

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071422\
 Data File : BF129226.D
 Acq On : 14 Jul 2022 18:19
 Operator : CG\JU
 Sample : PB146128BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB146128BS

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 07/15/2022
 Supervised By : Jagrut Upadhyay 07/15/2022

Quant Time: Jul 14 19:01:54 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071422.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jul 14 16:23:13 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	358223	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	1464737	20.000	ng	# 0.00
39) Acenaphthene-d10	9.945	164	735288	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	1228376	20.000	ng	# 0.00
76) Chrysene-d12	14.074	240	801731	20.000	ng	# 0.00
86) Perylene-d12	15.562	264	666308	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	2389140	105.147	ng	0.01
7) Phenol-d6	6.534	99	3058167	105.467	ng	0.00
23) Nitrobenzene-d5	7.469	82	1965022	71.110	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	724464	109.454	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	3099614	65.148	ng	0.00
79) Terphenyl-d14	13.015	244	3078644	77.088	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.822	88	309835	29.470	ng	91
3) Pyridine	3.593	79	856937	32.202	ng	91
4) n-Nitrosodimethylamine	3.540	42	509444	38.518	ng	90
6) Aniline	6.563	93	1328703	39.383	ng	99
8) 2-Chlorophenol	6.686	128	1011233	43.054	ng	99
9) Benzaldehyde	6.451	77	588223	43.065	ng	97
10) Phenol	6.545	94	1258745	40.852	ng	95
11) bis(2-Chloroethyl)ether	6.634	93	978477	42.172	ng	96
12) 1,3-Dichlorobenzene	6.839	146	986174	39.318	ng	98
13) 1,4-Dichlorobenzene	6.916	146	1003404	39.772	ng	99
14) 1,2-Dichlorobenzene	7.069	146	978001	40.465	ng	98
15) Benzyl Alcohol	7.045	79	823629	41.188	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.169	45	1564301	41.661	ng	94
17) 2-Methylphenol	7.151	107	793860	41.131	ng	100
18) Hexachloroethane	7.410	117	390285	40.985	ng	# 88
19) n-Nitroso-di-n-propyla...	7.316	70	680651	41.013	ng	95
20) 3+4-Methylphenols	7.304	107	952264	39.849	ng	# 89
22) Acetophenone	7.310	105	1306122	38.518	ng	# 98
24) Nitrobenzene	7.486	77	1062807	40.515	ng	94
25) Isophorone	7.722	82	1952707	42.811	ng	99
26) 2-Nitrophenol	7.798	139	528626	42.466	ng	95
27) 2,4-Dimethylphenol	7.833	122	910277	45.195	ng	98
28) bis(2-Chloroethoxy)met...	7.928	93	1189832	39.573	ng	98
29) 2,4-Dichlorophenol	8.039	162	787987	39.395	ng	98
30) 1,2,4-Trichlorobenzene	8.122	180	782886	37.365	ng	97
31) Naphthalene	8.204	128	2704950	39.094	ng	99
32) Benzoic acid	7.963	122	627569	39.702	ng	98
33) 4-Chloroaniline	8.251	127	979545	34.567	ng	99
34) Hexachlorobutadiene	8.316	225	441946	37.988	ng	100
35) Caprolactam	8.633	113	274906m	41.403	ng	
36) 4-Chloro-3-methylphenol	8.733	107	884031	40.378	ng	98
37) 2-Methylnaphthalene	8.898	142	1764938	39.716	ng	99
38) 1-Methylnaphthalene	8.998	142	1691274	39.287	ng	98
40) 1,2,4,5-Tetrachloroben...	9.063	216	712305	38.171	ng	# 96
41) Hexachlorocyclopentadiene	9.051	237	906759	98.011	ng	98
43) 2,4,6-Trichlorophenol	9.175	196	543625	39.154	ng	98

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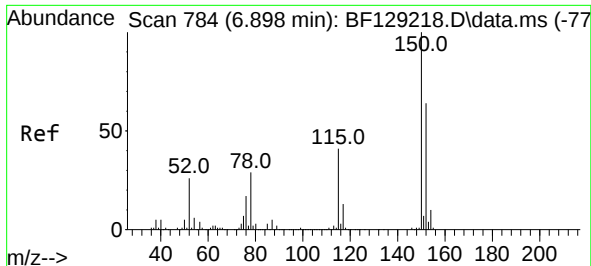
Manual Integrations
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 14 16:23:13 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	571677	40.451	ng	95
46) 1,1'-Biphenyl	9.363	154	2044745	38.529	ng	98
47) 2-Chloronaphthalene	9.386	162	1620790	38.938	ng	98
48) 2-Nitroaniline	9.486	65	578497	41.067	ng	91
49) Acenaphthylene	9.804	152	2501252	40.344	ng	99
50) Dimethylphthalate	9.663	163	1894799	40.128	ng	99
51) 2,6-Dinitrotoluene	9.727	165	443845	43.653	ng	97
52) Acenaphthene	9.980	154	1768183m	44.011	ng	
53) 3-Nitroaniline	9.898	138	419054	33.928	ng	# 95
54) 2,4-Dinitrophenol	10.004	184	475452	79.240	ng	97
55) Dibenzofuran	10.151	168	2190617	38.397	ng	96
56) 4-Nitrophenol	10.063	139	809564	82.832	ng	97
57) 2,4-Dinitrotoluene	10.133	165	586569	44.331	ng	99
58) Fluorene	10.492	166	1717208	39.532	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	438477	40.743	ng	# 91
60) Diethylphthalate	10.363	149	1823809	40.112	ng	99
61) 4-Chlorophenyl-phenyle...	10.480	204	762558	38.512	ng	# 89
62) 4-Nitroaniline	10.522	138	508740	41.767	ng	90
63) Azobenzene	10.639	77	1935094	39.211	ng	95
65) 4,6-Dinitro-2-methylph...	10.539	198	292812	38.537	ng	93
66) n-Nitrosodiphenylamine	10.604	169	1539694	39.577	ng	95
67) 4-Bromophenyl-phenylether	10.974	248	492884	39.388	ng	96
68) Hexachlorobenzene	11.039	284	537288	40.541	ng	97
69) Atrazine	11.127	200	503386	48.150	ng	96
70) Pentachlorophenol	11.233	266	628965	82.172	ng	98
71) Phenanthrene	11.457	178	2403962	38.895	ng	99
72) Anthracene	11.510	178	2457356	40.033	ng	98
73) Carbazole	11.663	167	2393517	38.487	ng	99
74) Di-n-butylphthalate	11.986	149	2724096	40.382	ng	99
75) Fluoranthene	12.645	202	2489206	39.525	ng	95
77) Benzidine	12.768	184	1560492	89.654	ng	99
78) Pyrene	12.874	202	2516684	40.938	ng	99
80) Butylbenzylphthalate	13.486	149	1150260	43.533	ng	98
81) Benzo(a)anthracene	14.063	228	2037867	40.281	ng	99
82) 3,3'-Dichlorobenzidine	14.027	252	584635	48.960	ng	# 96
83) Chrysene	14.104	228	1917879	40.053	ng	98
84) Bis(2-ethylhexyl)phtha...	14.039	149	1505371	43.327	ng	99
85) Di-n-octyl phthalate	14.657	149	2308560	43.205	ng	100
87) Indeno(1,2,3-cd)pyrene	17.080	276	1652455	40.287	ng	96
88) Benzo(b)fluoranthene	15.127	252	1762792	43.234	ng	# 98
89) Benzo(k)fluoranthene	15.157	252	1698209m	43.052	ng	
90) Benzo(a)pyrene	15.504	252	1484273	44.367	ng	97
91) Dibenzo(a,h)anthracene	17.098	278	1399870	42.562	ng	97
92) Benzo(g,h,i)perylene	17.545	276	1457916	43.027	ng	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



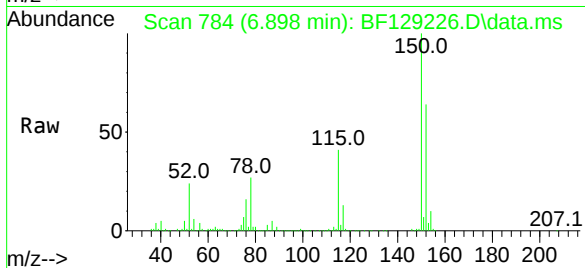
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF129226.D
 Acq: 14 Jul 2022 18:19

Instrument :

BNA_F

ClientSampleId :

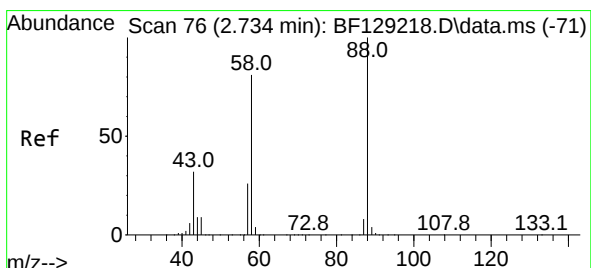
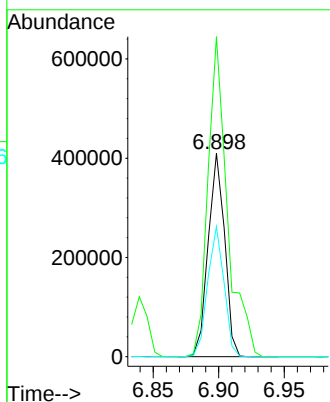
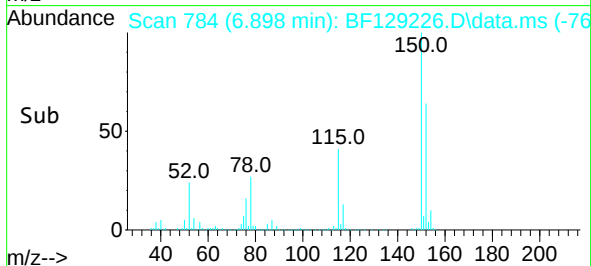
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Tgt Ion:152 Resp: 35822
 Ion Ratio Lower Upper
 152 100
 150 157.4 123.7 185.5
 115 64.0 49.9 74.9

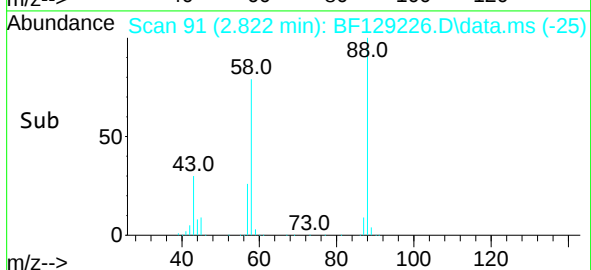
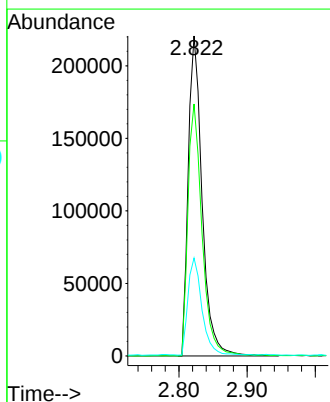
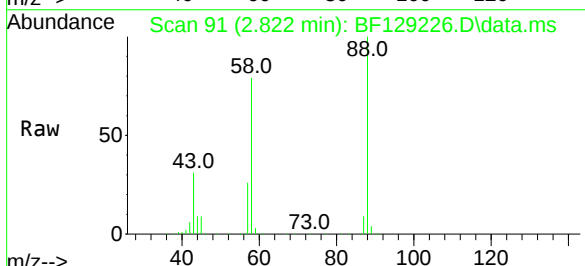
Manual Integrations
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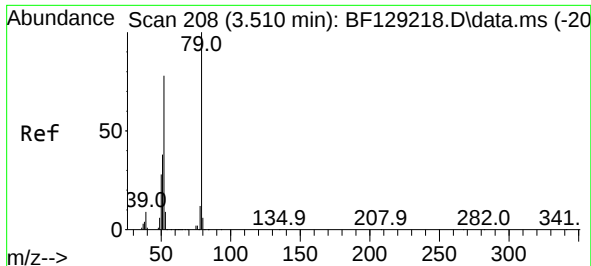
Reviewed By :Christian Giraldo 07/15/2022
 Supervised By :Jagrut Upadhyay 07/15/2022



#2
 1,4-Dioxane
 Concen: 29.470 ng
 RT: 2.822 min Scan# 91
 Delta R.T. 0.088 min
 Lab File: BF129226.D
 Acq: 14 Jul 2022 18:19

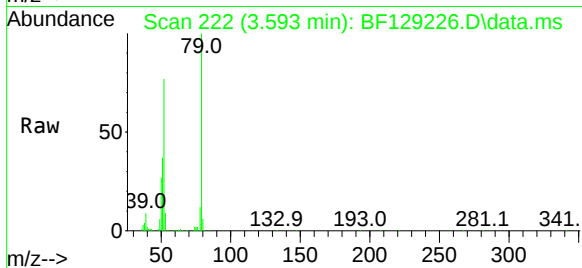
Tgt Ion: 88 Resp: 309835
 Ion Ratio Lower Upper
 88 100
 58 80.4 71.8 107.8
 43 30.6 26.6 39.8





#3
Pyridine
Concen: 32.202 ng
RT: 3.593 min Scan# 213
Delta R.T. 0.083 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19

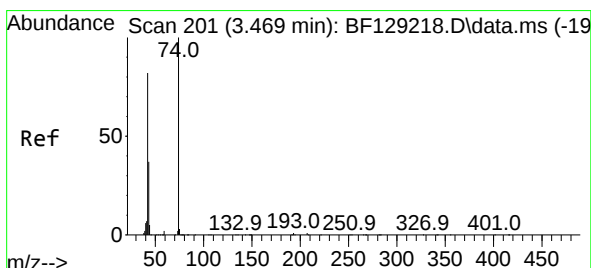
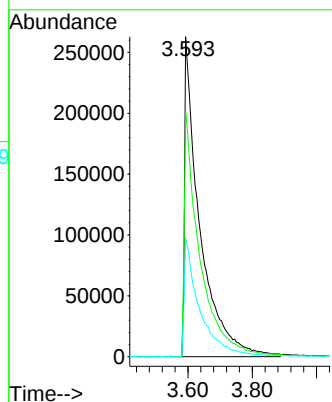
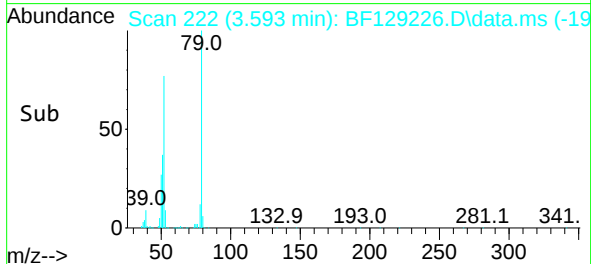
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BNA_F
ClientSampleId :
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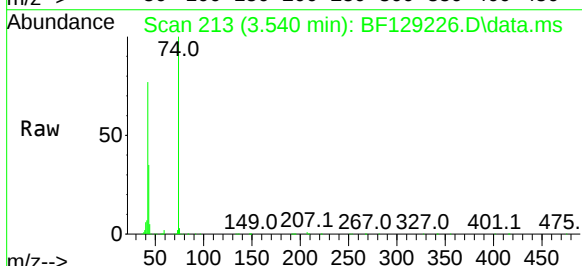
Tgt Ion: 79 Resp: 85693
Ion Ratio Lower Upper
79 100
52 76.8 68.6 102.8
51 36.9 32.9 49.3

Manual Integrations
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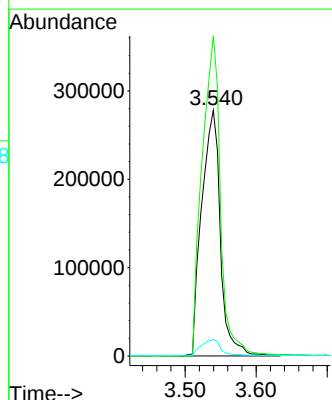
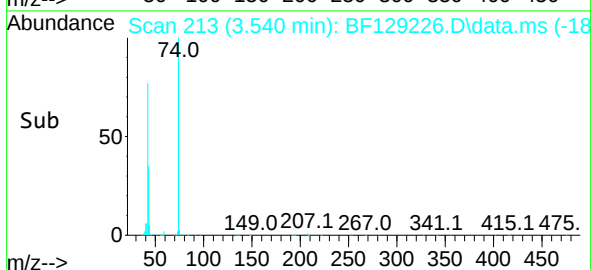
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022

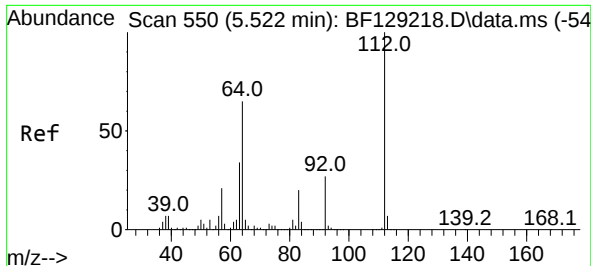


#4
n-Nitrosodimethylamine
Concen: 38.518 ng
RT: 3.540 min Scan# 213
Delta R.T. 0.071 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19



Tgt Ion: 42 Resp: 509444
Ion Ratio Lower Upper
42 100
74 130.2 94.8 142.2
44 6.6 6.6 10.0





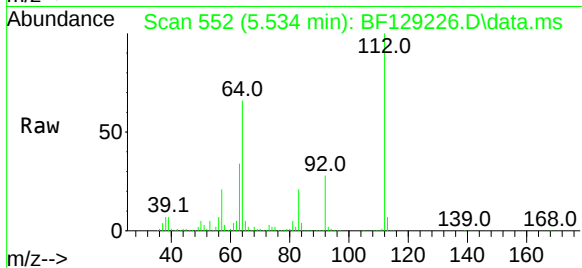
#5
2-Fluorophenol
Concen: 105.147 ng
RT: 5.534 min Scan# 511
Delta R.T. 0.012 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19

Instrument :

BNA_F

ClientSampleId :

PB146128BS

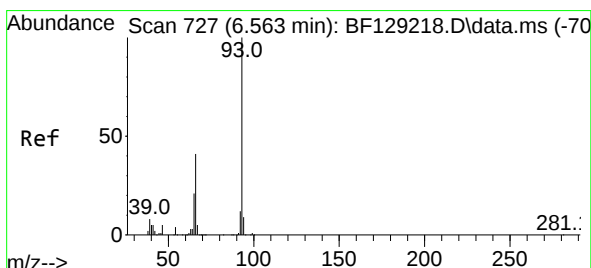
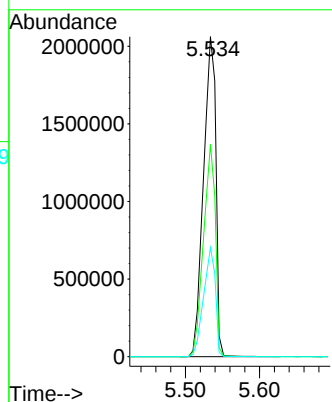
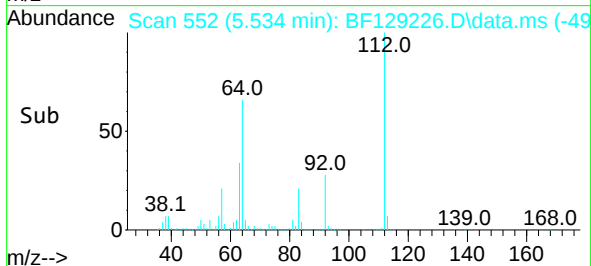


Tgt Ion:112 Resp: 2389140
Ion Ratio Lower Upper
112 100
64 66.3 53.3 79.9
63 34.0 28.0 42.0

Manual Integrations

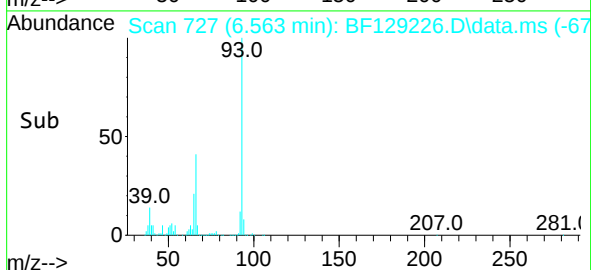
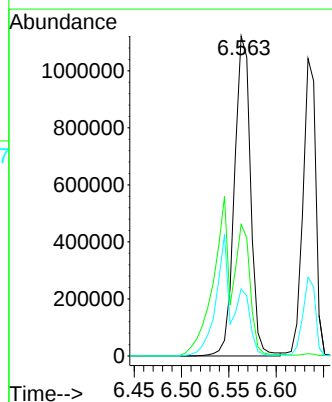
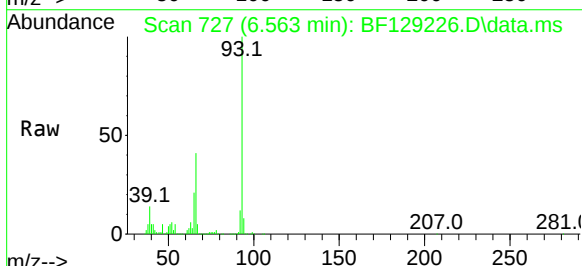
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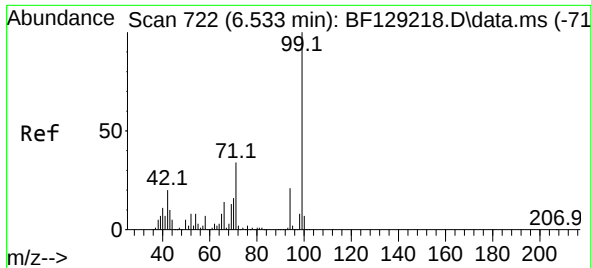
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022



#6
Aniline
Concen: 39.383 ng
RT: 6.563 min Scan# 727
Delta R.T. 0.000 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19

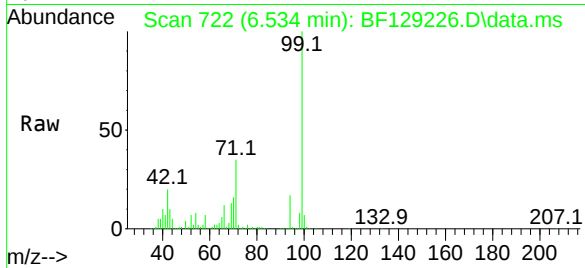
Tgt Ion: 93 Resp: 1328703
Ion Ratio Lower Upper
93 100
66 41.1 32.5 48.7
65 21.0 16.4 24.6





#7
Phenol-d6
Concen: 105.467 ng
RT: 6.534 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19

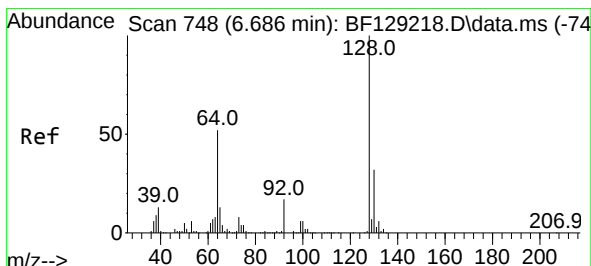
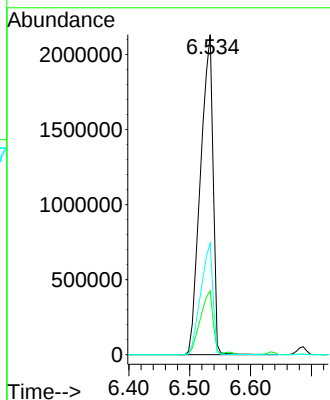
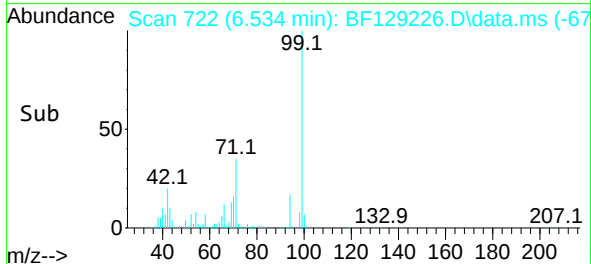
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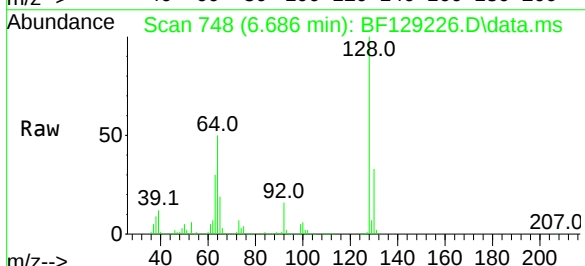
Tgt Ion: 99 Resp: 305816
Ion Ratio Lower Upper
99 100
42 19.9 17.3 25.9
71 34.9 28.9 43.3

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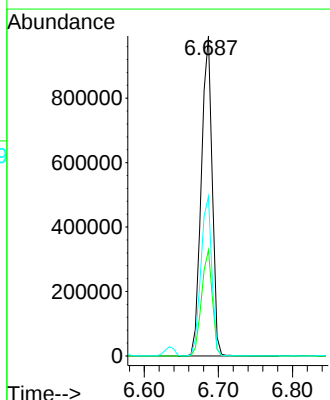
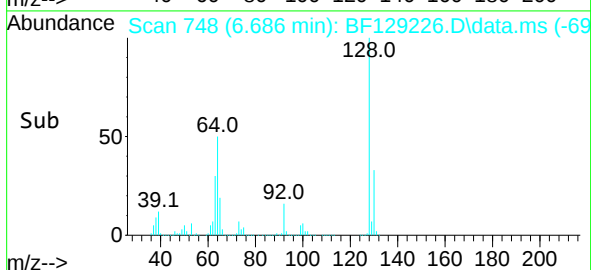
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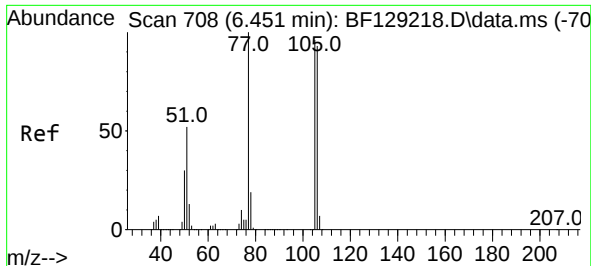


#8
2-Chlorophenol
Concen: 43.054 ng
RT: 6.686 min Scan# 748
Delta R.T. 0.000 min
Lab File: BF129226.D
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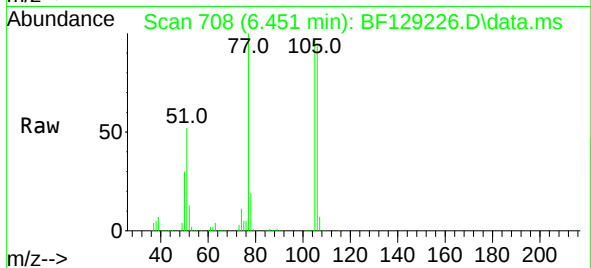
Tgt Ion:128 Resp: 1011233
Ion Ratio Lower Upper
128 100
130 33.1 13.1 53.1
64 49.8 30.9 70.9





#9
Benzaldehyde
Concen: 43.065 ng
RT: 6.451 min Scan# 708
Delta R.T. 0.000 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19

