

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092821\
 Data File : BF125692.D
 Acq On : 28 Sep 2021 16:55
 Operator : JU/CG
 Sample : M3961-03MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUB-SLAB-09(20.21)MSD

Manual Integrations
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Quant Time: Sep 28 17:54:01 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 24 15:38:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	213005	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	874510	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	452149	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	773416	20.000	ng	0.00
76) Chrysene-d12	14.045	240	468240	20.000	ng	0.00
86) Perylene-d12	15.515	264	493786	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1474349	114.039	ng	0.00
7) Phenol-d6	6.510	99	1805222	103.860	ng	0.00
23) Nitrobenzene-d5	7.445	82	1054559	84.111	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	504999	119.790	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1932958	75.286	ng	0.00
79) Terphenyl-d14	12.992	244	1797586	66.483	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.699	88	223475	40.616	ng	# 100
3) Pyridine	3.457	79	499231	34.304	ng	# 70
4) n-Nitrosodimethylamine	3.405	42	239021	44.264	ng	# 4
6) Aniline	6.545	93	753118	37.526	ng	95
8) 2-Chlorophenol	6.669	128	662171	45.153	ng	98
9) Benzaldehyde	6.434	77	382688	50.616	ng	93
10) Phenol	6.522	94	790239	44.977	ng	90
11) bis(2-Chloroethyl)ether	6.622	93	599143	43.880	ng	95
12) 1,3-Dichlorobenzene	6.828	146	679871	41.985	ng	97
13) 1,4-Dichlorobenzene	6.904	146	689907	41.876	ng	98
14) 1,2-Dichlorobenzene	7.057	146	667142	42.919	ng	99
15) Benzyl Alcohol	7.022	79	501493	41.596	ng	92
16) 2,2'-oxybis(1-Chloropr...	7.163	45	734447	42.258	ng	88
17) 2-Methylphenol	7.134	107	520118	43.250	ng	97
18) Hexachloroethane	7.404	117	241838	45.223	ng	# 88
19) n-Nitroso-di-n-propyla...	7.298	70	395914	40.007	ng	# 68
20) 3+4-Methylphenols	7.287	107	652602	43.164	ng	95
22) Acetophenone	7.292	105	857759	43.225	ng	# 91
24) Nitrobenzene	7.469	77	630269	49.419	ng	95
25) Isophorone	7.704	82	1093120	38.930	ng	93
26) 2-Nitrophenol	7.781	139	345193	51.162	ng	# 90
27) 2,4-Dimethylphenol	7.816	122	585439	46.882	ng	96
28) bis(2-Chloroethoxy)met...	7.916	93	720165	45.472	ng	97
29) 2,4-Dichlorophenol	8.022	162	545080	43.942	ng	97
30) 1,2,4-Trichlorobenzene	8.110	180	562081	41.625	ng	96
31) Naphthalene	8.192	128	1844199	41.071	ng	99
32) Benzoic acid	7.928	122	400767	44.549	ng	98
33) 4-Chloroaniline	8.234	127	291933	15.500	ng	99
34) Hexachlorobutadiene	8.310	225	303993	40.828	ng	98
35) Caprolactam	8.598	113	181238m	44.772	ng	
36) 4-Chloro-3-methylphenol	8.716	107	552415	42.499	ng	97
37) 2-Methylnaphthalene	8.881	142	1256048	41.244	ng	98
38) 1-Methylnaphthalene	8.981	142	1163196	40.415	ng	97
40) 1,2,4,5-Tetrachloroben...	9.051	216	496811	42.248	ng	98
41) Hexachlorocyclopentadiene	9.039	237	591411	118.867	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	383022	46.448	ng	97

