

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071522\
 Data File : BF129238.D
 Acq On : 15 Jul 2022 15:02
 Operator : CG\JU
 Sample : PB146238BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146238BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/18/2022
 Supervised By : Jagrut Upadhyay 07/18/2022

Quant Time: Jul 16 01:41:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 12:55:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	268121	20.000	ng	0.00
21) Naphthalene-d8	8.180	136	1100236	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	564385	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	934911	20.000	ng	# 0.00
76) Chrysene-d12	14.074	240	596868	20.000	ng	# 0.00
86) Perylene-d12	15.562	264	463817	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1983971	118.175	ng	0.01
7) Phenol-d6	6.527	99	2518770	116.000	ng	0.00
23) Nitrobenzene-d5	7.463	82	1588568	77.180	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	619617	118.282	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2640609	79.267	ng	0.00
79) Terphenyl-d14	13.015	244	2659826	83.364	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.792	88	270356	35.348	ng	91
3) Pyridine	3.569	79	754098	38.338	ng	89
4) n-Nitrosodimethylamine	3.510	42	402423	43.313	ng	89
6) Aniline	6.563	93	1024379	40.156	ng	100
8) 2-Chlorophenol	6.680	128	819610	46.364	ng	99
9) Benzaldehyde	6.451	77	456788	34.280	ng	99
10) Phenol	6.539	94	952195m	43.656	ng	
11) bis(2-Chloroethyl)ether	6.633	93	783813	44.309	ng	95
12) 1,3-Dichlorobenzene	6.839	146	814781	43.341	ng	98
13) 1,4-Dichlorobenzene	6.916	146	823862	43.329	ng	99
14) 1,2-Dichlorobenzene	7.069	146	796444	44.938	ng	99
15) Benzyl Alcohol	7.039	79	645364m	44.629	ng	
16) 2,2'-oxybis(1-Chloropr...	7.169	45	1259503	44.684	ng	94
17) 2-Methylphenol	7.145	107	652774	43.929	ng	98
18) Hexachloroethane	7.410	117	316569	44.558	ng	# 89
19) n-Nitroso-di-n-propyla...	7.310	70	553150	43.311	ng	97
20) 3+4-Methylphenols	7.298	107	798968	43.747	ng	98
22) Acetophenone	7.310	105	1075105	42.343	ng	# 97
24) Nitrobenzene	7.480	77	863641	44.109	ng	97
25) Isophorone	7.722	82	1582057	45.734	ng	100
26) 2-Nitrophenol	7.798	139	430746	43.797	ng	92
27) 2,4-Dimethylphenol	7.827	122	739028	48.324	ng	99
28) bis(2-Chloroethoxy)met...	7.927	93	975766	42.346	ng	98
29) 2,4-Dichlorophenol	8.033	162	660027	43.412	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	648304	41.094	ng	96
31) Naphthalene	8.204	128	2249480	43.153	ng	100
32) Benzoic acid	7.951	122	503894	42.423	ng	94
33) 4-Chloroaniline	8.251	127	710566	32.870	ng	97
34) Hexachlorobutadiene	8.316	225	365361	41.165	ng	100
35) Caprolactam	8.621	113	224253m	44.402	ng	
36) 4-Chloro-3-methylphenol	8.733	107	719623	43.388	ng	94
37) 2-Methylnaphthalene	8.892	142	1472297	43.334	ng	98
38) 1-Methylnaphthalene	8.998	142	1405515	42.776	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	588062	41.909	ng	# 97
41) Hexachlorocyclopentadiene	9.045	237	737183	104.399	ng	99
43) 2,4,6-Trichlorophenol	9.174	196	437859	42.377	ng	96

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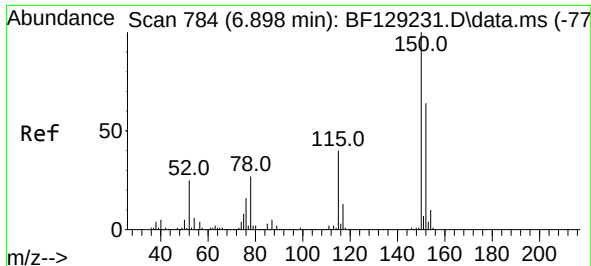
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	487997	44.649	ng	# 93
46) 1,1'-Biphenyl	9.363	154	1739329	43.572	ng	99
47) 2-Chloronaphthalene	9.386	162	1364583	43.400	ng	99
48) 2-Nitroaniline	9.480	65	475498	45.013	ng	97
49) Acenaphthylene	9.804	152	2113891	44.668	ng	100
50) Dimethylphthalate	9.663	163	1587704	43.351	ng	100
51) 2,6-Dinitrotoluene	9.721	165	366310	46.221	ng	89
52) Acenaphthene	9.974	154	1486296m	48.048	ng	
53) 3-Nitroaniline	9.892	138	312604	33.032	ng	97
54) 2,4-Dinitrophenol	10.004	184	395246	93.053	ng	90
55) Dibenzofuran	10.151	168	1890602	43.054	ng	98
56) 4-Nitrophenol	10.057	139	661029	88.250	ng	99
57) 2,4-Dinitrotoluene	10.133	165	496847	47.808	ng	87
58) Fluorene	10.492	166	1447739	43.346	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	373504	44.239	ng	94
60) Diethylphthalate	10.363	149	1542064	43.539	ng	99
61) 4-Chlorophenyl-phenyle...	10.480	204	648891	41.940	ng	90
62) 4-Nitroaniline	10.515	138	411164	43.884	ng	91
63) Azobenzene	10.639	77	1625904	43.006	ng	95
65) 4,6-Dinitro-2-methylph...	10.539	198	245252	41.519	ng	91
66) n-Nitrosodiphenylamine	10.604	169	1309250	43.892	ng	95
67) 4-Bromophenyl-phenylether	10.974	248	418988	42.573	ng	99
68) Hexachlorobenzene	11.039	284	461332	44.657	ng	99
69) Atrazine	11.127	200	425423	51.445	ng	96
70) Pentachlorophenol	11.233	266	521301	84.861	ng	98
71) Phenanthrene	11.457	178	2064946	43.503	ng	99
72) Anthracene	11.510	178	2106072	44.667	ng	100
73) Carbazole	11.662	167	2018401	42.916	ng	100
74) Di-n-butylphthalate	11.986	149	2345526	43.396	ng	99
75) Fluoranthene	12.645	202	2111627	44.668	ng	96
77) Benzidine	12.762	184	969389	58.022	ng	100
78) Pyrene	12.874	202	2143054	44.330	ng	100
80) Butylbenzylphthalate	13.486	149	966333	44.877	ng	99
81) Benzo(a)anthracene	14.062	228	1662444	44.157	ng	99
82) 3,3'-Dichlorobenzidine	14.027	252	442848	47.022	ng	96
83) Chrysene	14.103	228	1546218	43.027	ng	98
84) Bis(2-ethylhexyl)phtha...	14.039	149	1296839	45.261	ng	99
85) Di-n-octyl phthalate	14.656	149	1819083	44.265	ng	99
87) Indeno(1,2,3-cd)pyrene	17.074	276	1332403	46.069	ng	97
88) Benzo(b)fluoranthene	15.121	252	1408132m	49.419	ng	
89) Benzo(k)fluoranthene	15.156	252	1277720	45.897	ng	98
90) Benzo(a)pyrene	15.498	252	1155548	49.816	ng	# 96
91) Dibenzo(a,h)anthracene	17.092	278	1142533	48.839	ng	97
92) Benzo(g,h,i)perylene	17.539	276	1188821	49.713	ng	98

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF129238.D
 Acq: 15 Jul 2022 15:02

Instrument :

BNA_F

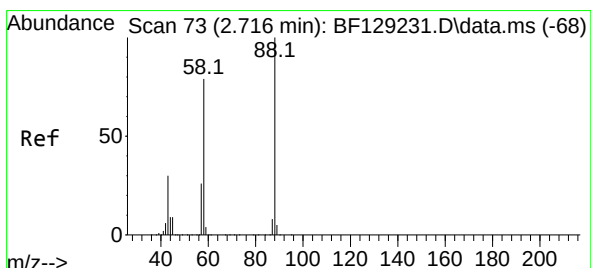
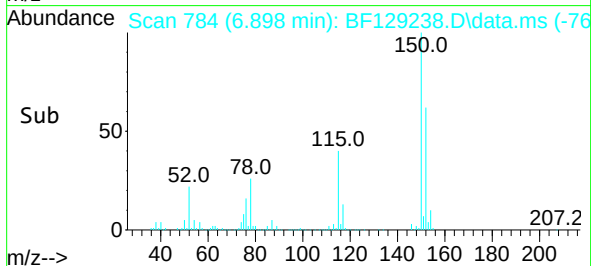
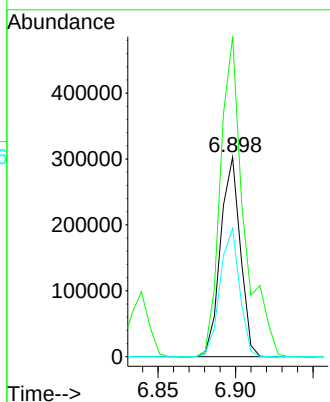
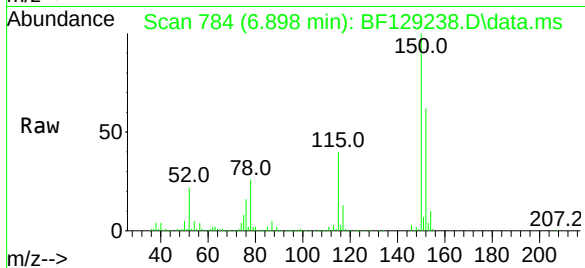
ClientSampleId :

PB146238BS

Tgt Ion:152 Resp: 26812
 Ion Ratio Lower Upper
 152 100
 150 160.4 123.7 185.5
 115 64.2 49.9 74.9

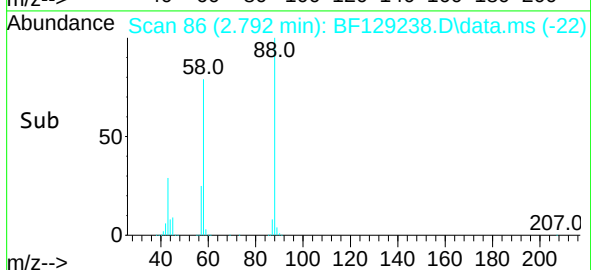
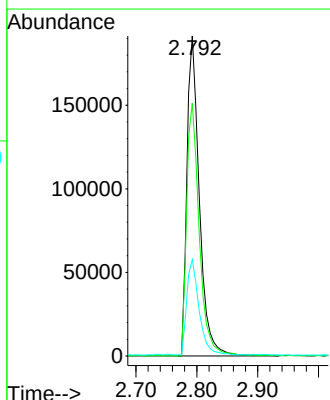
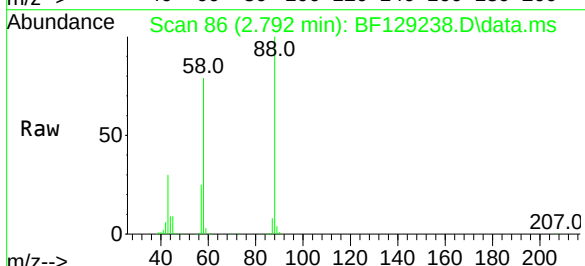
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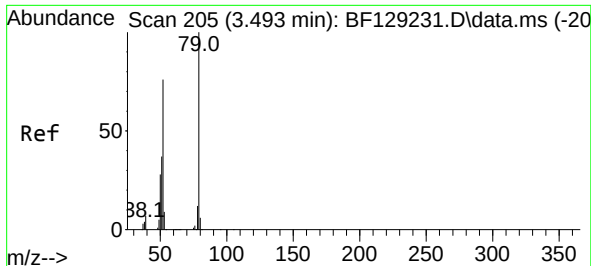
Reviewed By :Christian Giraldo 07/18/2022
 Supervised By :Jagrut Upadhyay 07/18/2022



#2
 1,4-Dioxane
 Concen: 35.348 ng
 RT: 2.792 min Scan# 86
 Delta R.T. 0.076 min
 Lab File: BF129238.D
 Acq: 15 Jul 2022 15:02

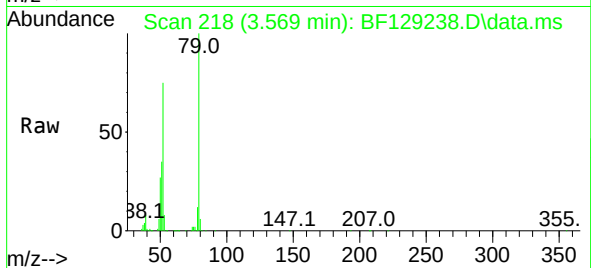
Tgt Ion: 88 Resp: 270356
 Ion Ratio Lower Upper
 88 100
 58 80.2 71.8 107.8
 43 29.8 26.6 39.8





#3
Pyridine
Concen: 38.338 ng
RT: 3.569 min Scan# 218
Delta R.T. 0.076 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02

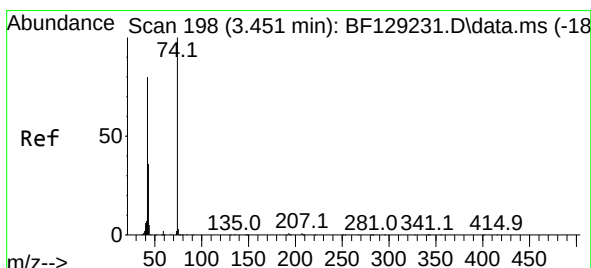
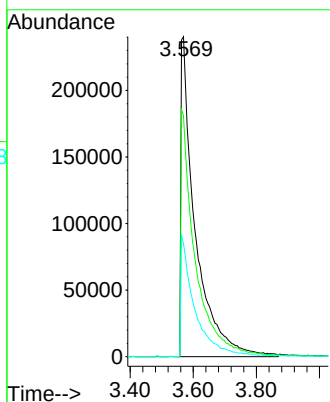
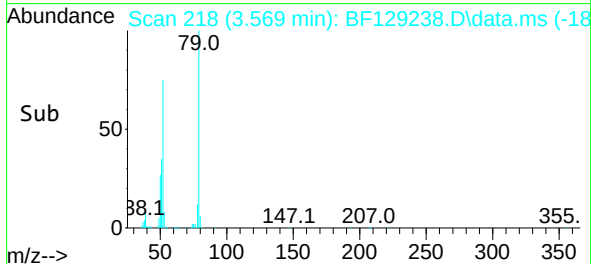
Instrument :
BNA_F
ClientSampleId :
PB146238BS



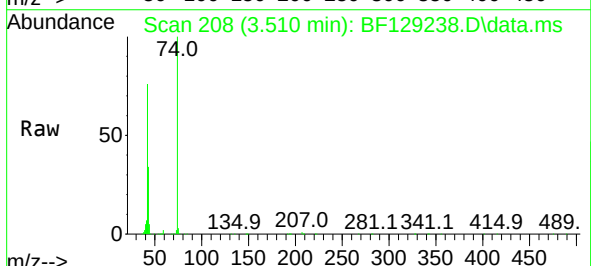
Tgt Ion: 79 Resp: 754098
Ion Ratio Lower Upper
79 100
52 75.4 68.6 102.8
51 35.4 32.9 49.3

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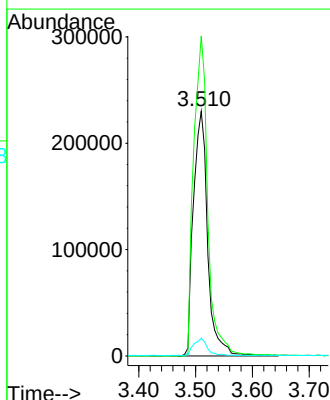
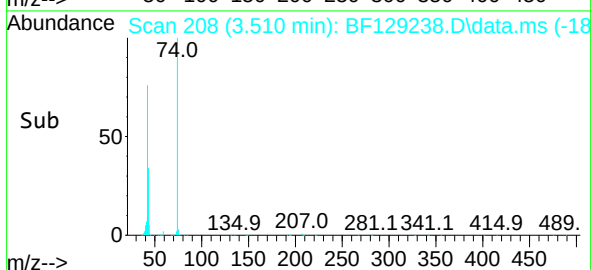
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Supervised By :Jagrut Upadhyay 07/18/2022

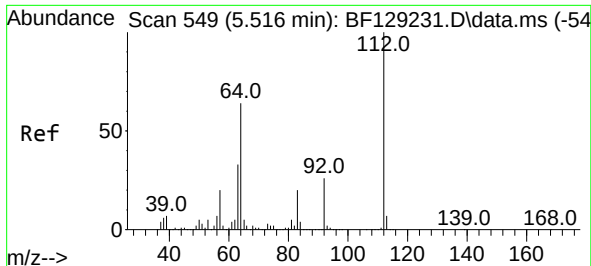


#4
n-Nitrosodimethylamine
Concen: 43.313 ng
RT: 3.510 min Scan# 208
Delta R.T. 0.059 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02



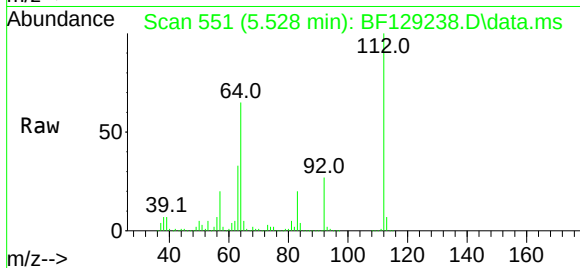
Tgt Ion: 42 Resp: 402423
Ion Ratio Lower Upper
42 100
74 130.8 94.8 142.2
44 7.2 6.6 10.0





#5
2-Fluorophenol
Concen: 118.175 ng
RT: 5.528 min Scan# 51
Delta R.T. 0.011 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02

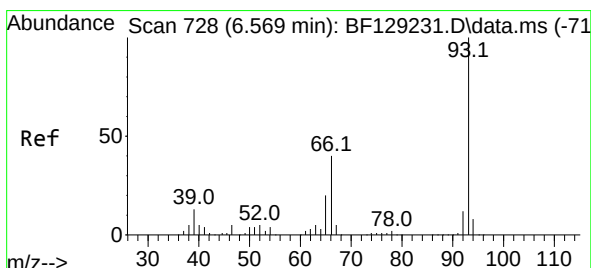
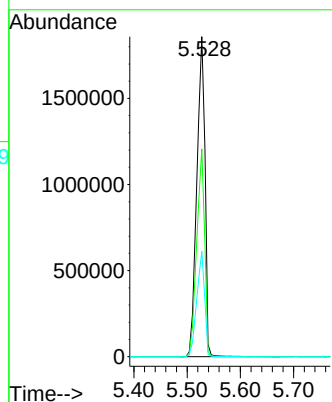
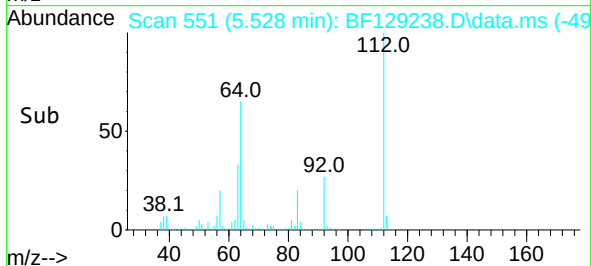
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ClientSampleId :
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Tgt Ion: 112 Resp: 198397
Ion Ratio Lower Upper
112 100
64 65.0 53.3 79.9
63 32.9 28.0 42.0

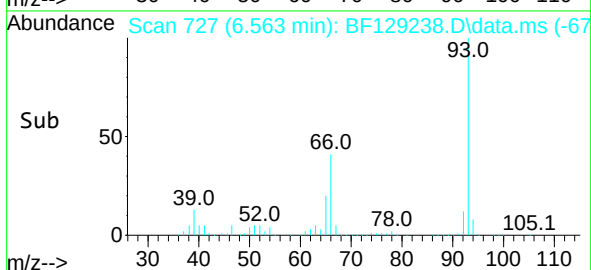
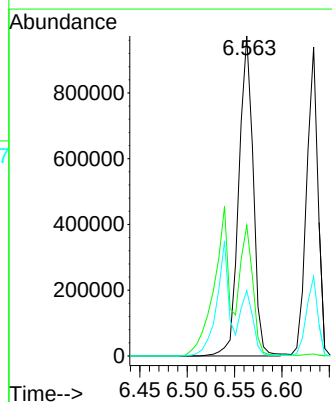
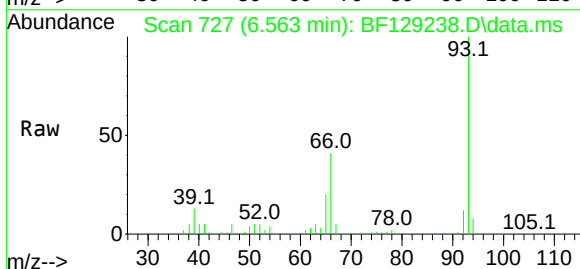
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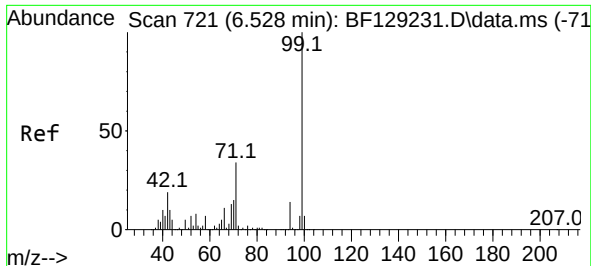
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#6
Aniline
Concen: 40.156 ng
RT: 6.563 min Scan# 727
Delta R.T. -0.006 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02

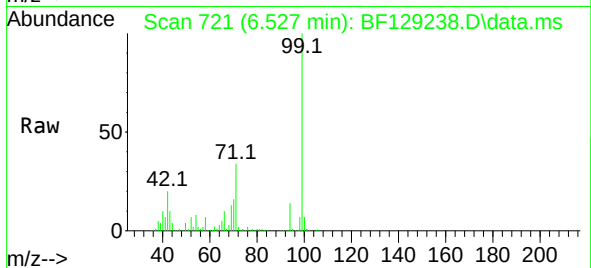
Tgt Ion: 93 Resp: 1024379
Ion Ratio Lower Upper
93 100
66 40.8 32.5 48.7
65 20.4 16.4 24.6





#7
Phenol-d6
Concen: 116.000 ng
RT: 6.527 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02

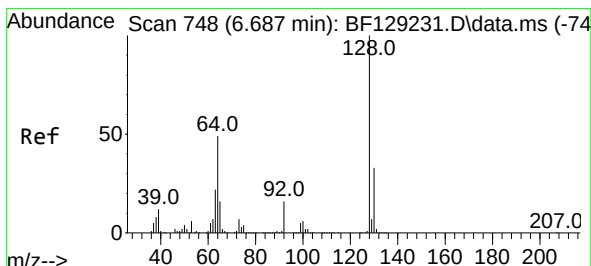
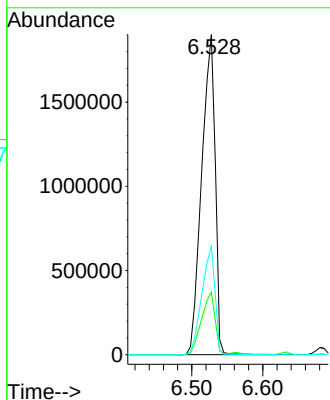
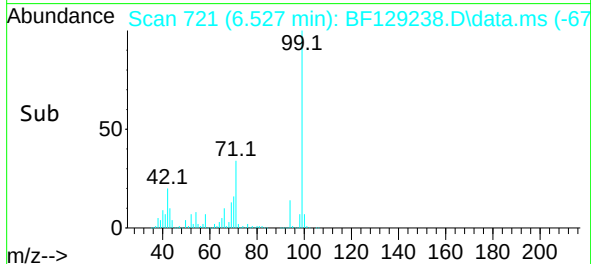
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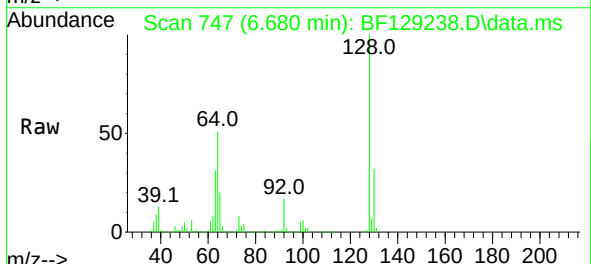
Tgt Ion: 99 Resp: 2518770
Ion Ratio Lower Upper
99 100
42 19.6 17.3 25.9
71 33.9 28.9 43.3

Manual Integrations
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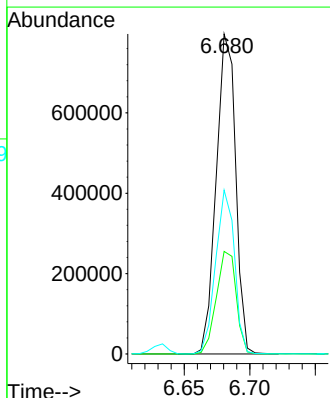
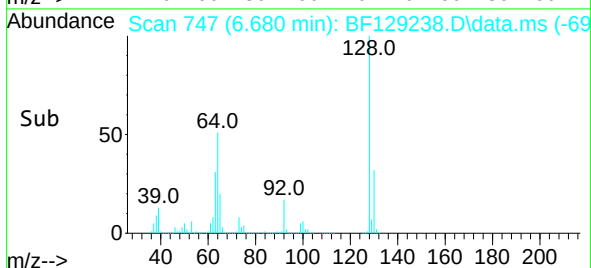
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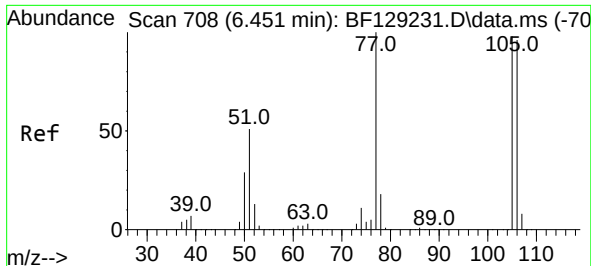


#8
2-Chlorophenol
Concen: 46.364 ng
RT: 6.680 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02



Tgt Ion:128 Resp: 819610
Ion Ratio Lower Upper
128 100
130 32.1 13.1 53.1
64 51.2 30.9 70.9





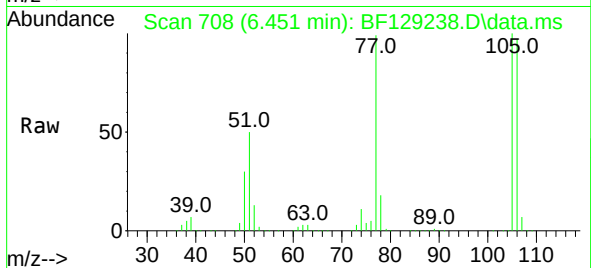
#9
Benzaldehyde
Concen: 34.280 ng
RT: 6.451 min Scan# 708
Delta R.T. -0.000 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02

Instrument :

BNA_F

ClientSampleId :

PB146238BS

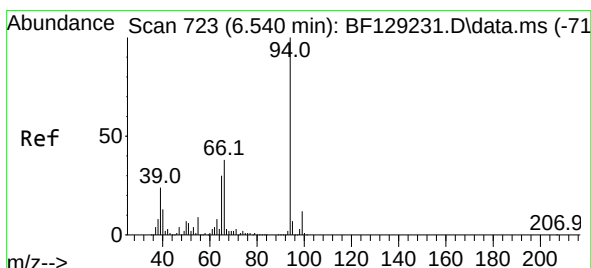
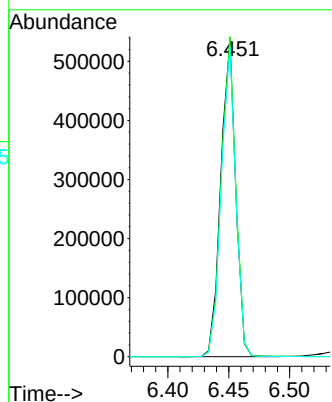
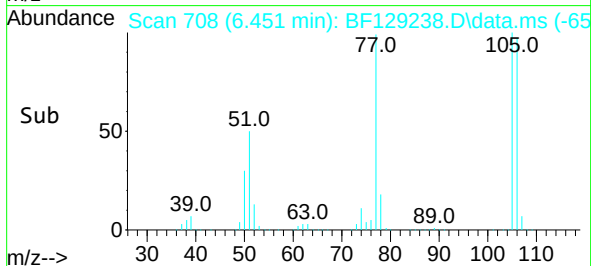