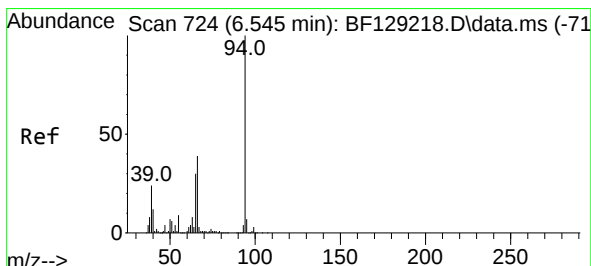
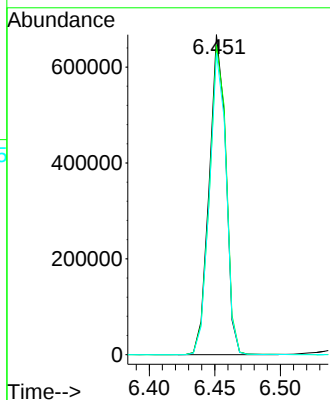
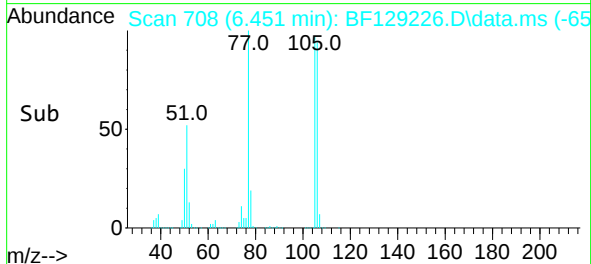
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BNA_F
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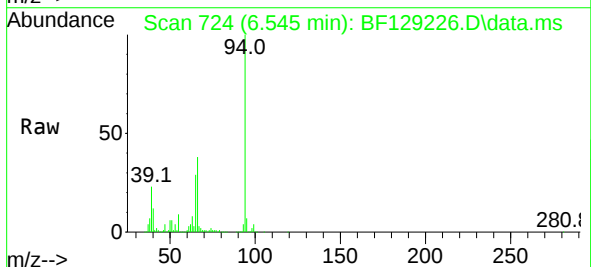
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Ion Ratio Lower Upper
77 100
105 96.8 81.6 121.6
106 94.2 76.1 116.1

Manual Integrations
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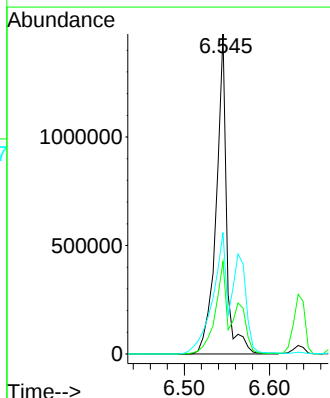
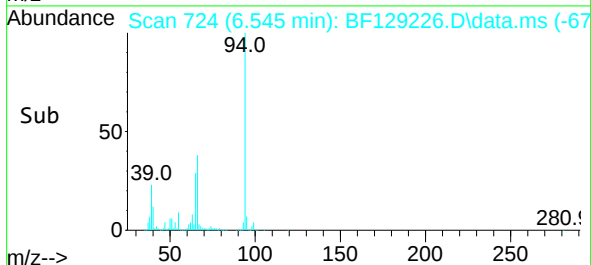
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022

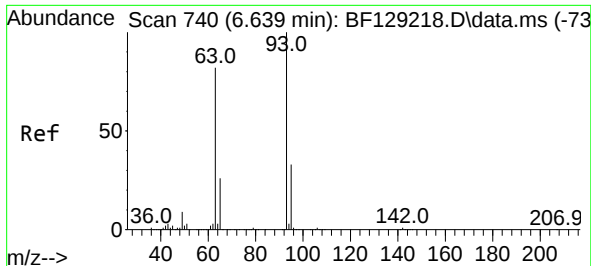


#10
Phenol
Concen: 40.852 ng
RT: 6.545 min Scan# 724
Delta R.T. 0.000 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19



Tgt Ion: 94 Resp: 1258745
Ion Ratio Lower Upper
94 100
65 28.9 11.4 51.4
66 37.9 21.4 61.4





#11

bis(2-Chloroethyl)ether

Concen: 42.172 ng

RT: 6.634 min Scan# 740

Delta R.T. -0.006 min

Lab File: BF129226.D

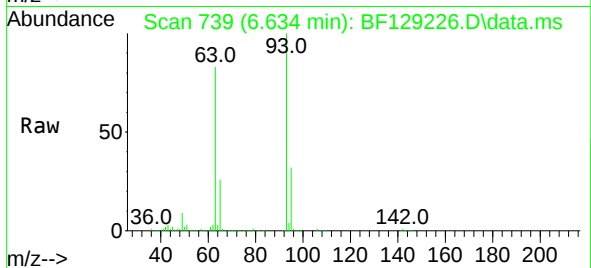
Acq: 14 Jul 2022 18:19

Instrument :

BNA_F

ClientSampleId :

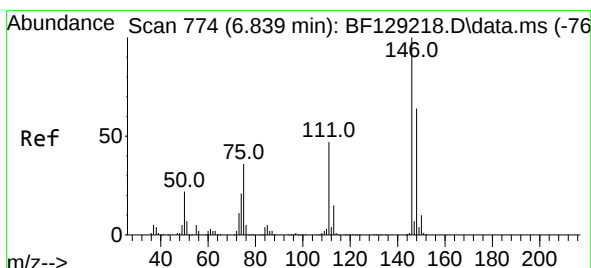
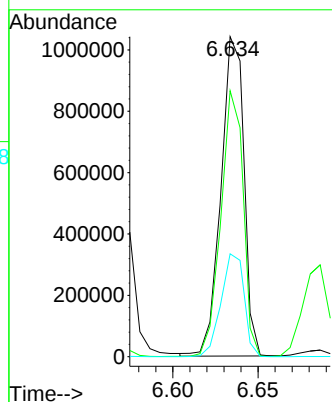
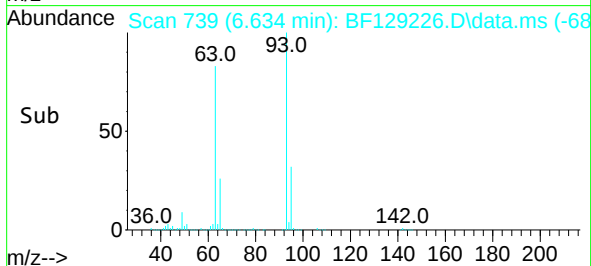
PB146128BS



Tgt Ion: 93	Resp: 97847
Ion Ratio	Lower Upper
93	100
63	83.1 67.4 107.4
95	32.2 12.7 52.7

Manual Integrations
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Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022



#12

1,3-Dichlorobenzene

Concen: 39.318 ng

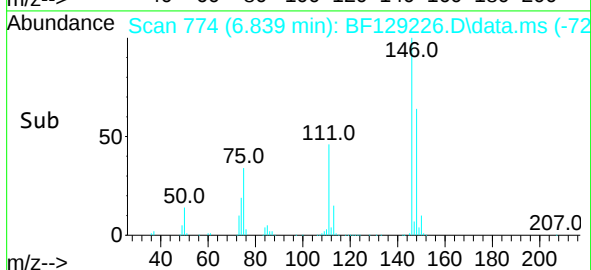
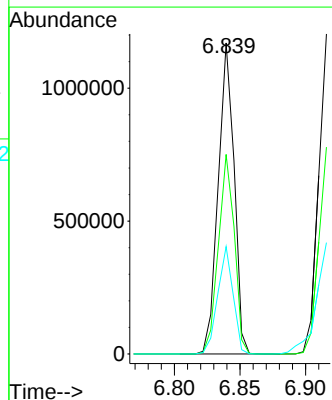
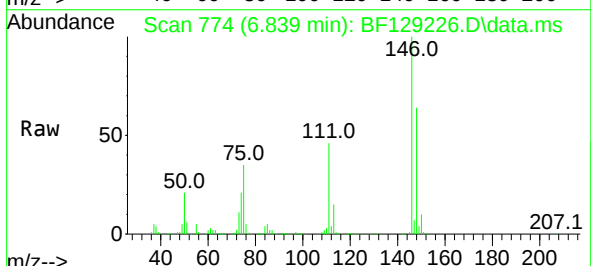
RT: 6.839 min Scan# 774

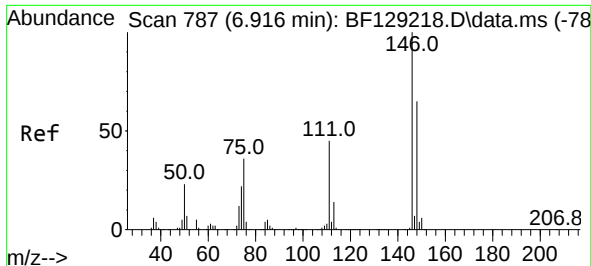
Delta R.T. 0.000 min

Lab File: BF129226.D

Acq: 14 Jul 2022 18:19

Tgt Ion:146	Resp: 986174
Ion Ratio	Lower Upper
146	100
148	64.2 50.6 75.8
75	34.5 26.3 39.5





#13

1,4-Dichlorobenzene

Concen: 39.772 ng

RT: 6.916 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF129226.D

Acq: 14 Jul 2022 18:19

Instrument :

BNA_F

ClientSampleId :

PB146128BS

Tgt Ion:146 Resp: 100340

Ion Ratio Lower Upper

146 100

148 64.7 51.1 76.7

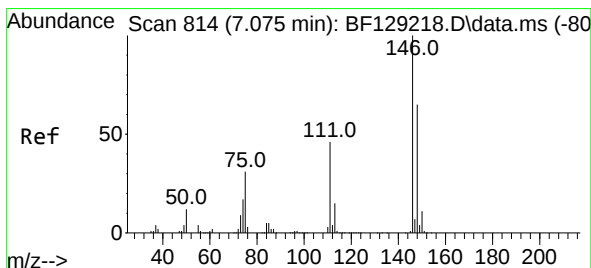
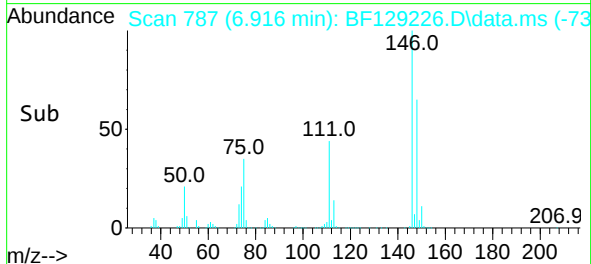
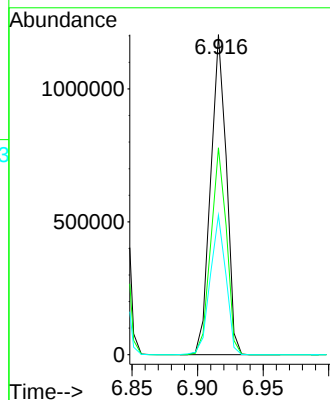
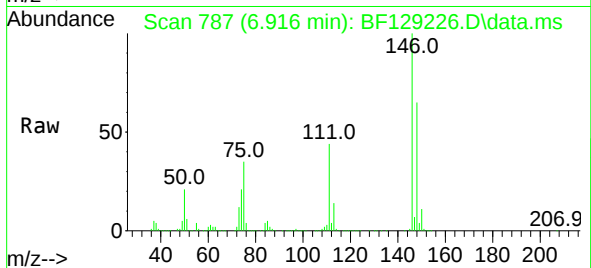
111 43.6 34.2 51.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/15/2022

Supervised By :Jagrut Upadhyay 07/15/2022



#14

1,2-Dichlorobenzene

Concen: 40.465 ng

RT: 7.069 min Scan# 813

Delta R.T. -0.006 min

Lab File: BF129226.D

Acq: 14 Jul 2022 18:19

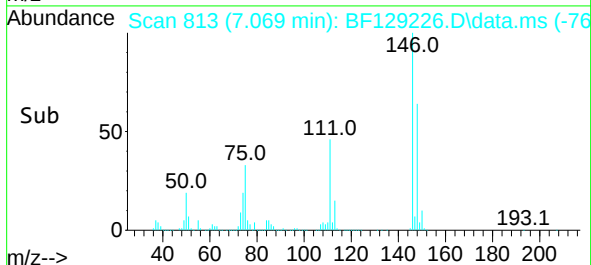
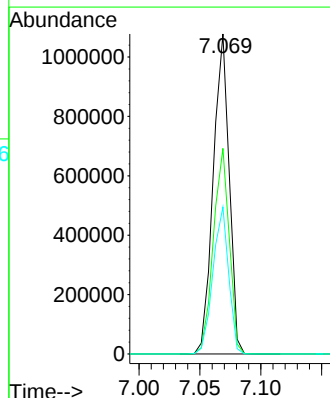
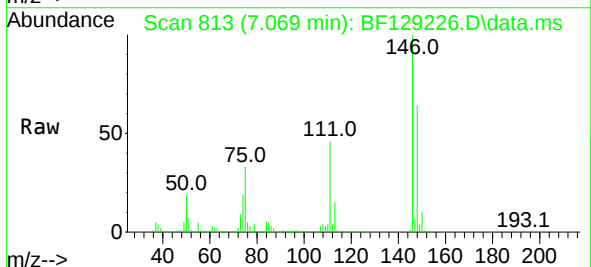
Tgt Ion:146 Resp: 978001

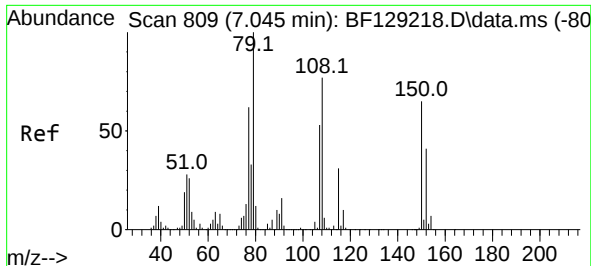
Ion Ratio Lower Upper

146 100

148 64.2 51.8 77.8

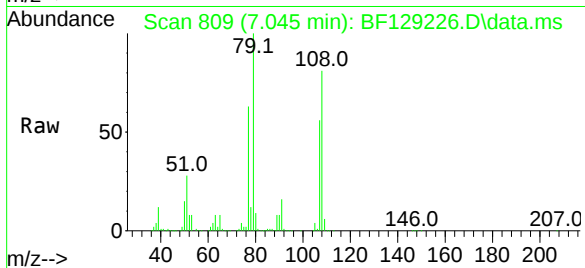
111 45.9 35.1 52.7





#15
Benzyl Alcohol
Concen: 41.188 ng
RT: 7.045 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19

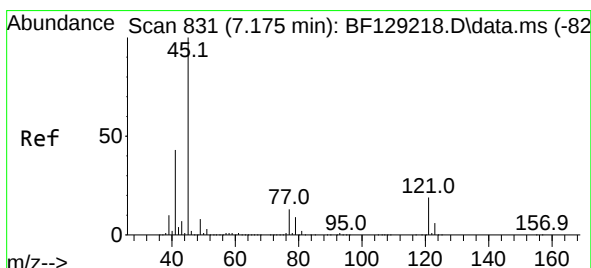
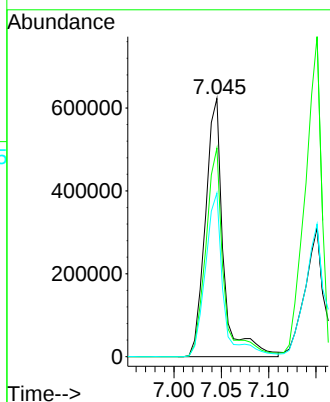
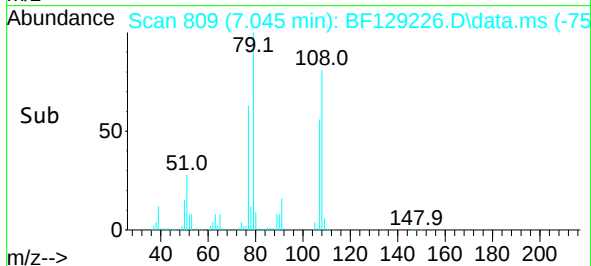
Instrument :
BNA_F
ClientSampleId :
PB146128BS



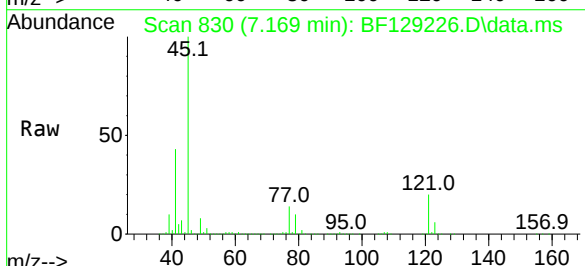
Tgt Ion: 79 Resp: 823629
Ion Ratio Lower Upper
79 100
108 80.8 61.8 92.6
77 63.4 50.2 75.4

Manual Integrations
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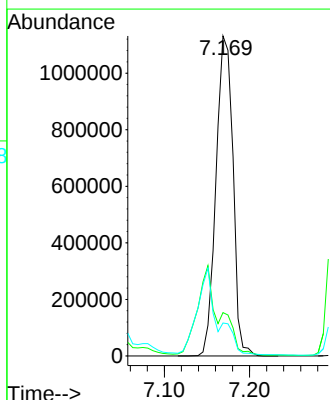
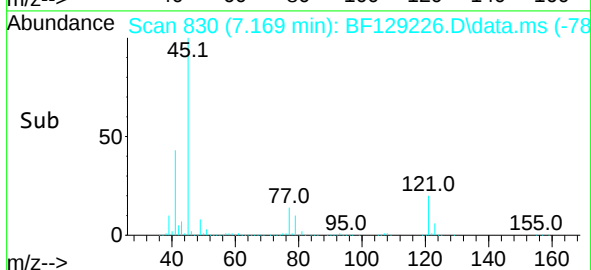
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022

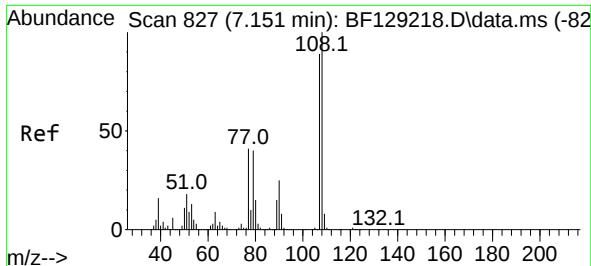


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.661 ng
RT: 7.169 min Scan# 830
Delta R.T. -0.006 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19



Tgt Ion: 45 Resp: 1564301
Ion Ratio Lower Upper
45 100
77 13.5 0.0 31.3
79 10.3 0.0 28.3





#17

2-Methylphenol

Concen: 41.131 ng

RT: 7.151 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF129226.D

Acq: 14 Jul 2022 18:19

Instrument :

BNA_F

ClientSampleId :

PB146128BS

Tgt Ion:107 Resp: 793860

Ion Ratio Lower Upper

107 100

108 114.8 91.9 137.9

77 47.6 37.8 56.8

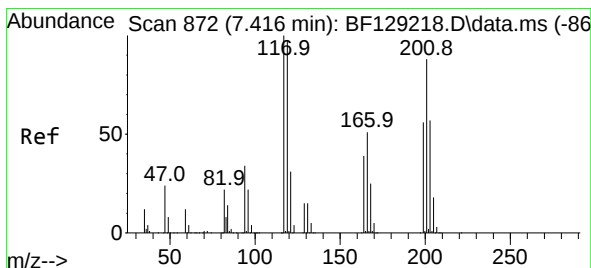
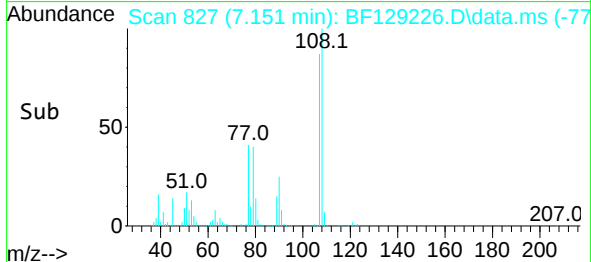
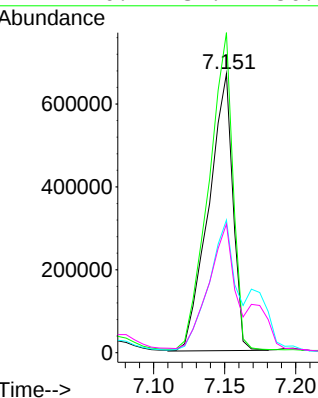
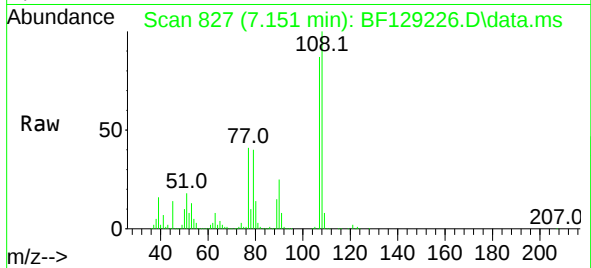
79 46.1 37.4 56.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/15/2022

Supervised By :Jagrut Upadhyay 07/15/2022



#18

Hexachloroethane

Concen: 40.985 ng

RT: 7.410 min Scan# 871

Delta R.T. -0.006 min

Lab File: BF129226.D

Acq: 14 Jul 2022 18:19

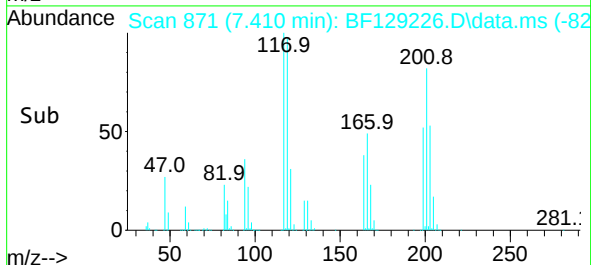
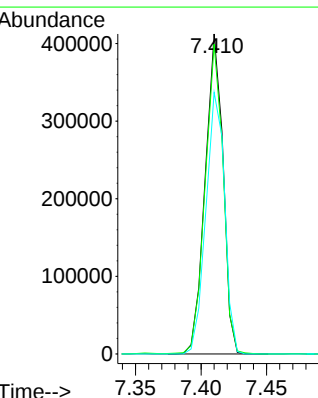
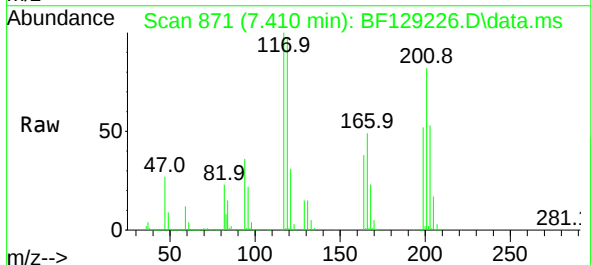
Tgt Ion:117 Resp: 390285

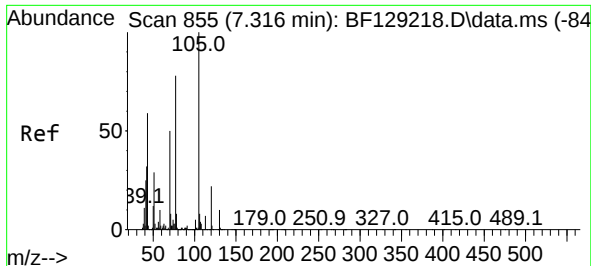
Ion Ratio Lower Upper

117 100

119 96.8 77.4 116.2

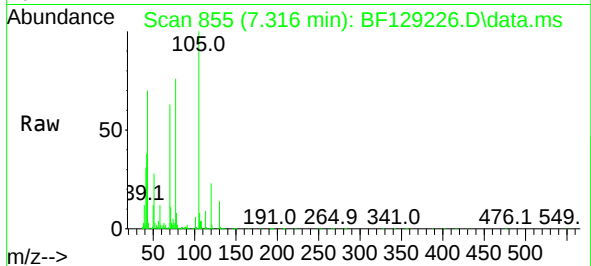
201 81.8 84.6 127.0#





#19
n-Nitroso-di-n-propylamine
Concen: 41.013 ng
RT: 7.316 min Scan# 855
Delta R.T. 0.000 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19

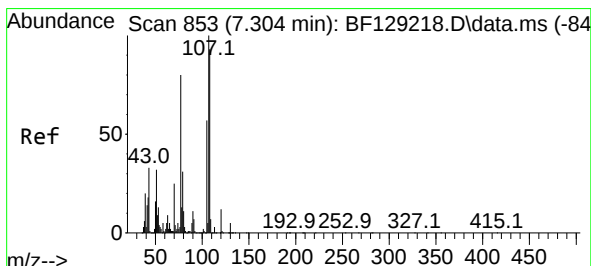
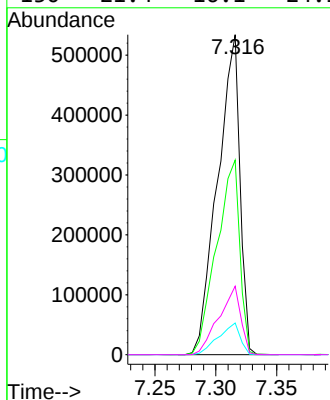
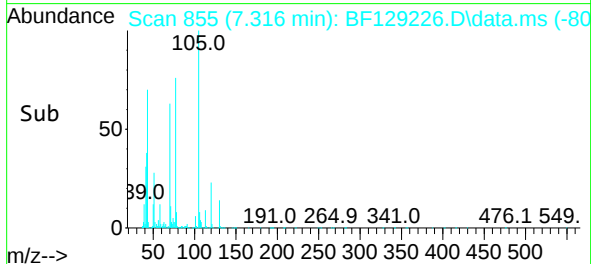
Instrument :
BNA_F
ClientSampleId :
PB146128BS



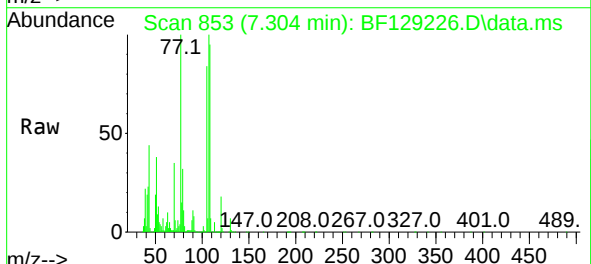
Tgt Ion: 70 Resp: 68065
Ion Ratio Lower Upper
70 100
42 60.8 52.3 78.5
101 9.9 7.5 11.3
130 21.4 16.1 24.1

Manual Integrations
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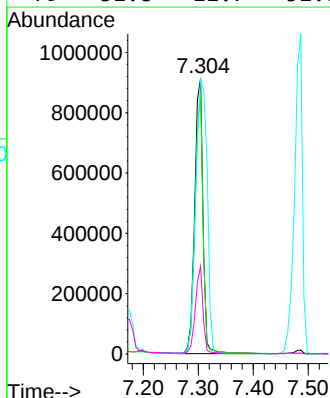
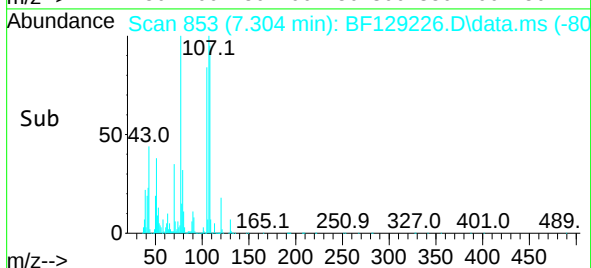
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022

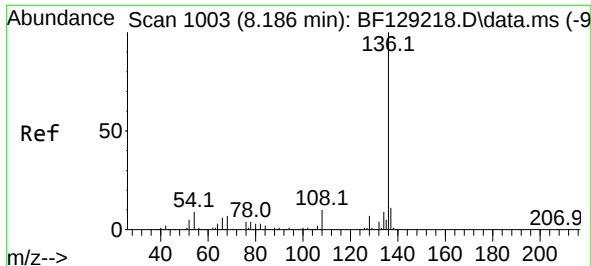


#20
3+4-Methylphenols
Concen: 39.849 ng
RT: 7.304 min Scan# 853
Delta R.T. 0.000 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19



Tgt Ion:107 Resp: 952264
Ion Ratio Lower Upper
107 100
108 95.0 71.8 111.8
77 99.6 59.3 99.3#
79 31.8 11.7 51.7





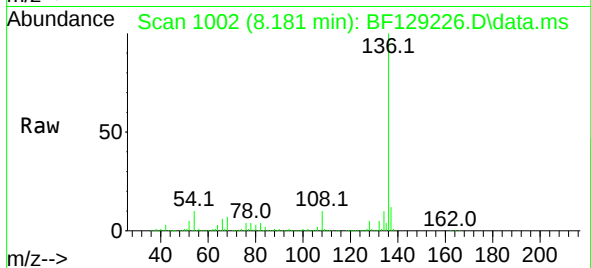
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19

Instrument :

