

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072222\
 Data File : BF129318.D
 Acq On : 22 Jul 2022 16:31
 Operator : CG\JU
 Sample : N3789-01MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDW-VB1-071922MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/25/2022
 Supervised By : Jagrut Upadhyay 07/25/2022

Quant Time: Jul 22 18:13:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 13:42:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	121618	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	494413	20.000	ng	# 0.00
39) Acenaphthene-d10	9.939	164	255414	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	406482	20.000	ng	0.00
76) Chrysene-d12	14.074	240	245094	20.000	ng	0.00
86) Perylene-d12	15.562	264	250435	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1005229	134.813	ng	0.02
7) Phenol-d6	6.528	99	1185700	124.742	ng	0.00
23) Nitrobenzene-d5	7.463	82	899847	97.917	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	387708	157.335	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1607190	96.801	ng	0.00
79) Terphenyl-d14	13.016	244	1464900	111.316	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.899	88	142686	43.156	ng	# 76
3) Pyridine	3.622	79	338717	37.105	ng	93
4) n-Nitrosodimethylamine	3.557	42	223125	54.439	ng	# 91
6) Aniline	6.563	93	406238m	34.733	ng	
8) 2-Chlorophenol	6.681	128	425966	52.111	ng	98
9) Benzaldehyde	6.451	77	125047	19.178	ng	99
10) Phenol	6.540	94	434497m	43.496	ng	
11) bis(2-Chloroethyl)ether	6.634	93	409533	51.790	ng	93
12) 1,3-Dichlorobenzene	6.840	146	450570	51.143	ng	98
13) 1,4-Dichlorobenzene	6.916	146	462169	51.845	ng	99
14) 1,2-Dichlorobenzene	7.063	146	437532	53.119	ng	96
15) Benzyl Alcohol	7.039	79	374793	54.348	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.169	45	581207	48.213	ng	89
17) 2-Methylphenol	7.145	107	340233	51.073	ng	96
18) Hexachloroethane	7.404	117	180701	54.028	ng	89
19) n-Nitroso-di-n-propyla...	7.310	70	306295	54.082	ng	97
20) 3+4-Methylphenols	7.298	107	411580	47.371	ng	89
22) Acetophenone	7.310	105	608591	52.425	ng	# 98
24) Nitrobenzene	7.481	77	471718	49.836	ng	99
25) Isophorone	7.716	82	838263	51.955	ng	99
26) 2-Nitrophenol	7.792	139	226517	49.597	ng	94
27) 2,4-Dimethylphenol	7.828	122	378419	55.077	ng	94
28) bis(2-Chloroethoxy)met...	7.922	93	499568	53.448	ng	98
29) 2,4-Dichlorophenol	8.034	162	350129	48.993	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	367203	49.440	ng	96
31) Naphthalene	8.198	128	1232907	48.621	ng	100
32) Benzoic acid	7.916	122	66183	13.179	ng	97
33) 4-Chloroaniline	8.245	127	201373	19.470	ng	100
34) Hexachlorobutadiene	8.310	225	230489	54.294	ng	99
35) Caprolactam	8.622	113	87465m	38.374	ng	
36) 4-Chloro-3-methylphenol	8.728	107	386011	50.842	ng	98
37) 2-Methylnaphthalene	8.892	142	804883	48.984	ng	99
38) 1-Methylnaphthalene	8.992	142	760947	47.866	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	359395	53.598	ng	# 96
41) Hexachlorocyclopentadiene	9.045	237	438828	148.477	ng	98
43) 2,4,6-Trichlorophenol	9.169	196	245007	49.999	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	264277	49.716	ng	# 91
46) 1,1'-Biphenyl	9.357	154	972363	51.520	ng	99
47) 2-Chloronaphthalene	9.386	162	759261	50.223	ng	99
48) 2-Nitroaniline	9.480	65	250480	49.333	ng	96
49) Acenaphthylene	9.798	152	1164728	50.169	ng	100
50) Dimethylphthalate	9.657	163	866028	49.353	ng	100
51) 2,6-Dinitrotoluene	9.722	165	194274	49.445	ng	89
52) Acenaphthene	9.975	154	748148	49.656	ng	99
53) 3-Nitroaniline	9.892	138	145573	31.138	ng	# 96
54) 2,4-Dinitrophenol	9.998	184	81120	40.801	ng	86
55) Dibenzofuran	10.145	168	1044904	49.906	ng	93
56) 4-Nitrophenol	10.057	139	276681	81.042	ng	90
57) 2,4-Dinitrotoluene	10.128	165	255391	49.582	ng	99
58) Fluorene	10.486	166	830179	49.680	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	196771	48.015	ng	# 88
60) Diethylphthalate	10.357	149	850817	50.394	ng	99
61) 4-Chlorophenyl-phenyle...	10.475	204	384080	52.536	ng	# 87
62) 4-Nitroaniline	10.510	138	196015	42.450	ng	93
63) Azobenzene	10.639	77	843589	48.297	ng	97
65) 4,6-Dinitro-2-methylph...	10.533	198	72074	28.828	ng	97
66) n-Nitrosodiphenylamine	10.598	169	710060	52.838	ng	96
67) 4-Bromophenyl-phenylether	10.969	248	241143	54.982	ng	93
68) Hexachlorobenzene	11.033	284	268273	55.849	ng	96
69) Atrazine	11.122	200	223733	54.474	ng	95
70) Pentachlorophenol	11.227	266	260744	98.733	ng	97
71) Phenanthrene	11.451	178	1108647	49.692	ng	99
72) Anthracene	11.504	178	1130791	51.151	ng	100
73) Carbazole	11.657	167	1012754	49.112	ng	99
74) Di-n-butylphthalate	11.980	149	1174469	49.293	ng	100
75) Fluoranthene	12.645	202	1055795	46.433	ng	97
77) Benzidine	12.763	184	454739	46.557	ng	98
78) Pyrene	12.874	202	1054066	50.283	ng	98
80) Butylbenzylphthalate	13.480	149	418491	48.925	ng	98
81) Benzo(a)anthracene	14.063	228	823074	48.768	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	172159	31.076	ng	97
83) Chrysene	14.098	228	760082	47.715	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	554946	52.830	ng	99
85) Di-n-octyl phthalate	14.651	149	887625	59.044	ng	97
87) Indeno(1,2,3-cd)pyrene	17.080	276	929295	54.129	ng	97
88) Benzo(b)fluoranthene	15.127	252	811357	48.676	ng	98
89) Benzo(k)fluoranthene	15.157	252	769771	47.561	ng	99
90) Benzo(a)pyrene	15.504	252	711239	52.736	ng	98
91) Dibenzo(a,h)anthracene	17.104	278	808290	58.412	ng	98
92) Benzo(g,h,i)perylene	17.551	276	808044	56.197	ng	96

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

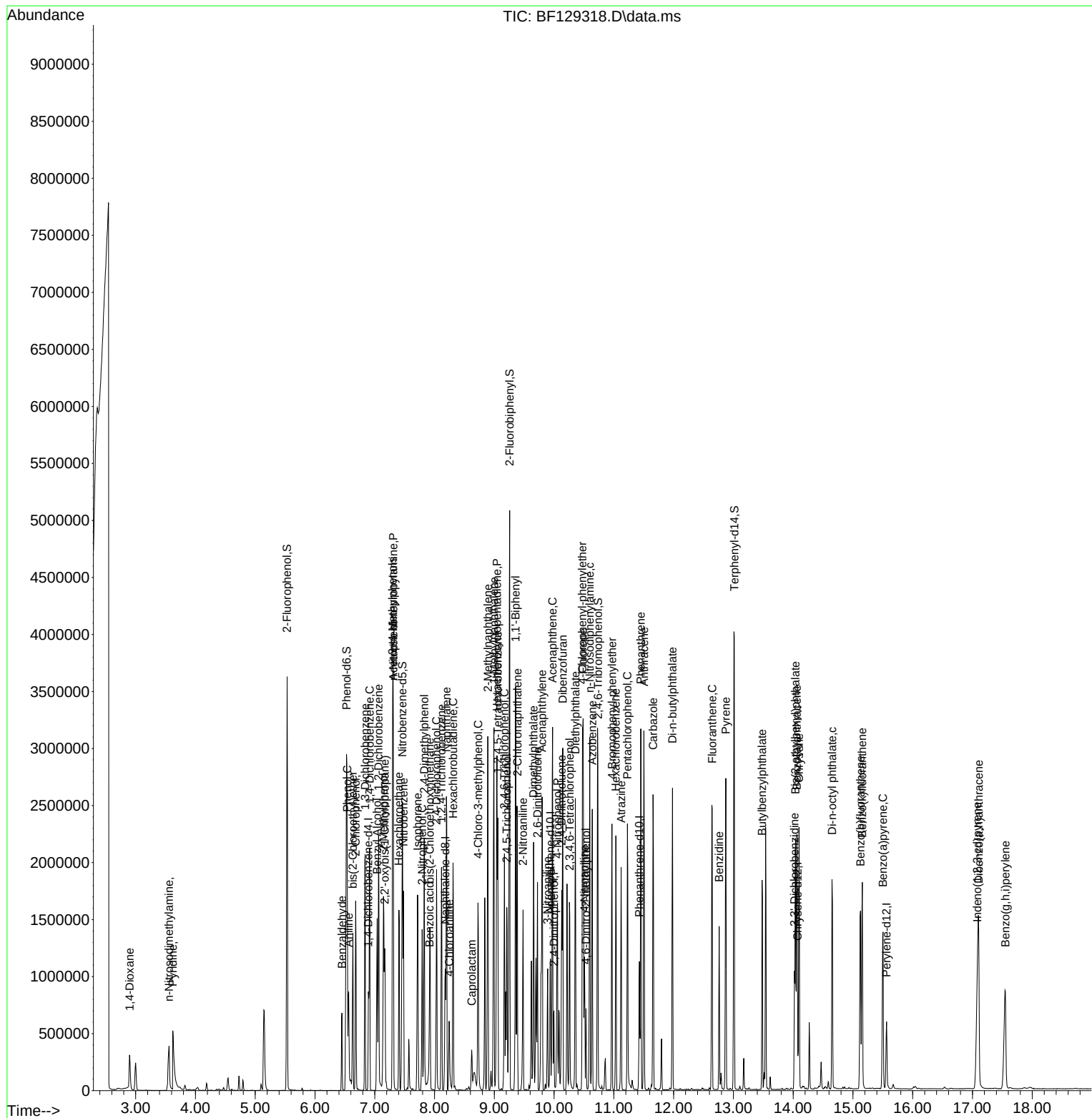
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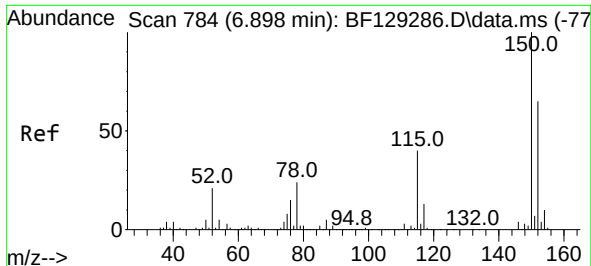
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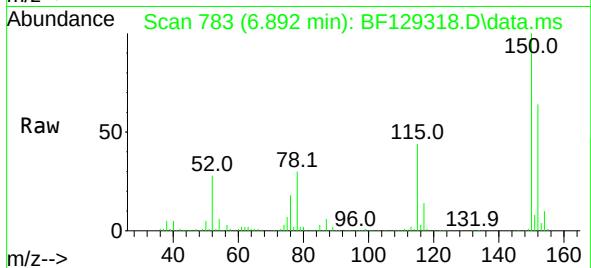
Reviewed By : Christian Giraldo 07/25/2022
 Supervised By : Jagrut Upadhyay 07/25/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31

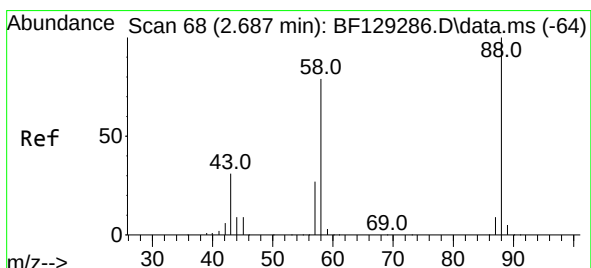
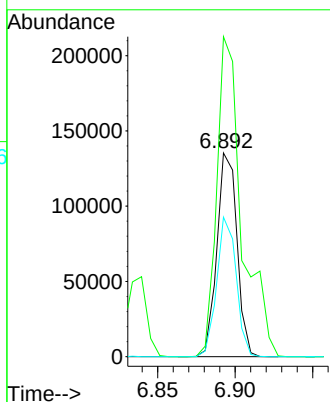
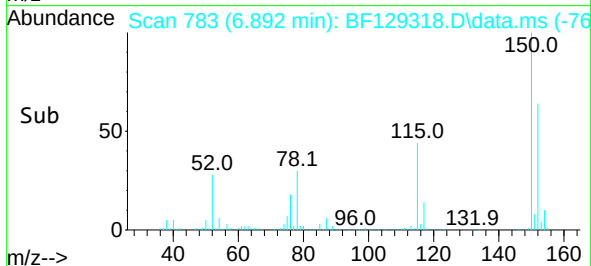
Instrument :
BNA_F
ClientSampleId :
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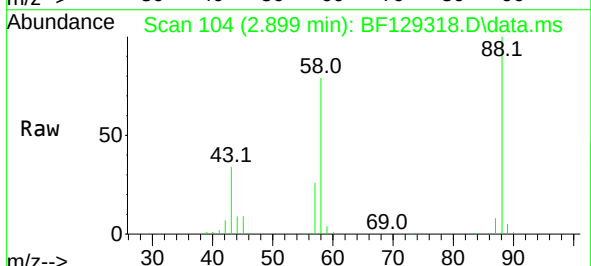
Tgt Ion:152 Resp: 121618
Ion Ratio Lower Upper
152 100
150 157.1 123.7 185.5
115 68.5 49.9 74.9

Manual Integrations
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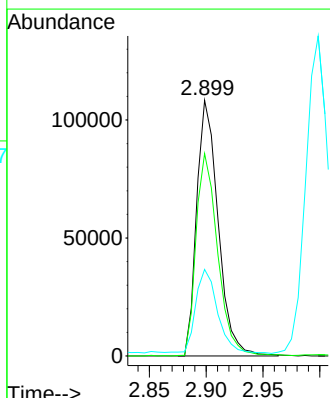
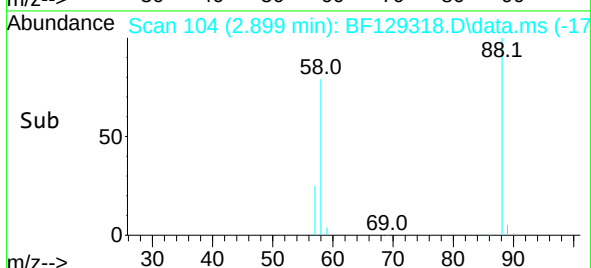
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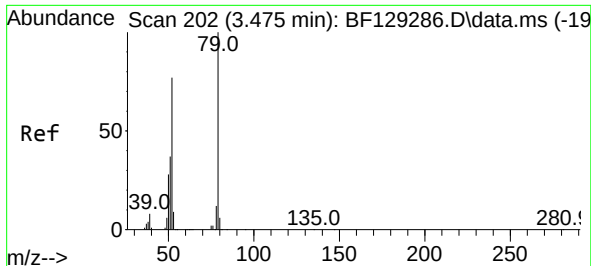


#2
1,4-Dioxane
Concen: 43.156 ng
RT: 2.899 min Scan# 104
Delta R.T. 0.212 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31



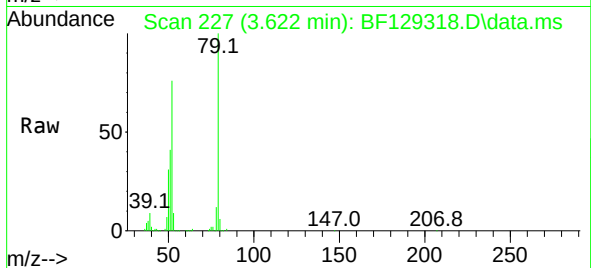
Tgt Ion: 88 Resp: 142686
Ion Ratio Lower Upper
88 100
58 79.7 71.8 107.8
43 0.0 26.6 39.8





#3
Pyridine
Concen: 37.105 ng
RT: 3.622 min Scan# 216
Delta R.T. 0.147 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31

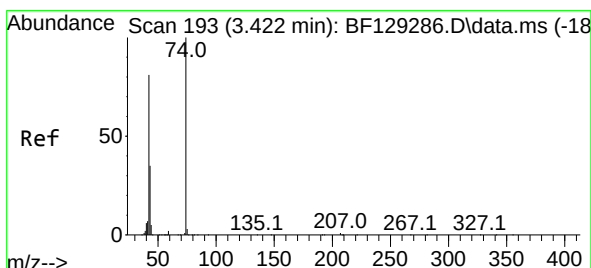
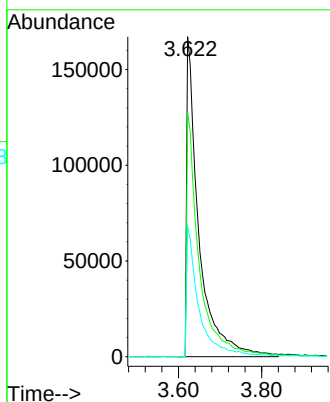
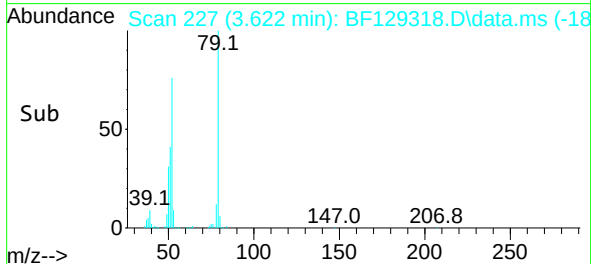
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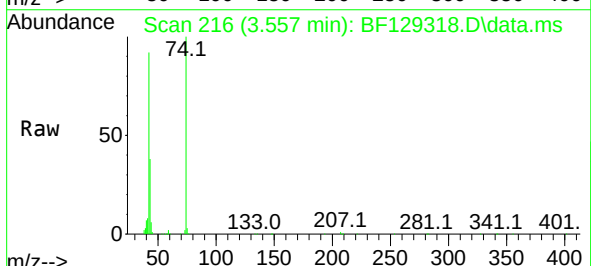
Tgt Ion: 79 Resp: 33871
Ion Ratio Lower Upper
79 100
52 76.2 68.6 102.8
51 40.7 32.9 49.3

Manual Integrations
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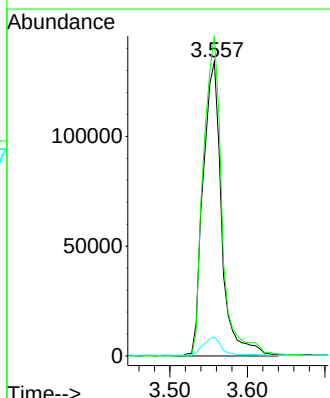
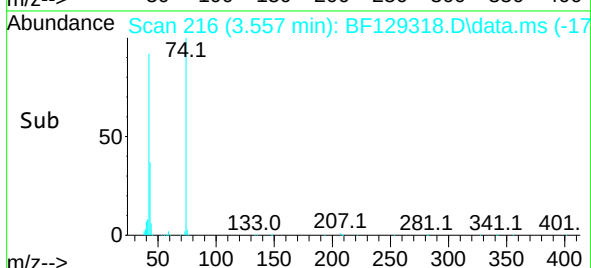
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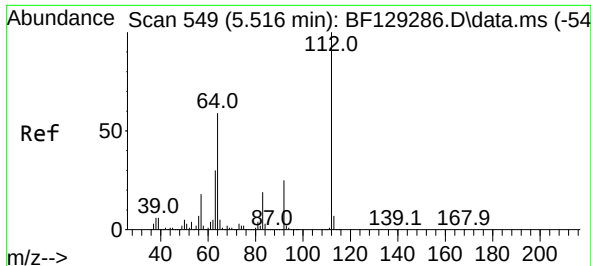


#4
n-Nitrosodimethylamine
Concen: 54.439 ng
RT: 3.557 min Scan# 216
Delta R.T. 0.135 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31



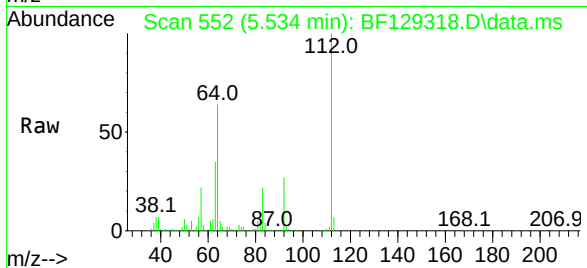
Tgt Ion: 42 Resp: 223125
Ion Ratio Lower Upper
42 100
74 108.7 94.8 142.2
44 6.4 6.6 10.0#





#5
2-Fluorophenol
Concen: 134.813 ng
RT: 5.534 min Scan# 511
Delta R.T. 0.018 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31

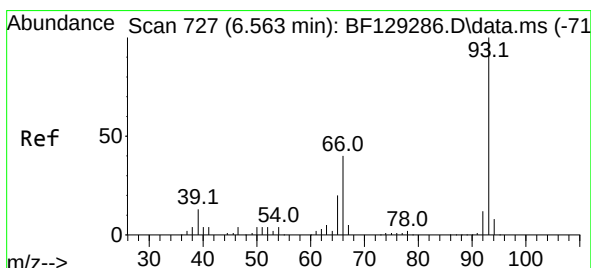
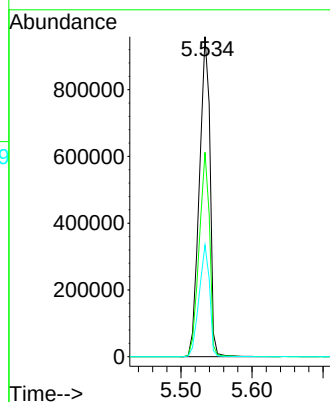
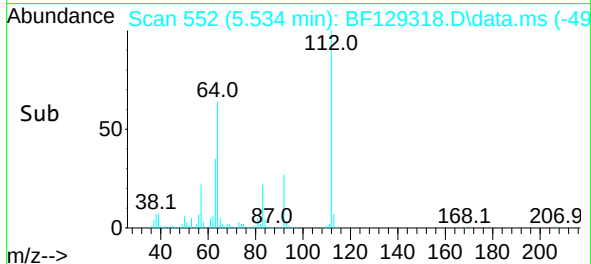
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Tgt Ion: 112 Resp: 1005229
Ion Ratio Lower Upper
112 100
64 63.8 53.3 79.9
63 34.9 28.0 42.0

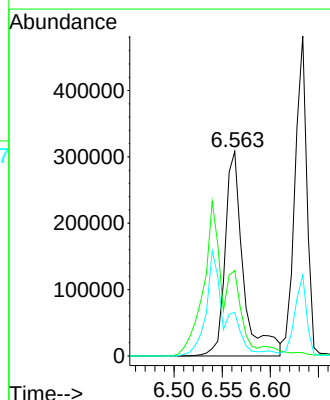
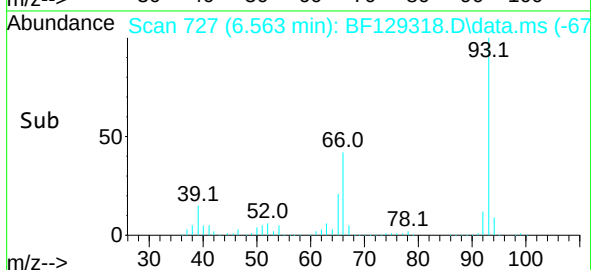
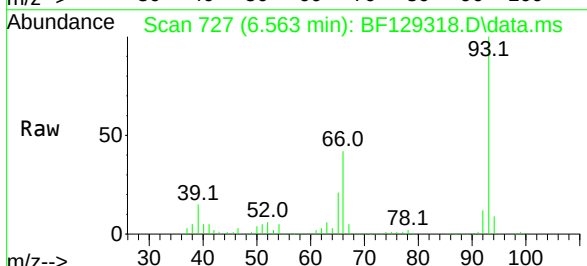
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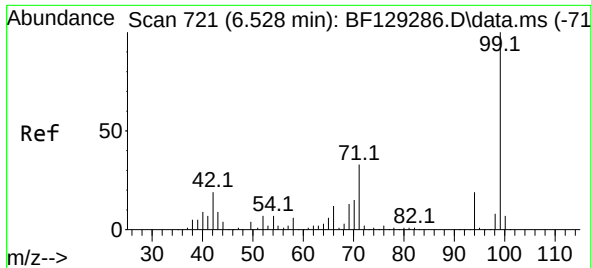
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#6
Aniline
Concen: 34.733 ng m
RT: 6.563 min Scan# 727
Delta R.T. 0.000 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31

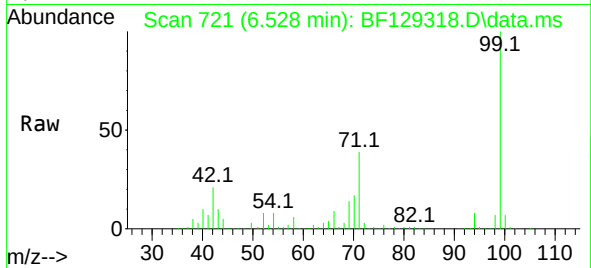
Tgt Ion: 93 Resp: 406238
Ion Ratio Lower Upper
93 100
66 41.8 32.5 48.7
65 21.3 16.4 24.6





#7
Phenol-d6
Concen: 124.742 ng
RT: 6.528 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31

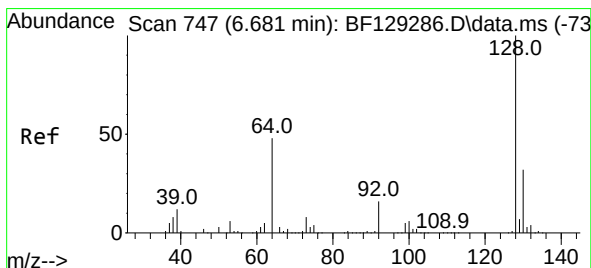
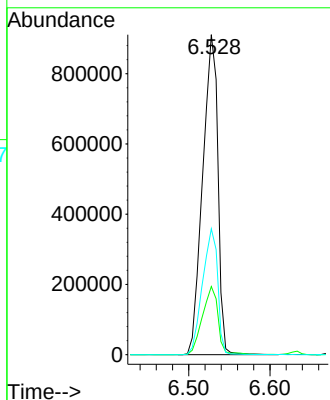
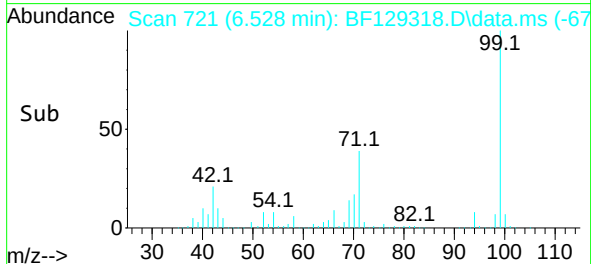
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Tgt Ion: 99 Resp: 1185700
Ion Ratio Lower Upper
99 100
42 21.3 17.3 25.9
71 39.4 28.9 43.3

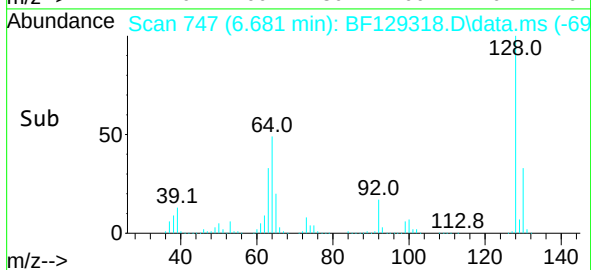
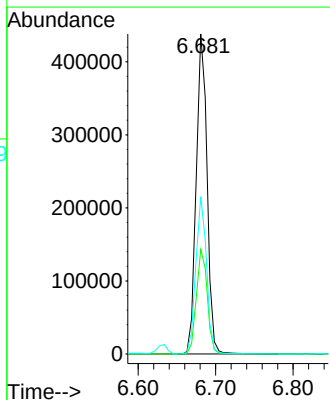
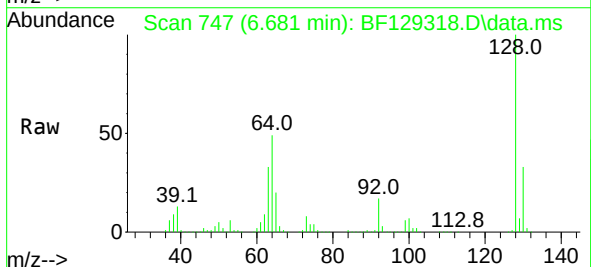
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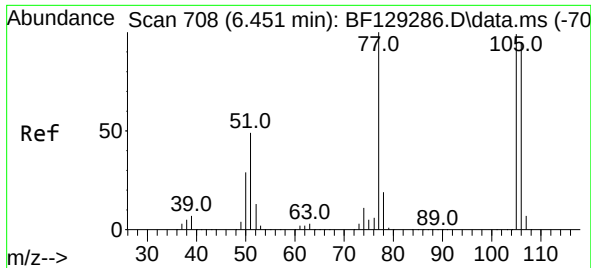
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#8
2-Chlorophenol
Concen: 52.111 ng
RT: 6.681 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31