Tgt Ion: 77 Resp: 456788
Ion Ratio Lower Upper
77 100
105 101.3 81.6 121.6
106 98.1 76.1 116.1

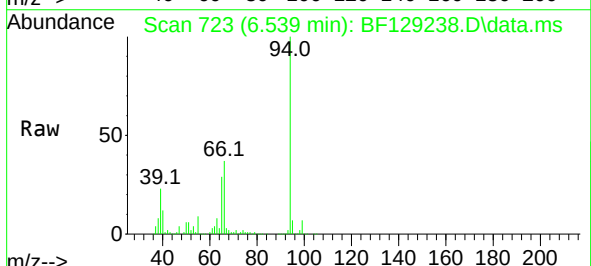
Manual Integrations

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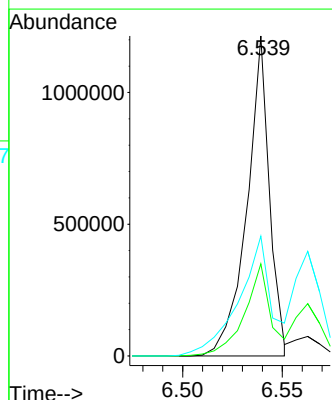
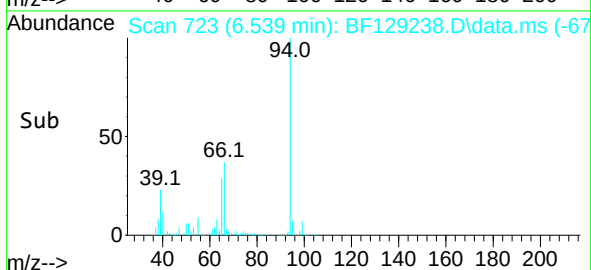
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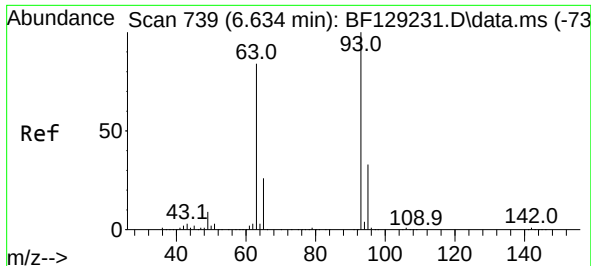


#10
Phenol
Concen: 43.656 ng m
RT: 6.539 min Scan# 723
Delta R.T. -0.000 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02



Tgt Ion: 94 Resp: 952195
Ion Ratio Lower Upper
94 100
65 28.8 11.4 51.4
66 37.4 21.4 61.4





#11

bis(2-Chloroethyl)ether

Concen: 44.309 ng

RT: 6.633 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF129238.D

Acq: 15 Jul 2022 15:02

Instrument :

BNA_F

ClientSampleId :

PB146238BS

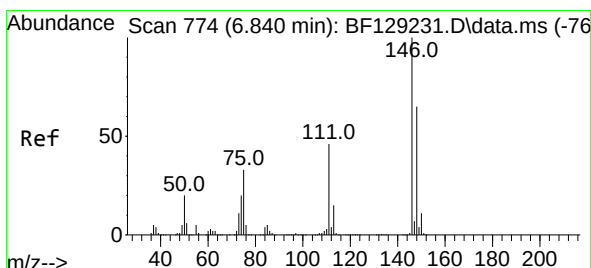
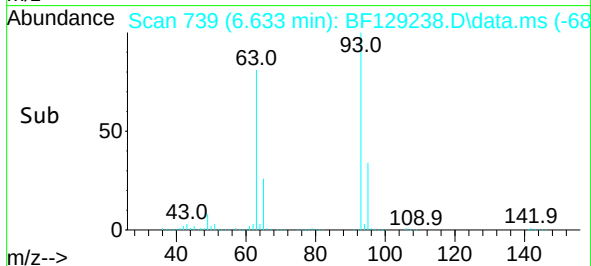
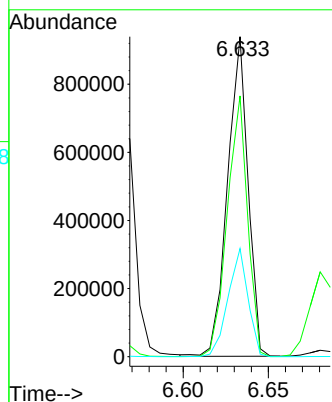
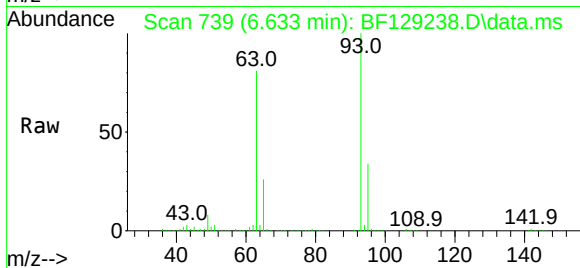
Tgt Ion: 93 Resp: 78381

Ion	Ratio	Lower	Upper
93	100		
63	81.5	67.4	107.4
95	33.8	12.7	52.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#12

1,3-Dichlorobenzene

Concen: 43.341 ng

RT: 6.839 min Scan# 774

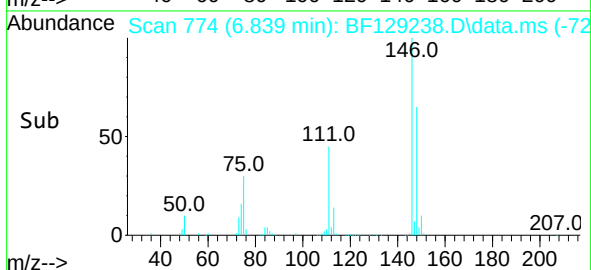
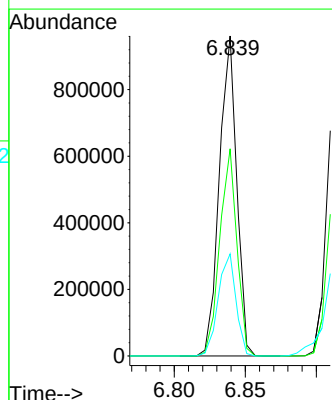
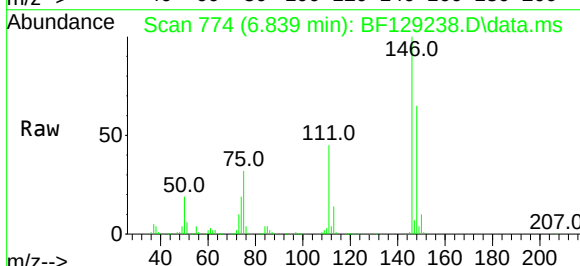
Delta R.T. -0.000 min

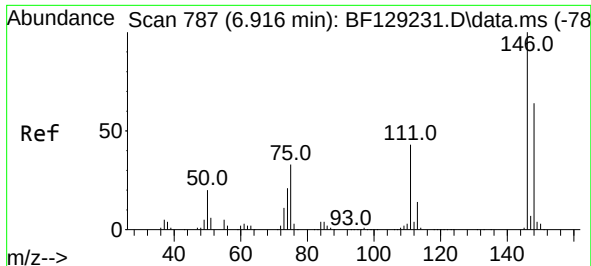
Lab File: BF129238.D

Acq: 15 Jul 2022 15:02

Tgt Ion:146 Resp: 814781

Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.6	75.8
75	31.9	26.3	39.5





#13

1,4-Dichlorobenzene

Concen: 43.329 ng

RT: 6.916 min Scan# 787

Delta R.T. -0.000 min

Lab File: BF129238.D

Acq: 15 Jul 2022 15:02

Instrument :

BNA_F

ClientSampleId :

PB146238BS

Tgt Ion:146 Resp: 823862

Ion Ratio Lower Upper

146 100

148 64.9 51.1 76.7

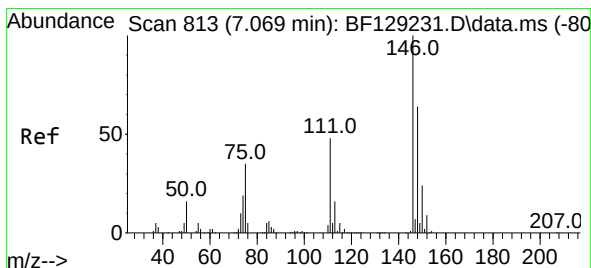
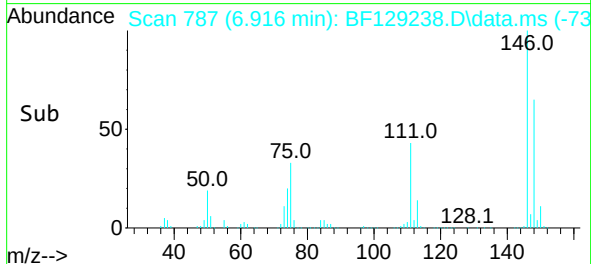
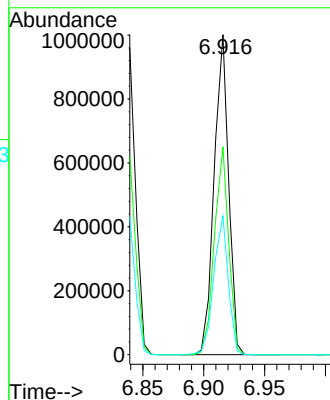
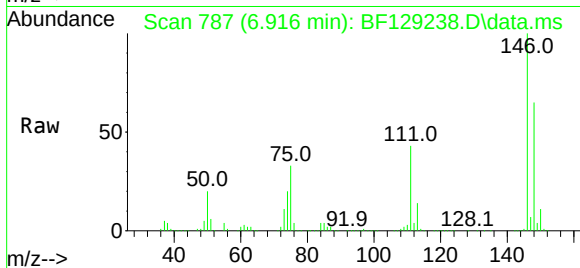
111 43.3 34.2 51.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/18/2022

Supervised By :Jagrut Upadhyay 07/18/2022



#14

1,2-Dichlorobenzene

Concen: 44.938 ng

RT: 7.069 min Scan# 813

Delta R.T. -0.000 min

Lab File: BF129238.D

Acq: 15 Jul 2022 15:02

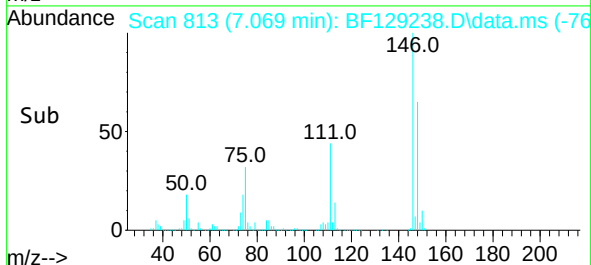
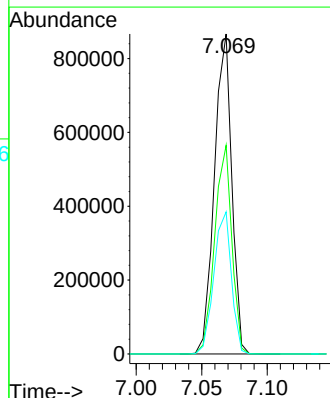
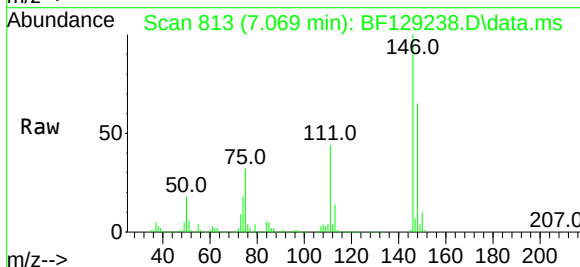
Tgt Ion:146 Resp: 796444

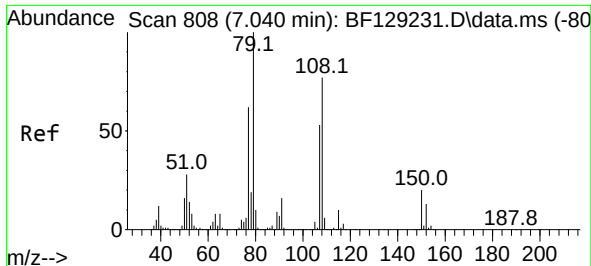
Ion Ratio Lower Upper

146 100

148 65.2 51.8 77.8

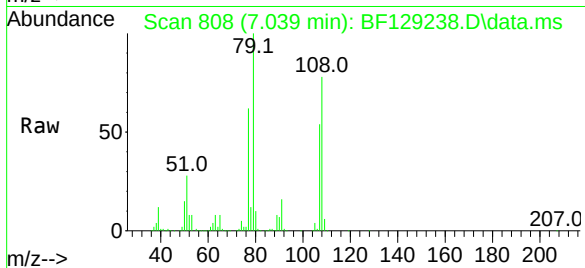
111 44.4 35.1 52.7





#15
Benzyl Alcohol
Concen: 44.629 ng m
RT: 7.039 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02

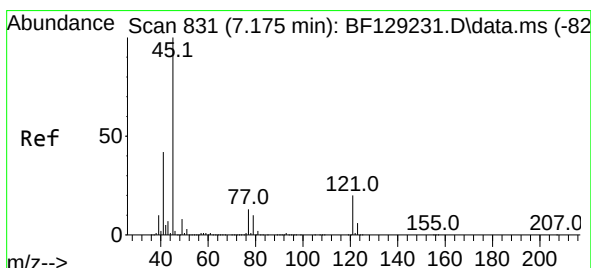
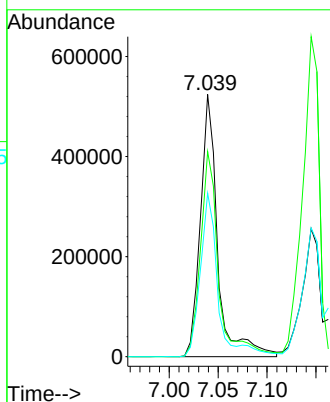
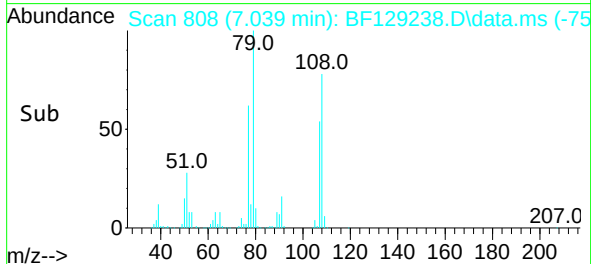
Instrument :
BNA_F
ClientSampleId :
PB146238BS



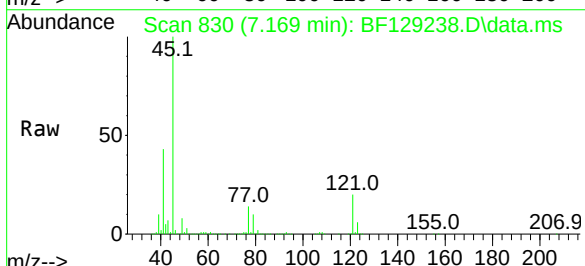
Tgt Ion: 79 Resp: 645364
Ion Ratio Lower Upper
79 100
108 78.3 61.8 92.6
77 62.4 50.2 75.4

Manual Integrations
APPROVED

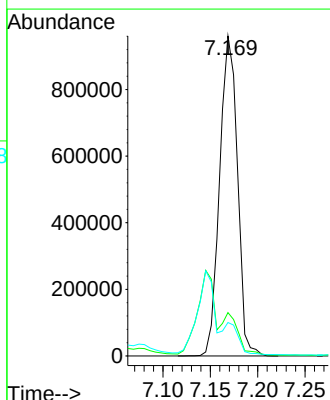
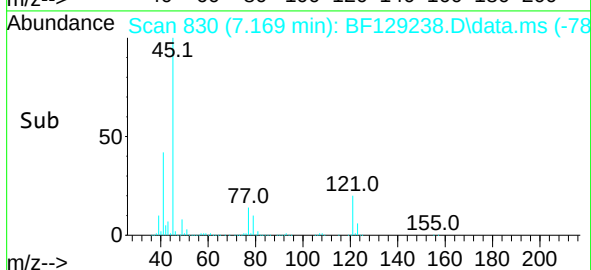
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

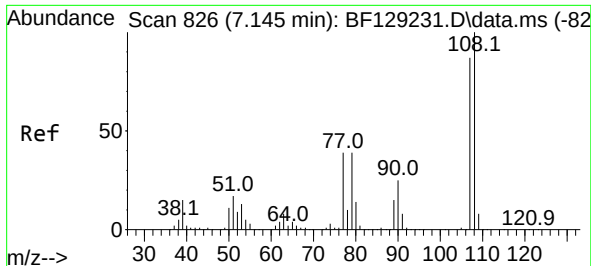


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.684 ng
RT: 7.169 min Scan# 830
Delta R.T. -0.006 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02



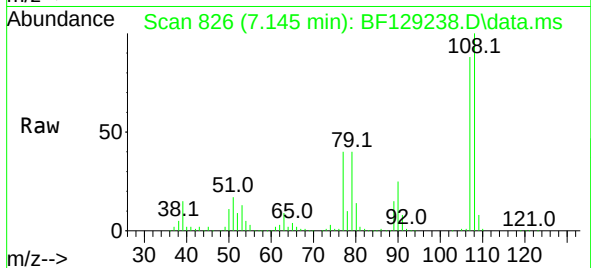
Tgt Ion: 45 Resp: 1259503
Ion Ratio Lower Upper
45 100
77 13.5 0.0 31.3
79 10.4 0.0 28.3





#17
2-Methylphenol
Concen: 43.929 ng
RT: 7.145 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02

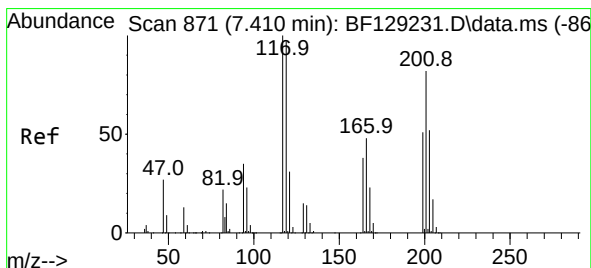
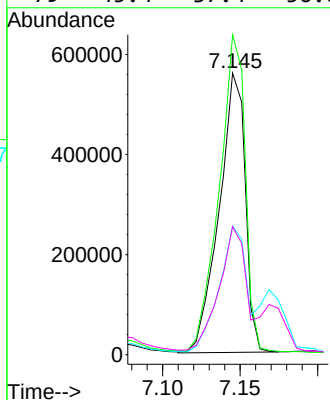
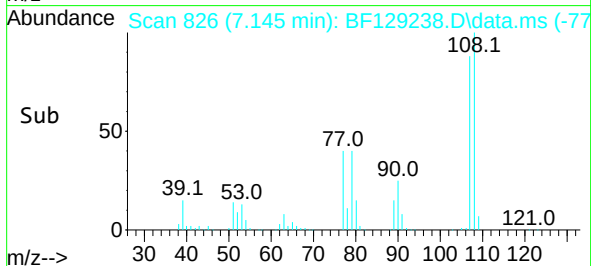
Instrument :
BNA_F
ClientSampleId :
PB146238BS



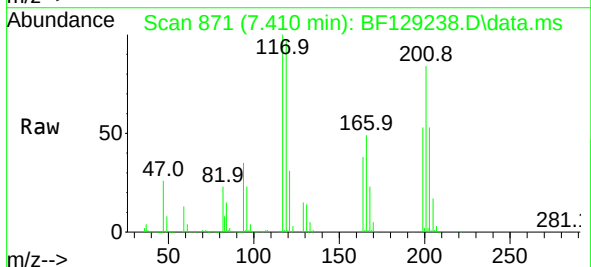
Tgt Ion:107 Resp: 652774
Ion Ratio Lower Upper
107 100
108 113.6 91.9 137.9
77 45.7 37.8 56.8
79 45.4 37.4 56.0

Manual Integrations
APPROVED

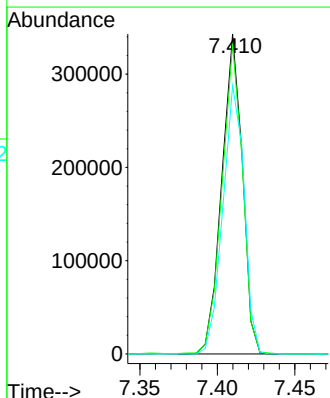
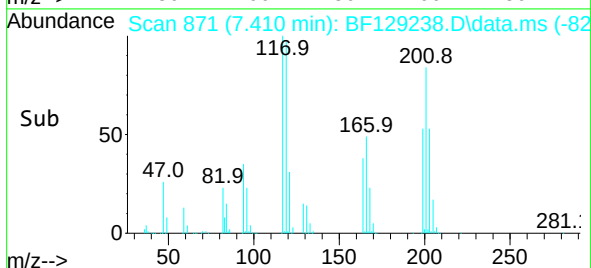
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

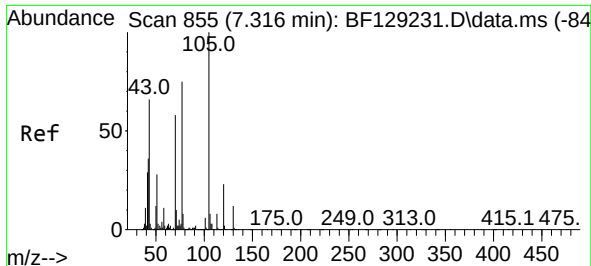


#18
Hexachloroethane
Concen: 44.558 ng
RT: 7.410 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02



Tgt Ion:117 Resp: 316569
Ion Ratio Lower Upper
117 100
119 96.8 77.4 116.2
201 83.8 84.6 127.0#





#19

n-Nitroso-di-n-propylamine

Concen: 43.311 ng

RT: 7.310 min Scan# 855

Delta R.T. -0.006 min

Lab File: BF129238.D

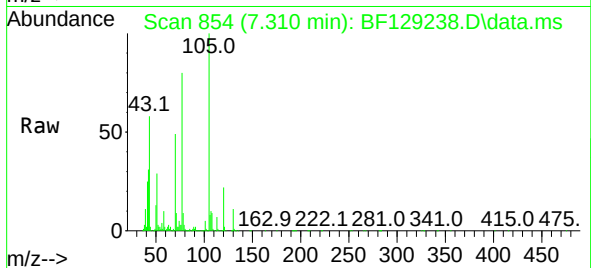
Acq: 15 Jul 2022 15:02

Instrument :

BNA_F

ClientSampleId :

PB146238BS



Tgt Ion: 70 Resp: 553150

Ion Ratio Lower Upper

70 100

42 62.7 52.3 78.5

101 9.6 7.5 11.3

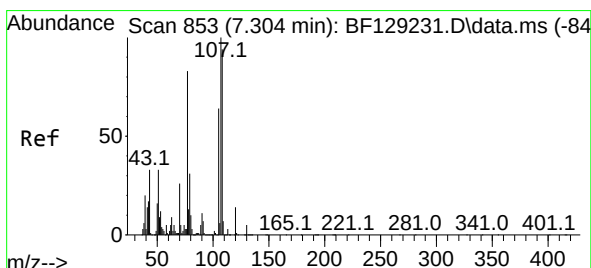
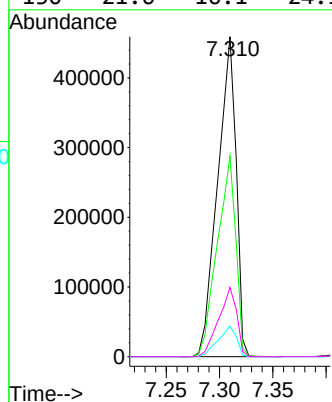
130 21.6 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/18/2022

Supervised By :Jagrut Upadhyay 07/18/2022



#20

3+4-Methylphenols

Concen: 43.747 ng

RT: 7.298 min Scan# 852

Delta R.T. -0.006 min

Lab File: BF129238.D

Acq: 15 Jul 2022 15:02

Tgt Ion:107 Resp: 798968

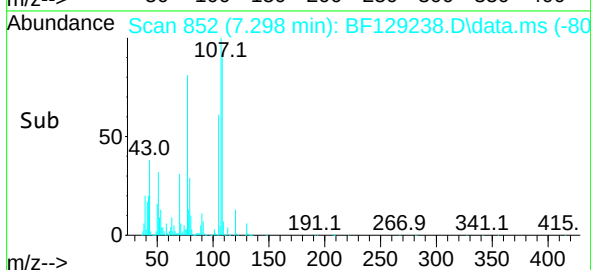
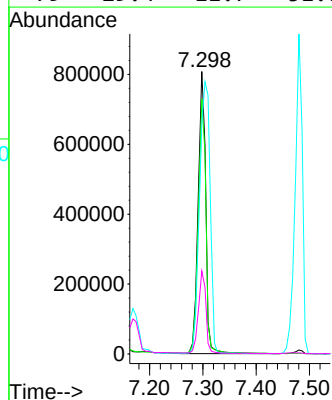
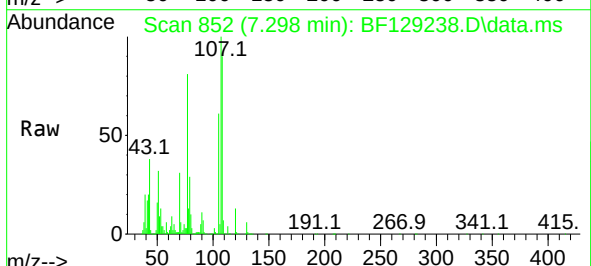
Ion Ratio Lower Upper

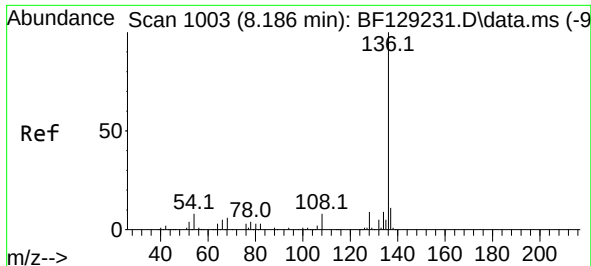
107 100

108 90.2 71.8 111.8

77 81.0 59.3 99.3

79 29.4 11.7 51.7





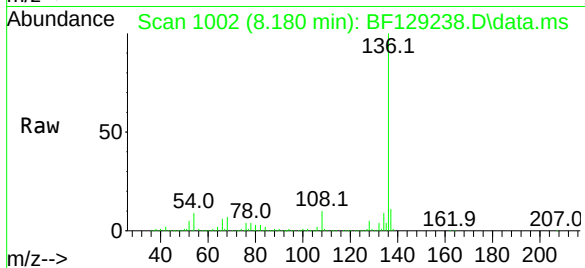
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.180 min Scan# 1100230
Delta R.T. -0.006 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02

Instrument :

BNA_F

ClientSampleId :

