

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100622\
 Data File : BF130548.D
 Acq On : 06 Oct 2022 13:21
 Operator : CG\JU
 Sample : PB148116BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148116BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 10/07/2022
 Supervised By : Jagrut Upadhyay 10/10/2022

Quant Time: Oct 07 02:09:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 07 02:06:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.616	152	89994	20.000	ng	0.00
21) Naphthalene-d8	7.904	136	370120	20.000	ng	0.00
39) Acenaphthene-d10	9.651	164	196683	20.000	ng	0.00
64) Phenanthrene-d10	11.133	188	323951	20.000	ng	0.00
76) Chrysene-d12	13.763	240	154768	20.000	ng	0.00
86) Perylene-d12	15.145	264	155935	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.234	112	744616	143.511	ng	0.02
7) Phenol-d6	6.275	99	911635	140.422	ng	0.00
23) Nitrobenzene-d5	7.193	82	582921	80.462	ng	0.00
42) 2,4,6-Tribromophenol	10.445	330	279896	148.518	ng	0.00
45) 2-Fluorobiphenyl	8.981	172	1138988	84.328	ng	0.00
79) Terphenyl-d14	12.722	244	1000654	107.101	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.281	88	79795	33.486	ng	98
3) Pyridine	2.952	79	206946	33.292	ng	98
4) n-Nitrosodimethylamine	2.910	42	131447	38.880	ng	96
6) Aniline	6.287	93	334245	41.785	ng	# 18
8) 2-Chlorophenol	6.404	128	289472	48.976	ng	95
9) Benzaldehyde	6.169	77	171363	39.406	ng	94
10) Phenol	6.287	94	347956	45.735	ng	76
11) bis(2-Chloroethyl)ether	6.363	93	256620	46.763	ng	96
12) 1,3-Dichlorobenzene	6.557	146	300445	46.198	ng	98
13) 1,4-Dichlorobenzene	6.634	146	305432	46.054	ng	98
14) 1,2-Dichlorobenzene	6.787	146	290088	46.824	ng	99
15) Benzyl Alcohol	6.775	79	223703	43.460	ng	95
16) 2,2'-oxybis(1-Chloropr...	6.904	45	334846	41.836	ng	86
17) 2-Methylphenol	6.893	107	230131	47.897	ng	96
18) Hexachloroethane	7.128	117	117170	44.820	ng	96
19) n-Nitroso-di-n-propyla...	7.045	70	198768	45.373	ng	94
20) 3+4-Methylphenols	7.045	107	293040	46.950	ng	# 72
22) Acetophenone	7.040	105	406629	44.937	ng	# 93
24) Nitrobenzene	7.210	77	301437	40.977	ng	97
25) Isophorone	7.451	82	535744	45.881	ng	98
26) 2-Nitrophenol	7.522	139	152894	50.702	ng	94
27) 2,4-Dimethylphenol	7.575	122	243315	52.403	ng	93
28) bis(2-Chloroethoxy)met...	7.663	93	326878	49.715	ng	99
29) 2,4-Dichlorophenol	7.769	162	238279	46.830	ng	97
30) 1,2,4-Trichlorobenzene	7.845	180	243829	44.324	ng	96
31) Naphthalene	7.928	128	826965	43.369	ng	99
32) Benzoic acid	7.728	122	122857	34.216	ng	99
33) 4-Chloroaniline	7.981	127	260484	35.918	ng	98
34) Hexachlorobutadiene	8.040	225	155267	44.164	ng	99
35) Caprolactam	8.363	113	75330m	51.643	ng	
36) 4-Chloro-3-methylphenol	8.475	107	261344	46.339	ng	98
37) 2-Methylnaphthalene	8.616	142	548757	45.137	ng	100
38) 1-Methylnaphthalene	8.716	142	517238	44.287	ng	99
40) 1,2,4,5-Tetrachloroben...	8.781	216	249101	46.408	ng	99
41) Hexachlorocyclopentadiene	8.769	237	245408	85.396	ng	100
43) 2,4,6-Trichlorophenol	8.898	196	164050	43.792	ng	95

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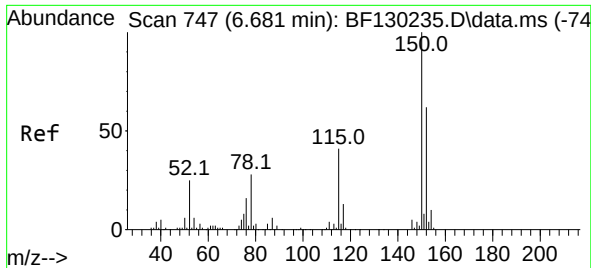
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.945	196	173878	43.013	ng	96
46) 1,1'-Biphenyl	9.081	154	665095	45.278	ng	98
47) 2-Chloronaphthalene	9.104	162	513015	43.174	ng	98
48) 2-Nitroaniline	9.210	65	162354	40.965	ng	90
49) Acenaphthylene	9.516	152	779373	43.745	ng	99
50) Dimethylphthalate	9.392	163	608314	44.775	ng	100
51) 2,6-Dinitrotoluene	9.451	165	139043	48.935	ng	92
52) Acenaphthene	9.686	154	561179m	47.940	ng	
53) 3-Nitroaniline	9.622	138	107010	33.799	ng	93
54) 2,4-Dinitrophenol	9.734	184	123776	80.281	ng	88
55) Dibenzofuran	9.863	168	726477	44.619	ng	96
56) 4-Nitrophenol	9.798	139	168673	73.145	ng	93
57) 2,4-Dinitrotoluene	9.857	165	174584	48.078	ng	94
58) Fluorene	10.204	166	592442	44.492	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.981	232	138845	43.882	ng	92
60) Diethylphthalate	10.086	149	600129	44.049	ng	99
61) 4-Chlorophenyl-phenyle...	10.198	204	271230	46.433	ng	94
62) 4-Nitroaniline	10.239	138	131924m	41.478	ng	
63) Azobenzene	10.357	77	563550	40.171	ng	96
65) 4,6-Dinitro-2-methylph...	10.263	198	87035	48.263	ng	95
66) n-Nitrosodiphenylamine	10.322	169	494456	45.675	ng	99
67) 4-Bromophenyl-phenylether	10.686	248	174902	48.942	ng	# 89
68) Hexachlorobenzene	10.745	284	197153	48.667	ng	99
69) Atrazine	10.851	200	160784	50.823	ng	98
70) Pentachlorophenol	10.945	266	157039	72.230	ng	98
71) Phenanthrene	11.157	178	790657	43.471	ng	99
72) Anthracene	11.210	178	806785	45.966	ng	99
73) Carbazole	11.369	167	691564	43.659	ng	99
74) Di-n-butylphthalate	11.704	149	838303	43.887	ng	99
75) Fluoranthene	12.339	202	726083	41.313	ng	100
77) Benzidine	12.475	184	252006	56.091	ng	100
78) Pyrene	12.569	202	706902	52.212	ng	99
80) Butylbenzylphthalate	13.198	149	236215	47.095	ng	94
81) Benzo(a)anthracene	13.757	228	475906	46.223	ng	99
82) 3,3'-Dichlorobenzidine	13.722	252	125717	44.856	ng	99
83) Chrysene	13.792	228	435353	44.533	ng	99
84) Bis(2-ethylhexyl)phtha...	13.757	149	273983	47.689	ng	97
85) Di-n-octyl phthalate	14.369	149	448512	51.041	ng	96
87) Indeno(1,2,3-cd)pyrene	16.462	276	562420	50.861	ng	99
88) Benzo(b)fluoranthene	14.763	252	495376	48.672	ng	99
89) Benzo(k)fluoranthene	14.792	252	414894	41.440	ng	99
90) Benzo(a)pyrene	15.092	252	411622	51.049	ng	98
91) Dibenzo(a,h)anthracene	16.474	278	490804	54.104	ng	99
92) Benzo(g,h,i)perylene	16.862	276	497701	54.464	ng	100

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



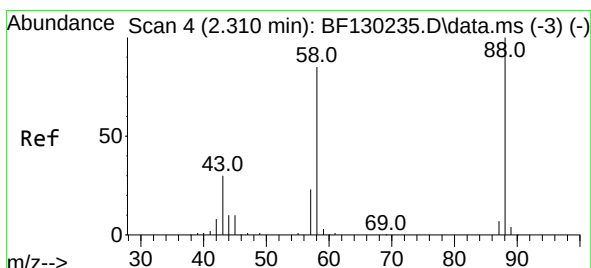
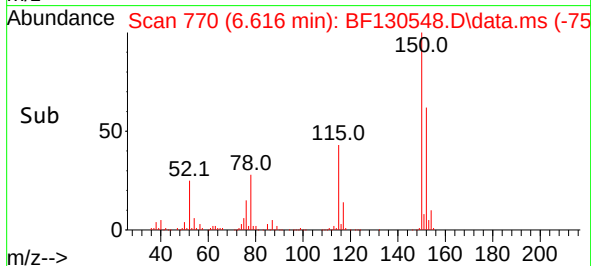
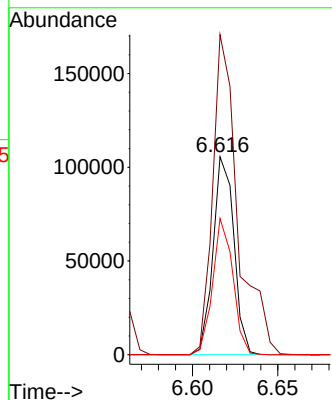
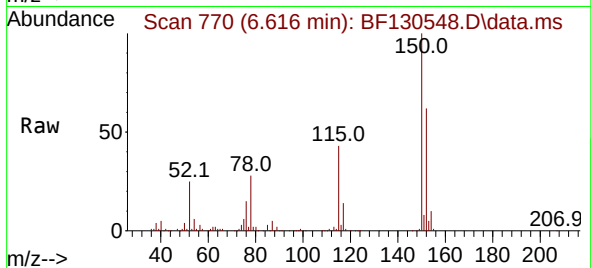
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.616 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21

Instrument :
BNA_F
ClientSampleId :
PB148116BS

Tgt Ion:152 Resp: 89994
Ion Ratio Lower Upper
152 100
150 161.7 122.8 184.2
115 68.8 53.8 80.8

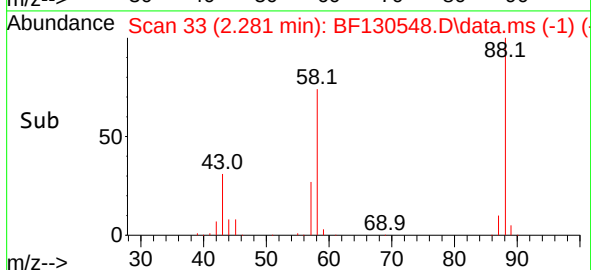
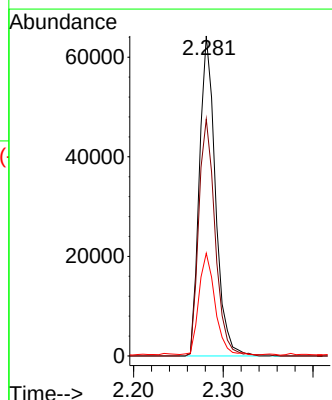
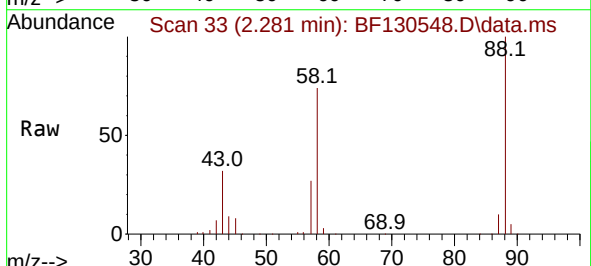
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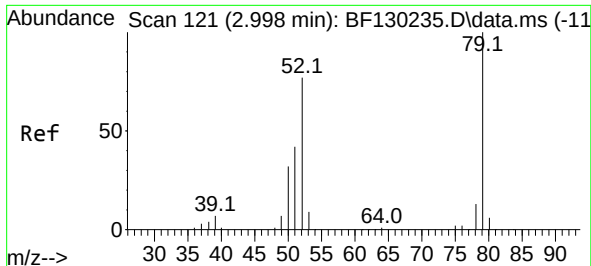
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#2
1,4-Dioxane
Concen: 33.486 ng
RT: 2.281 min Scan# 33
Delta R.T. 0.088 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21

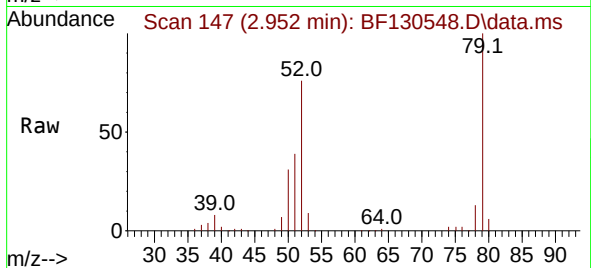
Tgt Ion: 88 Resp: 79795
Ion Ratio Lower Upper
88 100
58 75.5 61.3 91.9
43 31.9 23.0 34.6





#3
Pyridine
Concen: 33.292 ng
RT: 2.952 min Scan# 14
Delta R.T. 0.094 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21

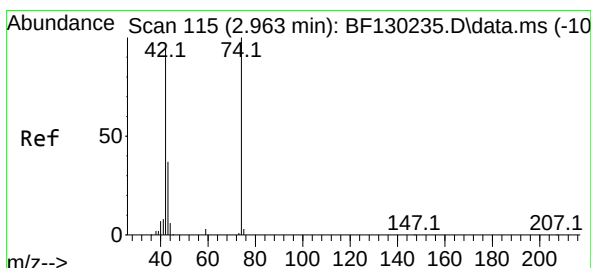
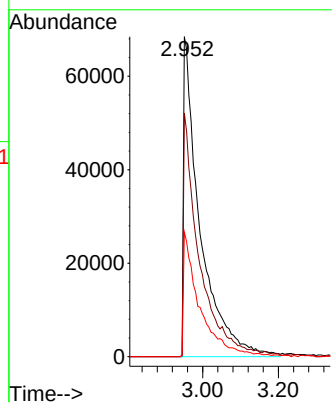
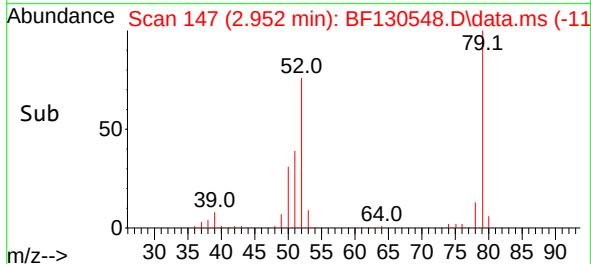
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ClientSampleId :
PB148116BS



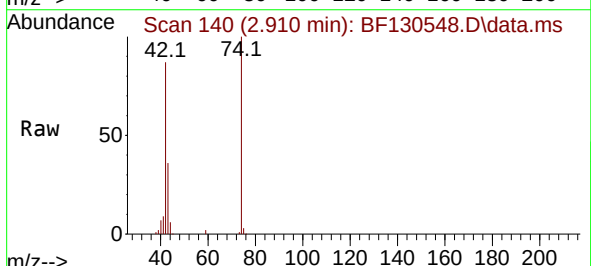
Tgt Ion: 79 Resp: 206940
Ion Ratio Lower Upper
79 100
52 76.1 62.4 93.6
51 38.9 32.2 48.4

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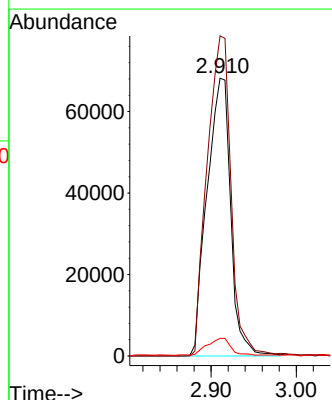
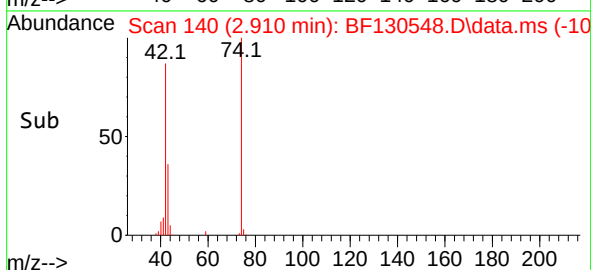
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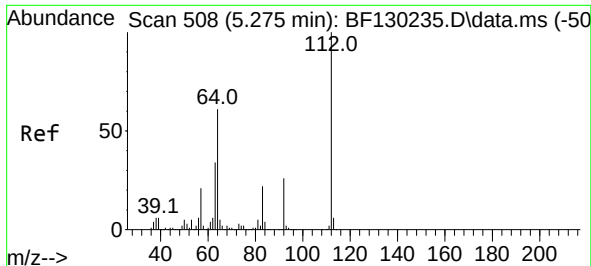


#4
n-Nitrosodimethylamine
Concen: 38.880 ng
RT: 2.910 min Scan# 140
Delta R.T. 0.082 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21



Tgt Ion: 42 Resp: 131447
Ion Ratio Lower Upper
42 100
74 115.2 88.4 132.6
44 6.4 5.0 7.4





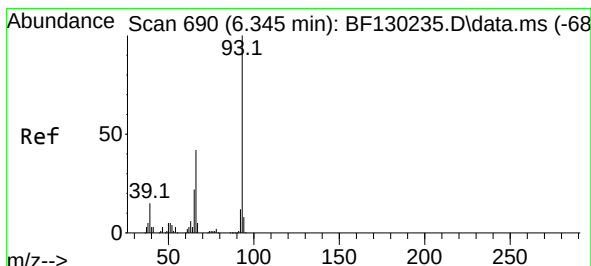
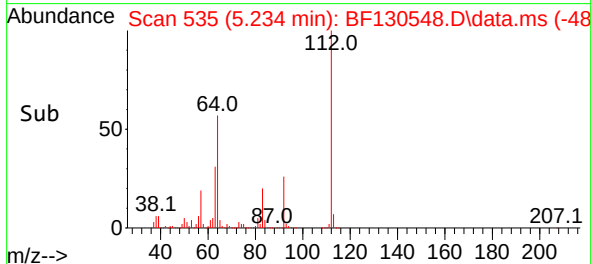
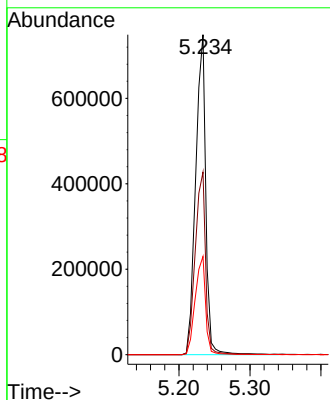
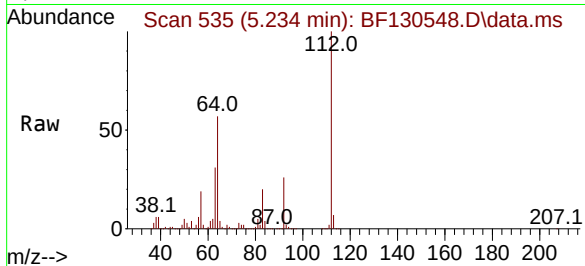
#5
2-Fluorophenol
Concen: 143.511 ng
RT: 5.234 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21

Instrument :
BNA_F
ClientSampleId :
PB148116BS

Tgt Ion: 112 Resp: 744610
Ion Ratio Lower Upper
112 100
64 57.1 51.4 77.0
63 30.7 28.8 43.2

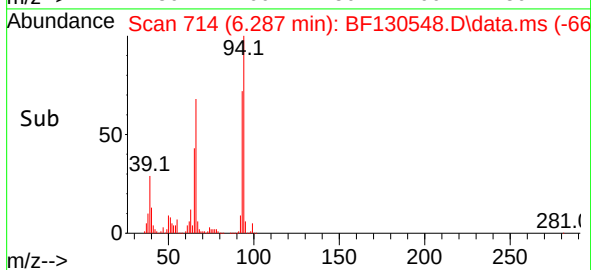
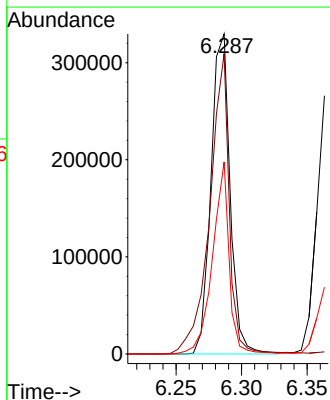
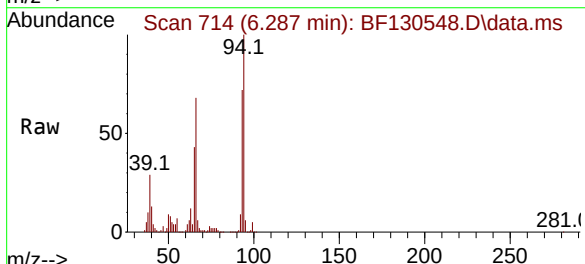
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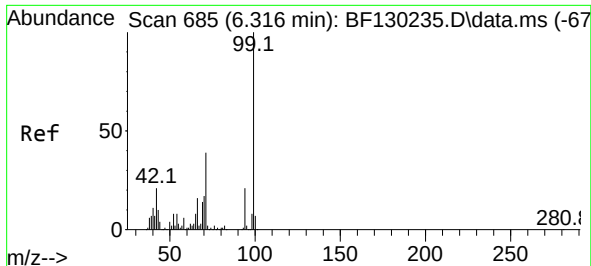
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#6
Aniline
Concen: 41.785 ng
RT: 6.287 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21

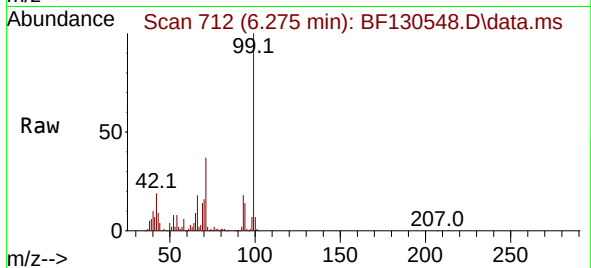
Tgt Ion: 93 Resp: 334245
Ion Ratio Lower Upper
93 100
66 93.9 34.2 51.4#
65 60.0 16.6 24.8#





#7
Phenol-d6
Concen: 140.422 ng
RT: 6.275 min Scan# 712
Delta R.T. 0.006 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21

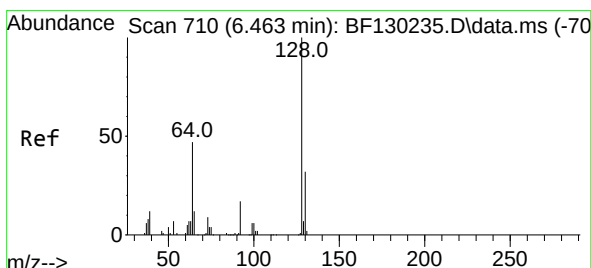
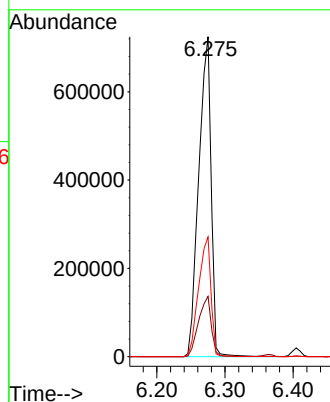
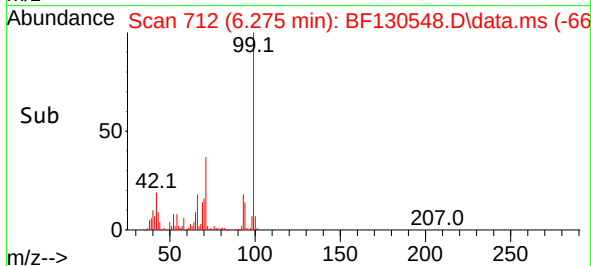
Instrument :
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Tgt Ion: 99 Resp: 911635
Ion Ratio Lower Upper
99 100
42 18.9 17.0 25.6
71 37.4 32.3 48.5

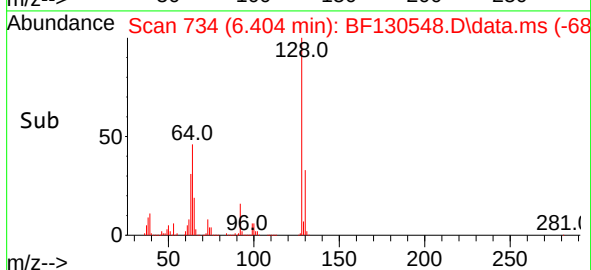
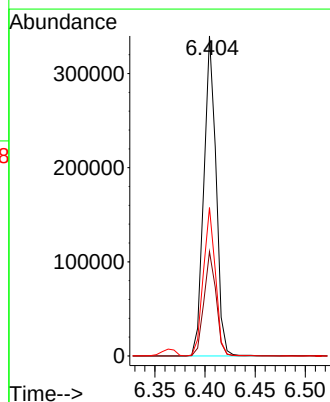
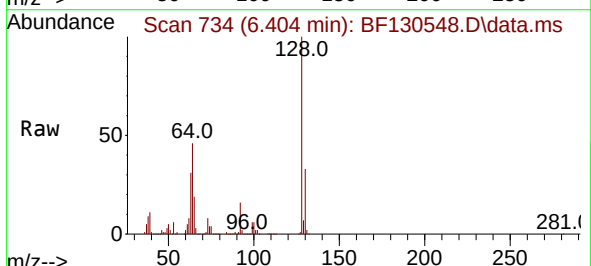
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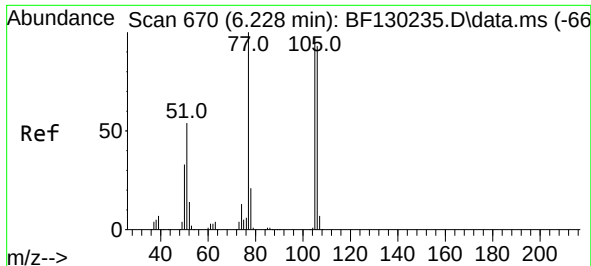
Reviewed By :Christian Giraldo 10/07/2022
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#8
2-Chlorophenol
Concen: 48.976 ng
RT: 6.404 min Scan# 734
Delta R.T. 0.000 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21

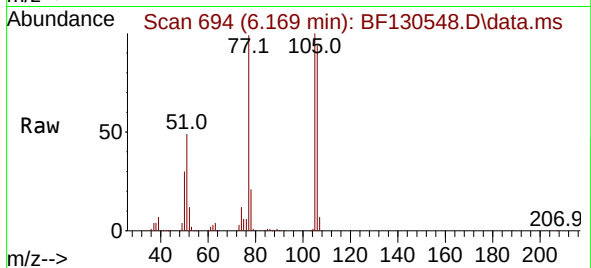
Tgt Ion:128 Resp: 289472
Ion Ratio Lower Upper
128 100
130 32.6 12.4 52.4
64 46.4 31.6 71.6





#9
Benzaldehyde
Concen: 39.406 ng
RT: 6.169 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21

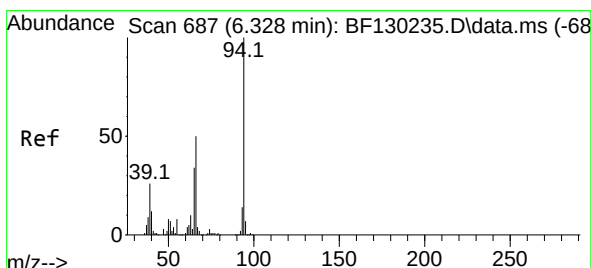
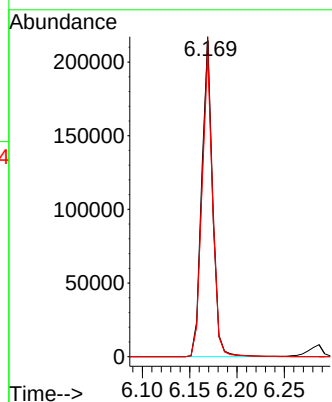
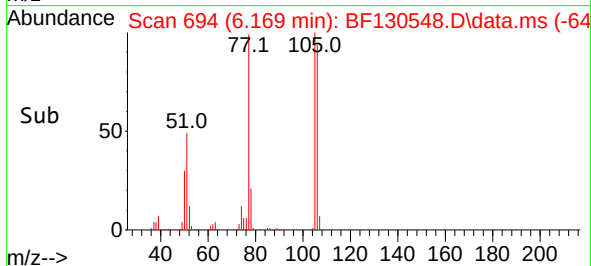
Instrument :
BNA_F
ClientSampleId :
PB148116BS