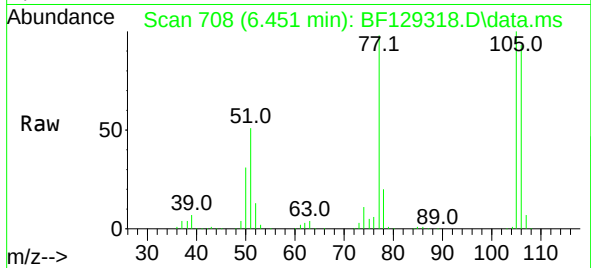
Tgt Ion:128 Resp: 425966
Ion Ratio Lower Upper
128 100
130 32.6 13.1 53.1
64 49.2 30.9 70.9





#9
Benzaldehyde
Concen: 19.178 ng
RT: 6.451 min Scan# 708
Delta R.T. 0.000 min
Lab File: BF129318.D
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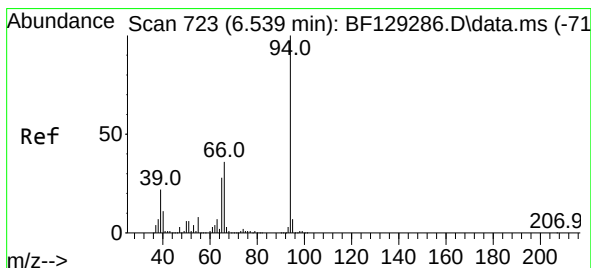
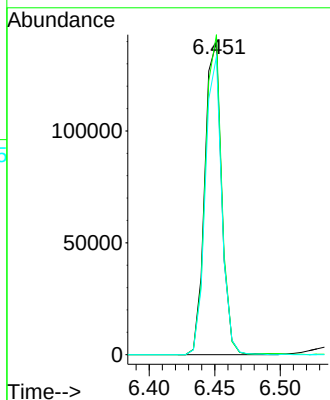
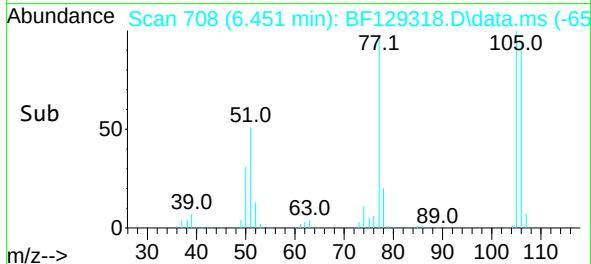
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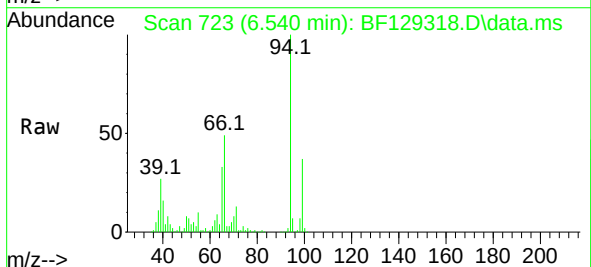
Tgt Ion: 77 Resp: 125047
Ion Ratio Lower Upper
77 100
105 102.5 81.6 121.6
106 95.5 76.1 116.1

Manual Integrations
APPROVED

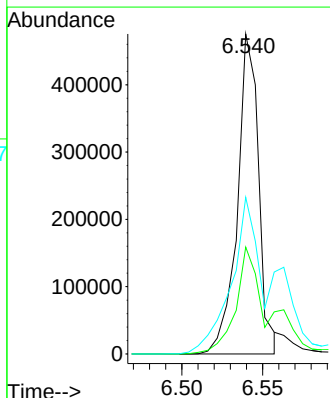
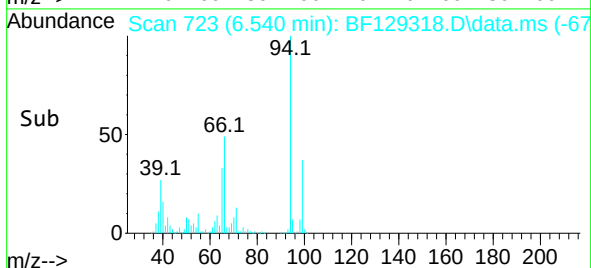
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

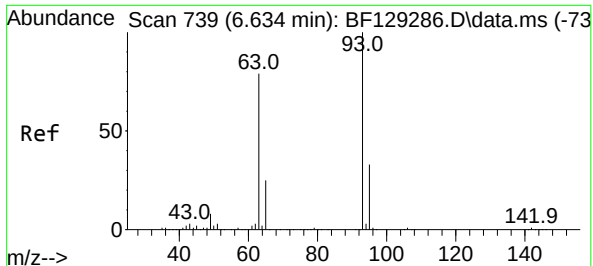


#10
Phenol
Concen: 43.496 ng m
RT: 6.540 min Scan# 723
Delta R.T. 0.000 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31



Tgt Ion: 94 Resp: 434497
Ion Ratio Lower Upper
94 100
65 33.4 11.4 51.4
66 49.0 21.4 61.4





#11

bis(2-Chloroethyl)ether

Concen: 51.790 ng

RT: 6.634 min Scan# 739

Delta R.T. 0.000 min

Lab File: BF129318.D

Acq: 22 Jul 2022 16:31

Instrument :

BNA_F

ClientSampleId :

IDW-VB1-071922MS

Tgt Ion: 93 Resp: 40953

Ion Ratio Lower Upper

93 100

63 79.1 67.4 107.4

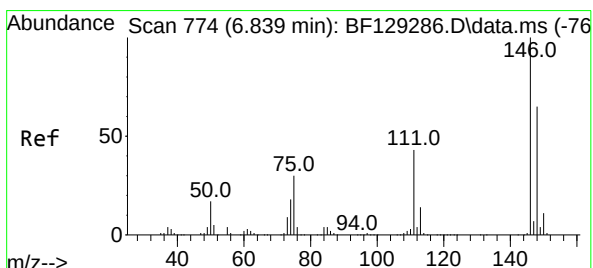
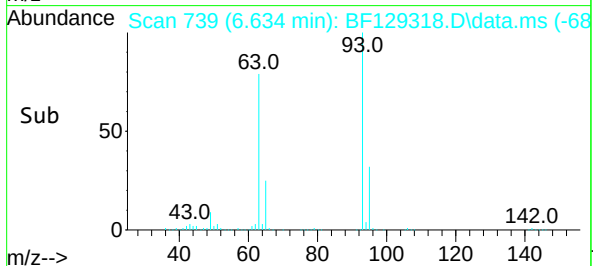
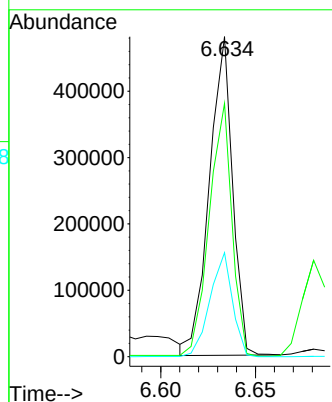
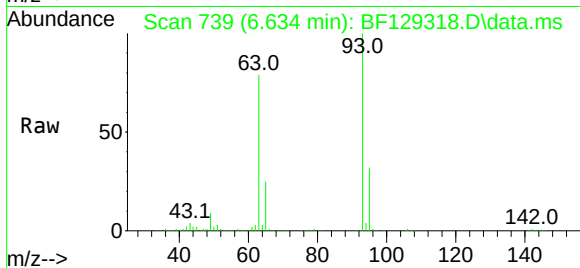
95 32.5 12.7 52.7

Manual Integrations

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Reviewed By :Christian Giraldo 07/25/2022

Supervised By :Jagrut Upadhyay 07/25/2022



#12

1,3-Dichlorobenzene

Concen: 51.143 ng

RT: 6.840 min Scan# 774

Delta R.T. 0.000 min

Lab File: BF129318.D

Acq: 22 Jul 2022 16:31

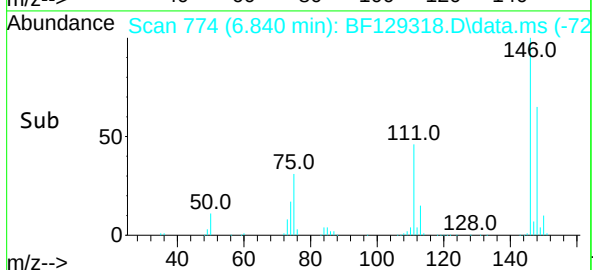
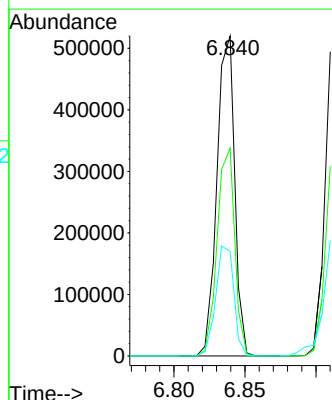
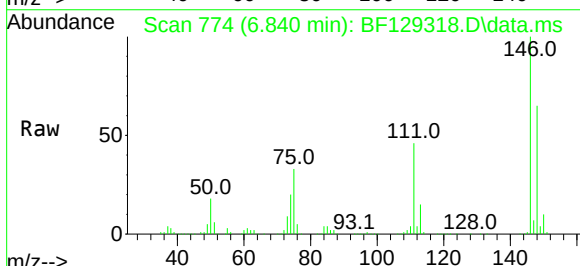
Tgt Ion:146 Resp: 450570

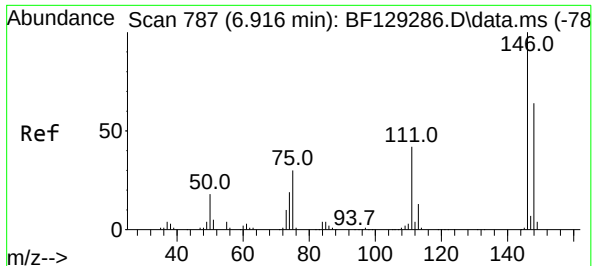
Ion Ratio Lower Upper

146 100

148 64.9 50.6 75.8

75 32.7 26.3 39.5





#13

1,4-Dichlorobenzene

Concen: 51.845 ng

RT: 6.916 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF129318.D

Acq: 22 Jul 2022 16:31

Instrument :

BNA_F

ClientSampleId :

IDW-VB1-071922MS

Tgt Ion:146 Resp: 462169

Ion Ratio Lower Upper

146 100

148 65.2 51.1 76.7

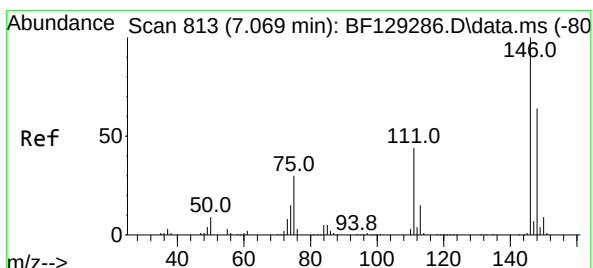
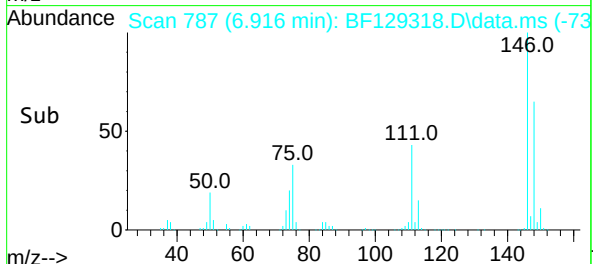
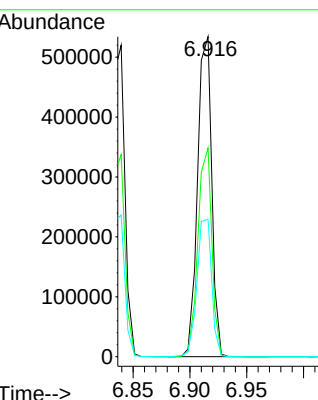
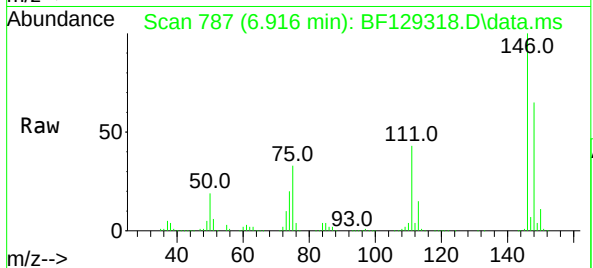
111 43.0 34.2 51.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/25/2022

Supervised By :Jagrut Upadhyay 07/25/2022



#14

1,2-Dichlorobenzene

Concen: 53.119 ng

RT: 7.063 min Scan# 812

Delta R.T. -0.006 min

Lab File: BF129318.D

Acq: 22 Jul 2022 16:31

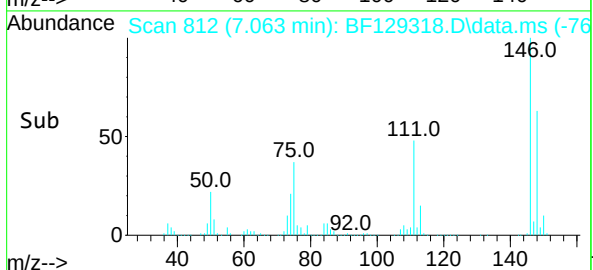
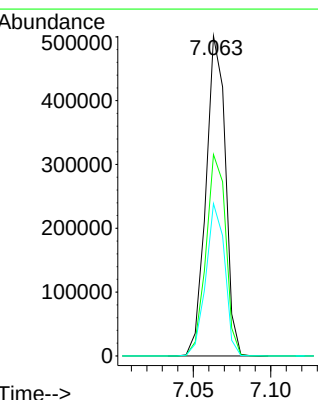
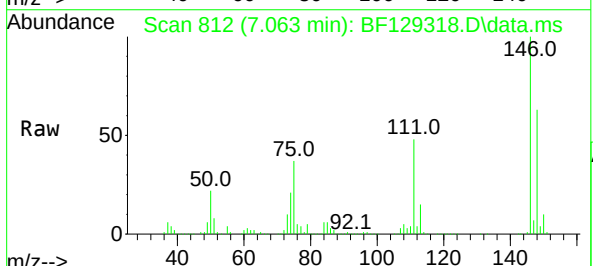
Tgt Ion:146 Resp: 437532

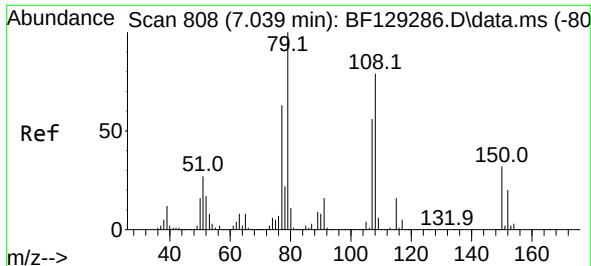
Ion Ratio Lower Upper

146 100

148 63.0 51.8 77.8

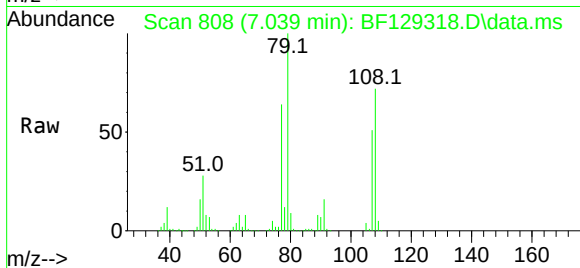
111 47.6 35.1 52.7





#15
Benzyl Alcohol
Concen: 54.348 ng
RT: 7.039 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31

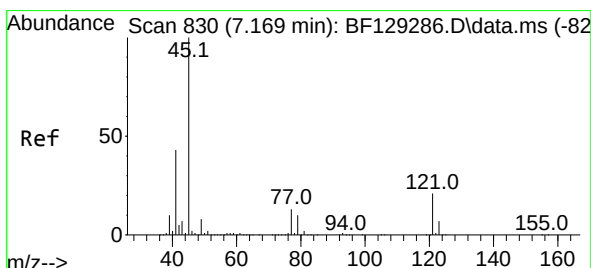
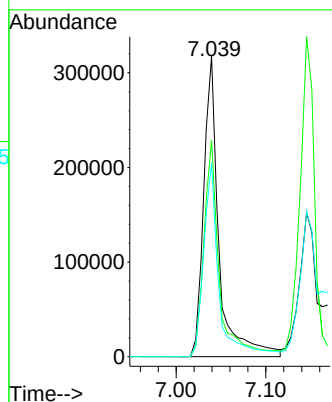
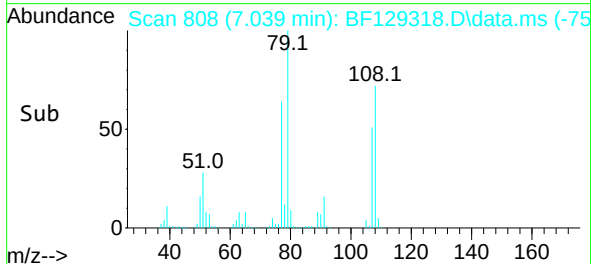
Instrument :
BNA_F
ClientSampleId :
IDW-VB1-071922MS



Tgt Ion: 79 Resp: 374793
Ion Ratio Lower Upper
79 100
108 72.1 61.8 92.6
77 64.5 50.2 75.4

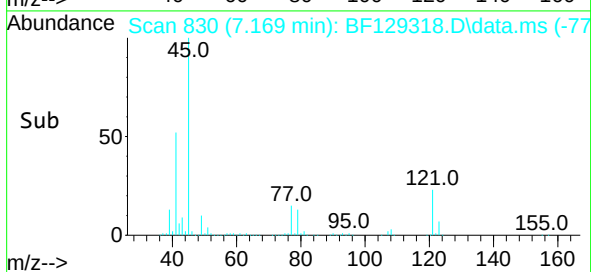
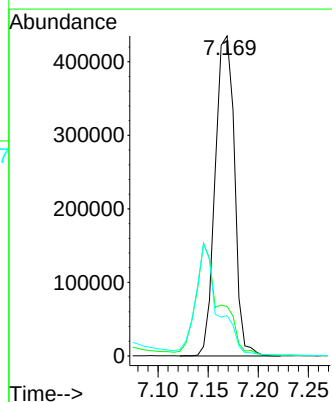
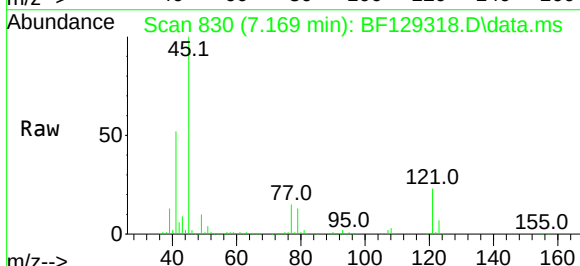
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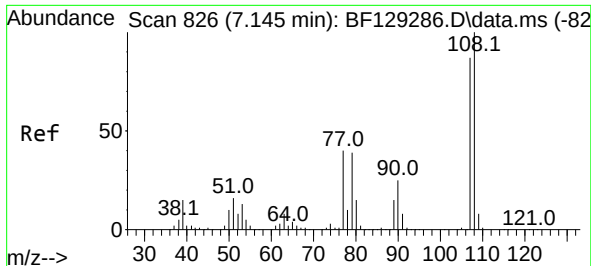
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.213 ng
RT: 7.169 min Scan# 830
Delta R.T. 0.000 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31

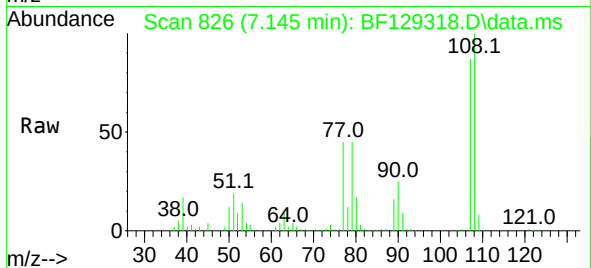
Tgt Ion: 45 Resp: 581207
Ion Ratio Lower Upper
45 100
77 15.5 0.0 31.3
79 12.6 0.0 28.3





#17
2-Methylphenol
Concen: 51.073 ng
RT: 7.145 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31

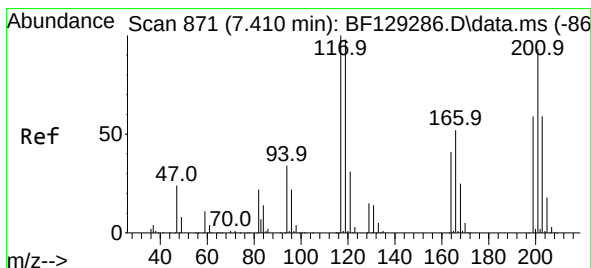
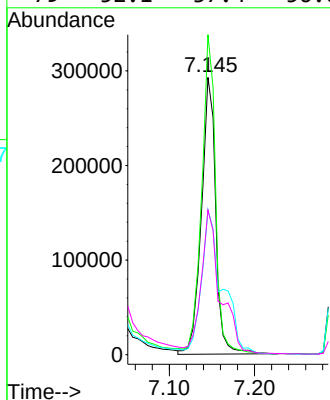
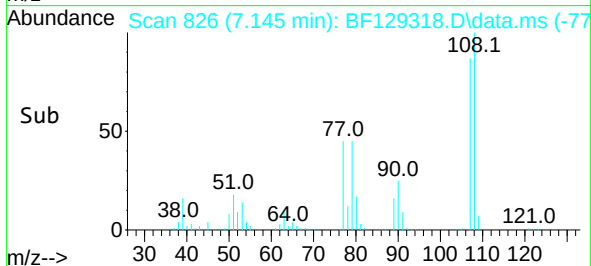
Instrument :
BNA_F
ClientSampleId :
IDW-VB1-071922MS



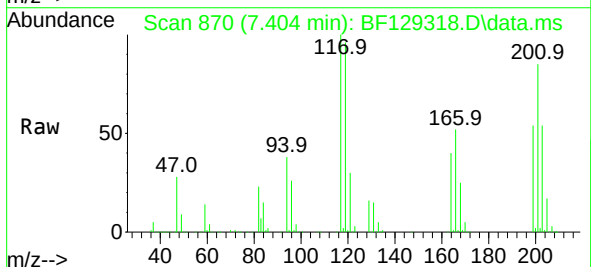
Tgt Ion:107 Resp: 34023
Ion Ratio Lower Upper
107 100
108 115.4 91.9 137.9
77 52.3 37.8 56.8
79 52.1 37.4 56.0

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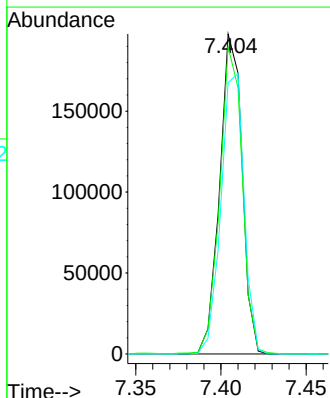
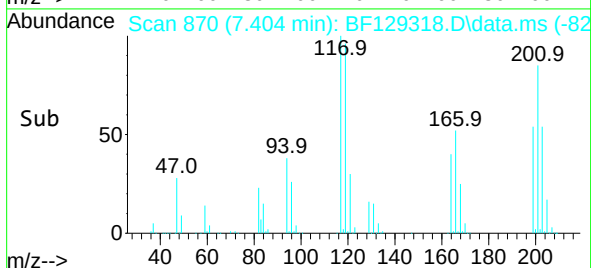
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

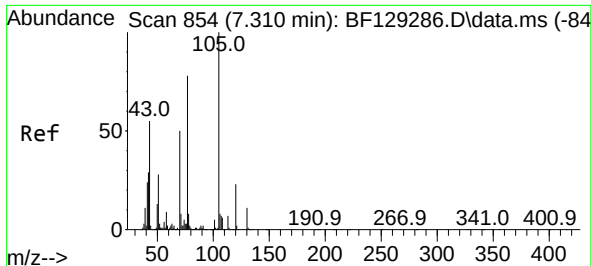


#18
Hexachloroethane
Concen: 54.028 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31



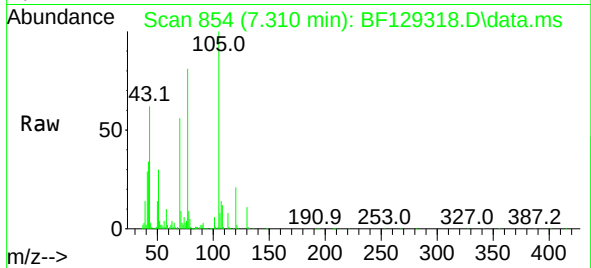
Tgt Ion:117 Resp: 180701
Ion Ratio Lower Upper
117 100
119 96.0 77.4 116.2
201 84.8 84.6 127.0





#19
n-Nitroso-di-n-propylamine
Concen: 54.082 ng
RT: 7.310 min Scan# 854
Delta R.T. 0.000 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31

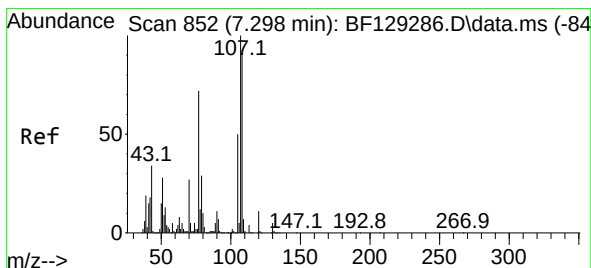
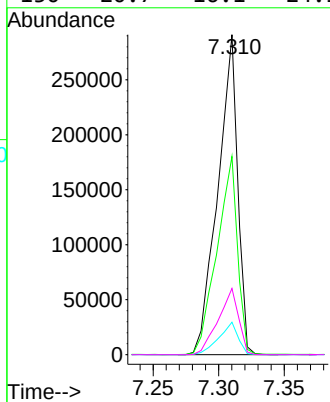
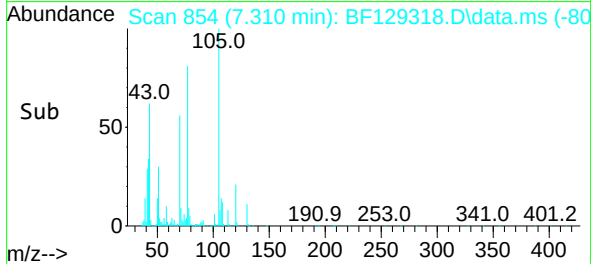
Instrument :
BNA_F
ClientSampleId :
IDW-VB1-071922MS



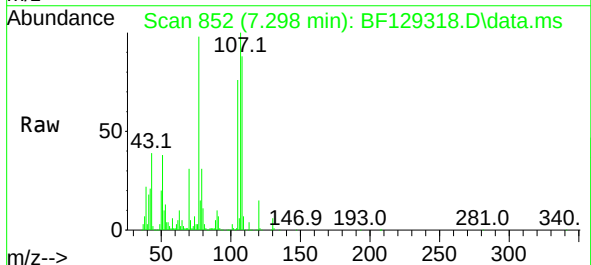
Tgt Ion: 70 Resp: 306298
Ion Ratio Lower Upper
70 100
42 62.0 52.3 78.5
101 10.2 7.5 11.3
130 20.7 16.1 24.1