PB146238BS

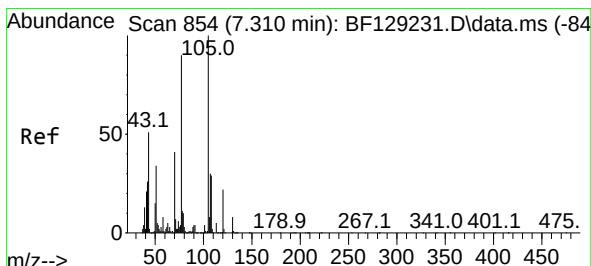
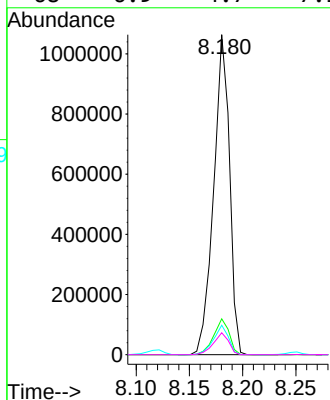
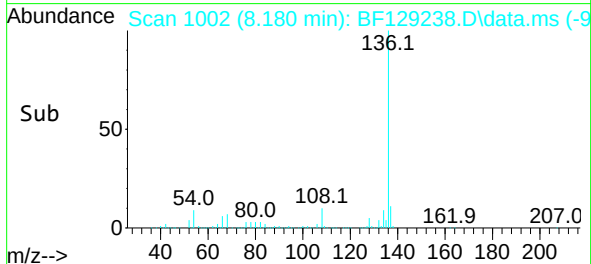


Tgt Ion:136 Resp: 1100230
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 9.2 7.5 11.3
68 6.9 4.7 7.1

Manual Integrations

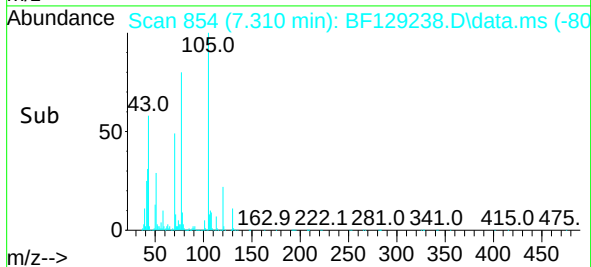
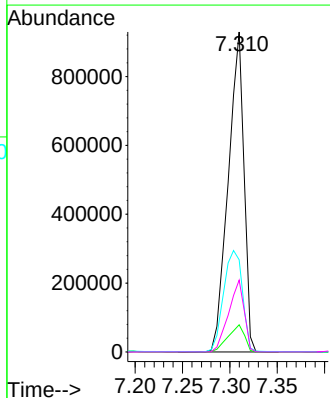
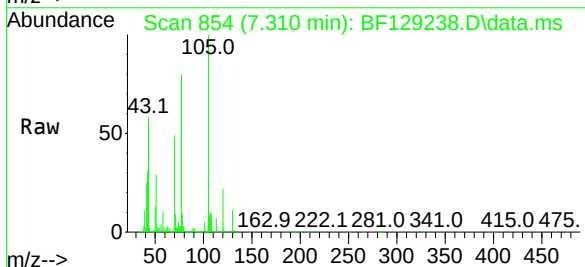
APPROVED

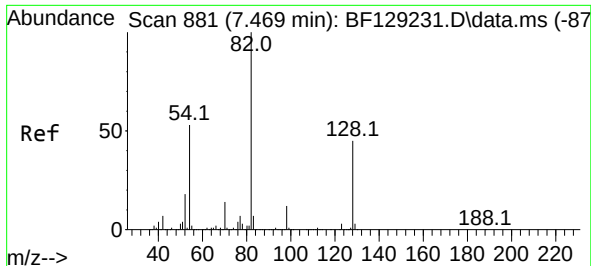
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#22
Acetophenone
Concen: 42.343 ng
RT: 7.310 min Scan# 854
Delta R.T. -0.000 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02

Tgt Ion:105 Resp: 1075105
Ion Ratio Lower Upper
105 100
71 8.5 5.0 7.4#
51 28.8 25.0 37.4
120 22.5 17.8 26.8





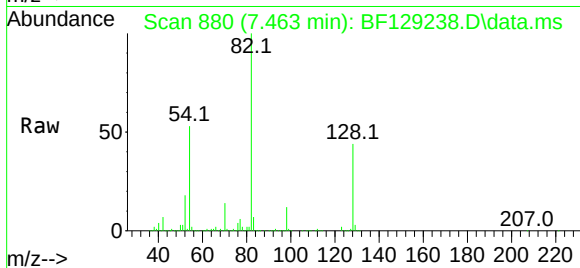
#23
Nitrobenzene-d5
Concen: 77.180 ng
RT: 7.463 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02

Instrument :

BNA_F

ClientSampleId :

PB146238BS

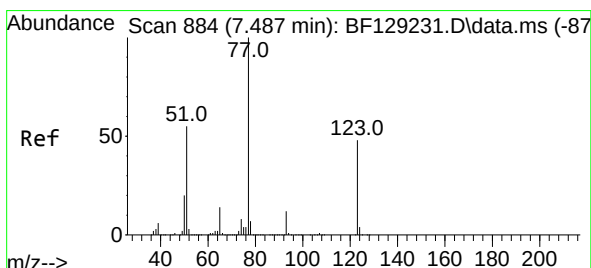
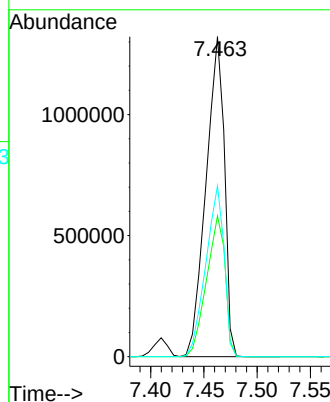
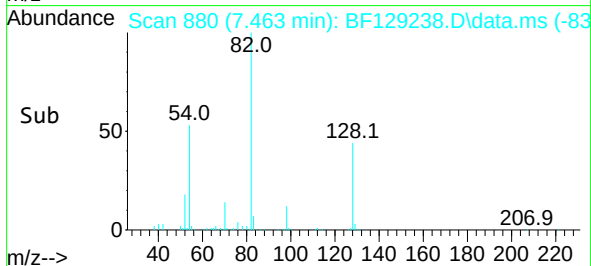


Tgt Ion: 82 Resp: 158856
Ion Ratio Lower Upper
82 100
128 44.0 34.0 51.0
54 53.4 46.9 70.3

Manual Integrations

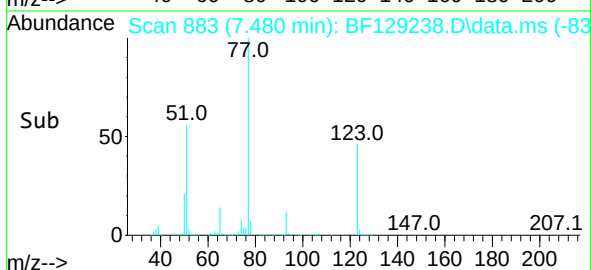
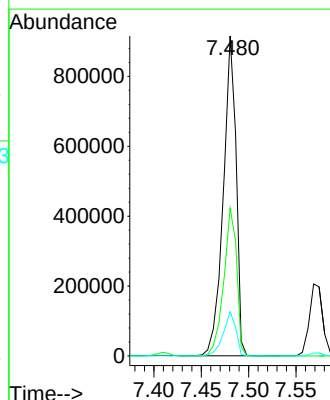
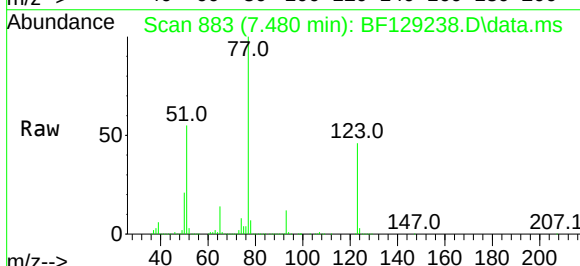
APPROVED

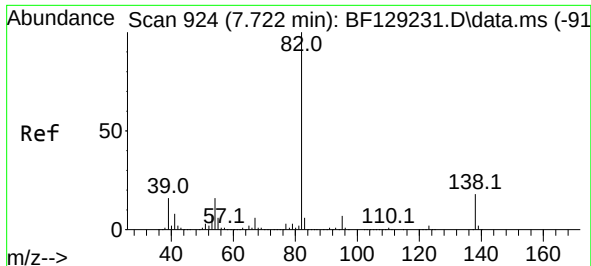
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#24
Nitrobenzene
Concen: 44.109 ng
RT: 7.480 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02

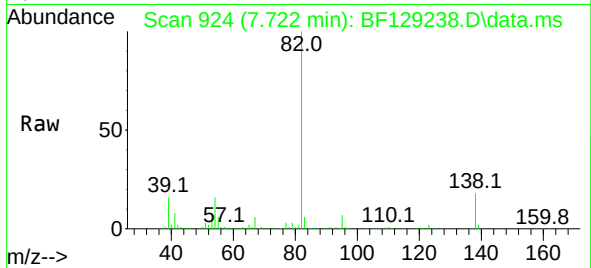
Tgt Ion: 77 Resp: 863641
Ion Ratio Lower Upper
77 100
123 46.2 35.4 53.2
65 13.8 11.8 17.8





#25
Isophorone
Concen: 45.734 ng
RT: 7.722 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02

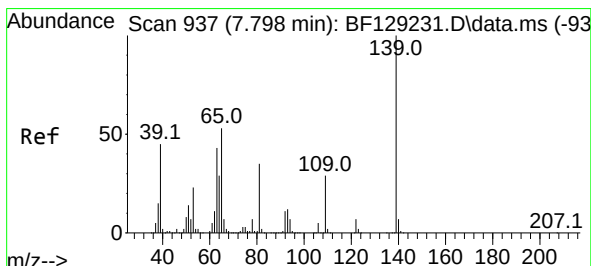
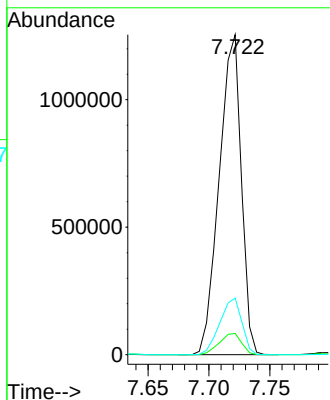
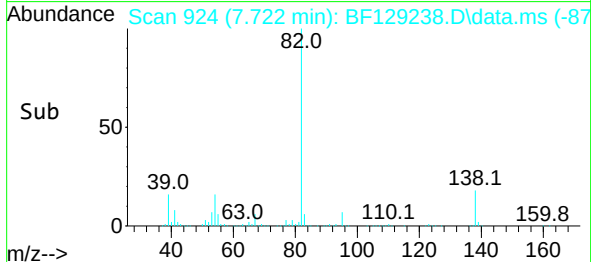
Instrument :
BNA_F
ClientSampleId :
PB146238BS



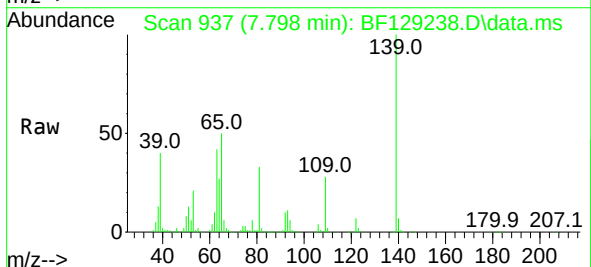
Tgt Ion: 82 Resp: 158205
Ion Ratio Lower Upper
82 100
95 6.7 5.7 8.5
138 17.7 14.2 21.2

Manual Integrations
APPROVED

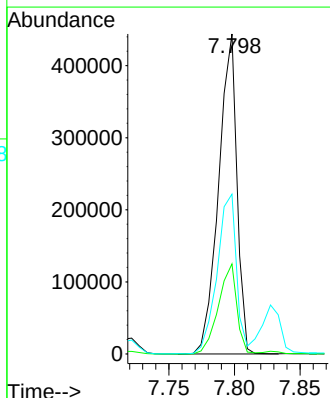
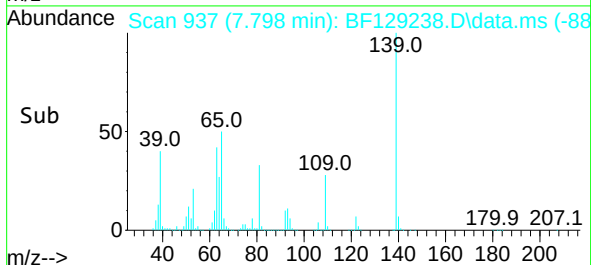
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

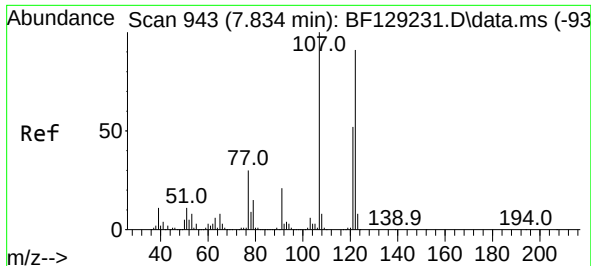


#26
2-Nitrophenol
Concen: 43.797 ng
RT: 7.798 min Scan# 937
Delta R.T. -0.000 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02



Tgt Ion:139 Resp: 430746
Ion Ratio Lower Upper
139 100
109 28.2 25.0 37.4
65 49.9 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 48.324 ng

RT: 7.827 min Scan# 943

Delta R.T. -0.006 min

Lab File: BF129238.D

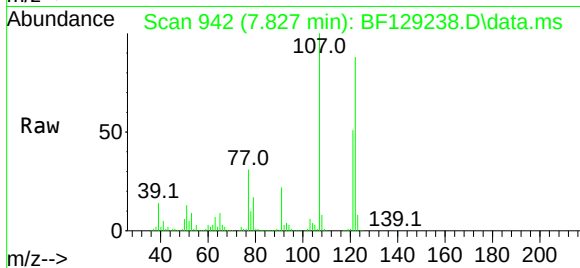
Acq: 15 Jul 2022 15:02

Instrument :

BNA_F

ClientSampleId :

PB146238BS



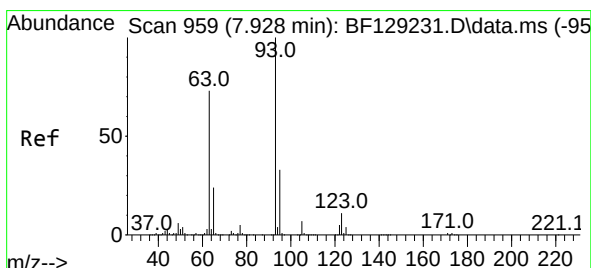
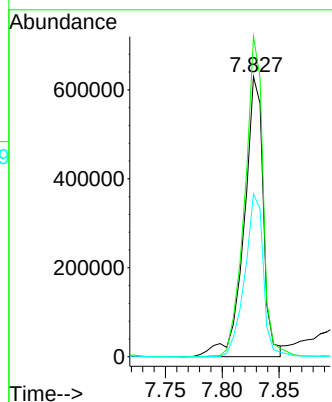
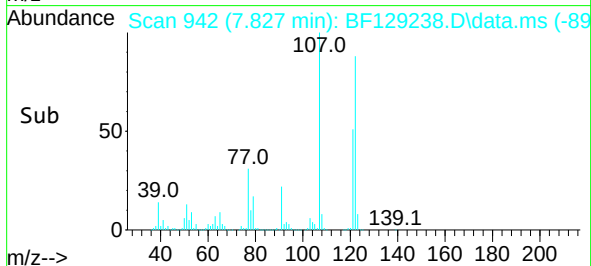
Tgt Ion:	122	Resp:	739028
Ion	Ratio	Lower	Upper
122	100		
107	114.3	93.0	139.6
121	58.1	46.6	70.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/18/2022

Supervised By :Jagrut Upadhyay 07/18/2022



#28

bis(2-Chloroethoxy)methane

Concen: 42.346 ng

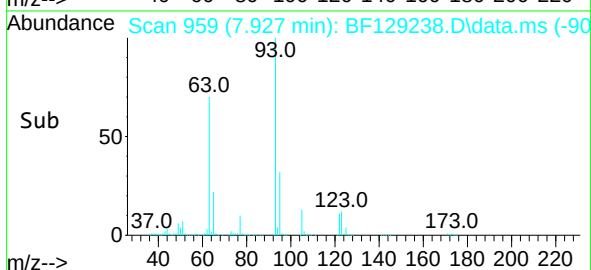
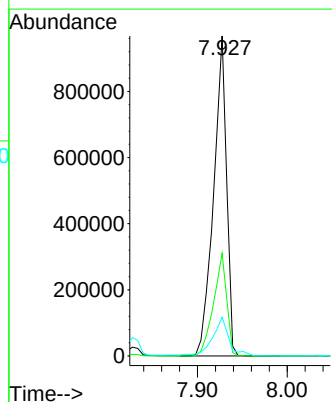
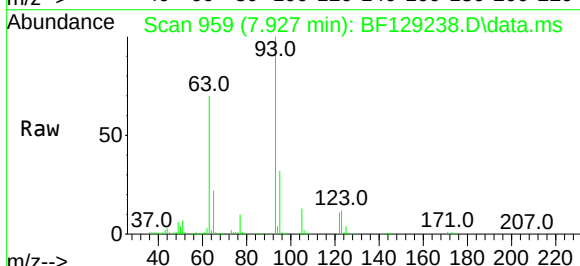
RT: 7.927 min Scan# 959

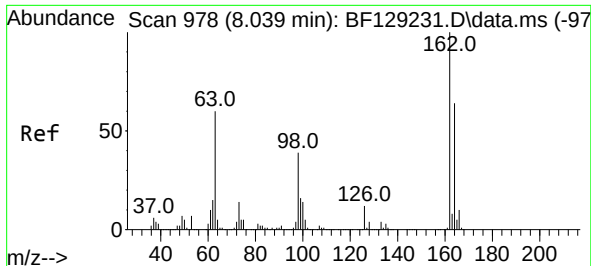
Delta R.T. -0.000 min

Lab File: BF129238.D

Acq: 15 Jul 2022 15:02

Tgt Ion:	93	Resp:	975766
Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.8	40.2
123	12.2	9.2	13.8





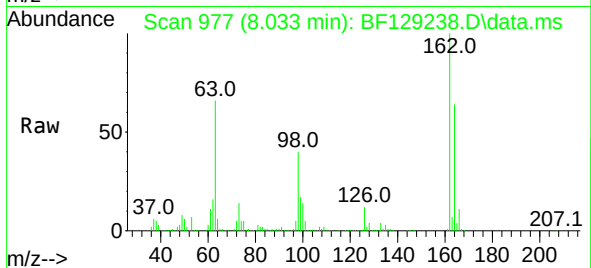
#29
2,4-Dichlorophenol
Concen: 43.412 ng
RT: 8.033 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02

Instrument :

BNA_F

ClientSampleId :

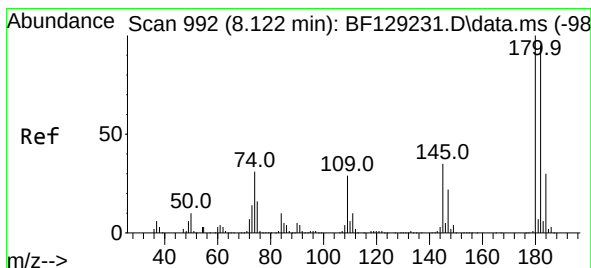
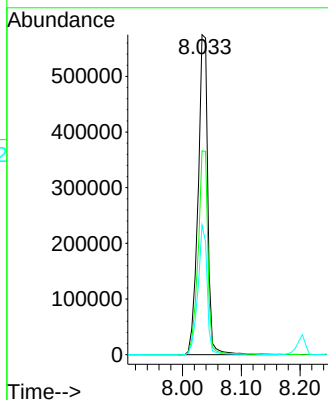
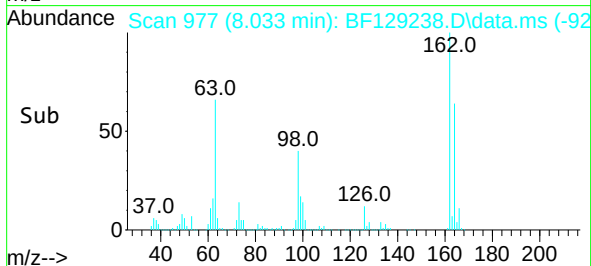
PB146238BS



Tgt Ion:162 Resp: 66002
Ion Ratio Lower Upper
162 100
164 63.7 44.2 84.2
98 40.5 19.6 59.6

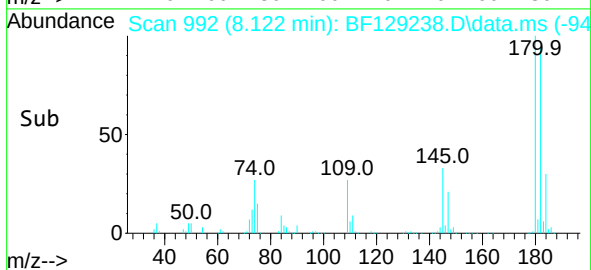
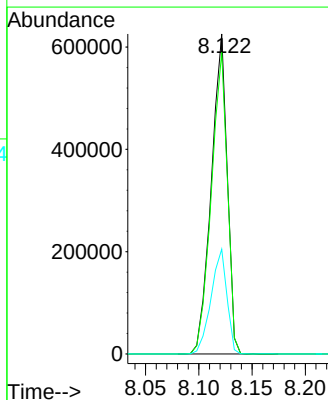
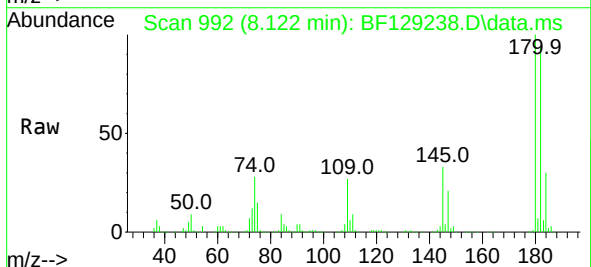
Manual Integrations
APPROVED

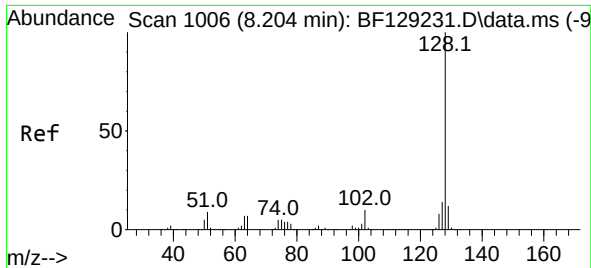
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#30
1,2,4-Trichlorobenzene
Concen: 41.094 ng
RT: 8.122 min Scan# 992
Delta R.T. -0.000 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02

Tgt Ion:180 Resp: 648304
Ion Ratio Lower Upper
180 100
182 94.2 79.2 118.8
145 32.8 26.2 39.2





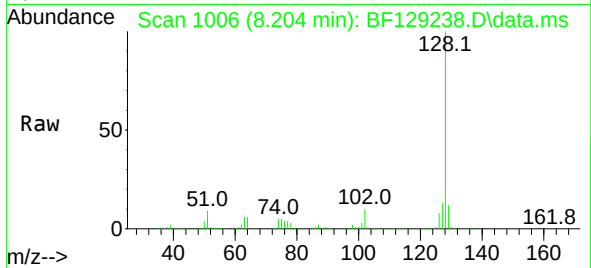
#31
Naphthalene
Concen: 43.153 ng
RT: 8.204 min Scan# 1006
Delta R.T. -0.000 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02

Instrument :

BNA_F

ClientSampleId :

PB146238BS

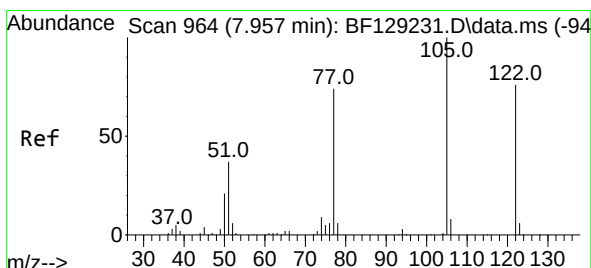
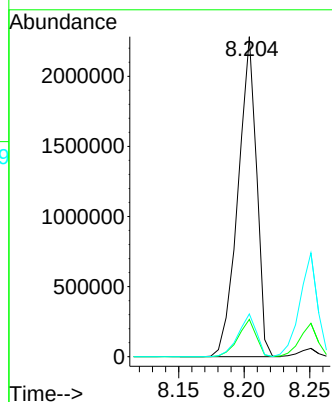
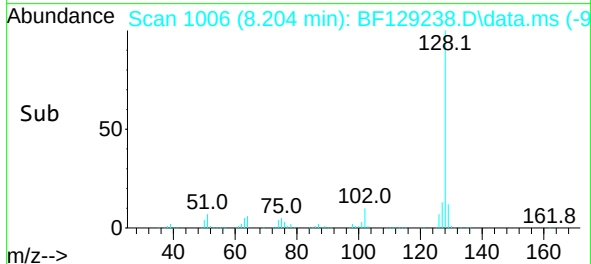


Tgt Ion:128 Resp: 2249480
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.3 10.5 15.7

Manual Integrations

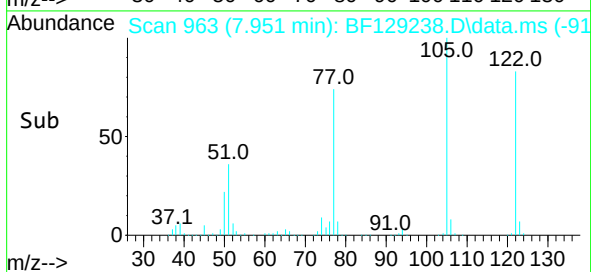
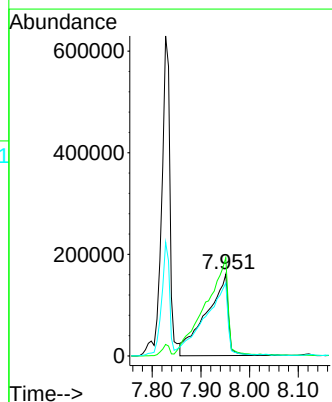
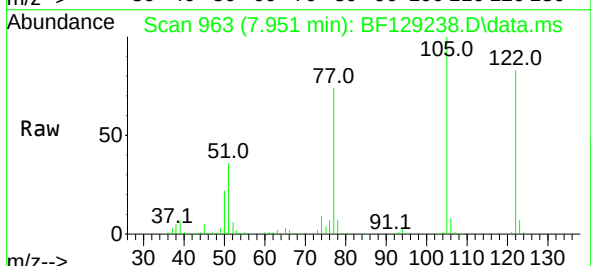
APPROVED

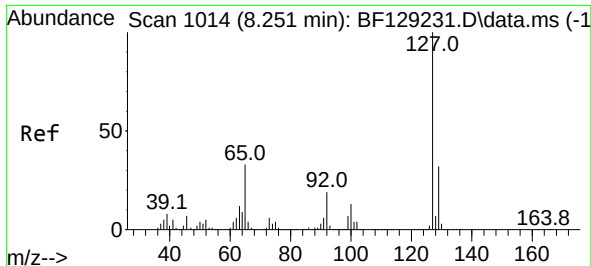
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#32
Benzoic acid
Concen: 42.423 ng
RT: 7.951 min Scan# 963
Delta R.T. -0.006 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02

Tgt Ion:122 Resp: 503894
Ion Ratio Lower Upper
122 100
105 120.3 107.1 147.1
77 89.4 74.2 114.2





#33
4-Chloroaniline
Concen: 32.870 ng
RT: 8.251 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02

Instrument :

BNA_F

ClientSampleId :