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 24 15:38:32 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	409257	45.967	ng	93
46) 1,1'-Biphenyl	9.345	154	1392006	41.751	ng	96
47) 2-Chloronaphthalene	9.369	162	1179679	42.737	ng	98
48) 2-Nitroaniline	9.463	65	323008	49.472	ng	88
49) Acenaphthylene	9.786	152	1786068	42.982	ng	97
50) Dimethylphthalate	9.645	163	1299043	42.648	ng	98
51) 2,6-Dinitrotoluene	9.704	165	298988	48.163	ng	92
52) Acenaphthene	9.957	154	1210549	46.464	ng	96
53) 3-Nitroaniline	9.869	138	222789	32.541	ng	93
54) 2,4-Dinitrophenol	9.975	184	280673	91.025	ng	# 78
55) Dibenzofuran	10.133	168	1616988	41.368	ng	94
56) 4-Nitrophenol	10.028	139	557408	99.343	ng	89
57) 2,4-Dinitrotoluene	10.104	165	402002	51.548	ng	# 88
58) Fluorene	10.475	166	1232418	40.507	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.245	232	315586	46.056	ng	# 90
60) Diethylphthalate	10.345	149	1278407	43.533	ng	98
61) 4-Chlorophenyl-phenyle...	10.463	204	550313	40.693	ng	89
62) 4-Nitroaniline	10.486	138	326136	47.034	ng	# 75
63) Azobenzene	10.622	77	1171582	41.320	ng	85
65) 4,6-Dinitro-2-methylph...	10.510	198	177340	47.277	ng	# 85
66) n-Nitrosodiphenylamine	10.581	169	1112749	41.911	ng	96
67) 4-Bromophenyl-phenylether	10.951	248	343448	42.314	ng	96
68) Hexachlorobenzene	11.022	284	407182	42.743	ng	# 85
69) Atrazine	11.104	200	337943	48.004	ng	93
70) Pentachlorophenol	11.210	266	473552	94.056	ng	95
71) Phenanthrene	11.433	178	1826215	42.107	ng	96
72) Anthracene	11.486	178	1874868	43.748	ng	97
73) Carbazole	11.639	167	1745107	41.376	ng	98
74) Di-n-butylphthalate	11.969	149	1876946	44.142	ng	99
75) Fluoranthene	12.622	202	1789688	38.611	ng	97
77) Benzidine	12.739	184	793454	64.504	ng	98
78) Pyrene	12.851	202	1786052	42.207	ng	95
80) Butylbenzylphthalate	13.463	149	653673	46.647	ng	95
81) Benzo(a)anthracene	14.033	228	1298599	40.828	ng	98
82) 3,3'-Dichlorobenzidine	13.992	252	404363	44.060	ng	96
83) Chrysene	14.074	228	1314237	41.174	ng	96
84) Bis(2-ethylhexyl)phtha...	14.027	149	740655	46.170	ng	# 100
85) Di-n-octyl phthalate	14.639	149	1156823	49.167	ng	# 89
87) Indeno(1,2,3-cd)pyrene	17.004	276	1577967	47.077	ng	97
88) Benzo(b)fluoranthene	15.086	252	1467288	42.413	ng	98
89) Benzo(k)fluoranthene	15.116	252	1242711	37.492	ng	# 97
90) Benzo(a)pyrene	15.457	252	1374272	44.626	ng	99
91) Dibenzo(a,h)anthracene	17.027	278	1320635	47.139	ng	97
92) Benzo(g,h,i)perylene	17.457	276	1352758	47.279	ng	93