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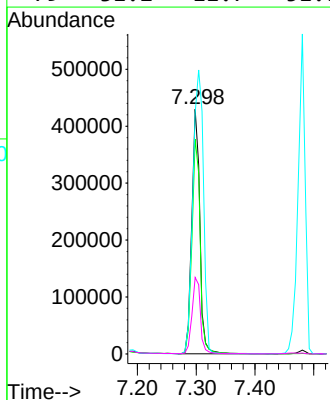
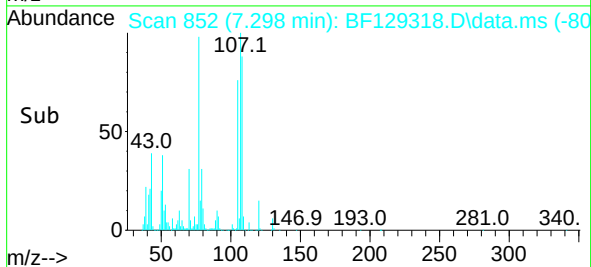
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

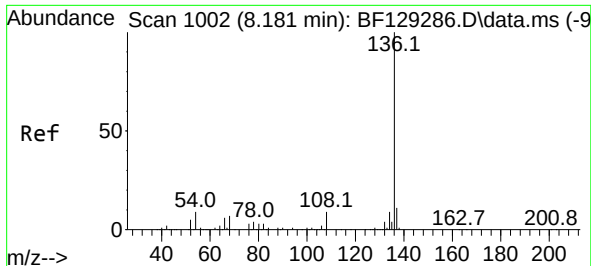


#20
3+4-Methylphenols
Concen: 47.371 ng
RT: 7.298 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31



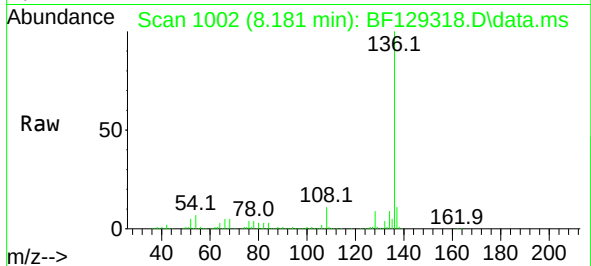
Tgt Ion:107 Resp: 411580
Ion Ratio Lower Upper
107 100
108 87.7 71.8 111.8
77 98.4 59.3 99.3
79 31.2 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1002
Delta R.T. 0.000 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31

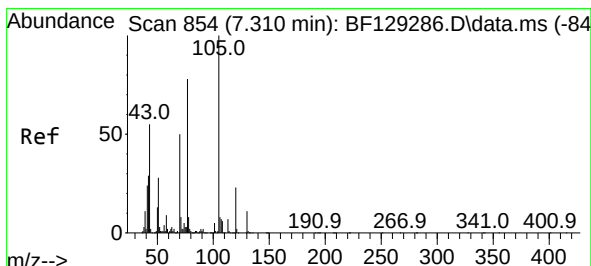
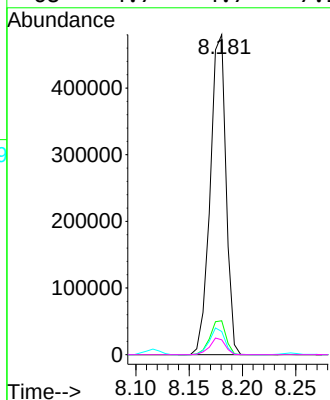
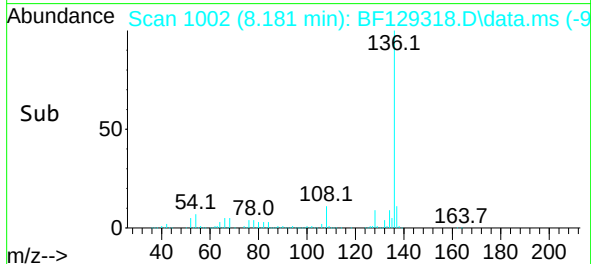
Instrument :
BNA_F
ClientSampleId :
IDW-VB1-071922MS



Tgt Ion:136 Resp: 494411
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 7.3 7.5 11.3
68 4.7 4.7 7.1#

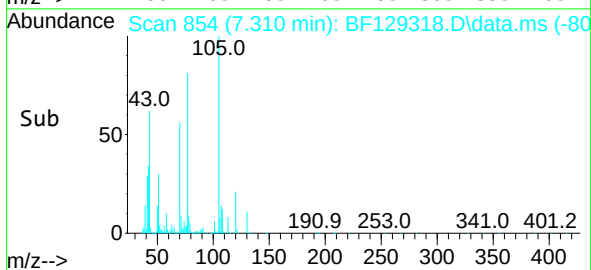
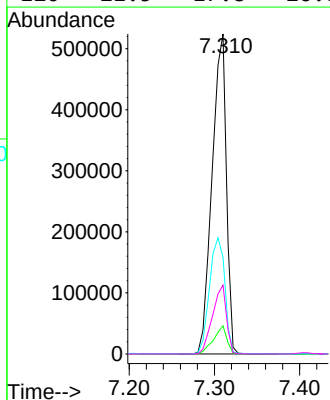
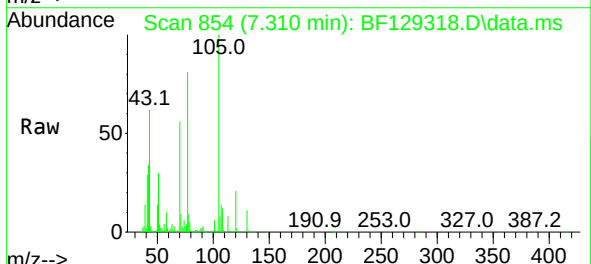
Manual Integrations
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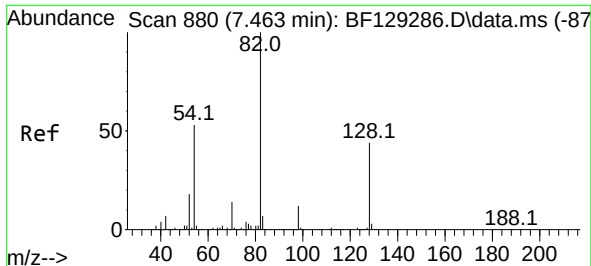
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#22
Acetophenone
Concen: 52.425 ng
RT: 7.310 min Scan# 854
Delta R.T. 0.000 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31

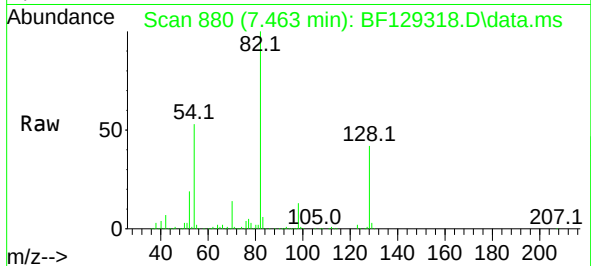
Tgt Ion:105 Resp: 608591
Ion Ratio Lower Upper
105 100
71 8.8 5.0 7.4#
51 30.3 25.0 37.4
120 21.5 17.8 26.8





#23
Nitrobenzene-d5
Concen: 97.917 ng
RT: 7.463 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31

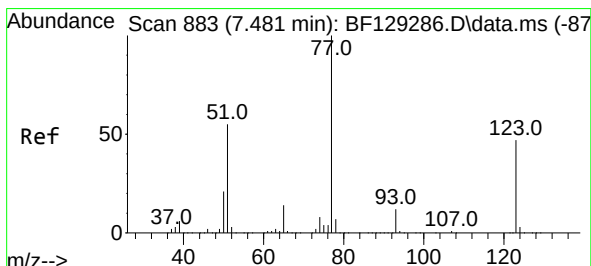
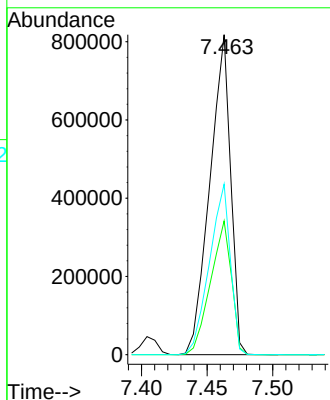
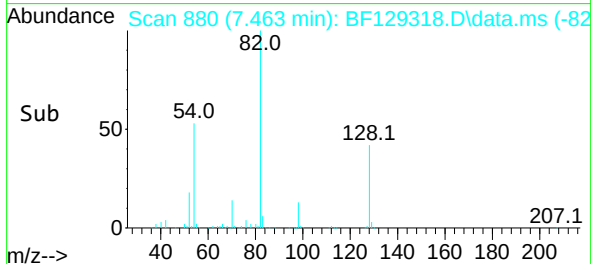
Instrument :
BNA_F
ClientSampleId :
IDW-VB1-071922MS



Tgt Ion: 82 Resp: 89984
Ion Ratio Lower Upper
82 100
128 41.8 34.0 51.0
54 53.3 46.9 70.3

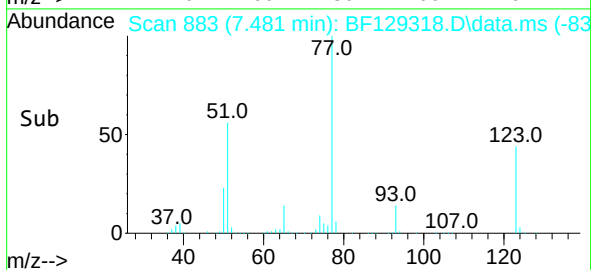
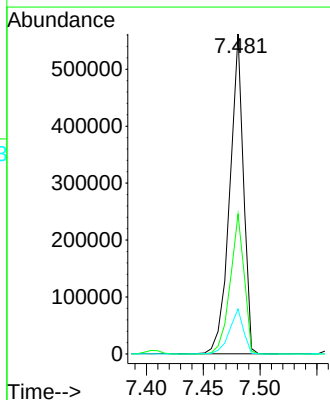
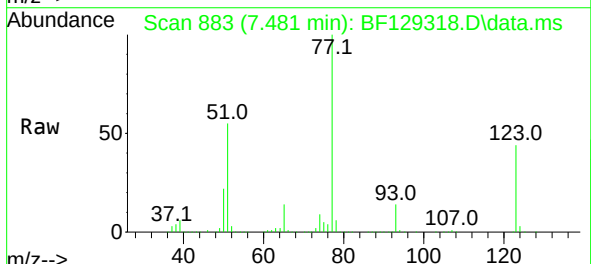
Manual Integrations
APPROVED

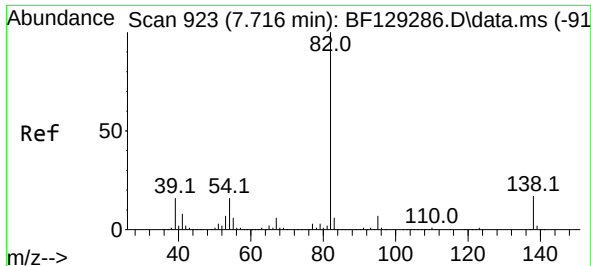
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#24
Nitrobenzene
Concen: 49.836 ng
RT: 7.481 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31

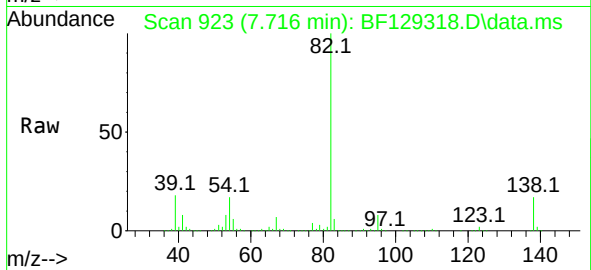
Tgt Ion: 77 Resp: 471718
Ion Ratio Lower Upper
77 100
123 43.7 35.4 53.2
65 14.1 11.8 17.8





#25
Isophorone
Concen: 51.955 ng
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31

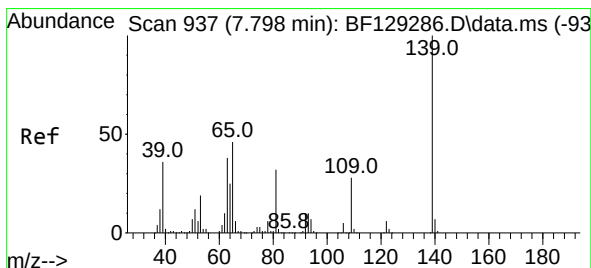
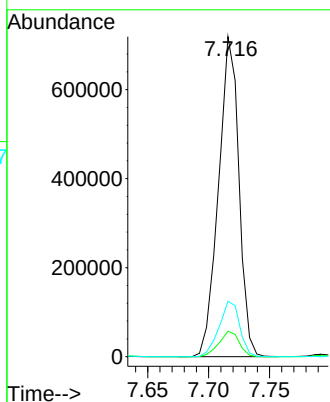
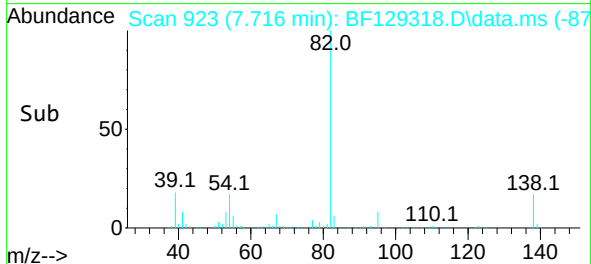
Instrument :
BNA_F
ClientSampleId :
IDW-VB1-071922MS



Tgt Ion: 82 Resp: 83826
Ion Ratio Lower Upper
82 100
95 7.9 5.7 8.5
138 17.3 14.2 21.2

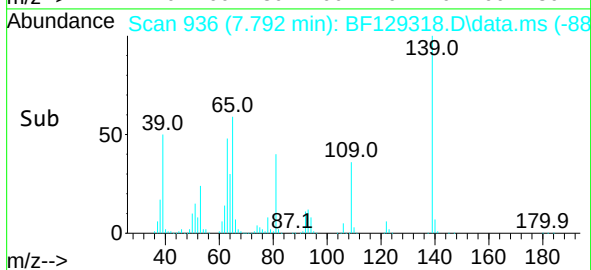
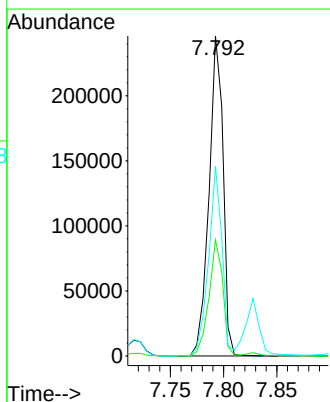
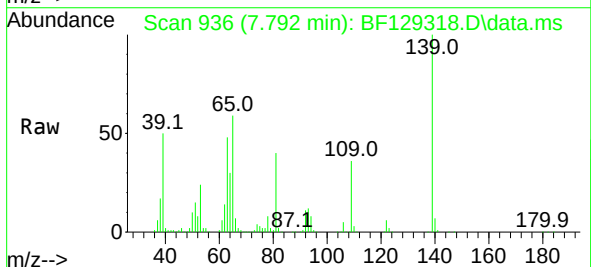
Manual Integrations
APPROVED

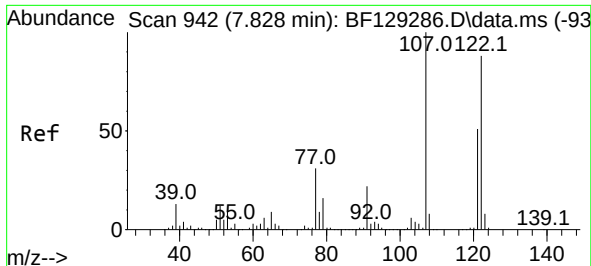
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#26
2-Nitrophenol
Concen: 49.597 ng
RT: 7.792 min Scan# 936
Delta R.T. -0.006 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31

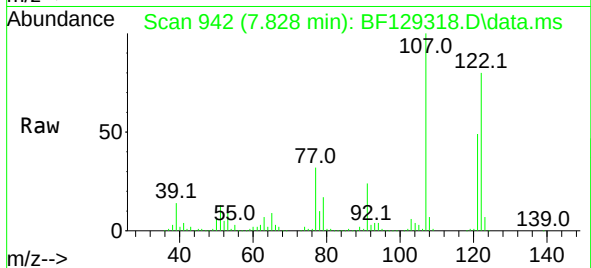
Tgt Ion:139 Resp: 226517
Ion Ratio Lower Upper
139 100
109 36.3 25.0 37.4
65 59.2 45.1 67.7





#27
2,4-Dimethylphenol
Concen: 55.077 ng
RT: 7.828 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31

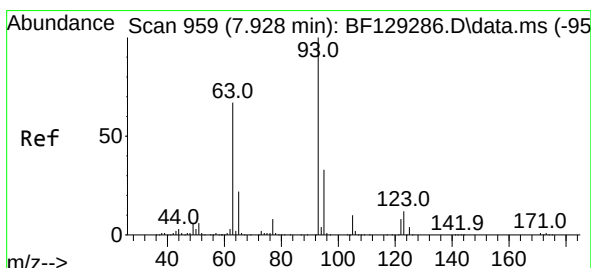
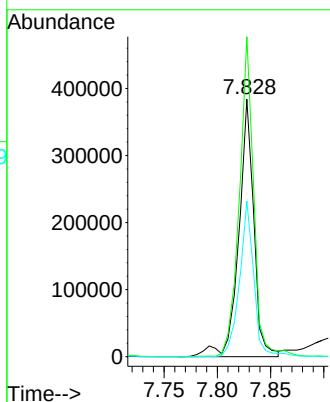
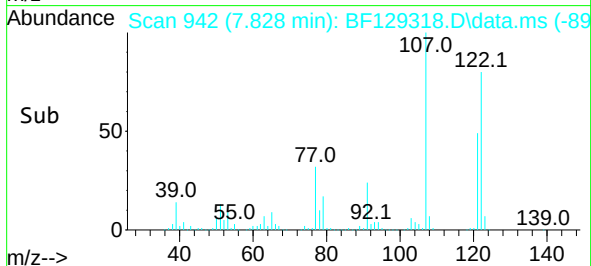
Instrument :
BNA_F
ClientSampleId :
IDW-VB1-071922MS



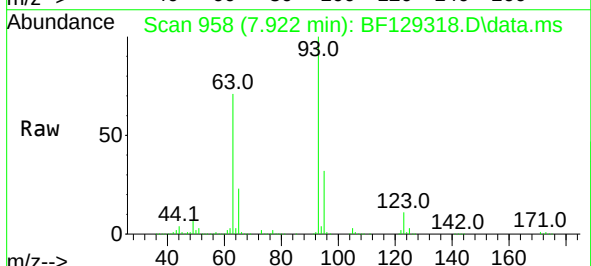
Tgt Ion:122 Resp: 378419
Ion Ratio Lower Upper
122 100
107 124.3 93.0 139.6
121 60.5 46.6 70.0

Manual Integrations
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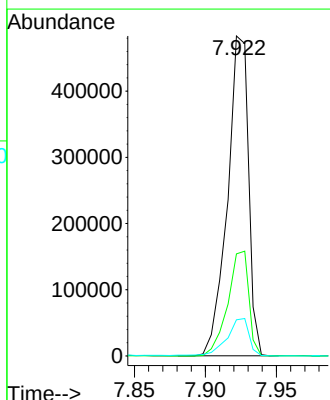
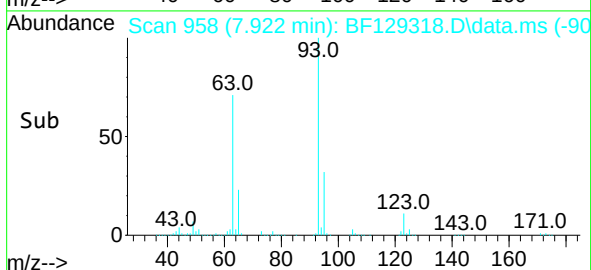
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

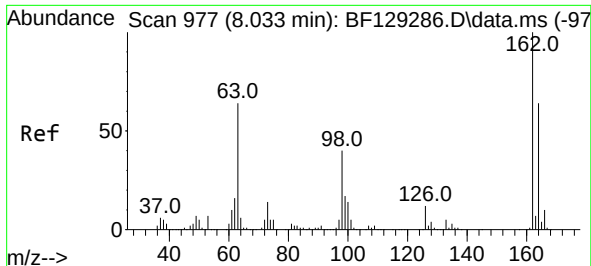


#28
bis(2-Chloroethoxy)methane
Concen: 53.448 ng
RT: 7.922 min Scan# 958
Delta R.T. -0.006 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31



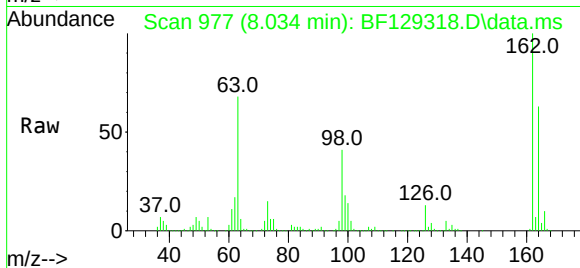
Tgt Ion: 93 Resp: 499568
Ion Ratio Lower Upper
93 100
95 31.9 26.8 40.2
123 11.3 9.2 13.8





#29
2,4-Dichlorophenol
Concen: 48.993 ng
RT: 8.034 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31

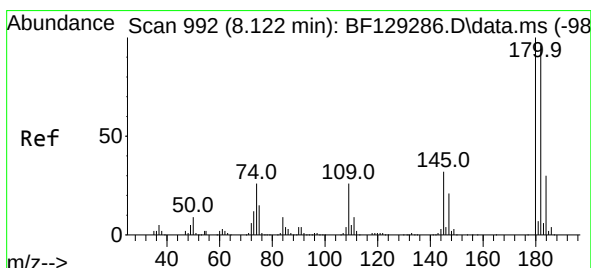
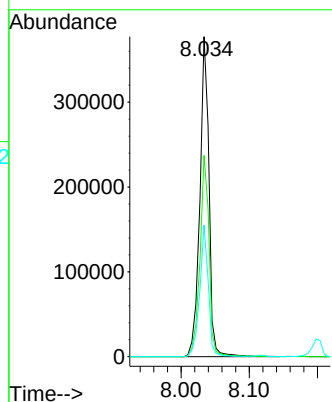
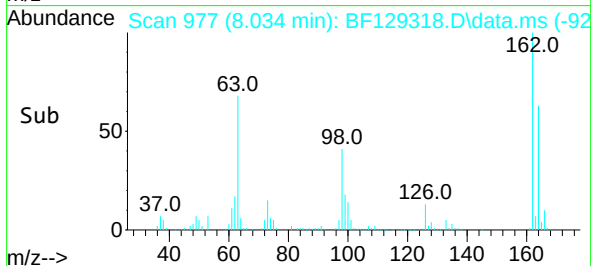
Instrument :
BNA_F
ClientSampleId :
IDW-VB1-071922MS



Tgt Ion:162 Resp: 350129
Ion Ratio Lower Upper
162 100
164 62.9 44.2 84.2
98 41.1 19.6 59.6

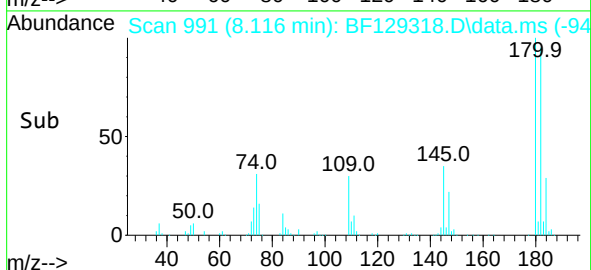
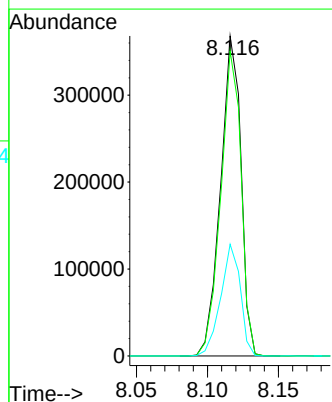
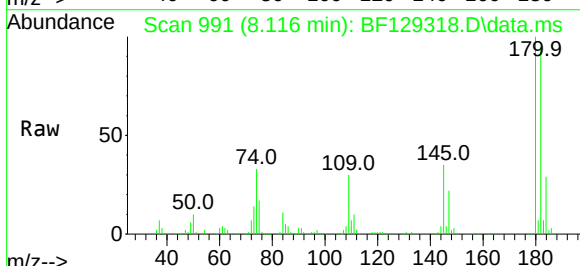
Manual Integrations
APPROVED

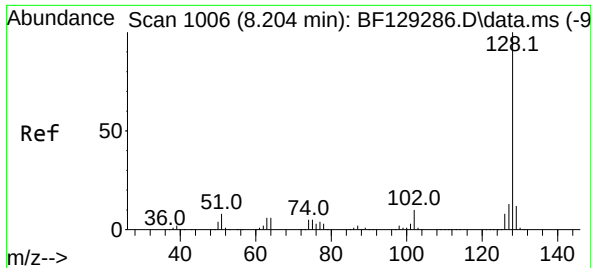
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#30
1,2,4-Trichlorobenzene
Concen: 49.440 ng
RT: 8.116 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31

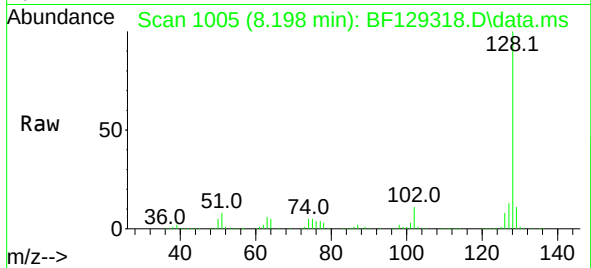
Tgt Ion:180 Resp: 367203
Ion Ratio Lower Upper
180 100
182 95.3 79.2 118.8
145 34.9 26.2 39.2





#31
Naphthalene
Concen: 48.621 ng
RT: 8.198 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31

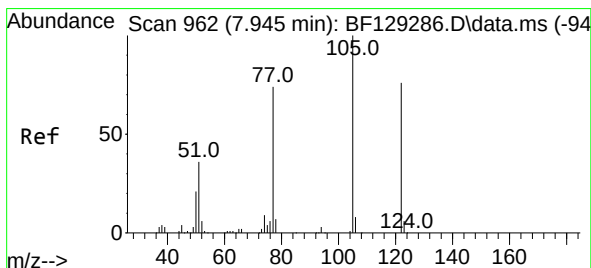
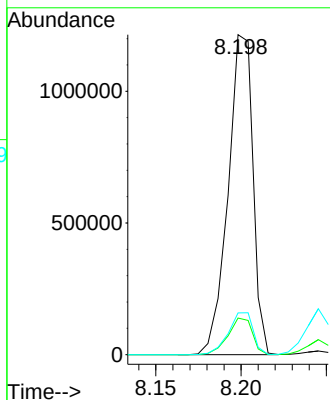
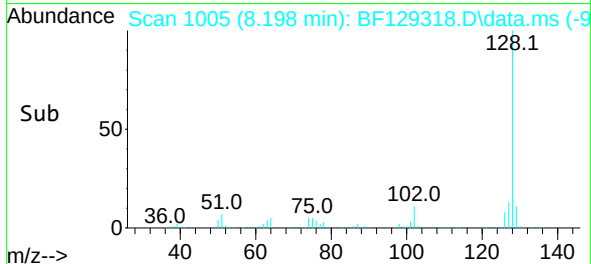
Instrument :
BNA_F
ClientSampleId :
IDW-VB1-071922MS



Tgt Ion:128 Resp: 123290
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.0 10.5 15.7

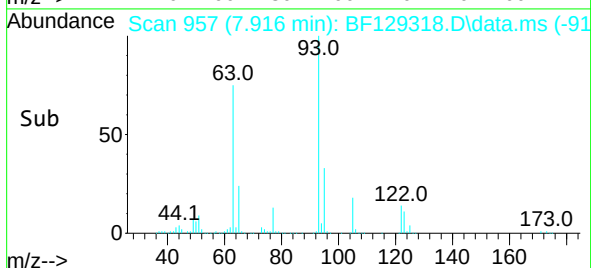
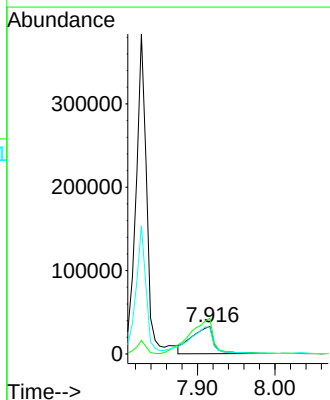
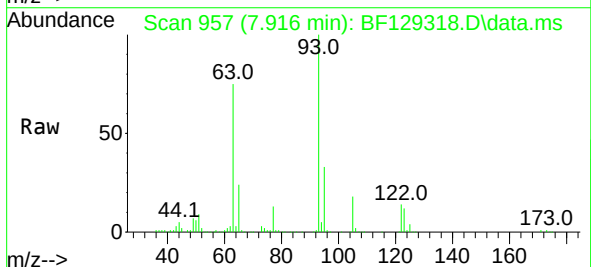
Manual Integrations
APPROVED