BNA_F

ClientSampleId :

PB146128BS

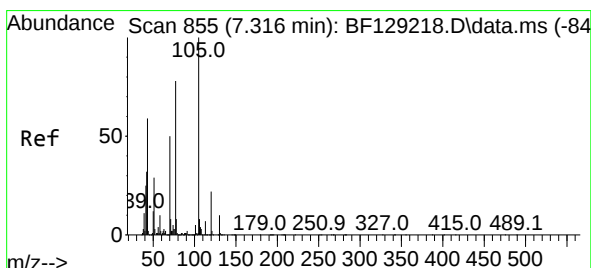
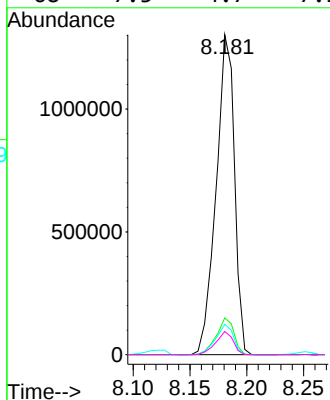
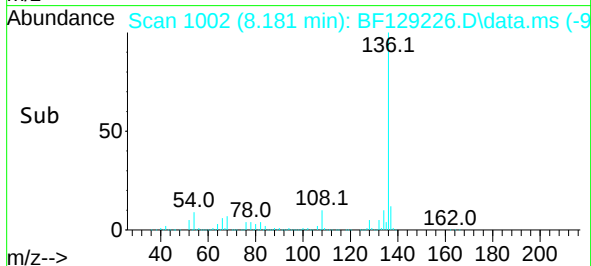


Tgt Ion:136 Resp: 146473
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 9.5 7.5 11.3
68 7.3 4.7 7.1#

Manual Integrations

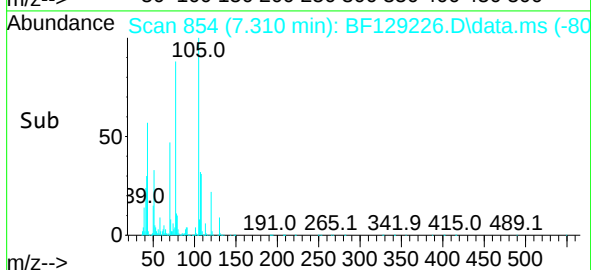
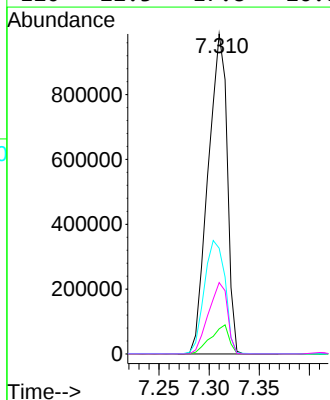
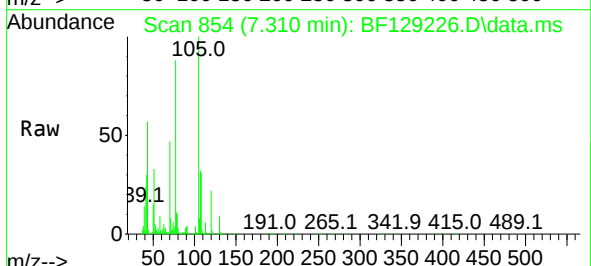
APPROVED

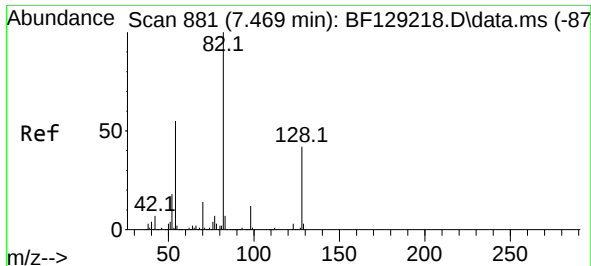
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022



#22
Acetophenone
Concen: 38.518 ng
RT: 7.310 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19

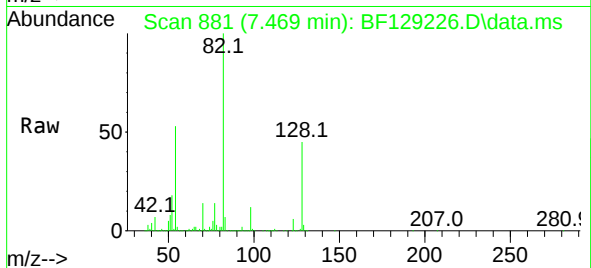
Tgt Ion:105 Resp: 1306122
Ion Ratio Lower Upper
105 100
71 7.9 5.0 7.4#
51 33.1 25.0 37.4
120 22.3 17.8 26.8





#23
Nitrobenzene-d5
Concen: 71.110 ng
RT: 7.469 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19

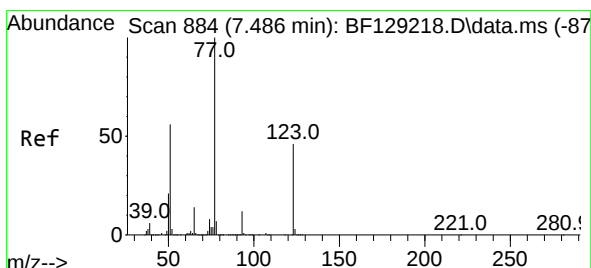
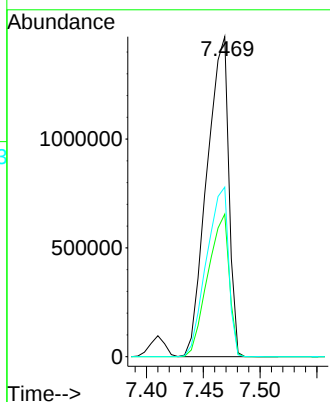
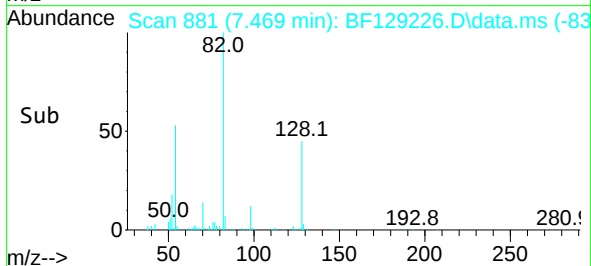
Instrument :
BNA_F
ClientSampleId :
PB146128BS



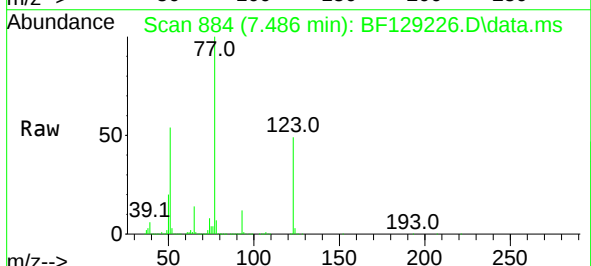
Tgt Ion: 82 Resp: 196502
Ion Ratio Lower Upper
82 100
128 44.6 34.0 51.0
54 53.0 46.9 70.3

Manual Integrations
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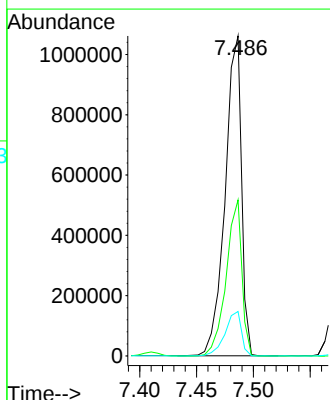
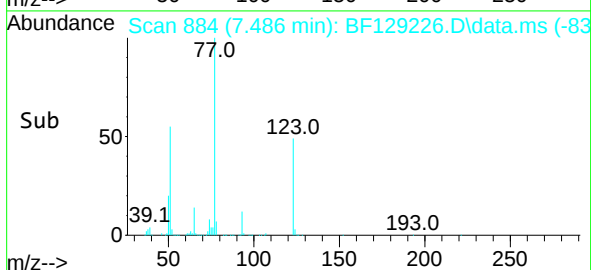
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022

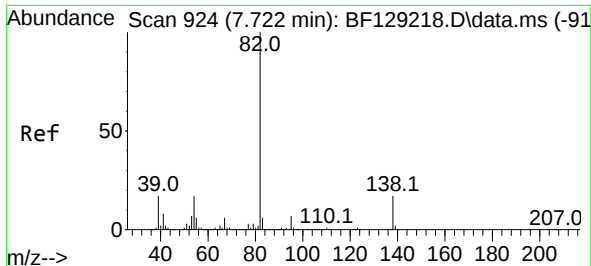


#24
Nitrobenzene
Concen: 40.515 ng
RT: 7.486 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19



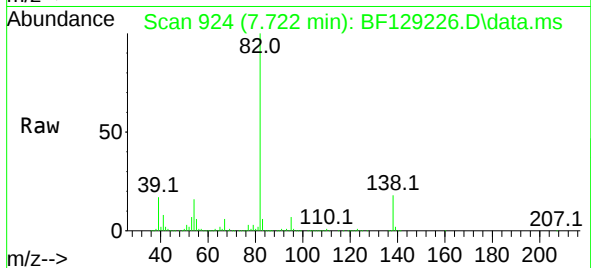
Tgt Ion: 77 Resp: 1062807
Ion Ratio Lower Upper
77 100
123 48.8 35.4 53.2
65 13.9 11.8 17.8





#25
Isophorone
Concen: 42.811 ng
RT: 7.722 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19

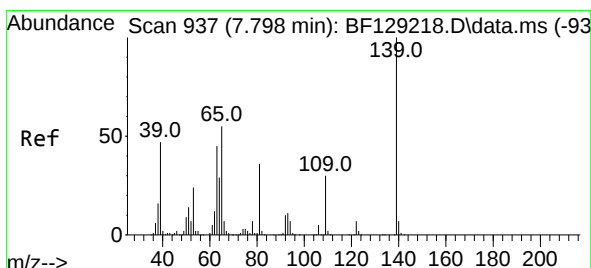
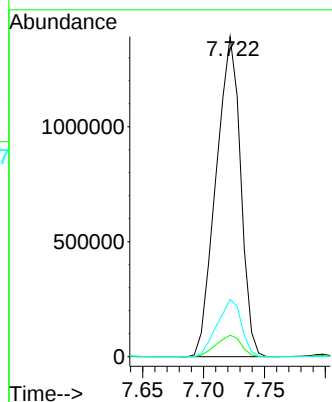
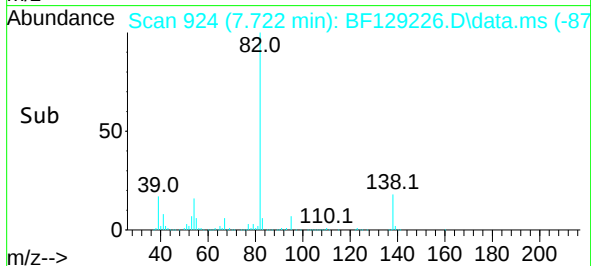
Instrument :
BNA_F
ClientSampleId :
PB146128BS



Tgt Ion: 82 Resp: 195270
Ion Ratio Lower Upper
82 100
95 6.7 5.7 8.5
138 17.9 14.2 21.2

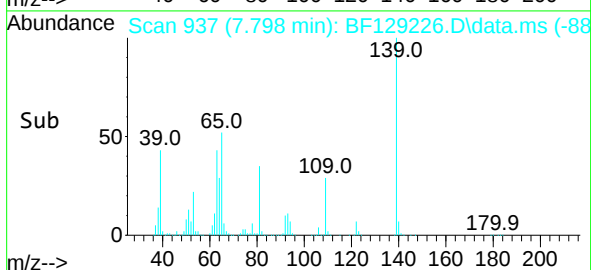
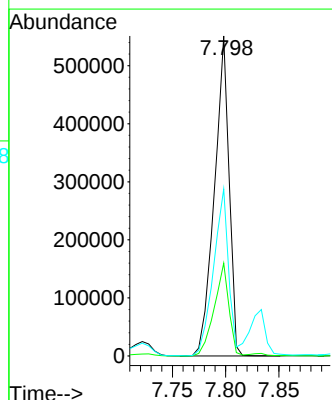
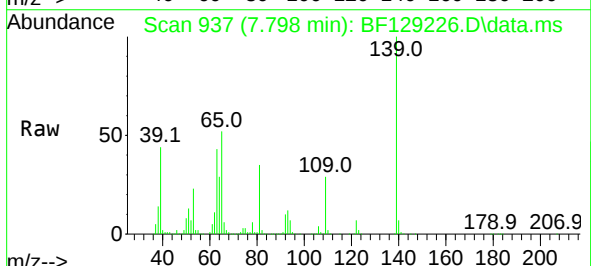
Manual Integrations
APPROVED

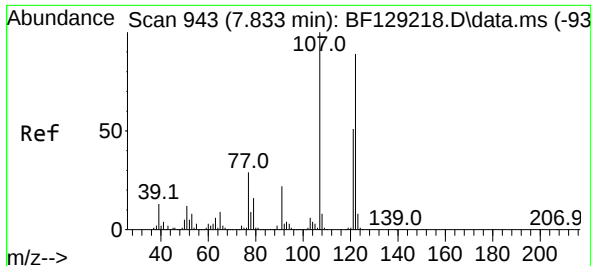
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022



#26
2-Nitrophenol
Concen: 42.466 ng
RT: 7.798 min Scan# 937
Delta R.T. 0.000 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19

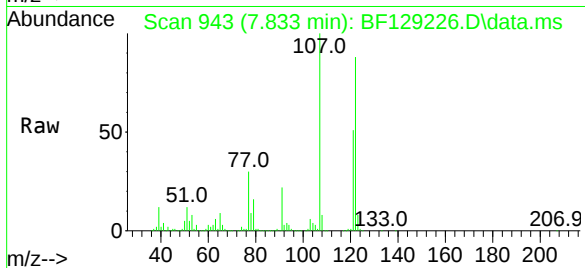
Tgt Ion:139 Resp: 528626
Ion Ratio Lower Upper
139 100
109 29.0 25.0 37.4
65 52.2 45.1 67.7





#27
2,4-Dimethylphenol
Concen: 45.195 ng
RT: 7.833 min Scan# 943
Delta R.T. 0.000 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19

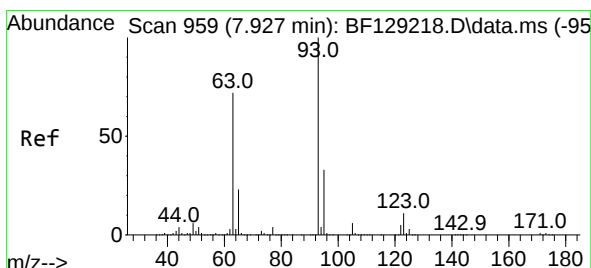
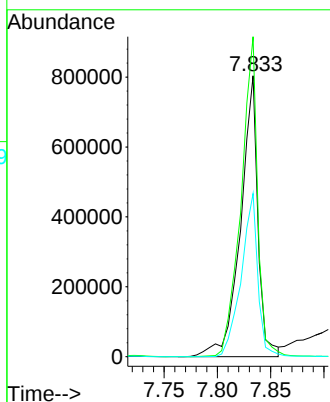
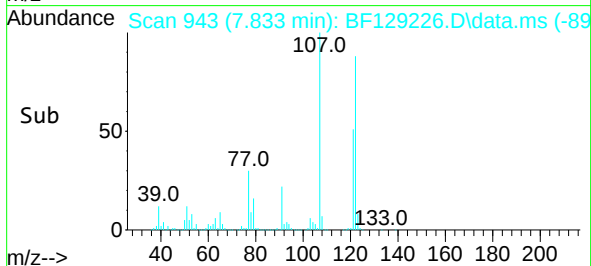
Instrument :
BNA_F
ClientSampleId :
PB146128BS



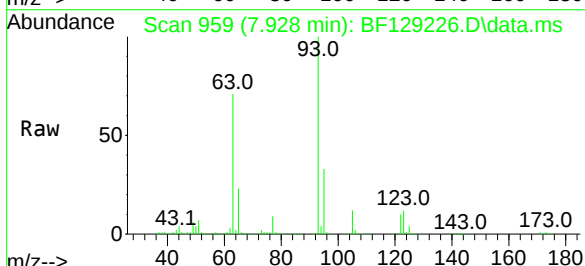
Tgt Ion:122 Resp: 91027
Ion Ratio Lower Upper
122 100
107 113.9 93.0 139.6
121 58.1 46.6 70.0

Manual Integrations
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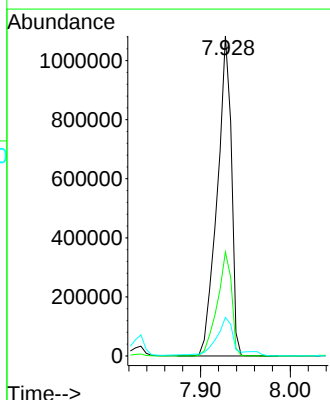
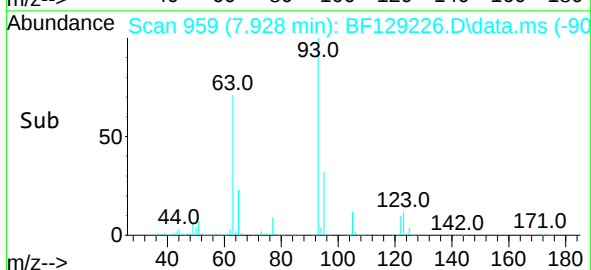
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022

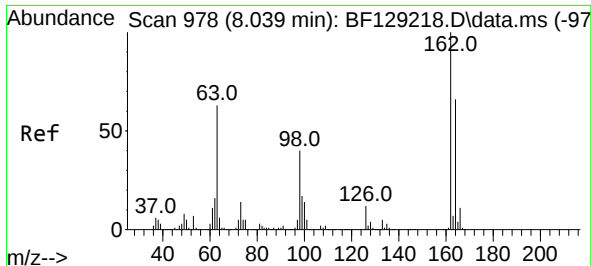


#28
bis(2-Chloroethoxy)methane
Concen: 39.573 ng
RT: 7.928 min Scan# 959
Delta R.T. 0.000 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19



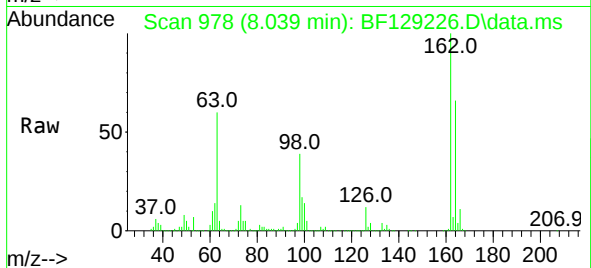
Tgt Ion: 93 Resp: 1189832
Ion Ratio Lower Upper
93 100
95 32.5 26.8 40.2
123 12.0 9.2 13.8





#29
2,4-Dichlorophenol
Concen: 39.395 ng
RT: 8.039 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19

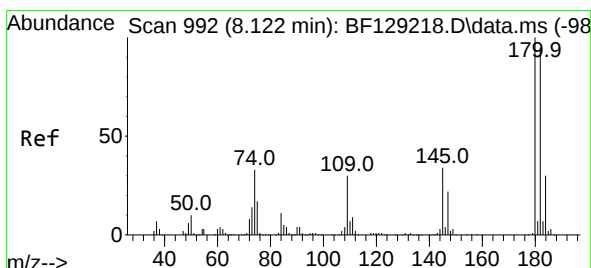
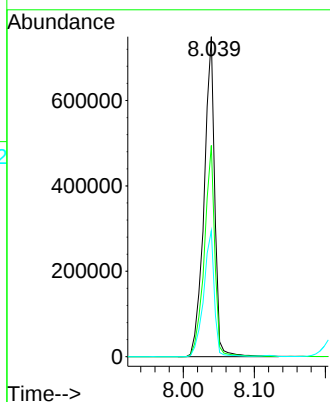
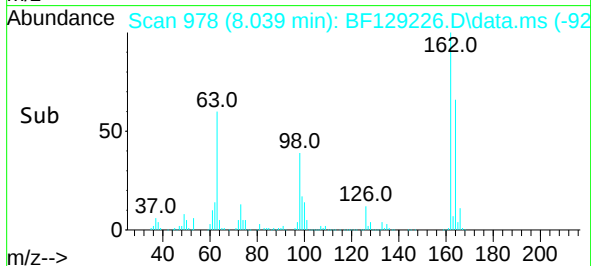
Instrument :
BNA_F
ClientSampleId :
PB146128BS



Tgt Ion:162 Resp: 78798
Ion Ratio Lower Upper
162 100
164 66.0 44.2 84.2
98 39.3 19.6 59.6

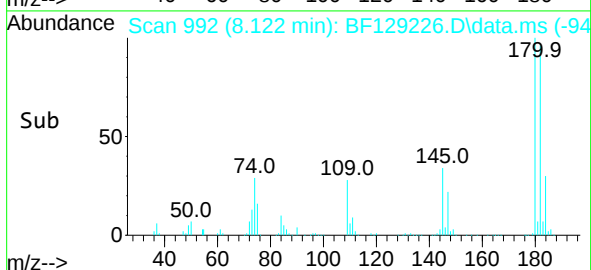
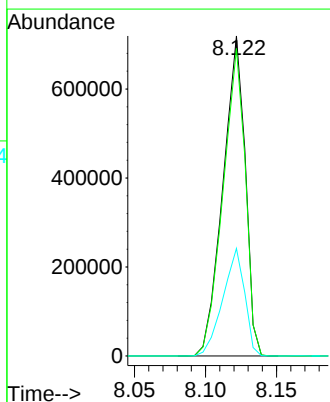
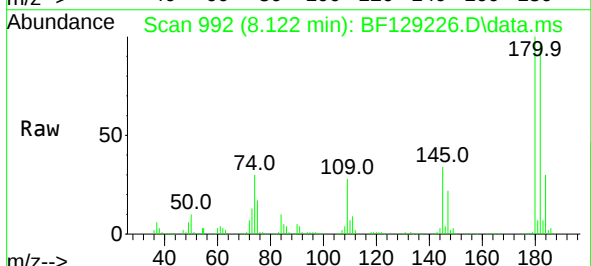
Manual Integrations
APPROVED

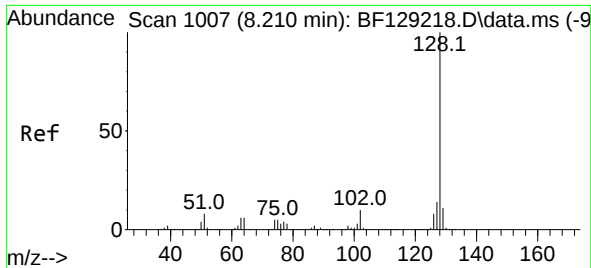
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022



#30
1,2,4-Trichlorobenzene
Concen: 37.365 ng
RT: 8.122 min Scan# 992
Delta R.T. 0.000 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19

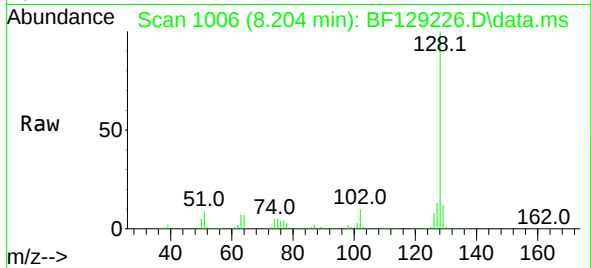
Tgt Ion:180 Resp: 782886
Ion Ratio Lower Upper
180 100
182 96.1 79.2 118.8
145 33.6 26.2 39.2





#31
Naphthalene
Concen: 39.094 ng
RT: 8.204 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19

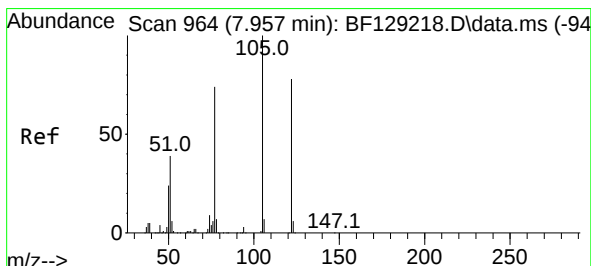
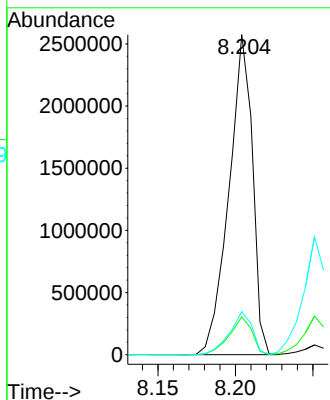
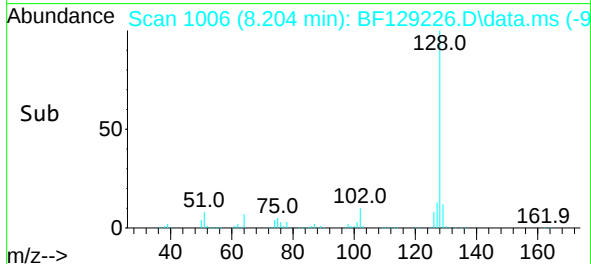
Instrument :
BNA_F
ClientSampleId :
PB146128BS



Tgt Ion:128 Resp: 2704950
Ion Ratio Lower Upper
128 100
129 11.8 9.2 13.8
127 13.5 10.5 15.7

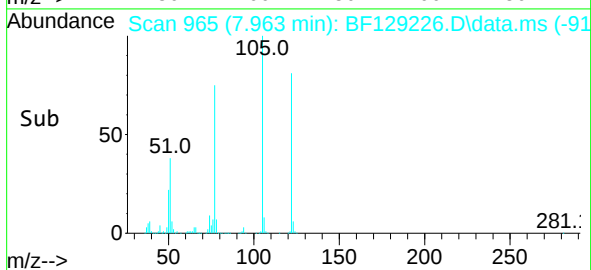
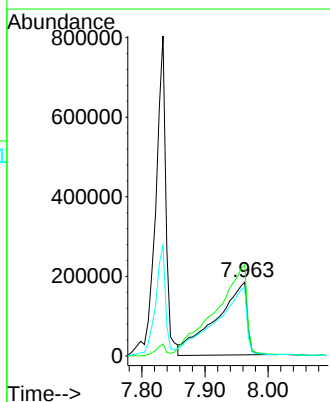
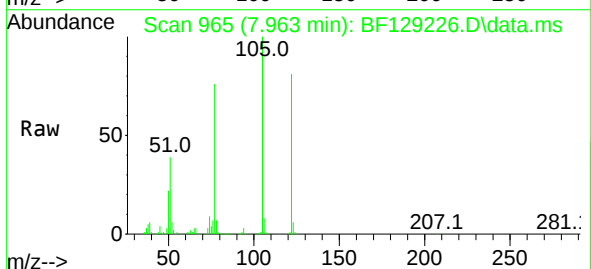
Manual Integrations
APPROVED

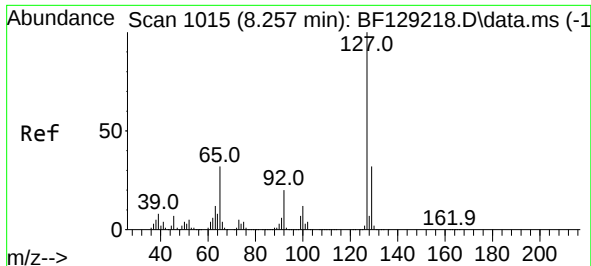
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022



#32
Benzoic acid
Concen: 39.702 ng
RT: 7.963 min Scan# 965
Delta R.T. 0.006 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19

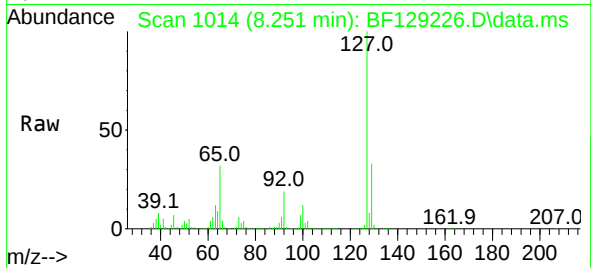
Tgt Ion:122 Resp: 627569
Ion Ratio Lower Upper
122 100
105 123.5 107.1 147.1
77 93.4 74.2 114.2