Tgt Ion: 77 Resp: 17136
Ion Ratio Lower Upper
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105 101.1 75.1 115.1
106 95.0 69.7 109.7

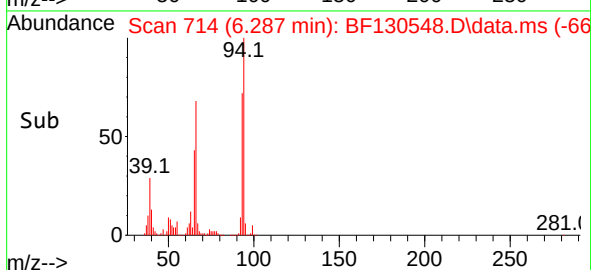
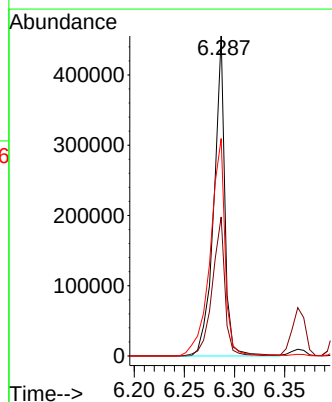
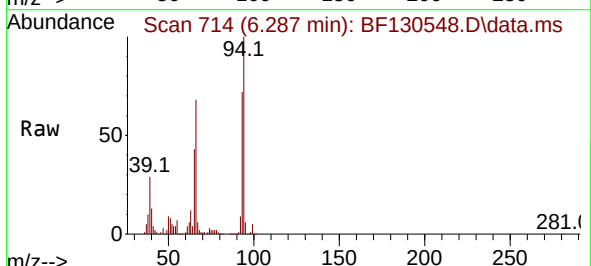
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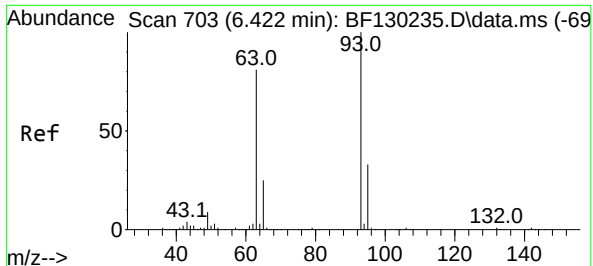
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#10
Phenol
Concen: 45.735 ng
RT: 6.287 min Scan# 714
Delta R.T. 0.006 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21

Tgt Ion: 94 Resp: 347956
Ion Ratio Lower Upper
94 100
65 43.4 14.1 54.1
66 67.9 28.1 68.1





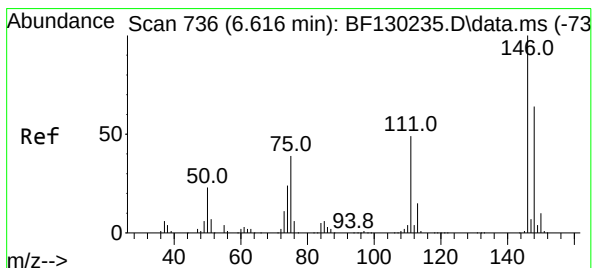
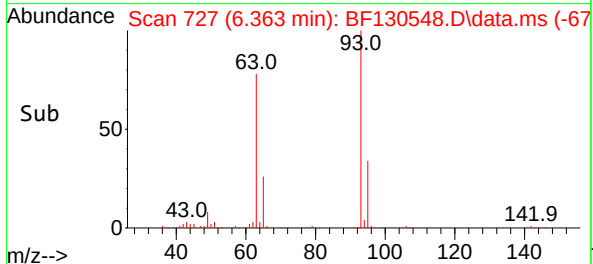
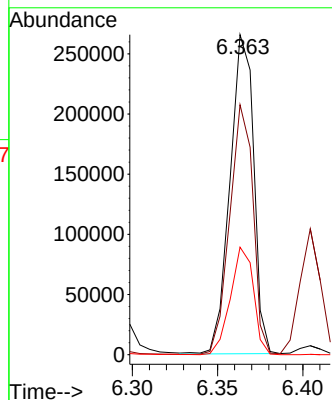
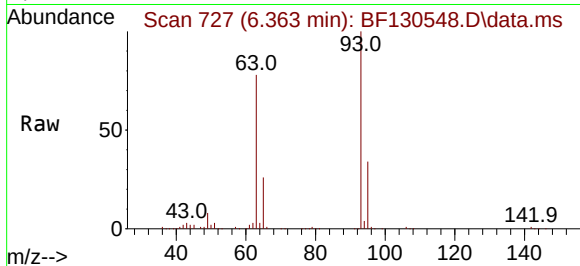
#11
bis(2-Chloroethyl)ether
Concen: 46.763 ng
RT: 6.363 min Scan# 703
Delta R.T. 0.000 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21

Instrument :
BNA_F
ClientSampleId :
PB148116BS

Tgt Ion: 93 Resp: 256620
Ion Ratio Lower Upper
93 100
63 78.1 62.5 102.5
95 33.6 12.5 52.5

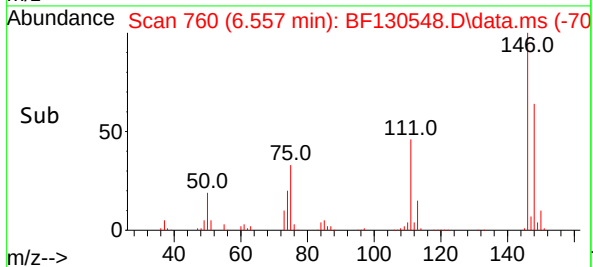
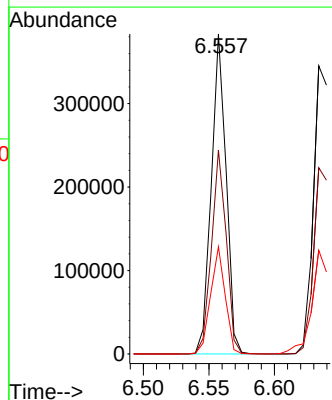
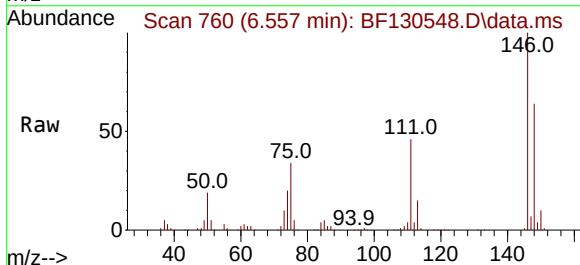
Manual Integrations
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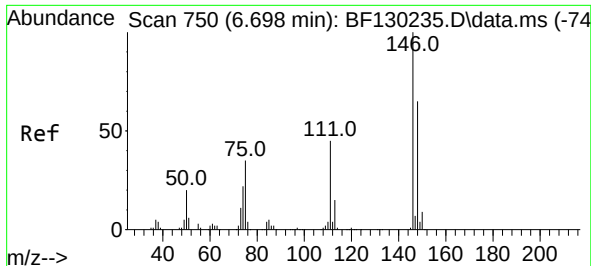
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#12
1,3-Dichlorobenzene
Concen: 46.198 ng
RT: 6.557 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21

Tgt Ion:146 Resp: 300445
Ion Ratio Lower Upper
146 100
148 63.7 51.4 77.2
75 33.5 28.8 43.2





#13

1,4-Dichlorobenzene

Concen: 46.054 ng

RT: 6.634 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF130548.D

Acq: 06 Oct 2022 13:21

Instrument :

BNA_F

ClientSampleId :

PB148116BS

Tgt Ion:146 Resp: 30543

Ion Ratio Lower Upper

146 100

148 64.6 50.3 75.5

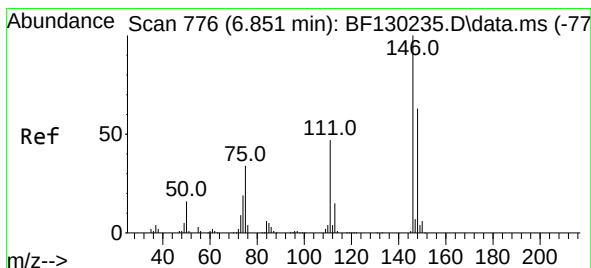
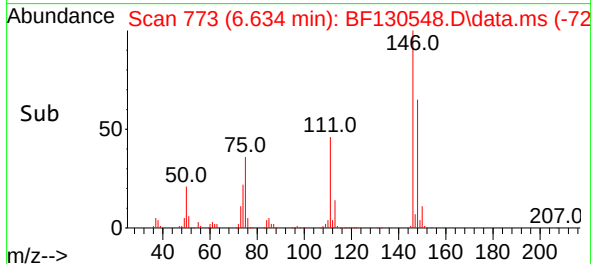
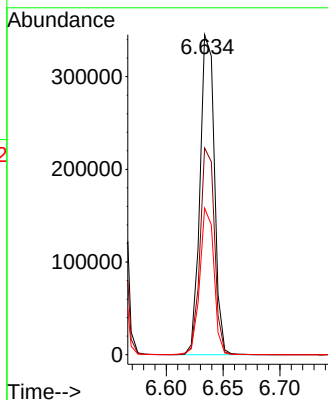
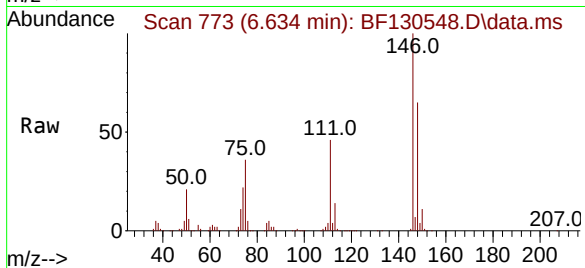
111 45.8 36.3 54.5

Manual Integrations

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Reviewed By :Christian Giraldo 10/07/2022

Supervised By :Jagrut Upadhyay 10/10/2022



#14

1,2-Dichlorobenzene

Concen: 46.824 ng

RT: 6.787 min Scan# 799

Delta R.T. 0.000 min

Lab File: BF130548.D

Acq: 06 Oct 2022 13:21

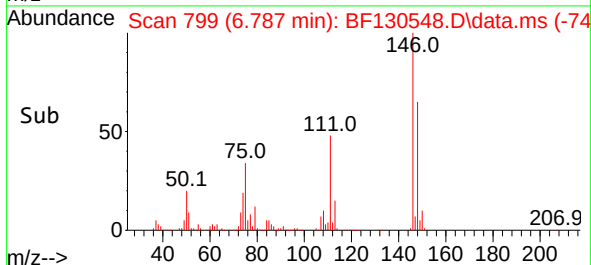
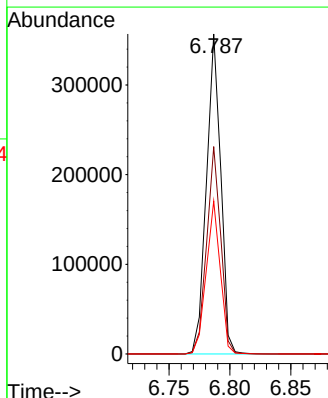
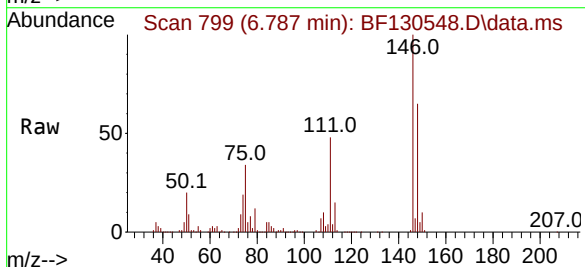
Tgt Ion:146 Resp: 290088

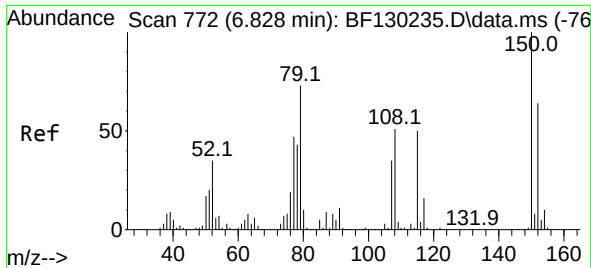
Ion Ratio Lower Upper

146 100

148 64.8 51.6 77.4

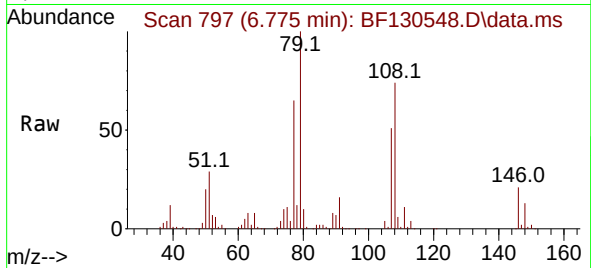
111 47.8 39.2 58.8





#15
Benzyl Alcohol
Concen: 43.460 ng
RT: 6.775 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21

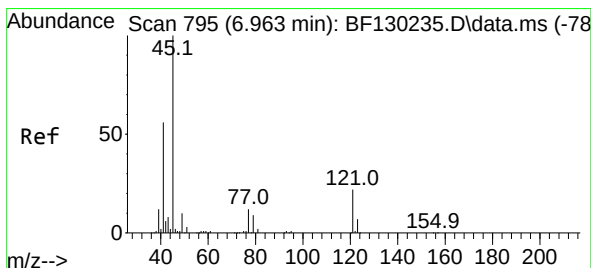
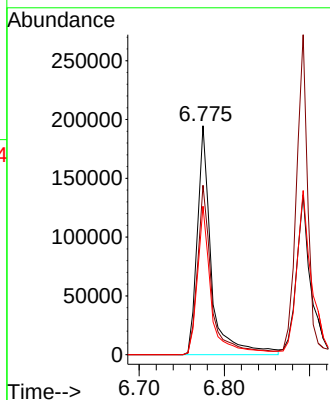
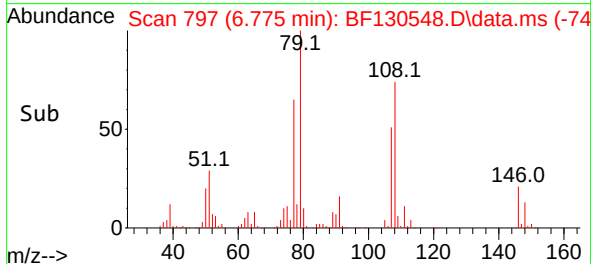
Instrument :
BNA_F
ClientSampleId :
PB148116BS



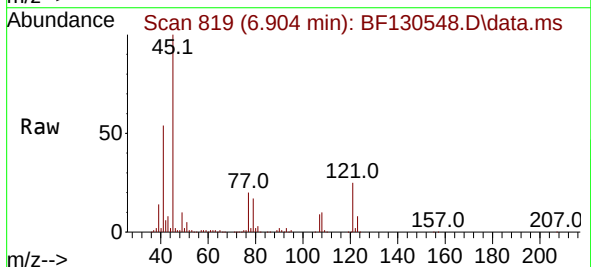
Tgt Ion: 79 Resp: 22370
Ion Ratio Lower Upper
79 100
108 74.0 54.0 81.0
77 64.9 51.3 76.9

Manual Integrations
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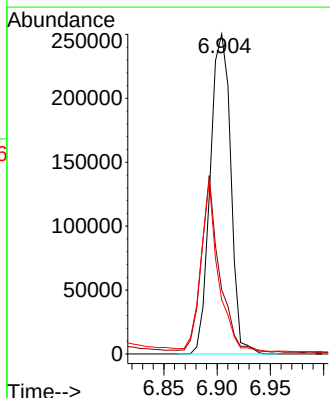
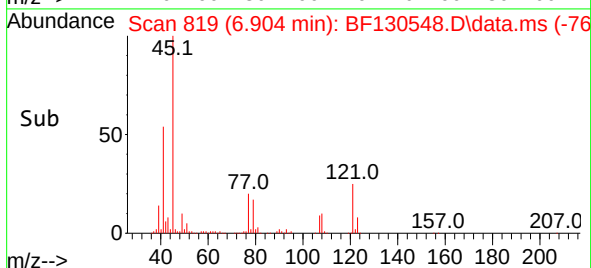
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022

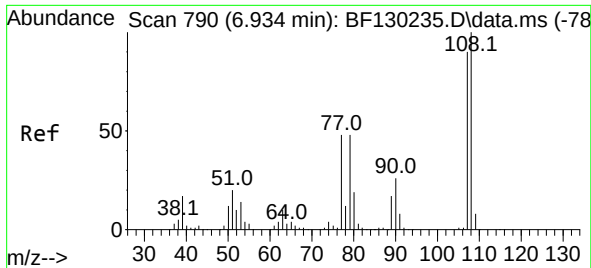


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.836 ng
RT: 6.904 min Scan# 819
Delta R.T. 0.006 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21



Tgt Ion: 45 Resp: 334846
Ion Ratio Lower Upper
45 100
77 20.1 0.0 34.9
79 16.9 0.0 31.0





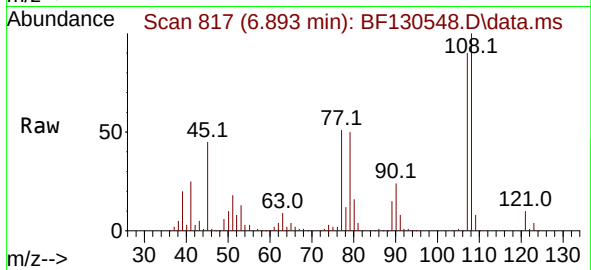
#17
2-Methylphenol
Concen: 47.897 ng
RT: 6.893 min Scan# 817
Delta R.T. 0.006 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21

Instrument :

BNA_F

ClientSampleId :

PB148116BS

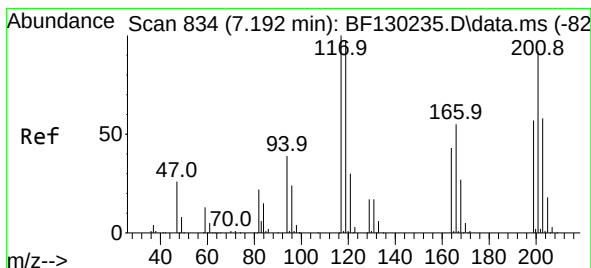
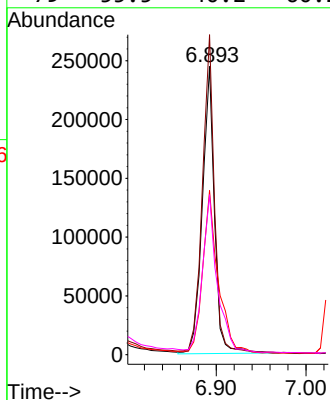
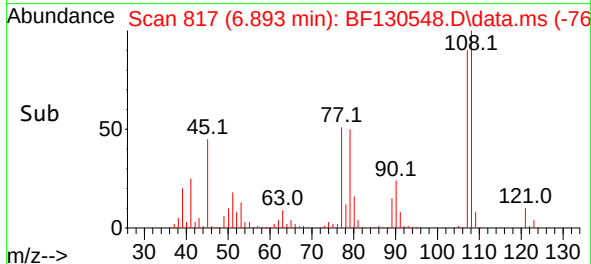


Tgt Ion:107 Resp: 23013
Ion Ratio Lower Upper
107 100
108 111.0 89.4 134.0
77 57.0 40.6 60.8
79 55.5 40.2 60.2

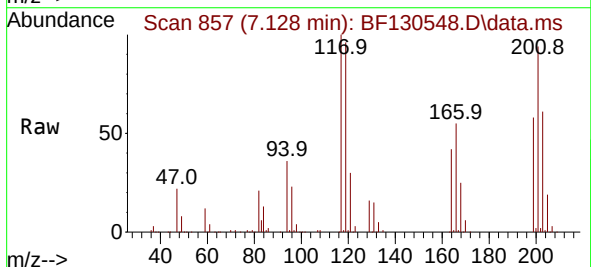
Manual Integrations

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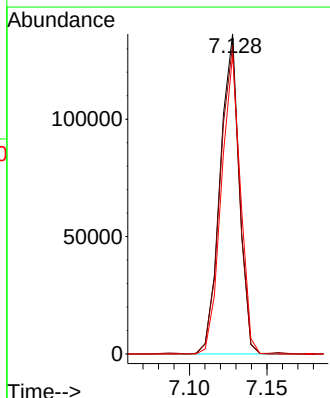
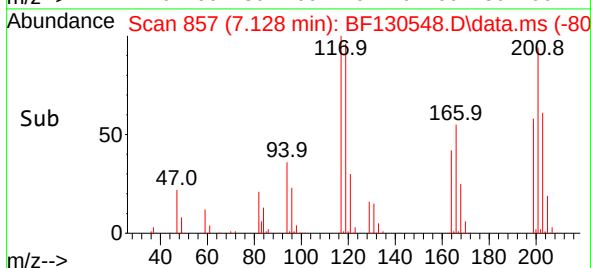
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022

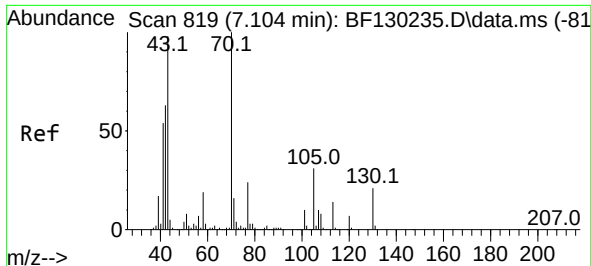


#18
Hexachloroethane
Concen: 44.820 ng
RT: 7.128 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21



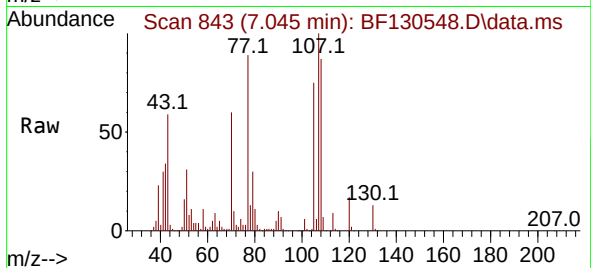
Tgt Ion:117 Resp: 117170
Ion Ratio Lower Upper
117 100
119 96.5 77.8 116.6
201 93.6 68.7 103.1





#19
n-Nitroso-di-n-propylamine
Concen: 45.373 ng
RT: 7.045 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21

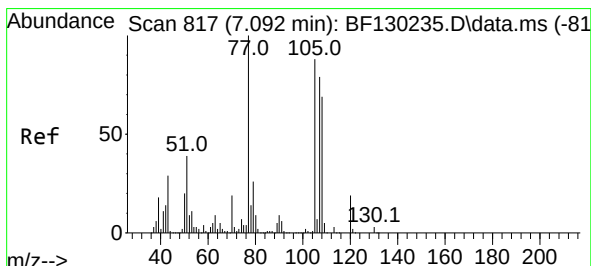
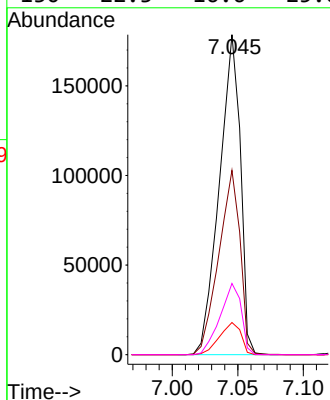
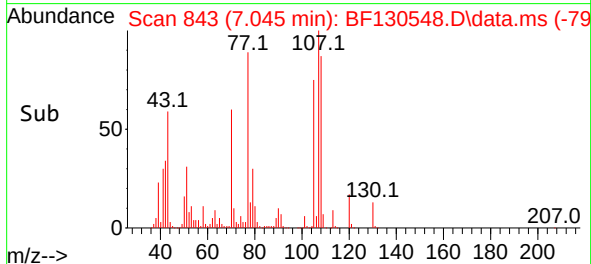
Instrument :
BNA_F
ClientSampleId :
PB148116BS



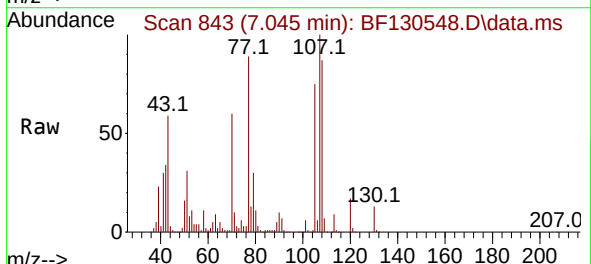
Tgt Ion: 70 Resp: 198768
Ion Ratio Lower Upper
70 100
42 57.6 50.8 76.2
101 10.0 8.2 12.4
130 22.3 16.6 25.0

Manual Integrations
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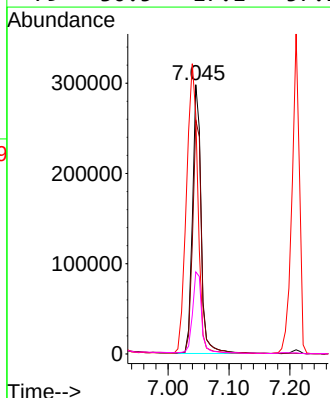
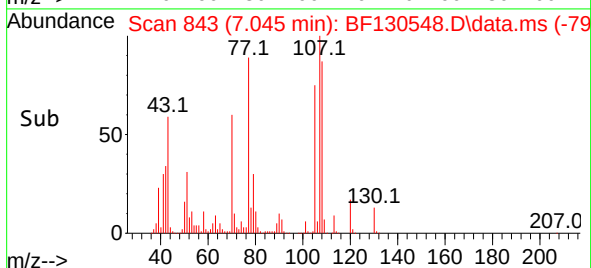
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022

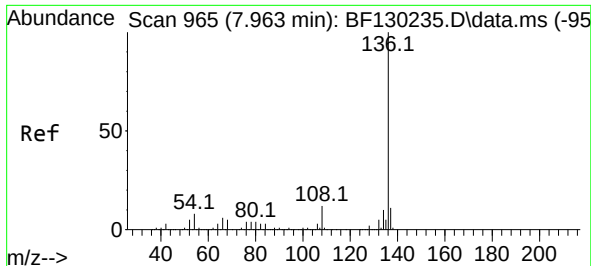


#20
3+4-Methylphenols
Concen: 46.950 ng
RT: 7.045 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21



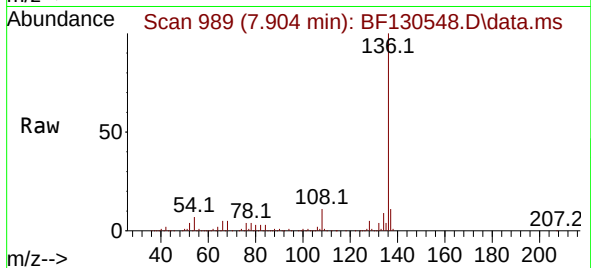
Tgt Ion:107 Resp: 293040
Ion Ratio Lower Upper
107 100
108 86.8 74.8 114.8
77 88.8 125.8 165.8#
79 30.5 17.1 57.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.904 min Scan# 912
Delta R.T. 0.000 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21