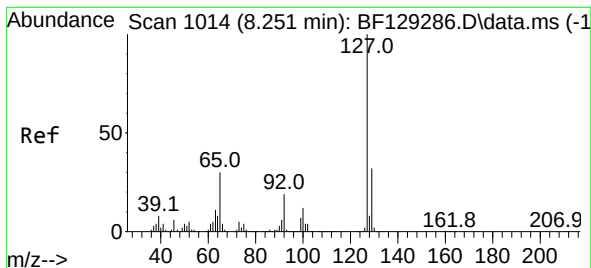
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#32
Benzoic acid
Concen: 13.179 ng
RT: 7.916 min Scan# 957
Delta R.T. -0.029 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31

Tgt Ion:122 Resp: 66183
Ion Ratio Lower Upper
122 100
105 130.3 107.1 147.1
77 96.7 74.2 114.2





#33

4-Chloroaniline

Concen: 19.470 ng

RT: 8.245 min Scan# 1013

Delta R.T. -0.006 min

Lab File: BF129318.D

Acq: 22 Jul 2022 16:31

Instrument :

BNA_F

ClientSampleId :

IDW-VB1-071922MS

Tgt Ion:127 Resp: 20137

Ion Ratio Lower Upper

127 100

129 32.9 26.4 39.6

65 32.5 26.4 39.6

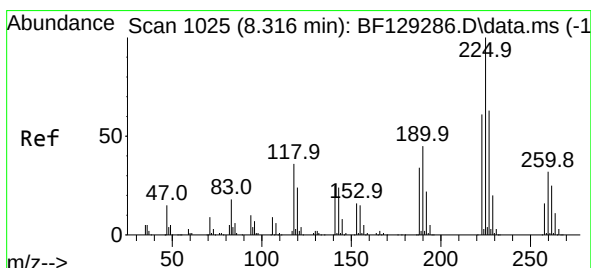
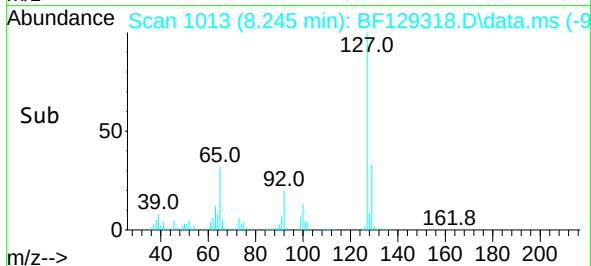
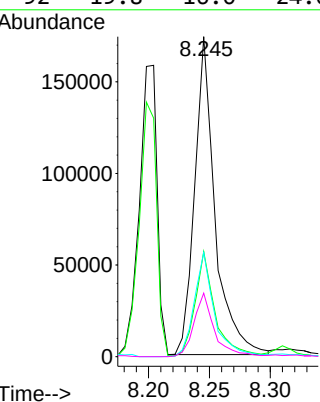
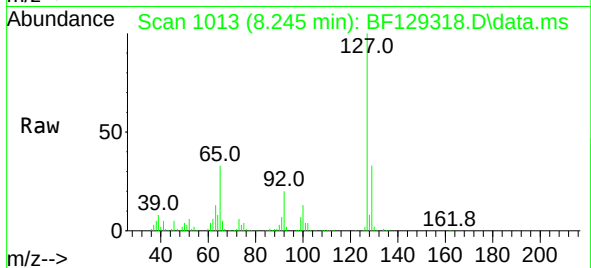
92 19.8 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/25/2022

Supervised By :Jagrut Upadhyay 07/25/2022



#34

Hexachlorobutadiene

Concen: 54.294 ng

RT: 8.310 min Scan# 1024

Delta R.T. -0.006 min

Lab File: BF129318.D

Acq: 22 Jul 2022 16:31

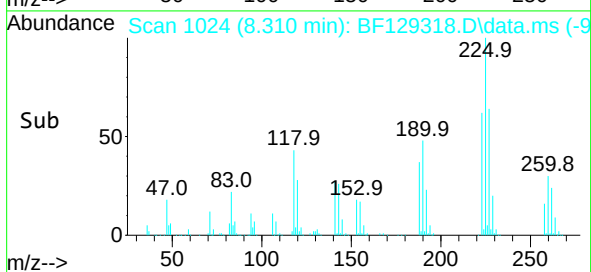
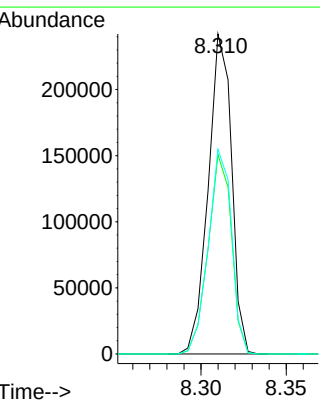
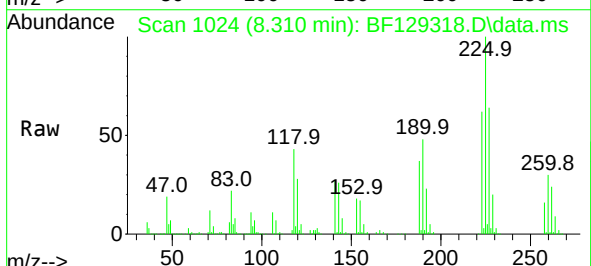
Tgt Ion:225 Resp: 230489

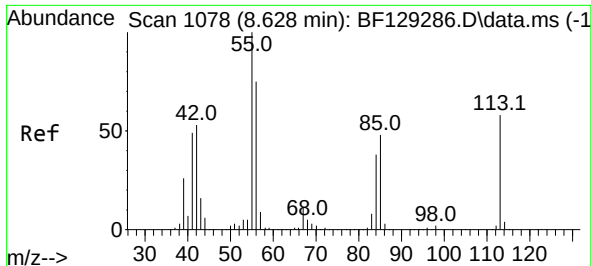
Ion Ratio Lower Upper

225 100

223 62.3 51.0 76.6

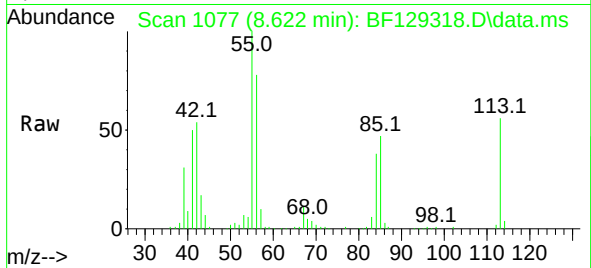
227 64.0 51.1 76.7





#35
Caprolactam
Concen: 38.374 ng m
RT: 8.622 min Scan# 1077
Delta R.T. -0.006 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31

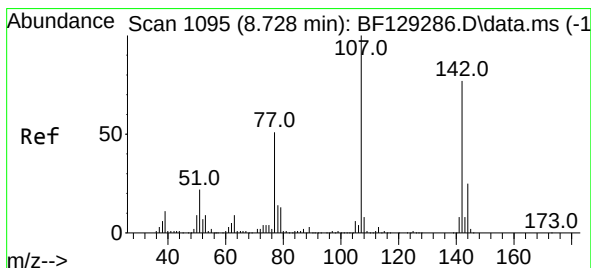
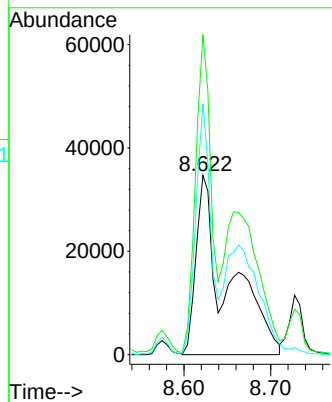
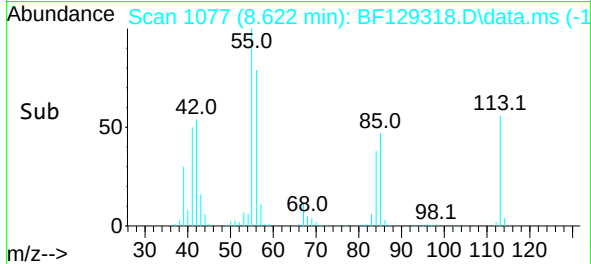
Instrument :
BNA_F
ClientSampleId :
IDW-VB1-071922MS



Tgt Ion:113 Resp: 8746
Ion Ratio Lower Upper
113 100
55 178.4 188.5 228.5
56 139.9 130.6 170.6

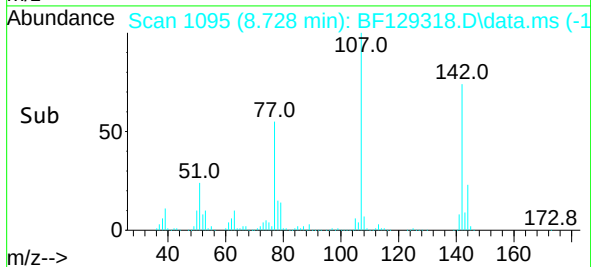
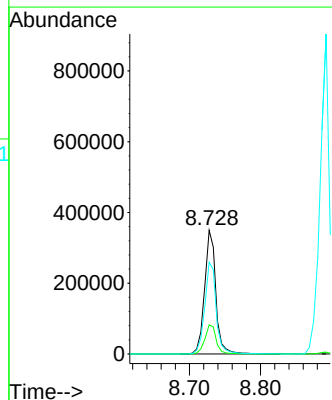
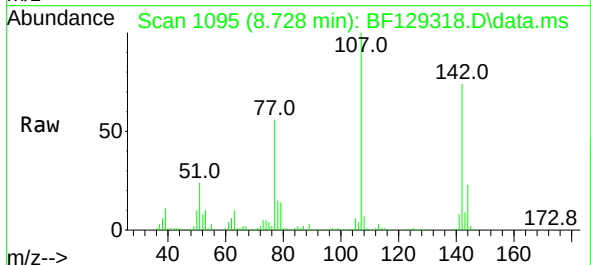
Manual Integrations
APPROVED

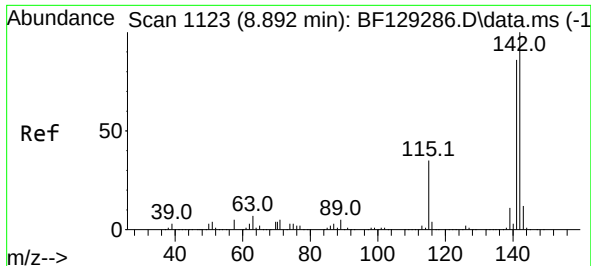
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#36
4-Chloro-3-methylphenol
Concen: 50.842 ng
RT: 8.728 min Scan# 1095
Delta R.T. 0.000 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31

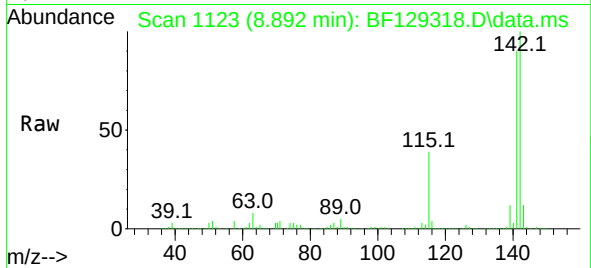
Tgt Ion:107 Resp: 386011
Ion Ratio Lower Upper
107 100
144 23.5 19.5 29.3
142 74.1 58.2 87.4





#37
2-Methylnaphthalene
Concen: 48.984 ng
RT: 8.892 min Scan# 1123
Delta R.T. 0.000 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31

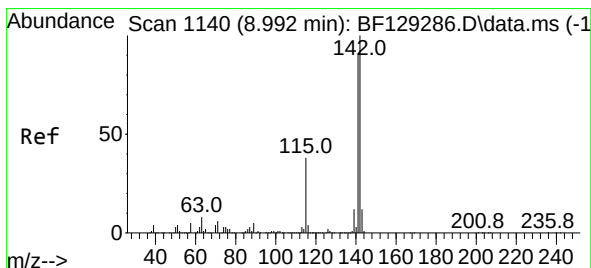
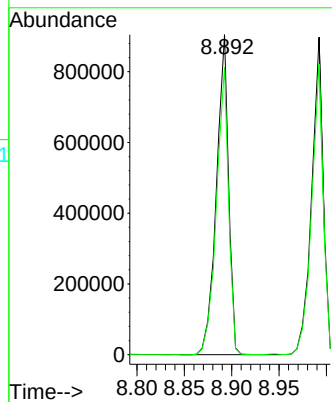
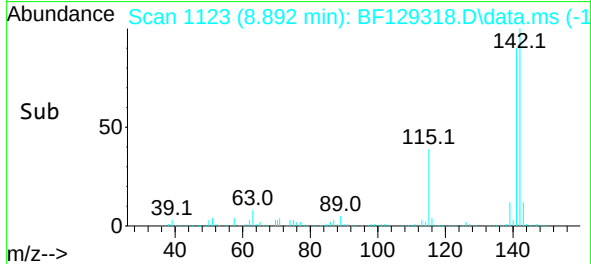
Instrument :
BNA_F
ClientSampleId :
IDW-VB1-071922MS



Tgt Ion:142 Resp: 80488
Ion Ratio Lower Upper
142 100
141 89.8 71.0 106.4

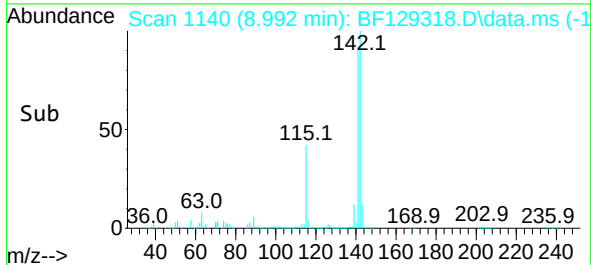
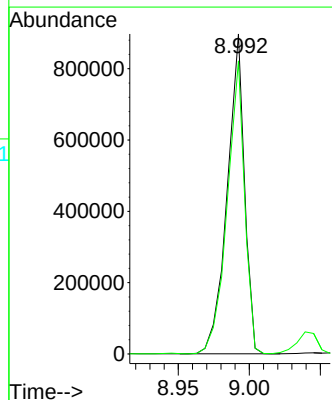
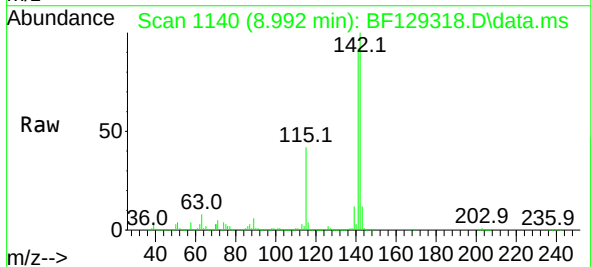
Manual Integrations
APPROVED

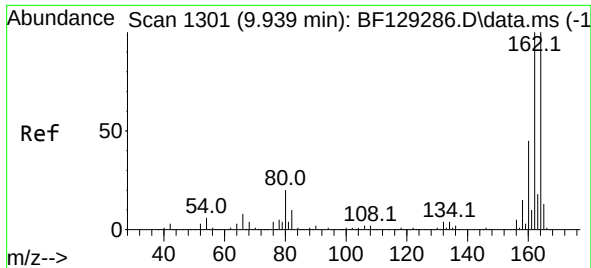
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#38
1-Methylnaphthalene
Concen: 47.866 ng
RT: 8.992 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31

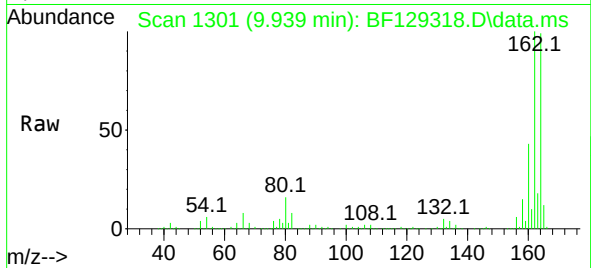
Tgt Ion:142 Resp: 760947
Ion Ratio Lower Upper
142 100
141 91.6 74.2 111.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1101
Delta R.T. 0.000 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31

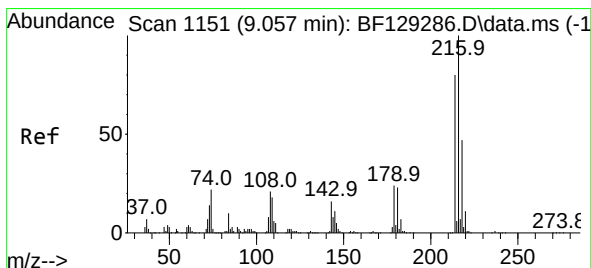
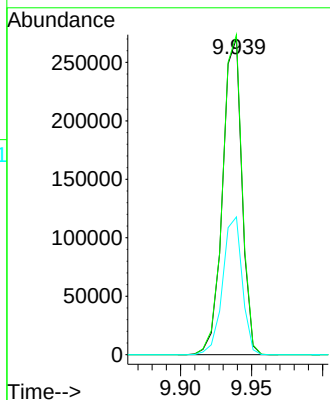
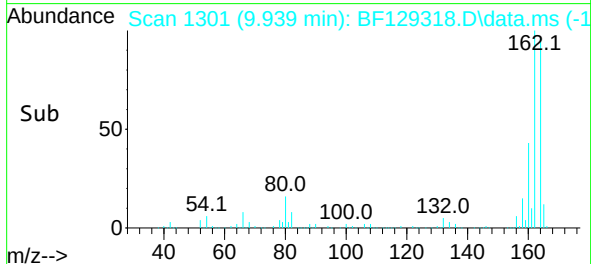
Instrument :
BNA_F
ClientSampleId :
IDW-VB1-071922MS



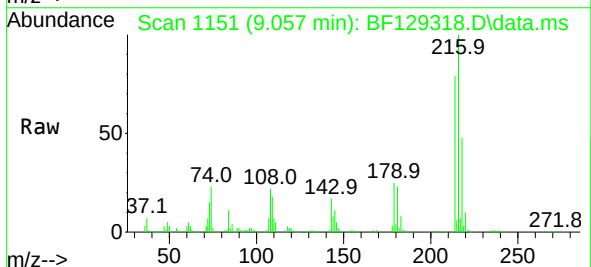
Tgt Ion:164 Resp: 255414
Ion Ratio Lower Upper
164 100
162 101.2 79.5 119.3
160 43.6 34.2 51.4

Manual Integrations
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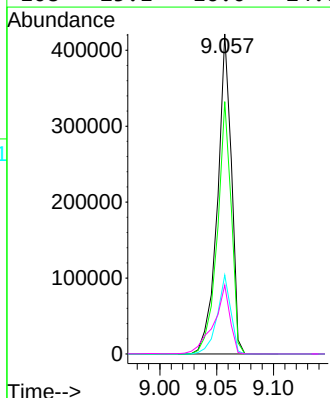
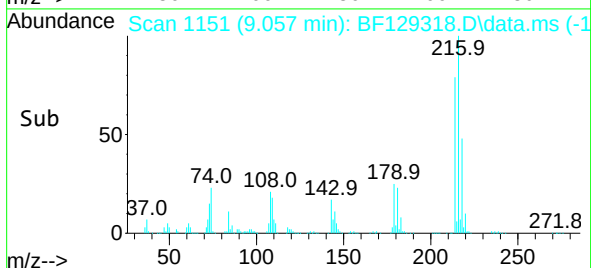
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

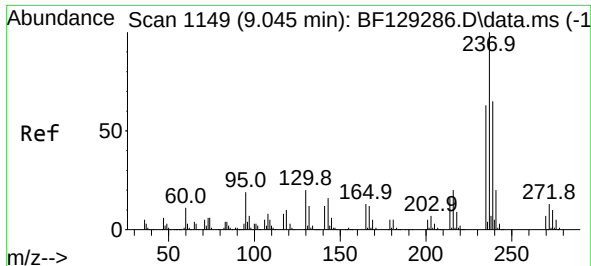


#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.598 ng
RT: 9.057 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31



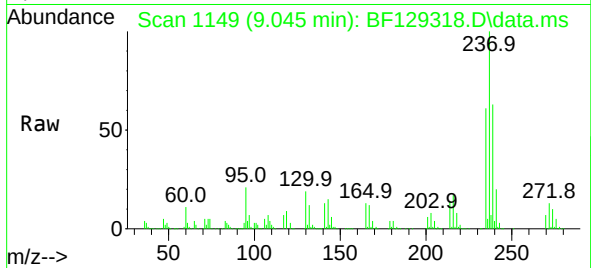
Tgt Ion:216 Resp: 359395
Ion Ratio Lower Upper
216 100
214 78.5 63.6 95.4
179 24.0 17.0 25.6
108 25.1 16.0 24.0#





#41
Hexachlorocyclopentadiene
Concen: 148.477 ng
RT: 9.045 min Scan# 1149
Delta R.T. 0.000 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31

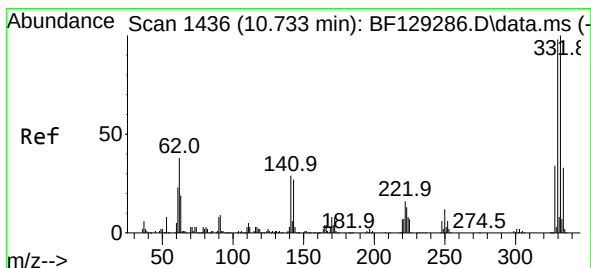
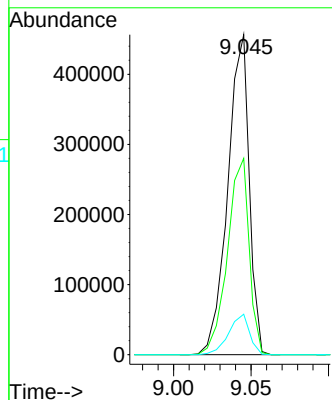
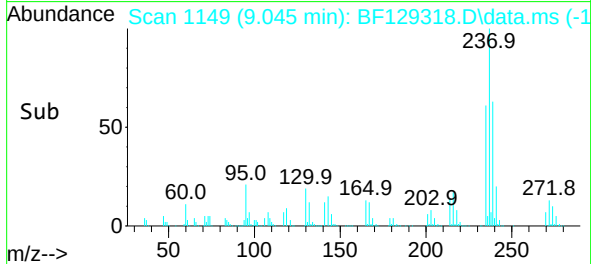
Instrument :
BNA_F
ClientSampleId :
IDW-VB1-071922MS



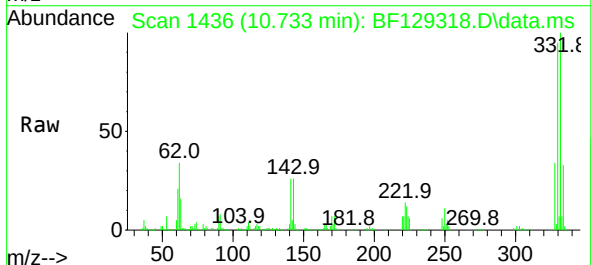
Tgt Ion:237 Resp: 438828
Ion Ratio Lower Upper
237 100
235 61.3 43.2 83.2
272 12.7 0.0 31.9

Manual Integrations
APPROVED

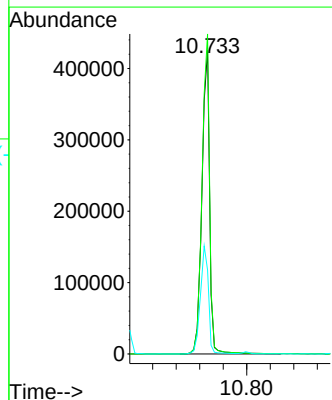
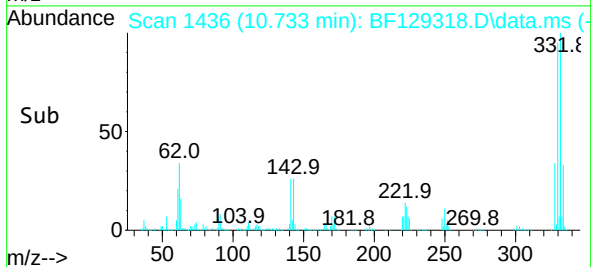
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

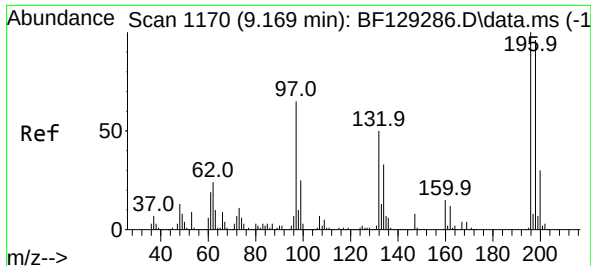


#42
2,4,6-Tribromophenol
Concen: 157.335 ng
RT: 10.733 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31



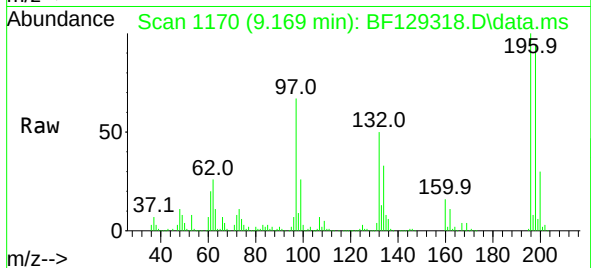
Tgt Ion:330 Resp: 387708
Ion Ratio Lower Upper
330 100
332 103.7 76.8 115.2
141 37.1 28.0 42.0





#43
2,4,6-Trichlorophenol
Concen: 49.999 ng
RT: 9.169 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31

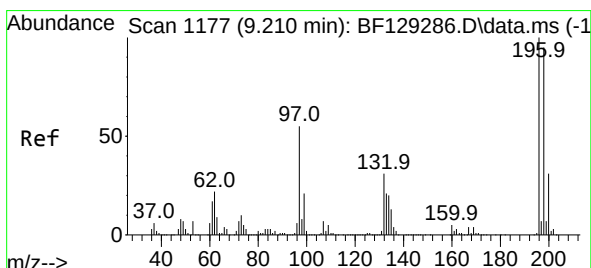
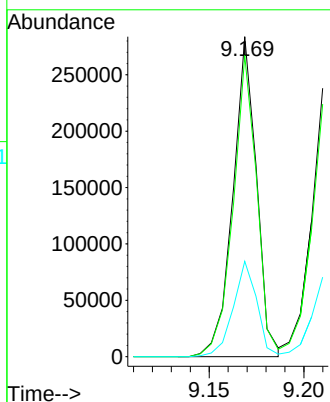
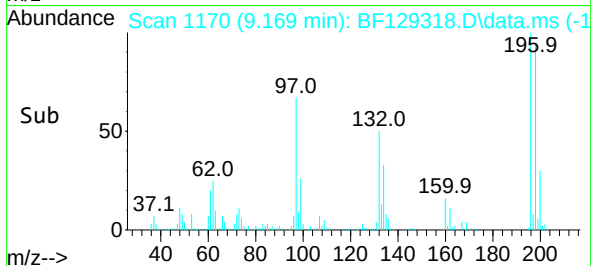
Instrument :
BNA_F
ClientSampleId :
IDW-VB1-071922MS



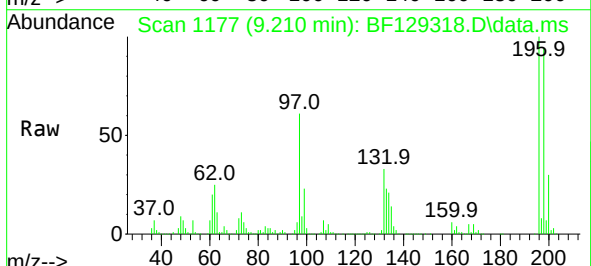
Tgt Ion:196 Resp: 24500
Ion Ratio Lower Upper
196 100
198 94.1 74.0 111.0
200 29.8 24.1 36.1