#33
4-Chloroaniline
Concen: 34.567 ng
RT: 8.251 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19

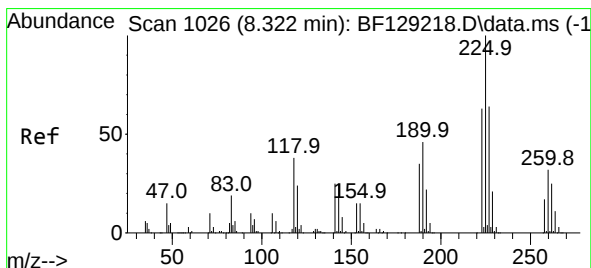
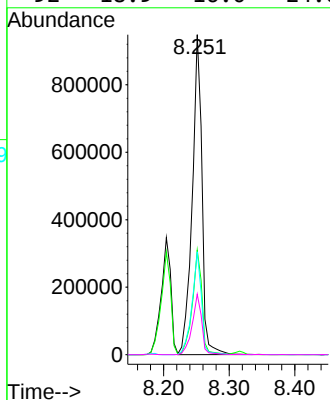
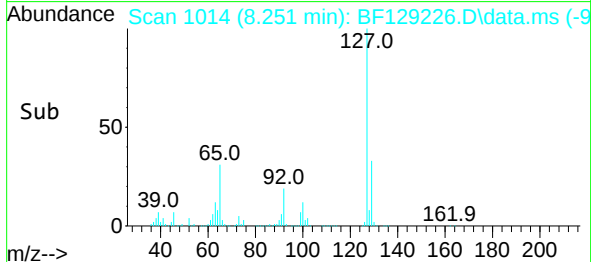
Instrument :
BNA_F
ClientSampleId :
PB146128BS



Tgt Ion:127 Resp: 97954
Ion Ratio Lower Upper
127 100
129 32.7 26.4 39.6
65 32.2 26.4 39.6
92 18.9 16.0 24.0

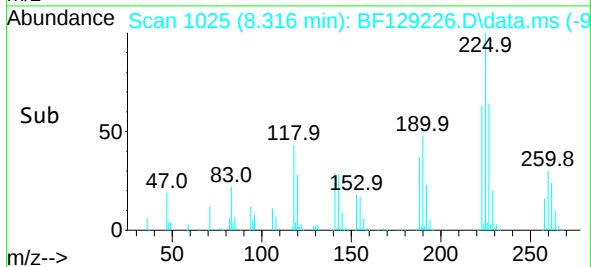
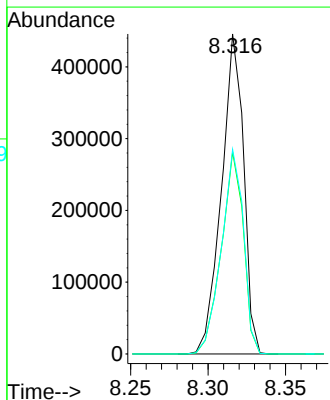
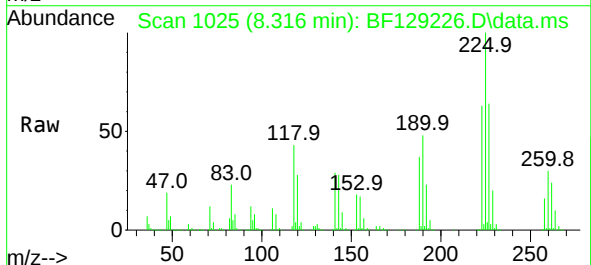
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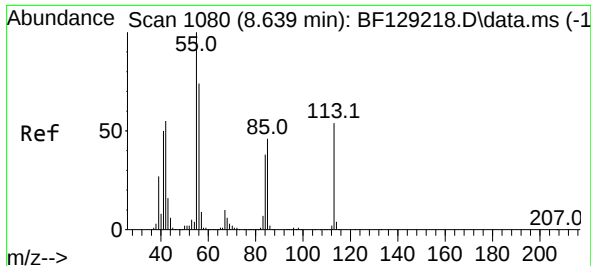
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022



#34
Hexachlorobutadiene
Concen: 37.988 ng
RT: 8.316 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19

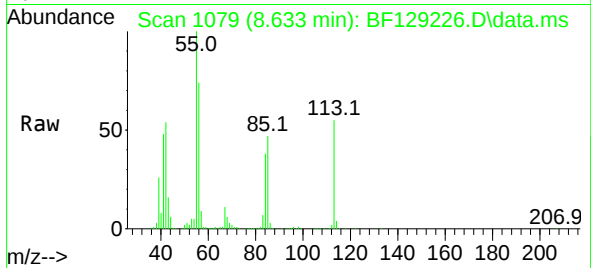
Tgt Ion:225 Resp: 441946
Ion Ratio Lower Upper
225 100
223 63.1 51.0 76.6
227 63.9 51.1 76.7





#35
Caprolactam
Concen: 41.403 ng m
RT: 8.633 min Scan# 1080
Delta R.T. -0.006 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19

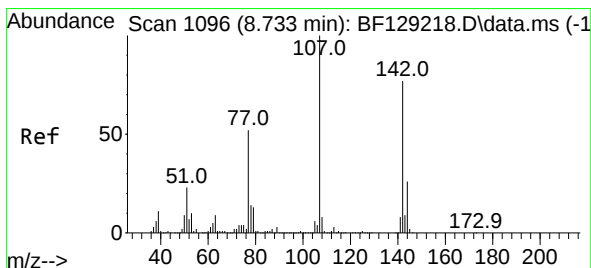
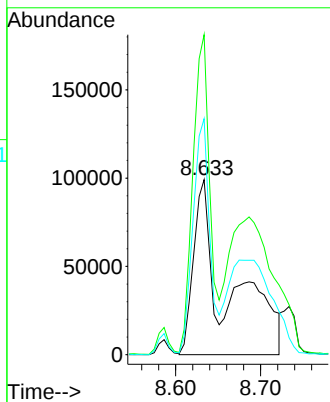
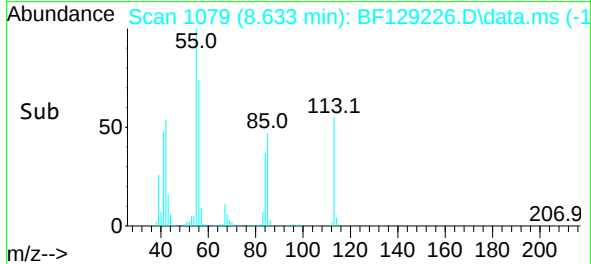
Instrument :
BNA_F
ClientSampleId :
PB146128BS



Tgt Ion:113 Resp: 274900
Ion Ratio Lower Upper
113 100
55 182.8 188.5 228.5
56 134.8 130.6 170.6

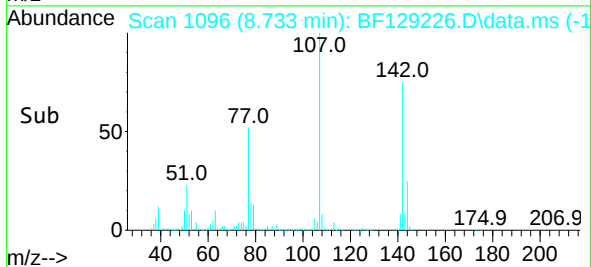
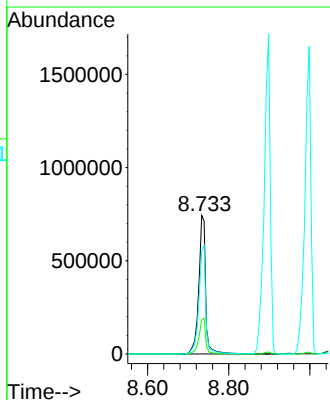
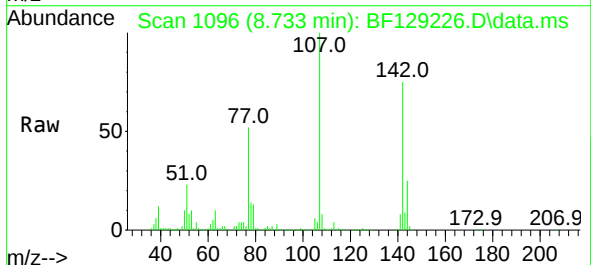
Manual Integrations
APPROVED

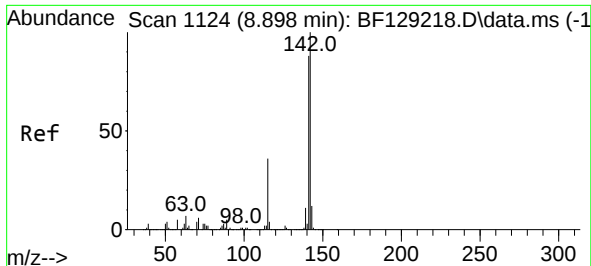
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022



#36
4-Chloro-3-methylphenol
Concen: 40.378 ng
RT: 8.733 min Scan# 1096
Delta R.T. 0.000 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19

Tgt Ion:107 Resp: 884031
Ion Ratio Lower Upper
107 100
144 24.8 19.5 29.3
142 74.7 58.2 87.4





#37

2-Methylnaphthalene

Concen: 39.716 ng

RT: 8.898 min Scan# 1124

Delta R.T. 0.000 min

Lab File: BF129226.D

Acq: 14 Jul 2022 18:19

Instrument :

BNA_F

ClientSampleId :

PB146128BS

Tgt Ion:142 Resp: 1764938

Ion Ratio Lower Upper

142 100

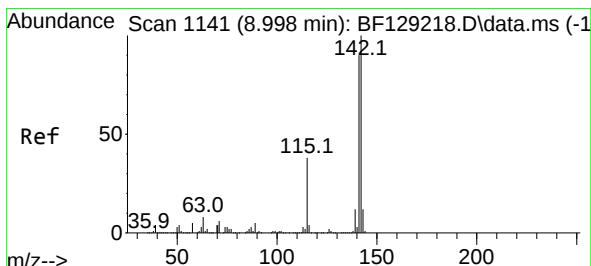
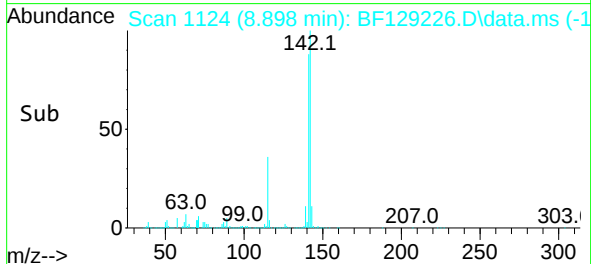
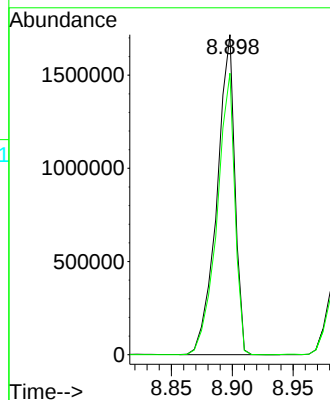
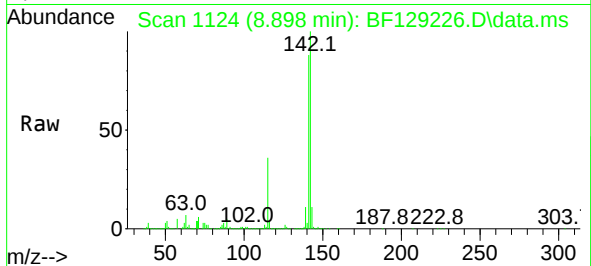
141 88.0 71.0 106.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/15/2022

Supervised By :Jagrut Upadhyay 07/15/2022



#38

1-Methylnaphthalene

Concen: 39.287 ng

RT: 8.998 min Scan# 1141

Delta R.T. 0.000 min

Lab File: BF129226.D

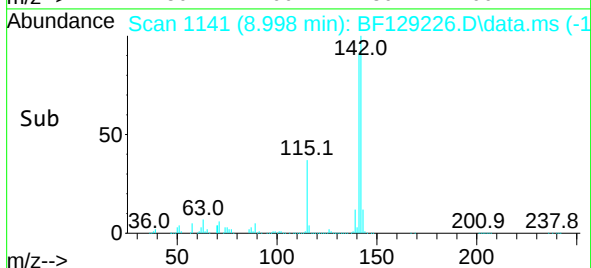
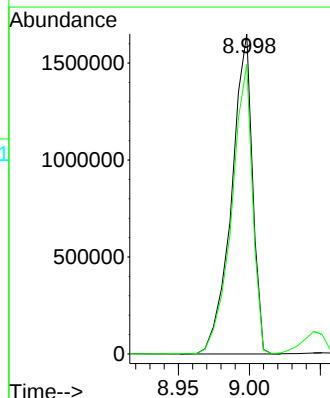
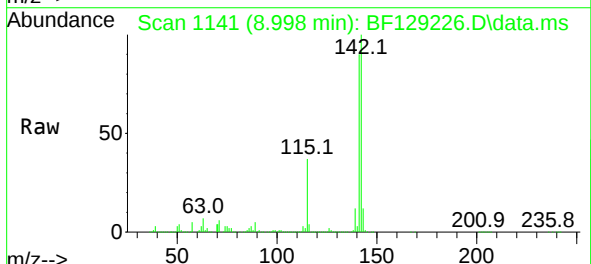
Acq: 14 Jul 2022 18:19

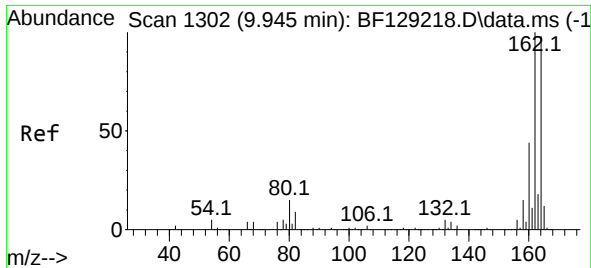
Tgt Ion:142 Resp: 1691274

Ion Ratio Lower Upper

142 100

141 90.5 74.2 111.4





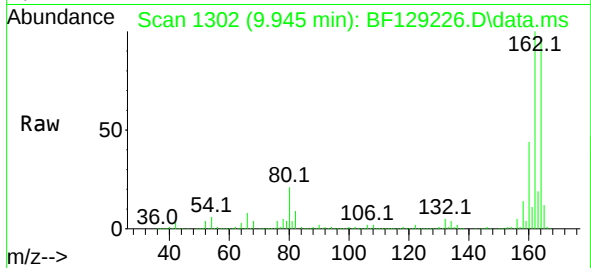
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1130
Delta R.T. 0.000 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19

Instrument :

BNA_F

ClientSampleId :

PB146128BS

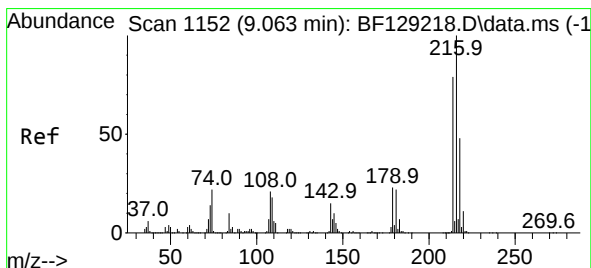
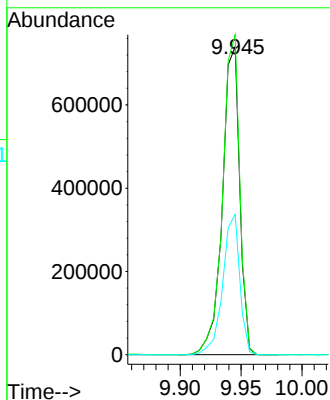
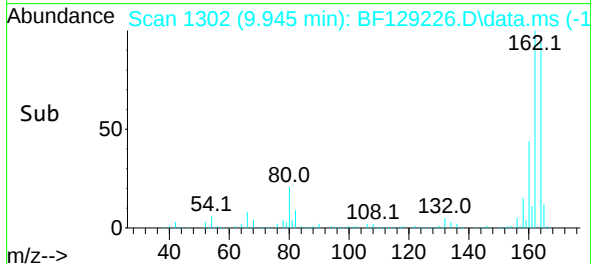


Tgt Ion:164 Resp: 73528
Ion Ratio Lower Upper
164 100
162 103.9 79.5 119.3
160 45.5 34.2 51.4

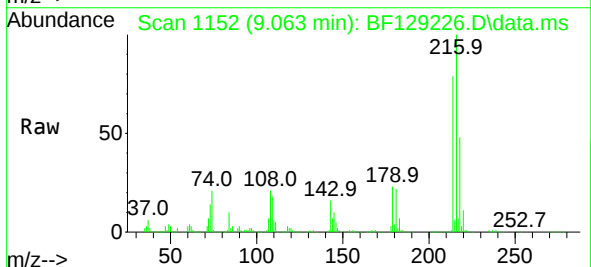
Manual Integrations

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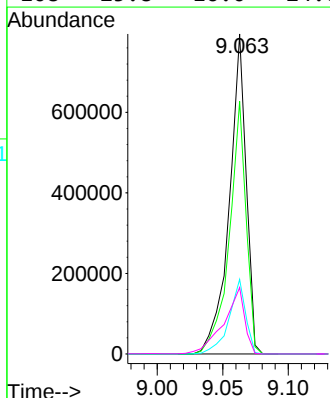
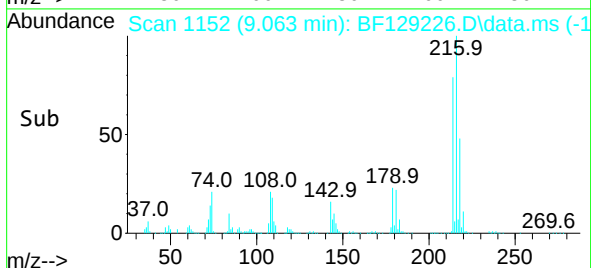
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022

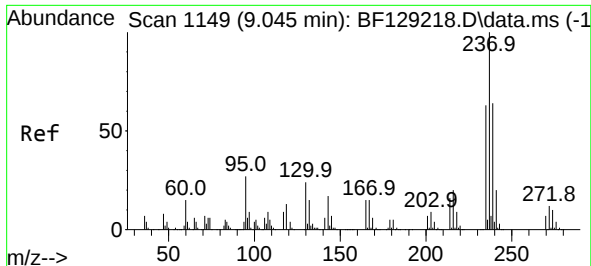


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.171 ng
RT: 9.063 min Scan# 1152
Delta R.T. 0.000 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19



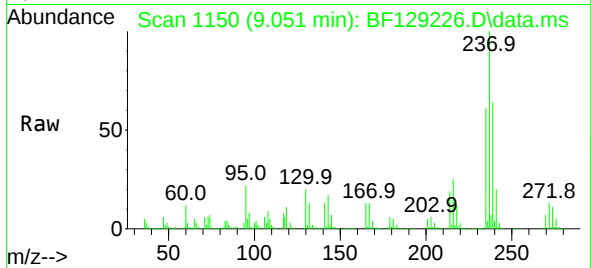
Tgt Ion:216 Resp: 712305
Ion Ratio Lower Upper
216 100
214 78.2 63.6 95.4
179 23.0 17.0 25.6
108 25.8 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 98.011 ng
RT: 9.051 min Scan# 1150
Delta R.T. 0.006 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19

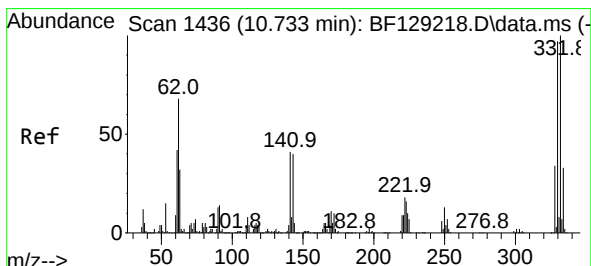
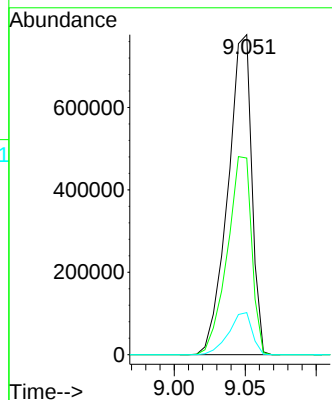
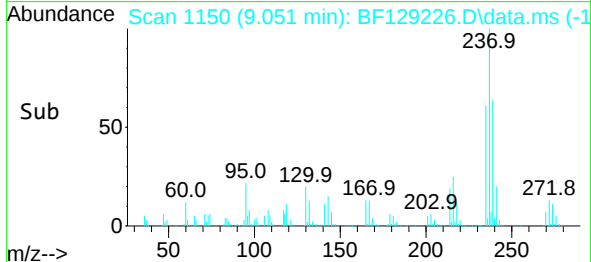
Instrument :
BNA_F
ClientSampleId :
PB146128BS



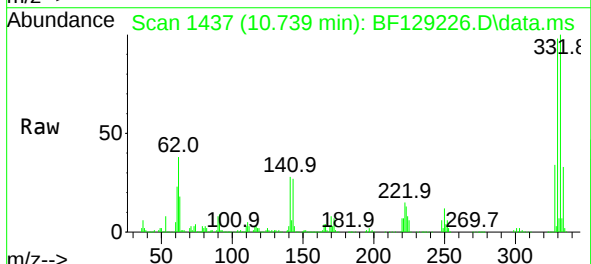
Tgt Ion:237 Resp: 906759
Ion Ratio Lower Upper
237 100
235 61.5 43.2 83.2
272 13.2 0.0 31.9

Manual Integrations
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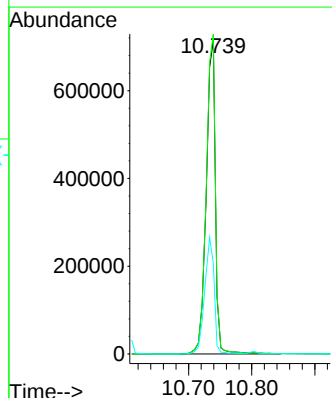
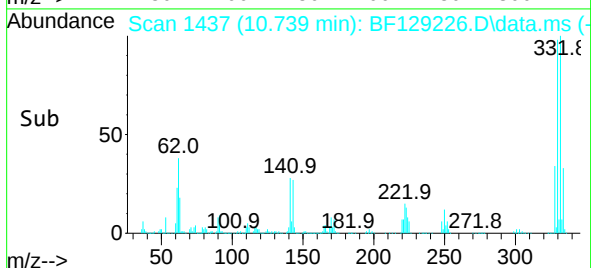
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022

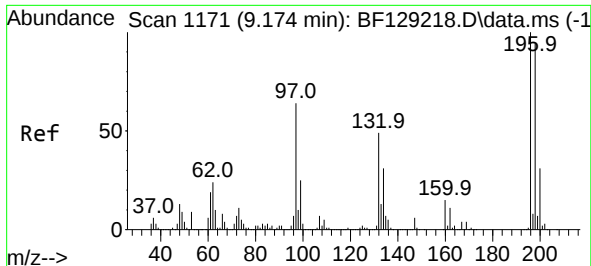


#42
2,4,6-Tribromophenol
Concen: 109.454 ng
RT: 10.739 min Scan# 1437
Delta R.T. 0.006 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19



Tgt Ion:330 Resp: 724464
Ion Ratio Lower Upper
330 100
332 102.1 76.8 115.2
141 38.2 28.0 42.0





#43

2,4,6-Trichlorophenol

Concen: 39.154 ng

RT: 9.175 min Scan# 1171

Delta R.T. 0.000 min

Lab File: BF129226.D

Acq: 14 Jul 2022 18:19

Instrument :

BNA_F

ClientSampleId :

PB146128BS

Tgt Ion:196 Resp: 54362

Ion Ratio Lower Upper

196 100

198 94.7 74.0 111.0

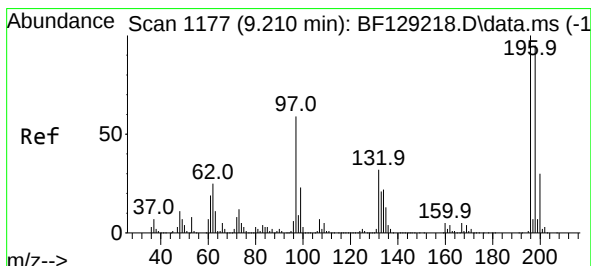
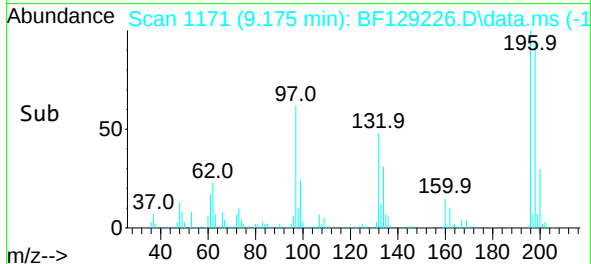
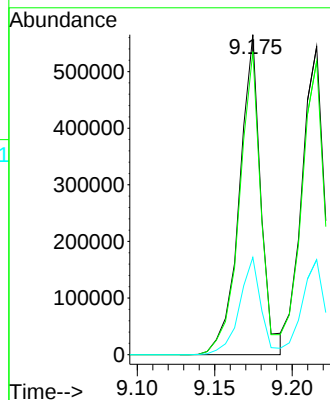
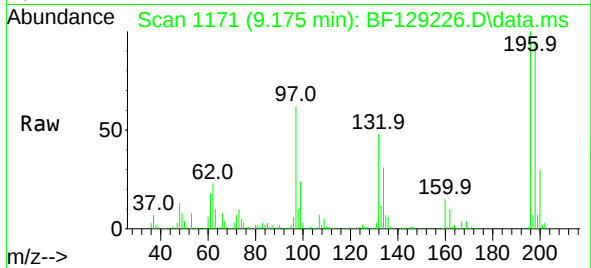
200 30.4 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/15/2022

Supervised By :Jagrut Upadhyay 07/15/2022



#44

2,4,5-Trichlorophenol

Concen: 40.451 ng

RT: 9.216 min Scan# 1178

Delta R.T. 0.006 min

Lab File: BF129226.D

Acq: 14 Jul 2022 18:19

Tgt Ion:196 Resp: 571677

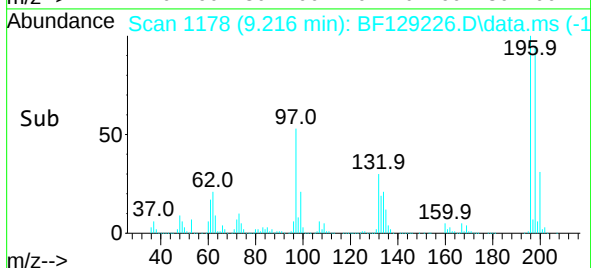
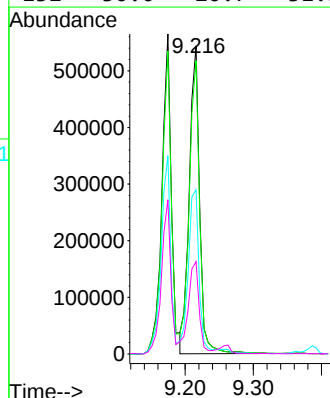
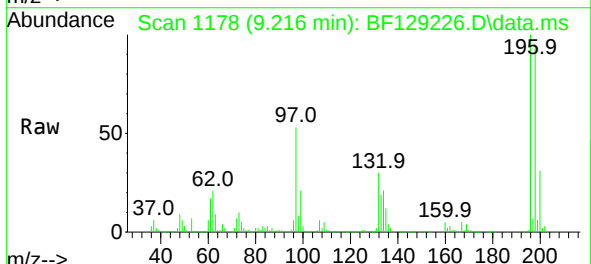
Ion Ratio Lower Upper