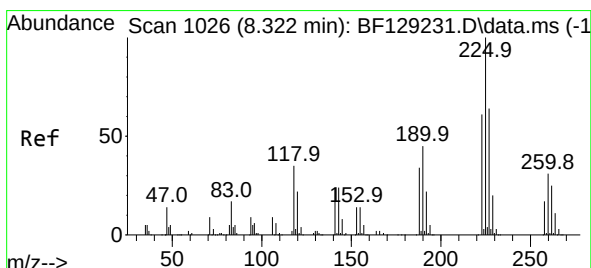
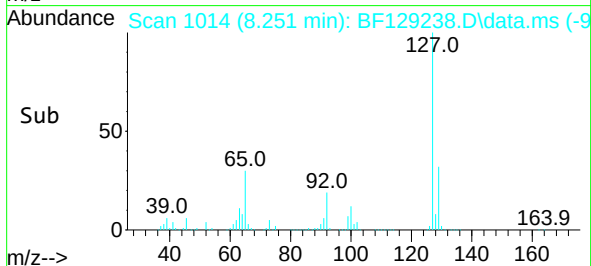
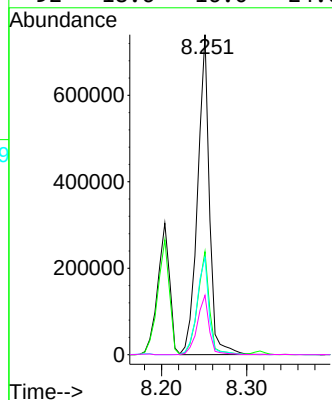
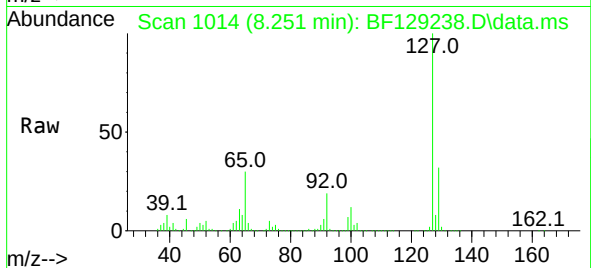
PB146238BS

Tgt Ion:127 Resp: 710560
Ion Ratio Lower Upper
127 100
129 32.2 26.4 39.6
65 30.3 26.4 39.6
92 18.6 16.0 24.0

Manual Integrations

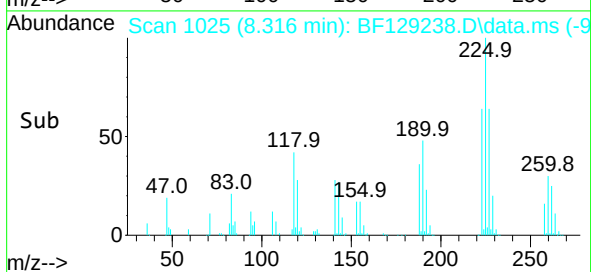
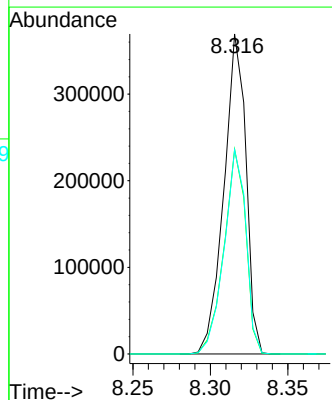
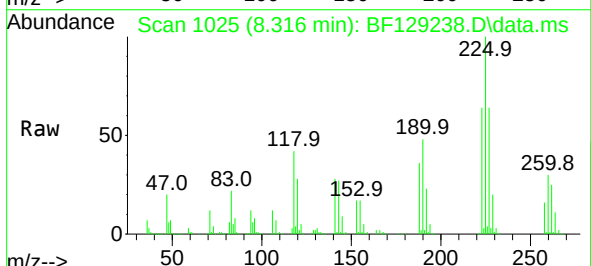
APPROVED

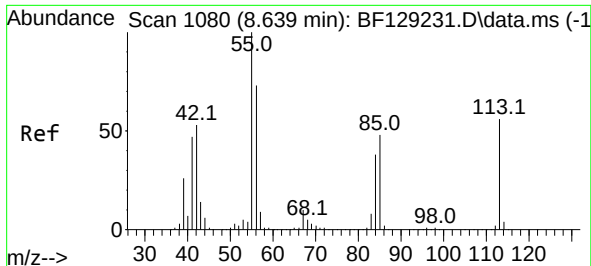
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#34
Hexachlorobutadiene
Concen: 41.165 ng
RT: 8.316 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02

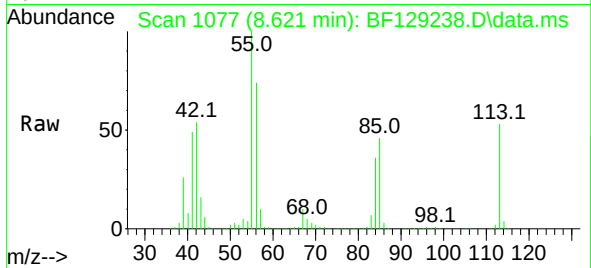
Tgt Ion:225 Resp: 365361
Ion Ratio Lower Upper
225 100
223 64.0 51.0 76.6
227 63.8 51.1 76.7





#35
 Caprolactam
 Concen: 44.402 ng m
 RT: 8.621 min Scan# 1077
 Delta R.T. -0.018 min
 Lab File: BF129238.D
 Acq: 15 Jul 2022 15:02

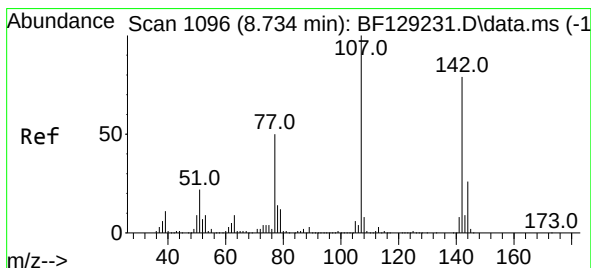
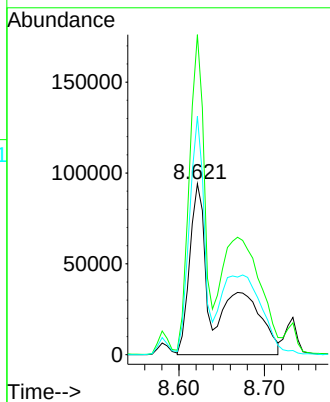
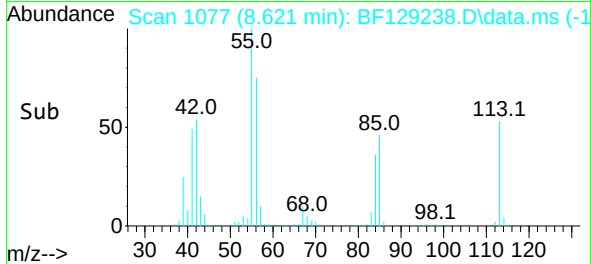
Instrument :
 BNA_F
 ClientSampleId :
 PB146238BS



Tgt Ion:113 Resp: 22425
 Ion Ratio Lower Upper
 113 100
 55 187.3 188.5 228.5
 56 139.5 130.6 170.6

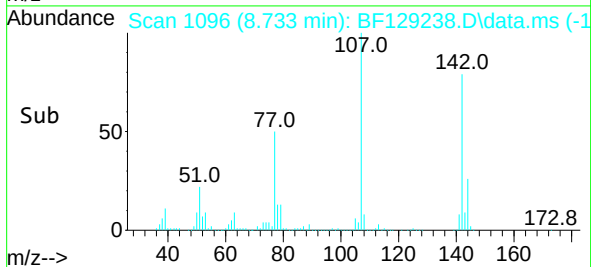
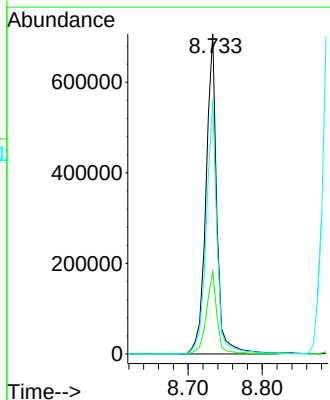
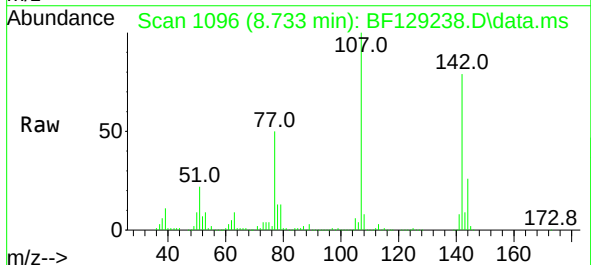
Manual Integrations
 APPROVED

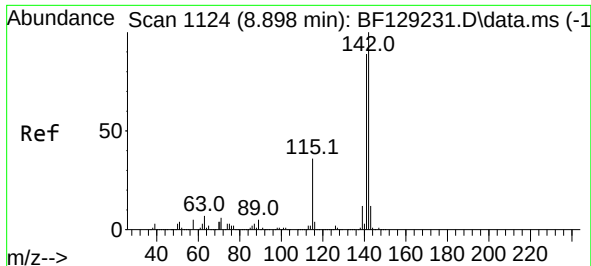
Reviewed By :Christian Giraldo 07/18/2022
 Supervised By :Jagrut Upadhyay 07/18/2022



#36
 4-Chloro-3-methylphenol
 Concen: 43.388 ng
 RT: 8.733 min Scan# 1096
 Delta R.T. -0.000 min
 Lab File: BF129238.D
 Acq: 15 Jul 2022 15:02

Tgt Ion:107 Resp: 719623
 Ion Ratio Lower Upper
 107 100
 144 25.7 19.5 29.3
 142 79.2 58.2 87.4





#37

2-Methylnaphthalene

Concen: 43.334 ng

RT: 8.892 min Scan# 1123

Delta R.T. -0.006 min

Lab File: BF129238.D

Acq: 15 Jul 2022 15:02

Instrument :

BNA_F

ClientSampleId :

PB146238BS

Tgt Ion:142 Resp: 147229

Ion Ratio Lower Upper

142 100

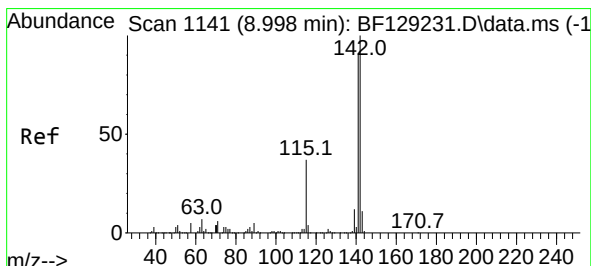
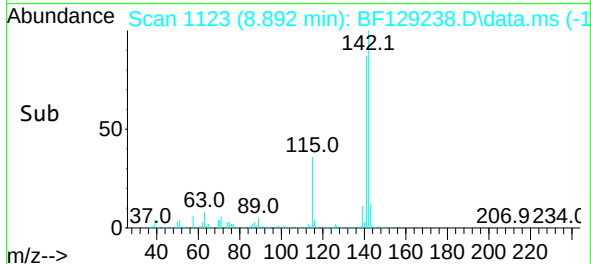
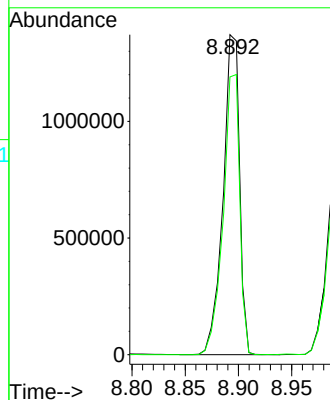
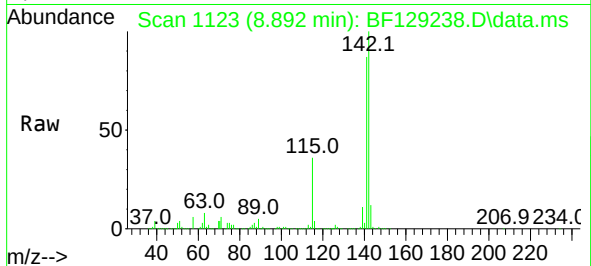
141 86.8 71.0 106.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/18/2022

Supervised By :Jagrut Upadhyay 07/18/2022



#38

1-Methylnaphthalene

Concen: 42.776 ng

RT: 8.998 min Scan# 1141

Delta R.T. -0.000 min

Lab File: BF129238.D

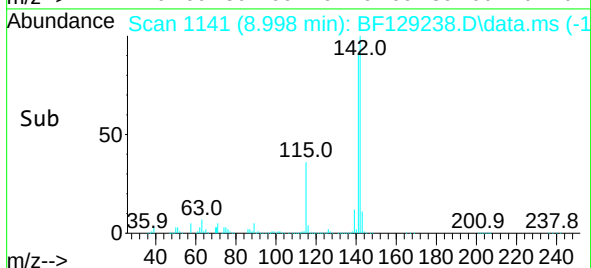
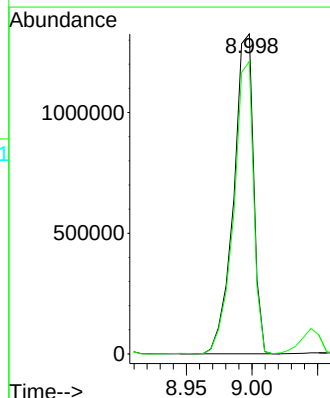
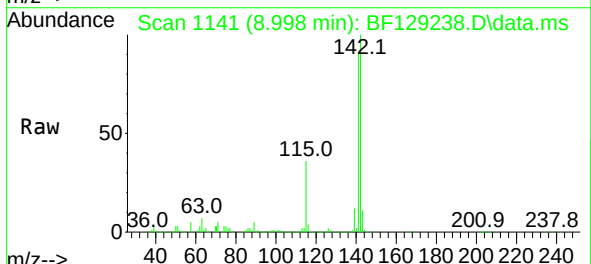
Acq: 15 Jul 2022 15:02

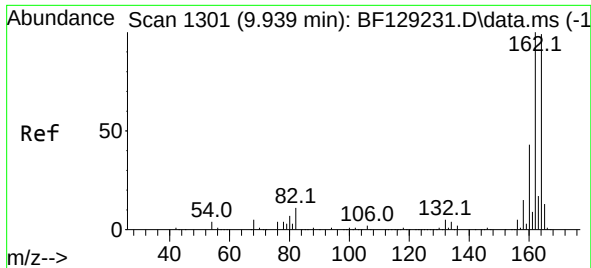
Tgt Ion:142 Resp: 1405515

Ion Ratio Lower Upper

142 100

141 91.4 74.2 111.4





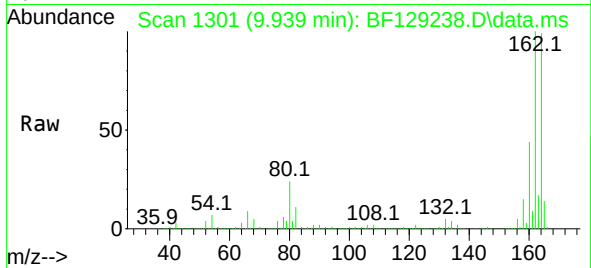
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1130
Delta R.T. -0.000 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02

Instrument :

BNA_F

ClientSampleId :

PB146238BS

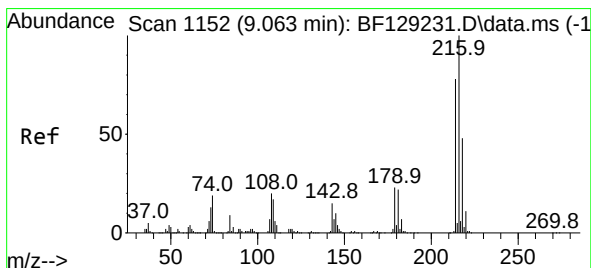
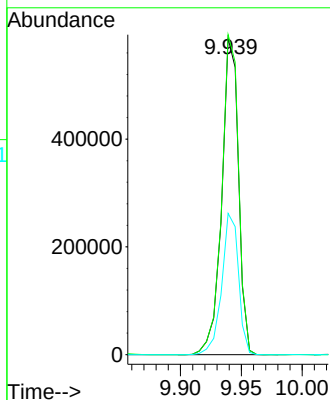
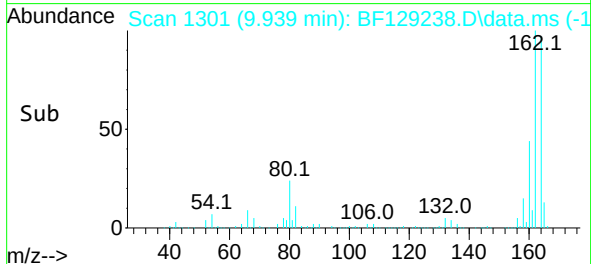


Tgt Ion:164 Resp: 564385
Ion Ratio Lower Upper
164 100
162 101.1 79.5 119.3
160 44.7 34.2 51.4

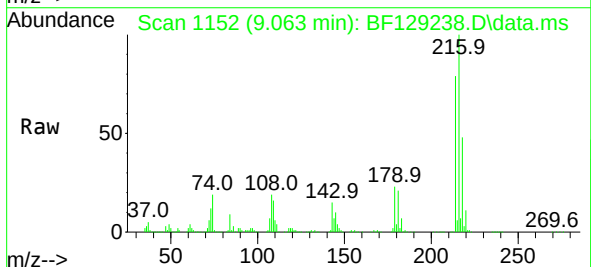
Manual Integrations

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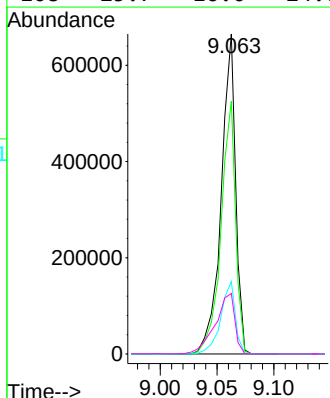
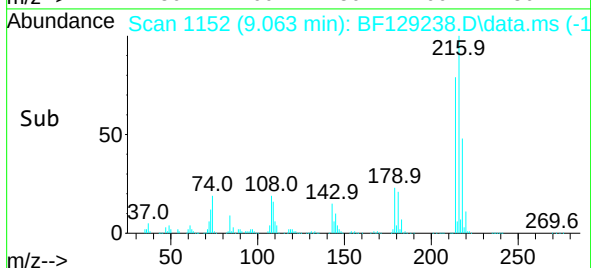
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

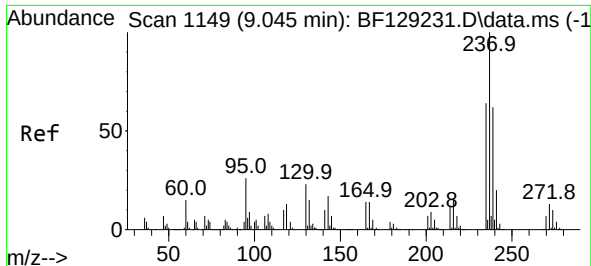


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.909 ng
RT: 9.063 min Scan# 1152
Delta R.T. -0.000 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02



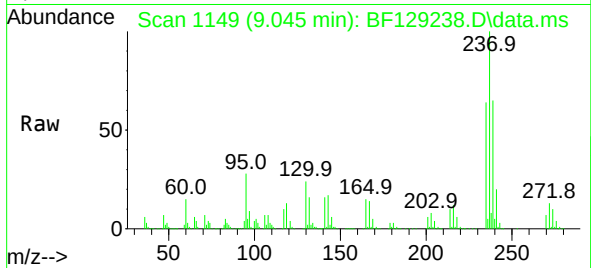
Tgt Ion:216 Resp: 588062
Ion Ratio Lower Upper
216 100
214 80.0 63.6 95.4
179 22.9 17.0 25.6
108 25.7 16.0 24.0#





#41
Hexachlorocyclopentadiene
Concen: 104.399 ng
RT: 9.045 min Scan# 1149
Delta R.T. -0.000 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02

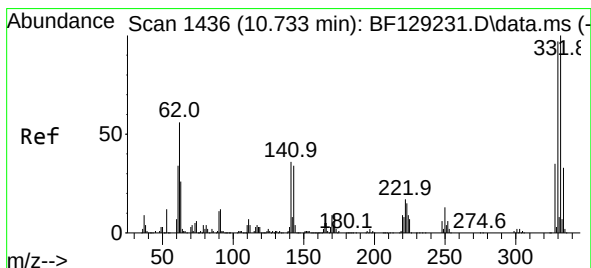
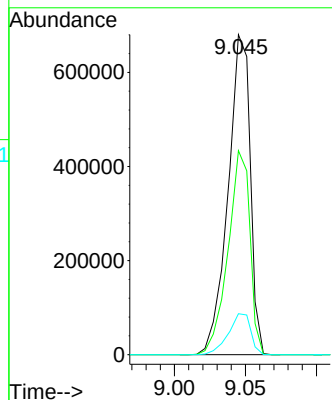
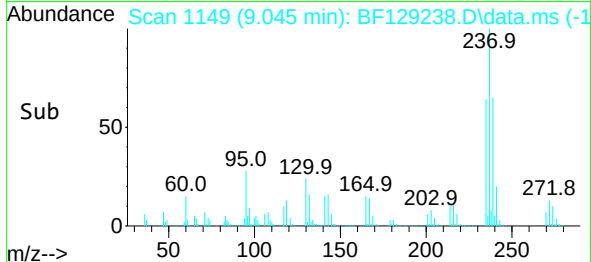
Instrument :
BNA_F
ClientSampleId :
PB146238BS



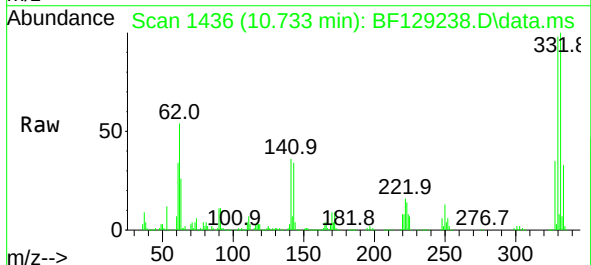
Tgt Ion:237 Resp: 737183
Ion Ratio Lower Upper
237 100
235 63.7 43.2 83.2
272 12.8 0.0 31.9

Manual Integrations
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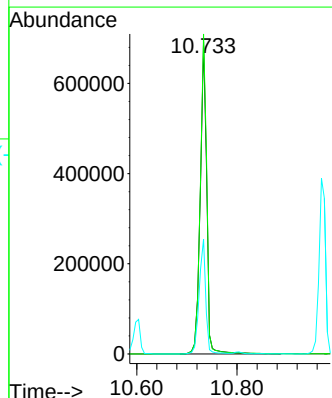
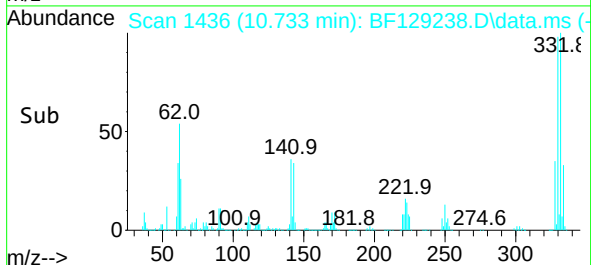
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

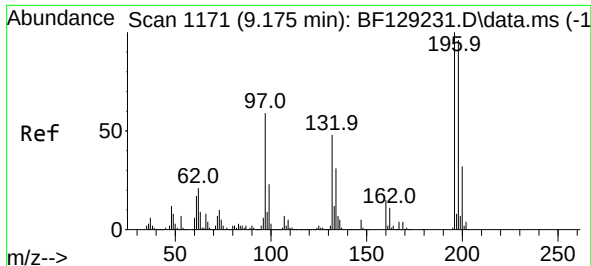


#42
2,4,6-Tribromophenol
Concen: 118.282 ng
RT: 10.733 min Scan# 1436
Delta R.T. -0.000 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02



Tgt Ion:330 Resp: 619617
Ion Ratio Lower Upper
330 100
332 102.8 76.8 115.2
141 37.3 28.0 42.0





#43
2,4,6-Trichlorophenol
Concen: 42.377 ng
RT: 9.174 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02

Instrument :

BNA_F

ClientSampleId :

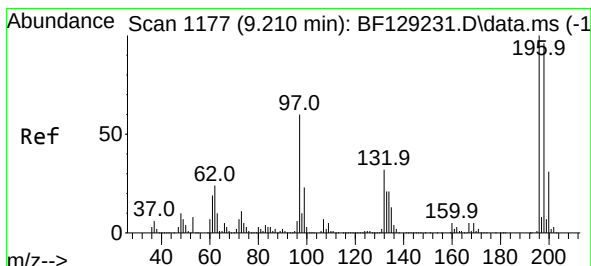
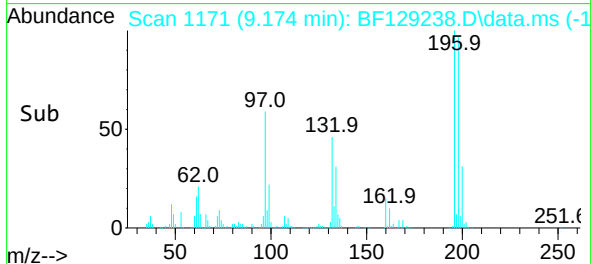
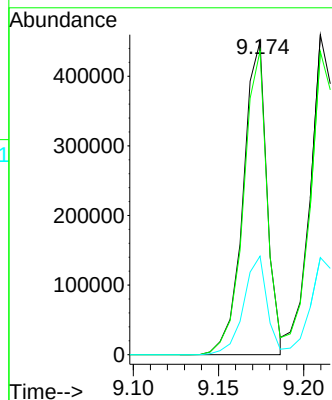
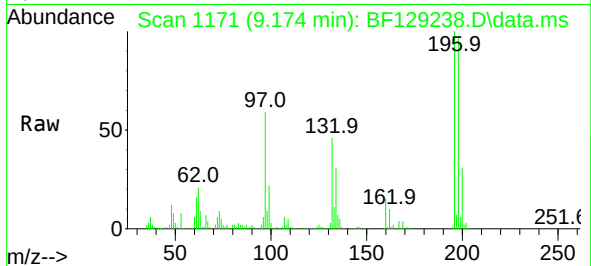
PB146238BS

Tgt Ion:196 Resp: 437859
Ion Ratio Lower Upper
196 100
198 97.0 74.0 111.0
200 31.4 24.1 36.1

Manual Integrations

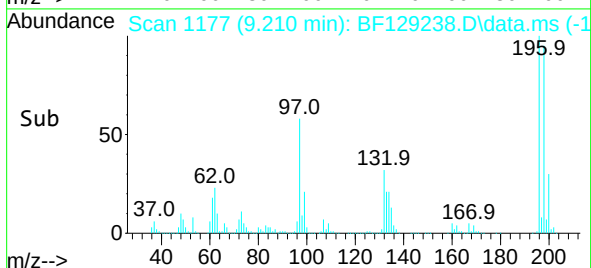
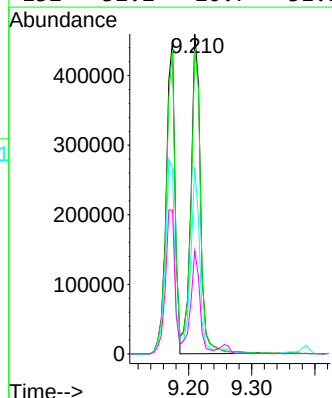
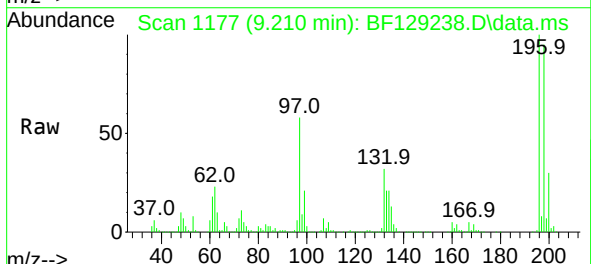
APPROVED

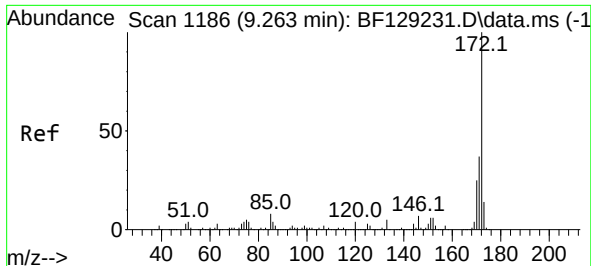
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#44
2,4,5-Trichlorophenol
Concen: 44.649 ng
RT: 9.210 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02

Tgt Ion:196 Resp: 487997
Ion Ratio Lower Upper
196 100
198 94.7 75.7 113.5
97 58.3 36.4 54.6#
132 32.2 20.7 31.1#