Manual Integrations
APPROVED

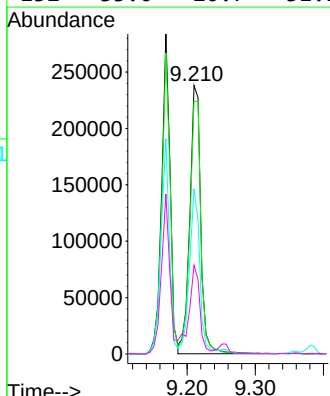
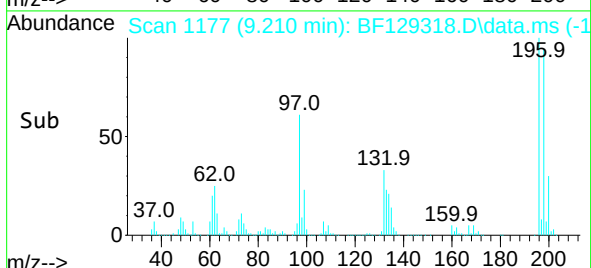
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

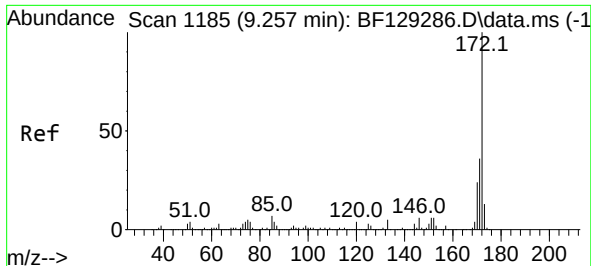


#44
2,4,5-Trichlorophenol
Concen: 49.716 ng
RT: 9.210 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31



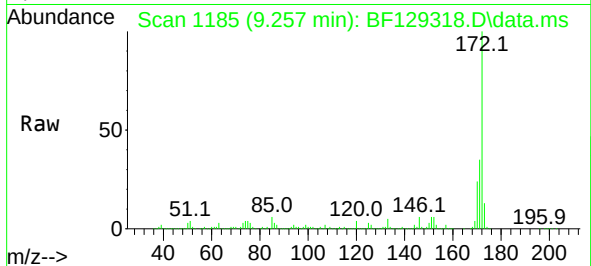
Tgt Ion:196 Resp: 264277
Ion Ratio Lower Upper
196 100
198 94.1 75.7 113.5
97 61.5 36.4 54.6#
132 33.0 20.7 31.1#





#45
2-Fluorobiphenyl
Concen: 96.801 ng
RT: 9.257 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31

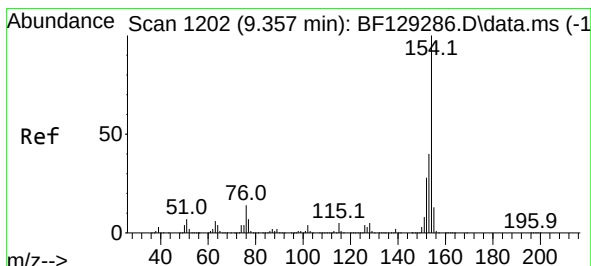
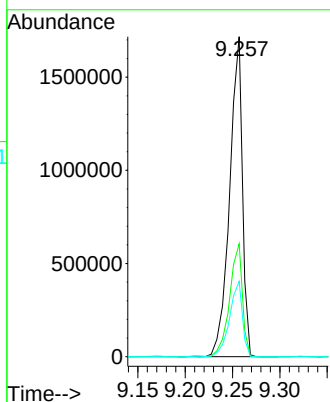
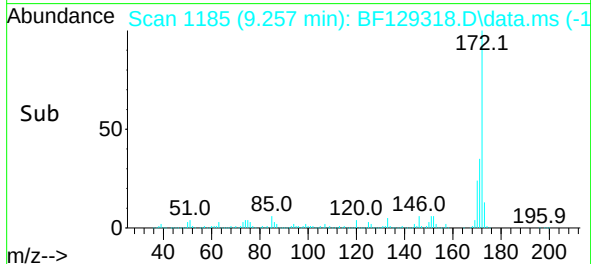
Instrument :
BNA_F
ClientSampleId :
IDW-VB1-071922MS



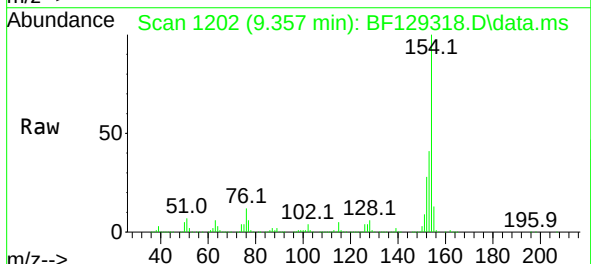
Tgt Ion:172 Resp: 1607190
Ion Ratio Lower Upper
172 100
171 35.3 28.8 43.2
170 23.6 19.8 29.8

Manual Integrations
APPROVED

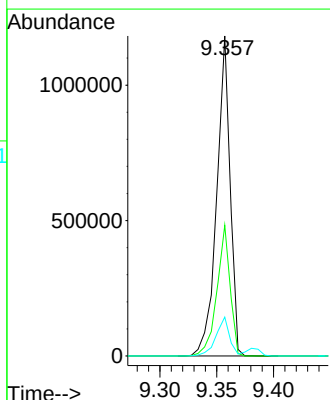
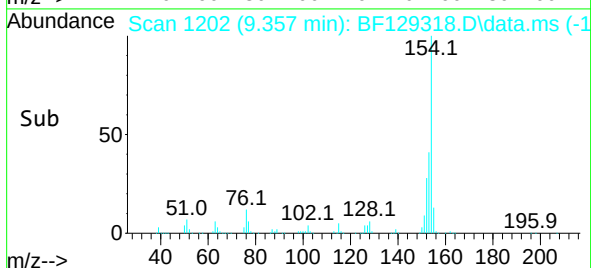
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

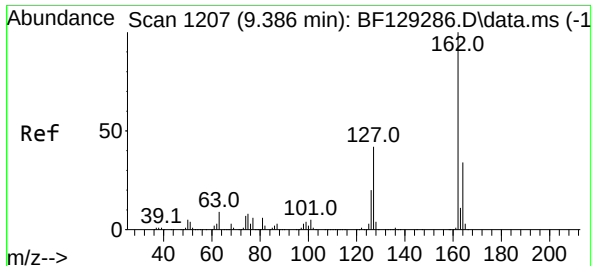


#46
1,1'-Biphenyl
Concen: 51.520 ng
RT: 9.357 min Scan# 1202
Delta R.T. 0.000 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31



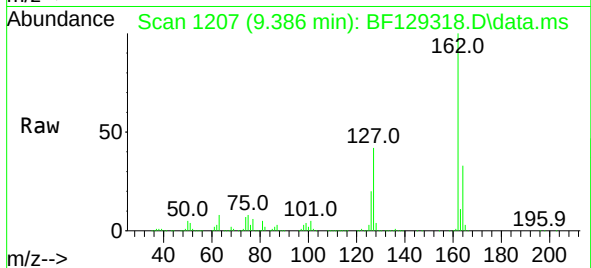
Tgt Ion:154 Resp: 972363
Ion Ratio Lower Upper
154 100
153 40.8 20.6 60.6
76 12.2 0.0 33.3





#47
2-Chloronaphthalene
Concen: 50.223 ng
RT: 9.386 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31

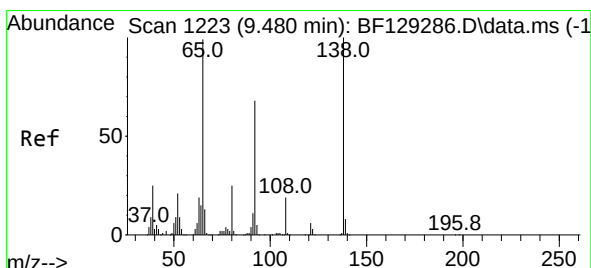
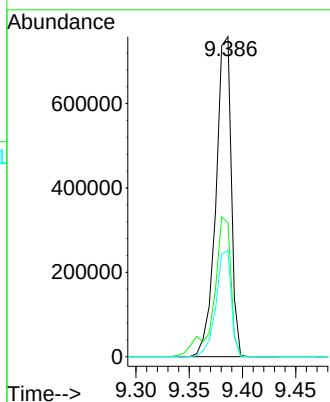
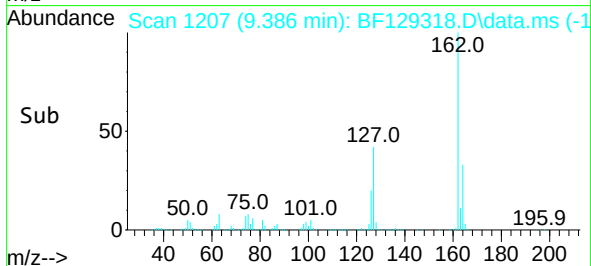
Instrument :
BNA_F
ClientSampleId :
IDW-VB1-071922MS



Tgt Ion:162 Resp: 75926
Ion Ratio Lower Upper
162 100
127 41.9 34.5 51.7
164 33.2 26.5 39.7

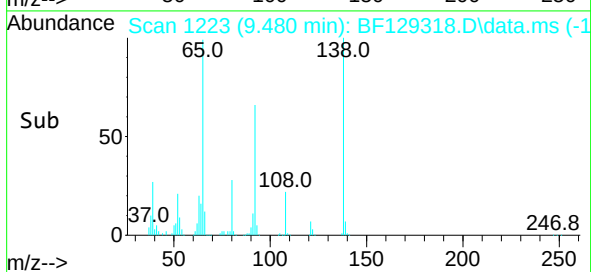
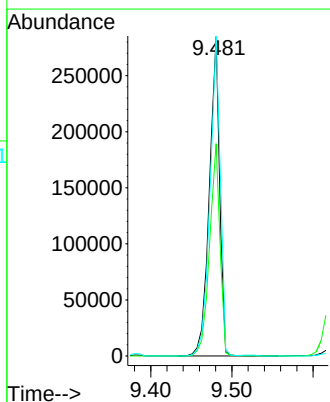
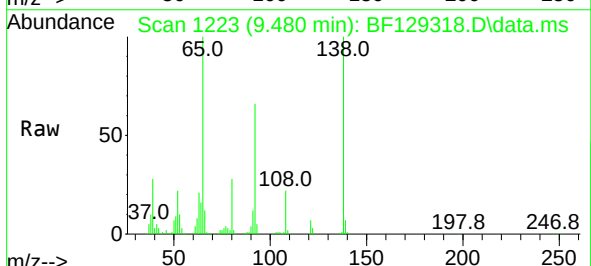
Manual Integrations
APPROVED

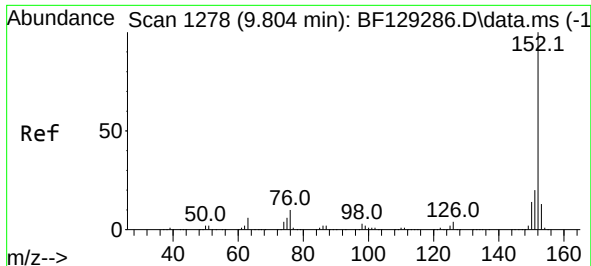
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#48
2-Nitroaniline
Concen: 49.333 ng
RT: 9.480 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31

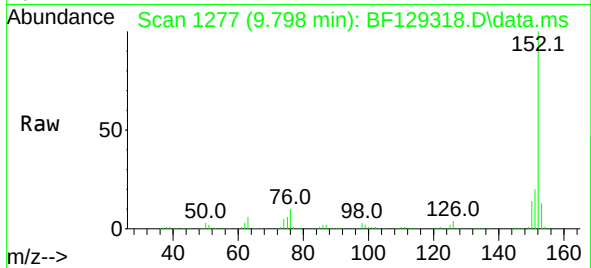
Tgt Ion: 65 Resp: 250480
Ion Ratio Lower Upper
65 100
92 66.5 51.9 77.9
138 100.3 76.4 114.6





#49
Acenaphthylene
Concen: 50.169 ng
RT: 9.798 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31

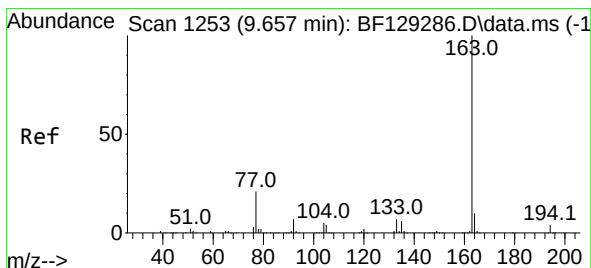
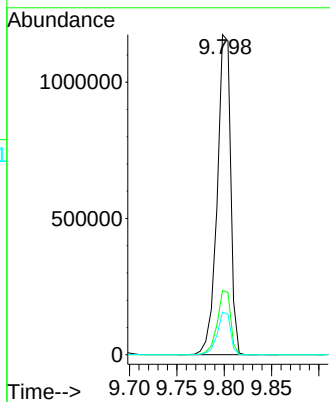
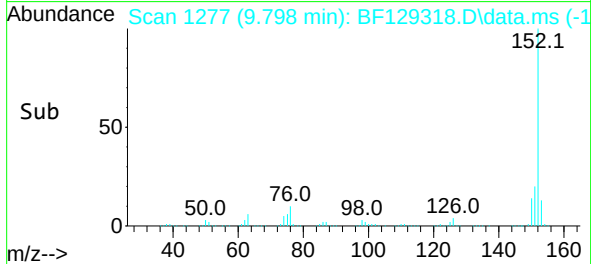
Instrument :
BNA_F
ClientSampleId :
IDW-VB1-071922MS



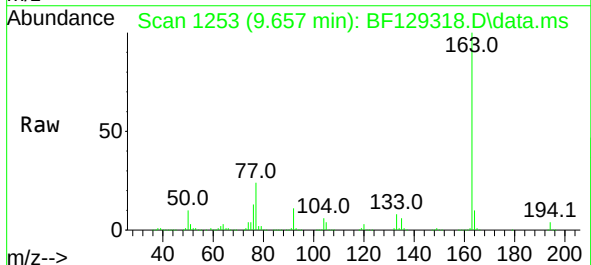
Tgt Ion:152 Resp: 1164728
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 13.3 10.7 16.1

Manual Integrations
APPROVED

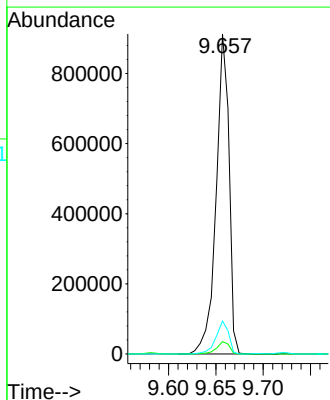
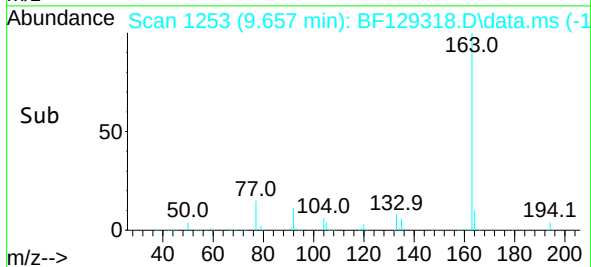
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

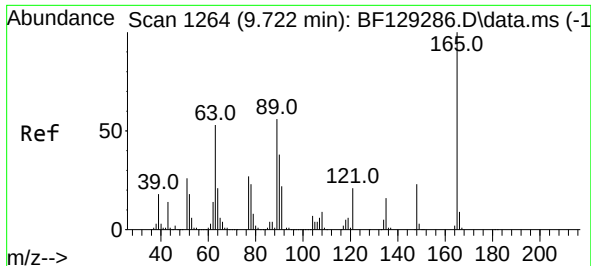


#50
Dimethylphthalate
Concen: 49.353 ng
RT: 9.657 min Scan# 1253
Delta R.T. 0.000 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31



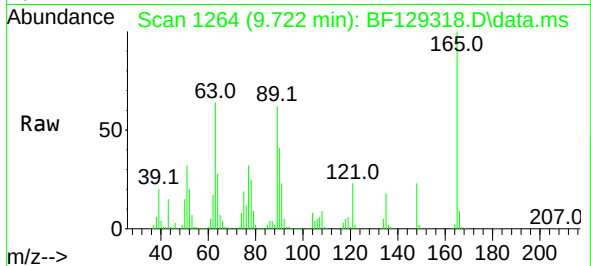
Tgt Ion:163 Resp: 866028
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.3 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 49.445 ng
RT: 9.722 min Scan# 1264
Delta R.T. 0.000 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31

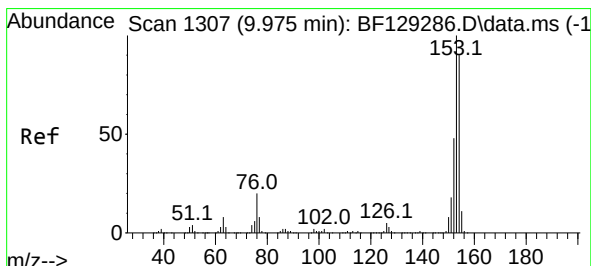
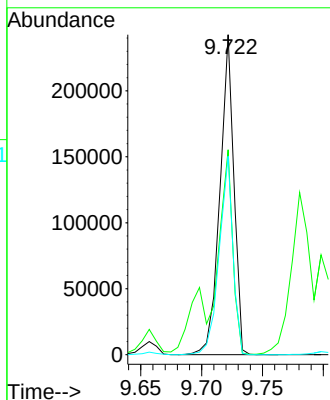
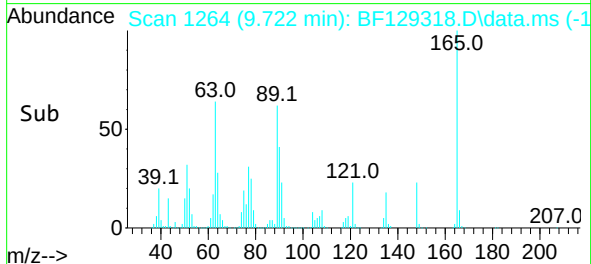
Instrument :
BNA_F
ClientSampleId :
IDW-VB1-071922MS



Tgt Ion:165 Resp: 194274
Ion Ratio Lower Upper
165 100
63 64.1 44.9 67.3
89 62.0 43.6 65.4

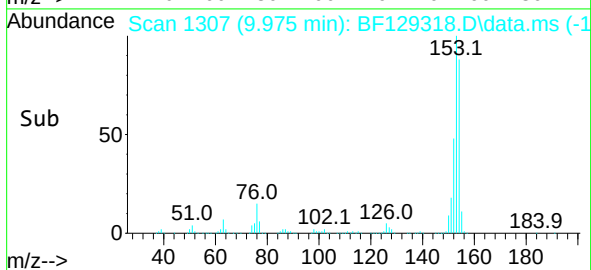
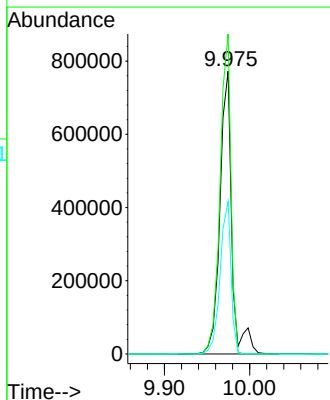
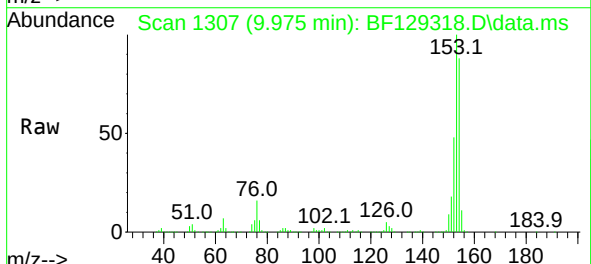
Manual Integrations
APPROVED

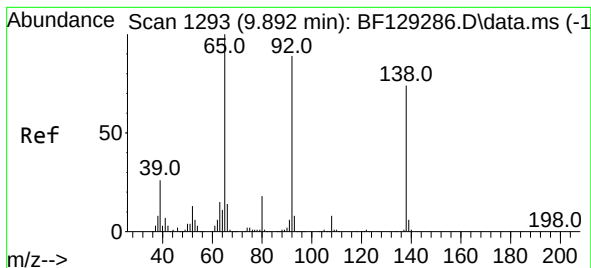
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#52
Acenaphthene
Concen: 49.656 ng
RT: 9.975 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31

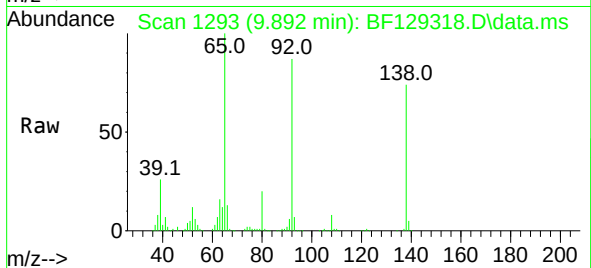
Tgt Ion:154 Resp: 748148
Ion Ratio Lower Upper
154 100
153 113.1 89.6 134.4
152 53.9 42.4 63.6





#53
3-Nitroaniline
Concen: 31.138 ng
RT: 9.892 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31

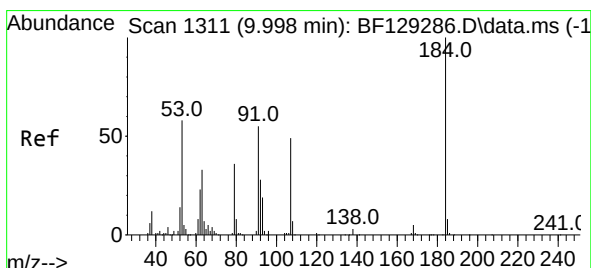
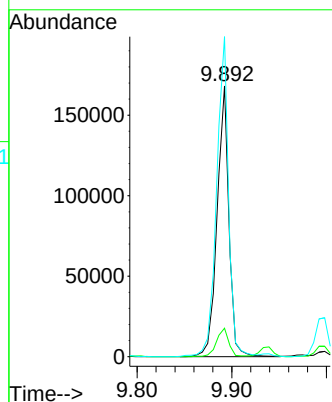
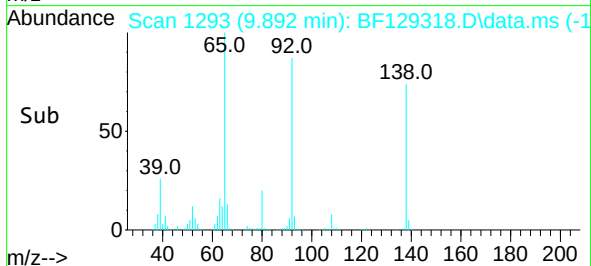
Instrument :
BNA_F
ClientSampleId :
IDW-VB1-071922MS



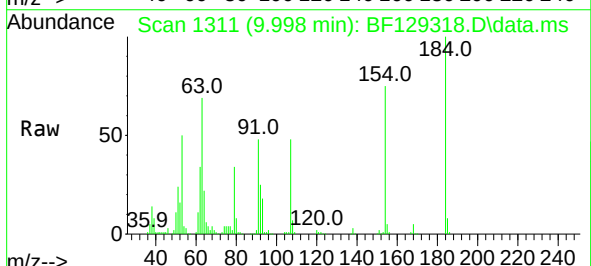
Tgt Ion:138 Resp: 14557
Ion Ratio Lower Upper
138 100
108 10.5 10.9 16.3
92 118.2 98.2 147.2

Manual Integrations
APPROVED

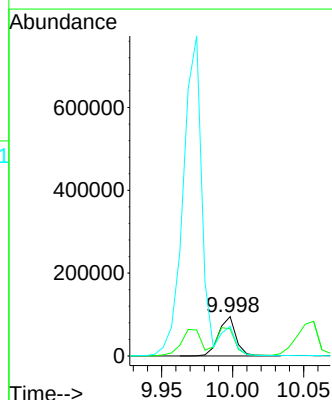
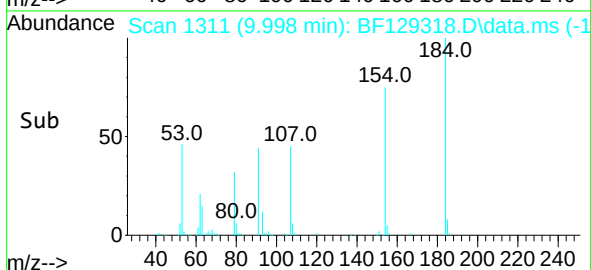
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

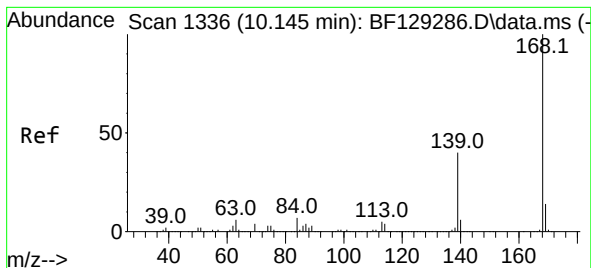


#54
2,4-Dinitrophenol
Concen: 40.801 ng
RT: 9.998 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31



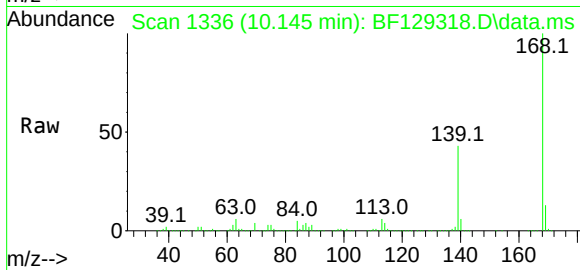
Tgt Ion:184 Resp: 81120
Ion Ratio Lower Upper
184 100
63 68.9 64.5 96.7
154 75.0 50.6 75.8





#55
Dibenzenofuran
Concen: 49.906 ng
RT: 10.145 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31

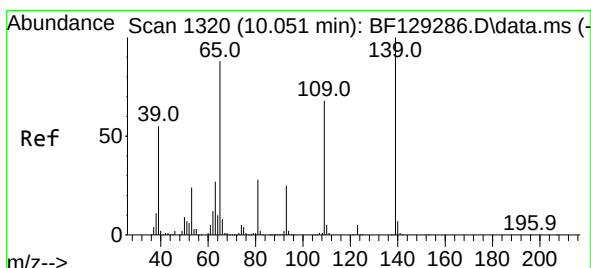
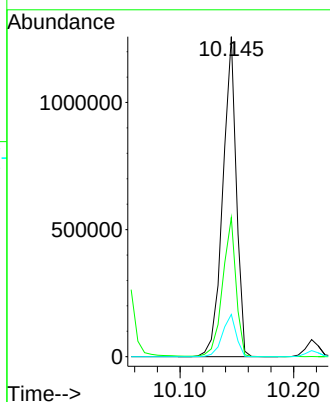
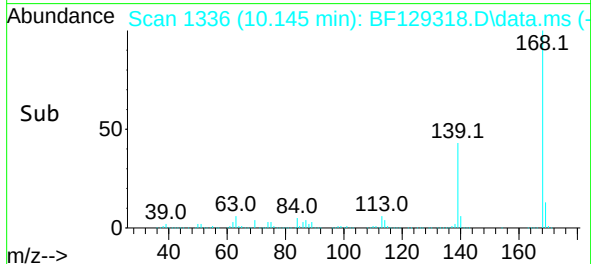
Instrument :
BNA_F
ClientSampleId :
IDW-VB1-071922MS



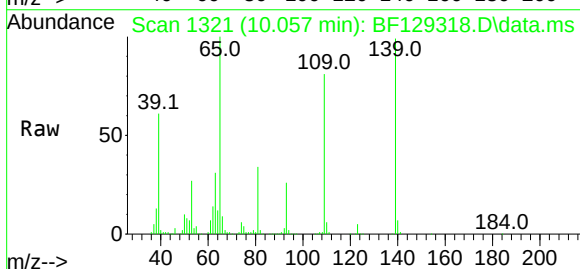
Tgt Ion:168 Resp: 1044904
Ion Ratio Lower Upper
168 100
139 43.4 30.6 46.0
169 13.2 11.0 16.6