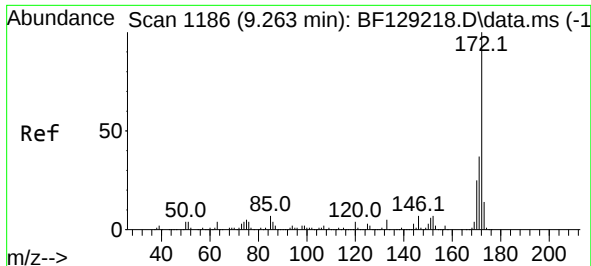
196 100

198 95.2 75.7 113.5

97 53.3 36.4 54.6

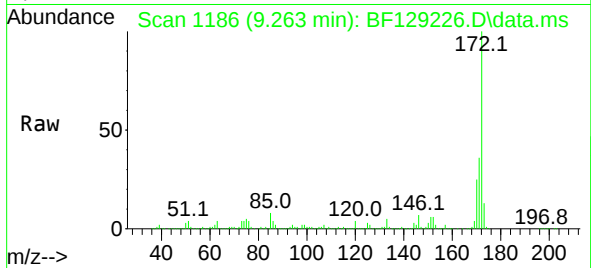
132 30.0 20.7 31.1





#45
2-Fluorobiphenyl
Concen: 65.148 ng
RT: 9.263 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19

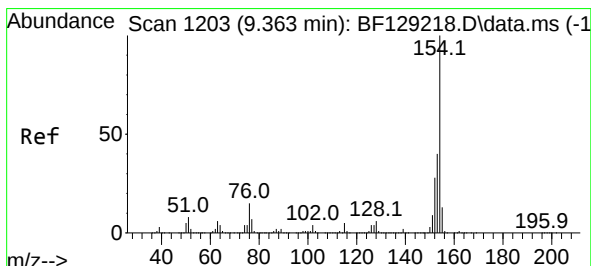
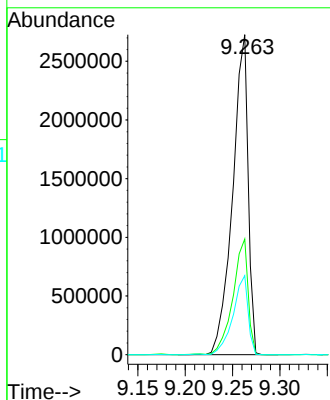
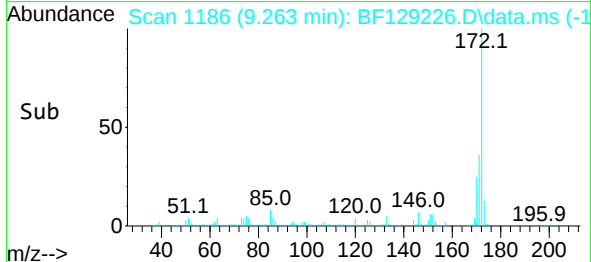
Instrument :
BNA_F
ClientSampleId :
PB146128BS



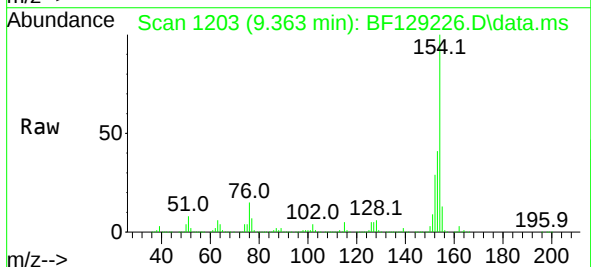
Tgt Ion:172 Resp: 3099614
Ion Ratio Lower Upper
172 100
171 36.1 28.8 43.2
170 24.7 19.8 29.8

Manual Integrations
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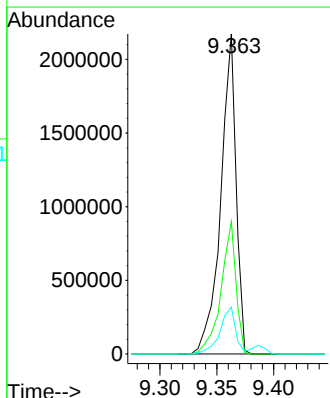
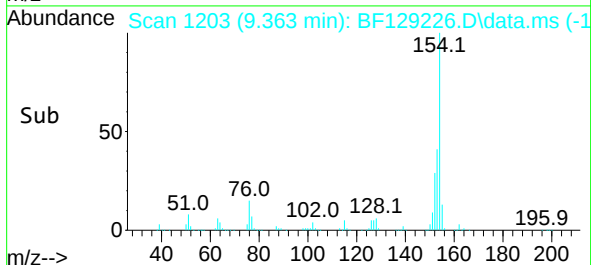
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022

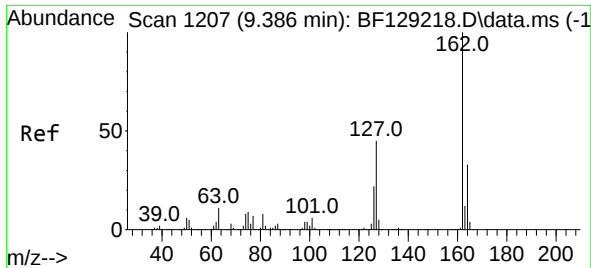


#46
1,1'-Biphenyl
Concen: 38.529 ng
RT: 9.363 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19



Tgt Ion:154 Resp: 2044745
Ion Ratio Lower Upper
154 100
153 41.4 20.6 60.6
76 14.7 0.0 33.3





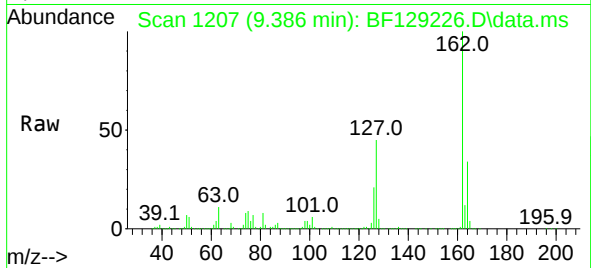
#47
2-Chloronaphthalene
Concen: 38.938 ng
RT: 9.386 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19

Instrument :

BNA_F

ClientSampleId :

PB146128BS

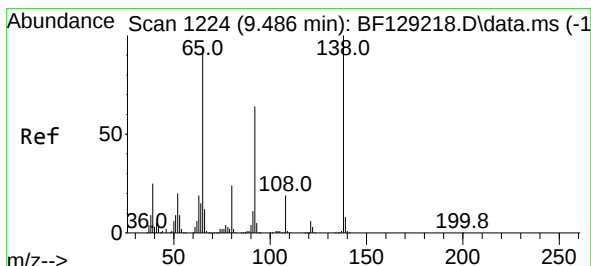
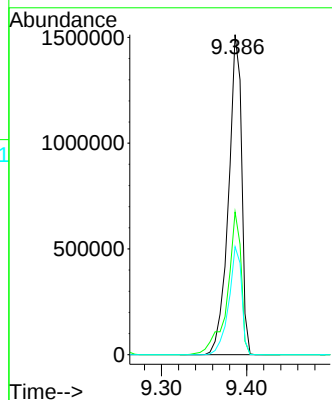
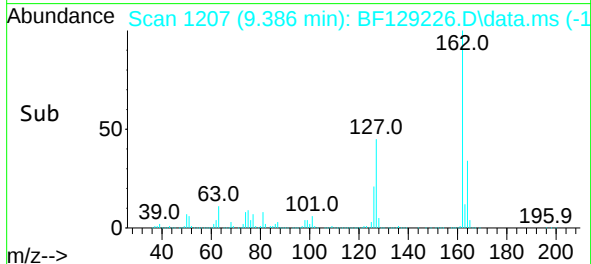


Tgt Ion:162 Resp: 1620790
Ion Ratio Lower Upper
162 100
127 44.6 34.5 51.7
164 33.8 26.5 39.7

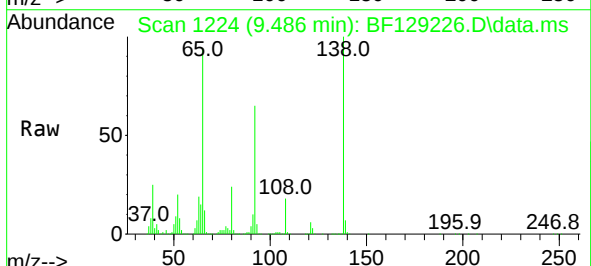
Manual Integrations

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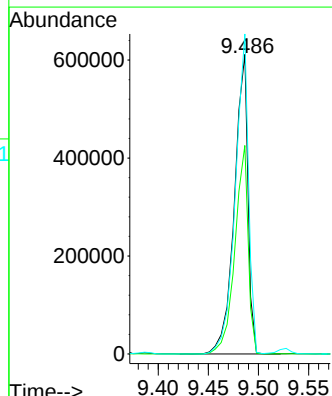
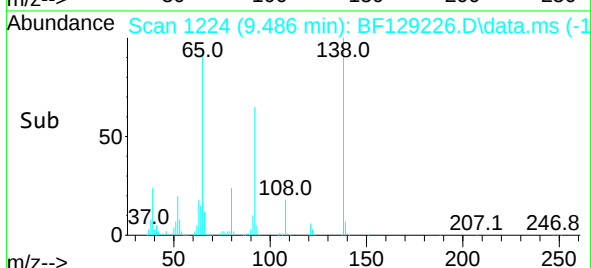
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022

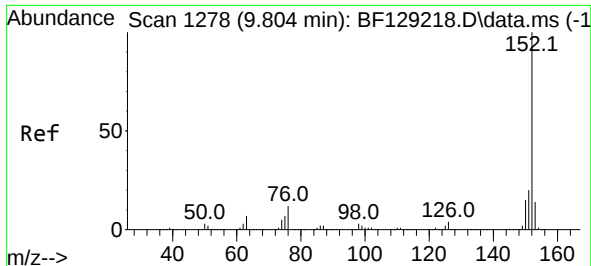


#48
2-Nitroaniline
Concen: 41.067 ng
RT: 9.486 min Scan# 1224
Delta R.T. 0.000 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19



Tgt Ion: 65 Resp: 578497
Ion Ratio Lower Upper
65 100
92 69.6 51.9 77.9
138 106.8 76.4 114.6





#49

Acenaphthylene

Concen: 40.344 ng

RT: 9.804 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF129226.D

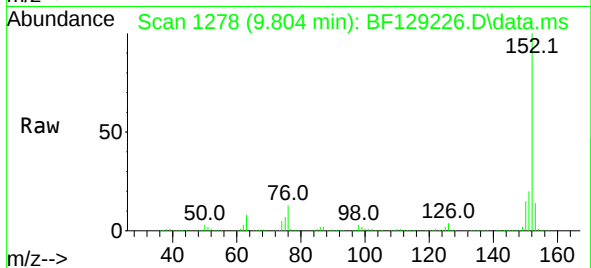
Acq: 14 Jul 2022 18:19

Instrument :

BNA_F

ClientSampleId :

PB146128BS



Tgt Ion:152 Resp: 250125

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4

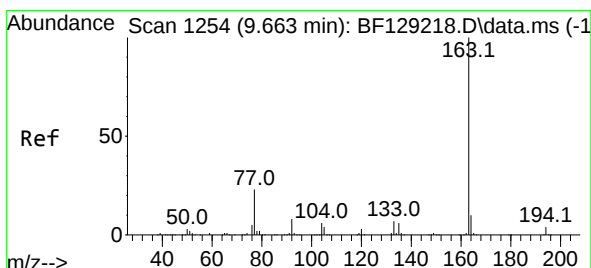
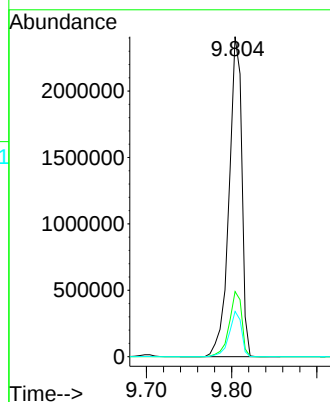
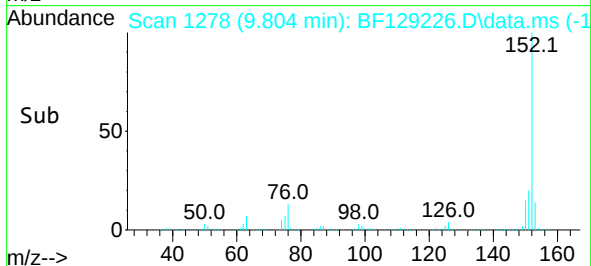
153 14.2 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/15/2022

Supervised By :Jagrut Upadhyay 07/15/2022



#50

Dimethylphthalate

Concen: 40.128 ng

RT: 9.663 min Scan# 1254

Delta R.T. 0.000 min

Lab File: BF129226.D

Acq: 14 Jul 2022 18:19

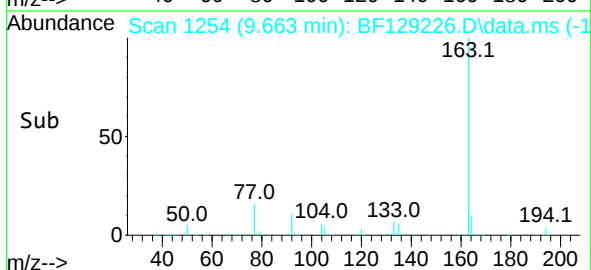
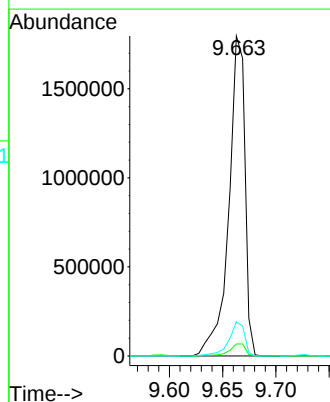
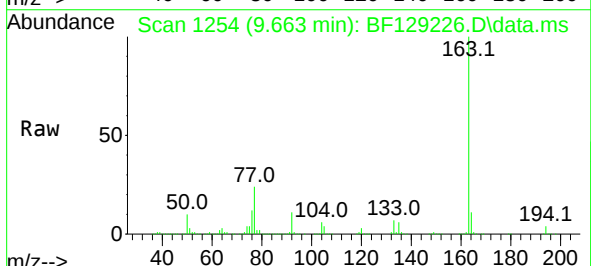
Tgt Ion:163 Resp: 1894799

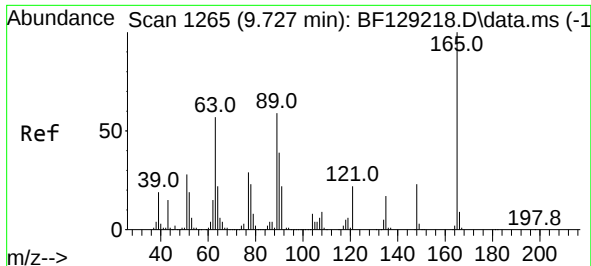
Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

164 10.7 8.2 12.2





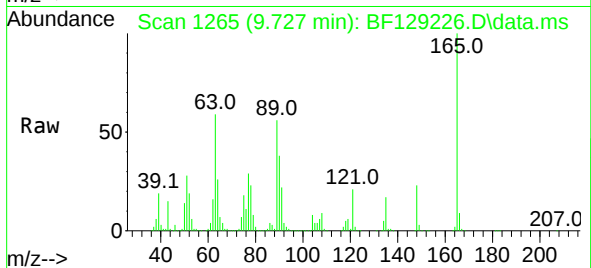
#51
2,6-Dinitrotoluene
Concen: 43.653 ng
RT: 9.727 min Scan# 1265
Delta R.T. 0.000 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19

Instrument :

BNA_F

ClientSampleId :

PB146128BS

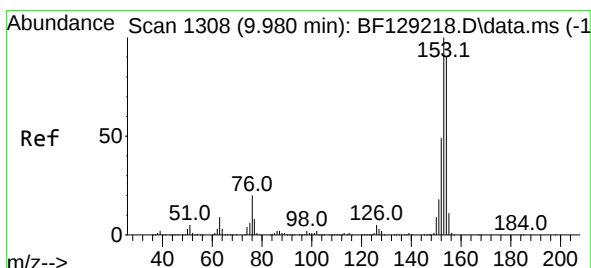
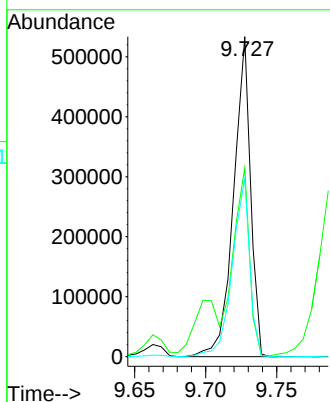
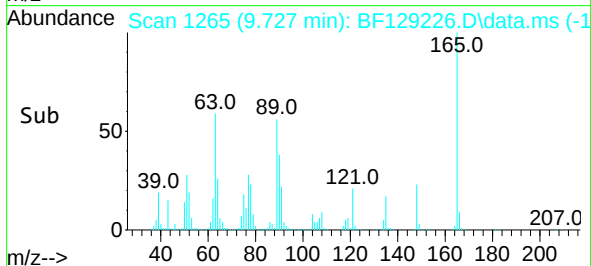


Tgt Ion:165 Resp: 443849
Ion Ratio Lower Upper
165 100
63 59.0 44.9 67.3
89 55.6 43.6 65.4

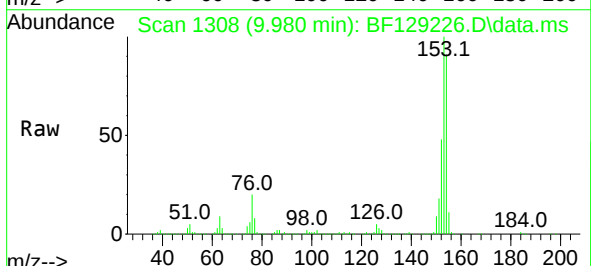
Manual Integrations

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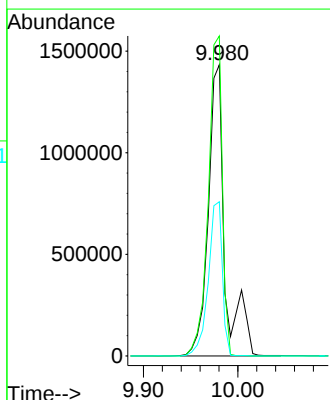
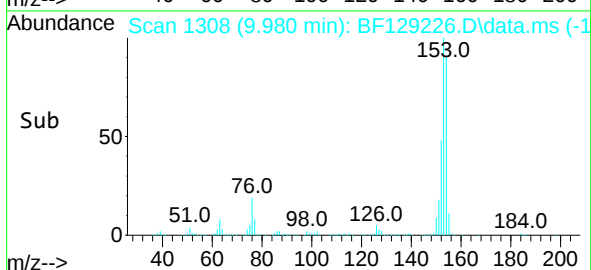
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022

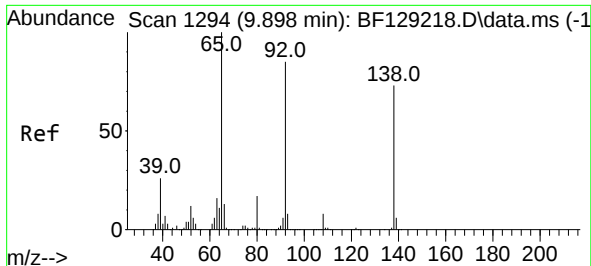


#52
Acenaphthene
Concen: 44.011 ng m
RT: 9.980 min Scan# 1308
Delta R.T. 0.000 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19



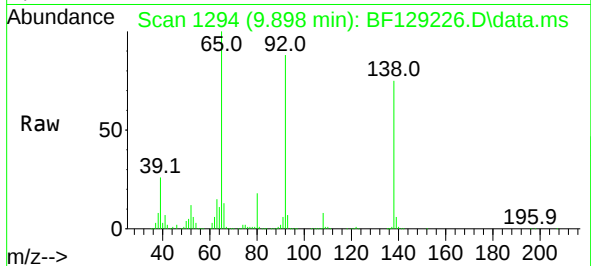
Tgt Ion:154 Resp: 1768183
Ion Ratio Lower Upper
154 100
153 109.9 89.6 134.4
152 52.9 42.4 63.6





#53
3-Nitroaniline
Concen: 33.928 ng
RT: 9.898 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19

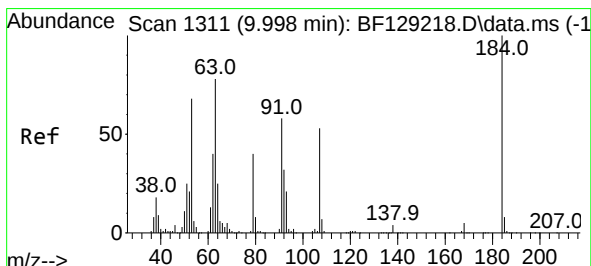
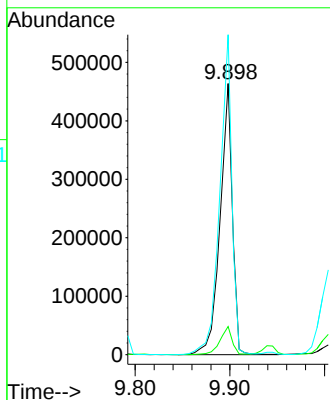
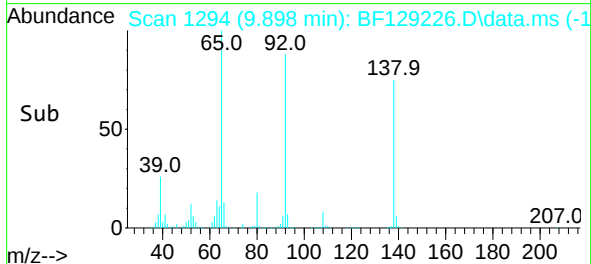
Instrument :
BNA_F
ClientSampleId :
PB146128BS



Tgt Ion:138 Resp: 419054
Ion Ratio Lower Upper
138 100
108 10.4 10.9 16.3
92 118.0 98.2 147.2

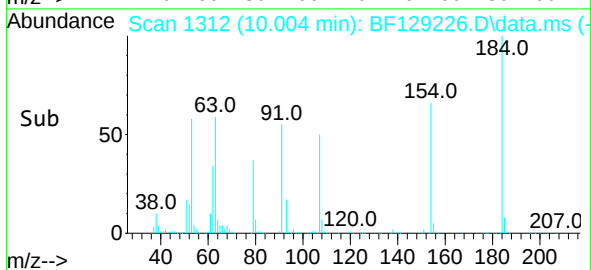
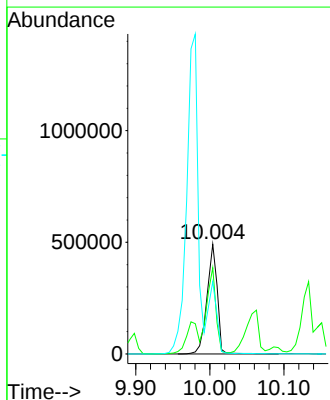
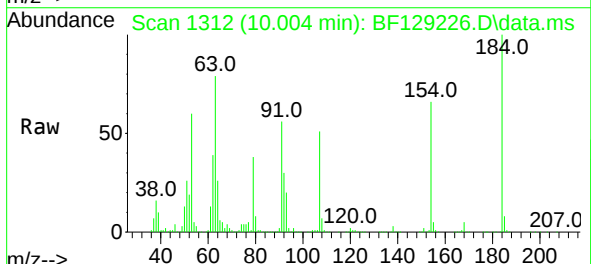
Manual Integrations
APPROVED

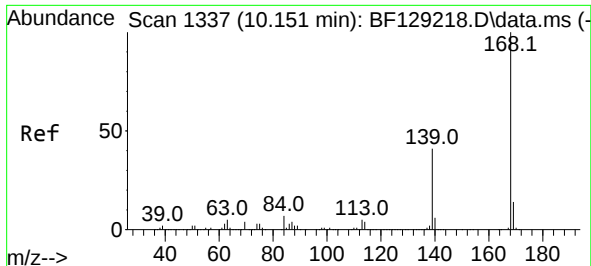
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022



#54
2,4-Dinitrophenol
Concen: 79.240 ng
RT: 10.004 min Scan# 1312
Delta R.T. 0.006 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19

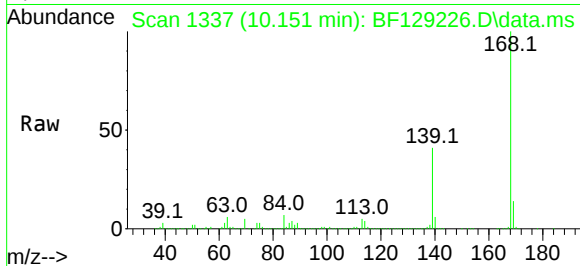
Tgt Ion:184 Resp: 475452
Ion Ratio Lower Upper
184 100
63 78.5 64.5 96.7
154 65.9 50.6 75.8





#55
Dibenzofuran
Concen: 38.397 ng
RT: 10.151 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19

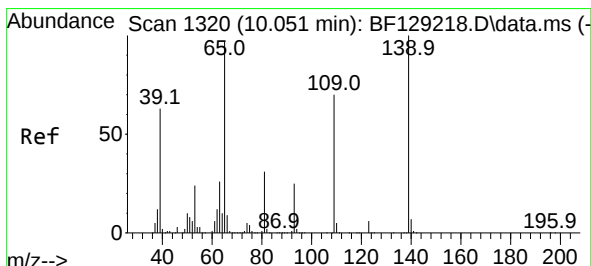
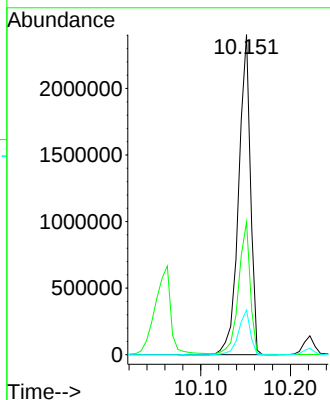
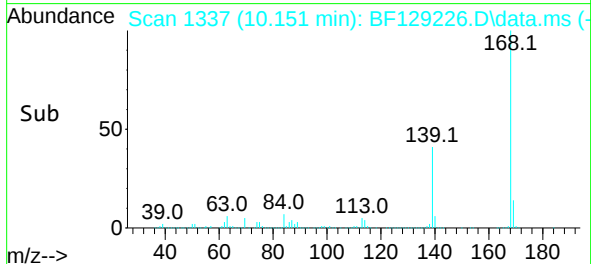
Instrument :
BNA_F
ClientSampleId :
PB146128BS



Tgt Ion:168 Resp: 219061
Ion Ratio Lower Upper
168 100
139 41.5 30.6 46.0
169 14.0 11.0 16.6

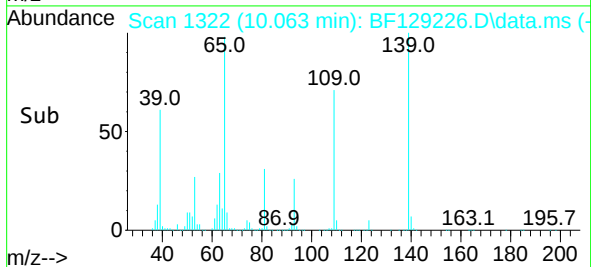
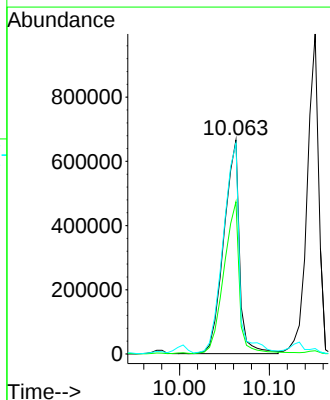
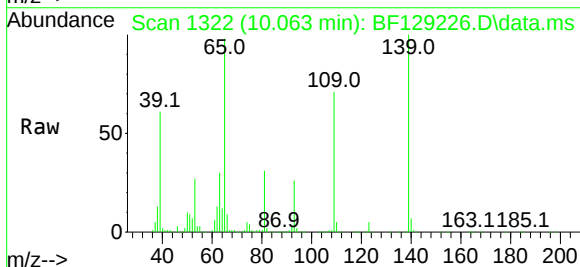
Manual Integrations
APPROVED