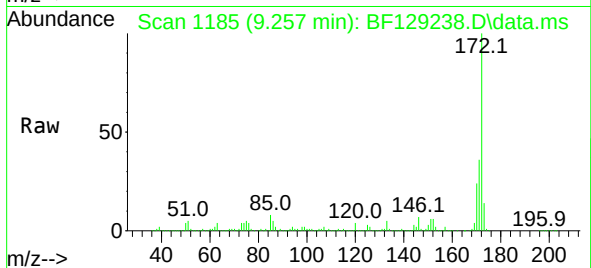
#45
2-Fluorobiphenyl
Concen: 79.267 ng
RT: 9.257 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02

Instrument :

BNA_F

ClientSampleId :

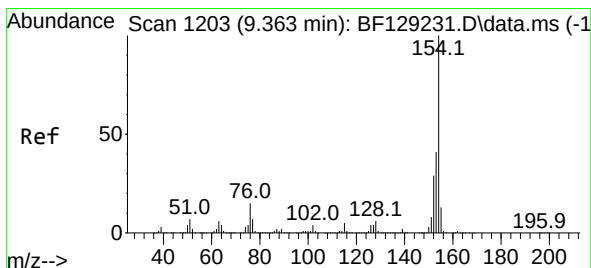
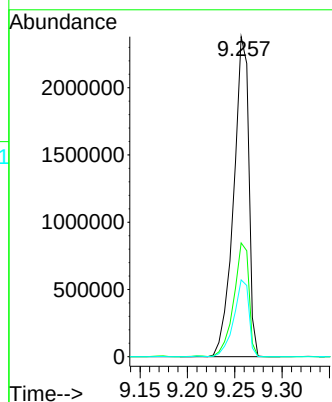
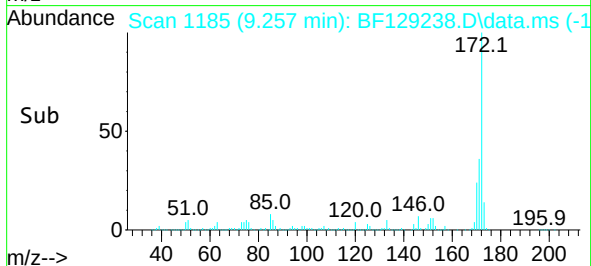
PB146238BS



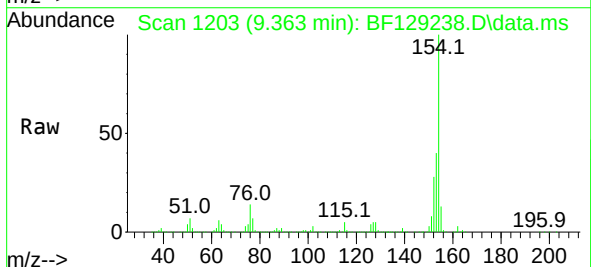
Tgt Ion:172 Resp: 2640609
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 24.0 19.8 29.8

Manual Integrations
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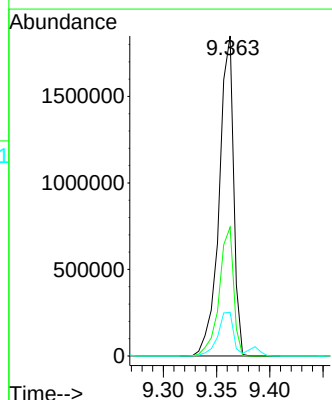
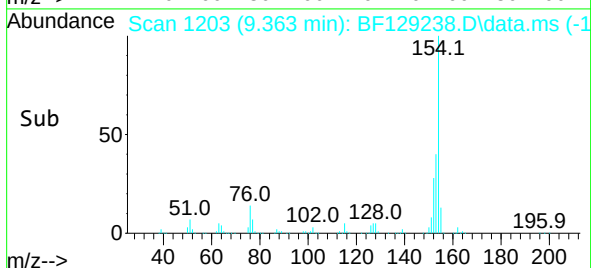
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

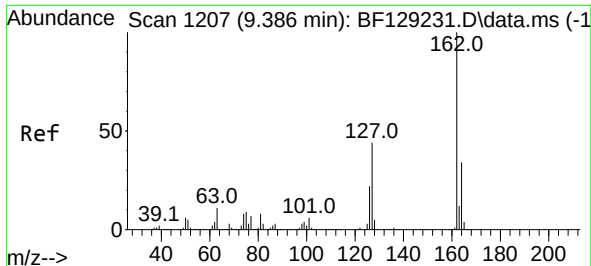


#46
1,1'-Biphenyl
Concen: 43.572 ng
RT: 9.363 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02



Tgt Ion:154 Resp: 1739329
Ion Ratio Lower Upper
154 100
153 40.2 20.6 60.6
76 13.7 0.0 33.3





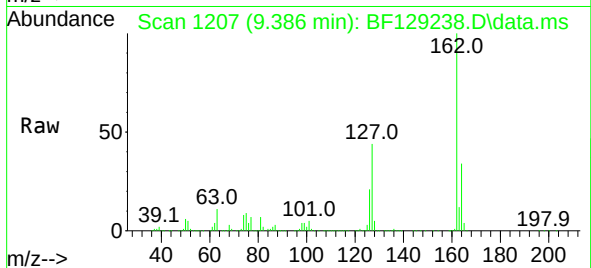
#47
2-Chloronaphthalene
Concen: 43.400 ng
RT: 9.386 min Scan# 1207
Delta R.T. -0.000 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02

Instrument :

BNA_F

ClientSampleId :

PB146238BS

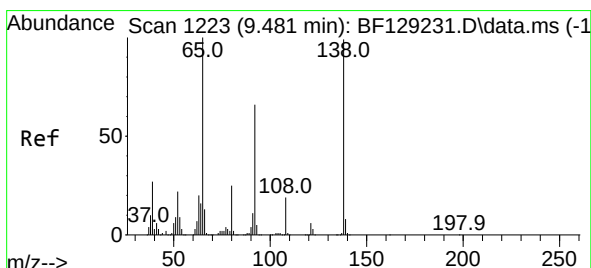
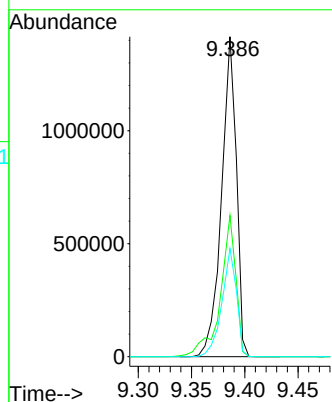
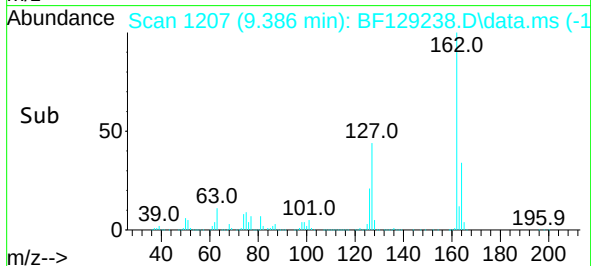


Tgt Ion:162 Resp: 136458
Ion Ratio Lower Upper
162 100
127 44.1 34.5 51.7
164 33.8 26.5 39.7

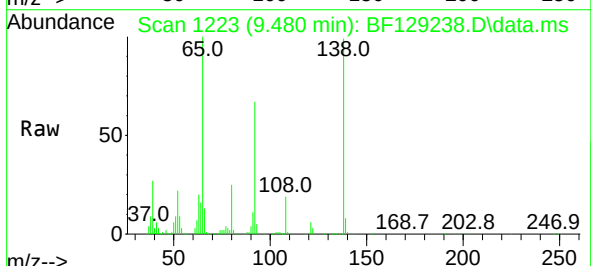
Manual Integrations

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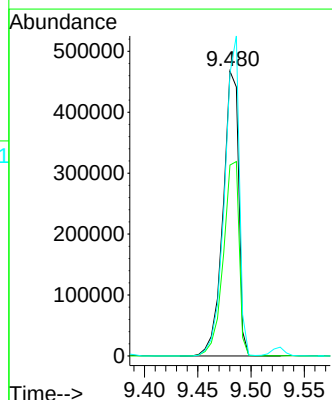
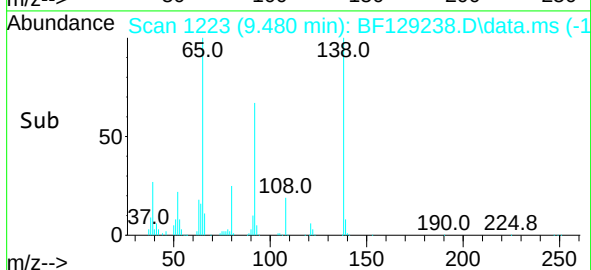
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

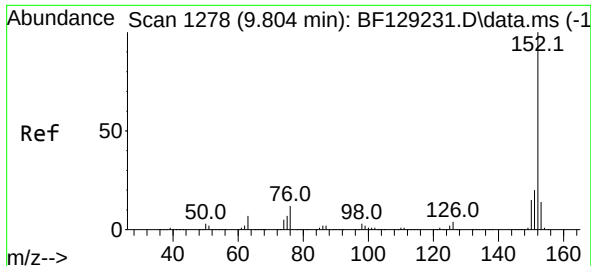


#48
2-Nitroaniline
Concen: 45.013 ng
RT: 9.480 min Scan# 1223
Delta R.T. -0.000 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02



Tgt Ion: 65 Resp: 475498
Ion Ratio Lower Upper
65 100
92 67.0 51.9 77.9
138 99.2 76.4 114.6





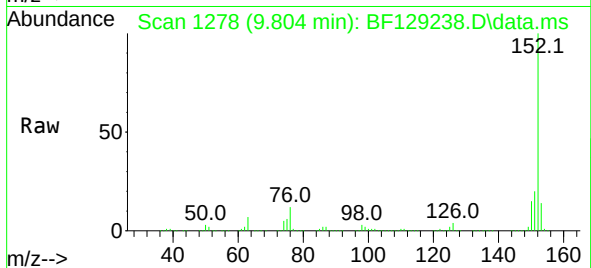
#49
Acenaphthylene
Concen: 44.668 ng
RT: 9.804 min Scan# 1278
Delta R.T. -0.000 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02

Instrument :

BNA_F

ClientSampleId :

PB146238BS

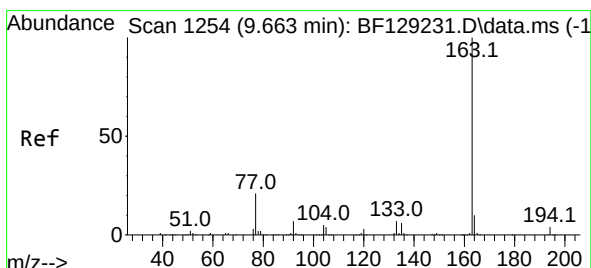
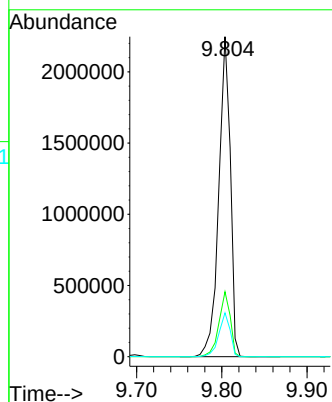
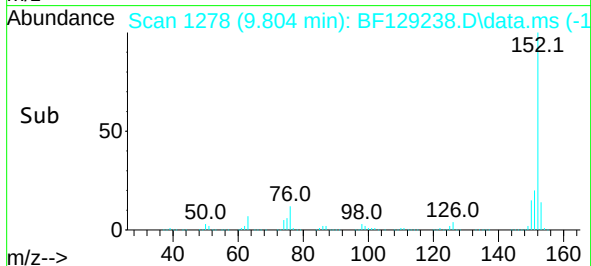


Tgt Ion:152 Resp: 211389
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 13.7 10.7 16.1

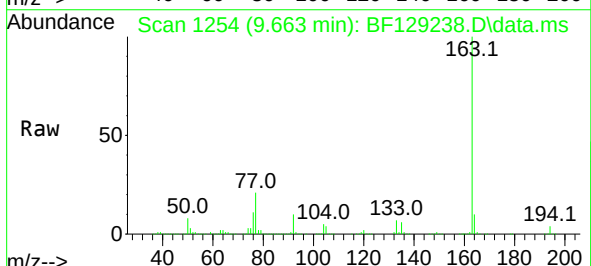
Manual Integrations

APPROVED

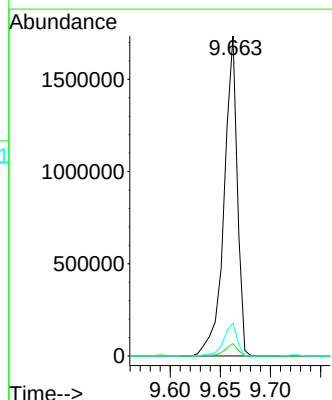
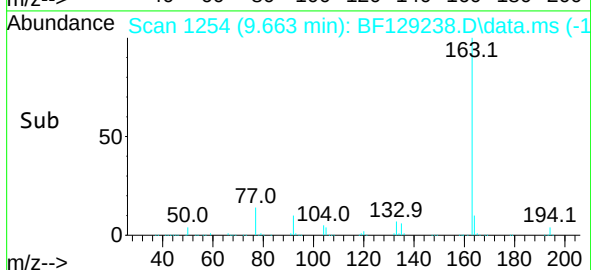
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

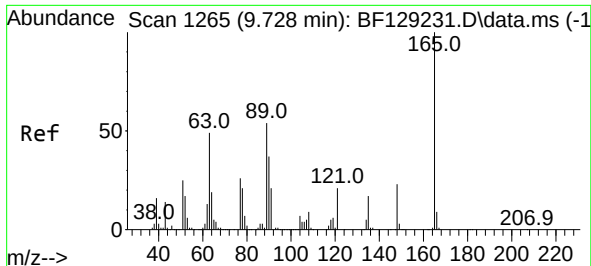


#50
Dimethylphthalate
Concen: 43.351 ng
RT: 9.663 min Scan# 1254
Delta R.T. -0.000 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02



Tgt Ion:163 Resp: 1587704
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: 46.221 ng
RT: 9.721 min Scan# 1265
Delta R.T. -0.006 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02

Instrument :

BNA_F

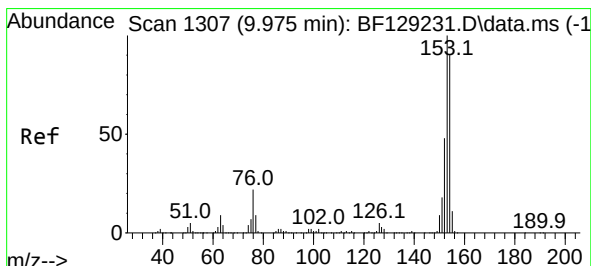
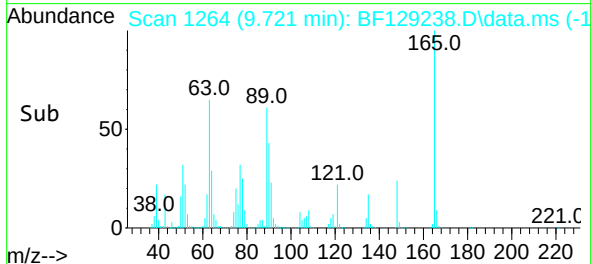
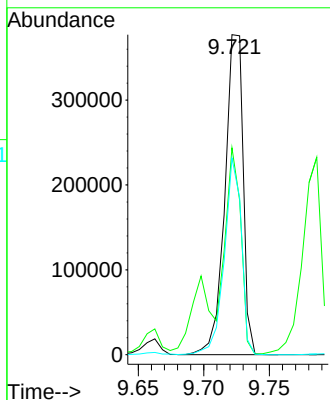
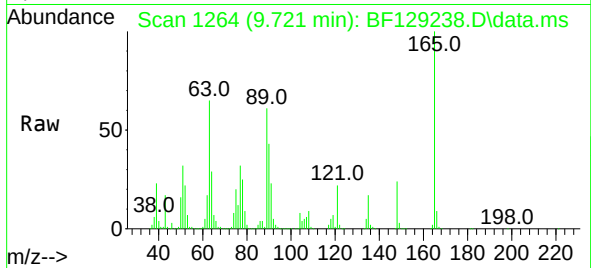
ClientSampleId :

PB146238BS

Tgt Ion:165 Resp: 366310
Ion Ratio Lower Upper
165 100
63 64.6 44.9 67.3
89 61.5 43.6 65.4

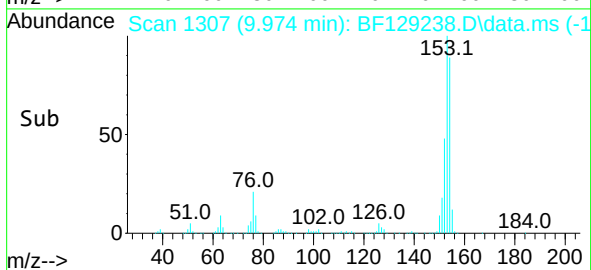
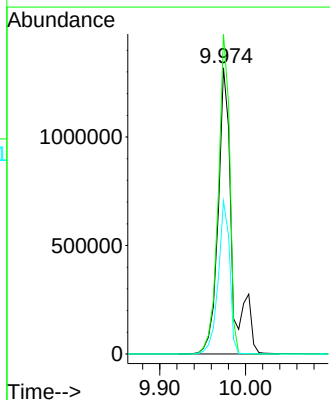
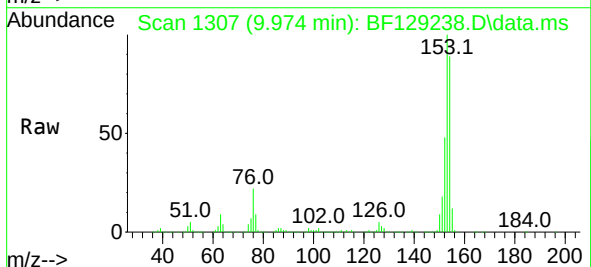
Manual Integrations
APPROVED

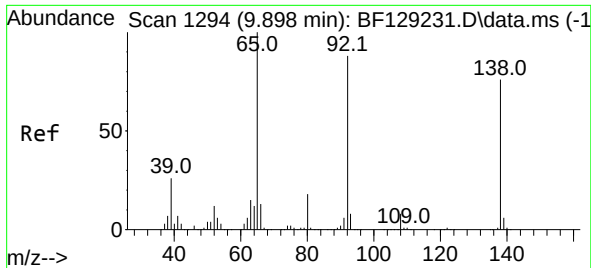
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#52
Acenaphthene
Concen: 48.048 ng m
RT: 9.974 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02

Tgt Ion:154 Resp: 1486296
Ion Ratio Lower Upper
154 100
153 111.8 89.6 134.4
152 53.4 42.4 63.6





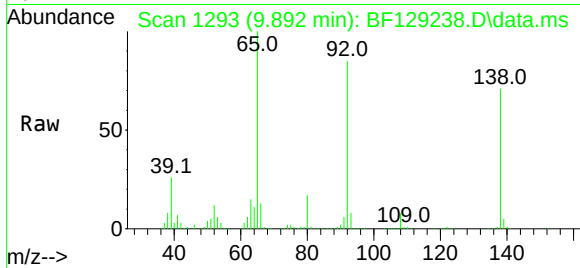
#53
3-Nitroaniline
Concen: 33.032 ng
RT: 9.892 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02

Instrument :

BNA_F

ClientSampleId :

PB146238BS

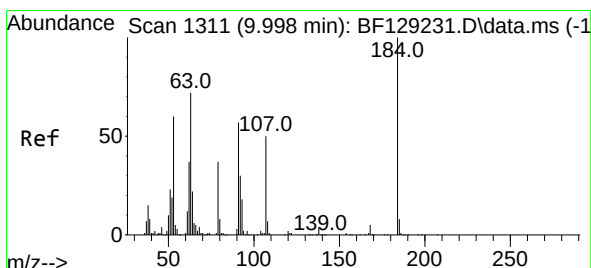
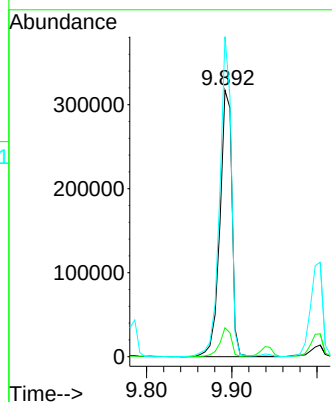
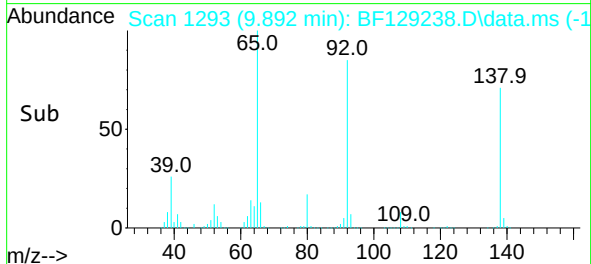


Tgt Ion:138 Resp: 312604
Ion Ratio Lower Upper
138 100
108 10.9 10.9 16.3
92 120.1 98.2 147.2

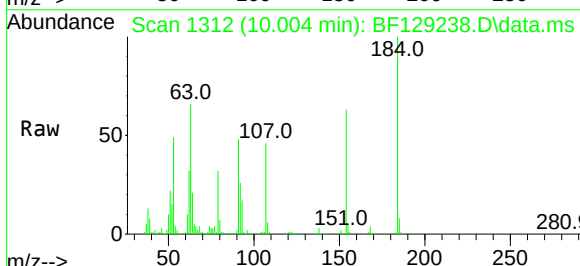
Manual Integrations

APPROVED

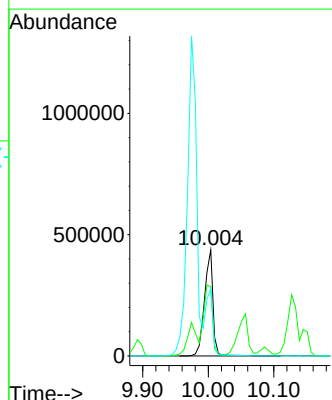
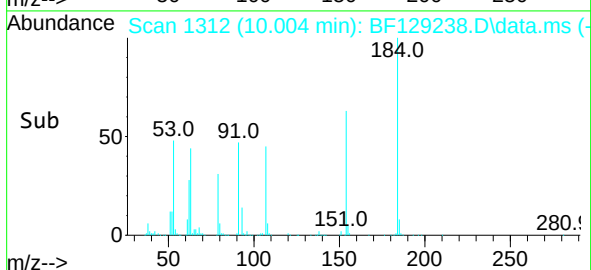
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

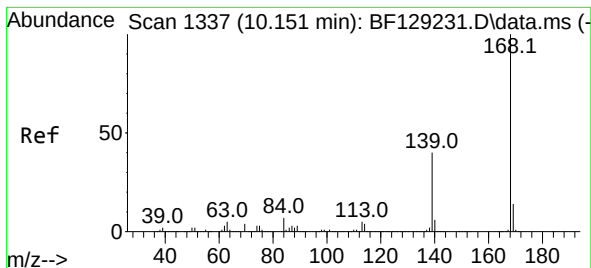


#54
2,4-Dinitrophenol
Concen: 93.053 ng
RT: 10.004 min Scan# 1312
Delta R.T. 0.006 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02



Tgt Ion:184 Resp: 395246
Ion Ratio Lower Upper
184 100
63 65.5 64.5 96.7
154 63.1 50.6 75.8





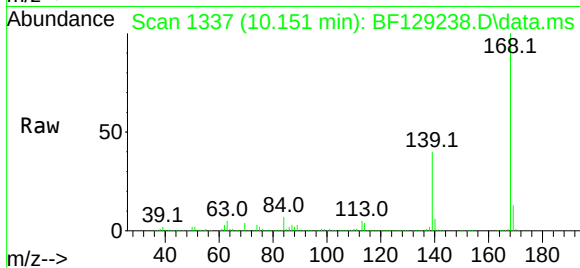
#55
Dibenzofuran
Concen: 43.054 ng
RT: 10.151 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02

Instrument :

BNA_F

ClientSampleId :

PB146238BS

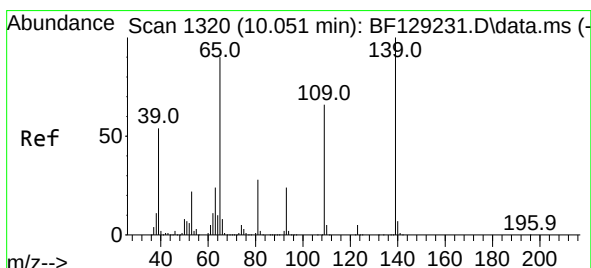
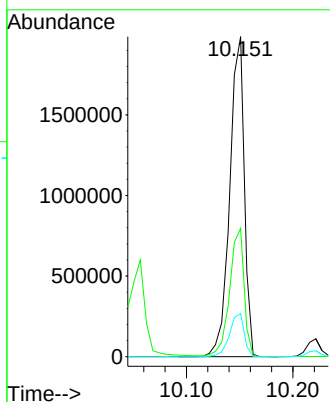
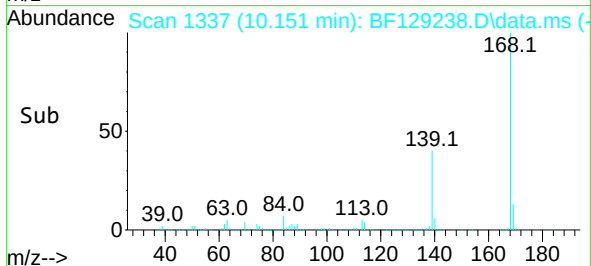


Tgt Ion:168 Resp: 1890602
Ion Ratio Lower Upper
168 100
139 40.1 30.6 46.0
169 13.5 11.0 16.6

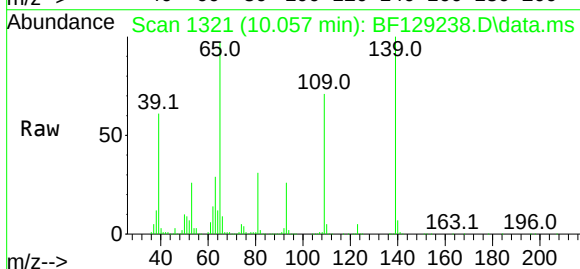
Manual Integrations

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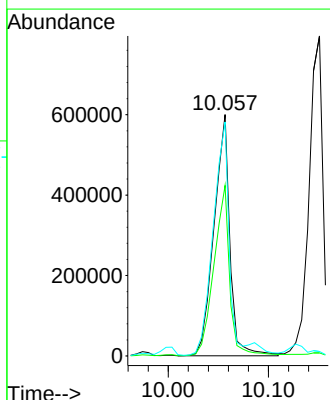
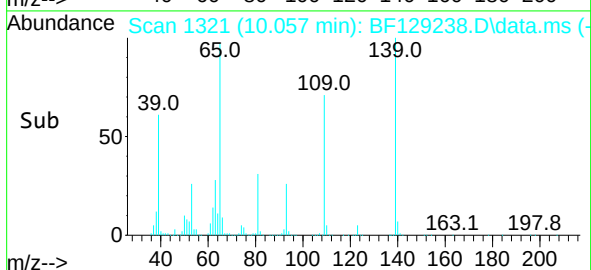
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

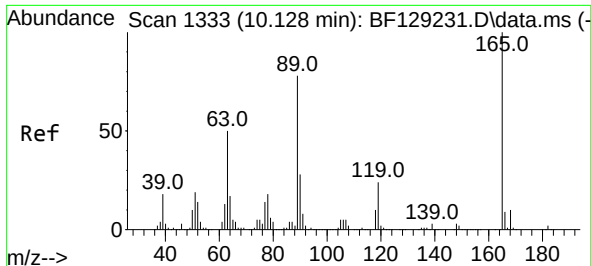


#56
4-Nitrophenol
Concen: 88.250 ng
RT: 10.057 min Scan# 1321
Delta R.T. 0.006 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02