Manual Integrations
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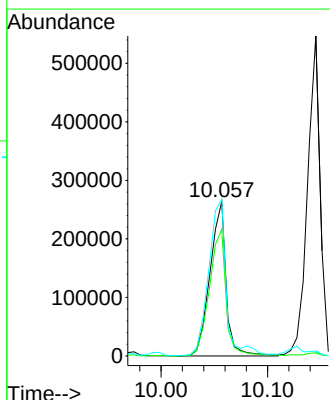
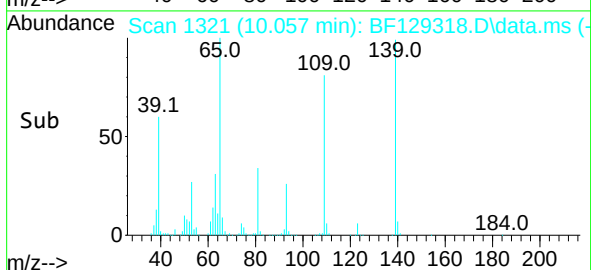
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

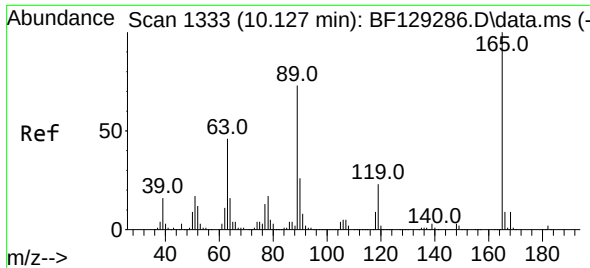


#56
4-Nitrophenol
Concen: 81.042 ng
RT: 10.057 min Scan# 1321
Delta R.T. 0.006 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31



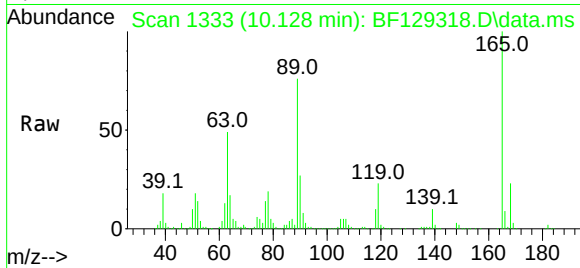
Tgt Ion:139 Resp: 276681
Ion Ratio Lower Upper
139 100
109 82.1 50.7 90.7
65 101.4 74.5 114.5





#57
2,4-Dinitrotoluene
Concen: 49.582 ng
RT: 10.128 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31

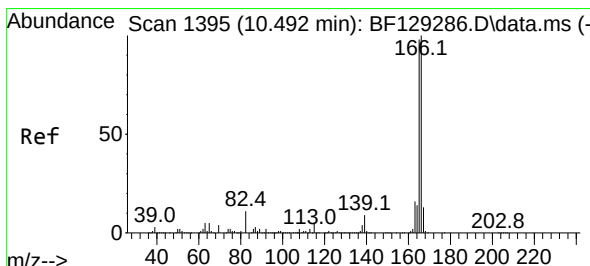
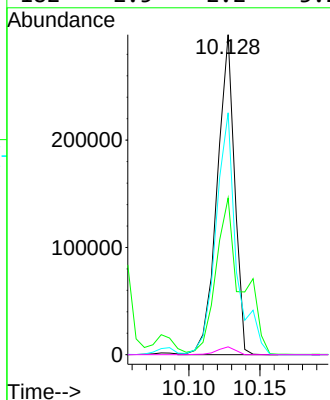
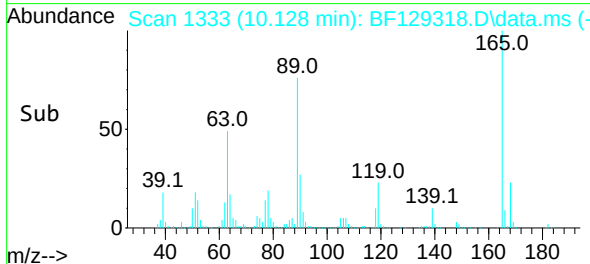
Instrument :
BNA_F
ClientSampleId :
IDW-VB1-071922MS



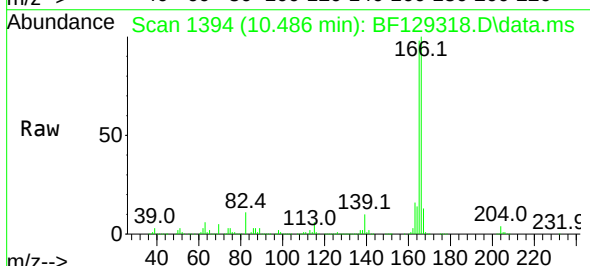
Tgt Ion:165 Resp: 25539
Ion Ratio Lower Upper
165 100
63 48.9 39.8 59.6
89 75.6 60.2 90.2
182 2.5 2.2 3.2

Manual Integrations
APPROVED

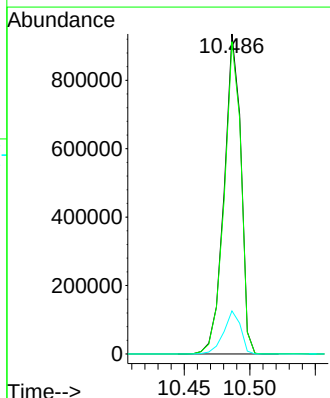
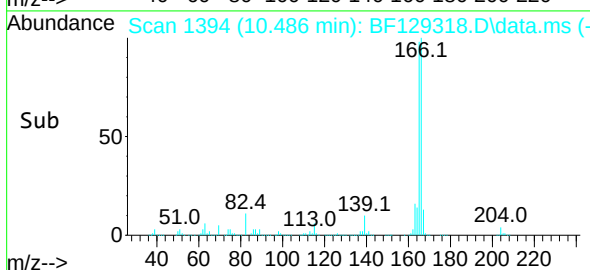
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

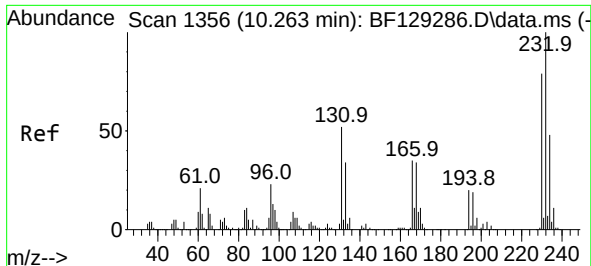


#58
Fluorene
Concen: 49.680 ng
RT: 10.486 min Scan# 1394
Delta R.T. -0.006 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31



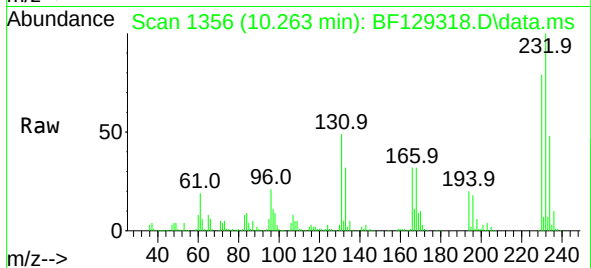
Tgt Ion:166 Resp: 830179
Ion Ratio Lower Upper
166 100
165 97.6 78.1 117.1
167 13.4 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.015 ng
RT: 10.263 min Scan# 1356
Delta R.T. 0.000 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31

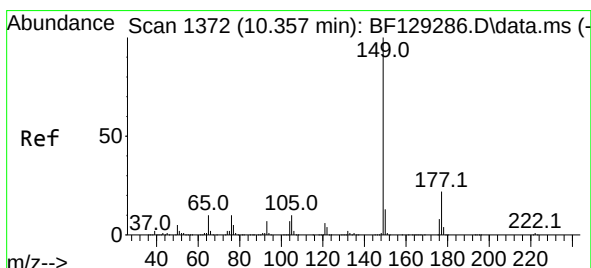
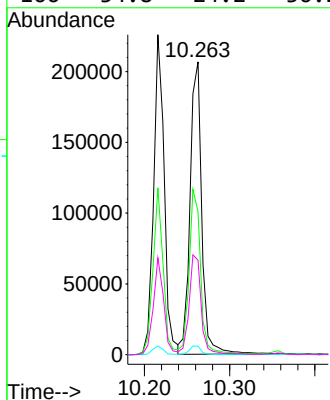
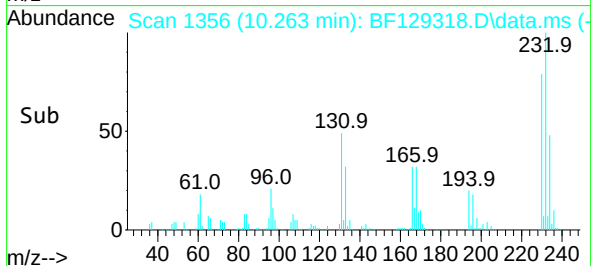
Instrument :
BNA_F
ClientSampleId :
IDW-VB1-071922MS



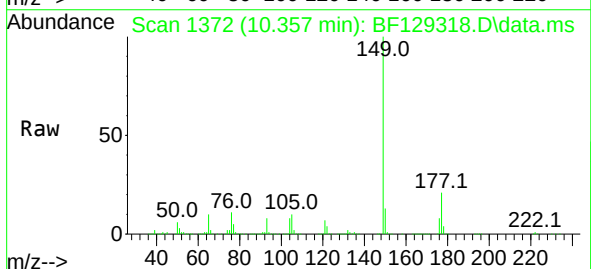
Tgt Ion:232 Resp: 196772
Ion Ratio Lower Upper
232 100
131 54.9 36.1 54.1
130 3.1 1.8 2.8
166 34.8 24.2 36.2

Manual Integrations
APPROVED

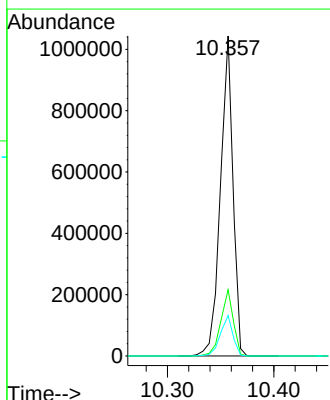
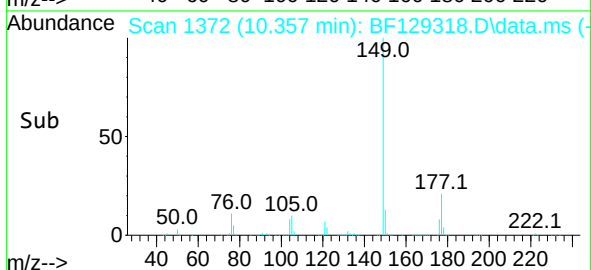
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

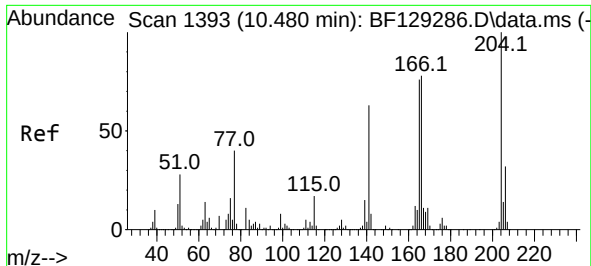


#60
Diethylphthalate
Concen: 50.394 ng
RT: 10.357 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31



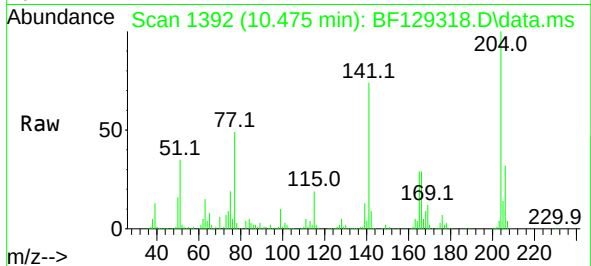
Tgt Ion:149 Resp: 850817
Ion Ratio Lower Upper
149 100
177 20.7 17.3 25.9
150 12.7 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 52.536 ng
RT: 10.475 min Scan# 1392
Delta R.T. -0.006 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31

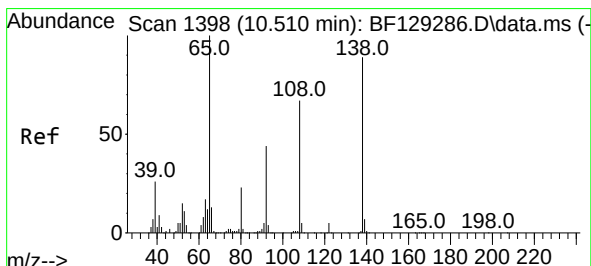
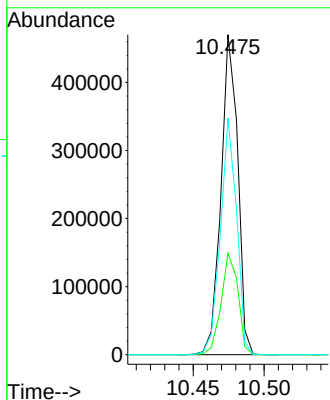
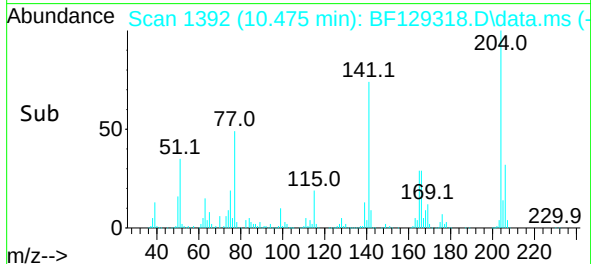
Instrument :
BNA_F
ClientSampleId :
IDW-VB1-071922MS



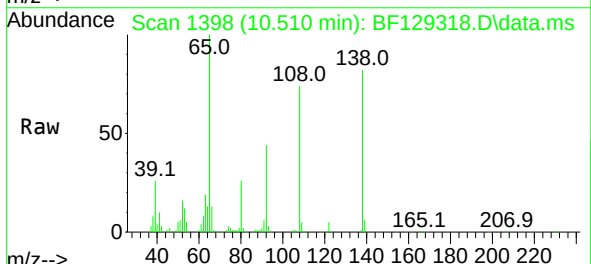
Tgt Ion:204 Resp: 384080
Ion Ratio Lower Upper
204 100
206 31.7 25.8 38.6
141 73.9 47.0 70.4

Manual Integrations
APPROVED

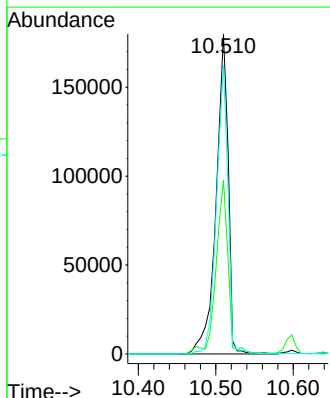
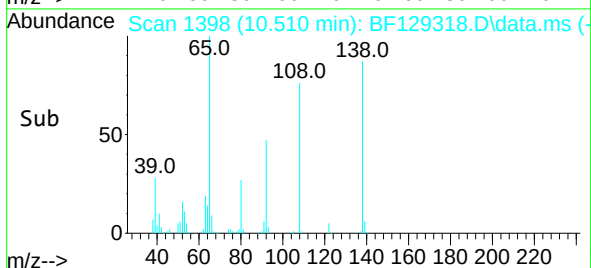
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

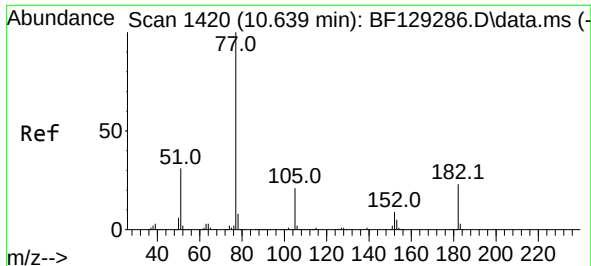


#62
4-Nitroaniline
Concen: 42.450 ng
RT: 10.510 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31



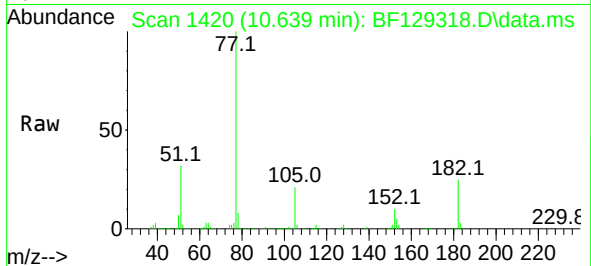
Tgt Ion:138 Resp: 196015
Ion Ratio Lower Upper
138 100
92 54.2 33.5 73.5
108 90.1 61.0 101.0





#63
Azobenzene
Concen: 48.297 ng
RT: 10.639 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31

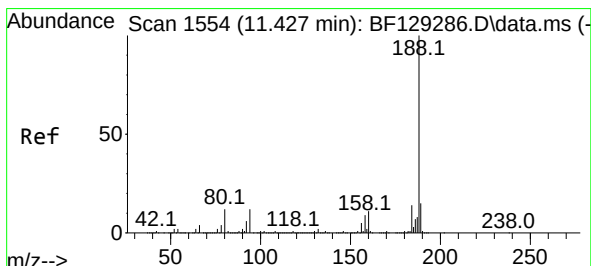
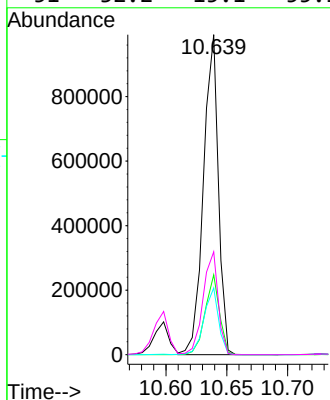
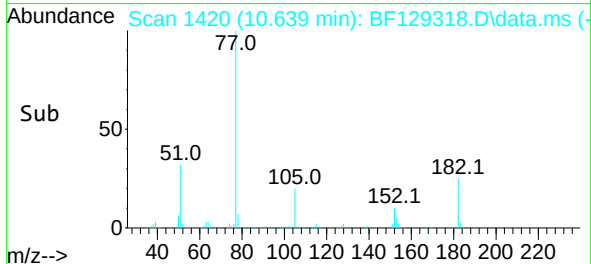
Instrument :
BNA_F
ClientSampleId :
IDW-VB1-071922MS



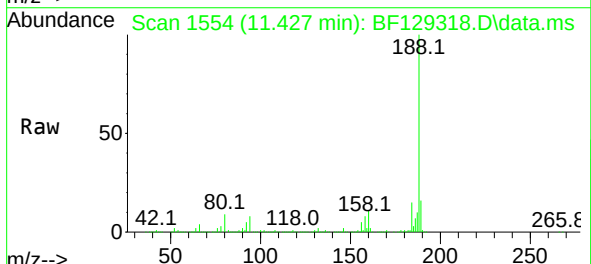
Tgt Ion: 77 Resp: 843589
Ion Ratio Lower Upper
77 100
182 24.9 5.6 45.6
105 20.8 1.6 41.6
51 32.2 15.1 55.1

Manual Integrations
APPROVED

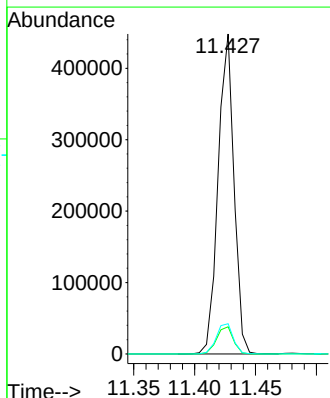
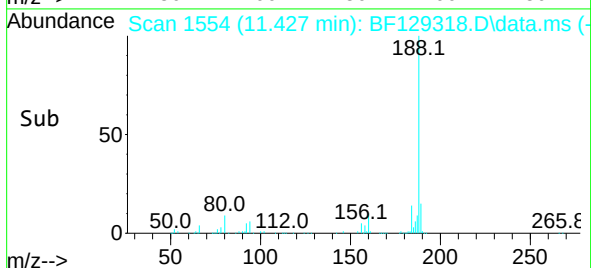
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

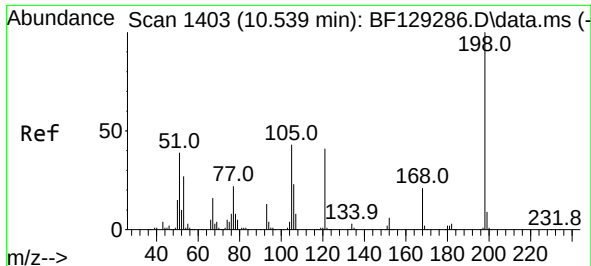


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1554
Delta R.T. 0.000 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31



Tgt Ion:188 Resp: 406482
Ion Ratio Lower Upper
188 100
94 8.5 7.0 10.6
80 9.5 7.6 11.4





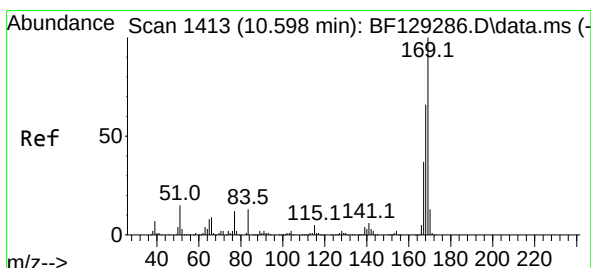
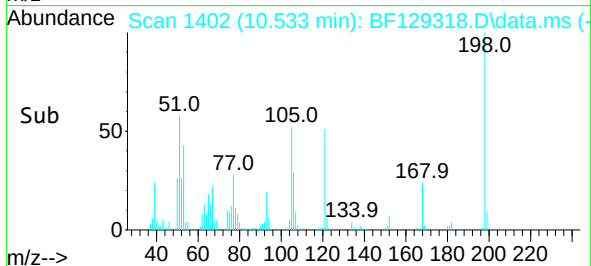
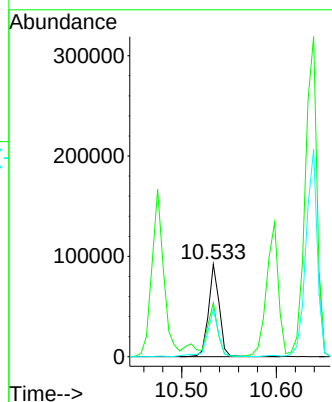
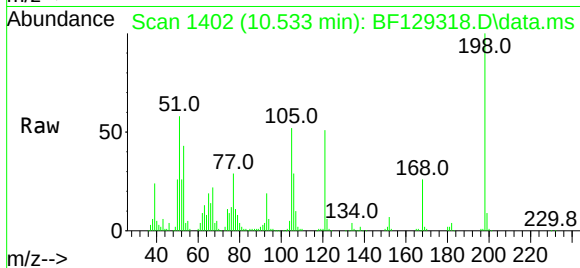
#65
4,6-Dinitro-2-methylphenol
Concen: 28.828 ng
RT: 10.533 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31

Instrument :
BNA_F
ClientSampleId :
IDW-VB1-071922MS

Tgt Ion:198 Resp: 72074
Ion Ratio Lower Upper
198 100
51 58.1 37.6 77.6
105 51.6 27.0 67.0

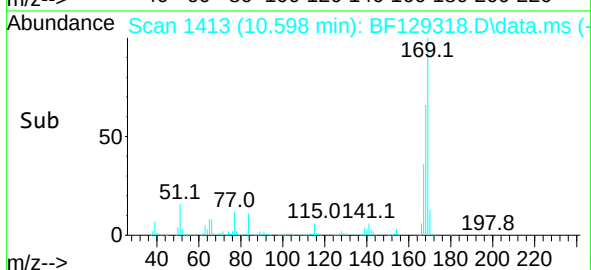
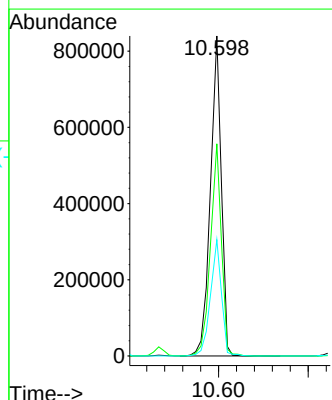
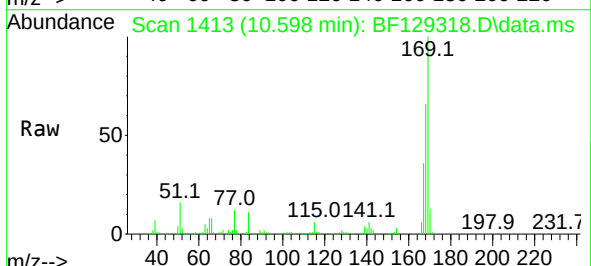
Manual Integrations
APPROVED

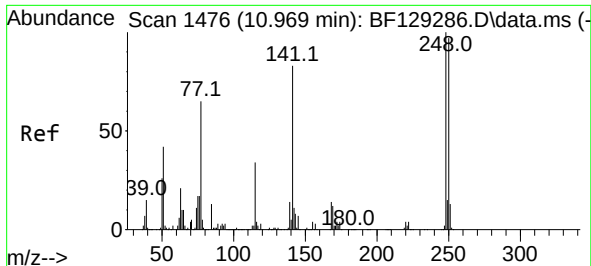
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#66
n-Nitrosodiphenylamine
Concen: 52.838 ng
RT: 10.598 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31

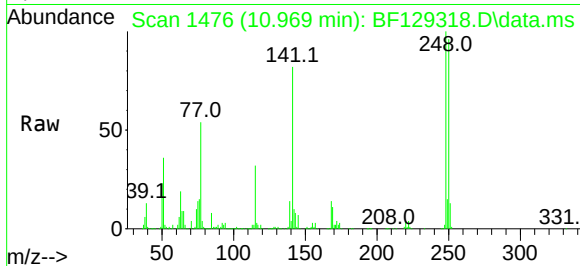
Tgt Ion:169 Resp: 710060
Ion Ratio Lower Upper
169 100
168 66.3 50.1 75.1
167 36.4 27.9 41.9





#67
4-Bromophenyl-phenylether
Concen: 54.982 ng
RT: 10.969 min Scan# 1476
Delta R.T. 0.000 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31

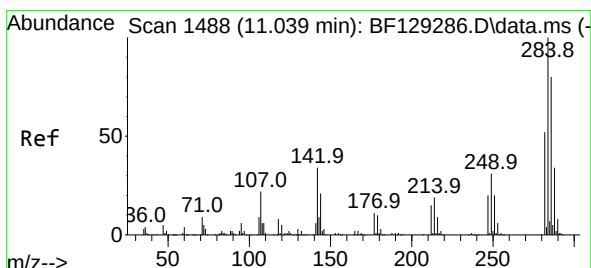
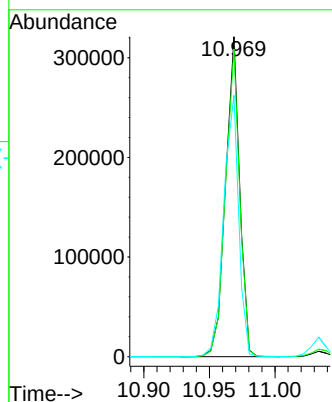
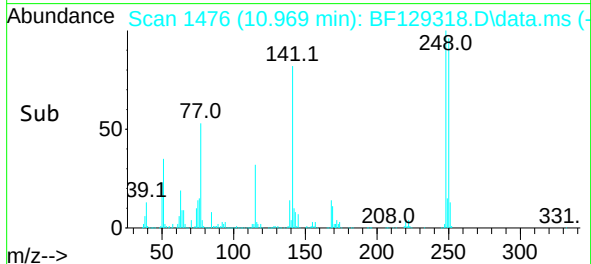
Instrument :
BNA_F
ClientSampleId :
IDW-VB1-071922MS



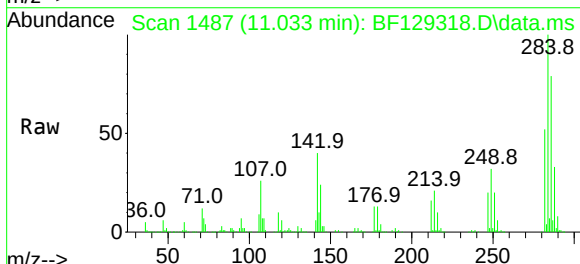
Tgt Ion:248 Resp: 24114
Ion Ratio Lower Upper
248 100
250 96.1 80.6 120.8
141 81.7 58.9 88.3