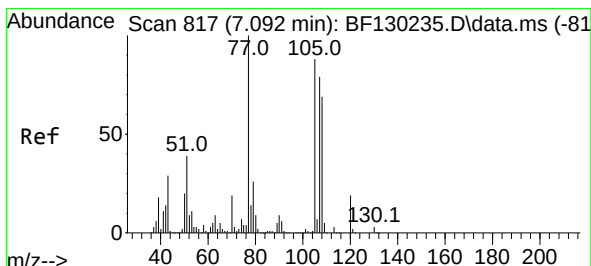
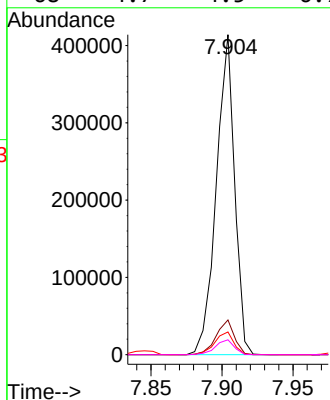
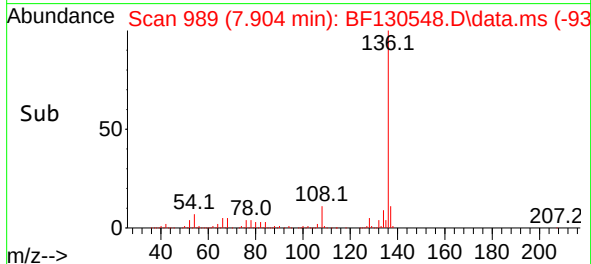
Instrument :
BNA_F
ClientSampleId :
PB148116BS



Tgt Ion:136 Resp: 370120
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 7.1 7.1 10.7
68 4.7 4.5 6.7

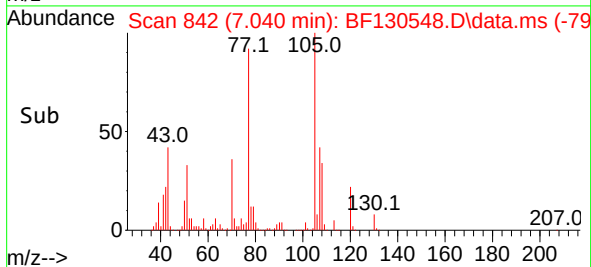
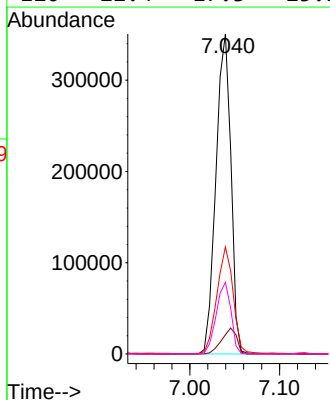
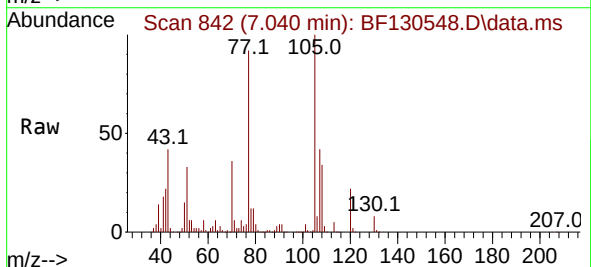
Manual Integrations
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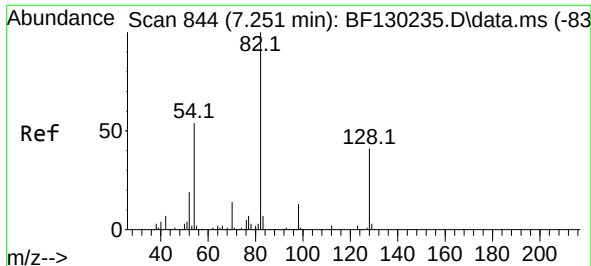
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#22
Acetophenone
Concen: 44.937 ng
RT: 7.040 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21

Tgt Ion:105 Resp: 406629
Ion Ratio Lower Upper
105 100
71 6.0 3.9 5.9#
51 33.5 32.2 48.2
120 22.4 17.3 25.9





#23
Nitrobenzene-d5
Concen: 80.462 ng
RT: 7.193 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21

Instrument :

BNA_F

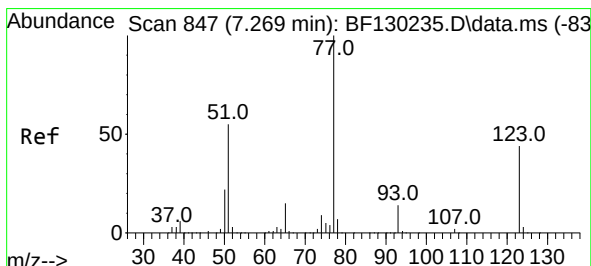
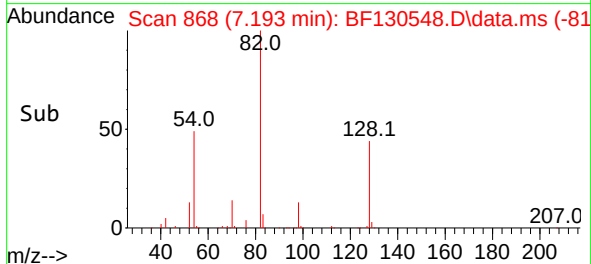
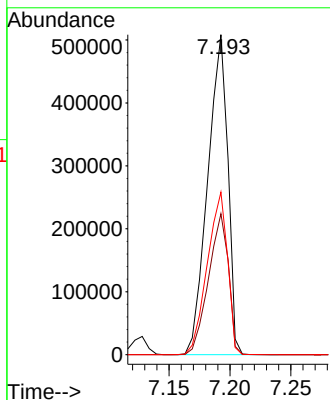
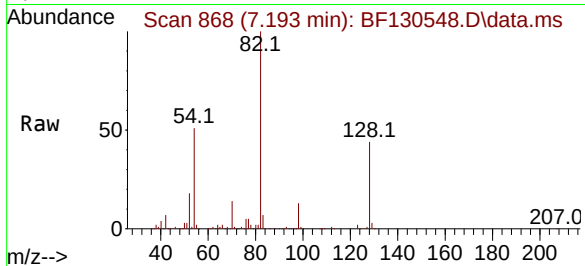
ClientSampleId :

PB148116BS

Tgt Ion: 82 Resp: 58292
Ion Ratio Lower Upper
82 100
128 44.0 32.6 49.0
54 50.8 43.8 65.6

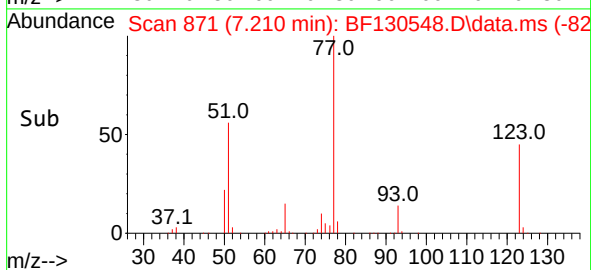
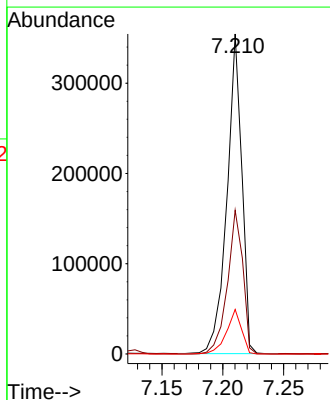
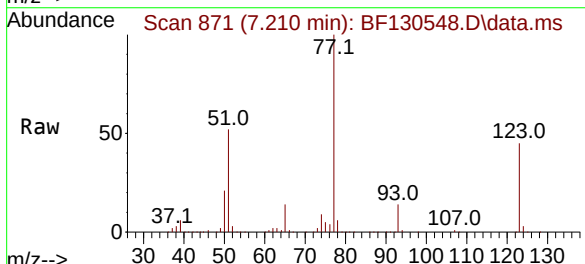
Manual Integrations
APPROVED

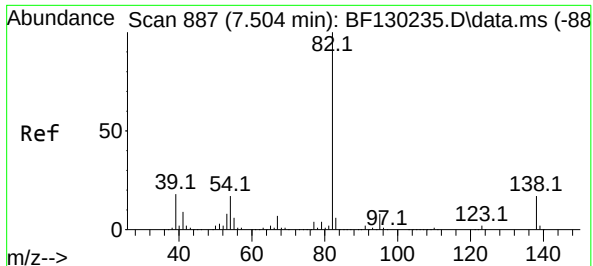
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#24
Nitrobenzene
Concen: 40.977 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21

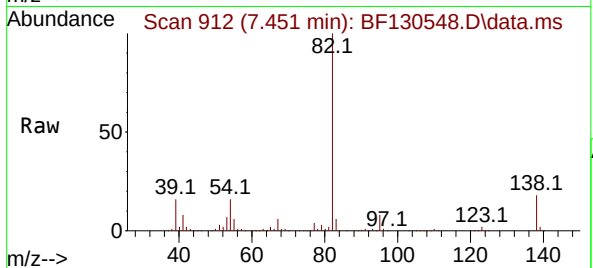
Tgt Ion: 77 Resp: 301437
Ion Ratio Lower Upper
77 100
123 44.9 34.3 51.5
65 13.9 12.0 18.0





#25
Isophorone
Concen: 45.881 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.000 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21

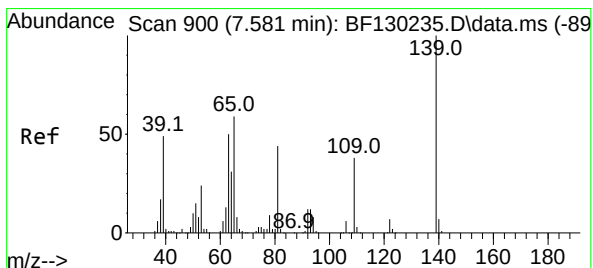
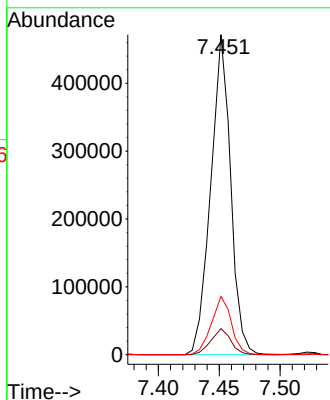
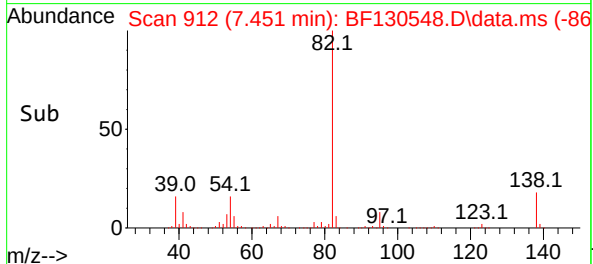
Instrument :
BNA_F
ClientSampleId :
PB148116BS



Tgt Ion: 82 Resp: 535744
Ion Ratio Lower Upper
82 100
95 8.2 6.4 9.6
138 18.2 13.8 20.6

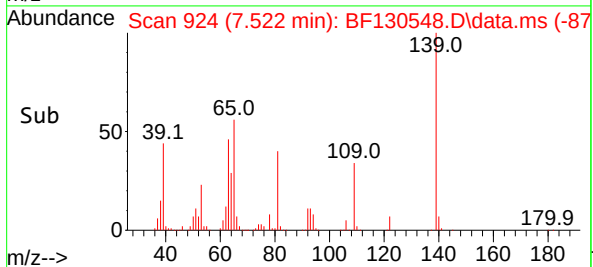
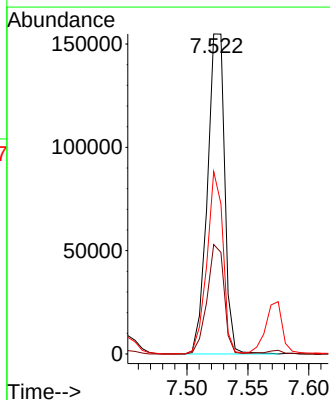
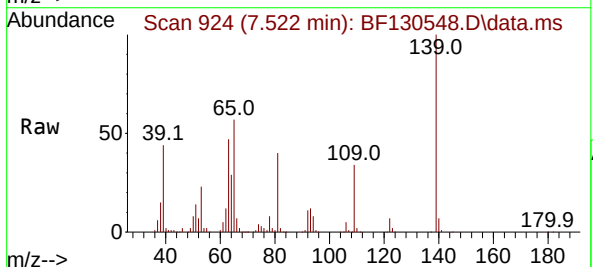
Manual Integrations
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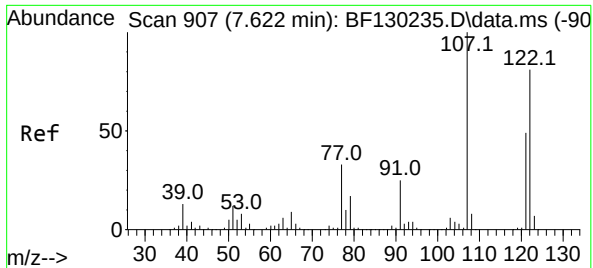
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#26
2-Nitrophenol
Concen: 50.702 ng
RT: 7.522 min Scan# 924
Delta R.T. 0.000 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21

Tgt Ion:139 Resp: 152894
Ion Ratio Lower Upper
139 100
109 34.2 30.2 45.4
65 57.0 48.9 73.3





#27

2,4-Dimethylphenol

Concen: 52.403 ng

RT: 7.575 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF130548.D

Acq: 06 Oct 2022 13:21

Instrument :

BNA_F

ClientSampleId :

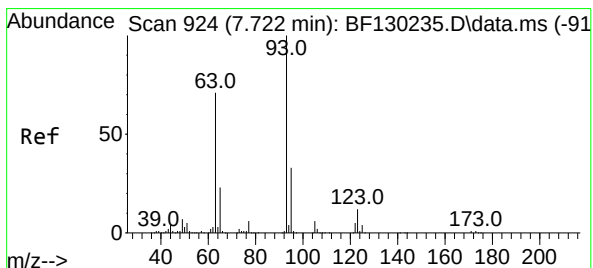
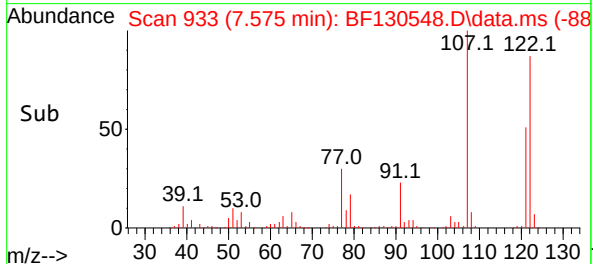
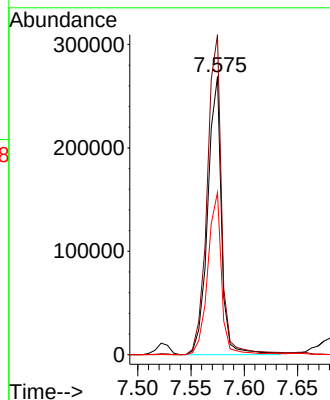
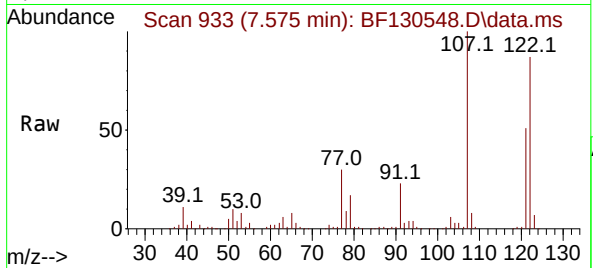
PB148116BS

Tgt Ion:122 Resp: 243315
 Ion Ratio Lower Upper
 122 100
 107 115.1 100.2 150.2
 121 58.3 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/07/2022
 Supervised By :Jagrut Upadhyay 10/10/2022



#28

bis(2-Chloroethoxy)methane

Concen: 49.715 ng

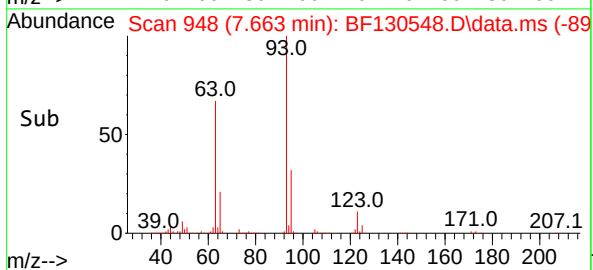
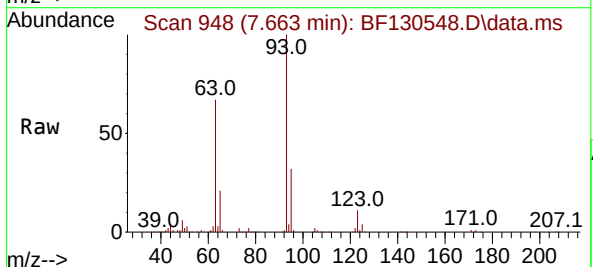
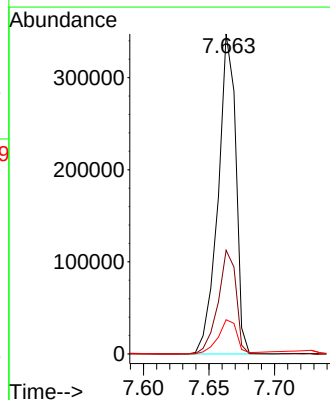
RT: 7.663 min Scan# 948

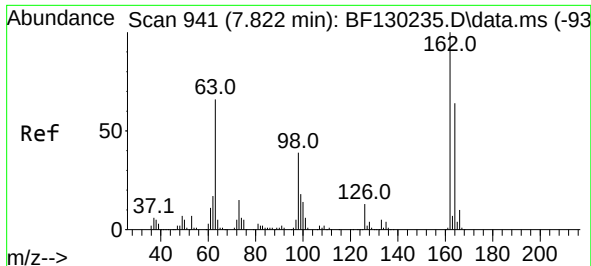
Delta R.T. 0.000 min

Lab File: BF130548.D

Acq: 06 Oct 2022 13:21

Tgt Ion: 93 Resp: 326878
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.3 39.5
 123 10.7 9.4 14.2





#29

2,4-Dichlorophenol

Concen: 46.830 ng

RT: 7.769 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF130548.D

Acq: 06 Oct 2022 13:21

Instrument :

BNA_F

ClientSampleId :

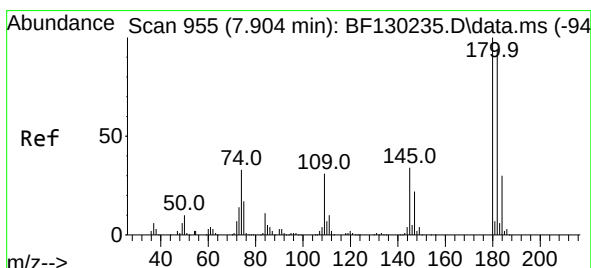
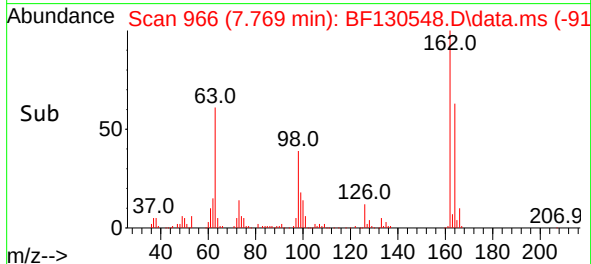
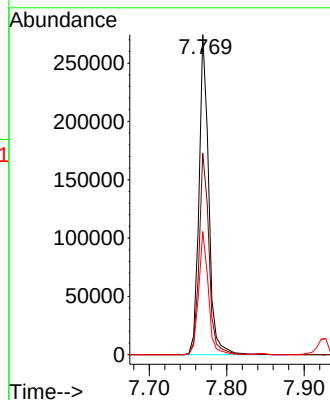
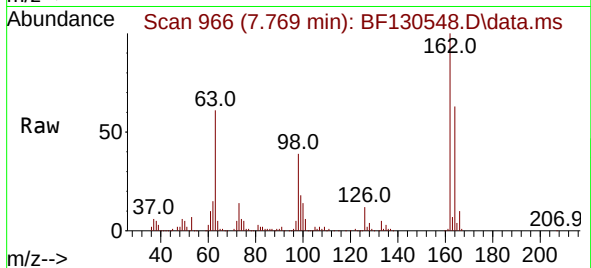
PB148116BS

Tgt Ion:162 Resp: 238279
 Ion Ratio Lower Upper
 162 100
 164 62.9 42.2 82.2
 98 38.5 21.7 61.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/07/2022
 Supervised By :Jagrut Upadhyay 10/10/2022



#30

1,2,4-Trichlorobenzene

Concen: 44.324 ng

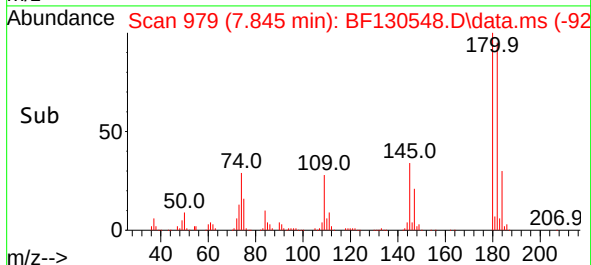
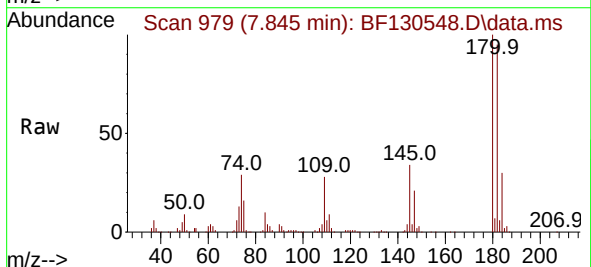
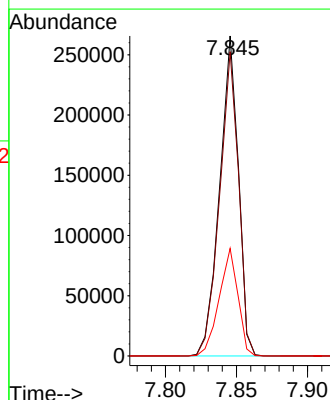
RT: 7.845 min Scan# 979

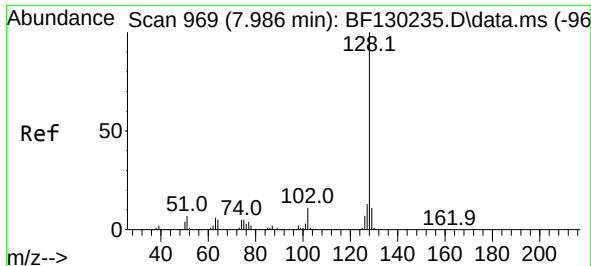
Delta R.T. 0.000 min

Lab File: BF130548.D

Acq: 06 Oct 2022 13:21

Tgt Ion:180 Resp: 243829
 Ion Ratio Lower Upper
 180 100
 182 95.1 73.3 109.9
 145 33.6 28.3 42.5





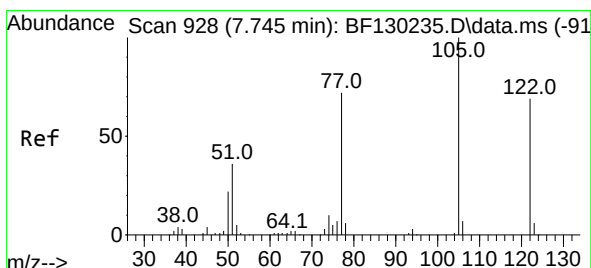
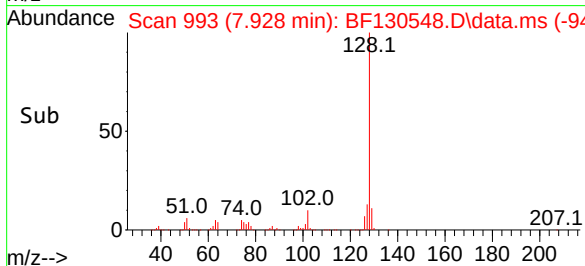
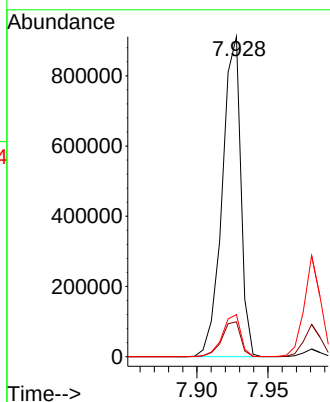
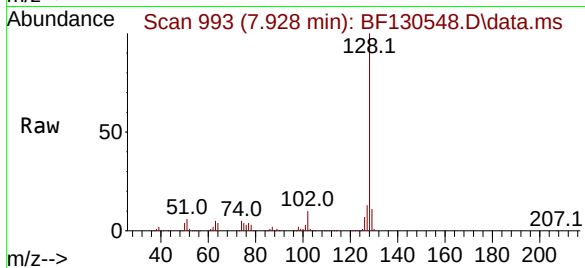
#31
Naphthalene
Concen: 43.369 ng
RT: 7.928 min Scan# 941
Delta R.T. 0.000 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21

Instrument :
BNA_F
ClientSampleId :
PB148116BS

Tgt Ion:128 Resp: 82696
Ion Ratio Lower Upper
128 100
129 10.9 9.1 13.7
127 13.2 10.6 16.0

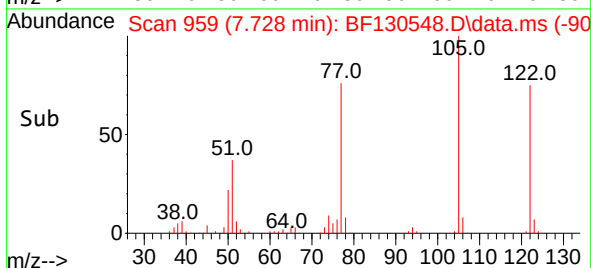
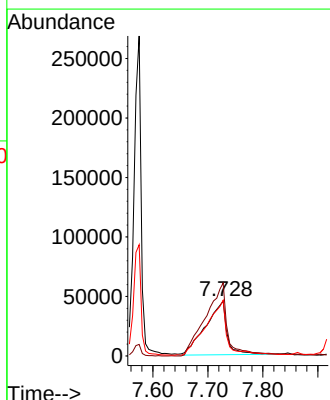
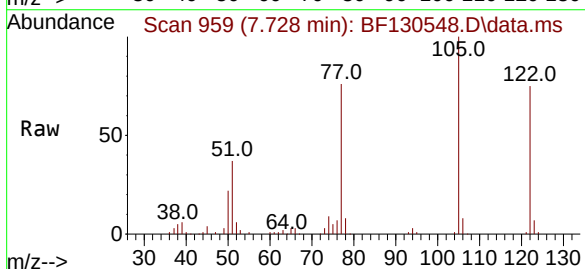
Manual Integrations
APPROVED

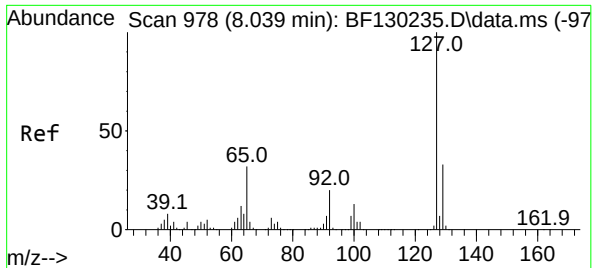
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#32
Benzoic acid
Concen: 34.216 ng
RT: 7.728 min Scan# 959
Delta R.T. 0.018 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21

Tgt Ion:122 Resp: 122857
Ion Ratio Lower Upper
122 100
105 133.2 112.9 152.9
77 101.5 82.8 122.8





#33
4-Chloroaniline
Concen: 35.918 ng
RT: 7.981 min Scan# 1002
Delta R.T. 0.000 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21

Instrument :

BNA_F

ClientSampleId :