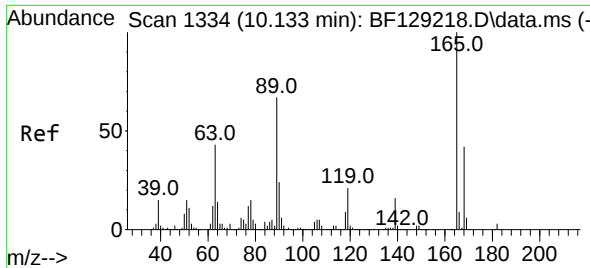
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022



#56
4-Nitrophenol
Concen: 82.832 ng
RT: 10.063 min Scan# 1322
Delta R.T. 0.012 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19

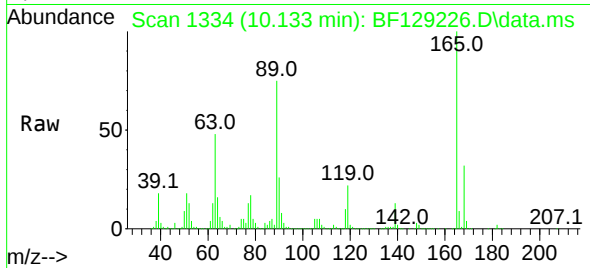
Tgt Ion:139 Resp: 809564
Ion Ratio Lower Upper
139 100
109 71.2 50.7 90.7
65 98.4 74.5 114.5





#57
2,4-Dinitrotoluene
Concen: 44.331 ng
RT: 10.133 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19

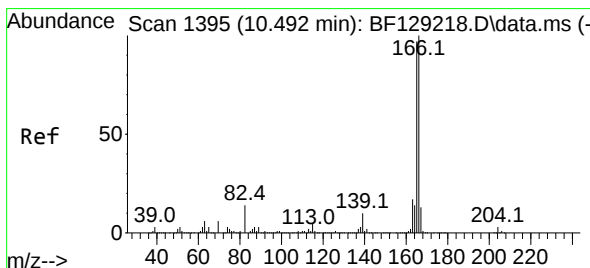
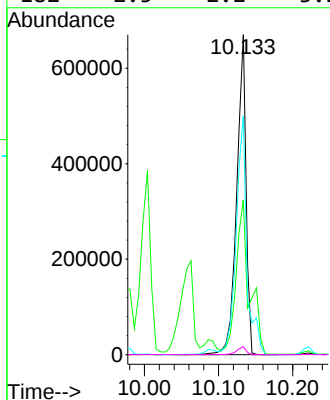
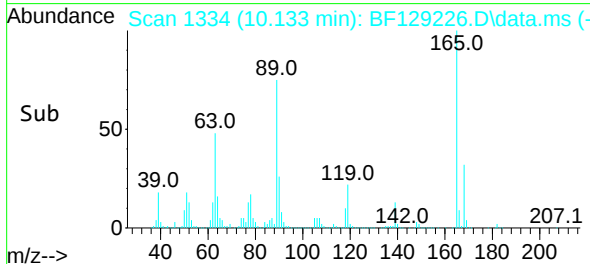
Instrument :
BNA_F
ClientSampleId :
PB146128BS



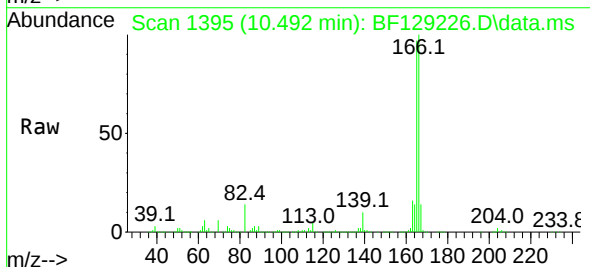
Tgt Ion:165 Resp: 586569
Ion Ratio Lower Upper
165 100
63 48.3 39.8 59.6
89 74.6 60.2 90.2
182 2.5 2.2 3.2

Manual Integrations
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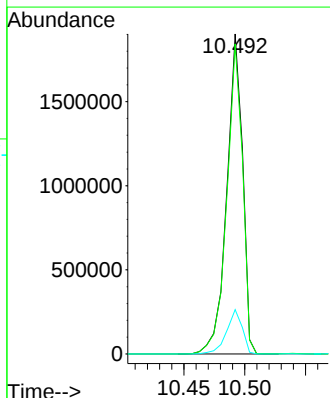
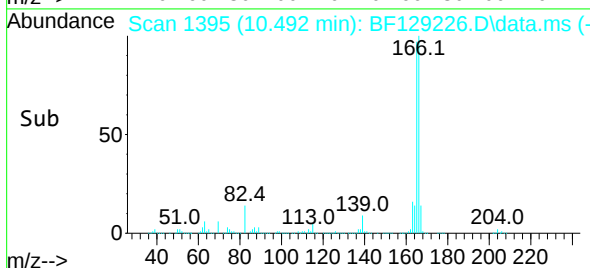
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022

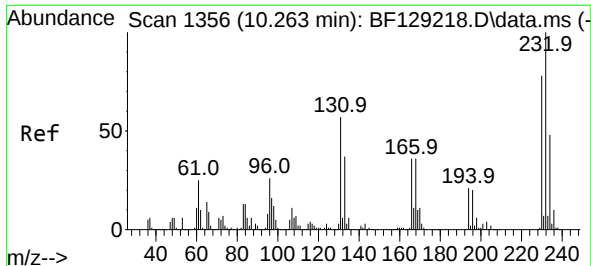


#58
Fluorene
Concen: 39.532 ng
RT: 10.492 min Scan# 1395
Delta R.T. 0.000 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19



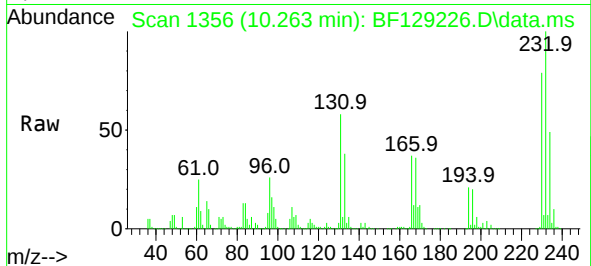
Tgt Ion:166 Resp: 1717208
Ion Ratio Lower Upper
166 100
165 96.9 78.1 117.1
167 13.9 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.743 ng
RT: 10.263 min Scan# 1356
Delta R.T. 0.000 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19

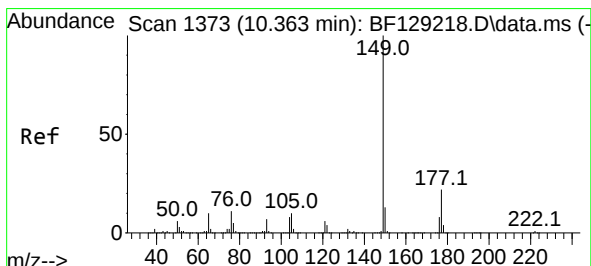
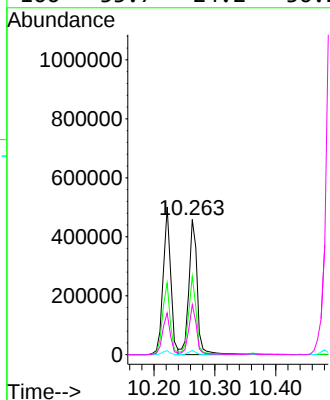
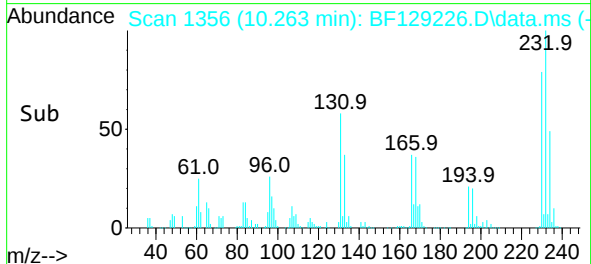
Instrument :
BNA_F
ClientSampleId :
PB146128BS



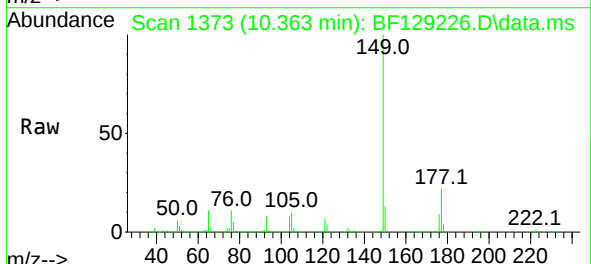
Tgt Ion:232 Resp: 438471
Ion Ratio Lower Upper
232 100
131 52.9 36.1 54.1
130 2.8 1.8 2.8
166 33.7 24.2 36.2

Manual Integrations
APPROVED

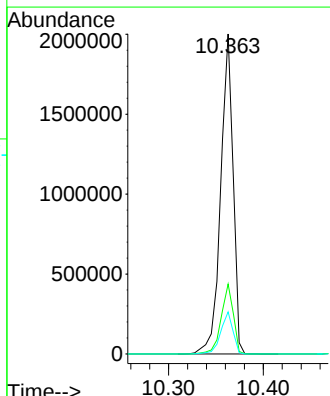
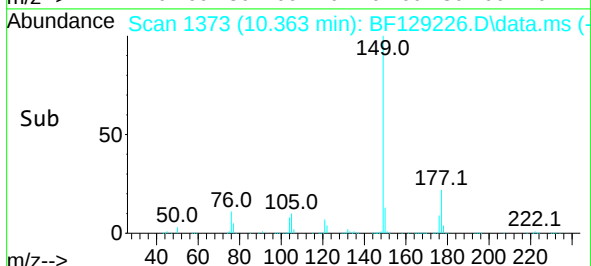
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022

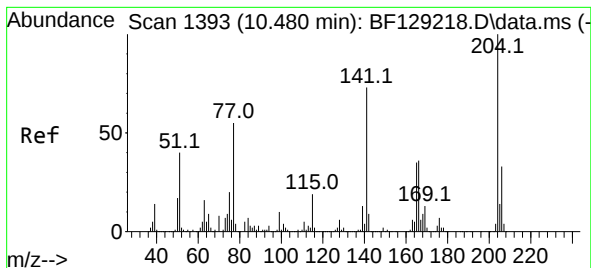


#60
Diethylphthalate
Concen: 40.112 ng
RT: 10.363 min Scan# 1373
Delta R.T. 0.000 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19



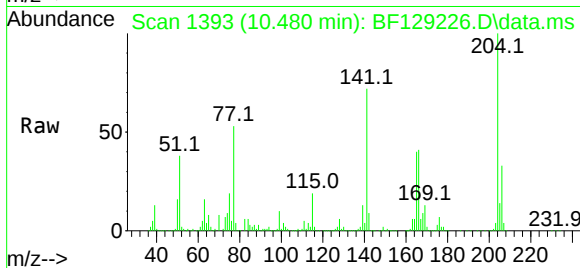
Tgt Ion:149 Resp: 1823809
Ion Ratio Lower Upper
149 100
177 21.9 17.3 25.9
150 13.1 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 38.512 ng
RT: 10.480 min Scan# 1400
Delta R.T. 0.000 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19

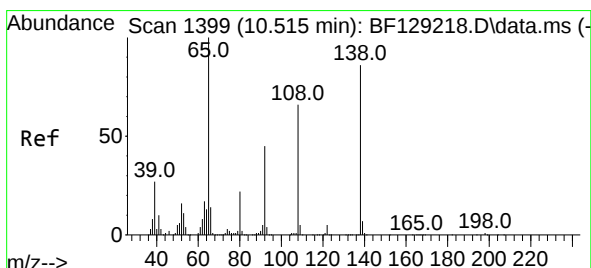
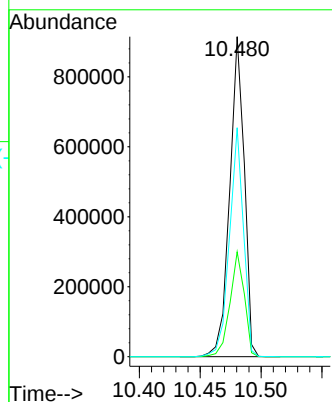
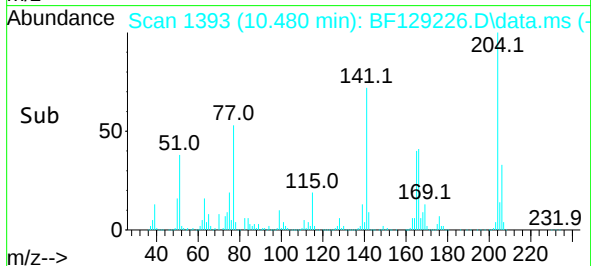
Instrument :
BNA_F
ClientSampleId :
PB146128BS



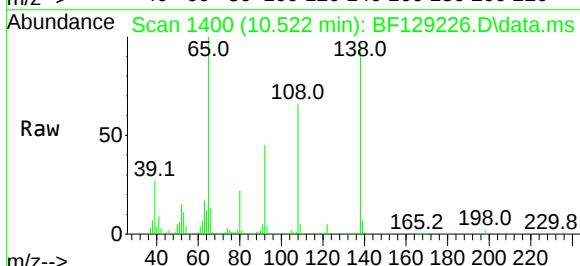
Tgt Ion:204 Resp: 762558
Ion Ratio Lower Upper
204 100
206 32.7 25.8 38.6
141 71.6 47.0 70.4

Manual Integrations
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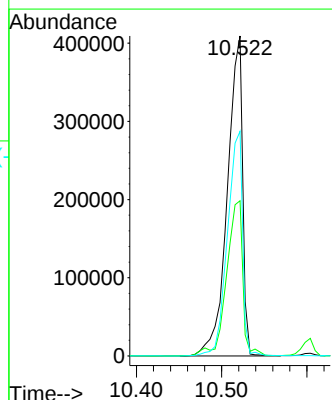
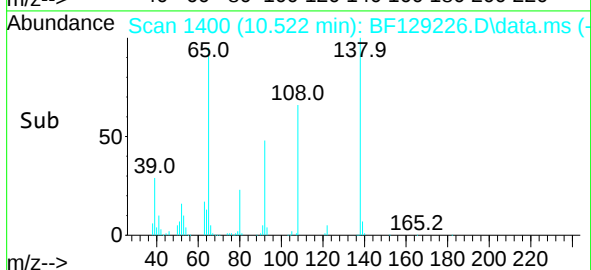
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022

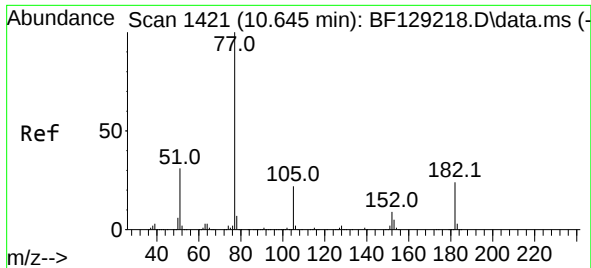


#62
4-Nitroaniline
Concen: 41.767 ng
RT: 10.522 min Scan# 1400
Delta R.T. 0.006 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19



Tgt Ion:138 Resp: 508740
Ion Ratio Lower Upper
138 100
92 48.5 33.5 73.5
108 70.2 61.0 101.0





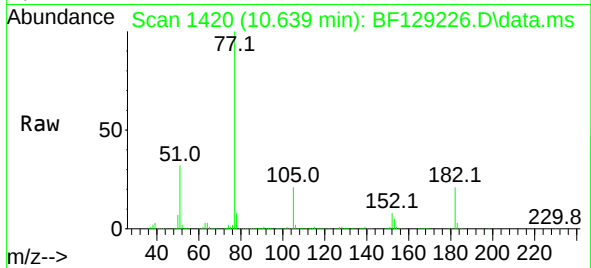
#63
Azobenzene
Concen: 39.211 ng
RT: 10.639 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19

Instrument :

BNA_F

ClientSampleId :

PB146128BS

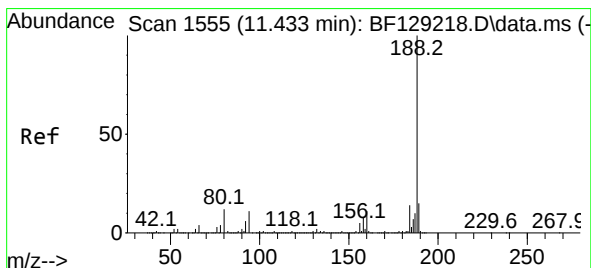
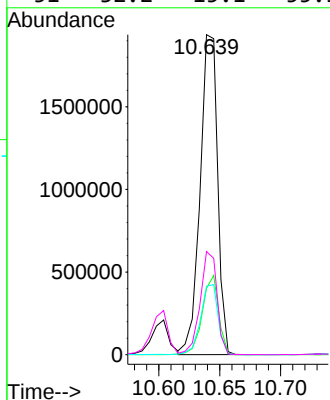
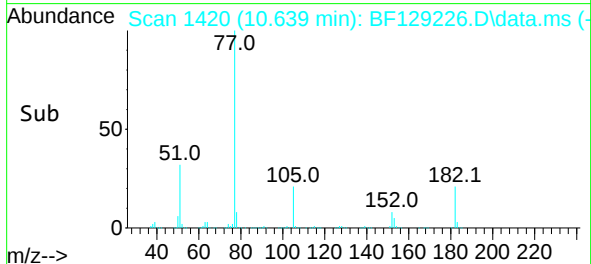


Tgt Ion: 77 Resp: 1935094
Ion Ratio Lower Upper
77 100
182 20.8 5.6 45.6
105 21.4 1.6 41.6
51 32.2 15.1 55.1

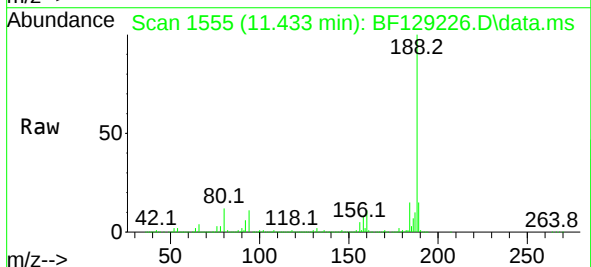
Manual Integrations

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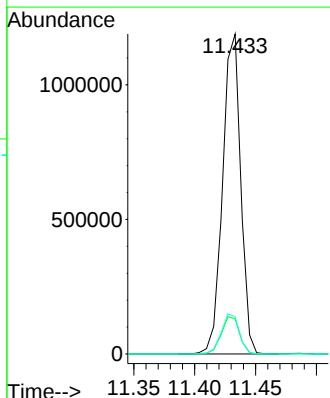
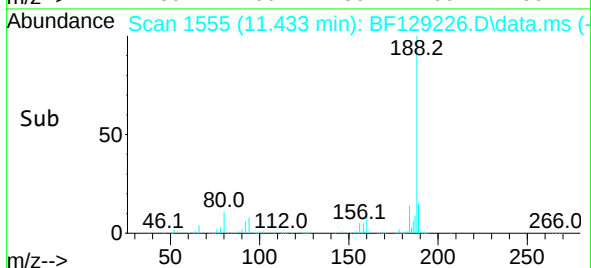
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022

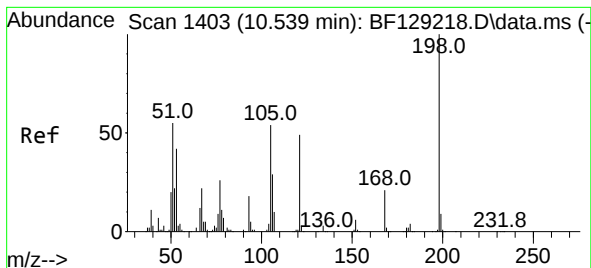


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19



Tgt Ion:188 Resp: 1228376
Ion Ratio Lower Upper
188 100
94 11.0 7.0 10.6#
80 11.6 7.6 11.4#





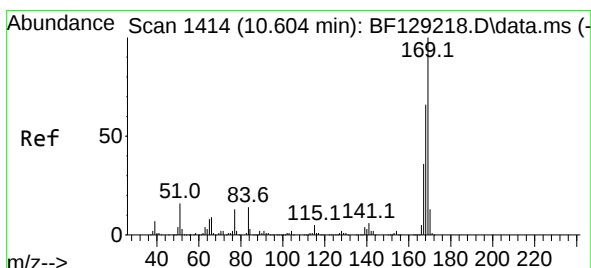
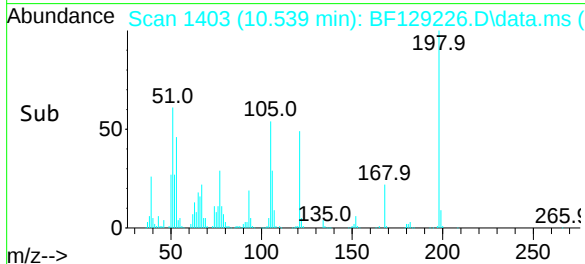
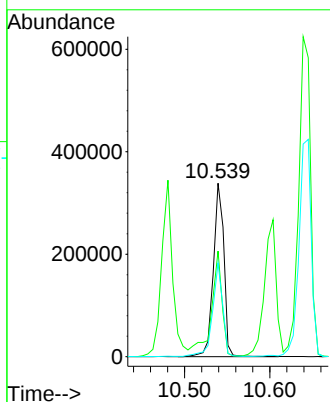
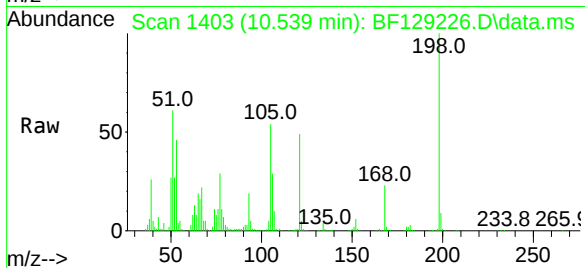
#65
4,6-Dinitro-2-methylphenol
Concen: 38.537 ng
RT: 10.539 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19

Instrument :
BNA_F
ClientSampleId :
PB146128BS

Tgt Ion:198 Resp: 29281
Ion Ratio Lower Upper
198 100
51 60.9 37.6 77.6
105 54.1 27.0 67.0

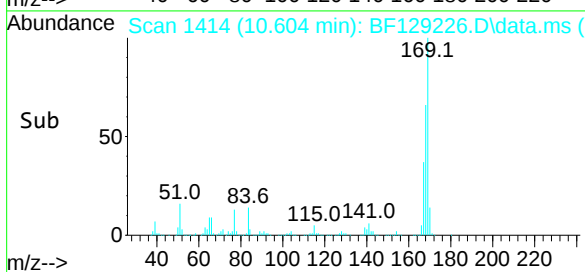
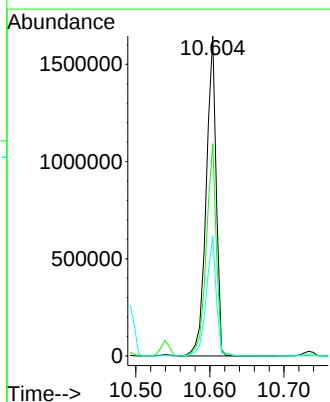
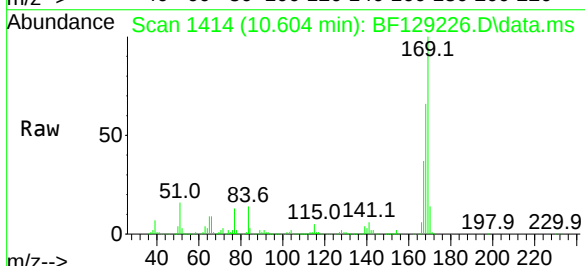
Manual Integrations
APPROVED

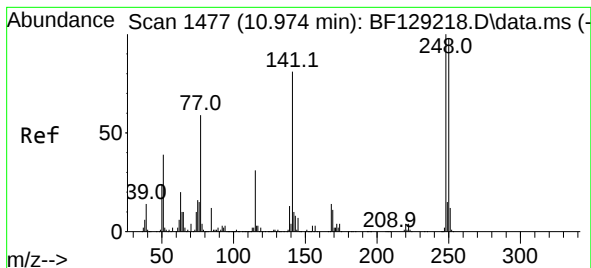
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022



#66
n-Nitrosodiphenylamine
Concen: 39.577 ng
RT: 10.604 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19

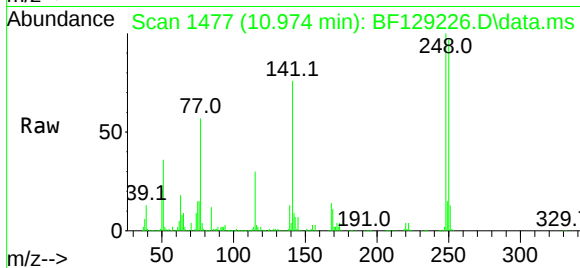
Tgt Ion:169 Resp: 1539694
Ion Ratio Lower Upper
169 100
168 66.3 50.1 75.1
167 37.4 27.9 41.9





#67
4-Bromophenyl-phenylether
Concen: 39.388 ng
RT: 10.974 min Scan# 1477
Delta R.T. 0.000 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19

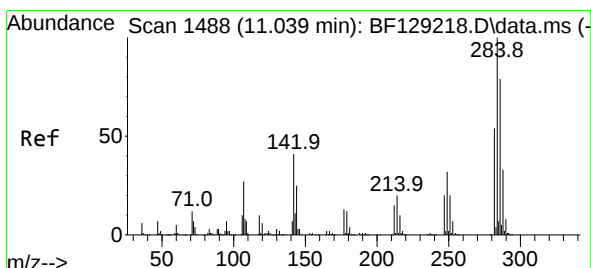
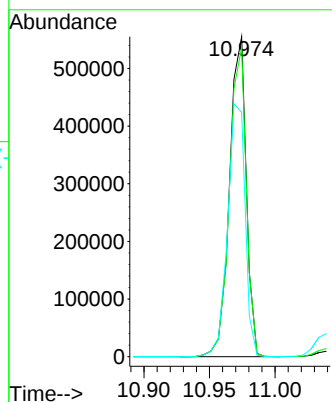
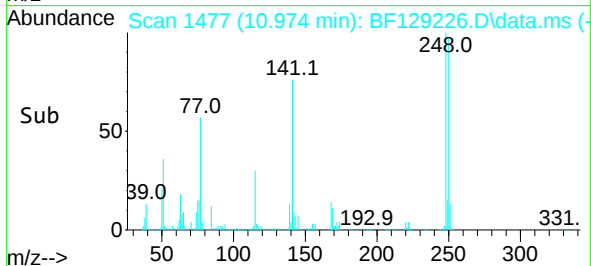
Instrument :
BNA_F
ClientSampleId :
PB146128BS



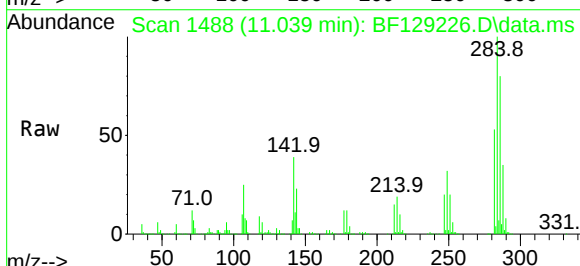
Tgt Ion:248 Resp: 492884
Ion Ratio Lower Upper
248 100
250 96.7 80.6 120.8
141 76.4 58.9 88.3

Manual Integrations
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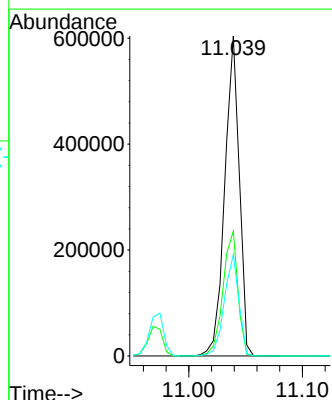
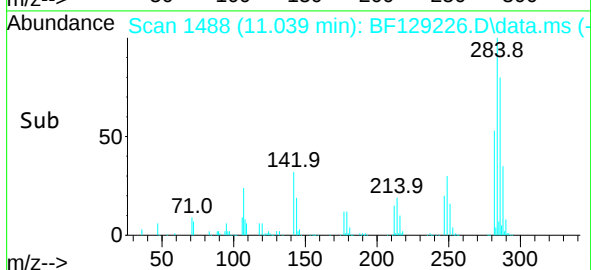
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022