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

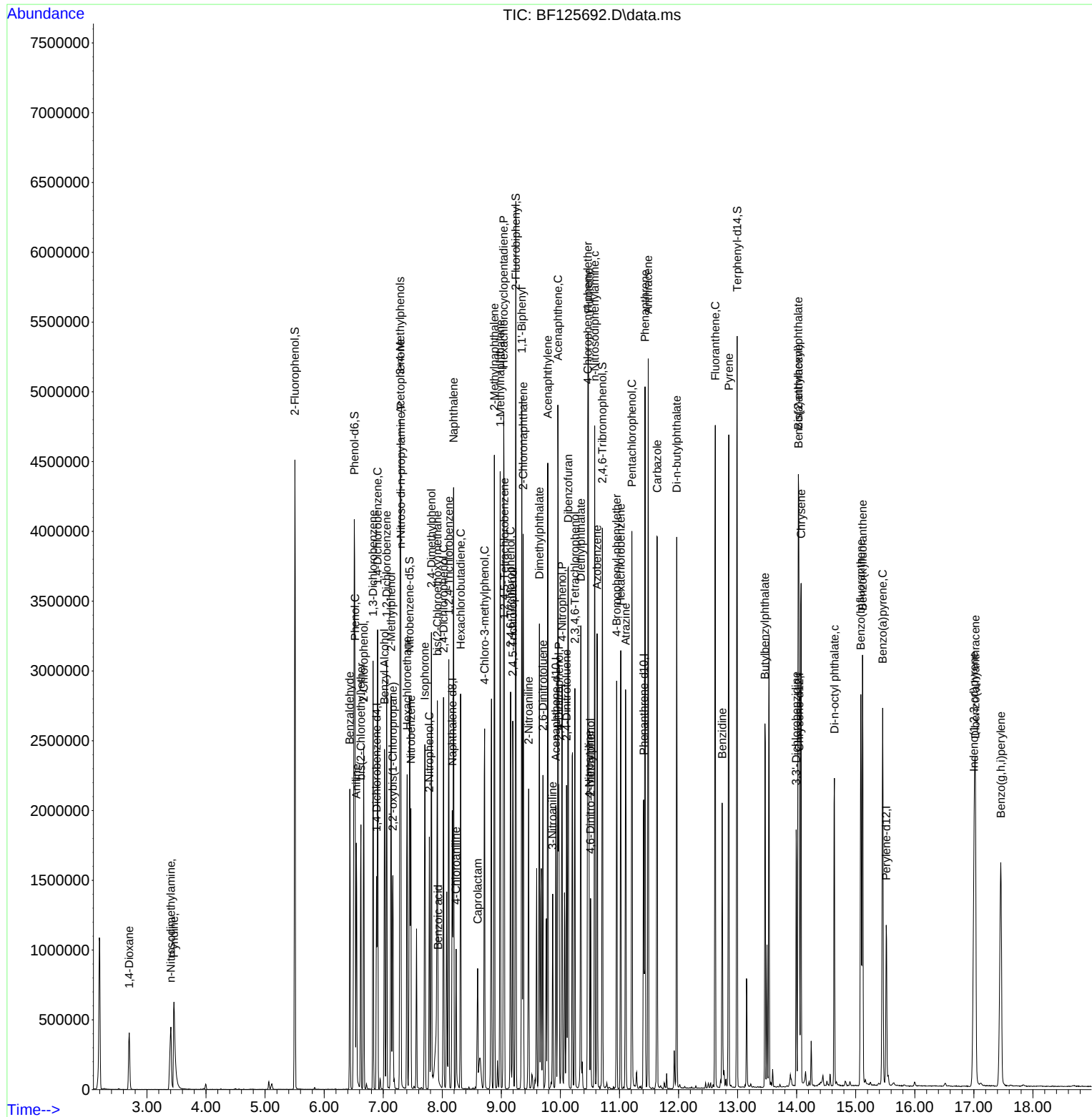
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092821\
Data File : BF125692.D
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Operator : JU/CG
Sample : M3961-03MSD
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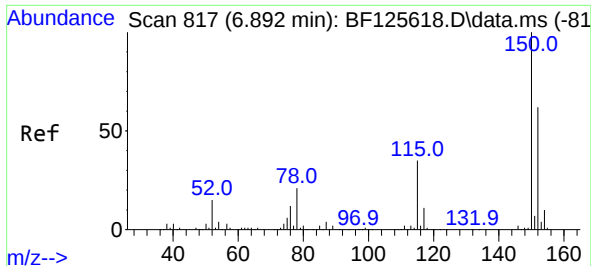
Instrument :
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ClientSampleId :
SUB-SLAB-09(20.21)MSD

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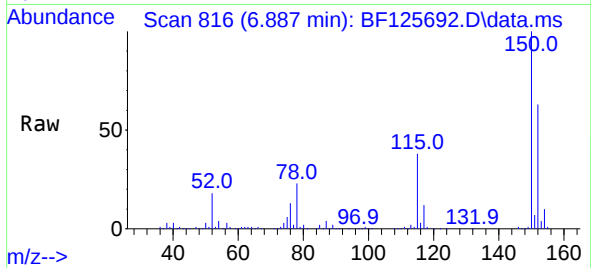
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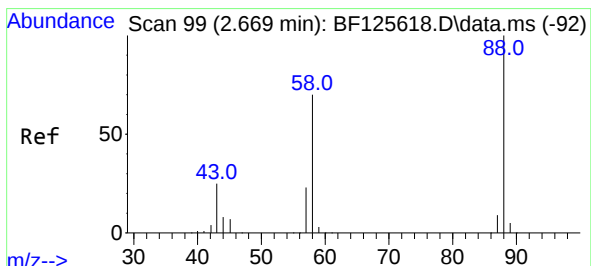
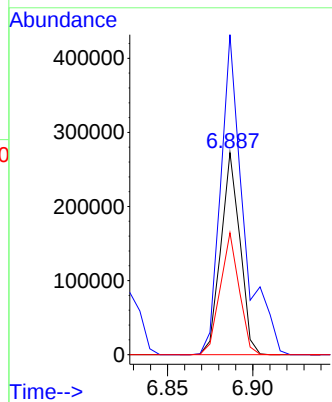
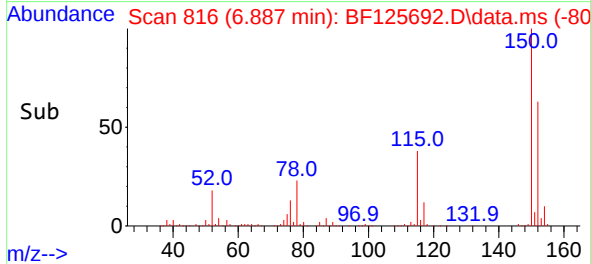