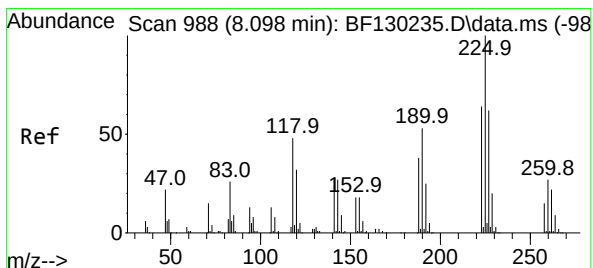
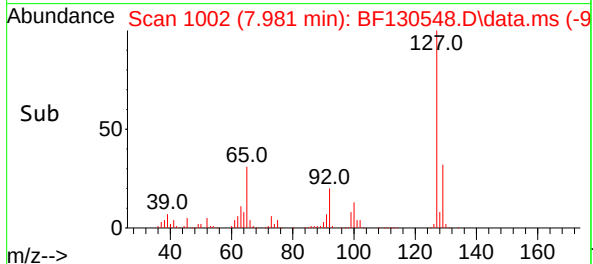
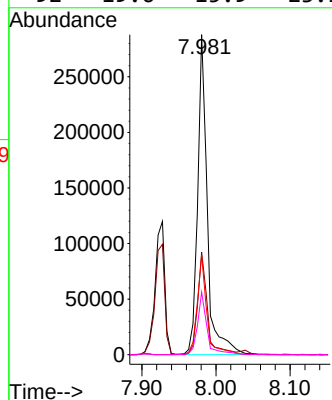
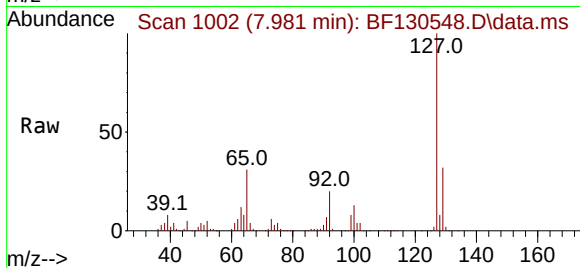
PB148116BS

Tgt Ion:127 Resp: 260484
Ion Ratio Lower Upper
127 100
129 32.1 25.6 38.4
65 31.1 27.0 40.6
92 19.6 15.9 23.9

Manual Integrations

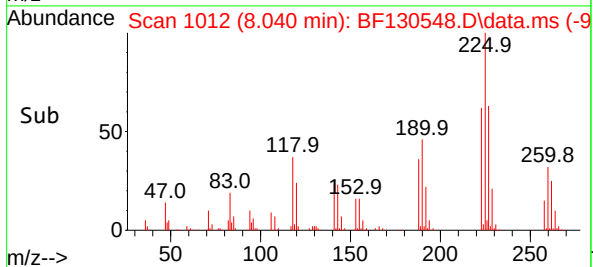
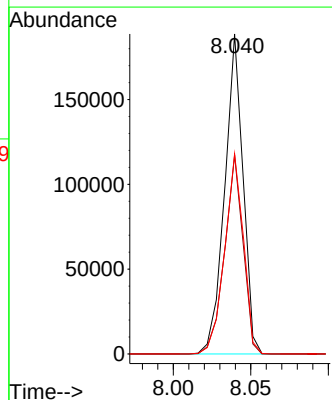
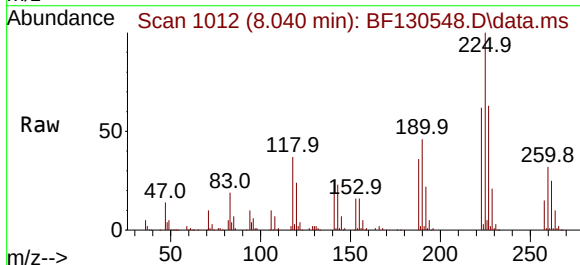
APPROVED

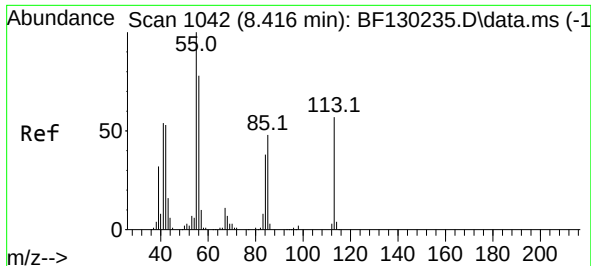
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#34
Hexachlorobutadiene
Concen: 44.164 ng
RT: 8.040 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21

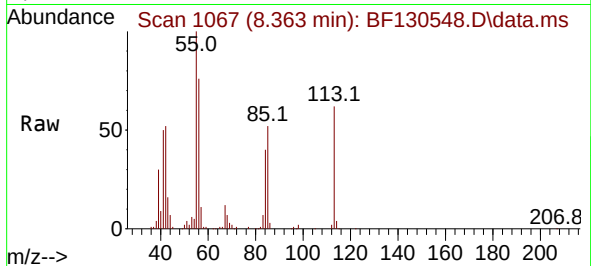
Tgt Ion:225 Resp: 155267
Ion Ratio Lower Upper
225 100
223 62.1 50.3 75.5
227 62.5 51.1 76.7





#35
Caprolactam
Concen: 51.643 ng m
RT: 8.363 min Scan# 1067
Delta R.T. 0.000 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21

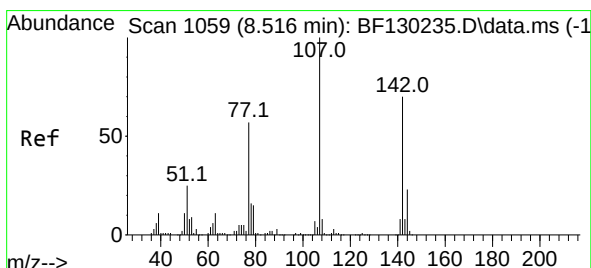
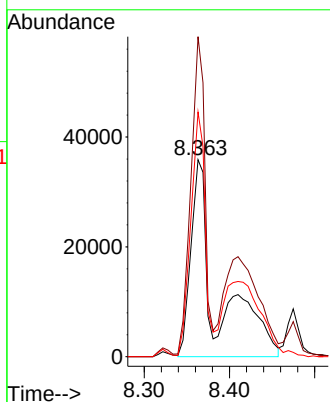
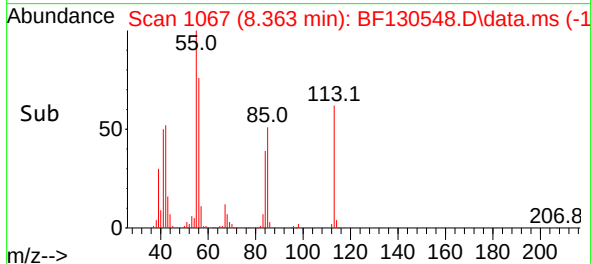
Instrument :
BNA_F
ClientSampleId :
PB148116BS



Tgt Ion:113 Resp: 75330
Ion Ratio Lower Upper
113 100
55 162.5 155.4 195.4
56 124.2 120.4 160.4

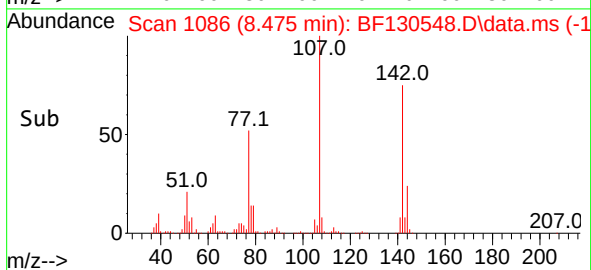
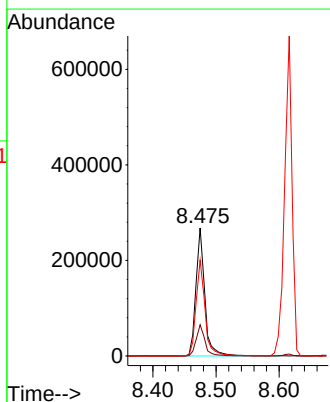
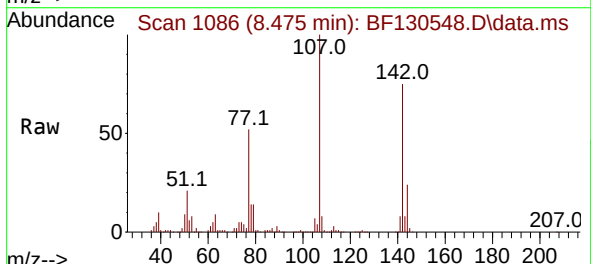
Manual Integrations
APPROVED

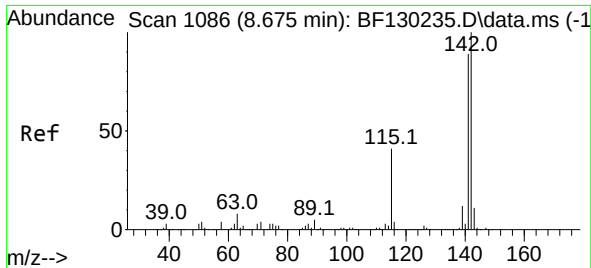
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#36
4-Chloro-3-methylphenol
Concen: 46.339 ng
RT: 8.475 min Scan# 1086
Delta R.T. 0.006 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21

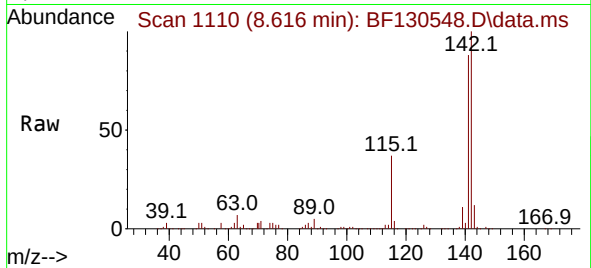
Tgt Ion:107 Resp: 261344
Ion Ratio Lower Upper
107 100
144 24.4 20.0 30.0
142 74.8 61.3 91.9





#37
2-Methylnaphthalene
Concen: 45.137 ng
RT: 8.616 min Scan# 1110
Delta R.T. 0.000 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21

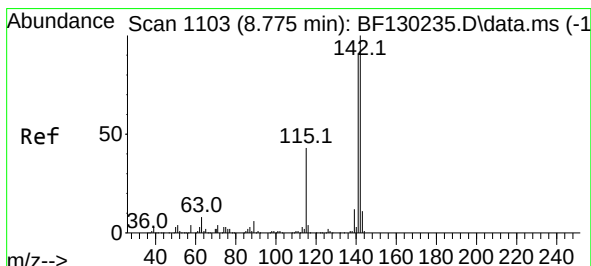
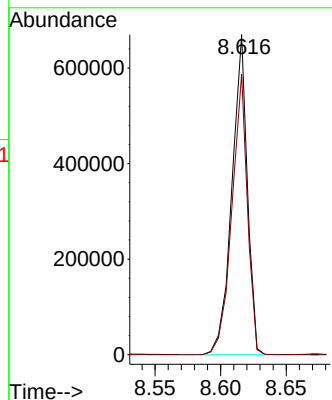
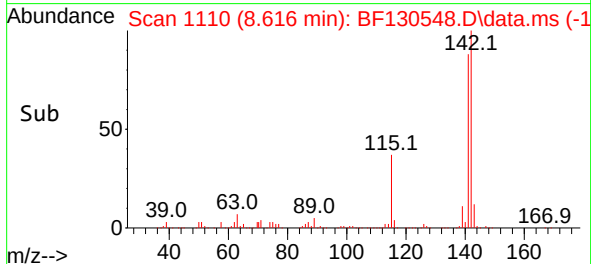
Instrument :
BNA_F
ClientSampleId :
PB148116BS



Tgt Ion:142 Resp: 54875
Ion Ratio Lower Upper
142 100
141 87.7 70.0 105.0

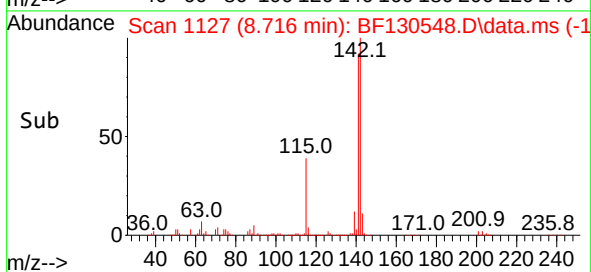
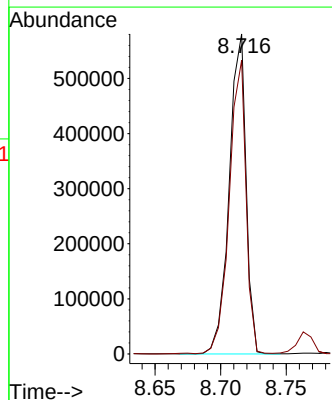
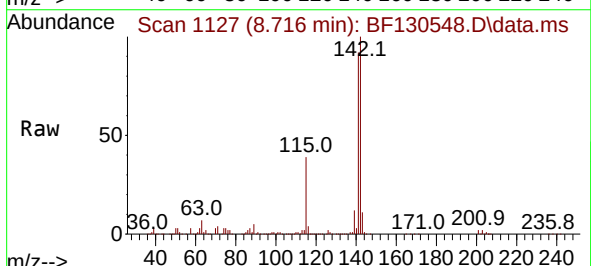
Manual Integrations
APPROVED

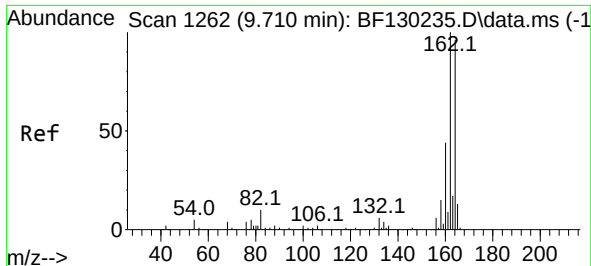
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#38
1-Methylnaphthalene
Concen: 44.287 ng
RT: 8.716 min Scan# 1127
Delta R.T. 0.006 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21

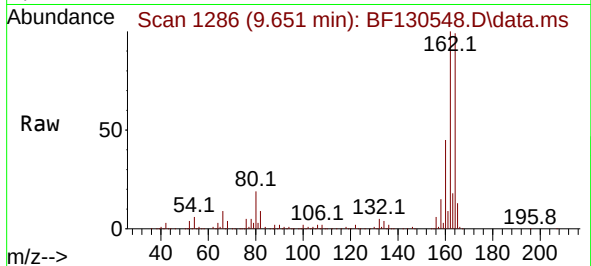
Tgt Ion:142 Resp: 517238
Ion Ratio Lower Upper
142 100
141 91.8 73.8 110.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.651 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21

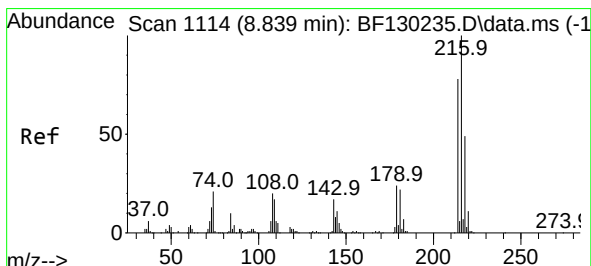
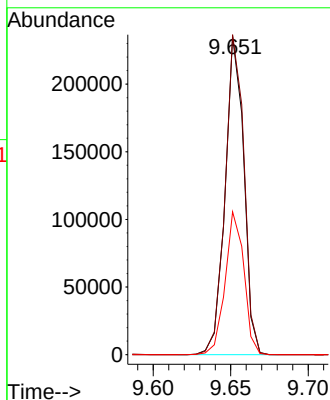
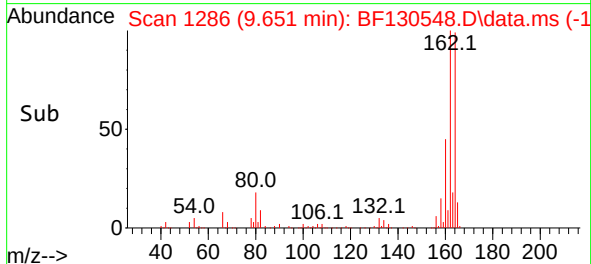
Instrument :
BNA_F
ClientSampleId :
PB148116BS



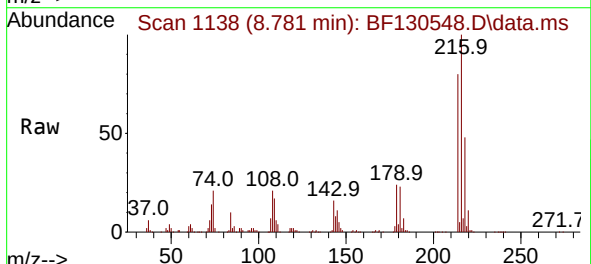
Tgt Ion:164 Resp: 19668
Ion Ratio Lower Upper
164 100
162 100.6 81.4 122.0
160 44.9 36.2 54.4

Manual Integrations
APPROVED

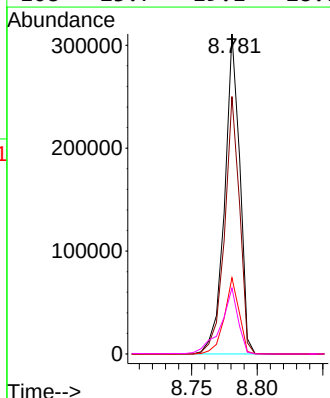
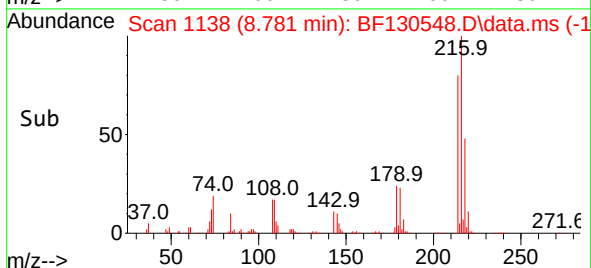
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022

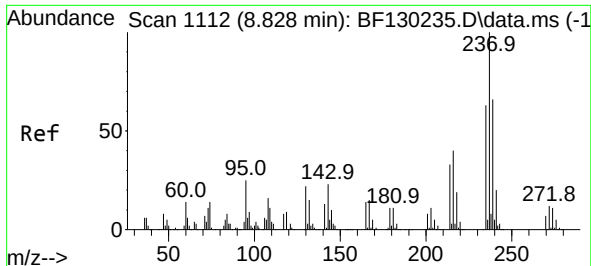


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.408 ng
RT: 8.781 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21



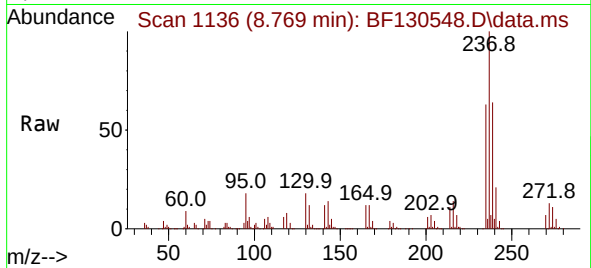
Tgt Ion:216 Resp: 249101
Ion Ratio Lower Upper
216 100
214 79.2 62.8 94.2
179 23.1 19.5 29.3
108 23.7 19.1 28.7





#41
Hexachlorocyclopentadiene
Concen: 85.396 ng
RT: 8.769 min Scan# 1112
Delta R.T. 0.006 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21

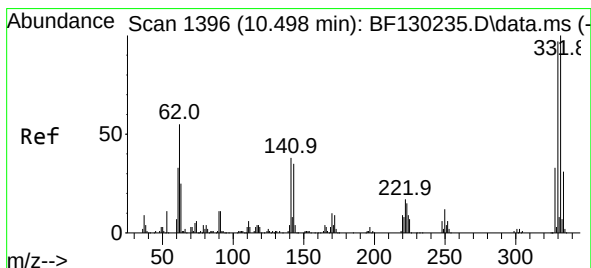
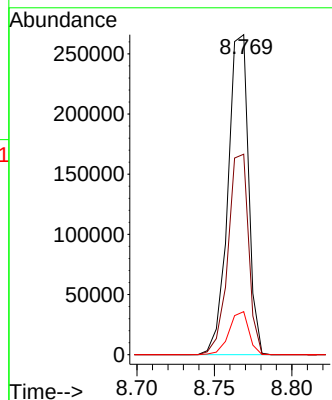
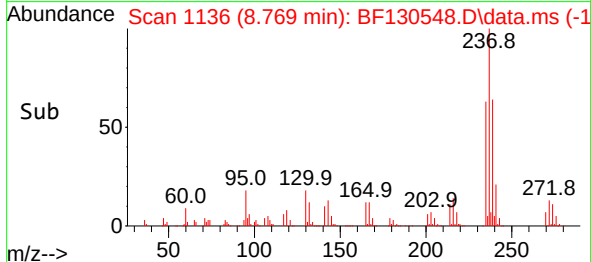
Instrument :
BNA_F
ClientSampleId :
PB148116BS



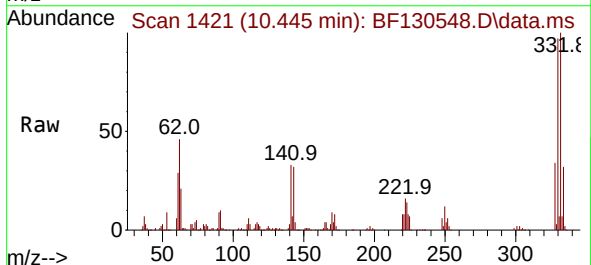
Tgt Ion:237 Resp: 245408
Ion Ratio Lower Upper
237 100
235 62.7 42.5 82.5
272 13.5 0.0 32.8

Manual Integrations
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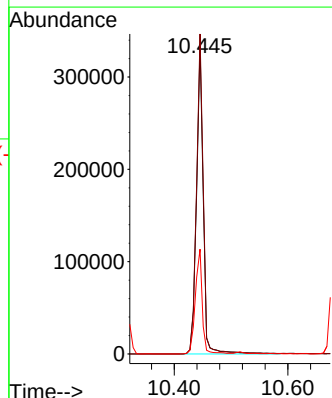
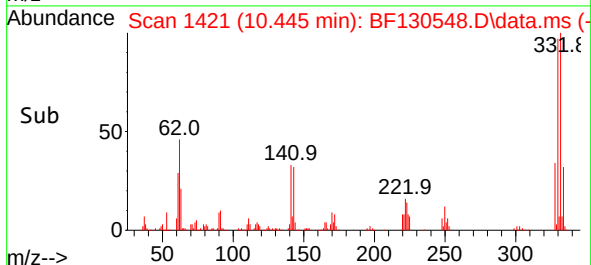
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022

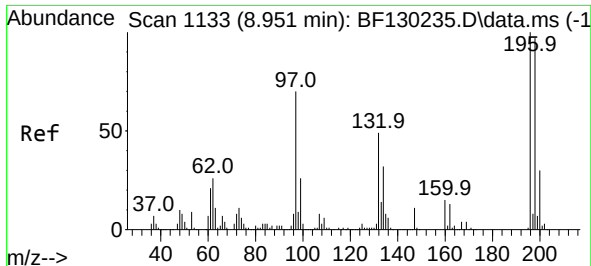


#42
2,4,6-Tribromophenol
Concen: 148.518 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21



Tgt Ion:330 Resp: 279896
Ion Ratio Lower Upper
330 100
332 104.0 83.4 125.2
141 34.5 34.0 51.0





#43

2,4,6-Trichlorophenol

Concen: 43.792 ng

RT: 8.898 min Scan# 1158

Delta R.T. 0.000 min

Lab File: BF130548.D

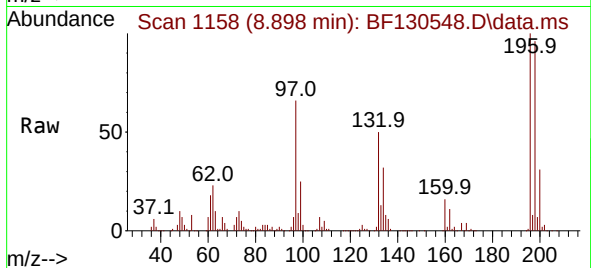
Acq: 06 Oct 2022 13:21

Instrument :

BNA_F

ClientSampleId :

PB148116BS



Tgt Ion:196 Resp: 164050

Ion Ratio Lower Upper

196 100

198 95.7 72.4 108.6

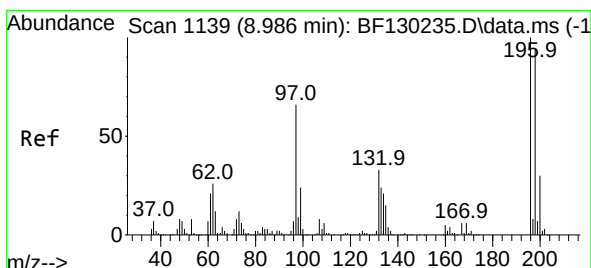
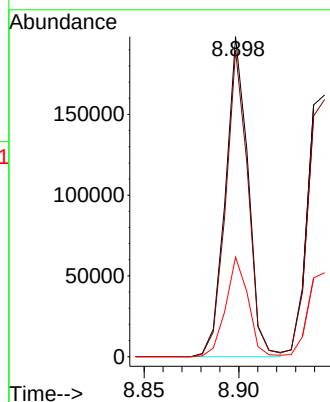
200 31.1 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/07/2022

Supervised By :Jagrut Upadhyay 10/10/2022



#44

2,4,5-Trichlorophenol

Concen: 43.013 ng

RT: 8.945 min Scan# 1166

Delta R.T. 0.006 min

Lab File: BF130548.D

Acq: 06 Oct 2022 13:21

Tgt Ion:196 Resp: 173878

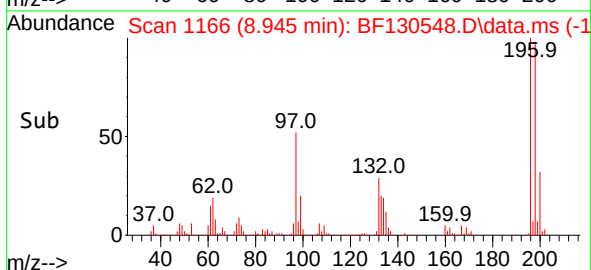
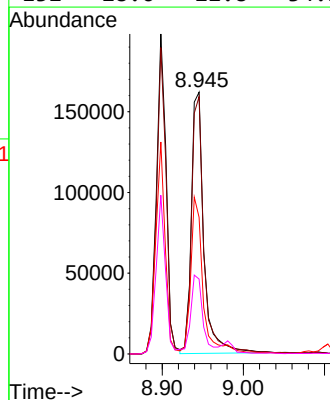
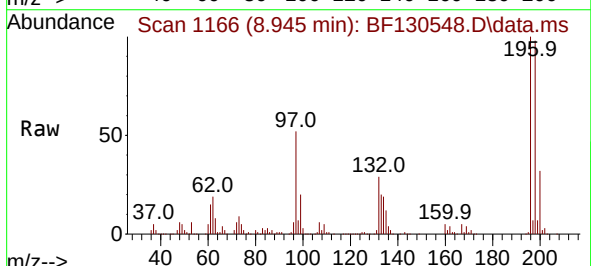
Ion Ratio Lower Upper

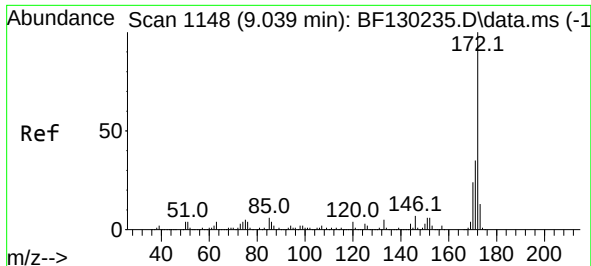
196 100

198 98.3 74.8 112.2

97 52.2 43.7 65.5

132 28.6 22.8 34.2





#45
2-Fluorobiphenyl
Concen: 84.328 ng
RT: 8.981 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21

Instrument :