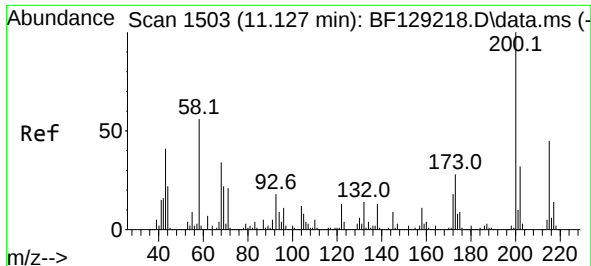


#68
Hexachlorobenzene
Concen: 40.541 ng
RT: 11.039 min Scan# 1488
Delta R.T. 0.000 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19



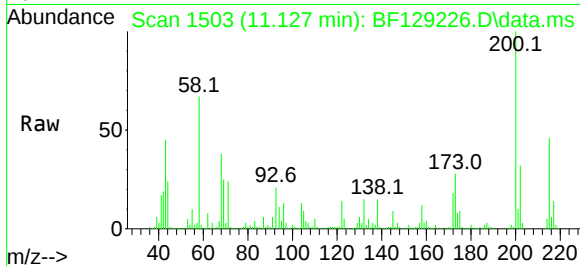
Tgt Ion:284 Resp: 537288
Ion Ratio Lower Upper
284 100
142 39.0 29.0 43.4
249 31.7 25.0 37.6





#69
 Atrazine
 Concen: 48.150 ng
 RT: 11.127 min Scan# 1503
 Delta R.T. 0.000 min
 Lab File: BF129226.D
 Acq: 14 Jul 2022 18:19

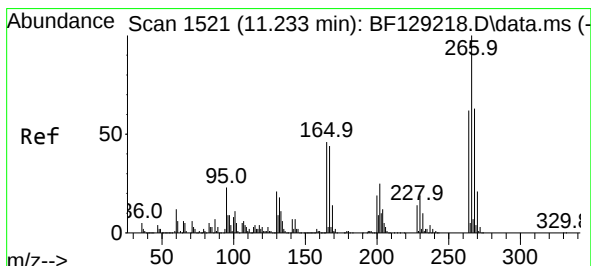
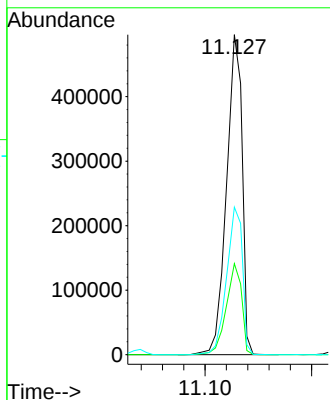
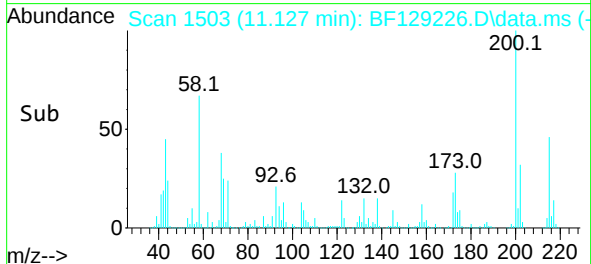
Instrument :
 BNA_F
 ClientSampleId :
 PB146128BS



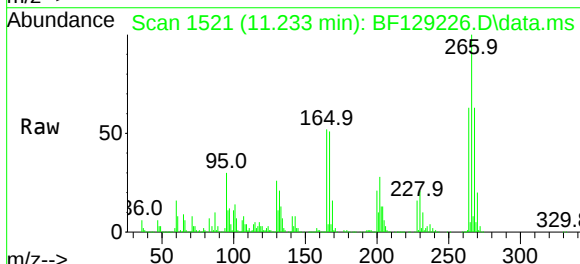
Tgt Ion:200 Resp: 503380
 Ion Ratio Lower Upper
 200 100
 173 28.5 6.3 46.3
 215 46.1 28.3 68.3

Manual Integrations
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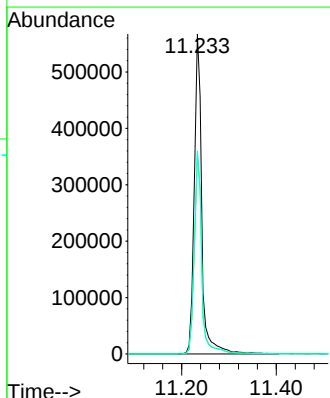
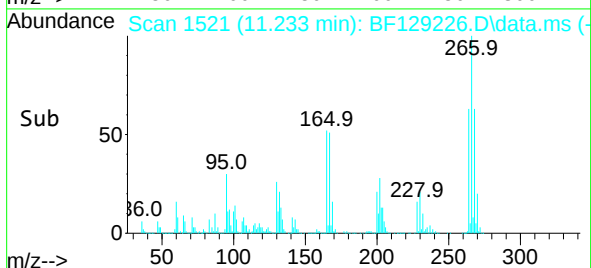
Reviewed By :Christian Giraldo 07/15/2022
 Supervised By :Jagrut Upadhyay 07/15/2022

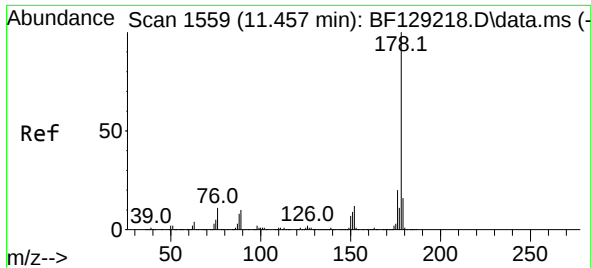


#70
 Pentachlorophenol
 Concen: 82.172 ng
 RT: 11.233 min Scan# 1521
 Delta R.T. 0.000 min
 Lab File: BF129226.D
 Acq: 14 Jul 2022 18:19



Tgt Ion:266 Resp: 628965
 Ion Ratio Lower Upper
 266 100
 268 62.7 51.0 76.4
 264 63.5 49.4 74.2





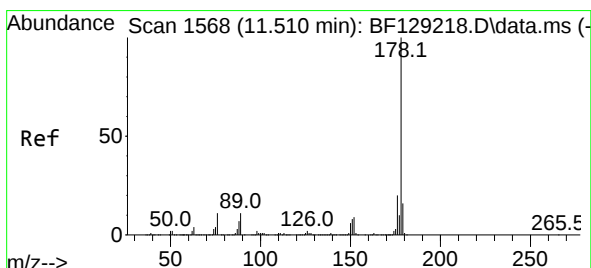
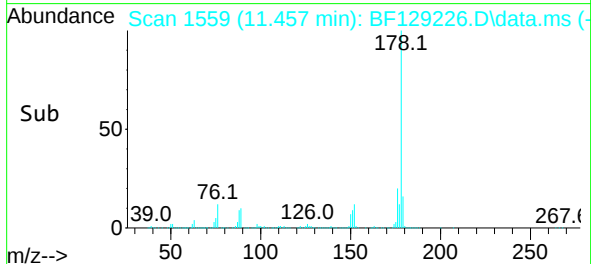
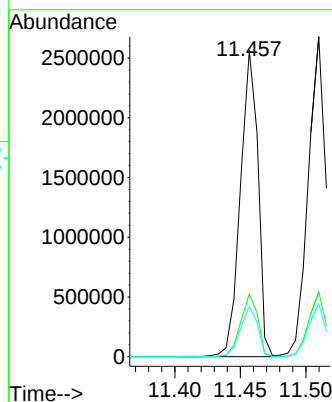
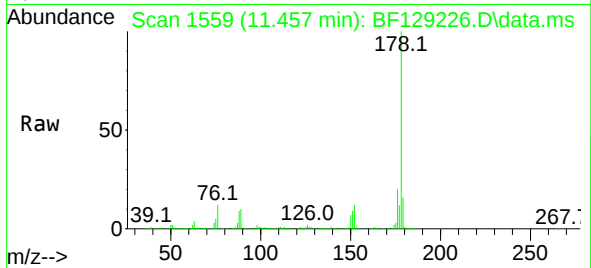
#71
Phenanthrene
Concen: 38.895 ng
RT: 11.457 min Scan# 1559
Delta R.T. 0.000 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19

Instrument :
BNA_F
ClientSampleId :
PB146128BS

Tgt Ion:178 Resp: 2403962
Ion Ratio Lower Upper
178 100
176 20.4 16.0 24.0
179 16.4 12.6 19.0

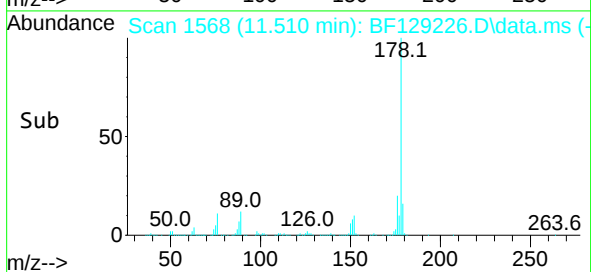
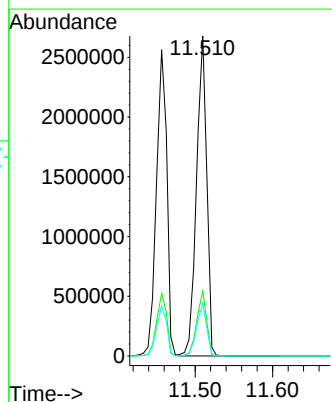
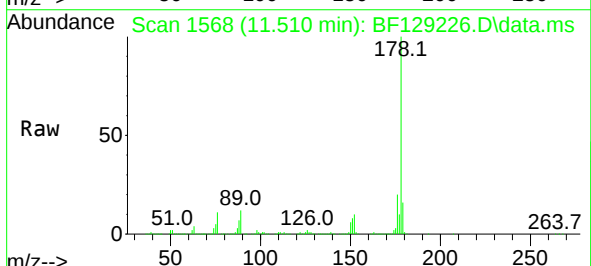
Manual Integrations
APPROVED

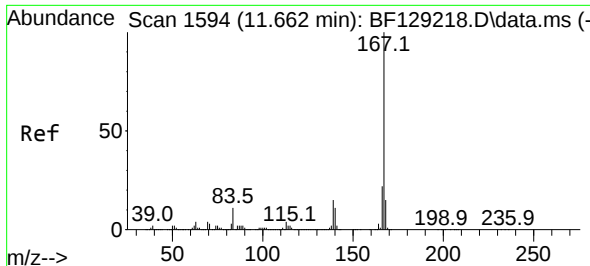
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022



#72
Anthracene
Concen: 40.033 ng
RT: 11.510 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19

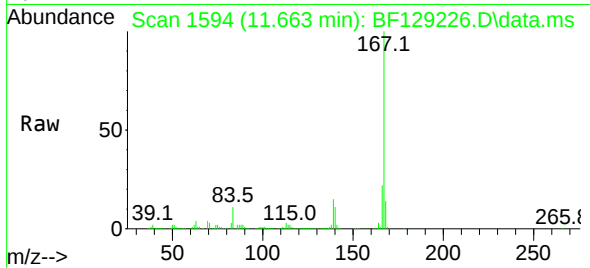
Tgt Ion:178 Resp: 2457356
Ion Ratio Lower Upper
178 100
176 20.2 15.4 23.2
179 16.4 12.6 19.0





#73
 Carbazole
 Concen: 38.487 ng
 RT: 11.663 min Scan# 1594
 Delta R.T. 0.000 min
 Lab File: BF129226.D
 Acq: 14 Jul 2022 18:19

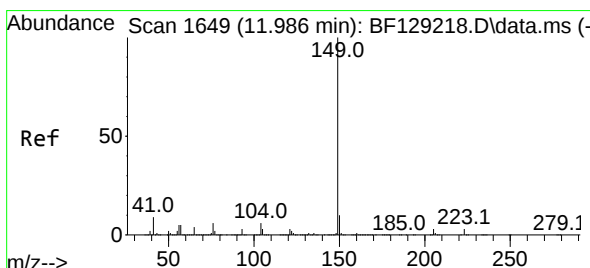
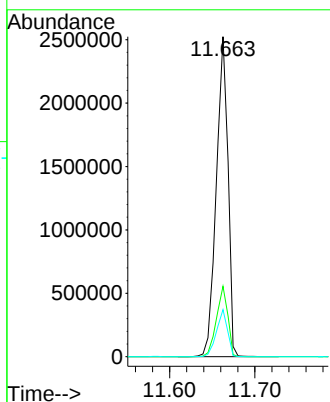
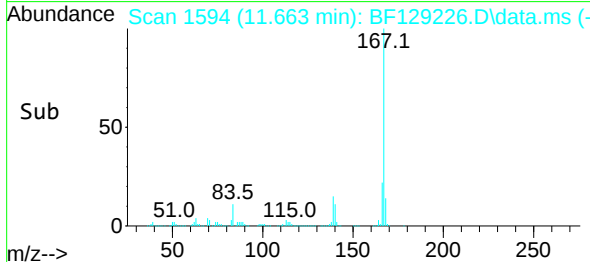
Instrument :
 BNA_F
 ClientSampleId :
 PB146128BS



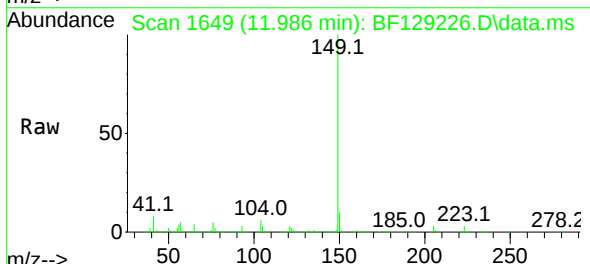
Tgt Ion:167 Resp: 239351
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.7 26.5
 139 14.7 11.2 16.8

Manual Integrations
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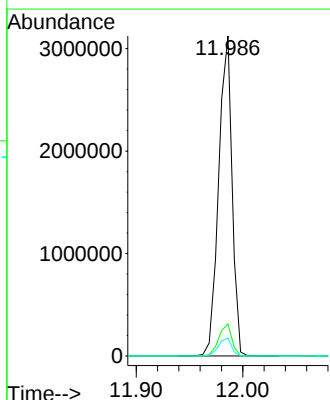
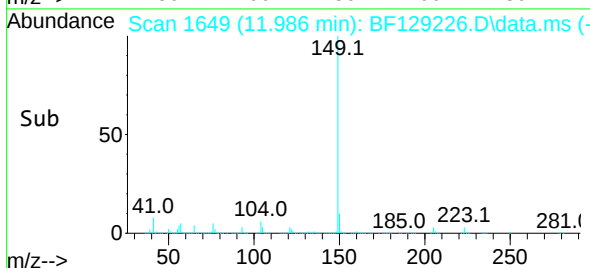
Reviewed By :Christian Giraldo 07/15/2022
 Supervised By :Jagrut Upadhyay 07/15/2022

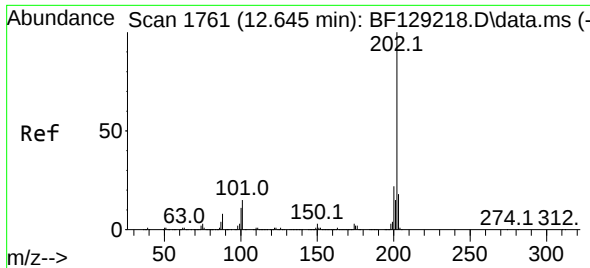


#74
 Di-n-butylphthalate
 Concen: 40.382 ng
 RT: 11.986 min Scan# 1649
 Delta R.T. 0.000 min
 Lab File: BF129226.D
 Acq: 14 Jul 2022 18:19



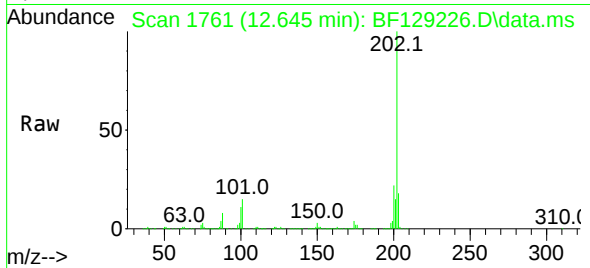
Tgt Ion:149 Resp: 2724096
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.5 11.3
 104 5.6 4.4 6.6





#75
Fluoranthene
Concen: 39.525 ng
RT: 12.645 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19

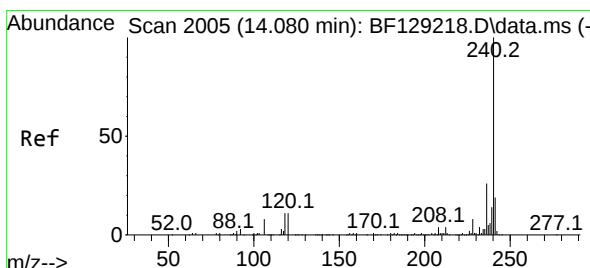
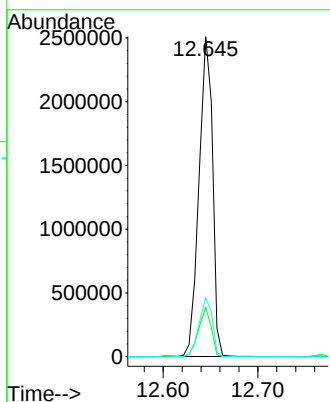
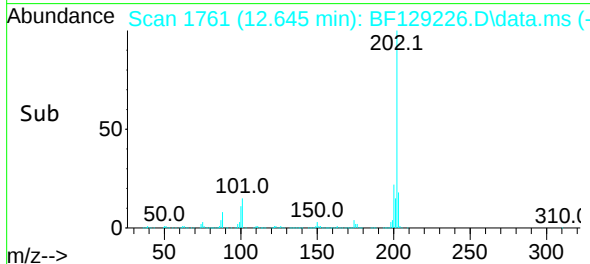
Instrument :
BNA_F
ClientSampleId :
PB146128BS



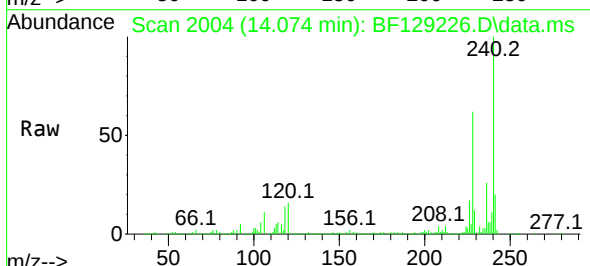
Tgt Ion:202 Resp: 2489200
Ion Ratio Lower Upper
202 100
101 15.4 0.0 31.4
203 18.4 0.0 38.0

Manual Integrations
APPROVED

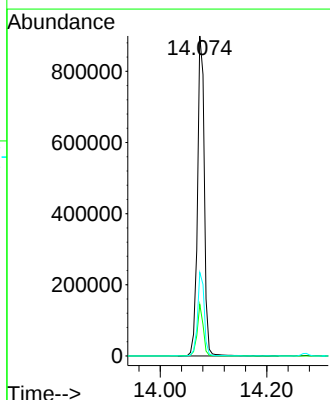
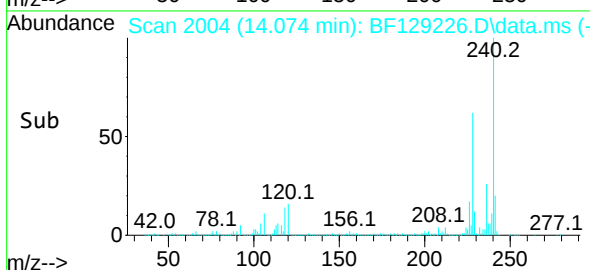
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022

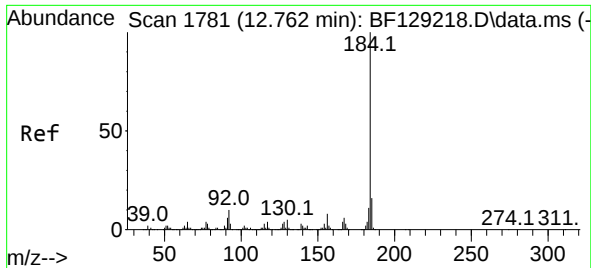


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19



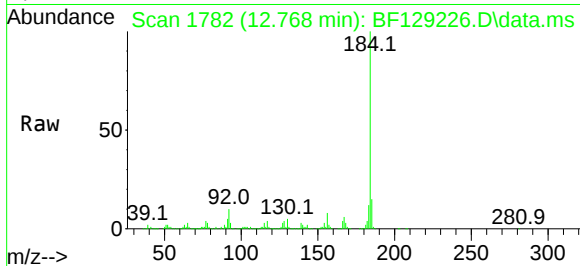
Tgt Ion:240 Resp: 801731
Ion Ratio Lower Upper
240 100
120 16.1 8.9 13.3#
236 26.1 20.8 31.2





#77
Benzidine
Concen: 89.654 ng
RT: 12.768 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19

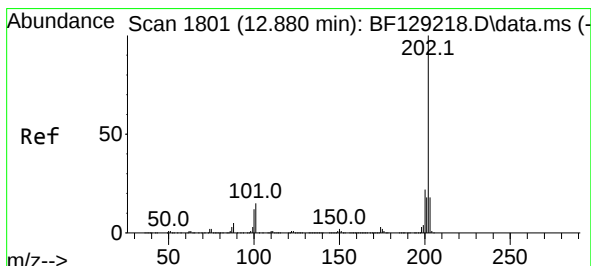
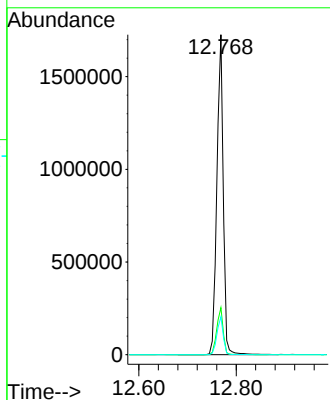
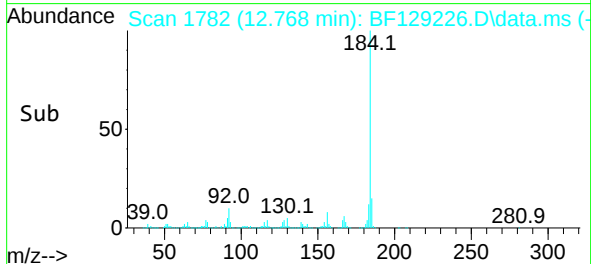
Instrument :
BNA_F
ClientSampleId :
PB146128BS



Tgt Ion:184 Resp: 1560492
Ion Ratio Lower Upper
184 100
185 14.7 11.9 17.9
183 11.8 9.3 13.9

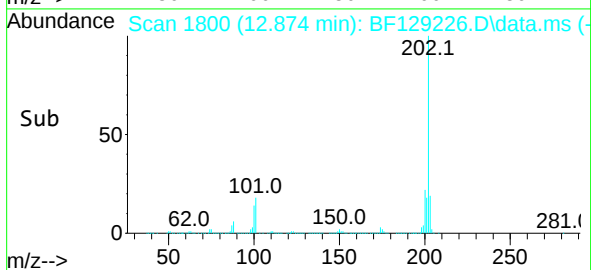
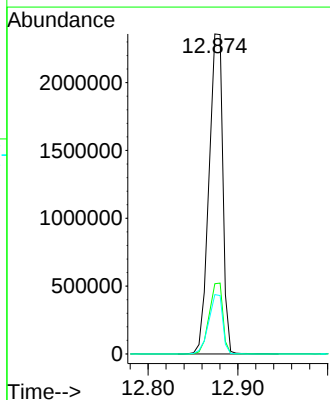
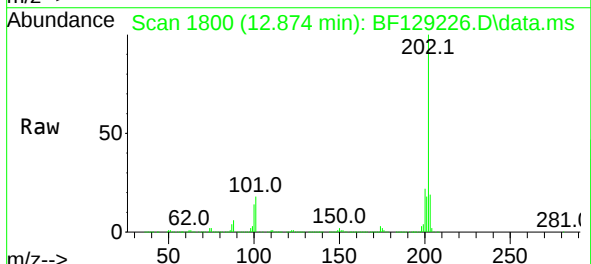
Manual Integrations
APPROVED

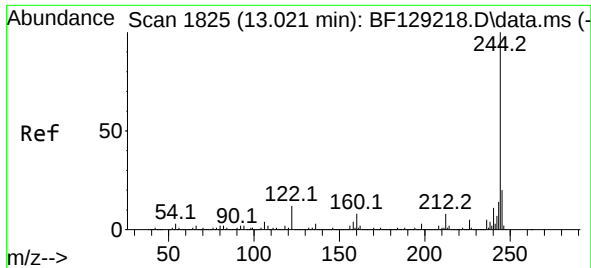
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022



#78
Pyrene
Concen: 40.938 ng
RT: 12.874 min Scan# 1800
Delta R.T. -0.006 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19

Tgt Ion:202 Resp: 2516684
Ion Ratio Lower Upper
202 100
200 21.9 17.7 26.5
203 18.6 14.6 21.8





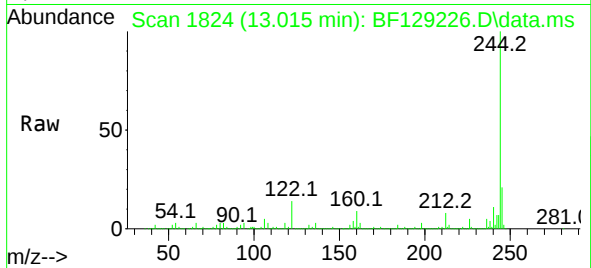
#79
 Terphenyl-d14
 Concen: 77.088 ng
 RT: 13.015 min Scan# 1825
 Delta R.T. -0.006 min
 Lab File: BF129226.D
 Acq: 14 Jul 2022 18:19

Instrument :

BNA_F

ClientSampleId :

PB146128BS

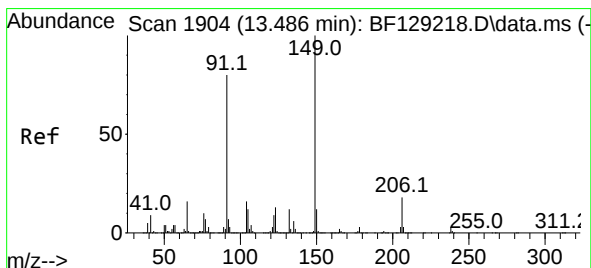
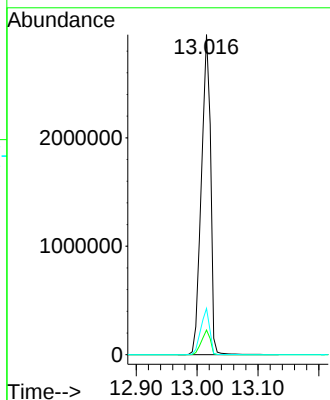
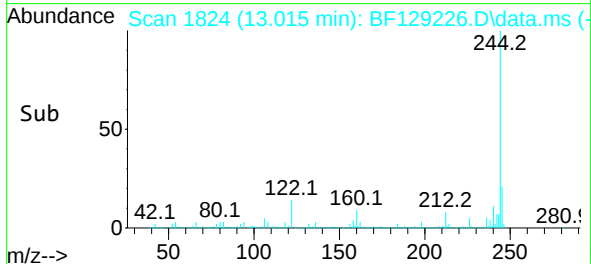


Tgt Ion:244 Resp: 307864
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.1 9.1
 122 14.4 8.8 13.2