Manual Integrations
APPROVED

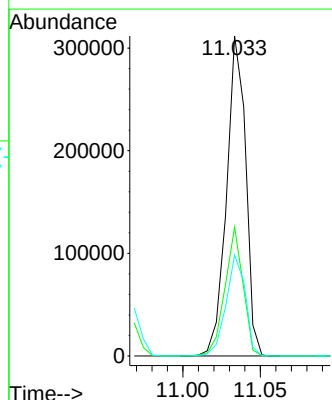
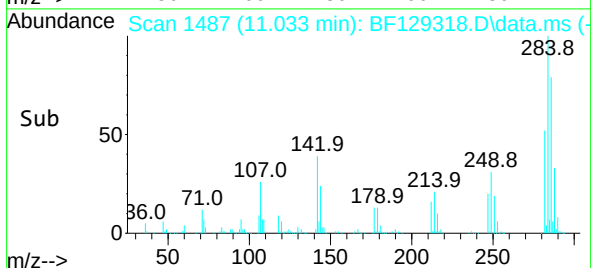
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

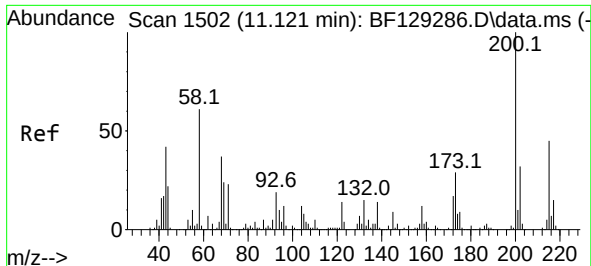


#68
Hexachlorobenzene
Concen: 55.849 ng
RT: 11.033 min Scan# 1487
Delta R.T. -0.006 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31



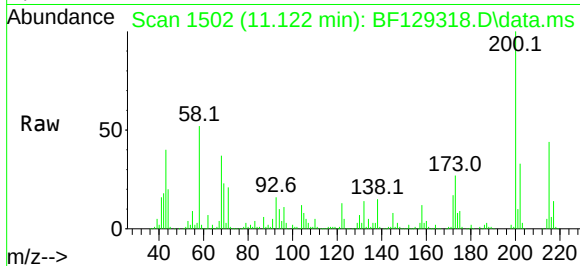
Tgt Ion:284 Resp: 268273
Ion Ratio Lower Upper
284 100
142 40.3 29.0 43.4
249 31.6 25.0 37.6





#69
 Atrazine
 Concen: 54.474 ng
 RT: 11.122 min Scan# 111
 Delta R.T. 0.000 min
 Lab File: BF129318.D
 Acq: 22 Jul 2022 16:31

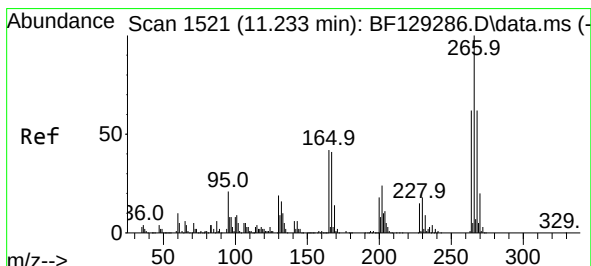
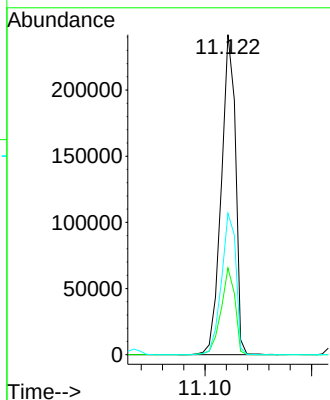
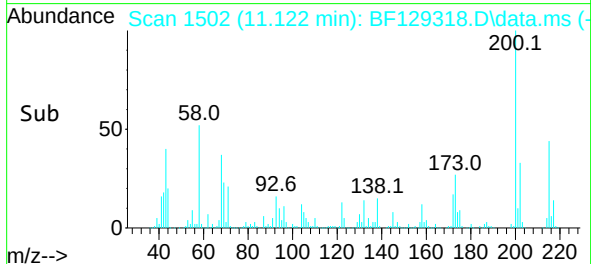
Instrument :
 BNA_F
 ClientSampleId :
 IDW-VB1-071922MS



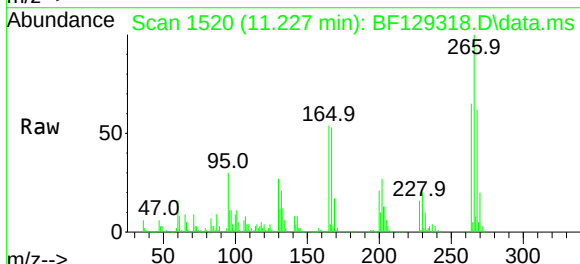
Tgt Ion:200 Resp: 22373
 Ion Ratio Lower Upper
 200 100
 173 27.1 6.3 46.3
 215 44.2 28.3 68.3

Manual Integrations
 APPROVED

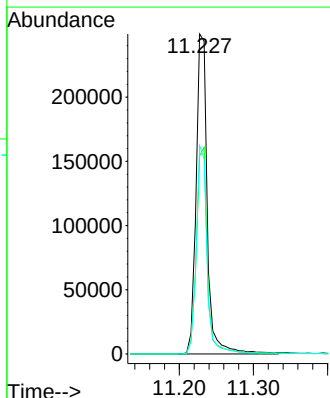
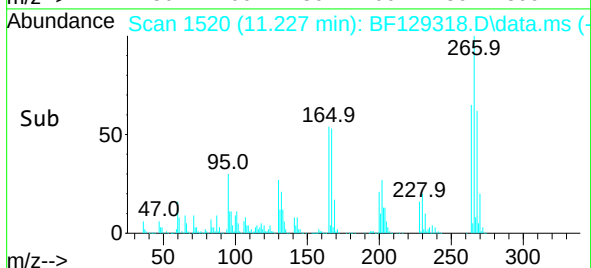
Reviewed By :Christian Giraldo 07/25/2022
 Supervised By :Jagrut Upadhyay 07/25/2022

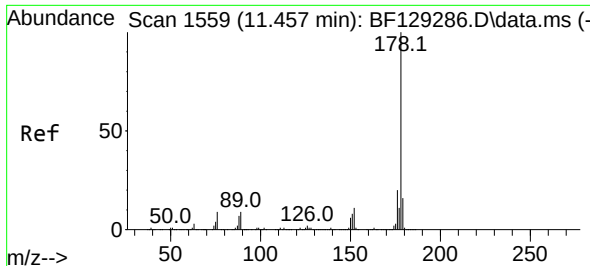


#70
 Pentachlorophenol
 Concen: 98.733 ng
 RT: 11.227 min Scan# 1520
 Delta R.T. -0.006 min
 Lab File: BF129318.D
 Acq: 22 Jul 2022 16:31



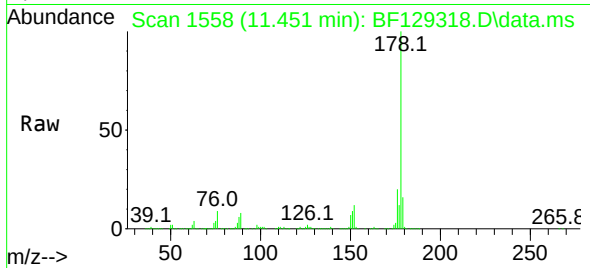
Tgt Ion:266 Resp: 260744
 Ion Ratio Lower Upper
 266 100
 268 61.9 51.0 76.4
 264 65.1 49.4 74.2





#71
Phenanthrene
Concen: 49.692 ng
RT: 11.451 min Scan# 1558
Delta R.T. -0.006 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31

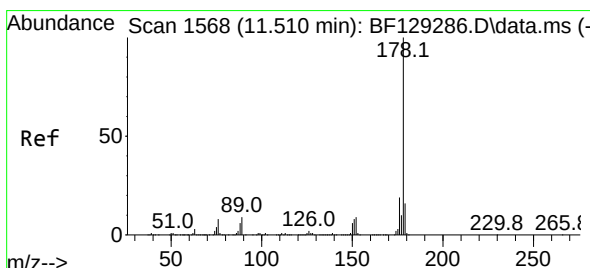
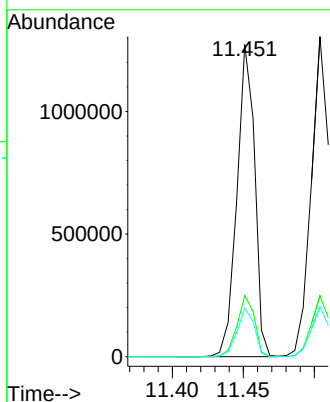
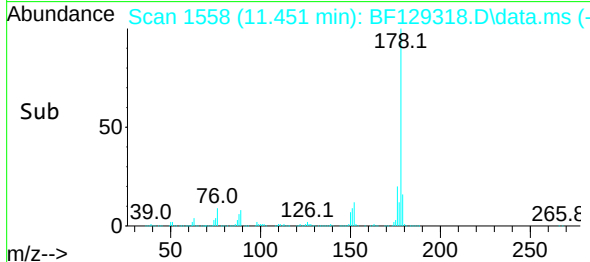
Instrument :
BNA_F
ClientSampleId :
IDW-VB1-071922MS



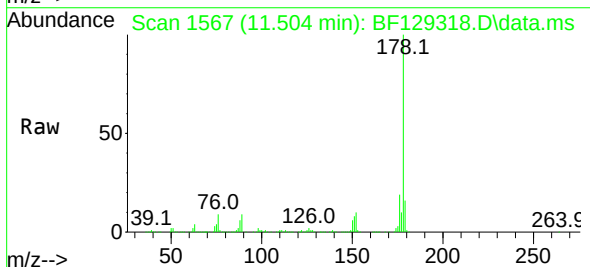
Tgt Ion:178 Resp: 110864
Ion Ratio Lower Upper
178 100
176 19.6 16.0 24.0
179 15.5 12.6 19.0

Manual Integrations
APPROVED

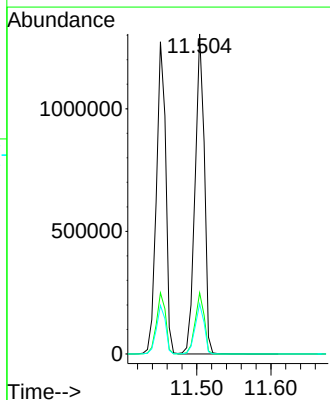
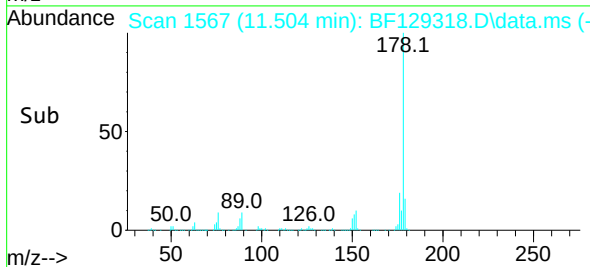
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

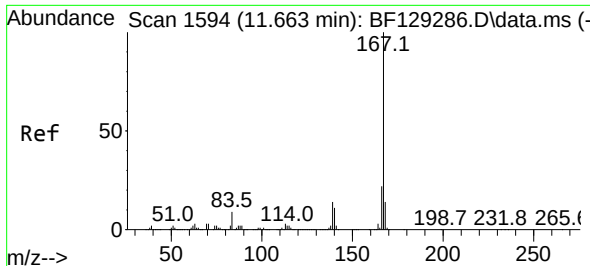


#72
Anthracene
Concen: 51.151 ng
RT: 11.504 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31



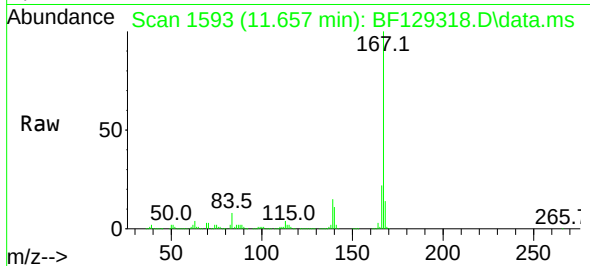
Tgt Ion:178 Resp: 1130791
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.7 12.6 19.0





#73
 Carbazole
 Concen: 49.112 ng
 RT: 11.657 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF129318.D
 Acq: 22 Jul 2022 16:31

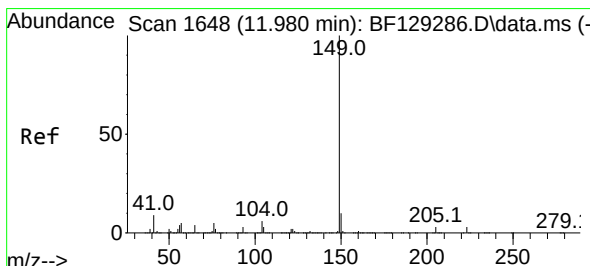
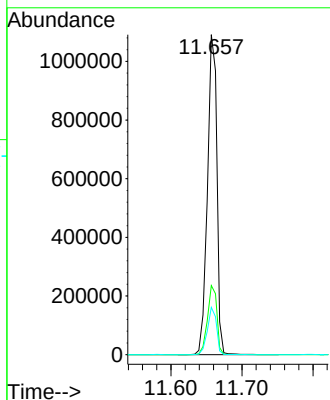
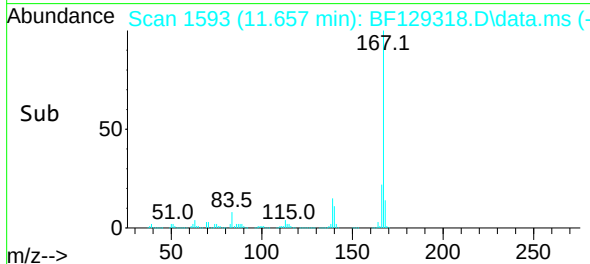
Instrument :
 BNA_F
 ClientSampleId :
 IDW-VB1-071922MS



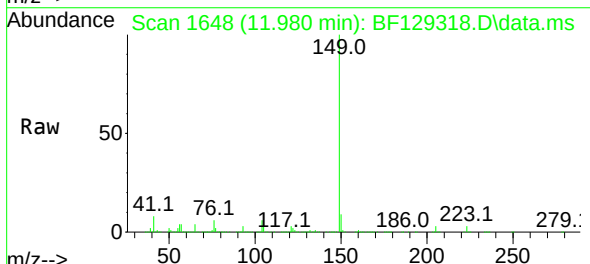
Tgt Ion:167 Resp: 1012754
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.7 26.5
 139 14.8 11.2 16.8

Manual Integrations
 APPROVED

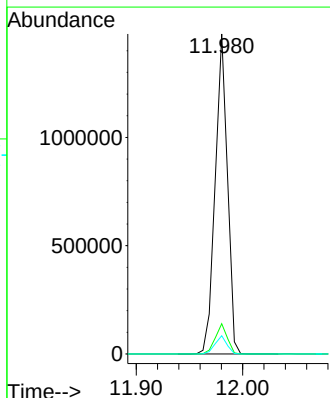
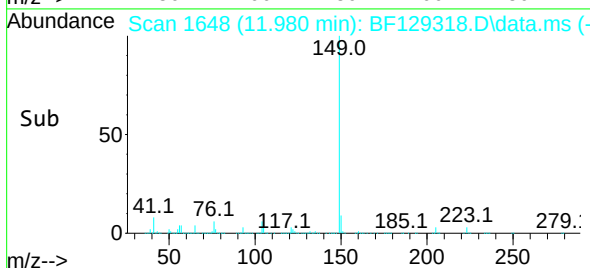
Reviewed By :Christian Giraldo 07/25/2022
 Supervised By :Jagrut Upadhyay 07/25/2022

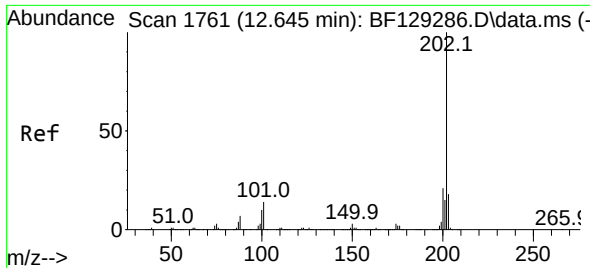


#74
 Di-n-butylphthalate
 Concen: 49.293 ng
 RT: 11.980 min Scan# 1648
 Delta R.T. 0.000 min
 Lab File: BF129318.D
 Acq: 22 Jul 2022 16:31



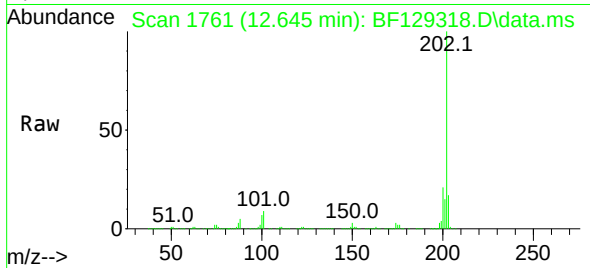
Tgt Ion:149 Resp: 1174469
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.5 11.3
 104 5.7 4.4 6.6





#75
Fluoranthene
Concen: 46.433 ng
RT: 12.645 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31

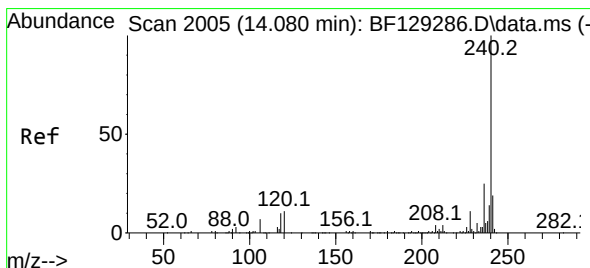
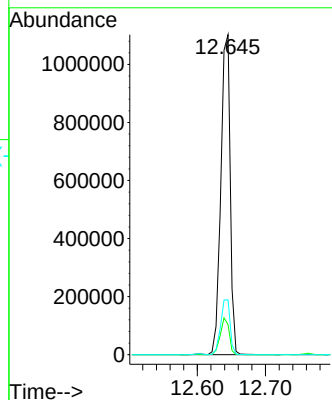
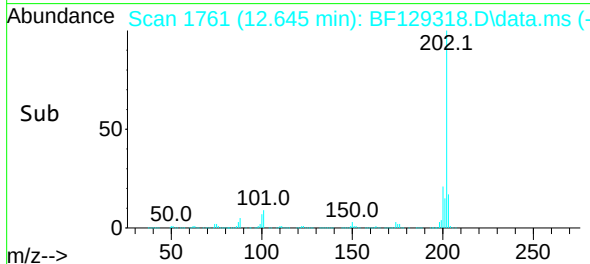
Instrument :
BNA_F
ClientSampleId :
IDW-VB1-071922MS



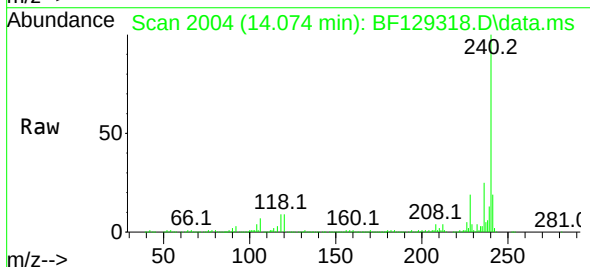
Tgt Ion:202 Resp: 105579
Ion Ratio Lower Upper
202 100
101 9.4 0.0 31.4
203 17.2 0.0 38.0

Manual Integrations
APPROVED

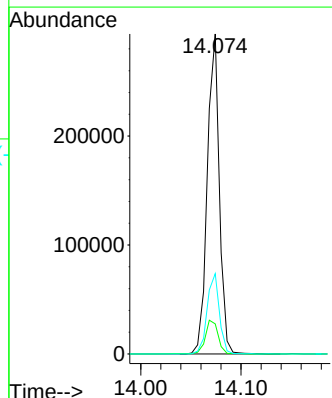
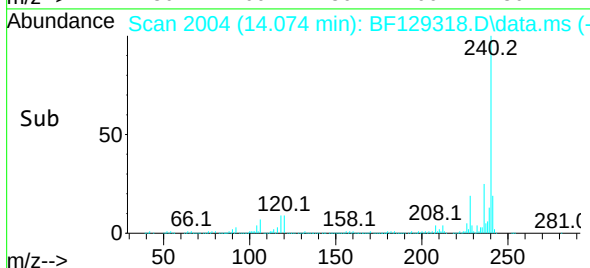
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

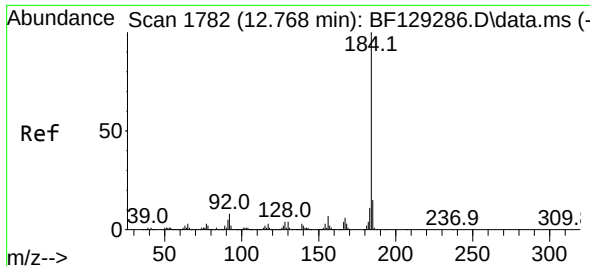


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31



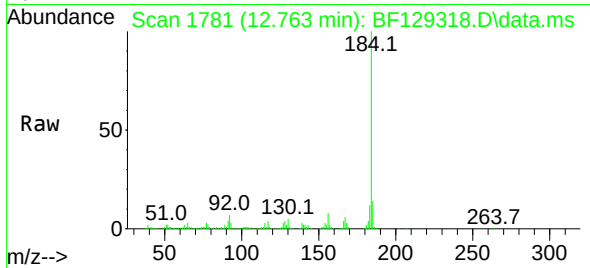
Tgt Ion:240 Resp: 245094
Ion Ratio Lower Upper
240 100
120 9.4 8.9 13.3
236 25.1 20.8 31.2





#77
Benzidine
Concen: 46.557 ng
RT: 12.763 min Scan# 1781
Delta R.T. -0.006 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31

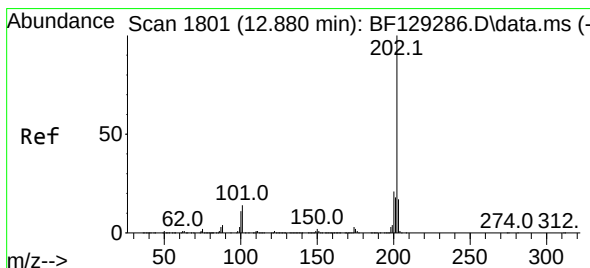
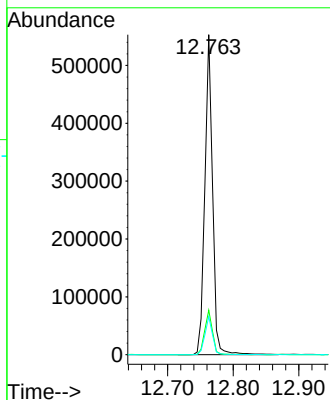
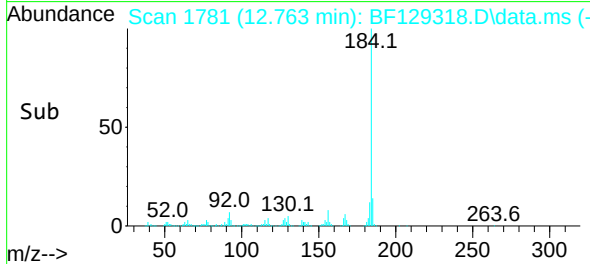
Instrument :
BNA_F
ClientSampleId :
IDW-VB1-071922MS



Tgt Ion:184 Resp: 454739
Ion Ratio Lower Upper
184 100
185 13.9 11.9 17.9
183 11.9 9.3 13.9

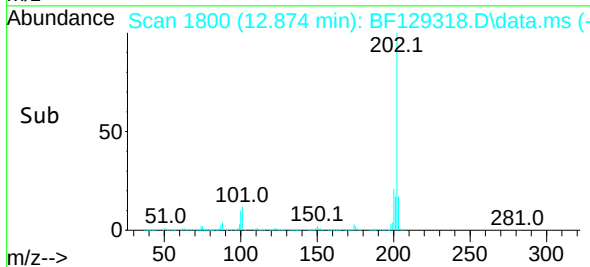
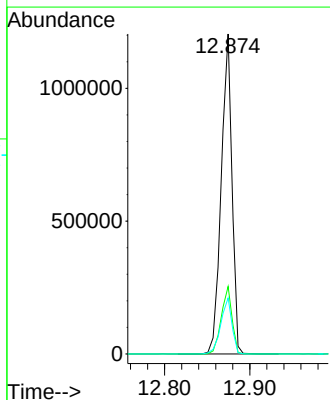
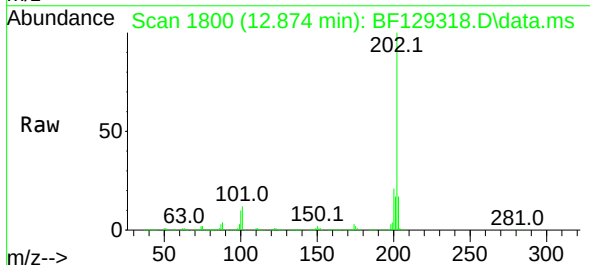
Manual Integrations
APPROVED

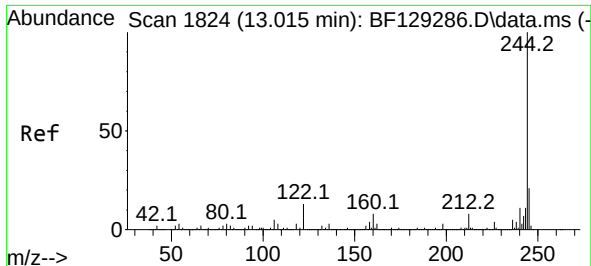
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#78
Pyrene
Concen: 50.283 ng
RT: 12.874 min Scan# 1800
Delta R.T. -0.006 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31

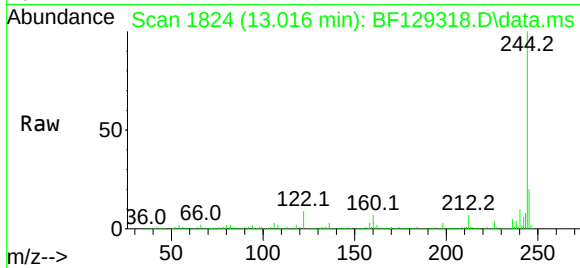
Tgt Ion:202 Resp: 1054066
Ion Ratio Lower Upper
202 100
200 21.1 17.7 26.5
203 17.5 14.6 21.8





#79
 Terphenyl-d14
 Concen: 111.316 ng
 RT: 13.016 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF129318.D
 Acq: 22 Jul 2022 16:31

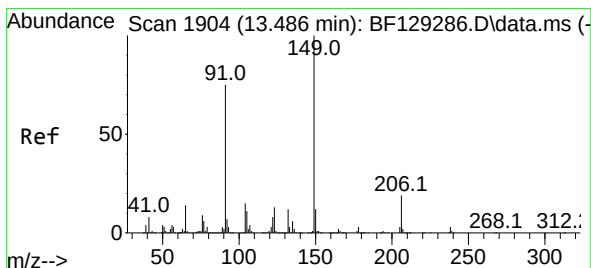
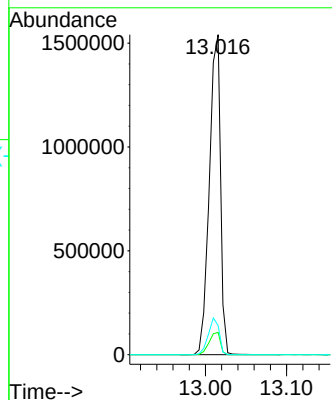
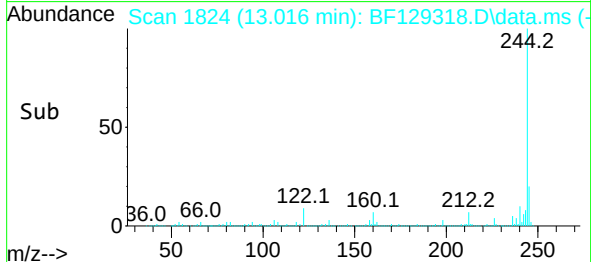
Instrument :
 BNA_F
 ClientSampleId :
 IDW-VB1-071922MS



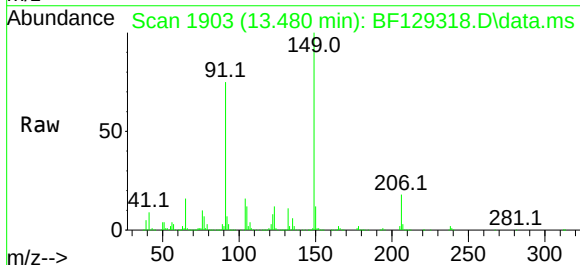
Tgt Ion:244 Resp: 1464900
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.1 9.1
 122 9.1 8.8 13.2