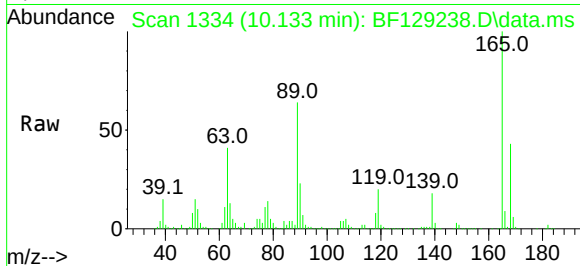
Tgt Ion:139 Resp: 661029
Ion Ratio Lower Upper
139 100
109 70.6 50.7 90.7
65 97.0 74.5 114.5





#57
2,4-Dinitrotoluene
Concen: 47.808 ng
RT: 10.133 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02

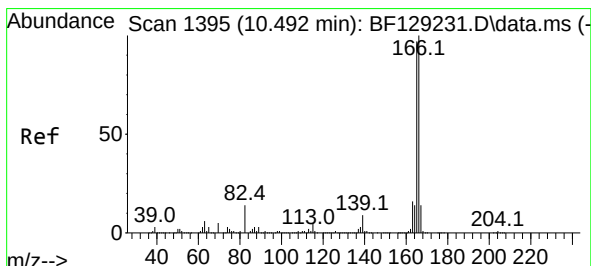
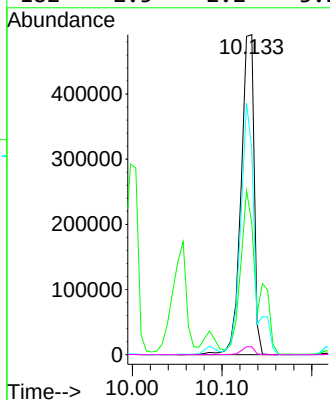
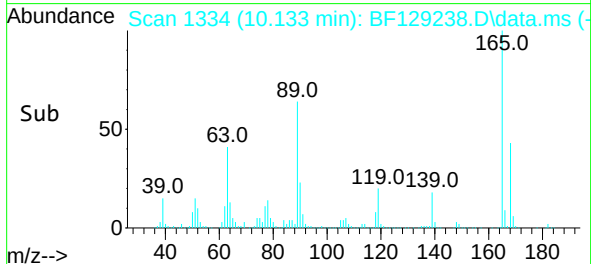
Instrument :
BNA_F
ClientSampleId :
PB146238BS



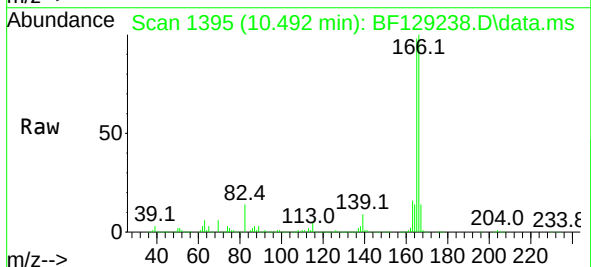
Tgt Ion:165 Resp: 49684
Ion Ratio Lower Upper
165 100
63 41.0 39.8 59.6
89 64.2 60.2 90.2
182 2.5 2.2 3.2

Manual Integrations
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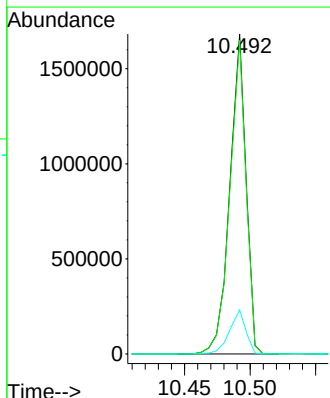
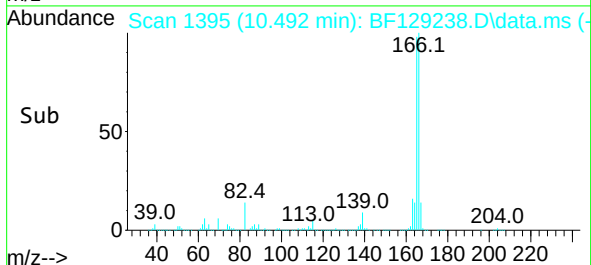
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

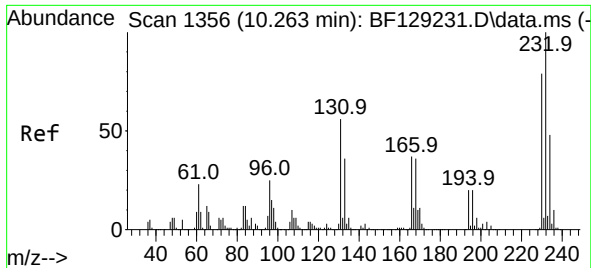


#58
Fluorene
Concen: 43.346 ng
RT: 10.492 min Scan# 1395
Delta R.T. -0.000 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02



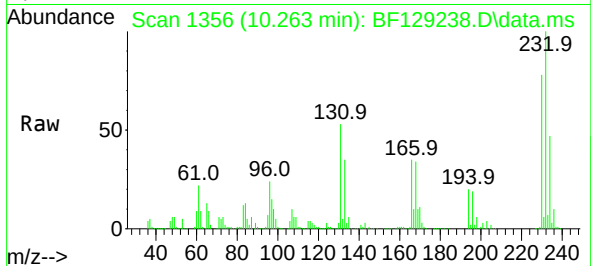
Tgt Ion:166 Resp: 1447739
Ion Ratio Lower Upper
166 100
165 98.0 78.1 117.1
167 13.8 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.239 ng
RT: 10.263 min Scan# 1356
Delta R.T. -0.000 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02

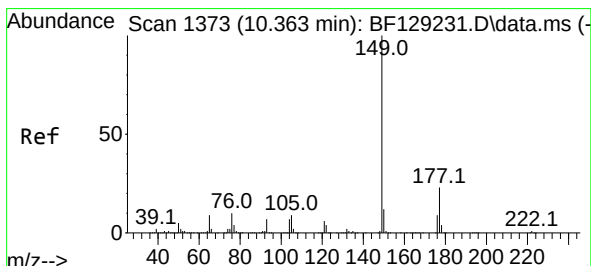
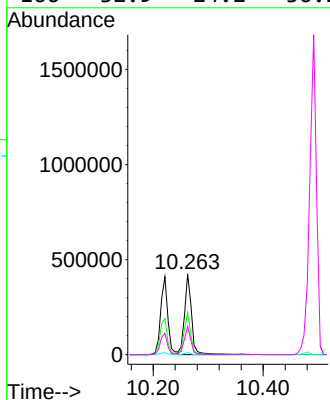
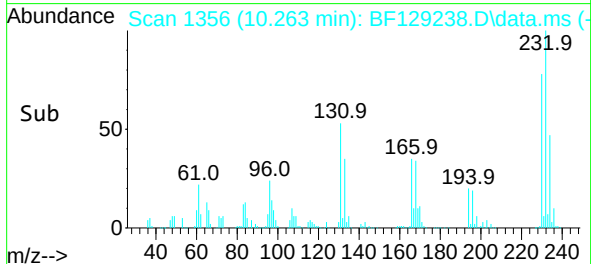
Instrument :
BNA_F
ClientSampleId :
PB146238BS



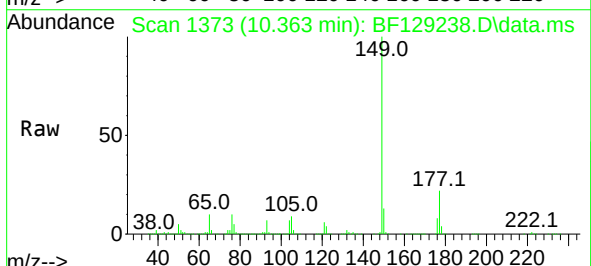
Tgt Ion:232 Resp: 373504
Ion Ratio Lower Upper
232 100
131 50.0 36.1 54.1
130 2.6 1.8 2.8
166 32.9 24.2 36.2

Manual Integrations
APPROVED

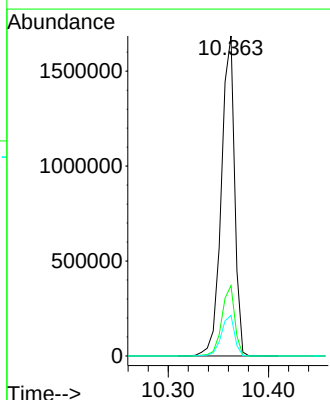
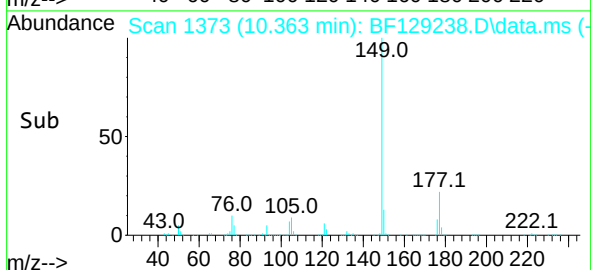
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

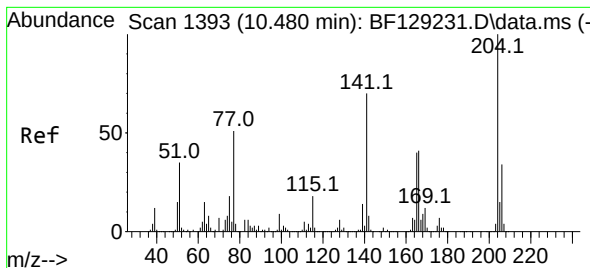


#60
Diethylphthalate
Concen: 43.539 ng
RT: 10.363 min Scan# 1373
Delta R.T. -0.000 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02



Tgt Ion:149 Resp: 1542064
Ion Ratio Lower Upper
149 100
177 22.0 17.3 25.9
150 12.6 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 41.940 ng
RT: 10.480 min Scan# 1393
Delta R.T. -0.000 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02

Instrument :

BNA_F

ClientSampleId :

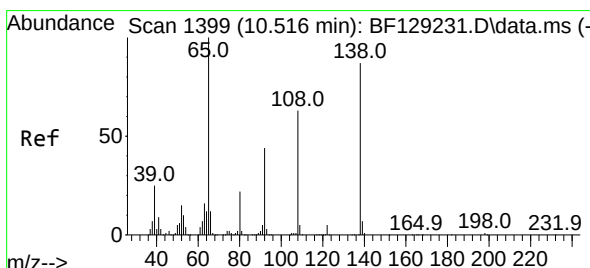
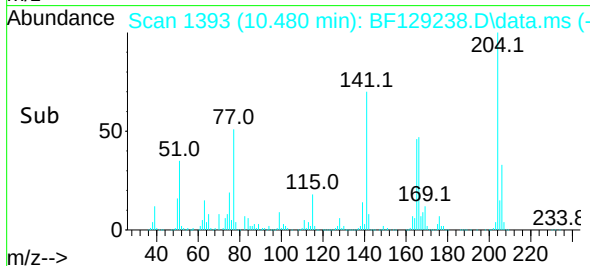
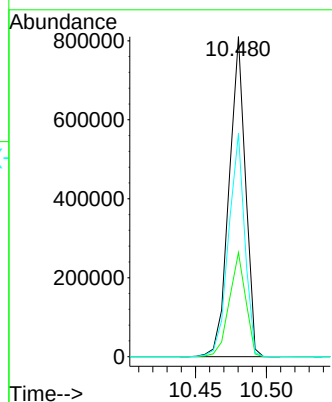
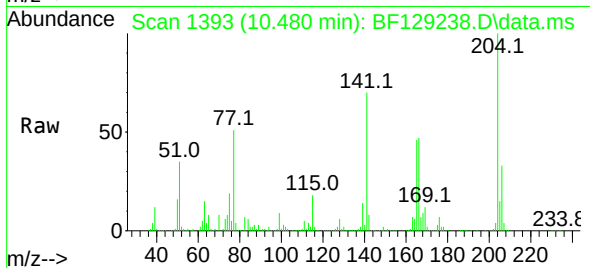
PB146238BS

Tgt Ion:204 Resp: 64889
Ion Ratio Lower Upper
204 100
206 32.6 25.8 38.6
141 69.7 47.0 70.4

Manual Integrations

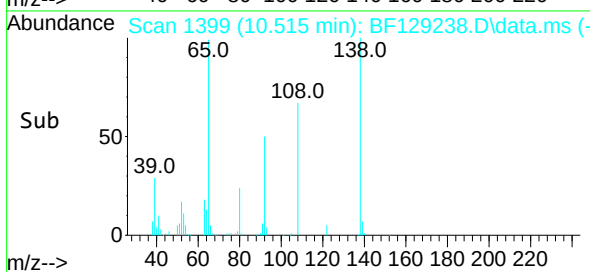
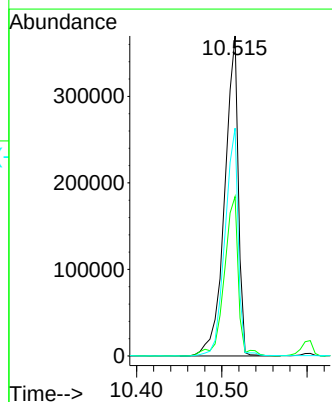
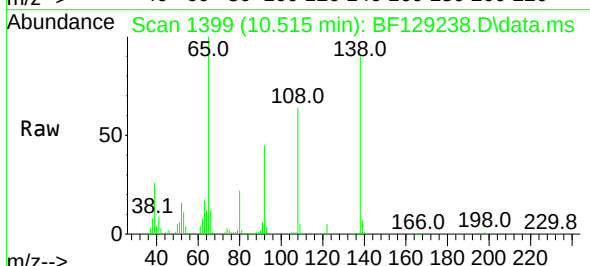
APPROVED

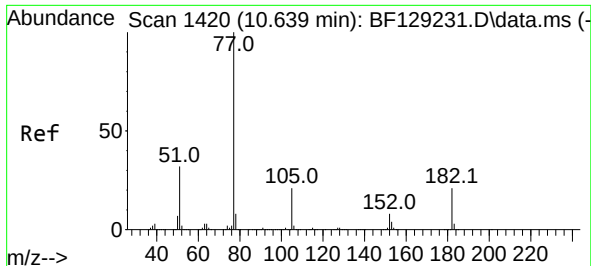
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#62
4-Nitroaniline
Concen: 43.884 ng
RT: 10.515 min Scan# 1399
Delta R.T. -0.000 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02

Tgt Ion:138 Resp: 411164
Ion Ratio Lower Upper
138 100
92 49.8 33.5 73.5
108 71.2 61.0 101.0





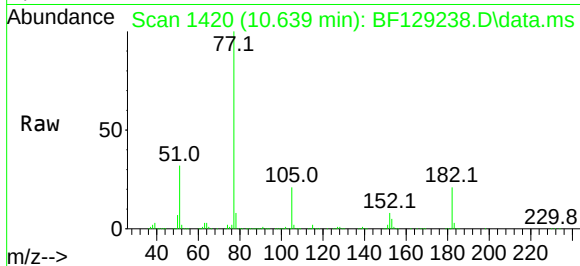
#63
Azobenzene
Concen: 43.006 ng
RT: 10.639 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02

Instrument :

BNA_F

ClientSampleId :

PB146238BS

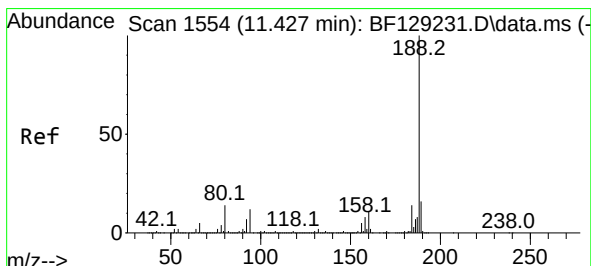
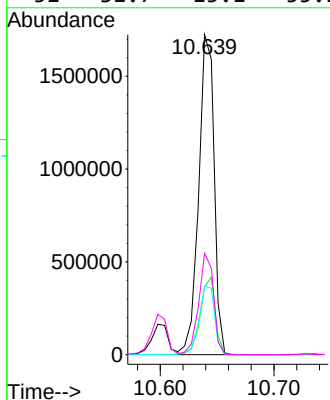
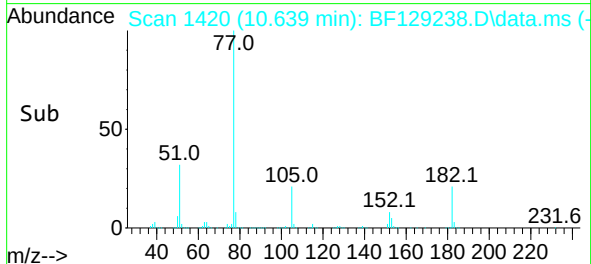


Tgt Ion: 77 Resp: 1625904
Ion Ratio Lower Upper
77 100
182 21.3 5.6 45.6
105 21.4 1.6 41.6
51 31.7 15.1 55.1

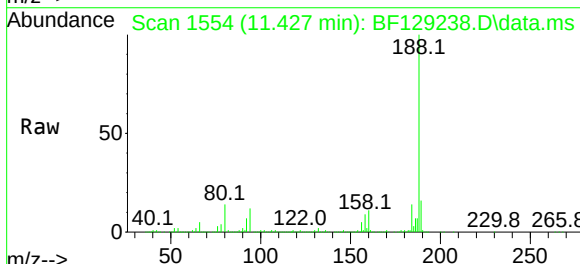
Manual Integrations

APPROVED

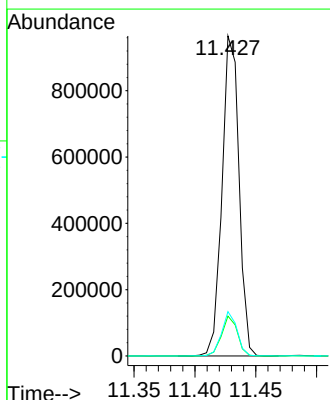
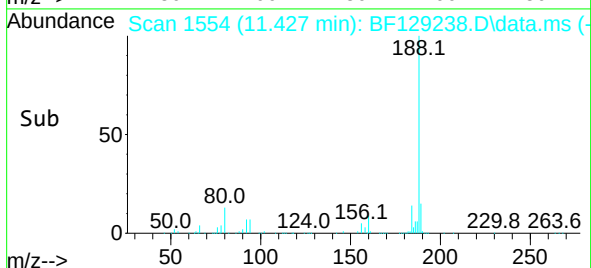
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

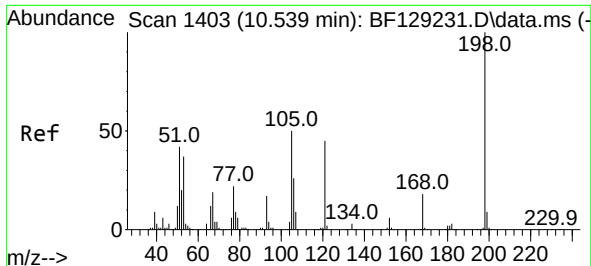


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1554
Delta R.T. -0.000 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02



Tgt Ion:188 Resp: 934911
Ion Ratio Lower Upper
188 100
94 12.4 7.0 10.6#
80 13.9 7.6 11.4#





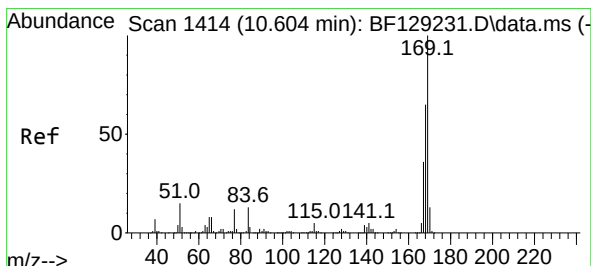
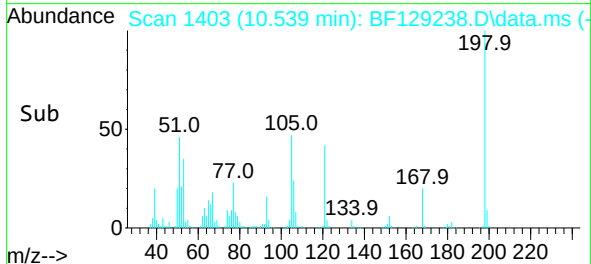
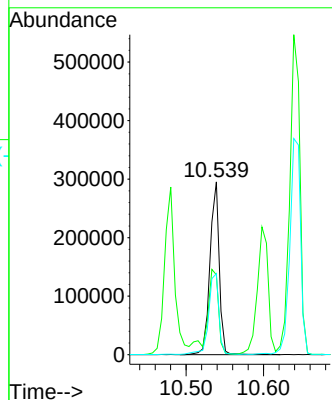
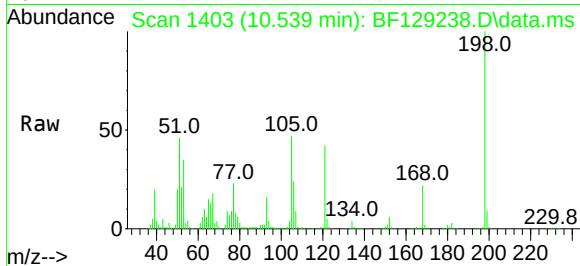
#65
4,6-Dinitro-2-methylphenol
Concen: 41.519 ng
RT: 10.539 min Scan# 1403
Delta R.T. -0.000 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02

Instrument :
BNA_F
ClientSampleId :
PB146238BS

Tgt Ion:198 Resp: 24525
Ion Ratio Lower Upper
198 100
51 46.2 37.6 77.6
105 46.9 27.0 67.0

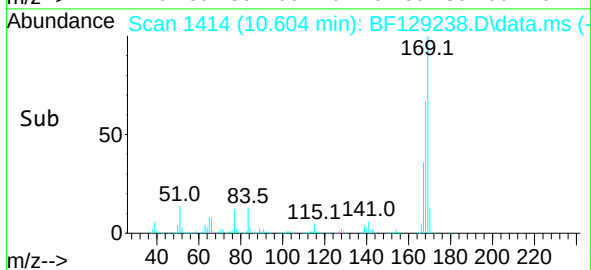
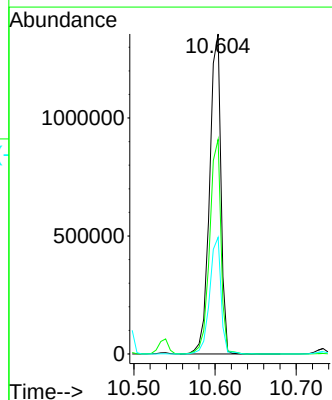
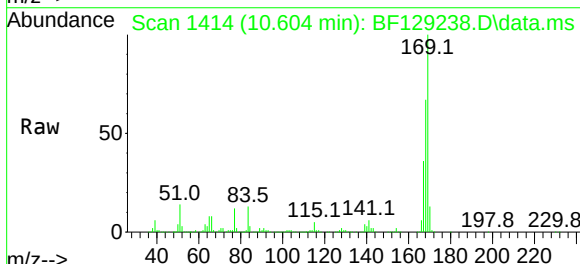
Manual Integrations
APPROVED

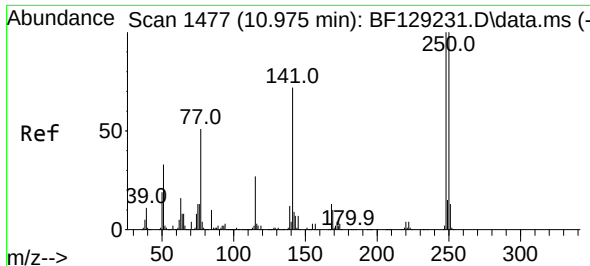
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#66
n-Nitrosodiphenylamine
Concen: 43.892 ng
RT: 10.604 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02

Tgt Ion:169 Resp: 1309250
Ion Ratio Lower Upper
169 100
168 67.1 50.1 75.1
167 36.4 27.9 41.9





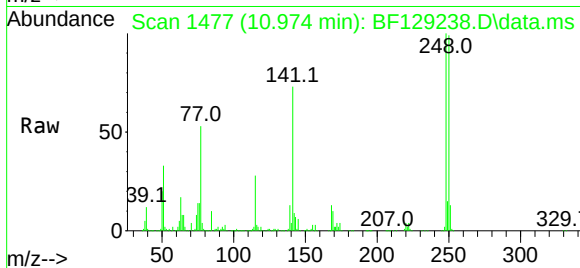
#67
4-Bromophenyl-phenylether
Concen: 42.573 ng
RT: 10.974 min Scan# 1477
Delta R.T. -0.000 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02

Instrument :

BNA_F

ClientSampleId :

PB146238BS

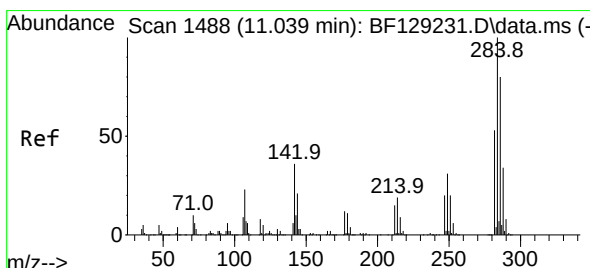
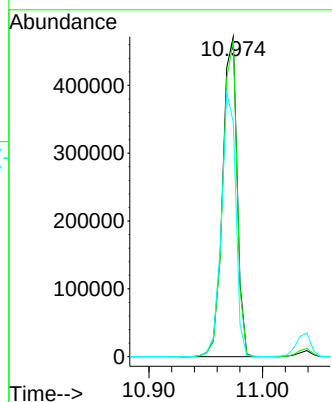
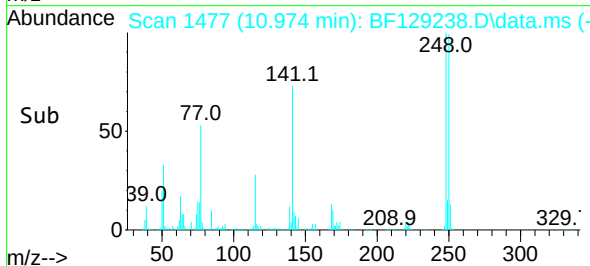


Tgt Ion:248 Resp: 41898
Ion Ratio Lower Upper
248 100
250 98.6 80.6 120.8
141 73.2 58.9 88.3

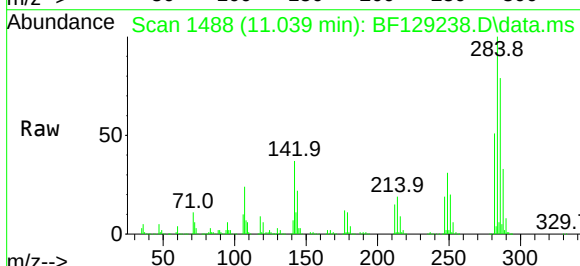
Manual Integrations

APPROVED

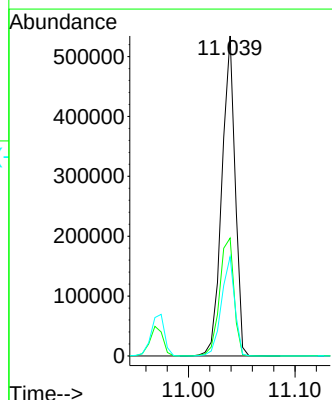
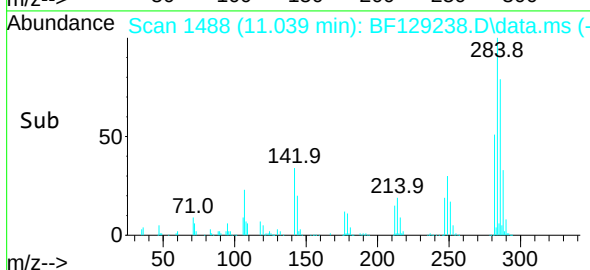
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

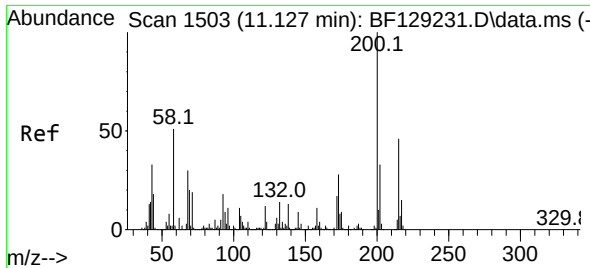


#68
Hexachlorobenzene
Concen: 44.657 ng
RT: 11.039 min Scan# 1488
Delta R.T. -0.000 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02