BNA_F

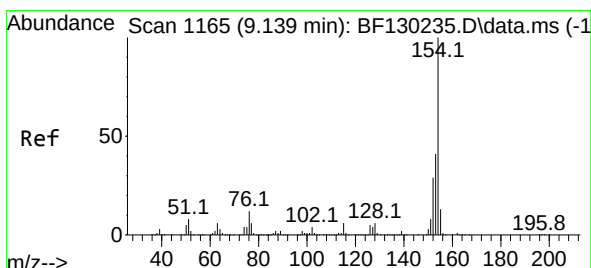
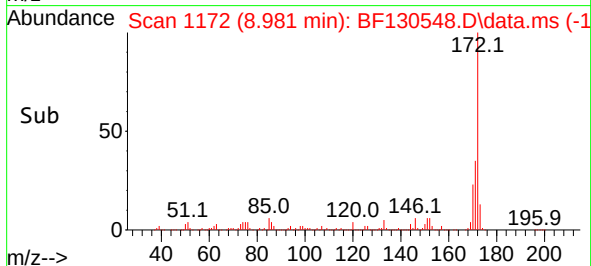
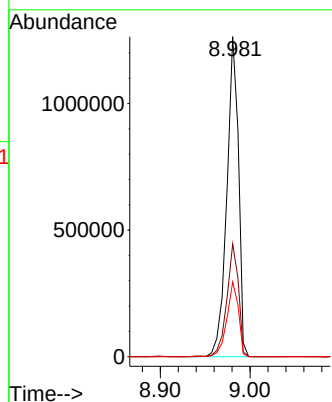
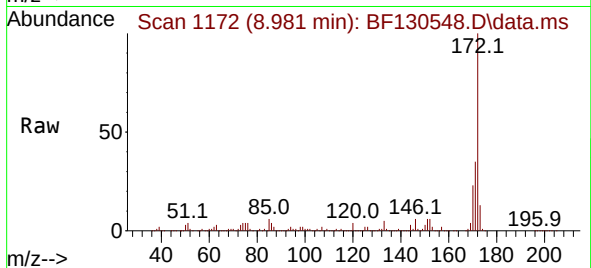
ClientSampleId :

PB148116BS

Tgt Ion:172 Resp: 113898
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.3 18.7 28.1

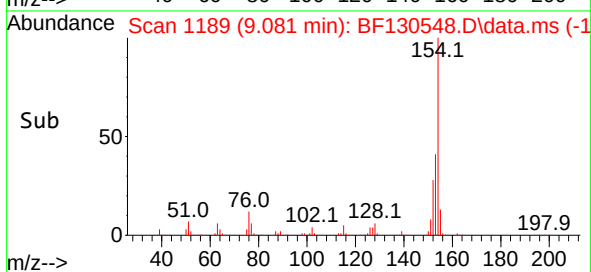
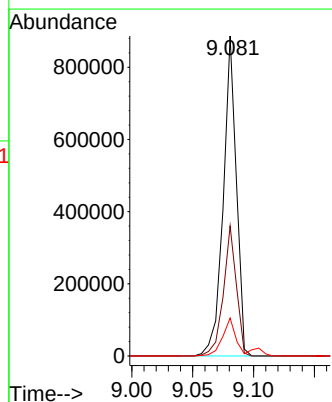
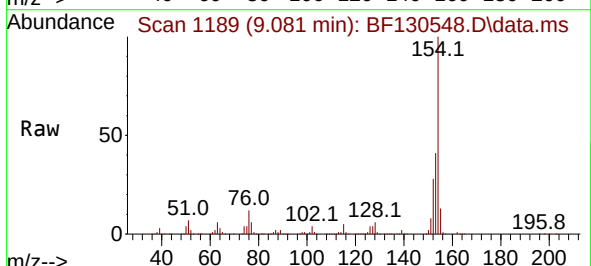
Manual Integrations
APPROVED

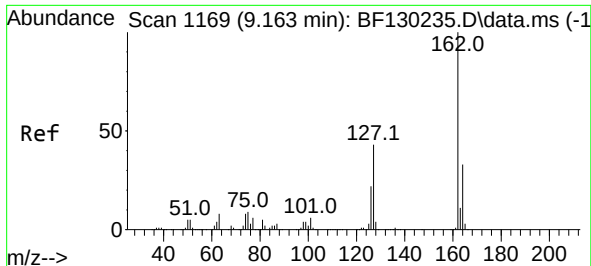
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#46
1,1'-Biphenyl
Concen: 45.278 ng
RT: 9.081 min Scan# 1189
Delta R.T. 0.000 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21

Tgt Ion:154 Resp: 665095
Ion Ratio Lower Upper
154 100
153 40.6 20.0 60.0
76 11.9 0.0 33.3





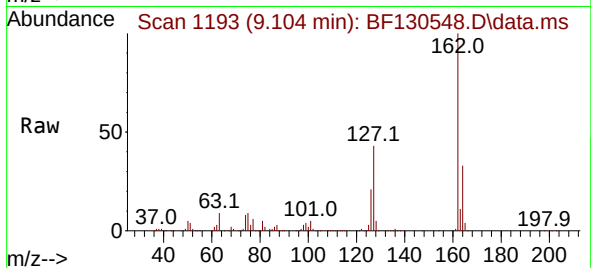
#47
2-Chloronaphthalene
Concen: 43.174 ng
RT: 9.104 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21

Instrument :

BNA_F

ClientSampleId :

PB148116BS

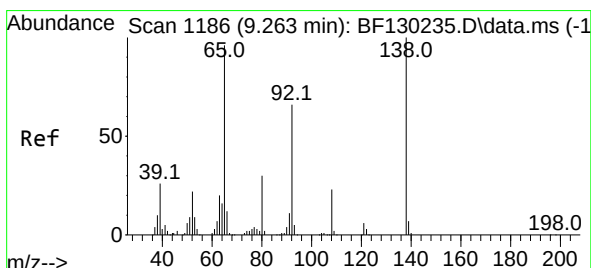
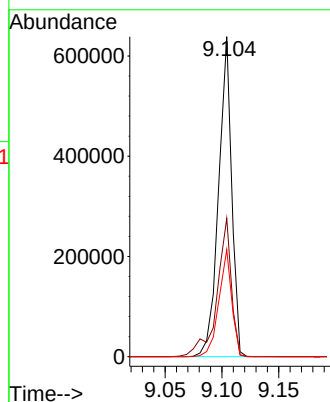
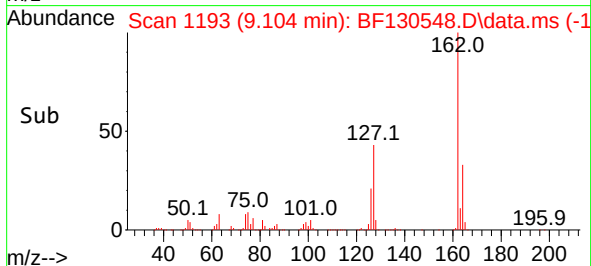


Tgt Ion:162 Resp: 51301
Ion Ratio Lower Upper
162 100
127 43.3 35.9 53.9
164 33.5 26.2 39.2

Manual Integrations

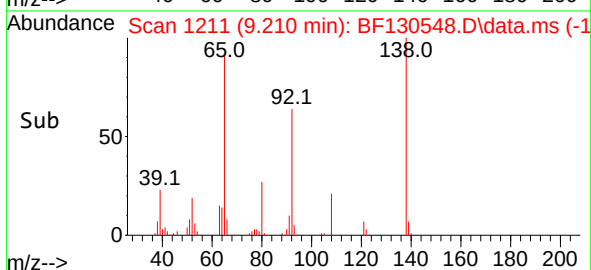
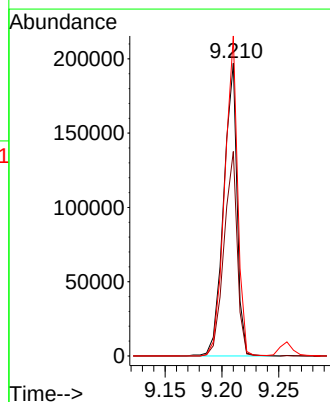
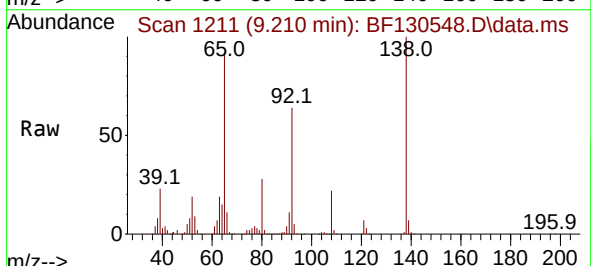
APPROVED

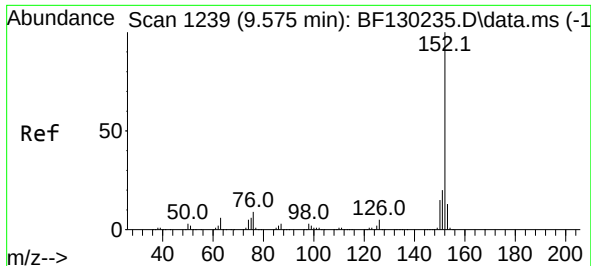
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#48
2-Nitroaniline
Concen: 40.965 ng
RT: 9.210 min Scan# 1211
Delta R.T. 0.006 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21

Tgt Ion: 65 Resp: 162354
Ion Ratio Lower Upper
65 100
92 69.8 52.2 78.4
138 109.3 77.0 115.4





#49

Acenaphthylene

Concen: 43.745 ng

RT: 9.516 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF130548.D

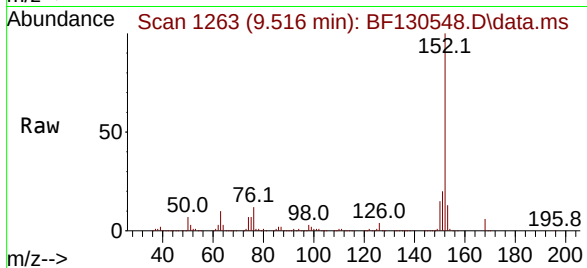
Acq: 06 Oct 2022 13:21

Instrument :

BNA_F

ClientSampleId :

PB148116BS



Tgt Ion:152 Resp: 77937

Ion Ratio Lower Upper

152 100

151 19.8 16.2 24.2

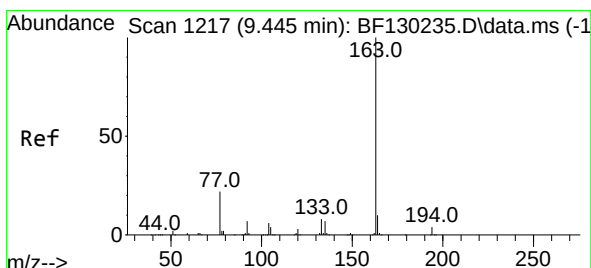
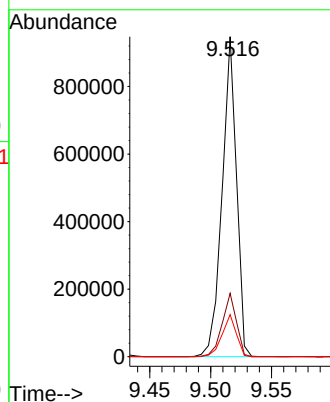
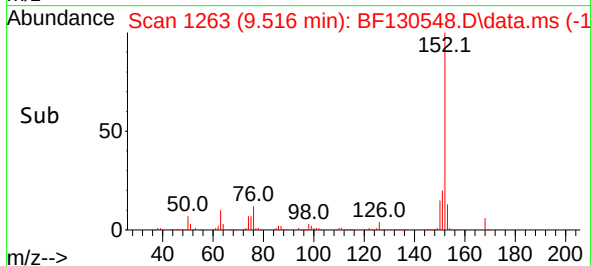
153 13.2 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/07/2022

Supervised By :Jagrut Upadhyay 10/10/2022



#50

Dimethylphthalate

Concen: 44.775 ng

RT: 9.392 min Scan# 1242

Delta R.T. 0.006 min

Lab File: BF130548.D

Acq: 06 Oct 2022 13:21

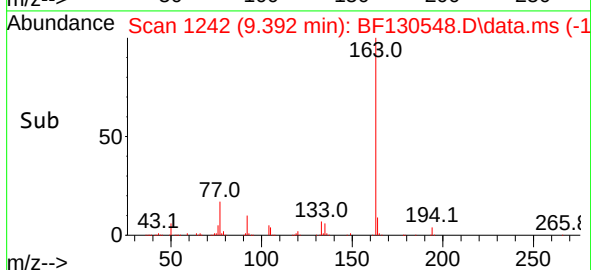
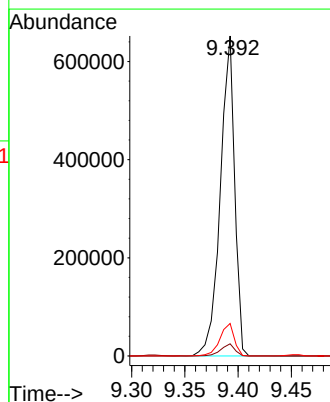
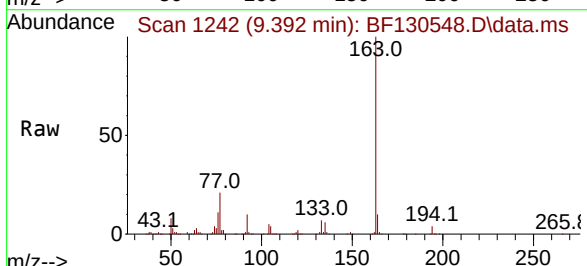
Tgt Ion:163 Resp: 608314

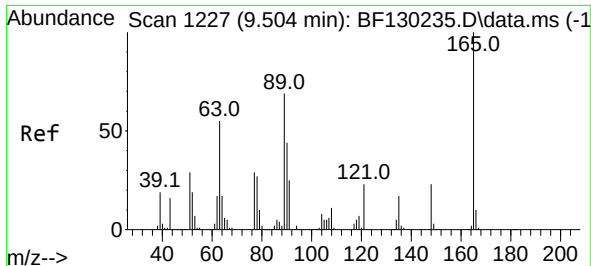
Ion Ratio Lower Upper

163 100

194 3.8 2.8 4.2

164 10.1 8.2 12.2





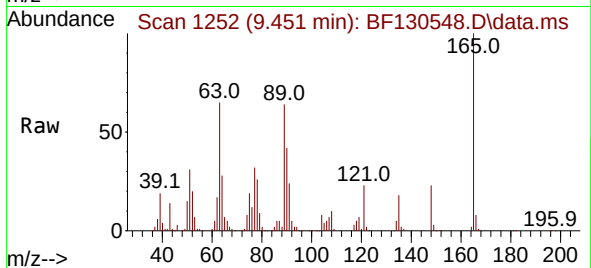
#51
2,6-Dinitrotoluene
Concen: 48.935 ng
RT: 9.451 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21

Instrument :

BNA_F

ClientSampleId :

PB148116BS

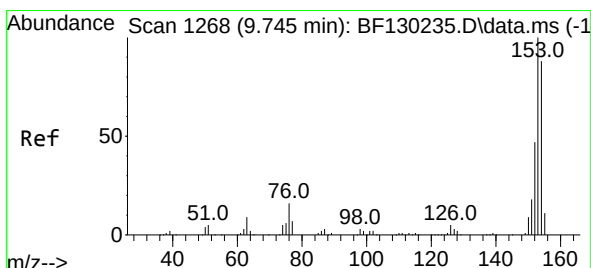
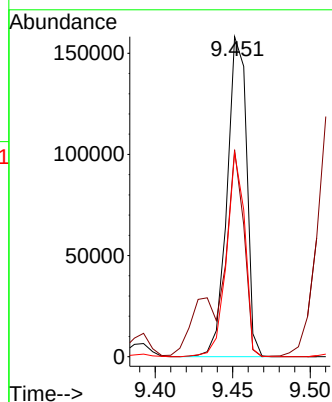
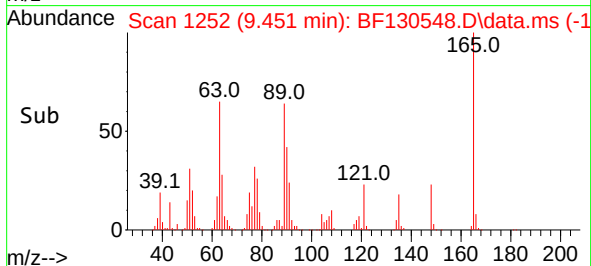


Tgt Ion:165 Resp: 13904
Ion Ratio Lower Upper
165 100
63 64.6 58.8 88.2
89 63.7 54.5 81.7

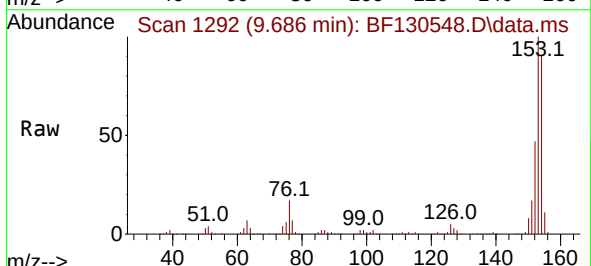
Manual Integrations

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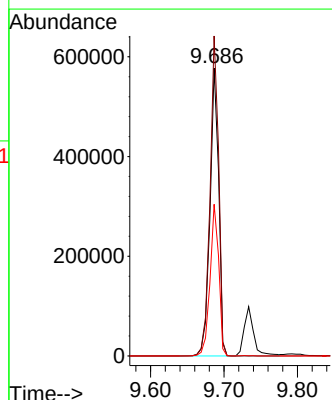
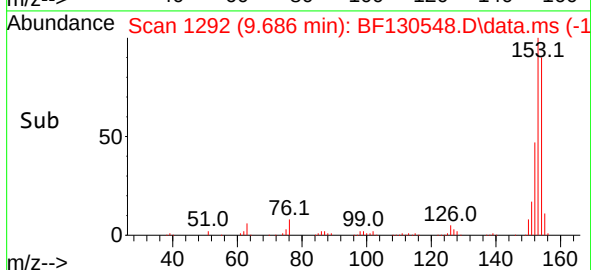
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022

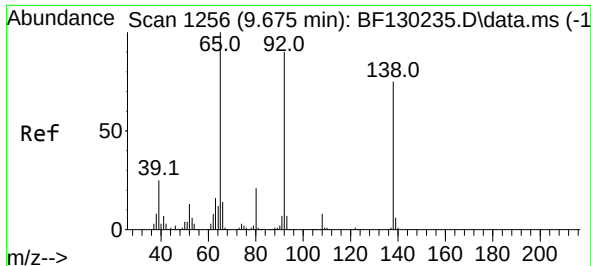


#52
Acenaphthene
Concen: 47.940 ng m
RT: 9.686 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21



Tgt Ion:154 Resp: 561179
Ion Ratio Lower Upper
154 100
153 111.2 90.6 136.0
152 52.7 43.8 65.6





#53
3-Nitroaniline
Concen: 33.799 ng
RT: 9.622 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21

Instrument :

BNA_F

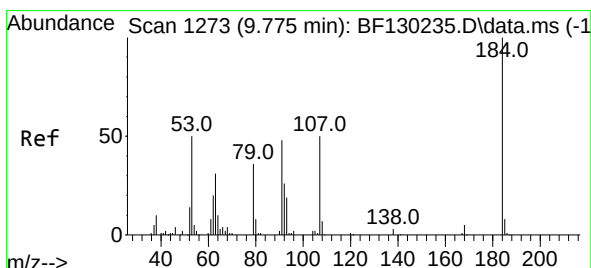
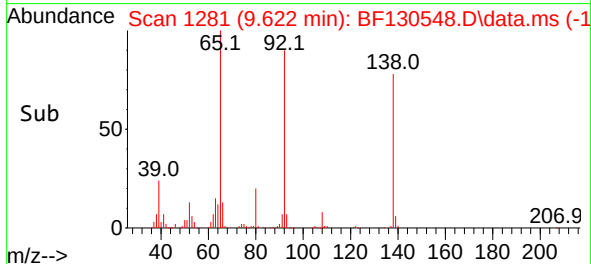
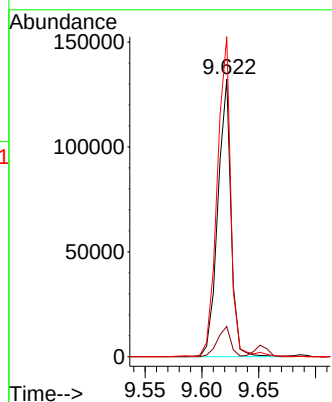
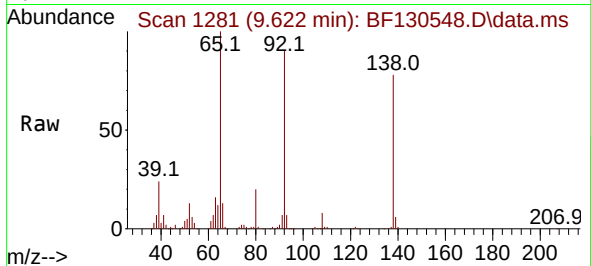
ClientSampleId :

PB148116BS

Tgt Ion:138 Resp: 107010
Ion Ratio Lower Upper
138 100
108 10.9 9.2 13.8
92 115.3 99.2 148.8

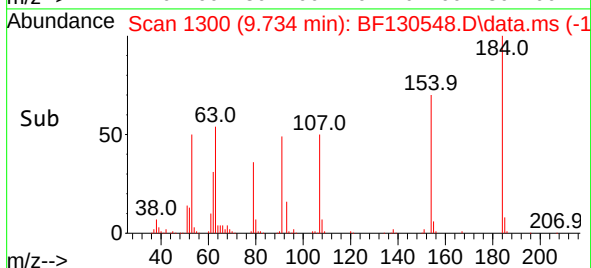
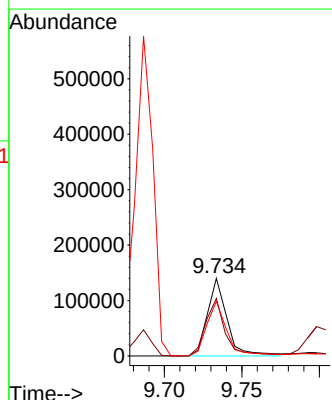
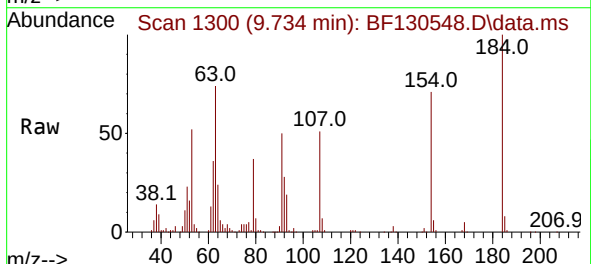
Manual Integrations
APPROVED

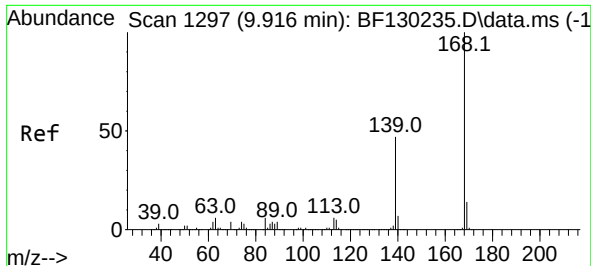
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#54
2,4-Dinitrophenol
Concen: 80.281 ng
RT: 9.734 min Scan# 1300
Delta R.T. 0.006 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21

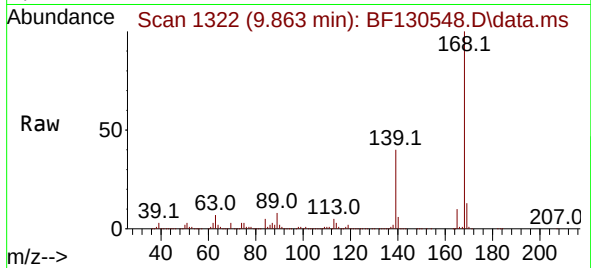
Tgt Ion:184 Resp: 123776
Ion Ratio Lower Upper
184 100
63 74.0 70.0 105.0
154 70.5 63.0 94.6





#55
Dibenzenofuran
Concen: 44.619 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21

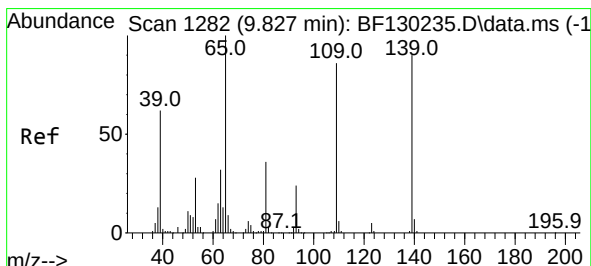
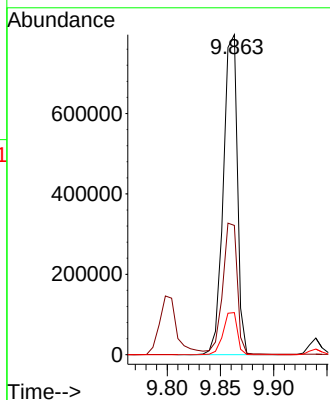
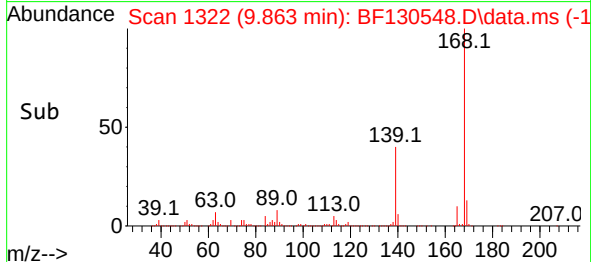
Instrument :
BNA_F
ClientSampleId :
PB148116BS



Tgt Ion:168 Resp: 72647
Ion Ratio Lower Upper
168 100
139 40.4 35.0 52.4
169 13.1 10.9 16.3

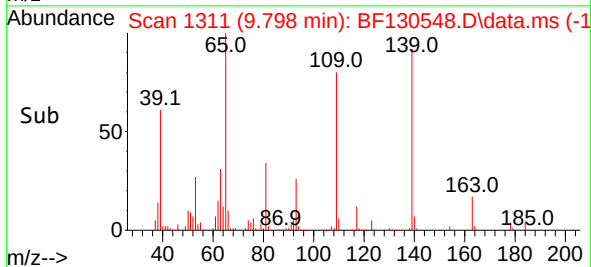
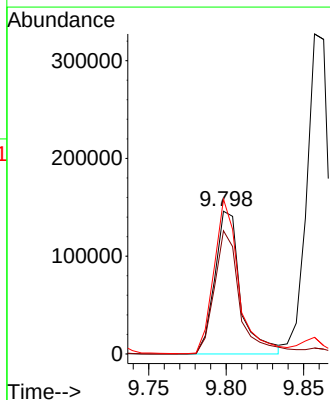
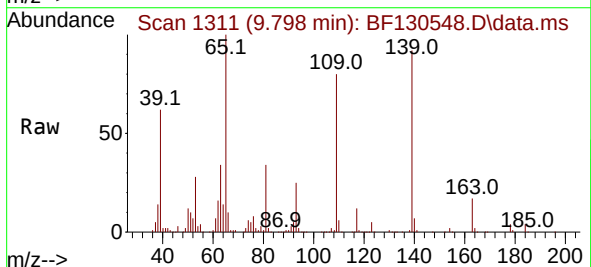
Manual Integrations
APPROVED

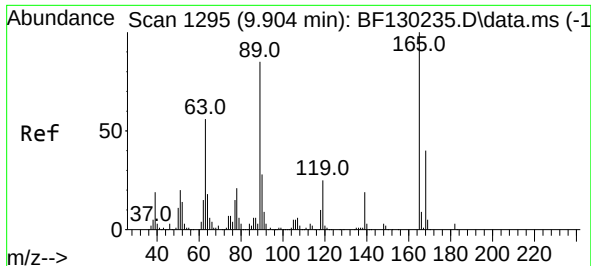
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#56
4-Nitrophenol
Concen: 73.145 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.006 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21