Manual Integrations
 APPROVED

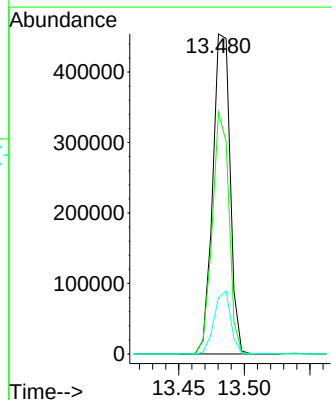
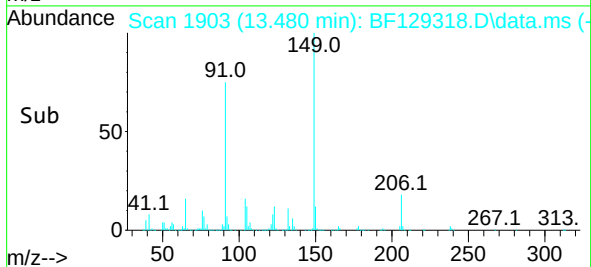
Reviewed By :Christian Giraldo 07/25/2022
 Supervised By :Jagrut Upadhyay 07/25/2022

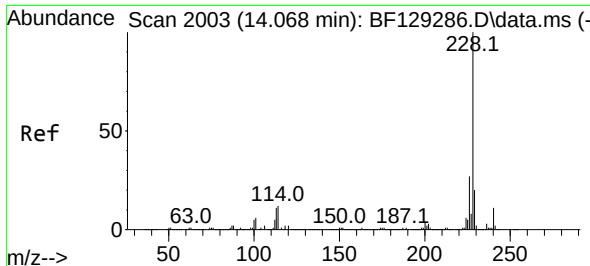


#80
 Butylbenzylphthalate
 Concen: 48.925 ng
 RT: 13.480 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: BF129318.D
 Acq: 22 Jul 2022 16:31



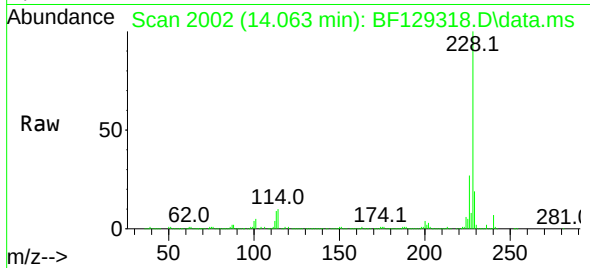
Tgt Ion:149 Resp: 418491
 Ion Ratio Lower Upper
 149 100
 91 75.5 61.2 91.8
 206 17.6 15.7 23.5





#81
Benzo(a)anthracene
Concen: 48.768 ng
RT: 14.063 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31

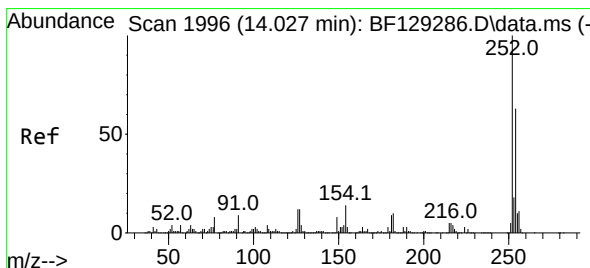
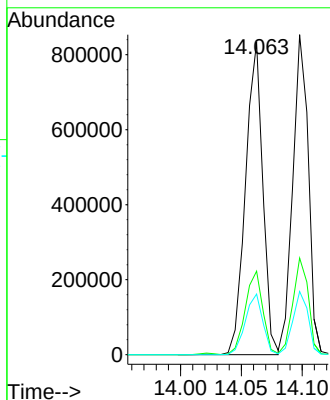
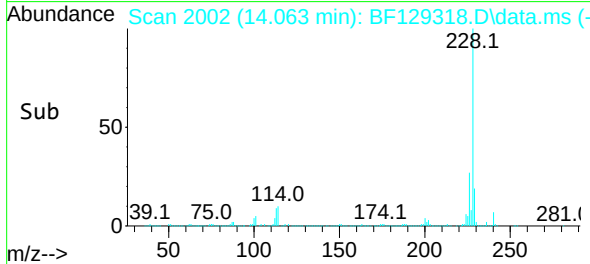
Instrument :
BNA_F
ClientSampleId :
IDW-VB1-071922MS



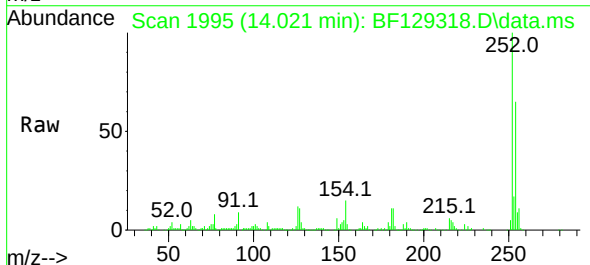
Tgt Ion:228 Resp: 823074
Ion Ratio Lower Upper
228 100
226 26.7 22.1 33.1
229 19.4 15.8 23.8

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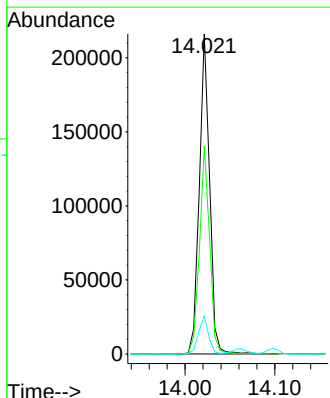
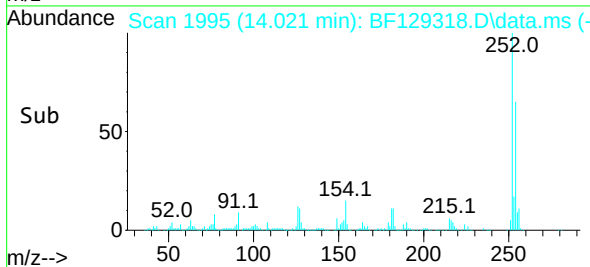
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

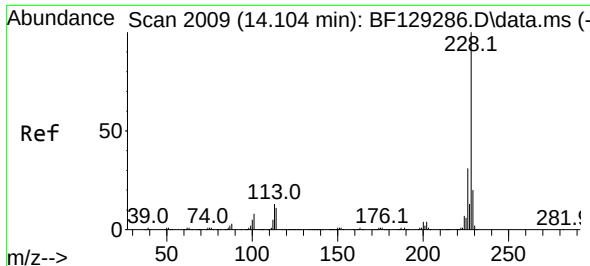


#82
3,3'-Dichlorobenzidine
Concen: 31.076 ng
RT: 14.021 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31



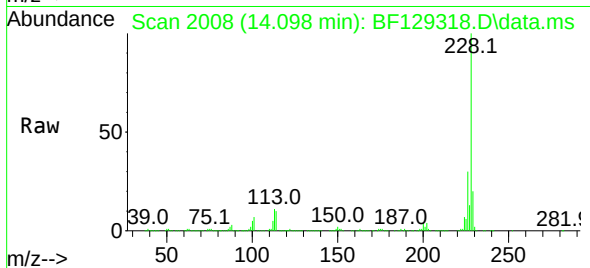
Tgt Ion:252 Resp: 172159
Ion Ratio Lower Upper
252 100
254 64.9 50.2 75.4
126 11.9 8.2 12.4





#83
Chrysene
Concen: 47.715 ng
RT: 14.098 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31

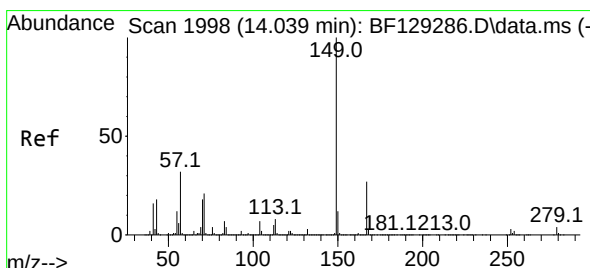
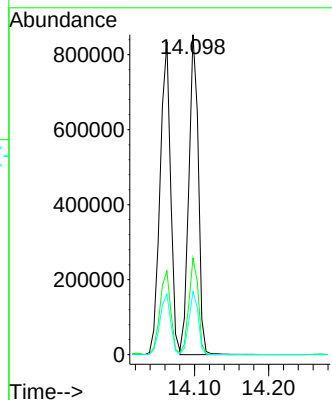
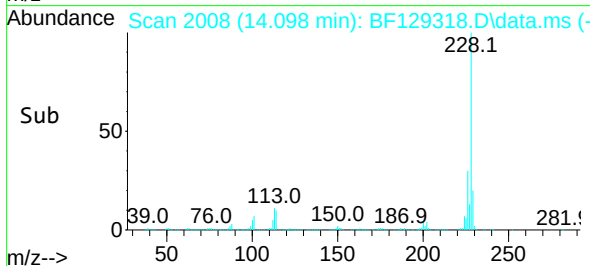
Instrument :
BNA_F
ClientSampleId :
IDW-VB1-071922MS



Tgt Ion:228 Resp: 760082
Ion Ratio Lower Upper
228 100
226 30.2 24.3 36.5
229 19.7 15.9 23.9

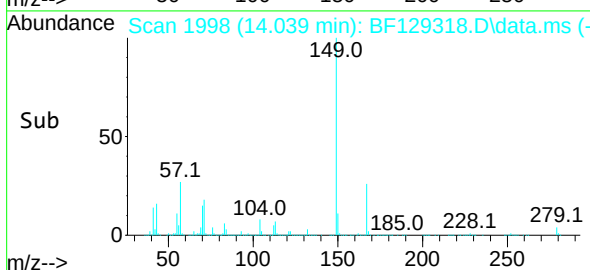
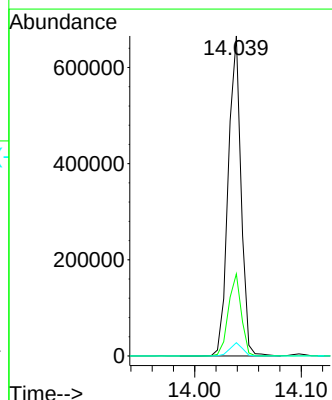
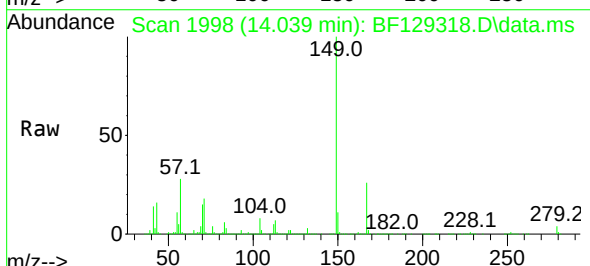
Manual Integrations
APPROVED

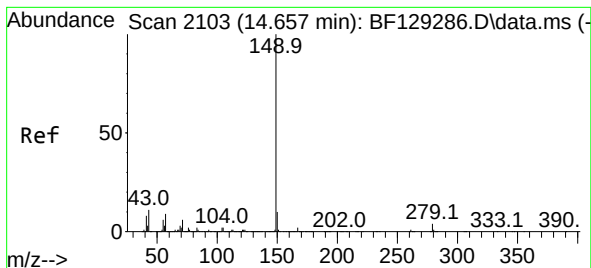
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 52.830 ng
RT: 14.039 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31

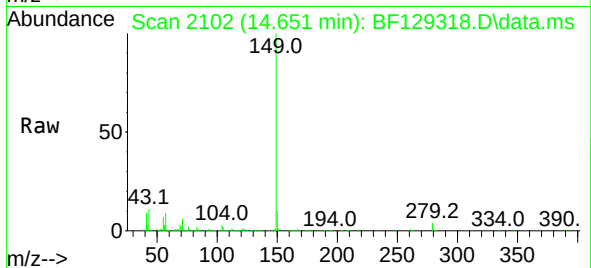
Tgt Ion:149 Resp: 554946
Ion Ratio Lower Upper
149 100
167 25.7 21.0 31.4
279 4.1 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 59.044 ng
RT: 14.651 min Scan# 2103
Delta R.T. -0.006 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31

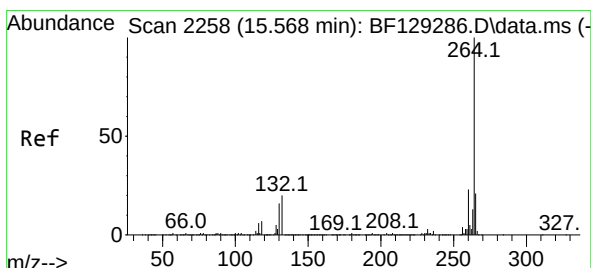
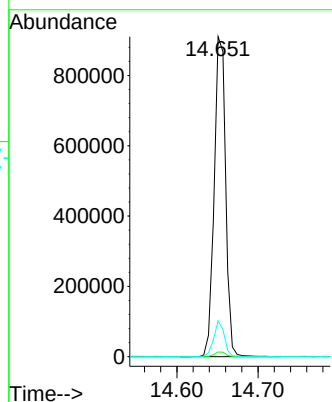
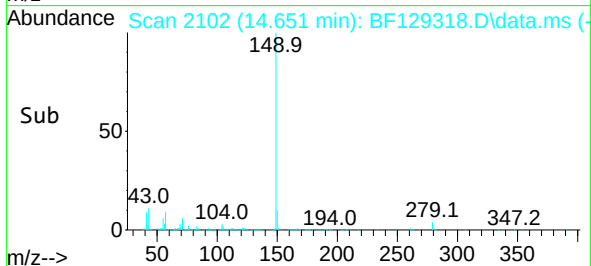
Instrument :
BNA_F
ClientSampleId :
IDW-VB1-071922MS



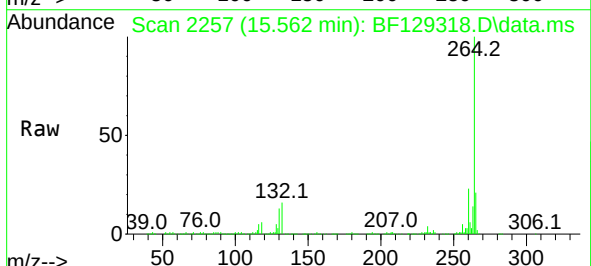
Tgt Ion:149 Resp: 887625
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 10.3 9.2 13.8

Manual Integrations
APPROVED

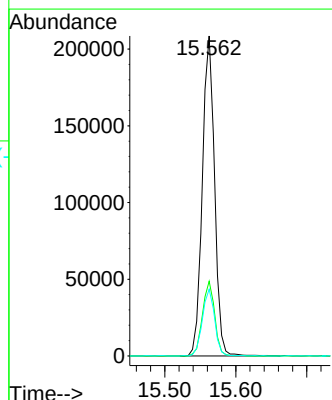
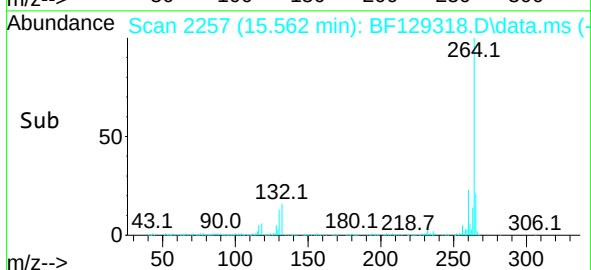
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

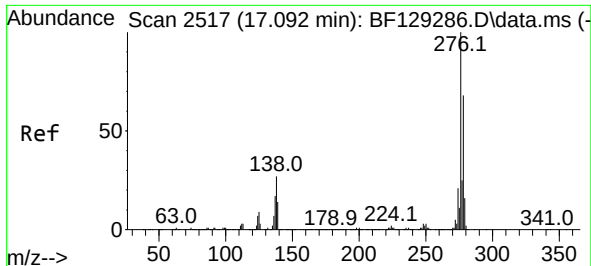


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2257
Delta R.T. -0.006 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31



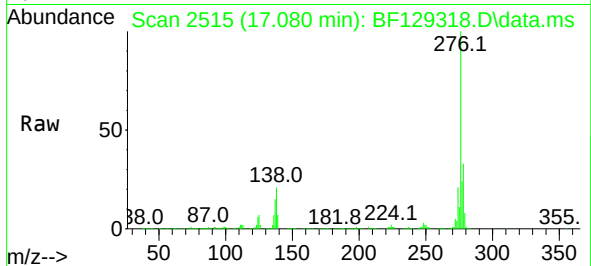
Tgt Ion:264 Resp: 250435
Ion Ratio Lower Upper
264 100
260 23.4 18.4 27.6
265 20.8 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 54.129 ng
RT: 17.080 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31

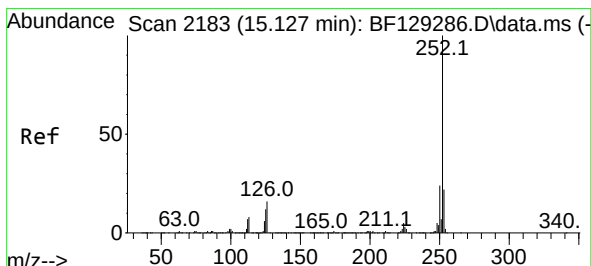
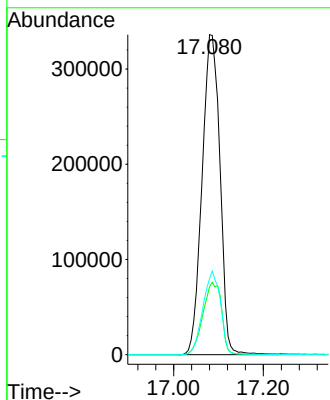
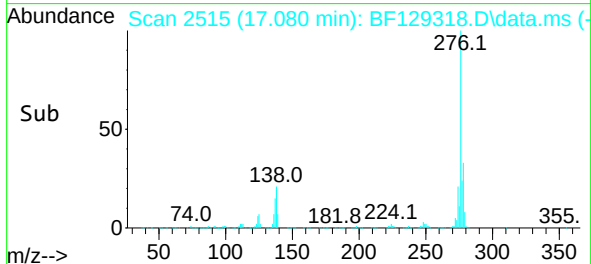
Instrument :
BNA_F
ClientSampleId :
IDW-VB1-071922MS



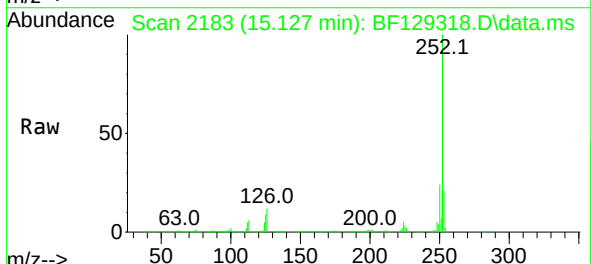
Tgt Ion:276 Resp: 92929
Ion Ratio Lower Upper
276 100
138 23.6 21.1 31.7
277 25.7 20.3 30.5

Manual Integrations
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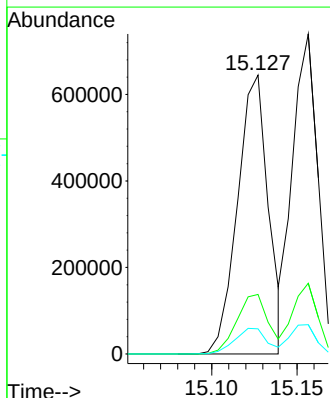
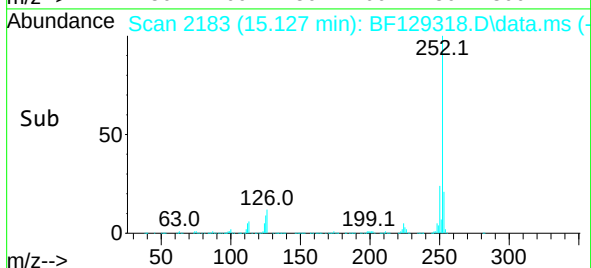
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

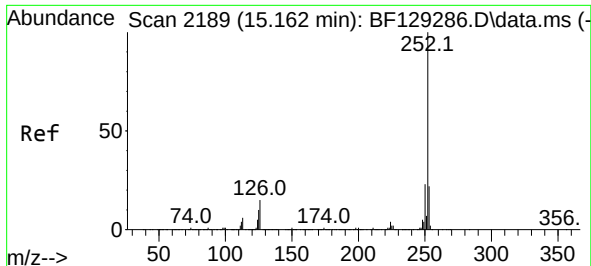


#88
Benzo(b)fluoranthene
Concen: 48.676 ng
RT: 15.127 min Scan# 2183
Delta R.T. 0.000 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31



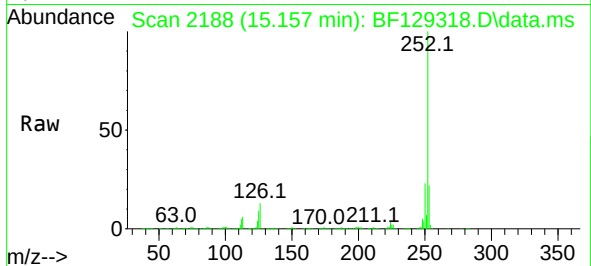
Tgt Ion:252 Resp: 811357
Ion Ratio Lower Upper
252 100
253 21.4 17.7 26.5
125 9.0 8.0 12.0





#89
Benzo(k)fluoranthene
Concen: 47.561 ng
RT: 15.157 min Scan# 2188
Delta R.T. -0.006 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31

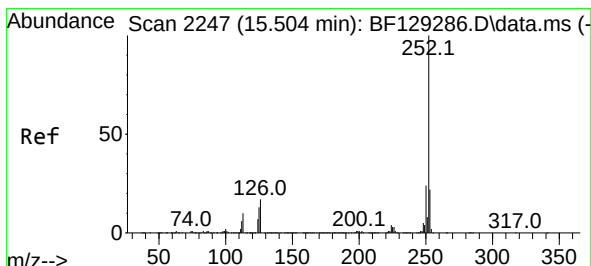
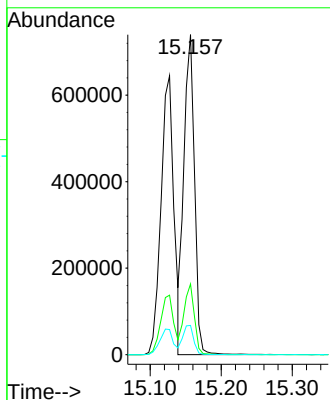
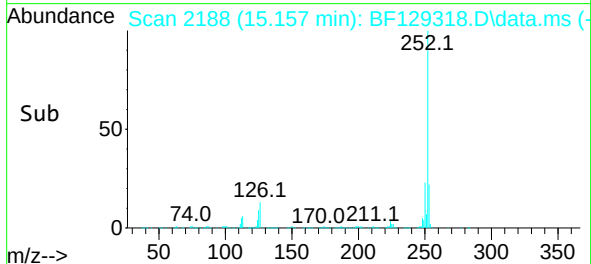
Instrument :
BNA_F
ClientSampleId :
IDW-VB1-071922MS



Tgt Ion:252 Resp: 76977
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 9.2 8.3 12.5

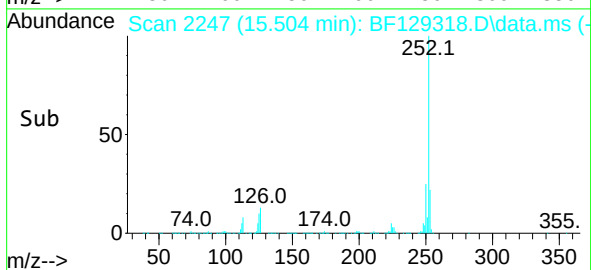
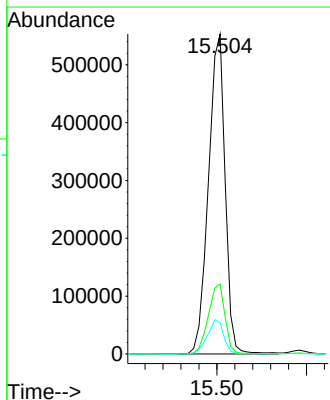
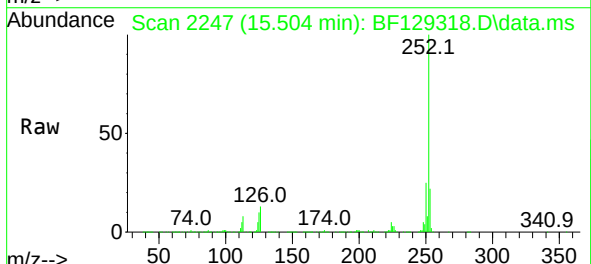
Manual Integrations
APPROVED

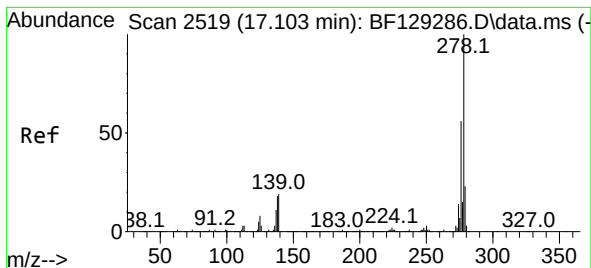
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#90
Benzo(a)pyrene
Concen: 52.736 ng
RT: 15.504 min Scan# 2247
Delta R.T. 0.000 min
Lab File: BF129318.D
Acq: 22 Jul 2022 16:31

Tgt Ion:252 Resp: 711239
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 9.7 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 58.412 ng

RT: 17.104 min Scan# 2519

Delta R.T. 0.000 min

Lab File: BF129318.D

Acq: 22 Jul 2022 16:31

Instrument :

BNA_F

ClientSampleId :

IDW-VB1-071922MS

Tgt Ion:278 Resp: 808290

Ion Ratio Lower Upper

278 100

139 13.7 12.8 19.2

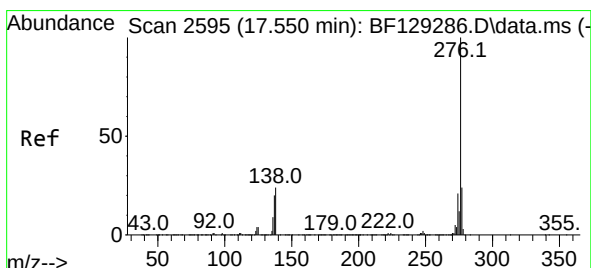
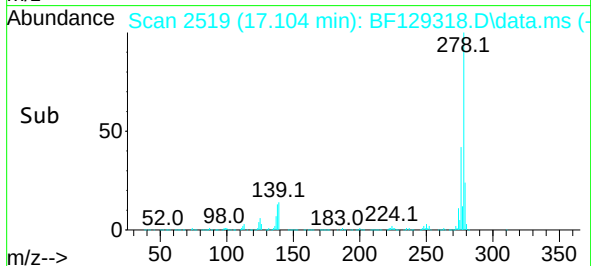
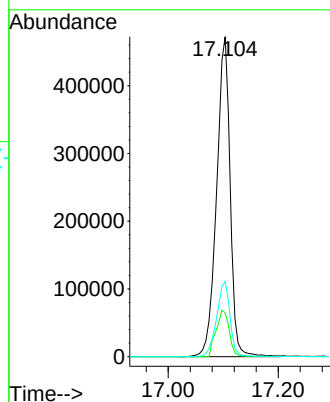
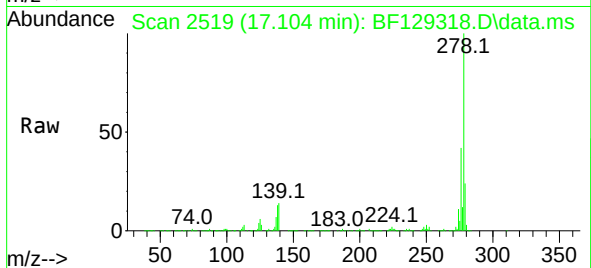
279 23.5 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/25/2022

Supervised By :Jagrut Upadhyay 07/25/2022



#92

Benzo(g,h,i)perylene

Concen: 56.197 ng

RT: 17.551 min Scan# 2595

Delta R.T. 0.000 min

Lab File: BF129318.D

Acq: 22 Jul 2022 16:31

Tgt Ion:276 Resp: 808044

Ion Ratio Lower Upper

276 100

277 23.4 19.1 28.7

138 18.7 18.0 27.0