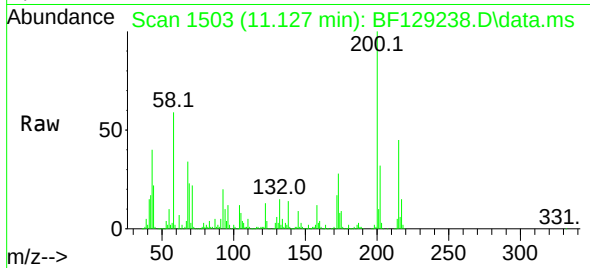
Tgt Ion:284 Resp: 461332
Ion Ratio Lower Upper
284 100
142 36.8 29.0 43.4
249 31.0 25.0 37.6





#69
Atrazine
Concen: 51.445 ng
RT: 11.127 min Scan# 111
Delta R.T. -0.000 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02

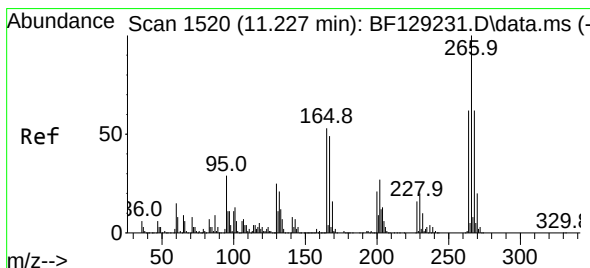
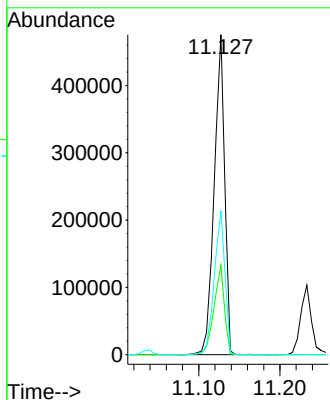
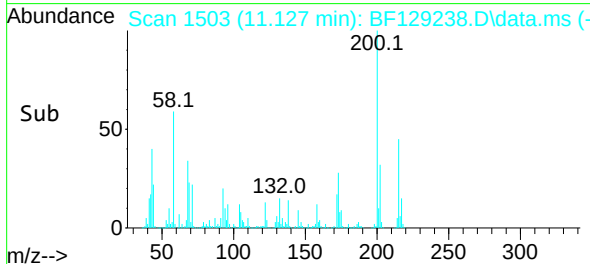
Instrument :
BNA_F
ClientSampleId :
PB146238BS



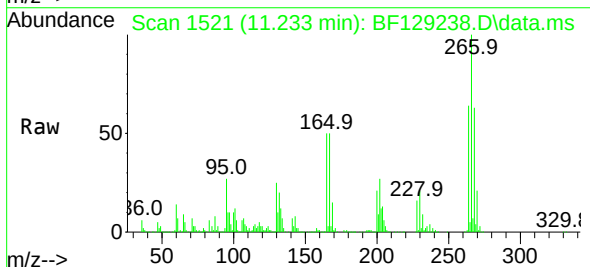
Tgt Ion:200 Resp: 425423
Ion Ratio Lower Upper
200 100
173 28.0 6.3 46.3
215 45.1 28.3 68.3

Manual Integrations
APPROVED

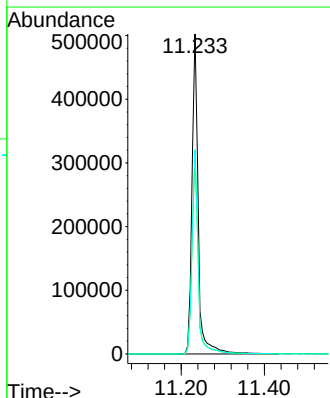
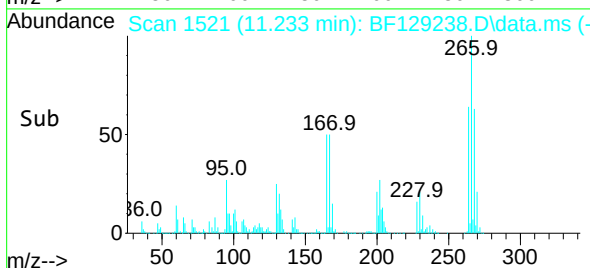
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

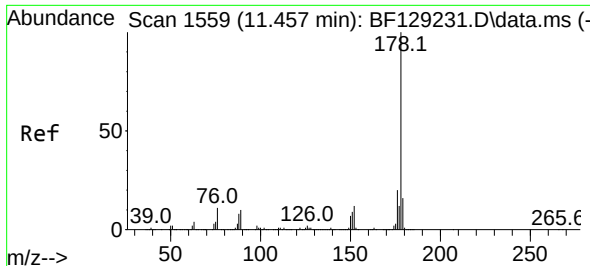


#70
Pentachlorophenol
Concen: 84.861 ng
RT: 11.233 min Scan# 1521
Delta R.T. 0.006 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02



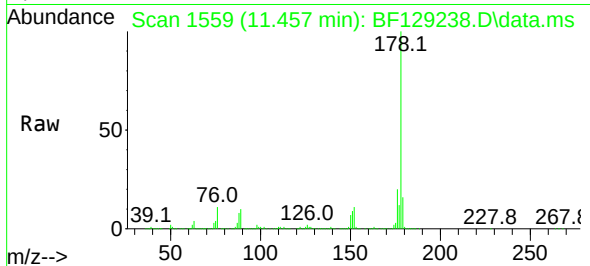
Tgt Ion:266 Resp: 521301
Ion Ratio Lower Upper
266 100
268 62.7 51.0 76.4
264 63.8 49.4 74.2





#71
Phenanthrene
Concen: 43.503 ng
RT: 11.457 min Scan# 1559
Delta R.T. -0.000 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02

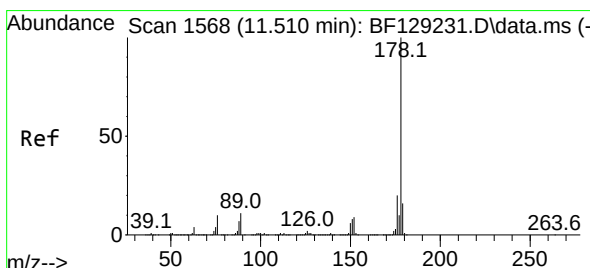
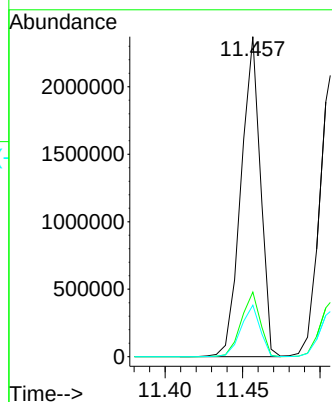
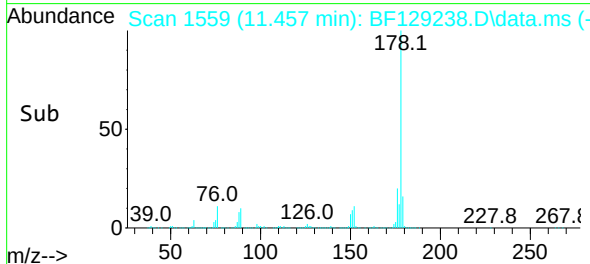
Instrument :
BNA_F
ClientSampleId :
PB146238BS



Tgt Ion:178 Resp: 2064940
Ion Ratio Lower Upper
178 100
176 20.2 16.0 24.0
179 16.1 12.6 19.0

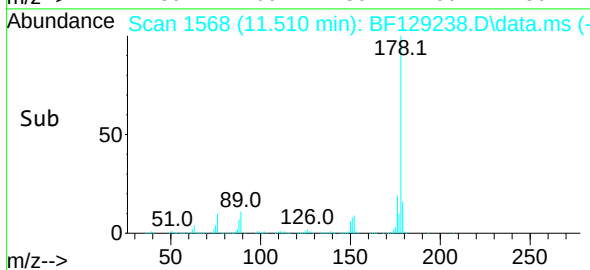
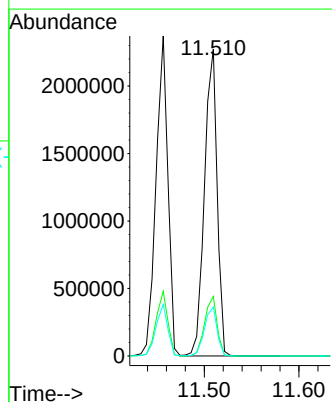
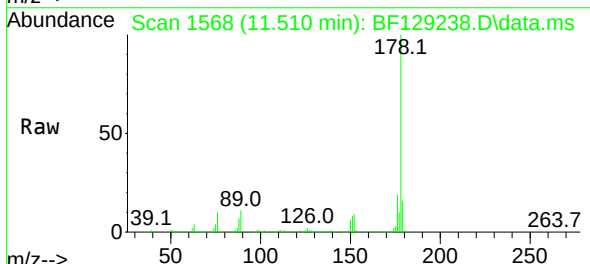
Manual Integrations
APPROVED

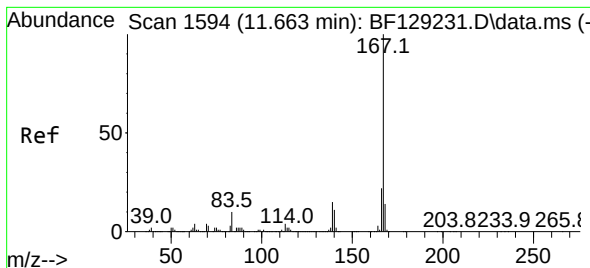
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#72
Anthracene
Concen: 44.667 ng
RT: 11.510 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02

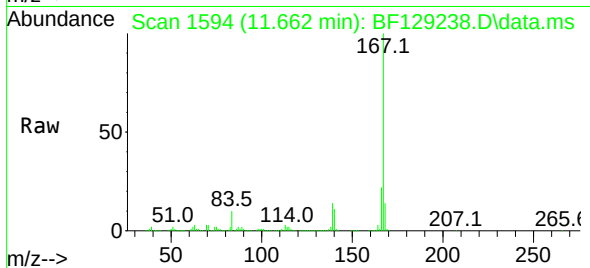
Tgt Ion:178 Resp: 2106072
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 16.0 12.6 19.0





#73
 Carbazole
 Concen: 42.916 ng
 RT: 11.662 min Scan# 1594
 Delta R.T. -0.000 min
 Lab File: BF129238.D
 Acq: 15 Jul 2022 15:02

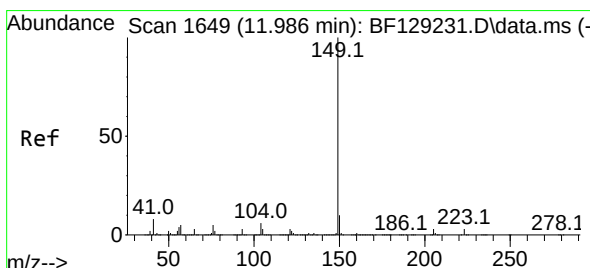
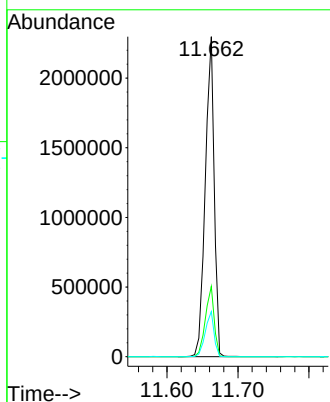
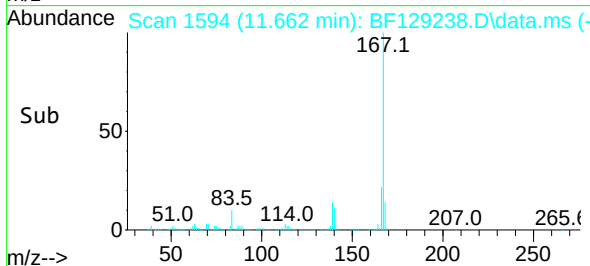
Instrument :
 BNA_F
 ClientSampleId :
 PB146238BS



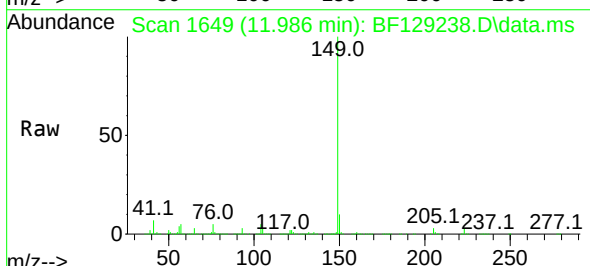
Tgt Ion:167 Resp: 201840
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.7 26.5
 139 14.1 11.2 16.8

Manual Integrations
 APPROVED

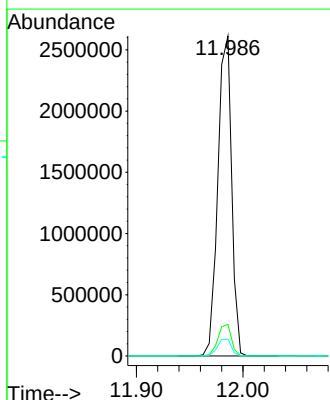
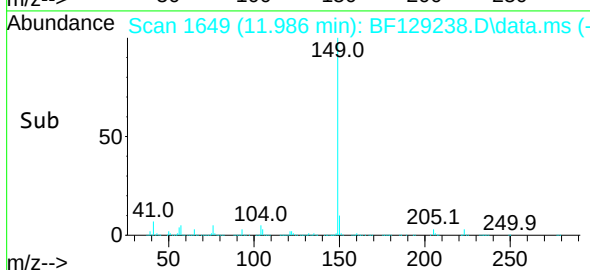
Reviewed By :Christian Giraldo 07/18/2022
 Supervised By :Jagrut Upadhyay 07/18/2022

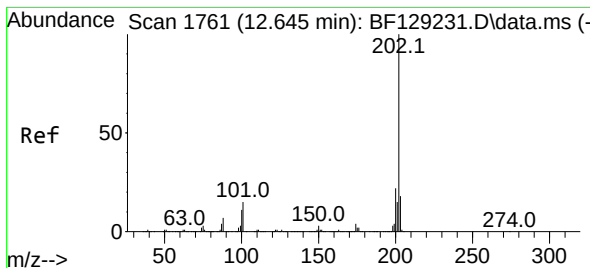


#74
 Di-n-butylphthalate
 Concen: 43.396 ng
 RT: 11.986 min Scan# 1649
 Delta R.T. -0.000 min
 Lab File: BF129238.D
 Acq: 15 Jul 2022 15:02



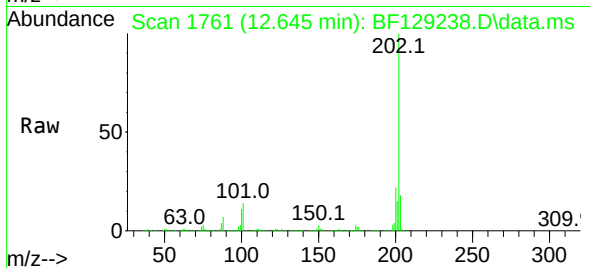
Tgt Ion:149 Resp: 2345526
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.5 11.3
 104 5.3 4.4 6.6





#75
Fluoranthene
Concen: 44.668 ng
RT: 12.645 min Scan# 1761
Delta R.T. -0.000 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02

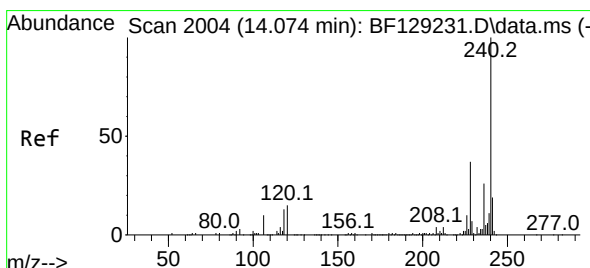
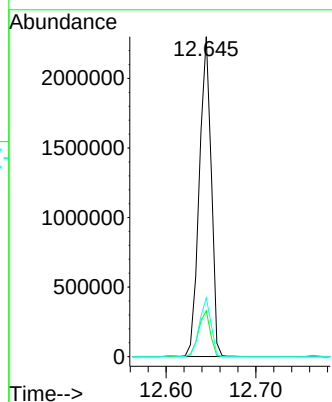
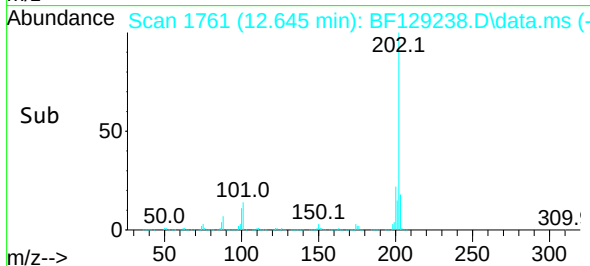
Instrument :
BNA_F
ClientSampleId :
PB146238BS



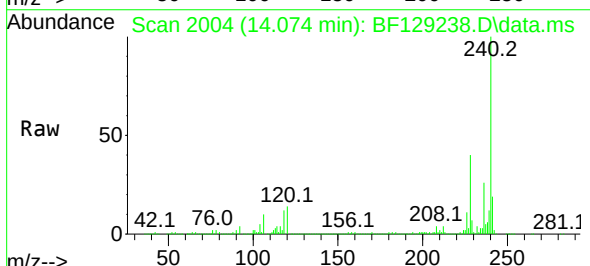
Tgt Ion:202 Resp: 211162
Ion Ratio Lower Upper
202 100
101 14.4 0.0 31.4
203 18.4 0.0 38.0

Manual Integrations
APPROVED

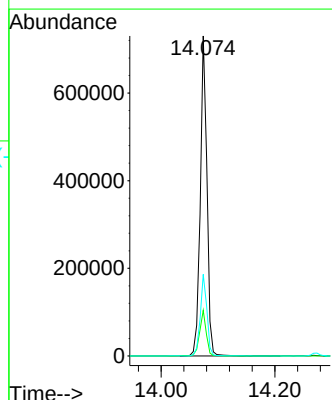
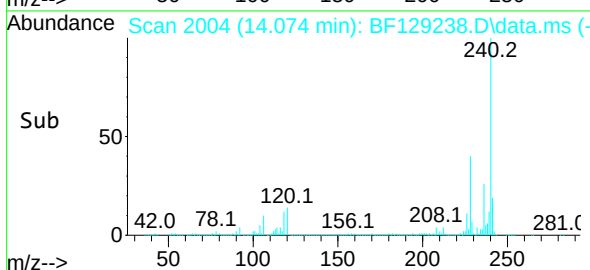
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

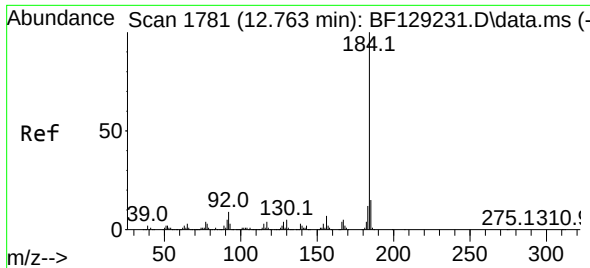


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02



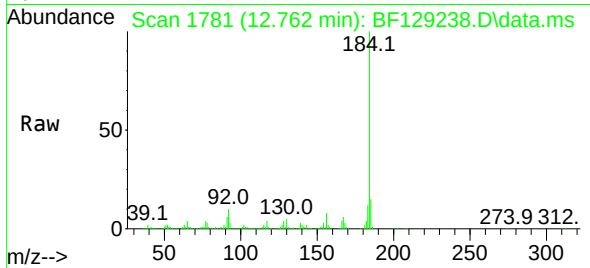
Tgt Ion:240 Resp: 596868
Ion Ratio Lower Upper
240 100
120 14.2 8.9 13.3#
236 25.5 20.8 31.2





#77
Benzidine
Concen: 58.022 ng
RT: 12.762 min Scan# 1781
Delta R.T. -0.000 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02

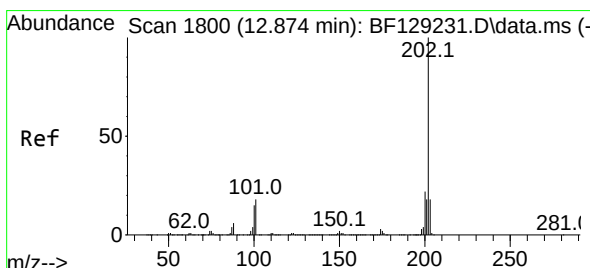
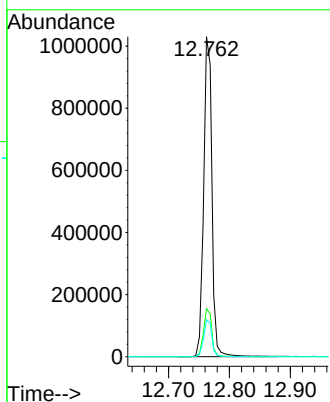
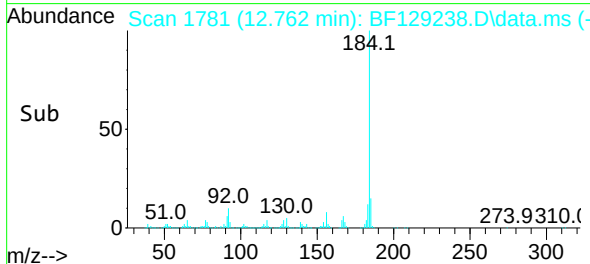
Instrument :
BNA_F
ClientSampleId :
PB146238BS



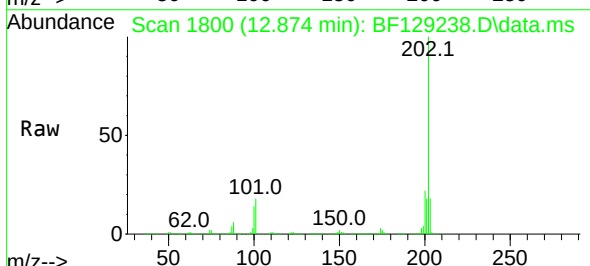
Tgt Ion:184 Resp: 969389
Ion Ratio Lower Upper
184 100
185 15.0 11.9 17.9
183 11.6 9.3 13.9

Manual Integrations
APPROVED

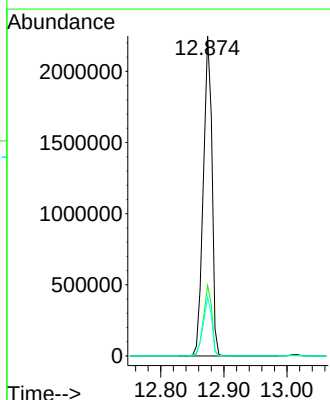
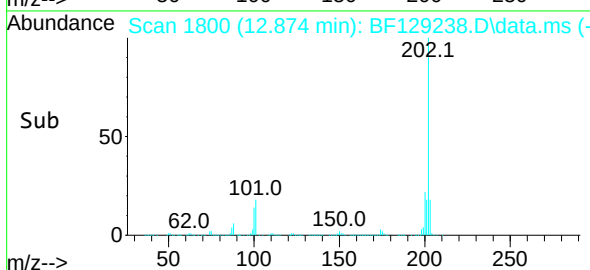
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

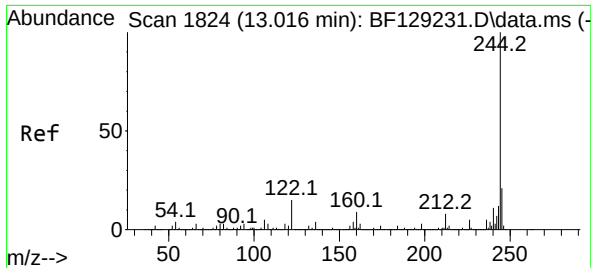


#78
Pyrene
Concen: 44.330 ng
RT: 12.874 min Scan# 1800
Delta R.T. -0.000 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02



Tgt Ion:202 Resp: 2143054
Ion Ratio Lower Upper
202 100
200 22.1 17.7 26.5
203 18.3 14.6 21.8





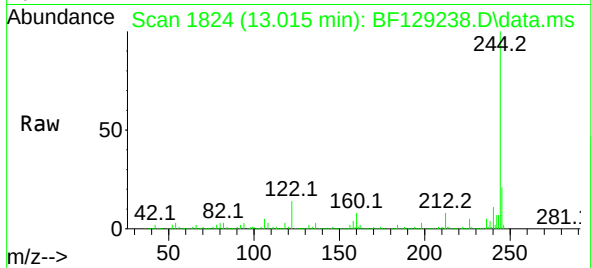
#79
 Terphenyl-d14
 Concen: 83.364 ng
 RT: 13.015 min Scan# 1824
 Delta R.T. -0.000 min
 Lab File: BF129238.D
 Acq: 15 Jul 2022 15:02

Instrument :

BNA_F

ClientSampleId :

PB146238BS

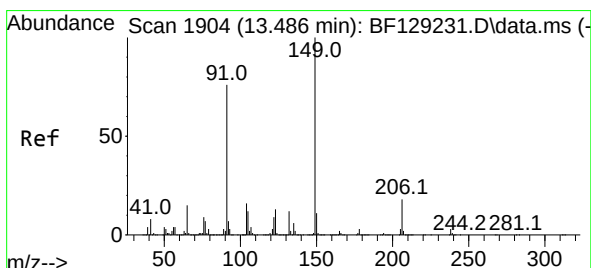
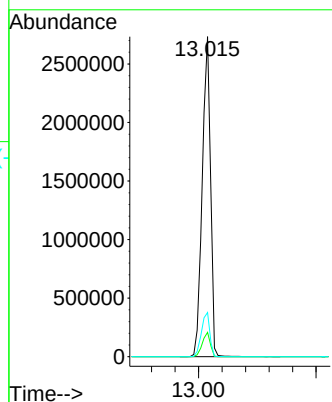
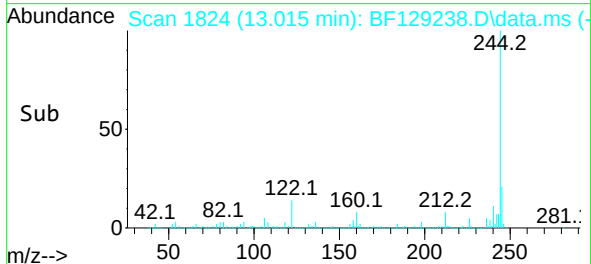


Tgt Ion:244 Resp: 2659820
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 13.8 8.8 13.2

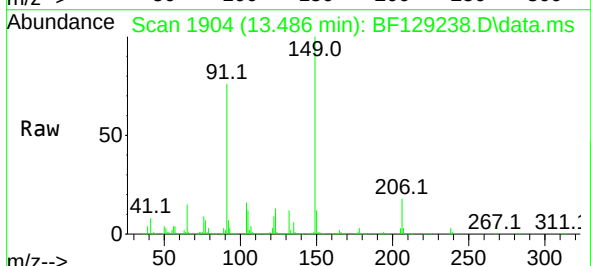
Manual Integrations

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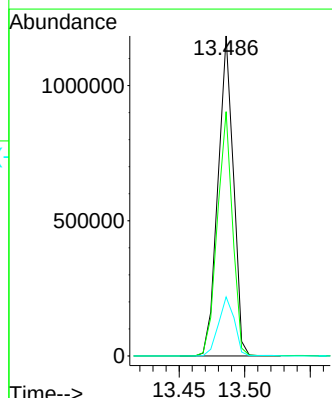
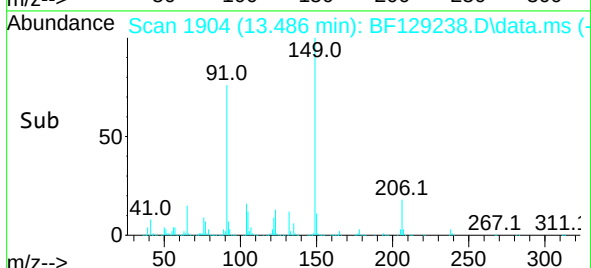
Reviewed By :Christian Giraldo 07/18/2022
 Supervised By :Jagrut Upadhyay 07/18/2022