Tgt Ion:139 Resp: 168673
Ion Ratio Lower Upper
139 100
109 86.3 72.2 112.2
65 108.5 97.7 137.7





#57

2,4-Dinitrotoluene

Concen: 48.078 ng

RT: 9.857 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF130548.D

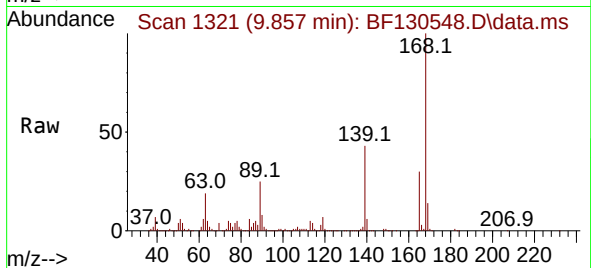
Acq: 06 Oct 2022 13:21

Instrument :

BNA_F

ClientSampleId :

PB148116BS



Tgt Ion:165 Resp: 174584

Ion Ratio Lower Upper

165 100

63 63.4 44.7 67.1

89 82.4 69.0 103.4

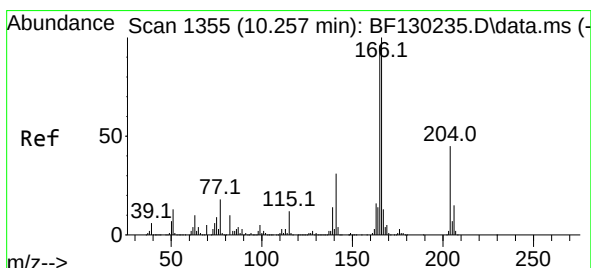
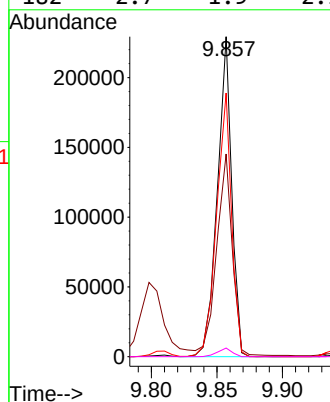
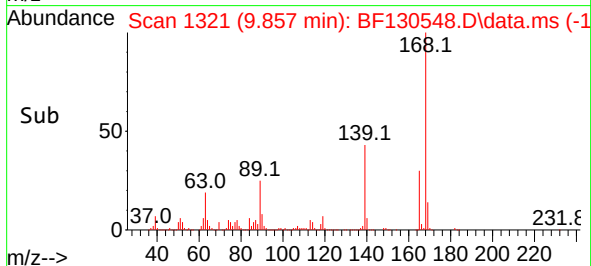
182 2.7 1.9 2.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/07/2022

Supervised By :Jagrut Upadhyay 10/10/2022



#58

Fluorene

Concen: 44.492 ng

RT: 10.204 min Scan# 1380

Delta R.T. 0.006 min

Lab File: BF130548.D

Acq: 06 Oct 2022 13:21

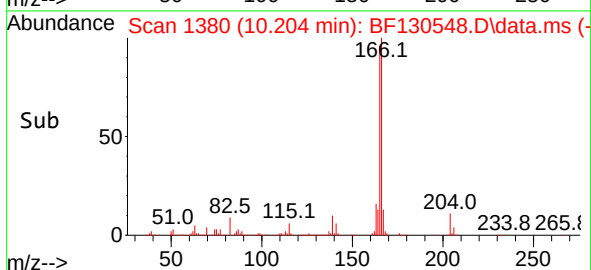
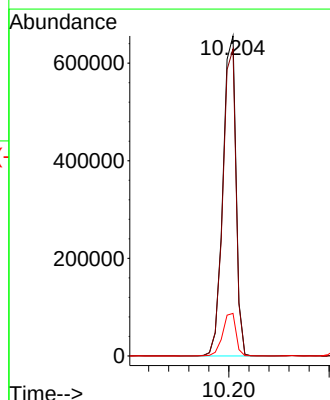
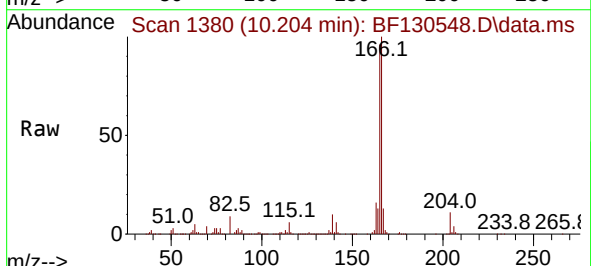
Tgt Ion:166 Resp: 592442

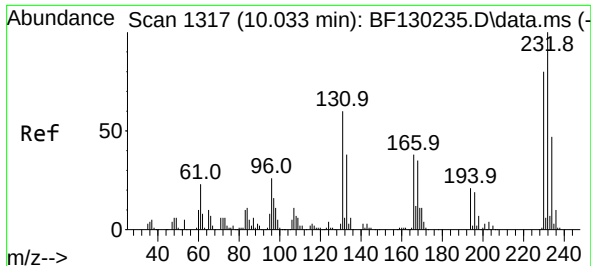
Ion Ratio Lower Upper

166 100

165 95.9 78.8 118.2

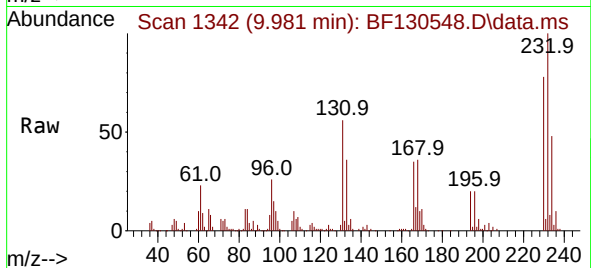
167 13.3 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.882 ng
RT: 9.981 min Scan# 1342
Delta R.T. 0.000 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21

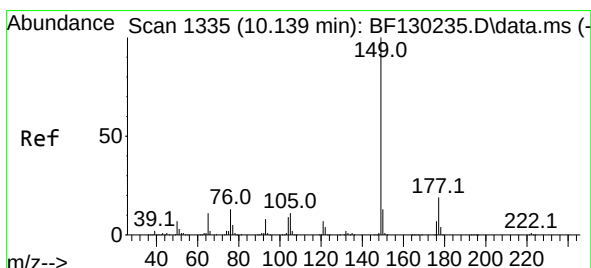
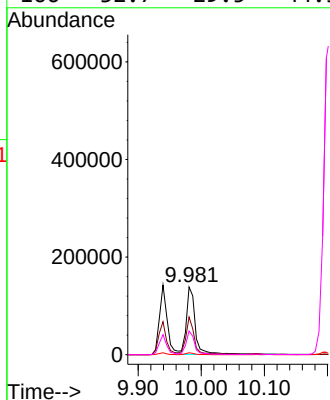
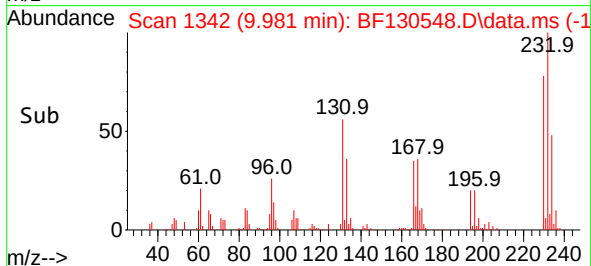
Instrument :
BNA_F
ClientSampleId :
PB148116BS



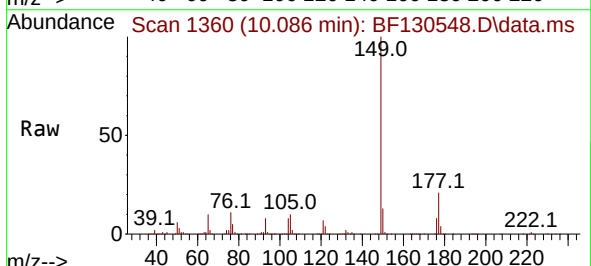
Tgt Ion:232 Resp: 13884
Ion Ratio Lower Upper
232 100
131 51.8 46.4 69.6
130 2.7 2.3 3.5
166 32.7 29.5 44.3

Manual Integrations
APPROVED

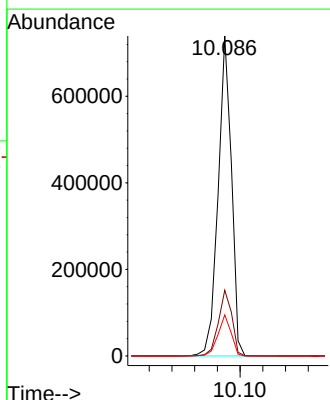
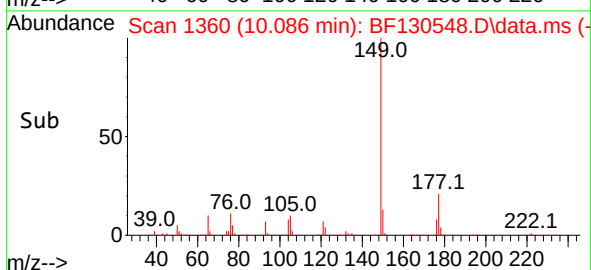
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022

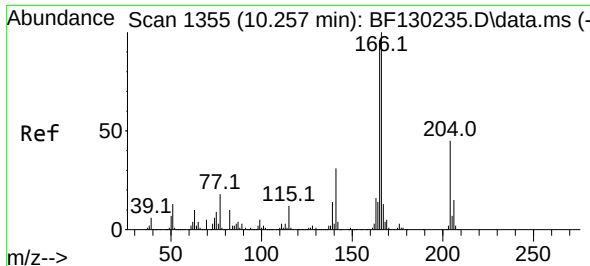


#60
Diethylphthalate
Concen: 44.049 ng
RT: 10.086 min Scan# 1360
Delta R.T. 0.006 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21



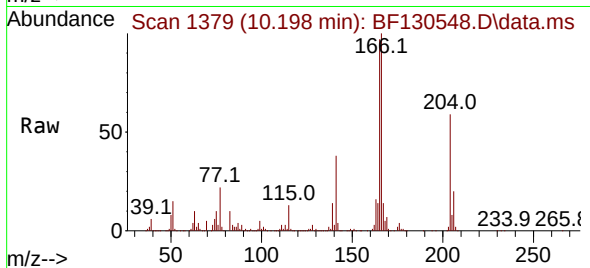
Tgt Ion:149 Resp: 600129
Ion Ratio Lower Upper
149 100
177 20.6 16.1 24.1
150 12.8 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 46.433 ng
RT: 10.198 min Scan# 1379
Delta R.T. 0.006 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21

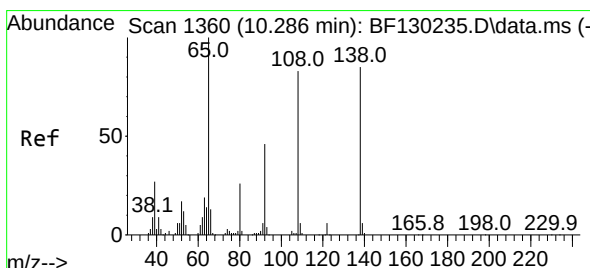
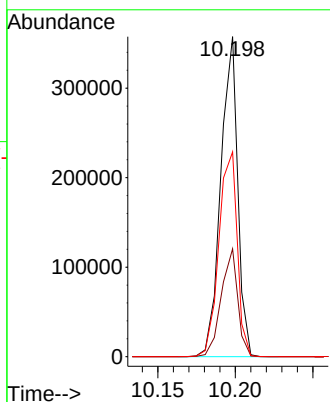
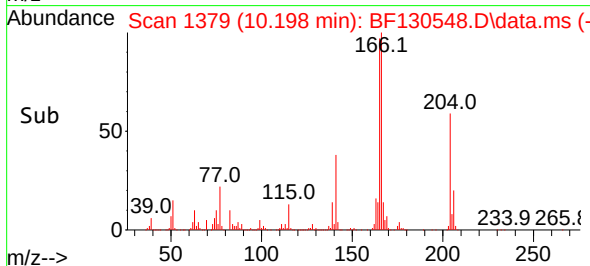
Instrument :
BNA_F
ClientSampleId :
PB148116BS



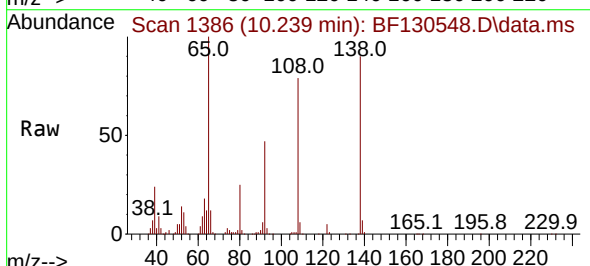
Tgt Ion:204 Resp: 271230
Ion Ratio Lower Upper
204 100
206 33.7 26.6 39.8
141 64.0 57.1 85.7

Manual Integrations
APPROVED

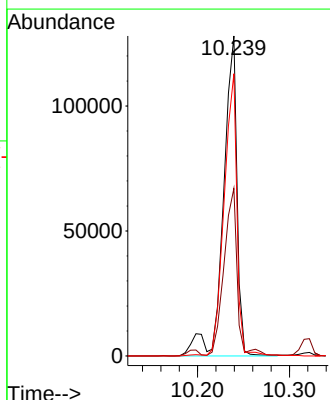
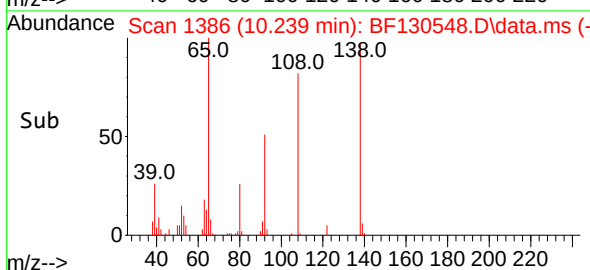
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022

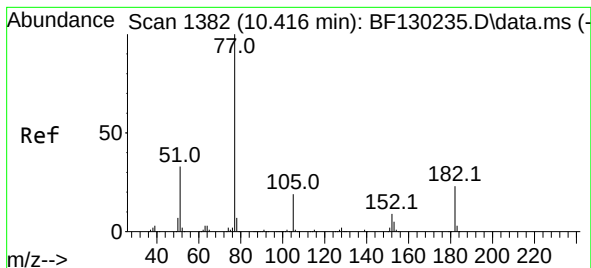


#62
4-Nitroaniline
Concen: 41.478 ng m
RT: 10.239 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21



Tgt Ion:138 Resp: 131924
Ion Ratio Lower Upper
138 100
92 52.4 36.7 76.7
108 88.2 78.2 118.2





#63
Azobenzene
Concen: 40.171 ng
RT: 10.357 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21

Instrument :

BNA_F

ClientSampleId :

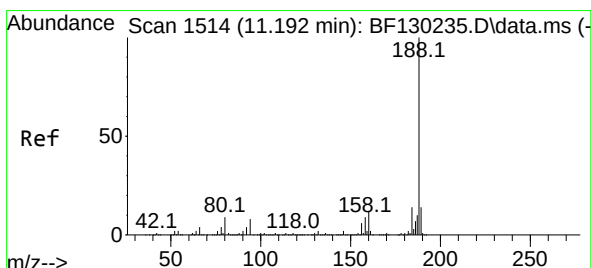
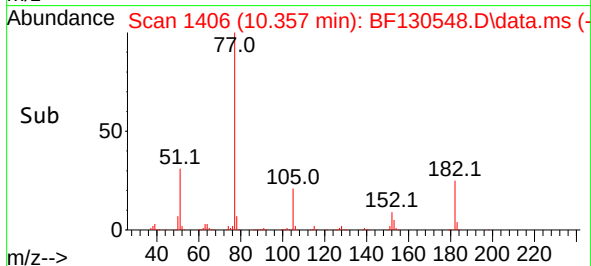
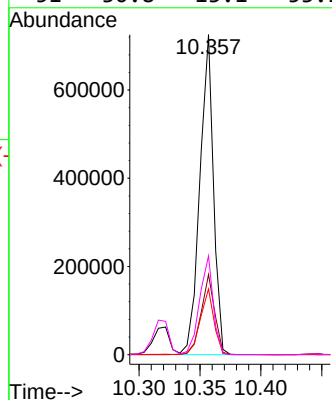
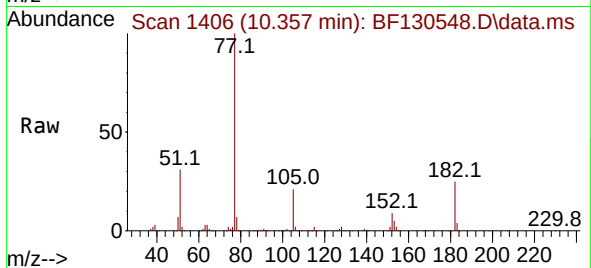
PB148116BS

Tgt Ion: 77 Resp: 563550
Ion Ratio Lower Upper
77 100
182 25.1 2.1 42.1
105 20.5 0.0 39.4
51 30.8 13.1 53.1

Manual Integrations

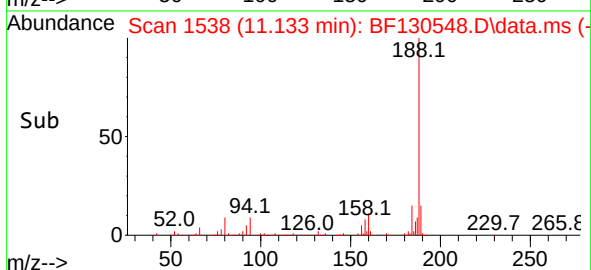
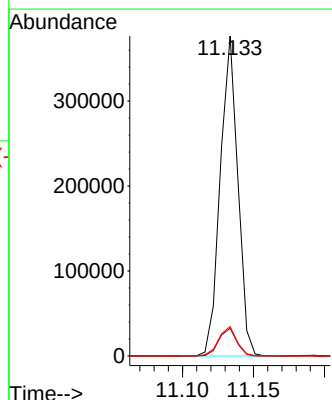
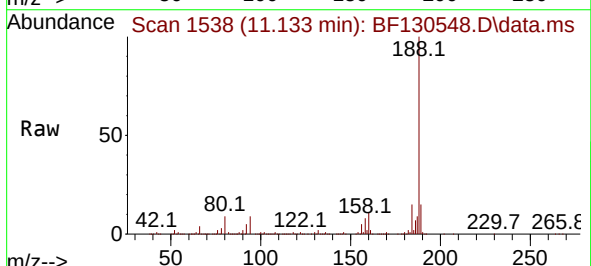
APPROVED

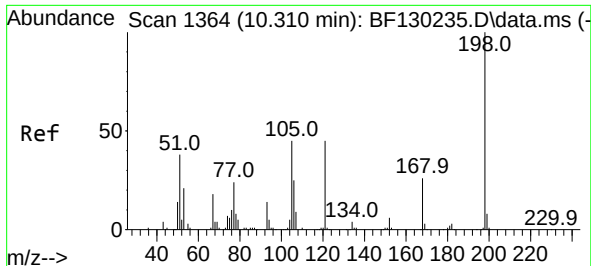
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.133 min Scan# 1538
Delta R.T. 0.000 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21

Tgt Ion:188 Resp: 323951
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.2
80 9.2 7.9 11.9





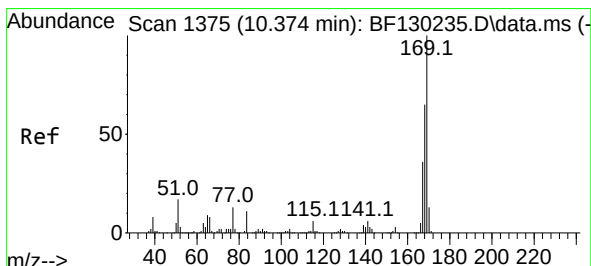
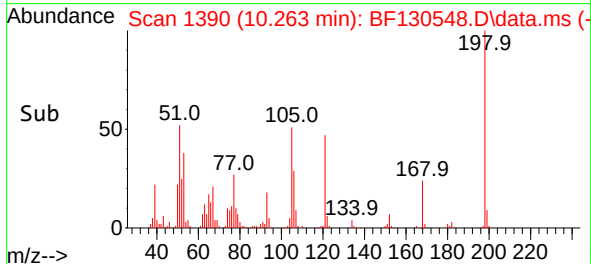
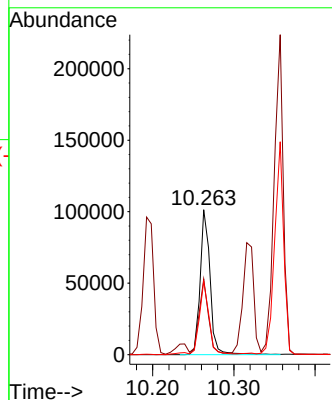
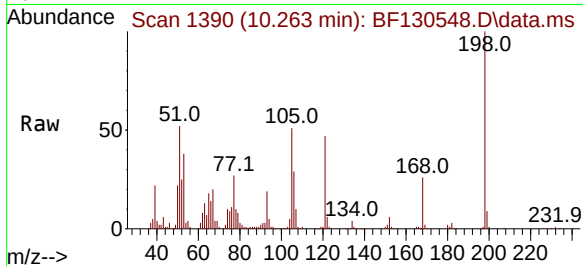
#65
4,6-Dinitro-2-methylphenol
Concen: 48.263 ng
RT: 10.263 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21

Instrument :
BNA_F
ClientSampleId :
PB148116BS

Tgt Ion:198 Resp: 87035
Ion Ratio Lower Upper
198 100
51 52.2 36.9 76.9
105 50.7 33.0 73.0

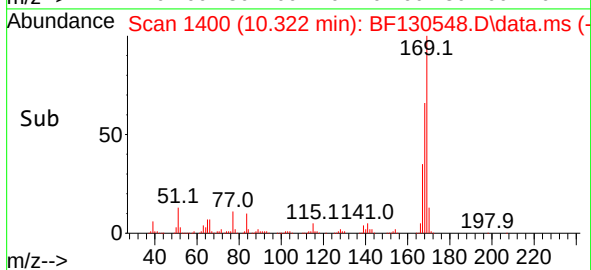
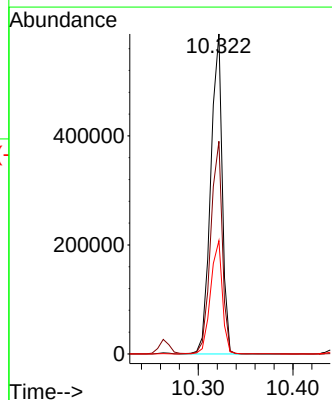
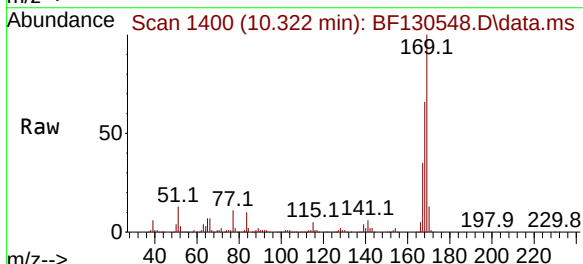
Manual Integrations
APPROVED

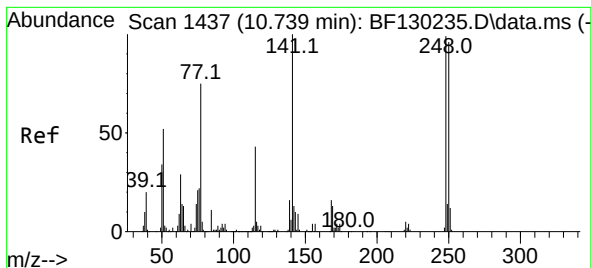
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#66
n-Nitrosodiphenylamine
Concen: 45.675 ng
RT: 10.322 min Scan# 1400
Delta R.T. 0.006 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21

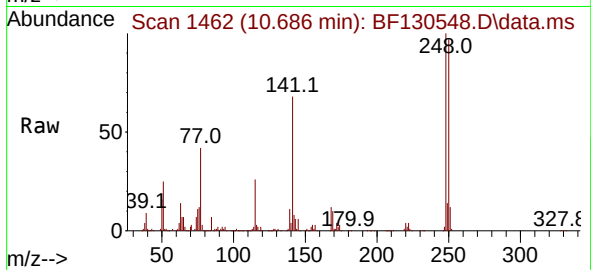
Tgt Ion:169 Resp: 494456
Ion Ratio Lower Upper
169 100
168 66.5 53.2 79.8
167 35.4 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 48.942 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21

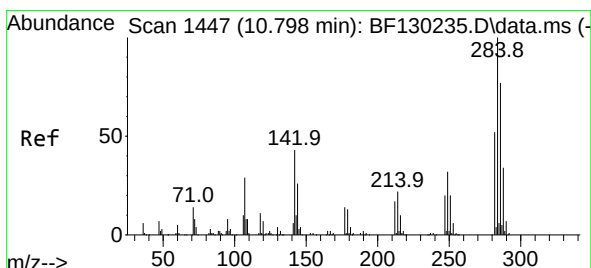
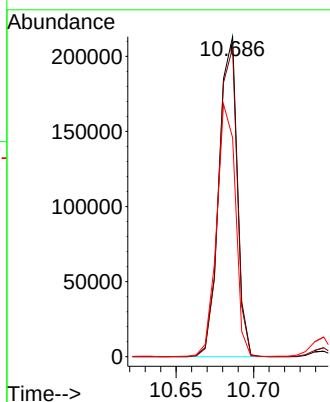
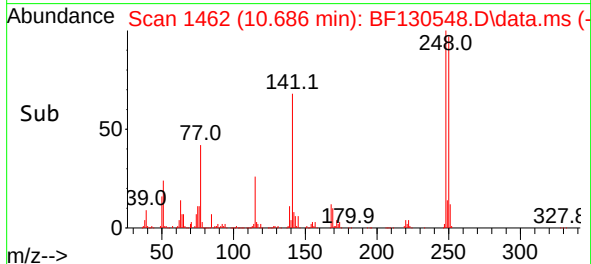
Instrument :
BNA_F
ClientSampleId :
PB148116BS



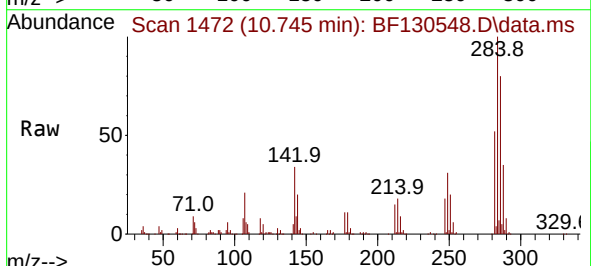
Tgt Ion:248 Resp: 174902
Ion Ratio Lower Upper
248 100
250 96.5 80.0 120.0
141 68.5 68.5 102.7

Manual Integrations
APPROVED

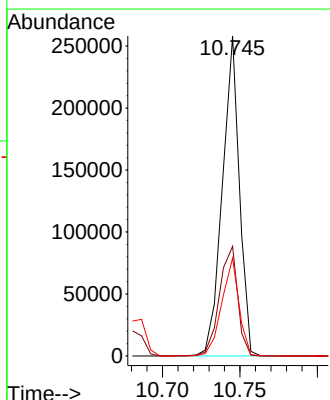
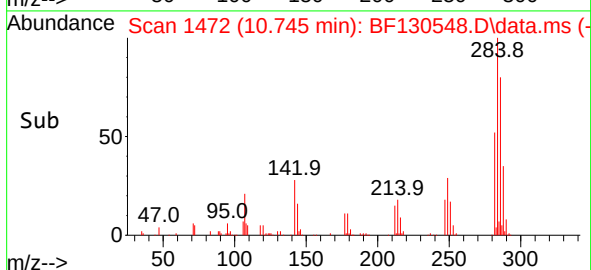
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022