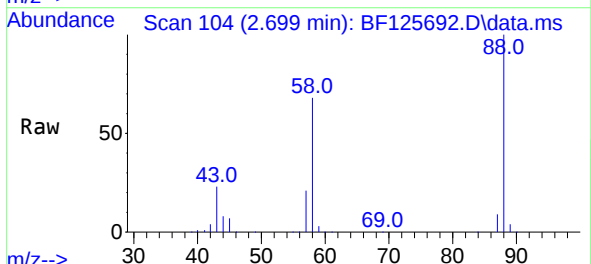
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55



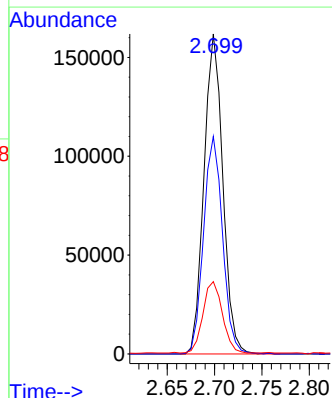
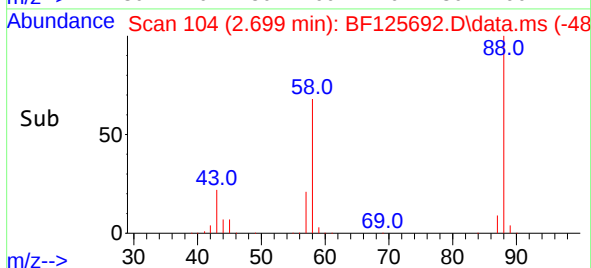
Tgt Ion: 152 Resp: 213005
Ion Ratio Lower Upper
152 100
150 158.4 117.6 176.4
115 60.4 47.1 70.7



#2
1,4-Dioxane
Concen: 40.616 ng
RT: 2.699 min Scan# 104
Delta R.T. 0.030 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55



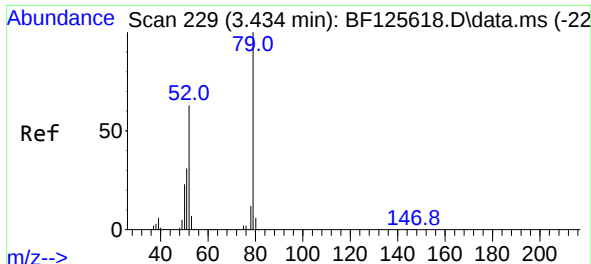
Tgt Ion: 88 Resp: 223475
Ion Ratio Lower Upper
88 100
58 68.5 0.0 0.0#
43 23.0 0.0 0.0#



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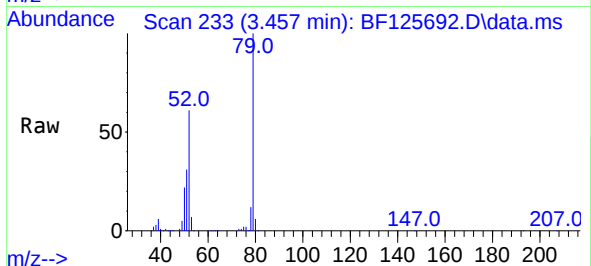
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#3
Pyridine
Concen: 34.304 ng
RT: 3.457 min Scan# 233
Delta R.T. 0.023 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55