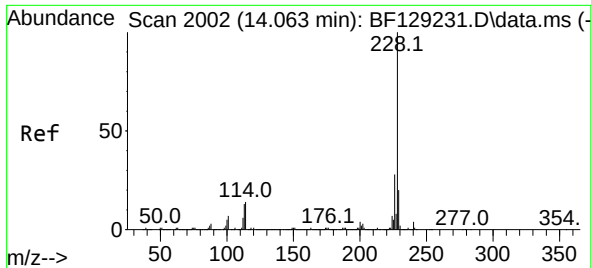


#80
 Butylbenzylphthalate
 Concen: 44.877 ng
 RT: 13.486 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: BF129238.D
 Acq: 15 Jul 2022 15:02



Tgt Ion:149 Resp: 966333
 Ion Ratio Lower Upper
 149 100
 91 76.3 61.2 91.8
 206 18.4 15.7 23.5





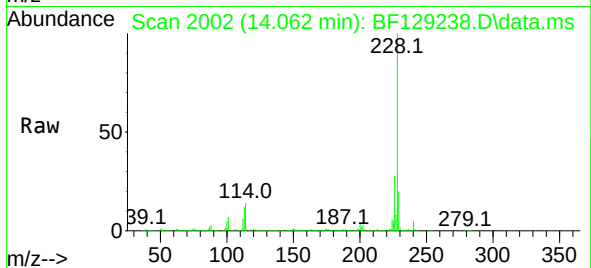
#81
Benzo(a)anthracene
Concen: 44.157 ng
RT: 14.062 min Scan# 2002
Delta R.T. -0.000 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02

Instrument :

BNA_F

ClientSampleId :

PB146238BS

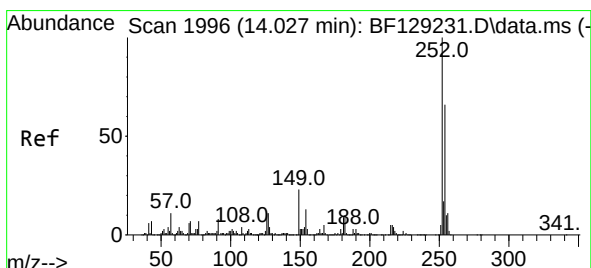
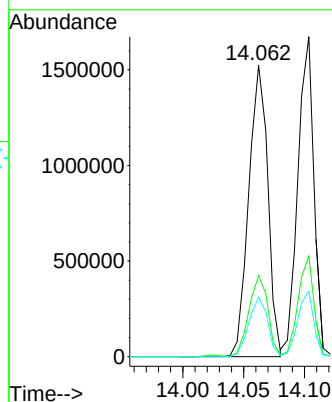
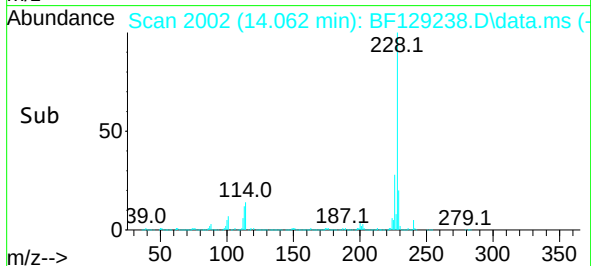


Tgt Ion:228 Resp: 166244
Ion Ratio Lower Upper
228 100
226 27.8 22.1 33.1
229 20.4 15.8 23.8

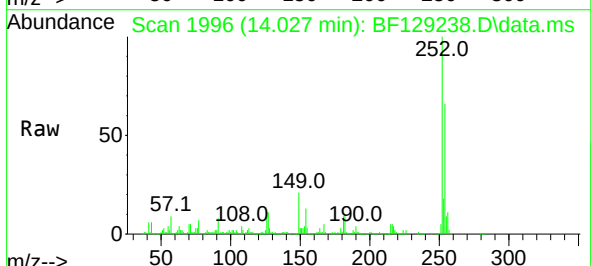
Manual Integrations

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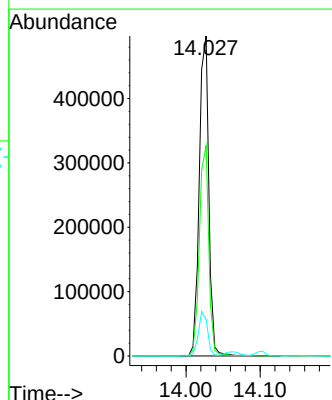
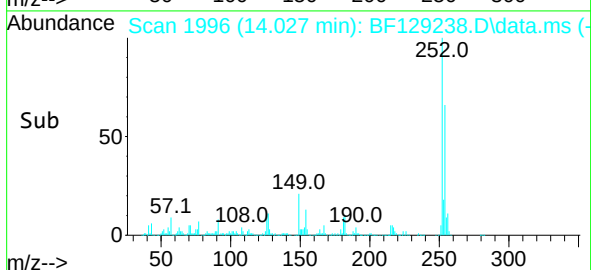
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

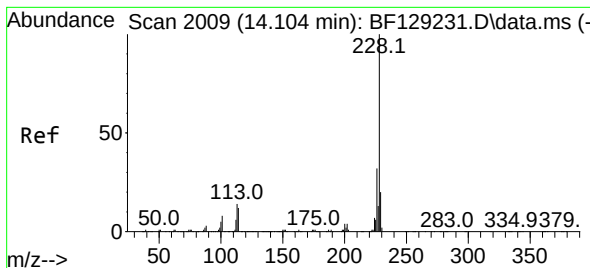


#82
3,3'-Dichlorobenzidine
Concen: 47.022 ng
RT: 14.027 min Scan# 1996
Delta R.T. -0.000 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02



Tgt Ion:252 Resp: 442848
Ion Ratio Lower Upper
252 100
254 65.7 50.2 75.4
126 11.4 8.2 12.4





#83

Chrysene

Concen: 43.027 ng

RT: 14.103 min Scan# 2009

Delta R.T. -0.000 min

Lab File: BF129238.D

Acq: 15 Jul 2022 15:02

Instrument :

BNA_F

ClientSampleId :

PB146238BS

Tgt Ion:228 Resp: 1546218

Ion Ratio Lower Upper

228 100

226 31.5 24.3 36.5

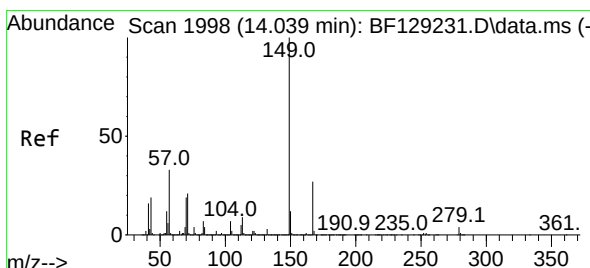
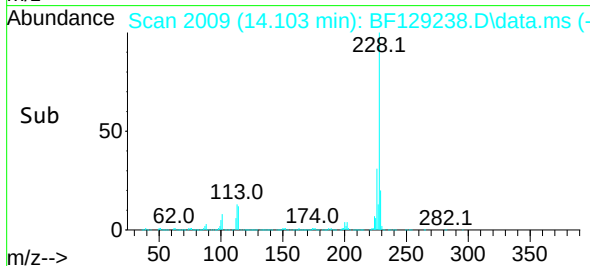
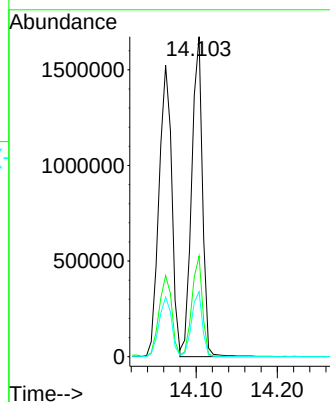
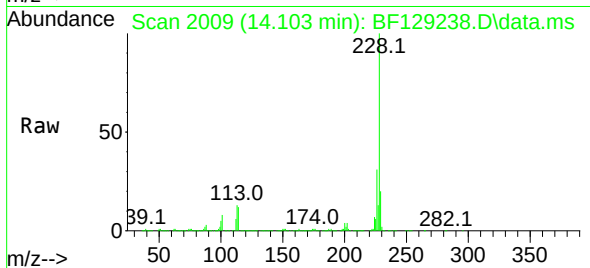
229 20.3 15.9 23.9

Manual Integrations

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Reviewed By :Christian Giraldo 07/18/2022

Supervised By :Jagrut Upadhyay 07/18/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.261 ng

RT: 14.039 min Scan# 1998

Delta R.T. -0.000 min

Lab File: BF129238.D

Acq: 15 Jul 2022 15:02

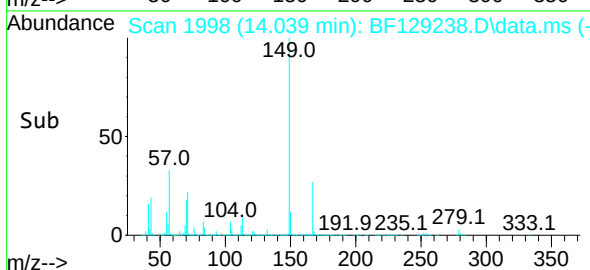
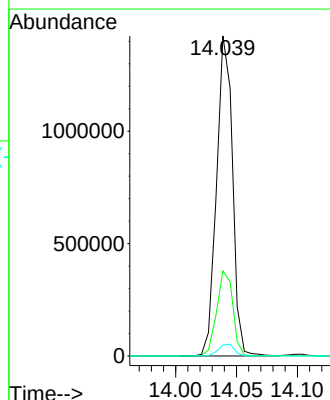
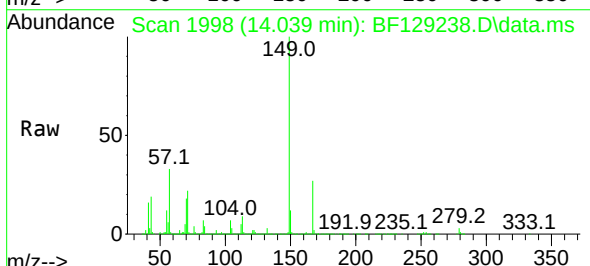
Tgt Ion:149 Resp: 1296839

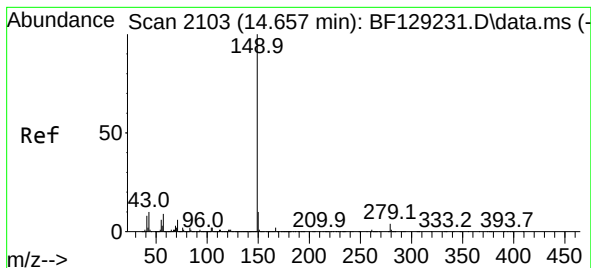
Ion Ratio Lower Upper

149 100

167 26.5 21.0 31.4

279 3.4 3.1 4.7





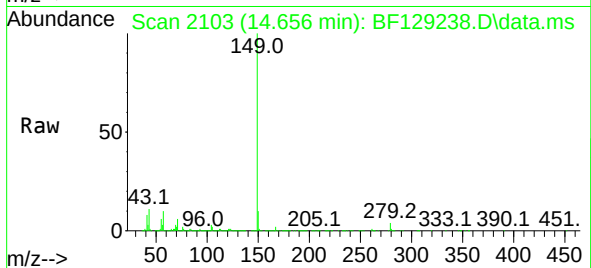
#85
Di-n-octyl phthalate
Concen: 44.265 ng
RT: 14.656 min Scan# 2103
Delta R.T. -0.000 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02

Instrument :

BNA_F

ClientSampleId :

PB146238BS

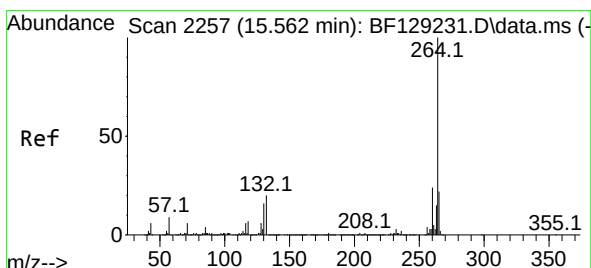
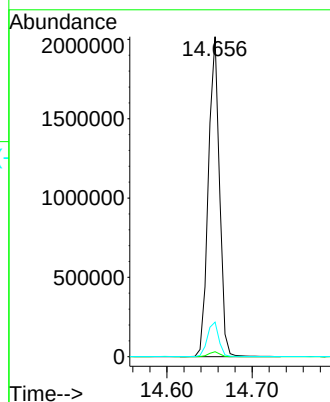
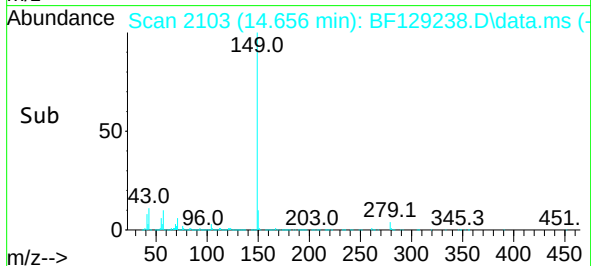


Tgt Ion:149 Resp: 181908
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 11.1 9.2 13.8

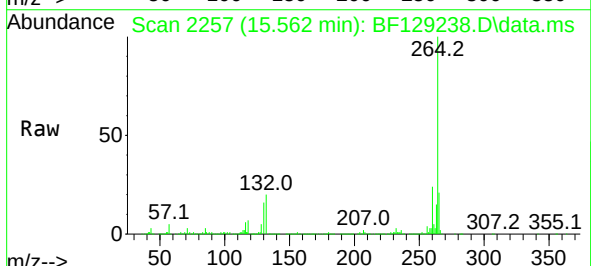
Manual Integrations

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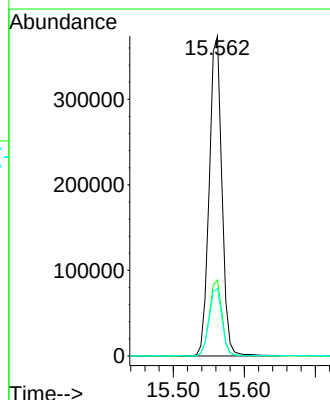
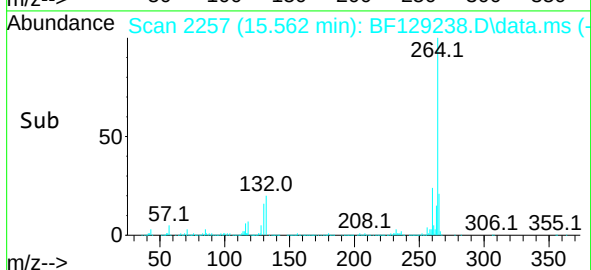
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

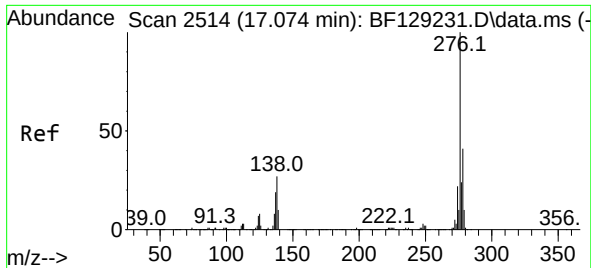


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2257
Delta R.T. -0.000 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02



Tgt Ion:264 Resp: 463817
Ion Ratio Lower Upper
264 100
260 23.7 18.4 27.6
265 21.2 17.2 25.8





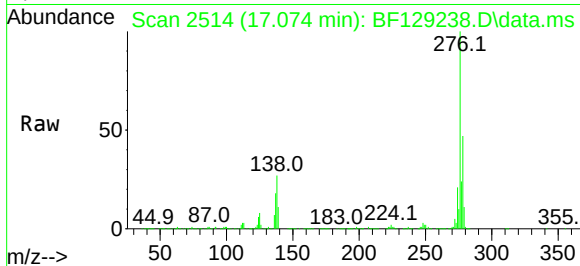
#87
Indeno(1,2,3-cd)pyrene
Concen: 46.069 ng
RT: 17.074 min Scan# 2182
Delta R.T. -0.000 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02

Instrument :

BNA_F

ClientSampleId :

PB146238BS

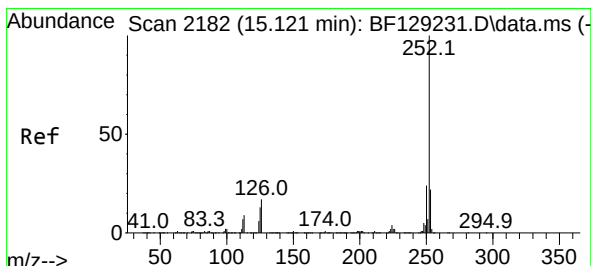
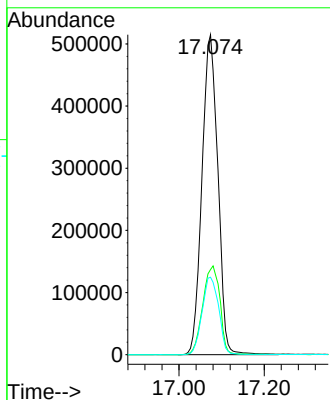
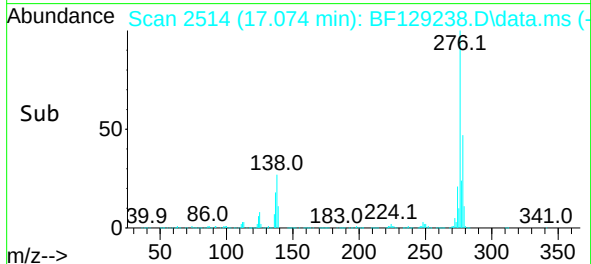


Tgt Ion:276 Resp: 133240
Ion Ratio Lower Upper
276 100
138 29.9 21.1 31.7
277 25.4 20.3 30.5

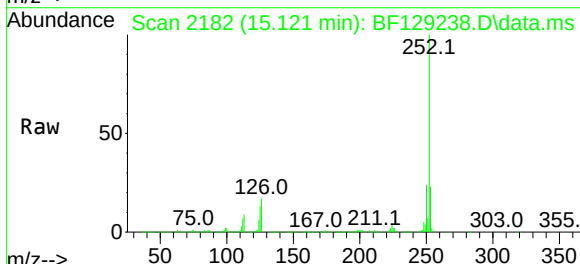
Manual Integrations

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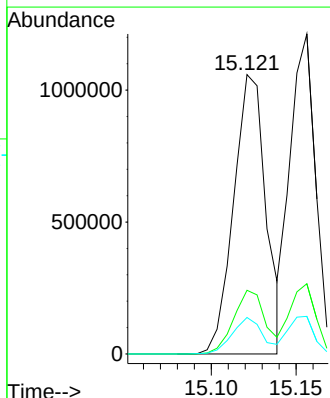
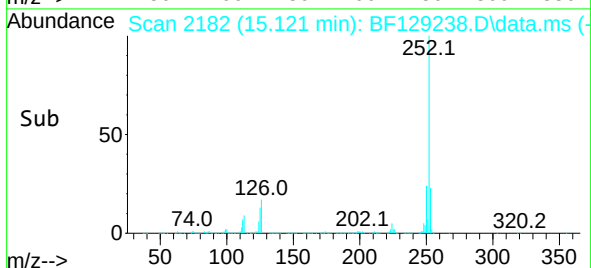
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

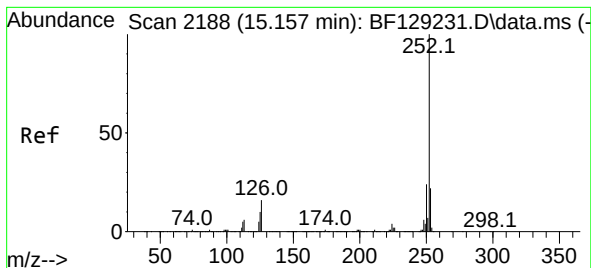


#88
Benzo(b)fluoranthene
Concen: 49.419 ng m
RT: 15.121 min Scan# 2182
Delta R.T. -0.000 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02



Tgt Ion:252 Resp: 1408132
Ion Ratio Lower Upper
252 100
253 22.8 17.7 26.5
125 13.0 8.0 12.0#





#89

Benzo(k)fluoranthene

Concen: 45.897 ng

RT: 15.156 min Scan# 2188

Delta R.T. -0.000 min

Lab File: BF129238.D

Acq: 15 Jul 2022 15:02

Instrument :

BNA_F

ClientSampleId :

PB146238BS

Tgt Ion:252 Resp: 1277720

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

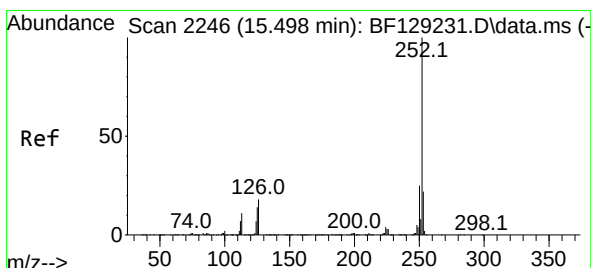
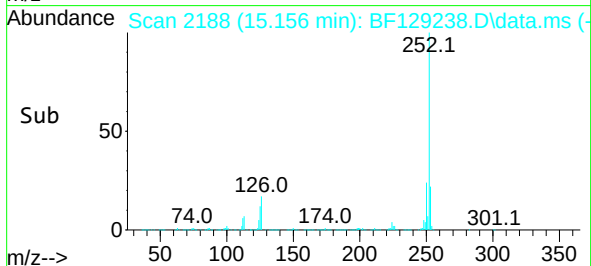
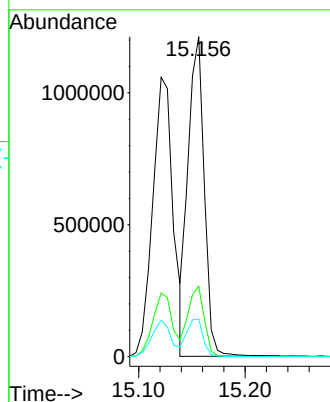
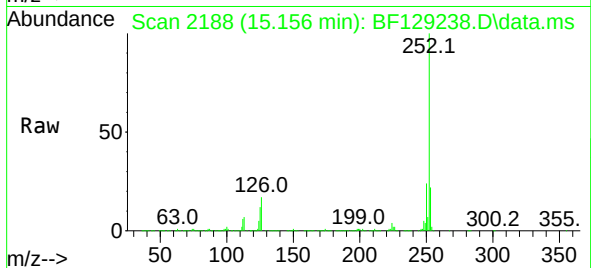
125 11.8 8.3 12.5

Manual Integrations

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Reviewed By :Christian Giraldo 07/18/2022

Supervised By :Jagrut Upadhyay 07/18/2022



#90

Benzo(a)pyrene

Concen: 49.816 ng

RT: 15.498 min Scan# 2246

Delta R.T. -0.000 min

Lab File: BF129238.D

Acq: 15 Jul 2022 15:02

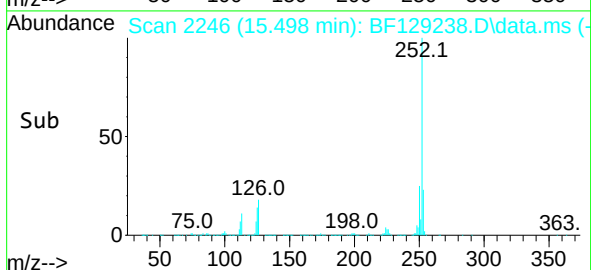
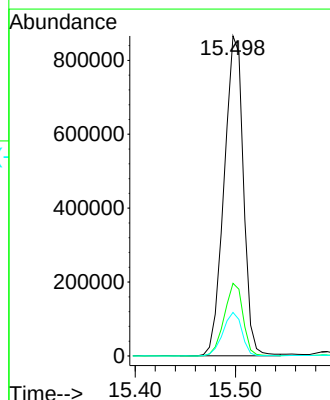
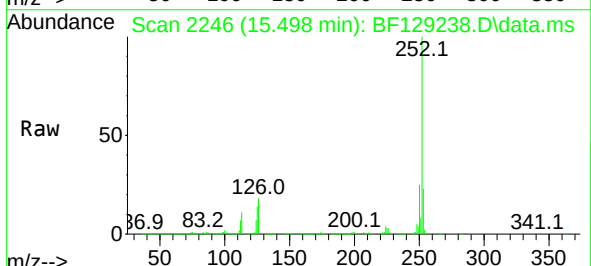
Tgt Ion:252 Resp: 1155548

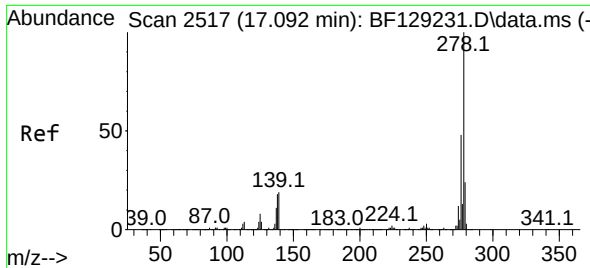
Ion Ratio Lower Upper

252 100

253 22.7 17.0 25.6

125 13.6 8.8 13.2#





#91
Dibenzo(a,h)anthracene
Concen: 48.839 ng
RT: 17.092 min Scan# 2517
Delta R.T. -0.000 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02

Instrument :

BNA_F

ClientSampleId :

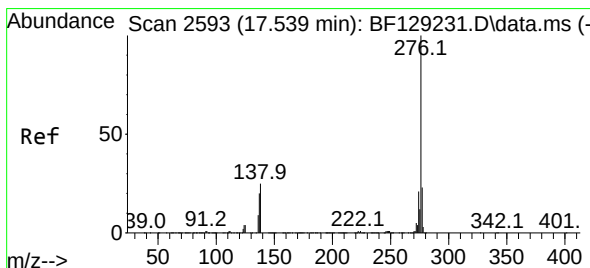
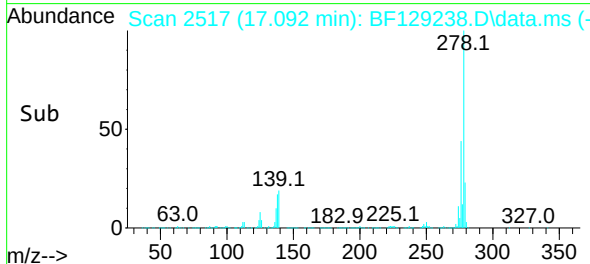
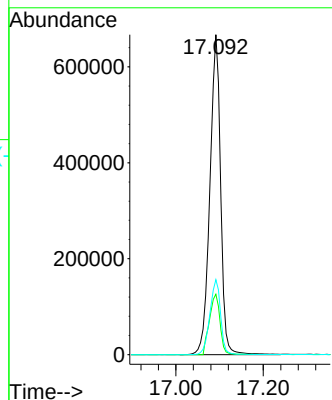
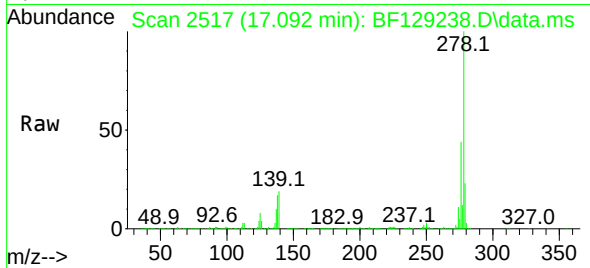
PB146238BS

Tgt Ion:278 Resp: 114253
Ion Ratio Lower Upper
278 100
139 18.9 12.8 19.2
279 23.5 18.6 28.0

Manual Integrations

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Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#92
Benzo(g,h,i)perylene
Concen: 49.713 ng
RT: 17.539 min Scan# 2593
Delta R.T. -0.000 min
Lab File: BF129238.D
Acq: 15 Jul 2022 15:02

Tgt Ion:276 Resp: 1188821
Ion Ratio Lower Upper
276 100
277 23.2 19.1 28.7
138 24.2 18.0 27.0