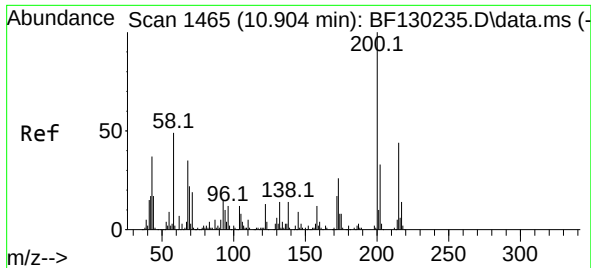


#68
Hexachlorobenzene
Concen: 48.667 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.006 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21



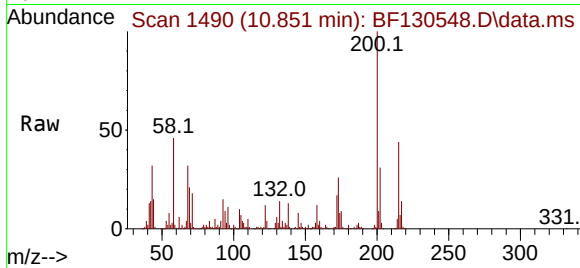
Tgt Ion:284 Resp: 197153
Ion Ratio Lower Upper
284 100
142 34.3 27.2 40.8
249 30.6 23.8 35.8





#69
 Atrazine
 Concen: 50.823 ng
 RT: 10.851 min Scan# 1465
 Delta R.T. 0.006 min
 Lab File: BF130548.D
 Acq: 06 Oct 2022 13:21

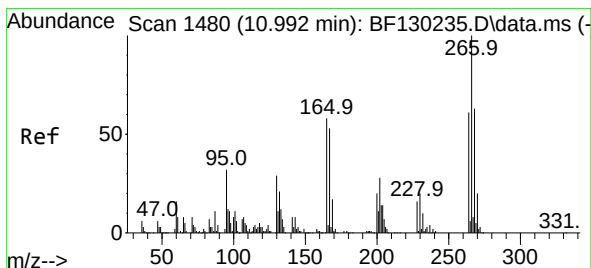
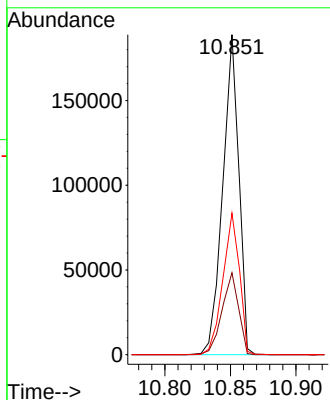
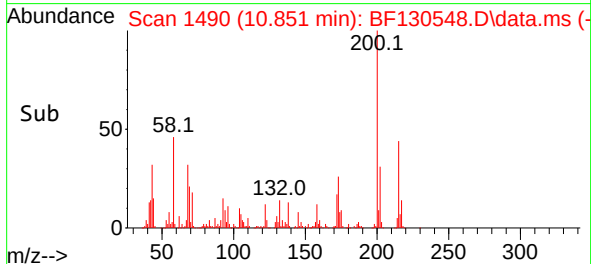
Instrument :
 BNA_F
 ClientSampleId :
 PB148116BS



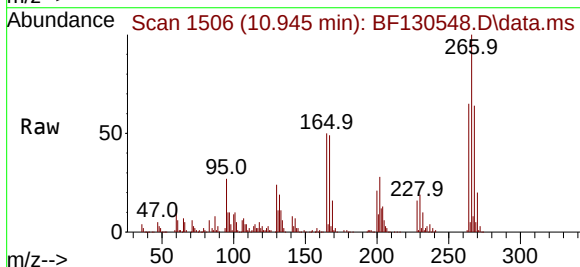
Tgt Ion:200 Resp: 160784
 Ion Ratio Lower Upper
 200 100
 173 25.6 6.2 46.2
 215 44.2 22.5 62.5

Manual Integrations
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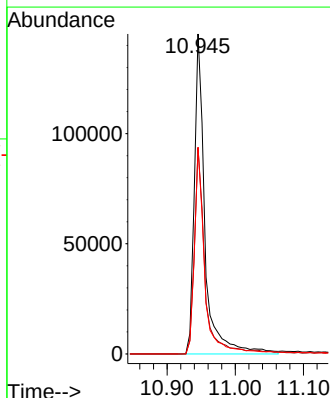
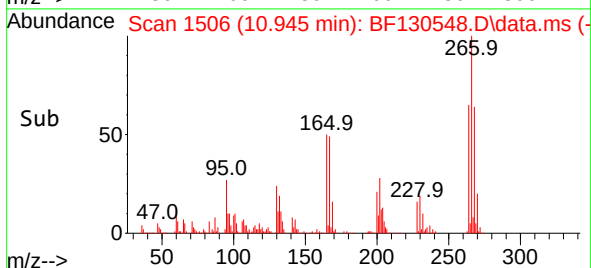
Reviewed By :Christian Giraldo 10/07/2022
 Supervised By :Jagrut Upadhyay 10/10/2022

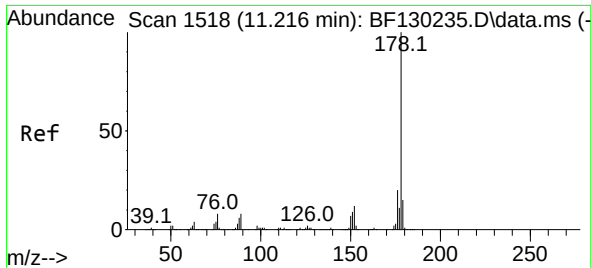


#70
 Pentachlorophenol
 Concen: 72.230 ng
 RT: 10.945 min Scan# 1506
 Delta R.T. 0.000 min
 Lab File: BF130548.D
 Acq: 06 Oct 2022 13:21



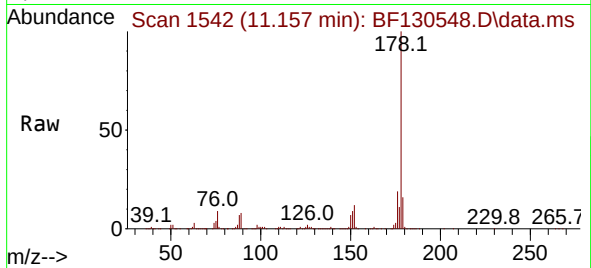
Tgt Ion:266 Resp: 157039
 Ion Ratio Lower Upper
 266 100
 268 64.4 50.5 75.7
 264 64.6 50.5 75.7





#71
Phenanthrene
Concen: 43.471 ng
RT: 11.157 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21

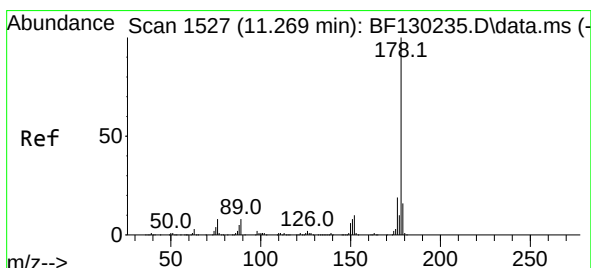
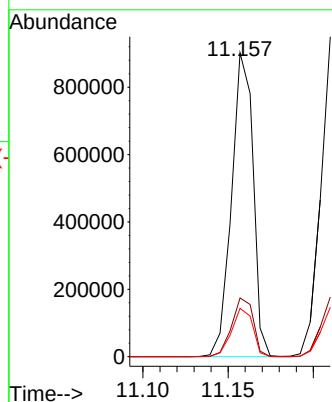
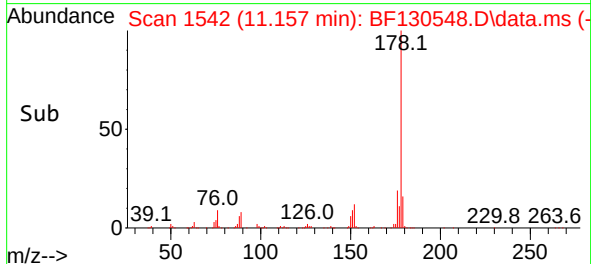
Instrument :
BNA_F
ClientSampleId :
PB148116BS



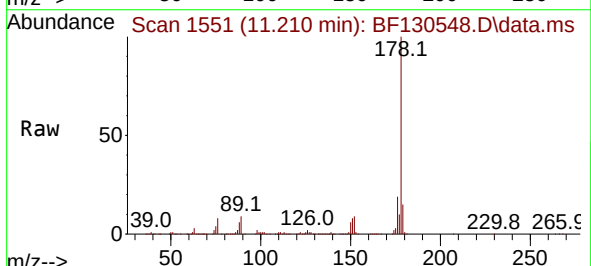
Tgt Ion:178 Resp: 79065
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.9 12.4 18.6

Manual Integrations
APPROVED

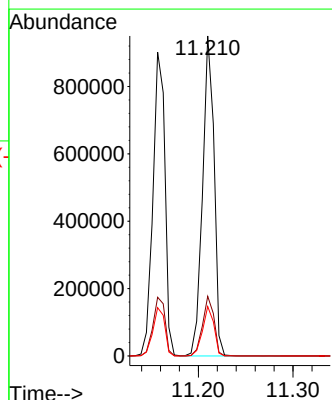
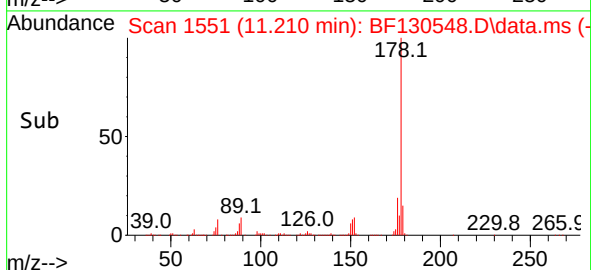
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022

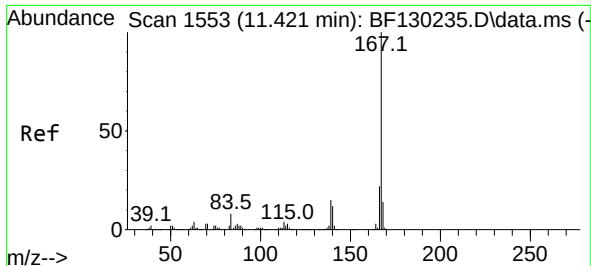


#72
Anthracene
Concen: 45.966 ng
RT: 11.210 min Scan# 1551
Delta R.T. 0.000 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21



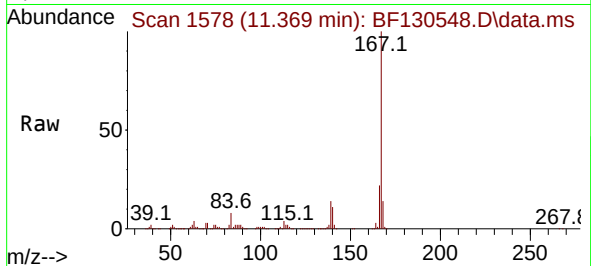
Tgt Ion:178 Resp: 806785
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.6
179 15.4 12.7 19.1





#73
 Carbazole
 Concen: 43.659 ng
 RT: 11.369 min Scan# 1634
 Delta R.T. 0.000 min
 Lab File: BF130548.D
 Acq: 06 Oct 2022 13:21

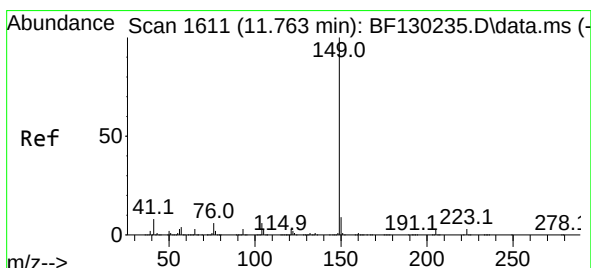
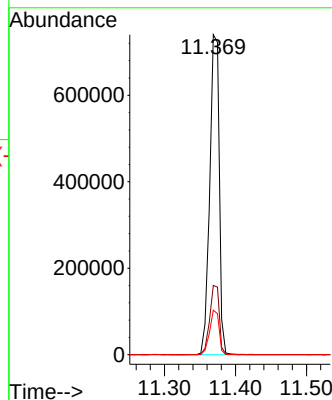
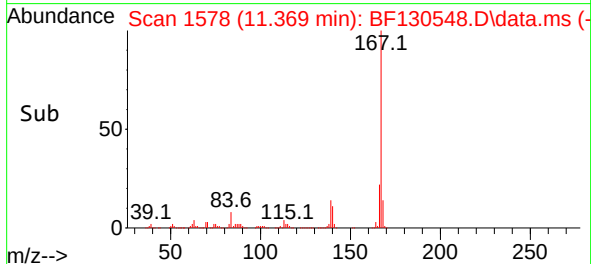
Instrument :
 BNA_F
 ClientSampleId :
 PB148116BS



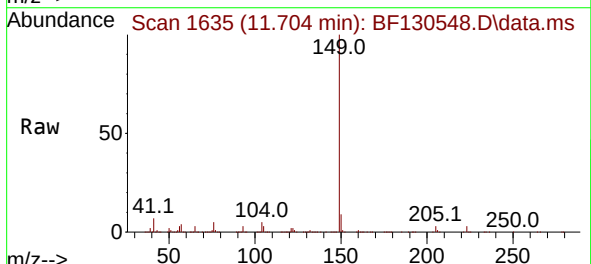
Tgt Ion:167 Resp: 691564
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.2
 139 13.9 11.6 17.4

Manual Integrations
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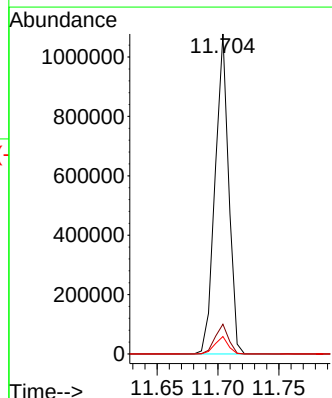
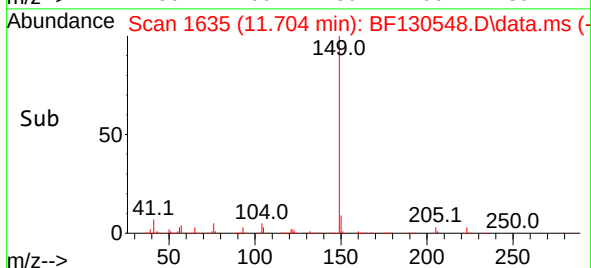
Reviewed By :Christian Giraldo 10/07/2022
 Supervised By :Jagrut Upadhyay 10/10/2022

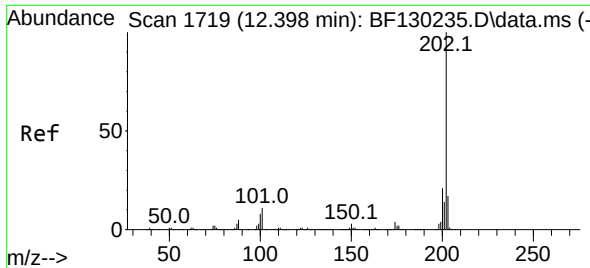


#74
 Di-n-butylphthalate
 Concen: 43.887 ng
 RT: 11.704 min Scan# 1635
 Delta R.T. 0.000 min
 Lab File: BF130548.D
 Acq: 06 Oct 2022 13:21



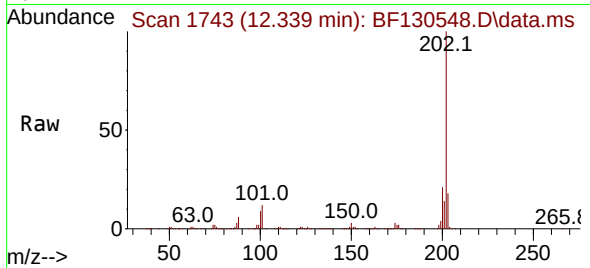
Tgt Ion:149 Resp: 838303
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.5 4.8 7.2





#75
Fluoranthene
Concen: 41.313 ng
RT: 12.339 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21

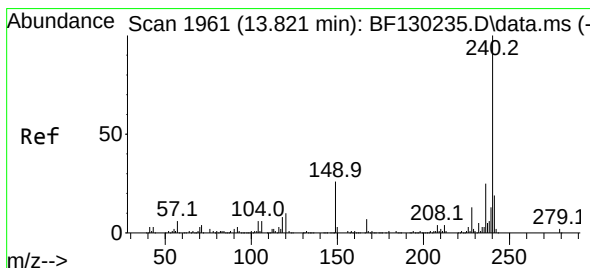
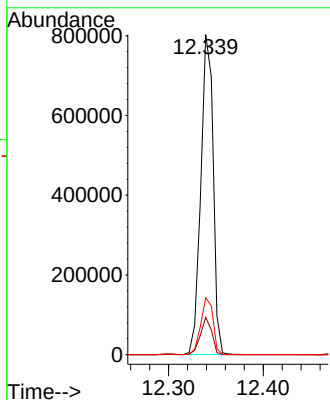
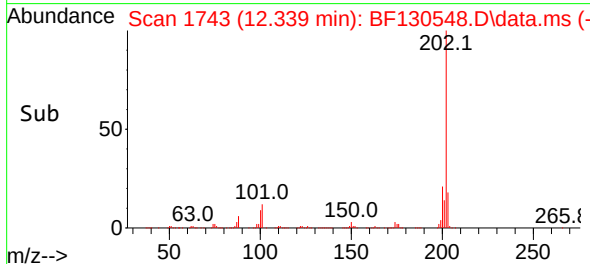
Instrument :
BNA_F
ClientSampleId :
PB148116BS



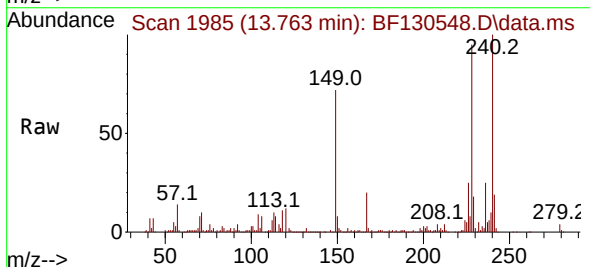
Tgt Ion:202 Resp: 72608
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.8
203 17.8 0.0 37.8

Manual Integrations
APPROVED

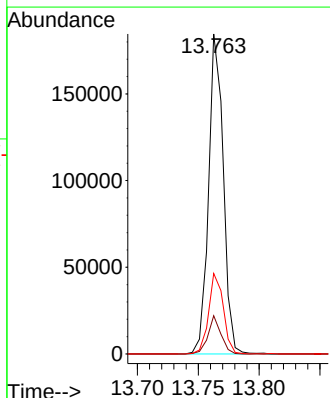
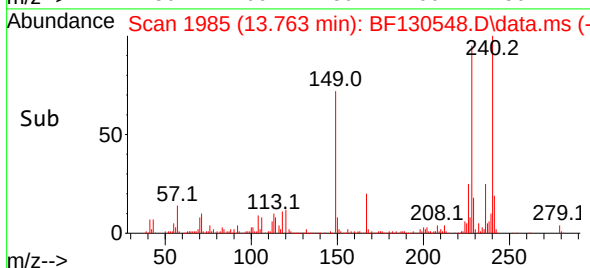
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022

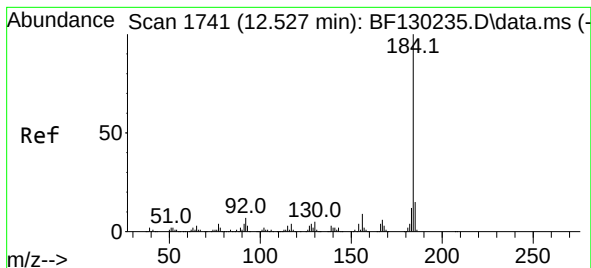


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.763 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21



Tgt Ion:240 Resp: 154768
Ion Ratio Lower Upper
240 100
120 12.0 8.7 13.1
236 25.2 20.9 31.3





#77

Benzidine

Concen: 56.091 ng

RT: 12.475 min Scan# 1766

Delta R.T. 0.006 min

Lab File: BF130548.D

Acq: 06 Oct 2022 13:21

Instrument :

BNA_F

ClientSampleId :

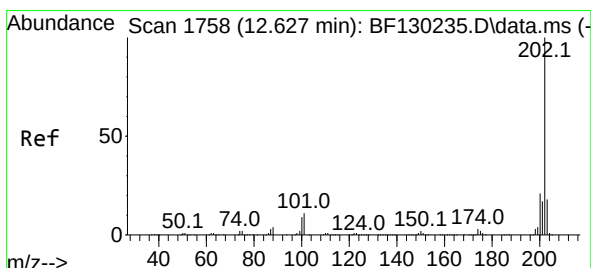
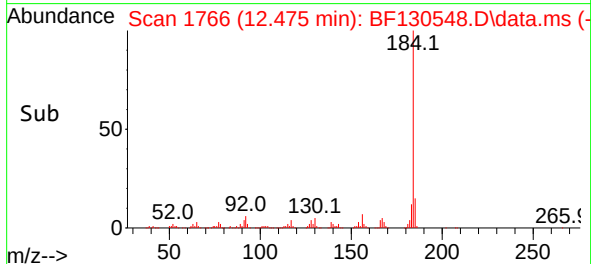
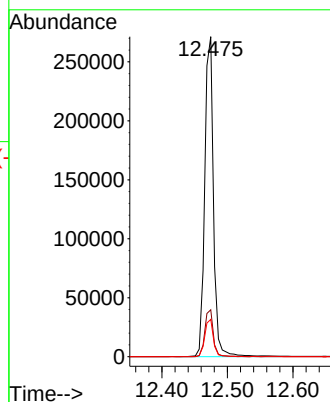
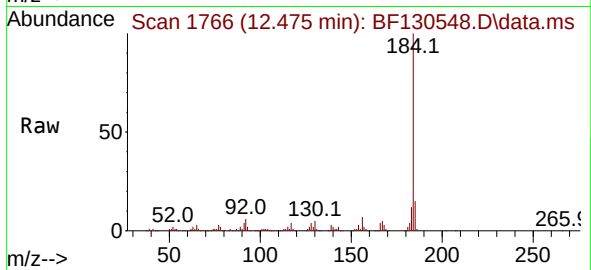
PB148116BS

Tgt Ion:	184	Resp:	252000
Ion Ratio	Lower	Upper	
184	100		
185	14.7	11.8	17.6
183	11.7	9.1	13.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#78

Pyrene

Concen: 52.212 ng

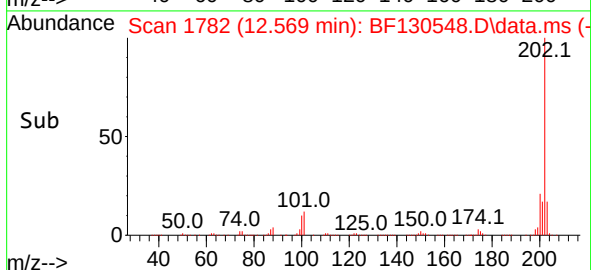
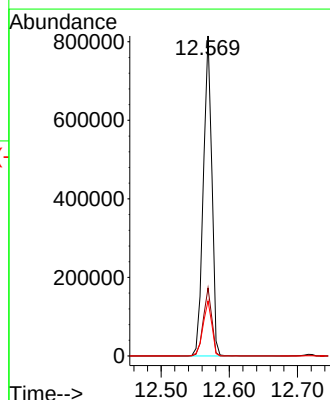
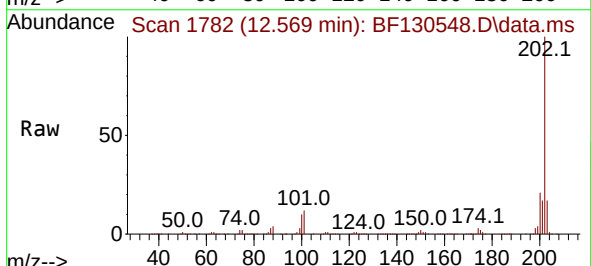
RT: 12.569 min Scan# 1782

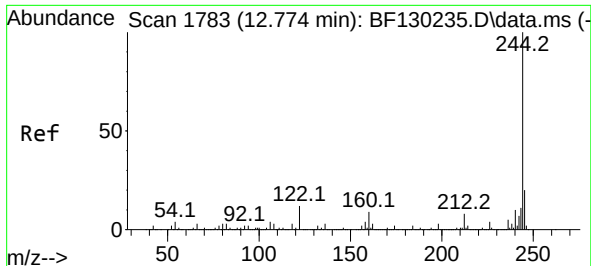
Delta R.T. 0.006 min

Lab File: BF130548.D

Acq: 06 Oct 2022 13:21

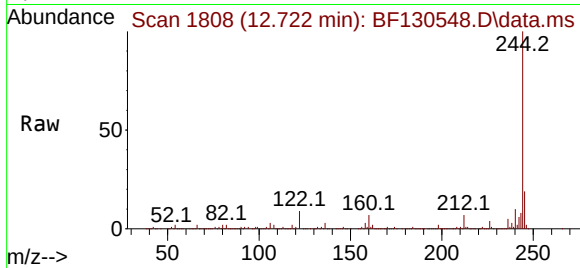
Tgt Ion:	202	Resp:	706902
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.2	25.8
203	17.2	14.3	21.5





#79
Terphenyl-d14
Concen: 107.101 ng
RT: 12.722 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21

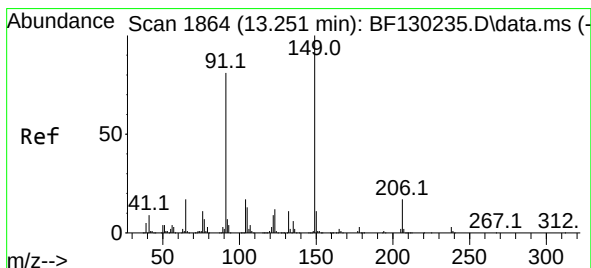
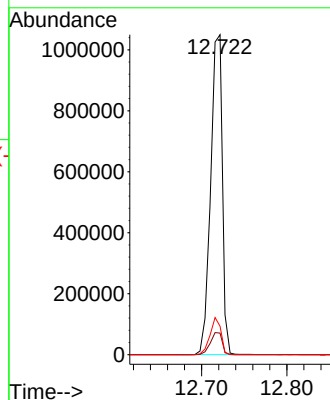
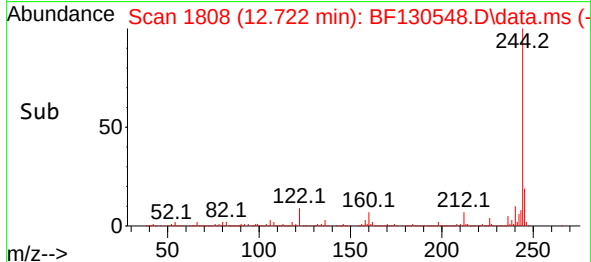
Instrument :
BNA_F
ClientSampleId :
PB148116BS



Tgt Ion:244 Resp: 1000654
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 8.9 8.5 12.7

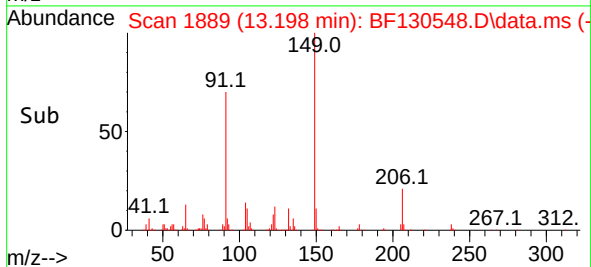
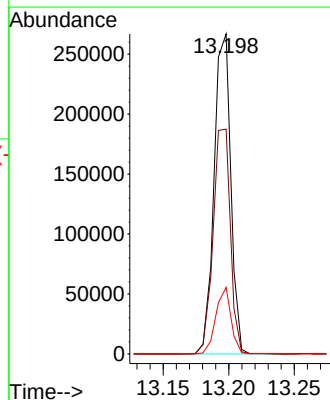
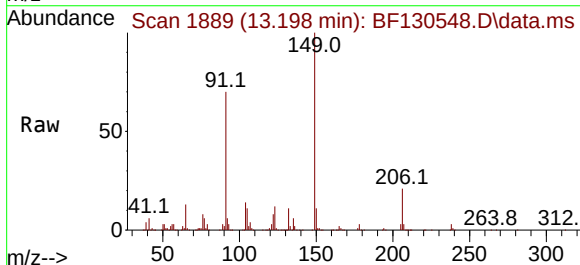
Manual Integrations
APPROVED