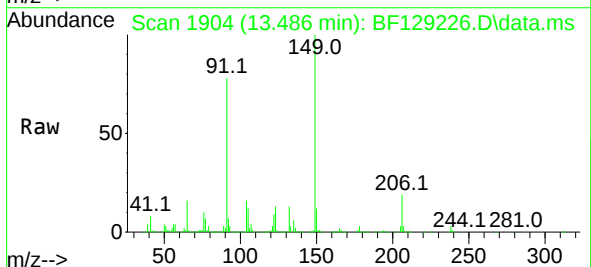
Manual Integrations

APPROVED

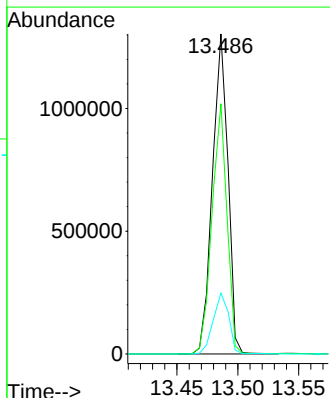
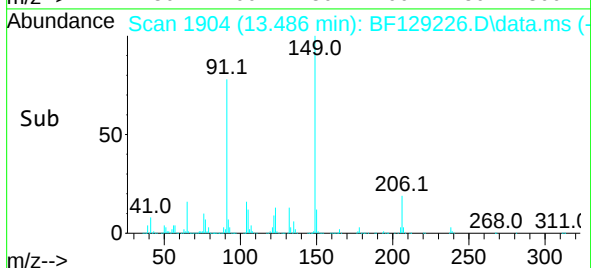
Reviewed By :Christian Giraldo 07/15/2022
 Supervised By :Jagrut Upadhyay 07/15/2022

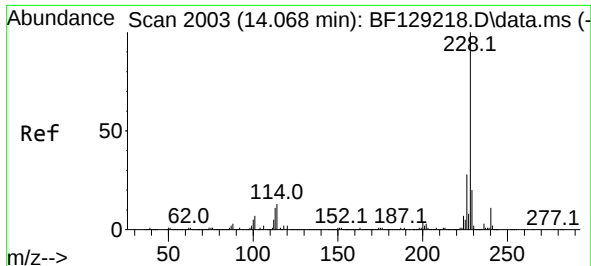


#80
 Butylbenzylphthalate
 Concen: 43.533 ng
 RT: 13.486 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: BF129226.D
 Acq: 14 Jul 2022 18:19



Tgt Ion:149 Resp: 1150260
 Ion Ratio Lower Upper
 149 100
 91 78.2 61.2 91.8
 206 19.0 15.7 23.5





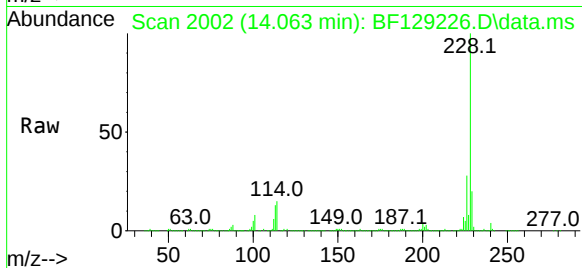
#81
Benzo(a)anthracene
Concen: 40.281 ng
RT: 14.063 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19

Instrument :

BNA_F

ClientSampleId :

PB146128BS

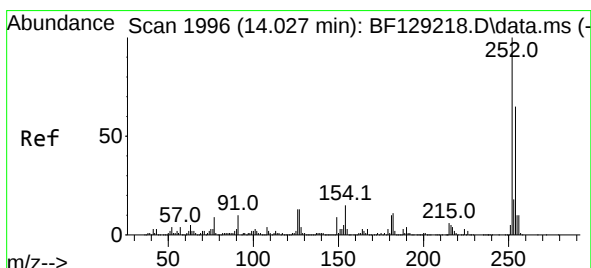
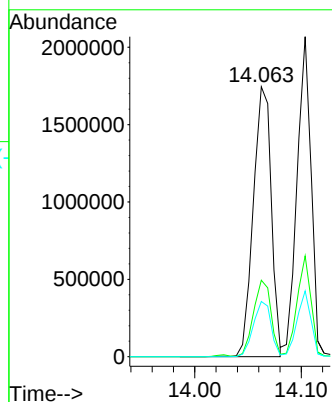
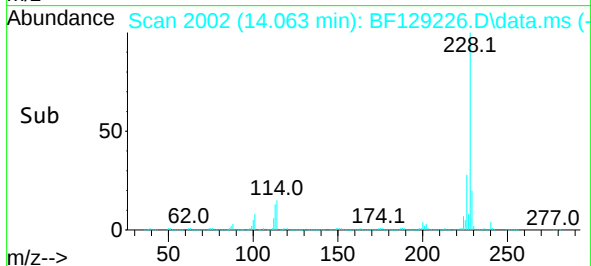


Tgt Ion:228 Resp: 203786
Ion Ratio Lower Upper
228 100
226 28.3 22.1 33.1
229 20.4 15.8 23.8

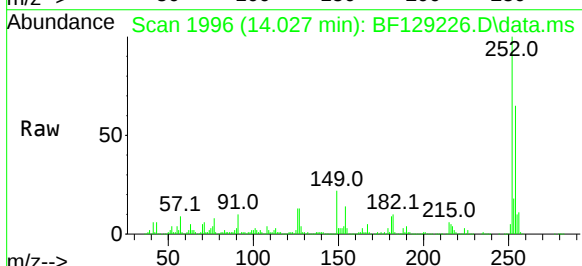
Manual Integrations

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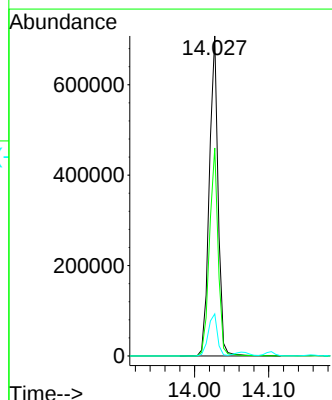
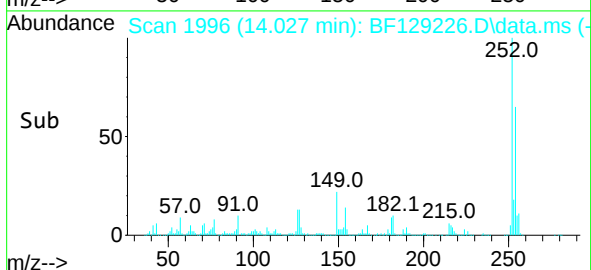
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022

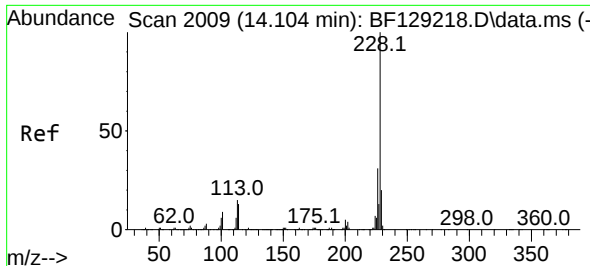


#82
3,3'-Dichlorobenzidine
Concen: 48.960 ng
RT: 14.027 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19



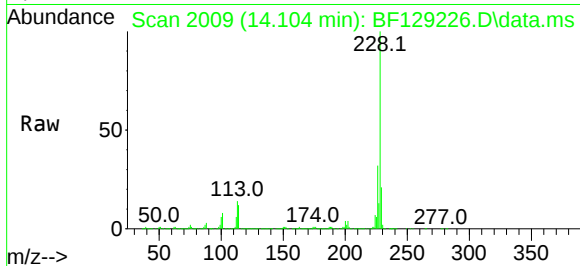
Tgt Ion:252 Resp: 584635
Ion Ratio Lower Upper
252 100
254 65.0 50.2 75.4
126 13.1 8.2 12.4





#83
Chrysene
Concen: 40.053 ng
RT: 14.104 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19

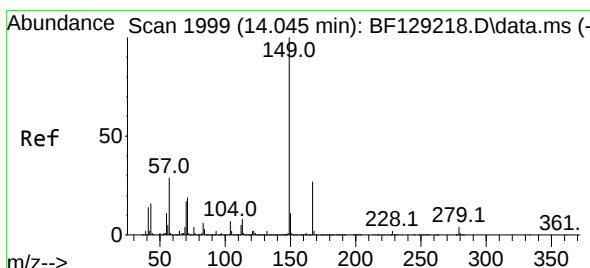
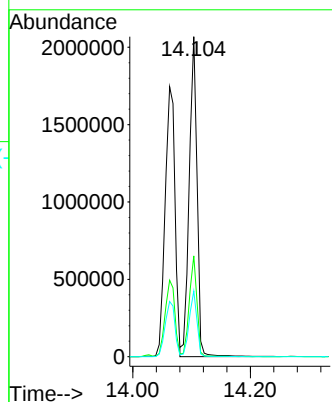
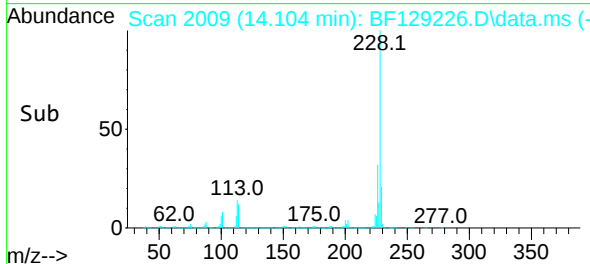
Instrument :
BNA_F
ClientSampleId :
PB146128BS



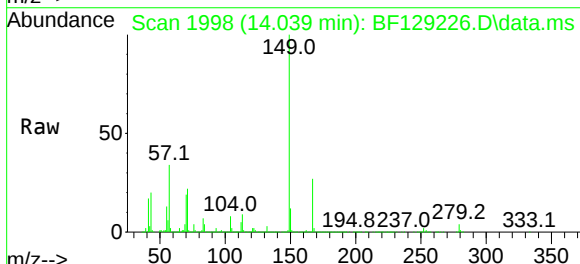
Tgt Ion:228 Resp: 1917879
Ion Ratio Lower Upper
228 100
226 31.5 24.3 36.5
229 20.6 15.9 23.9

Manual Integrations
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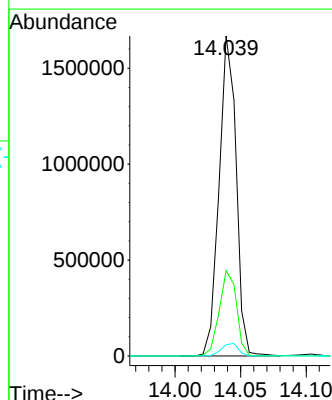
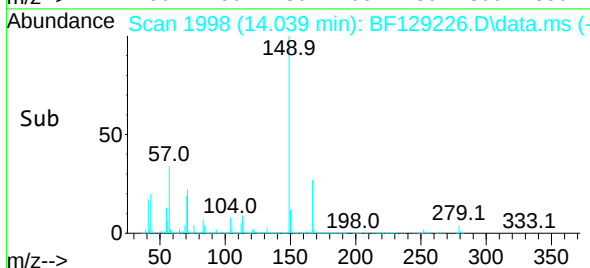
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022

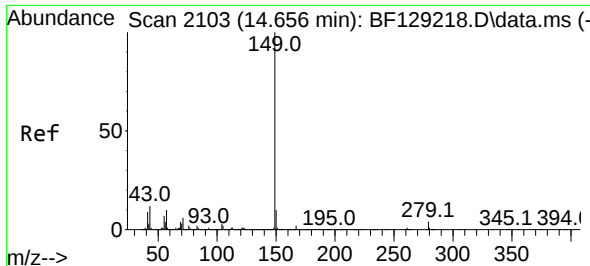


#84
Bis(2-ethylhexyl)phthalate
Concen: 43.327 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19



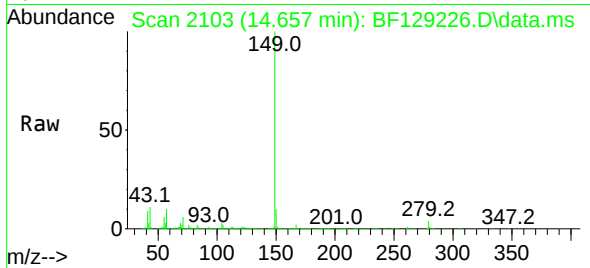
Tgt Ion:149 Resp: 1505371
Ion Ratio Lower Upper
149 100
167 26.7 21.0 31.4
279 3.6 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 43.205 ng
RT: 14.657 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19

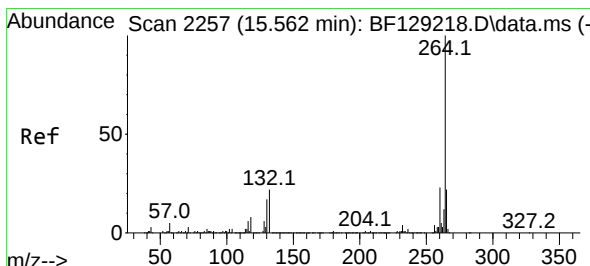
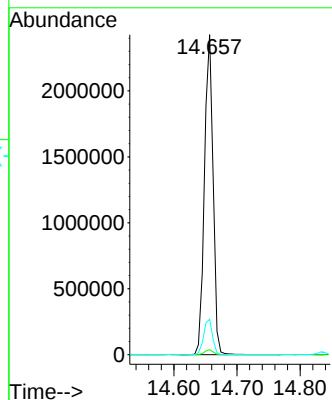
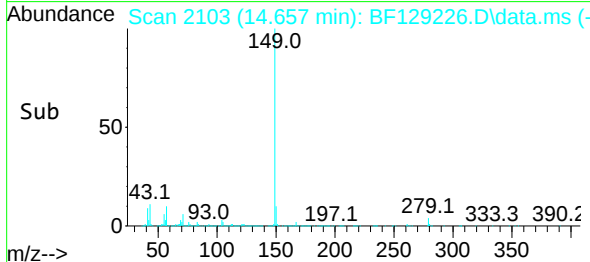
Instrument :
BNA_F
ClientSampleId :
PB146128BS



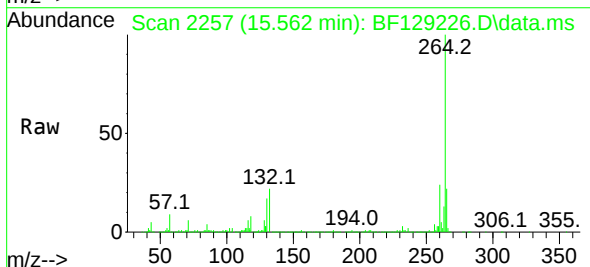
Tgt Ion:149 Resp: 2308560
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 11.4 9.2 13.8

Manual Integrations
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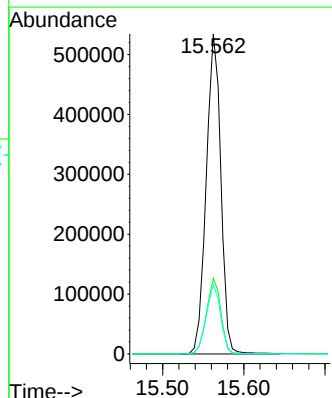
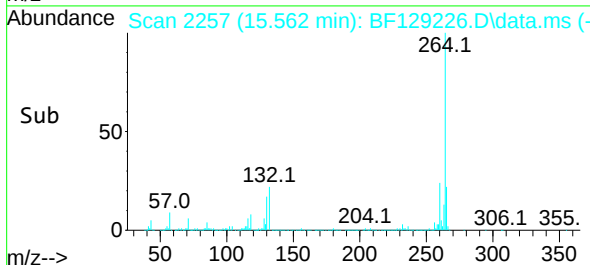
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022

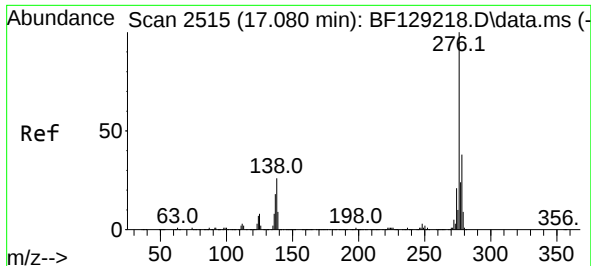


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2257
Delta R.T. 0.000 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19



Tgt Ion:264 Resp: 666308
Ion Ratio Lower Upper
264 100
260 23.7 18.4 27.6
265 21.6 17.2 25.8





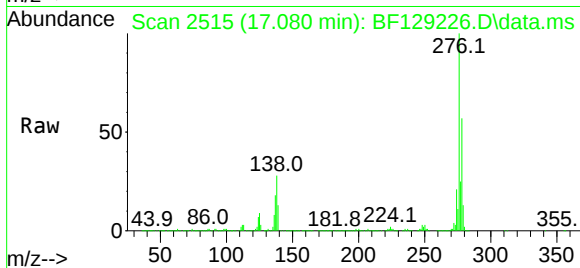
#87
Indeno(1,2,3-cd)pyrene
Concen: 40.287 ng
RT: 17.080 min Scan# 211
Delta R.T. 0.000 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19

Instrument :

BNA_F

ClientSampleId :

PB146128BS

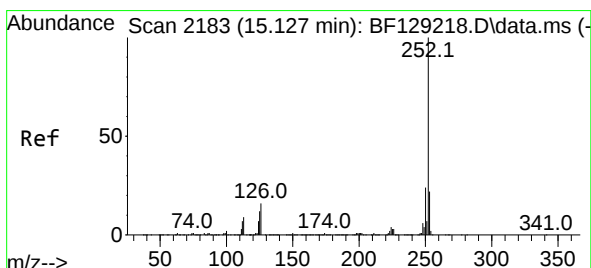
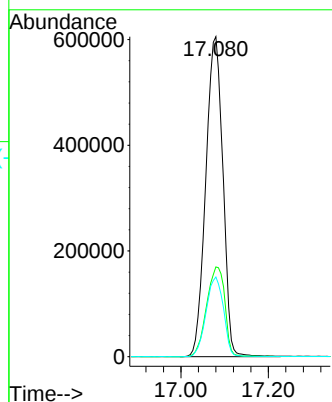
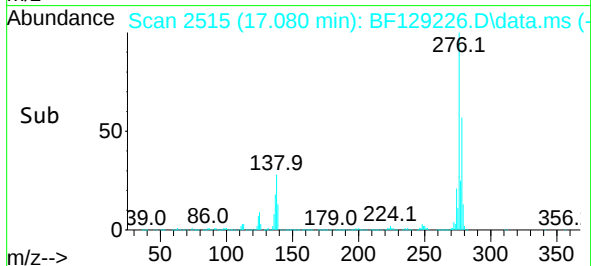


Tgt Ion:276 Resp: 165245
Ion Ratio Lower Upper
276 100
138 29.9 21.1 31.7
277 25.4 20.3 30.5

Manual Integrations

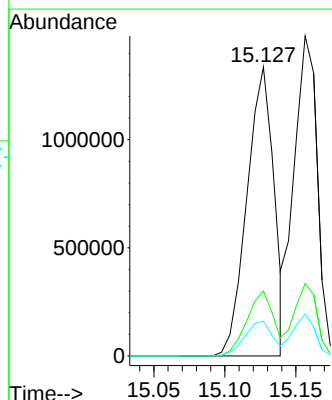
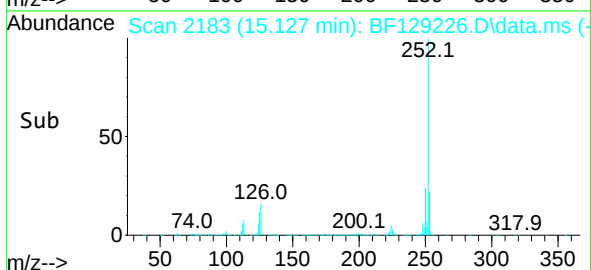
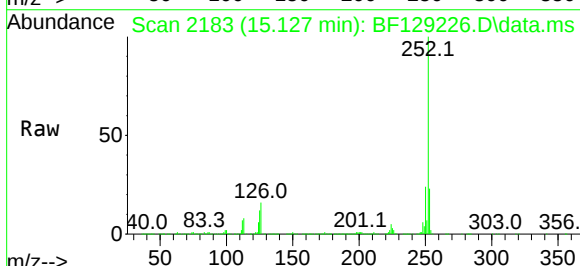
APPROVED

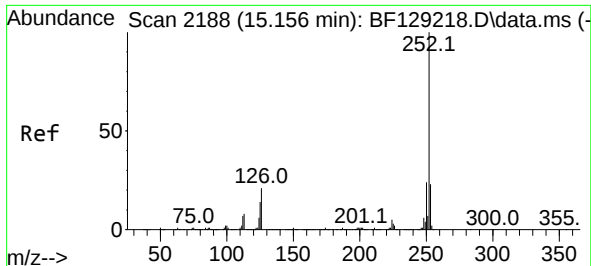
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022



#88
Benzo(b)fluoranthene
Concen: 43.234 ng
RT: 15.127 min Scan# 2183
Delta R.T. 0.000 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19

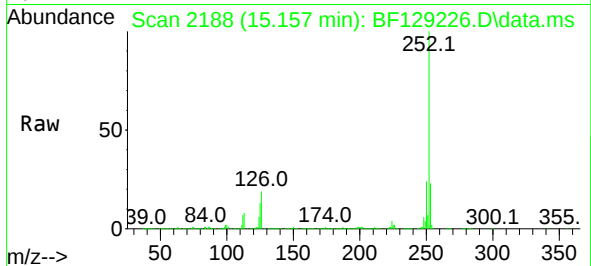
Tgt Ion:252 Resp: 1762792
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 12.1 8.0 12.0#





#89
Benzo(k)fluoranthene
Concen: 43.052 ng m
RT: 15.157 min Scan# 2188
Delta R.T. 0.000 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19

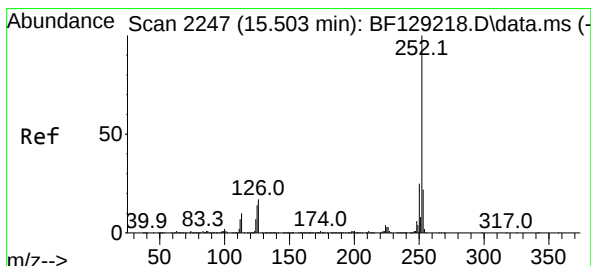
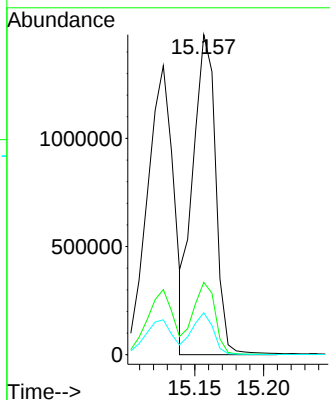
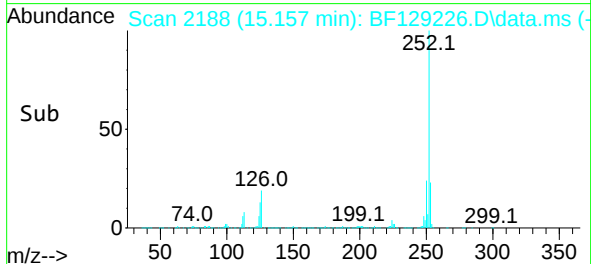
Instrument :
BNA_F
ClientSampleId :
PB146128BS



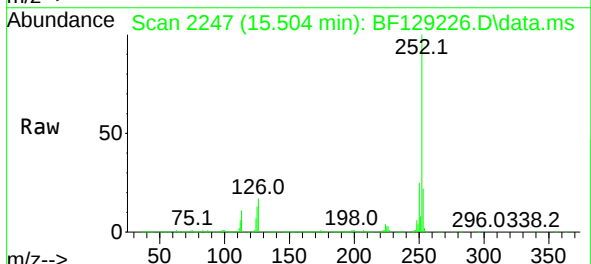
Tgt Ion:252 Resp: 1698209
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 13.1 8.3 12.5

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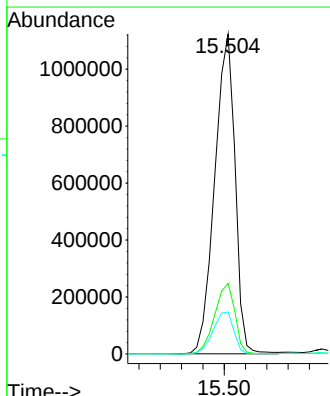
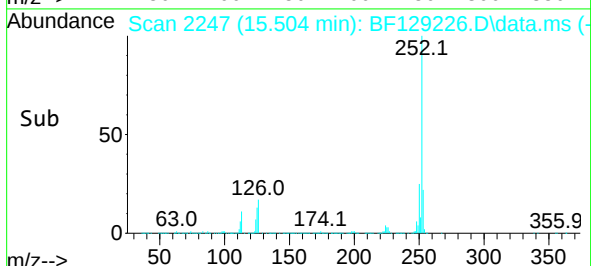
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022

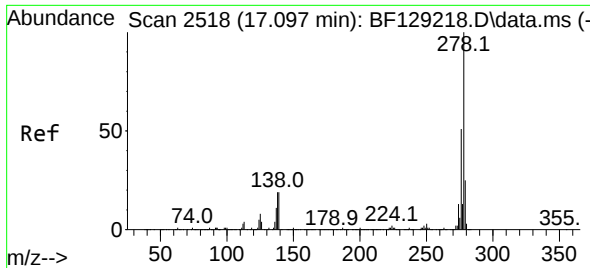


#90
Benzo(a)pyrene
Concen: 44.367 ng
RT: 15.504 min Scan# 2247
Delta R.T. 0.000 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19



Tgt Ion:252 Resp: 1484273
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 13.1 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 42.562 ng
RT: 17.098 min Scan# 2518
Delta R.T. 0.000 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19

Instrument :

BNA_F

ClientSampleId :

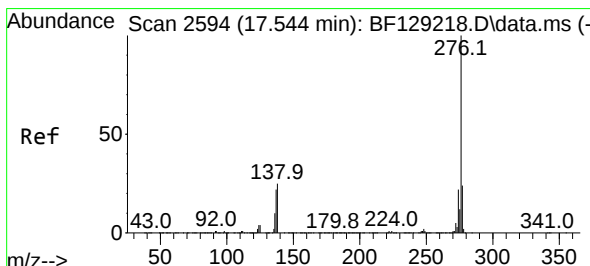
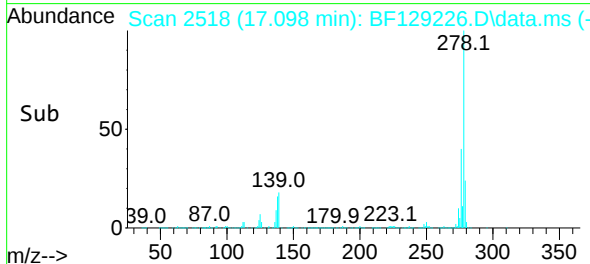
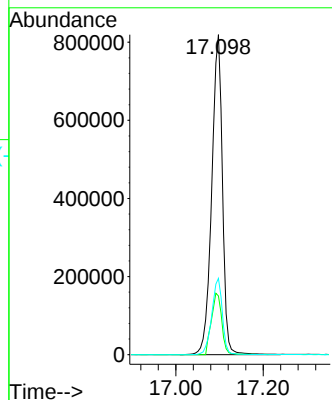
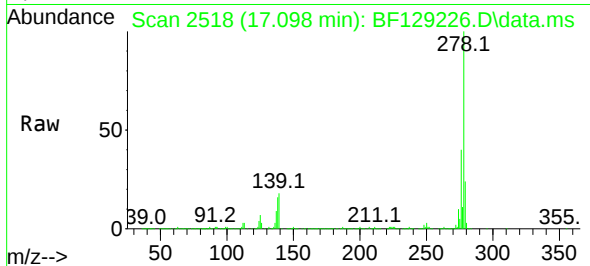
PB146128BS

Tgt Ion:278 Resp: 1399870
Ion Ratio Lower Upper
278 100
139 18.3 12.8 19.2
279 23.9 18.6 28.0

Manual Integrations

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Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022



#92
Benzo(g,h,i)perylene
Concen: 43.027 ng
RT: 17.545 min Scan# 2594
Delta R.T. 0.000 min
Lab File: BF129226.D
Acq: 14 Jul 2022 18:19

Tgt Ion:276 Resp: 1457916
Ion Ratio Lower Upper
276 100
277 23.2 19.1 28.7
138 25.2 18.0 27.0