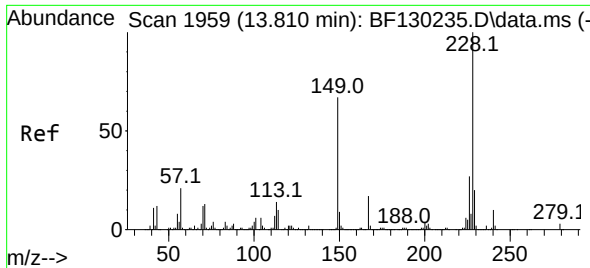
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#80
Butylbenzylphthalate
Concen: 47.095 ng
RT: 13.198 min Scan# 1889
Delta R.T. 0.006 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21

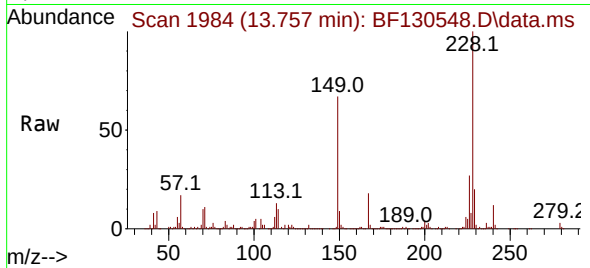
Tgt Ion:149 Resp: 236215
Ion Ratio Lower Upper
149 100
91 70.2 59.8 89.8
206 20.8 13.9 20.9





#81
Benzo(a)anthracene
Concen: 46.223 ng
RT: 13.757 min Scan# 1959
Delta R.T. 0.006 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21

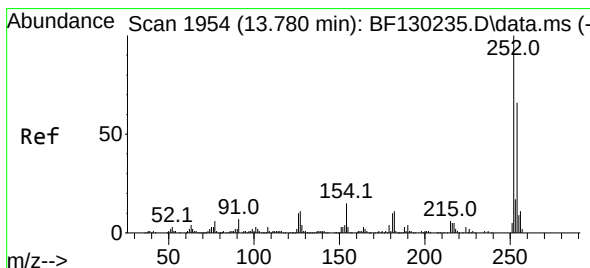
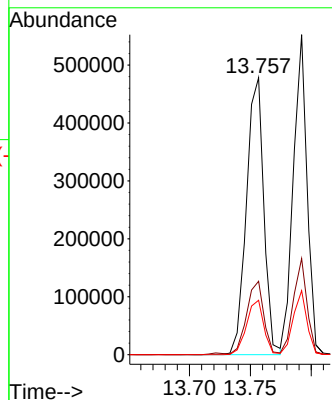
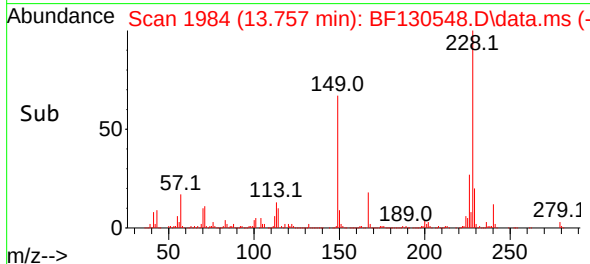
Instrument :
BNA_F
ClientSampleId :
PB148116BS



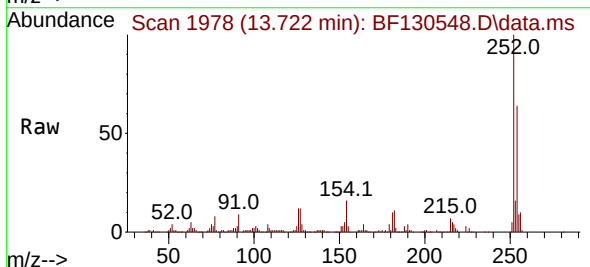
Tgt Ion:228 Resp: 475900
Ion Ratio Lower Upper
228 100
226 26.5 21.9 32.9
229 19.6 16.1 24.1

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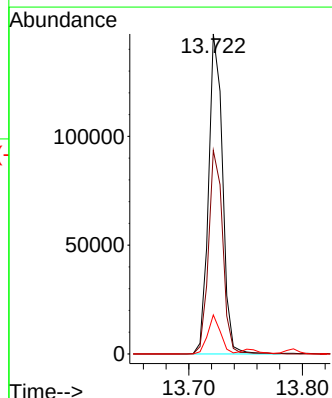
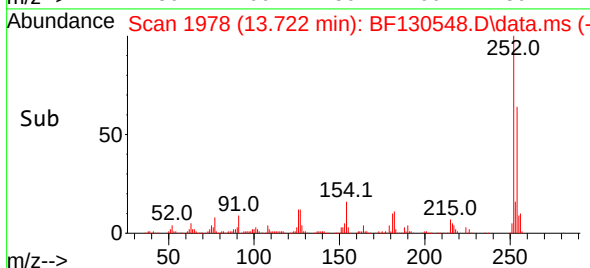
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022

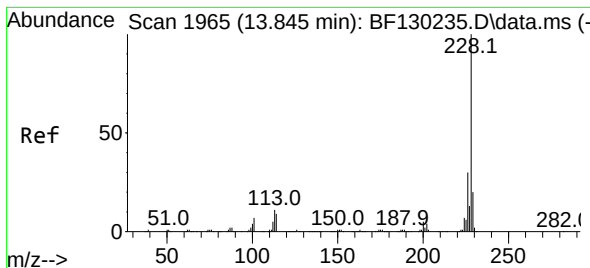


#82
3,3'-Dichlorobenzidine
Concen: 44.856 ng
RT: 13.722 min Scan# 1978
Delta R.T. 0.000 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21



Tgt Ion:252 Resp: 125717
Ion Ratio Lower Upper
252 100
254 63.6 51.1 76.7
126 12.2 10.4 15.6





#83

Chrysene

Concen: 44.533 ng

RT: 13.792 min Scan# 1990

Delta R.T. 0.006 min

Lab File: BF130548.D

Acq: 06 Oct 2022 13:21

Instrument :

BNA_F

ClientSampleId :

PB148116BS

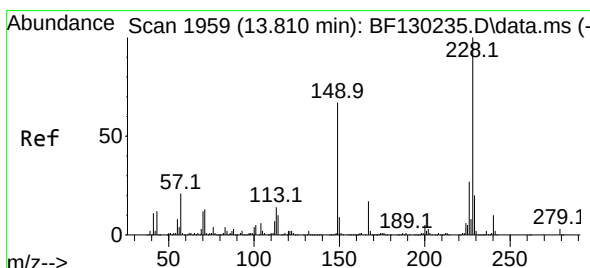
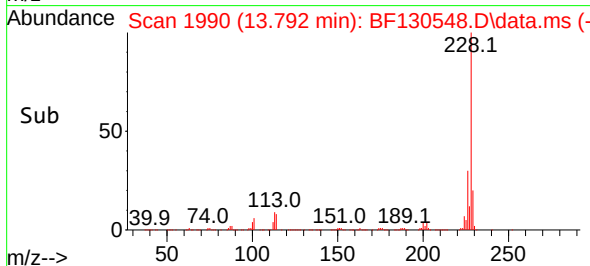
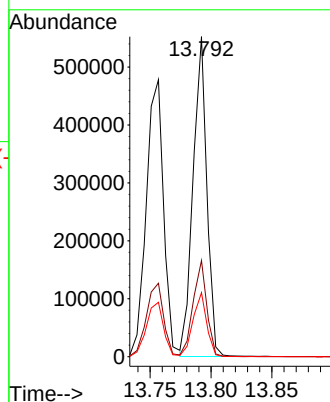
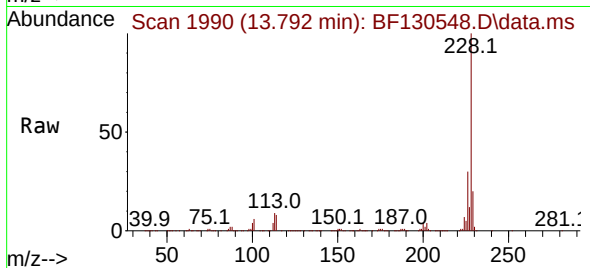
Tgt Ion:228 Resp: 43535

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.8	35.8
229	20.0	15.3	22.9

Manual Integrations

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Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.689 ng

RT: 13.757 min Scan# 1984

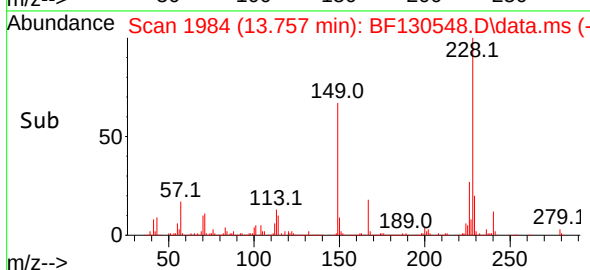
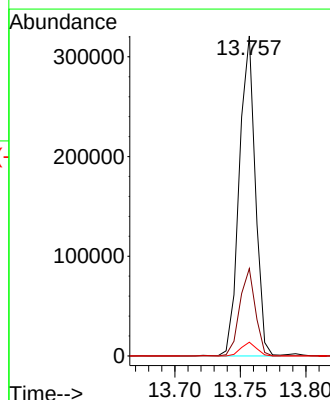
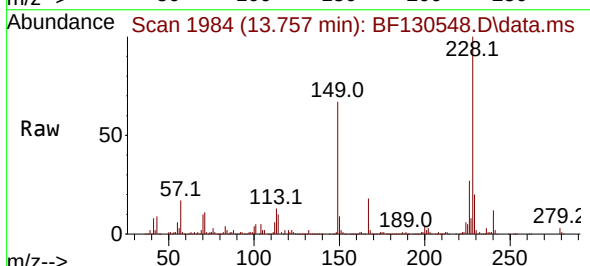
Delta R.T. 0.006 min

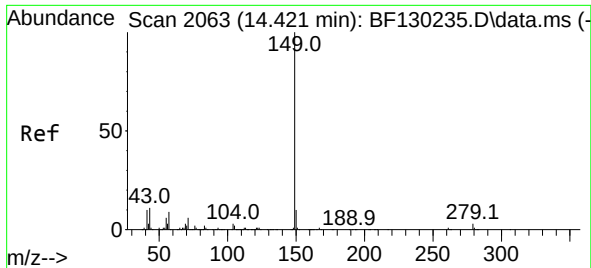
Lab File: BF130548.D

Acq: 06 Oct 2022 13:21

Tgt Ion:149 Resp: 273983

Ion	Ratio	Lower	Upper
149	100		
167	27.3	20.5	30.7
279	4.3	2.9	4.3





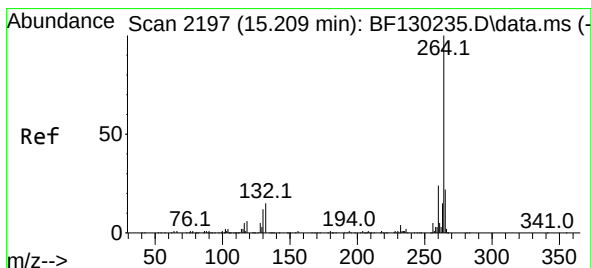
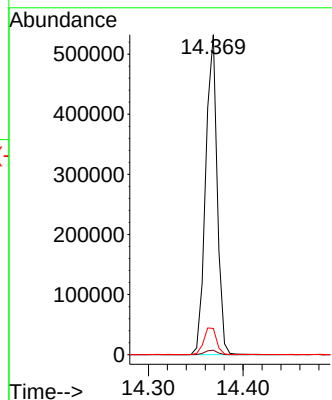
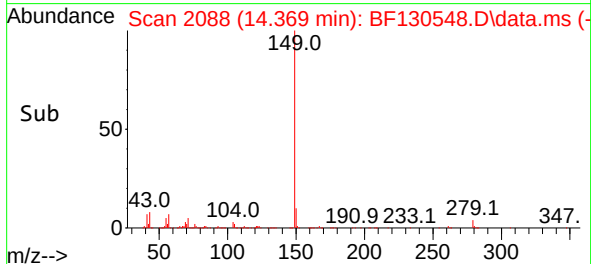
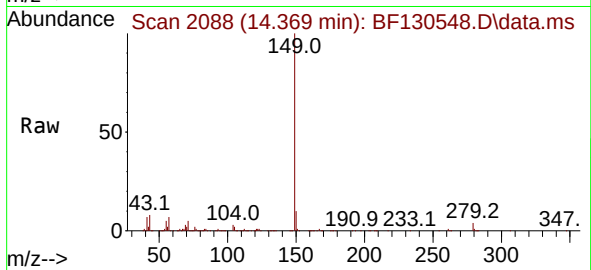
#85
Di-n-octyl phthalate
Concen: 51.041 ng
RT: 14.369 min Scan# 2063
Delta R.T. 0.006 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21

Instrument :
BNA_F
ClientSampleId :
PB148116BS

Tgt Ion:149 Resp: 44851
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.2 8.7 13.1

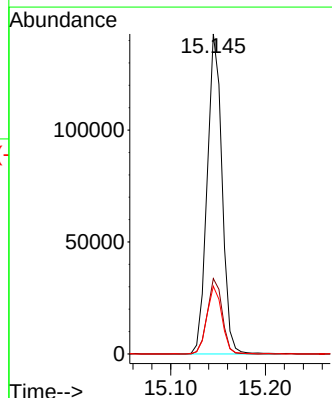
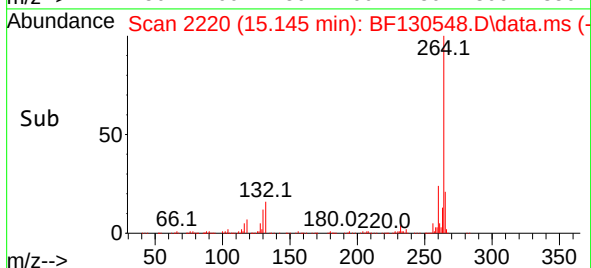
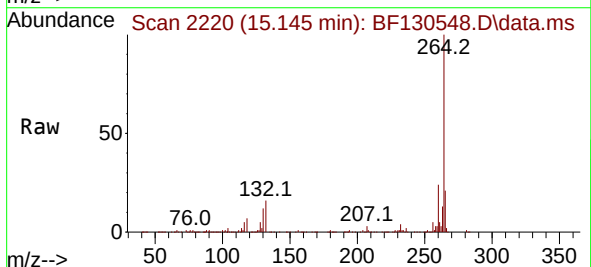
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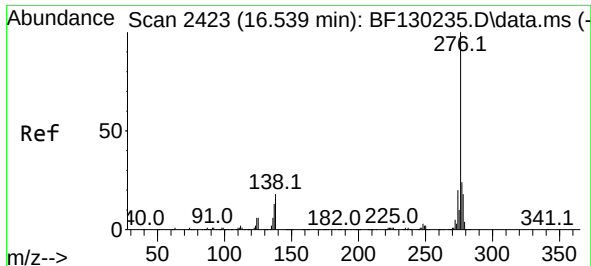
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.145 min Scan# 2220
Delta R.T. 0.000 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21

Tgt Ion:264 Resp: 155935
Ion Ratio Lower Upper
264 100
260 23.6 19.3 28.9
265 21.2 17.0 25.4





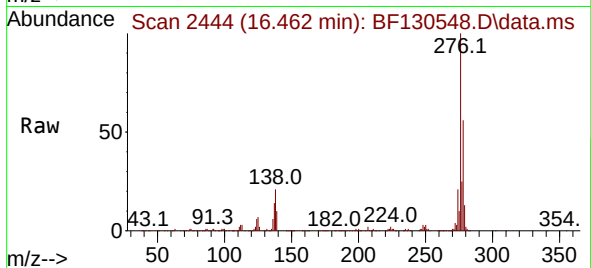
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 50.861 ng
 RT: 16.462 min Scan# 2423
 Delta R.T. 0.006 min
 Lab File: BF130548.D
 Acq: 06 Oct 2022 13:21

Instrument :

BNA_F

ClientSampleId :

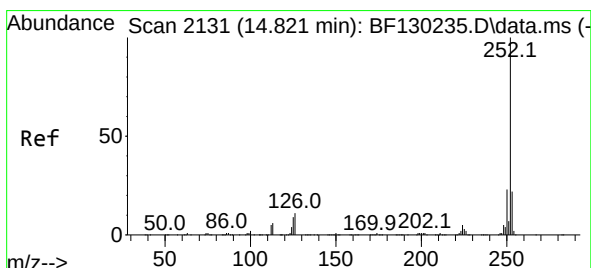
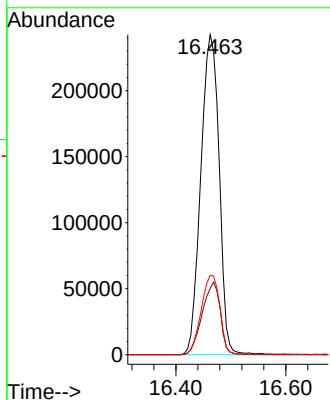
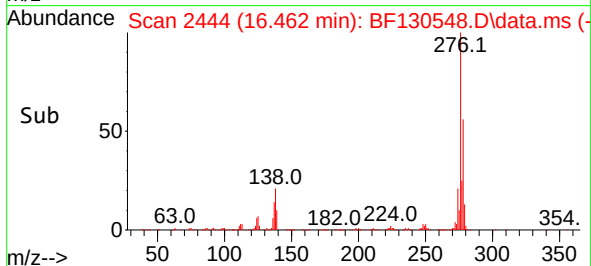
PB148116BS



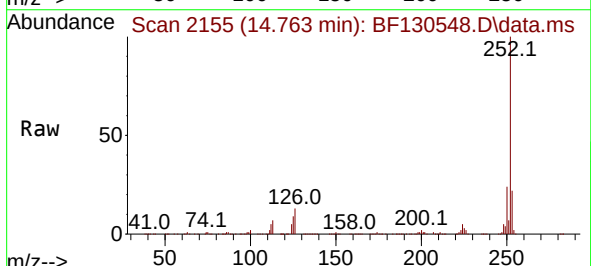
Tgt Ion: 276 Resp: 562420
 Ion Ratio Lower Upper
 276 100
 138 22.4 18.5 27.7
 277 25.3 20.2 30.4

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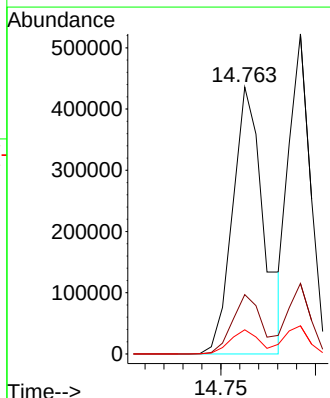
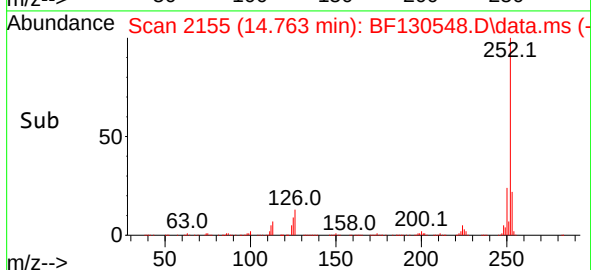
Reviewed By : Christian Giraldo 10/07/2022
 Supervised By : Jagrut Upadhyay 10/10/2022

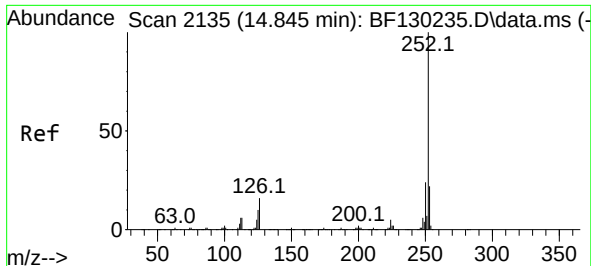


#88
 Benzo(b)fluoranthene
 Concen: 48.672 ng
 RT: 14.763 min Scan# 2155
 Delta R.T. 0.000 min
 Lab File: BF130548.D
 Acq: 06 Oct 2022 13:21



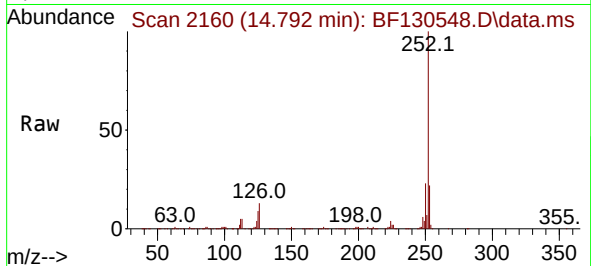
Tgt Ion: 252 Resp: 495376
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.7 26.5
 125 9.1 8.1 12.1





#89
Benzo(k)fluoranthene
Concen: 41.440 ng
RT: 14.792 min Scan# 2111
Delta R.T. 0.006 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21

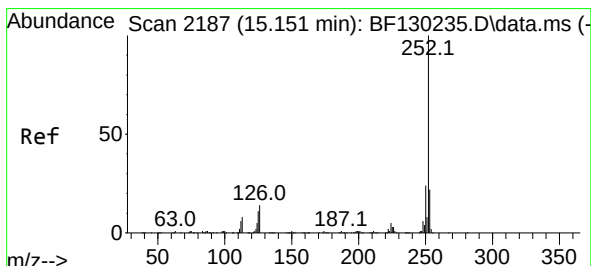
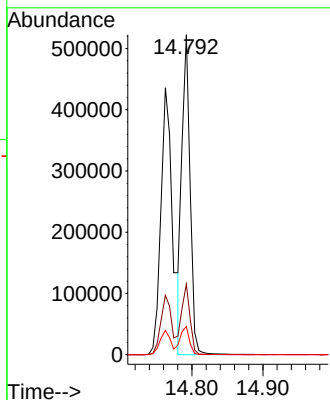
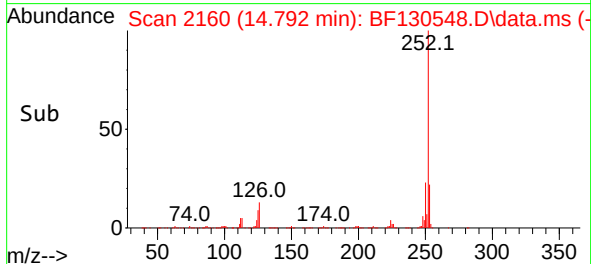
Instrument :
BNA_F
ClientSampleId :
PB148116BS



Tgt Ion:252 Resp: 414894
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 8.8 7.9 11.9

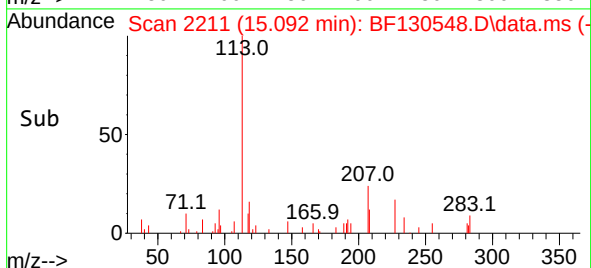
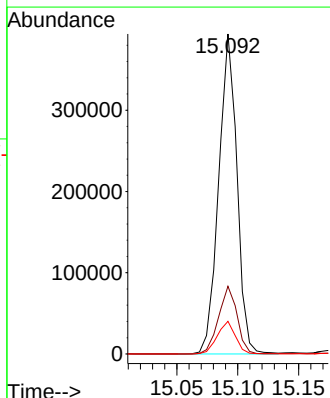
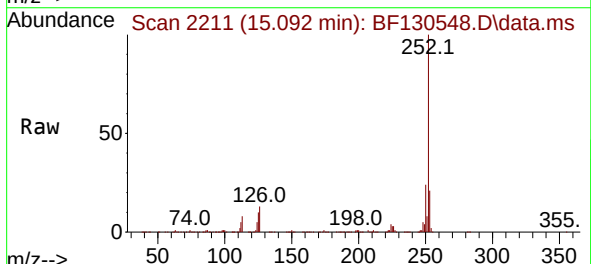
Manual Integrations
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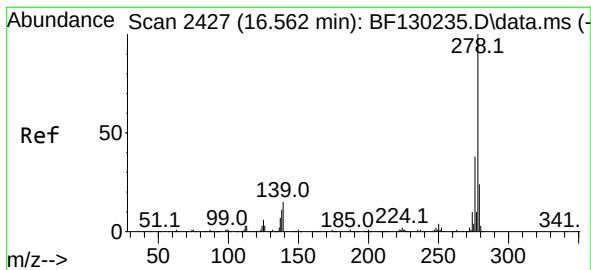
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#90
Benzo(a)pyrene
Concen: 51.049 ng
RT: 15.092 min Scan# 2211
Delta R.T. 0.000 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21

Tgt Ion:252 Resp: 411622
Ion Ratio Lower Upper
252 100
253 21.1 17.8 26.6
125 10.2 9.0 13.6





#91
Dibenzo(a,h)anthracene
Concen: 54.104 ng
RT: 16.474 min Scan# 2427
Delta R.T. 0.000 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21

Instrument :

BNA_F

ClientSampleId :

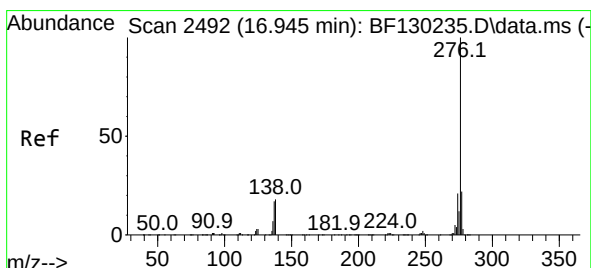
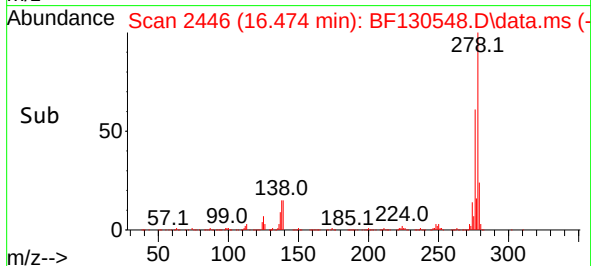
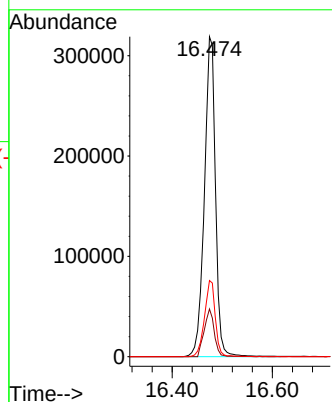
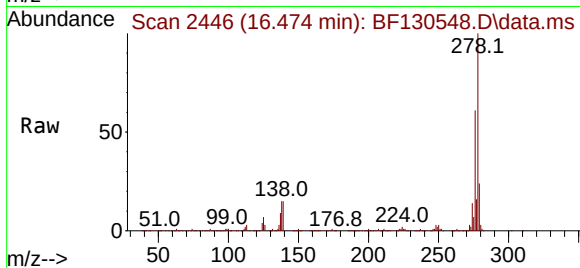
PB148116BS

Tgt Ion:278 Resp: 490804
Ion Ratio Lower Upper
278 100
139 14.9 11.8 17.8
279 23.8 19.4 29.0

Manual Integrations

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Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#92
Benzo(g,h,i)perylene
Concen: 54.464 ng
RT: 16.862 min Scan# 2512
Delta R.T. 0.012 min
Lab File: BF130548.D
Acq: 06 Oct 2022 13:21

Tgt Ion:276 Resp: 497701
Ion Ratio Lower Upper
276 100
277 23.4 18.6 27.8
138 18.4 14.6 21.8