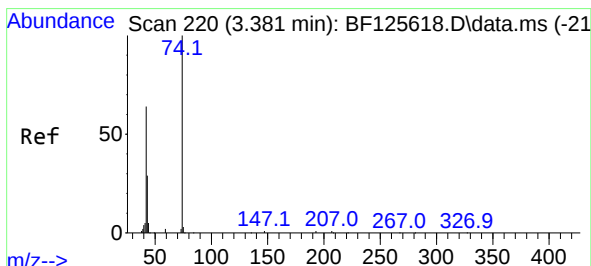
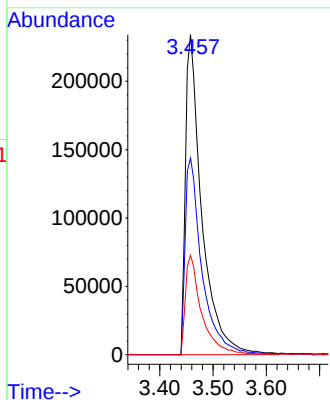
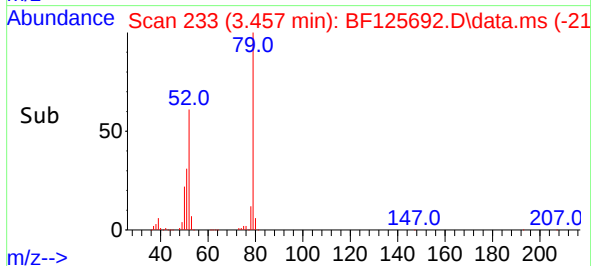
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BNA_F
ClientSampleId :
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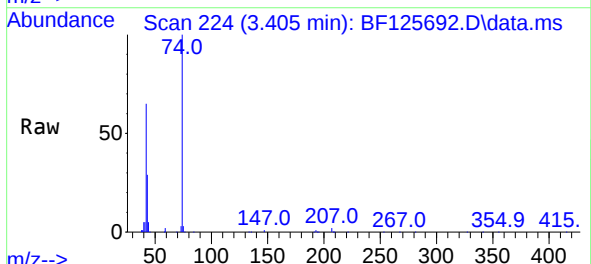
Tgt Ion: 79 Resp: 499231
Ion Ratio Lower Upper
79 100
52 61.5 70.3 105.5#
51 31.1 44.1 66.1#

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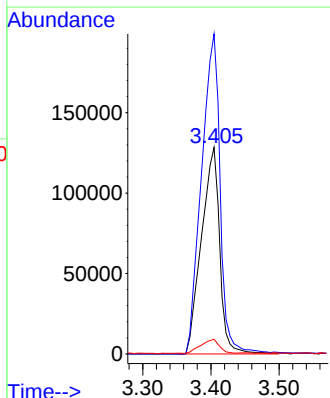
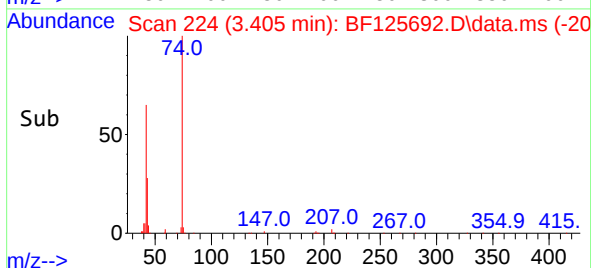
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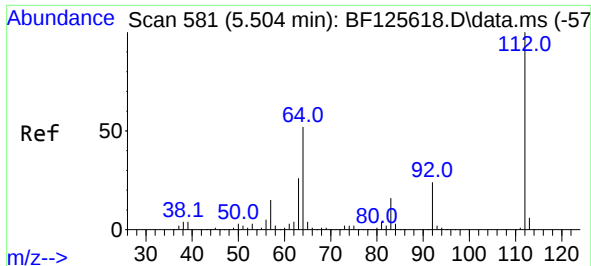


#4
n-Nitrosodimethylamine
Concen: 44.264 ng
RT: 3.405 min Scan# 224
Delta R.T. 0.024 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55



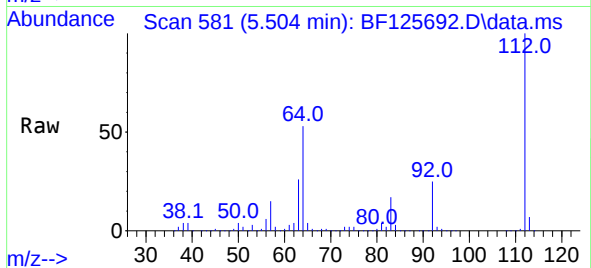
Tgt Ion: 42 Resp: 239021
Ion Ratio Lower Upper
42 100
74 155.0 59.0 88.6#
44 7.2 0.0 0.0#





#5
2-Fluorophenol
Concen: 114.039 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.000 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55

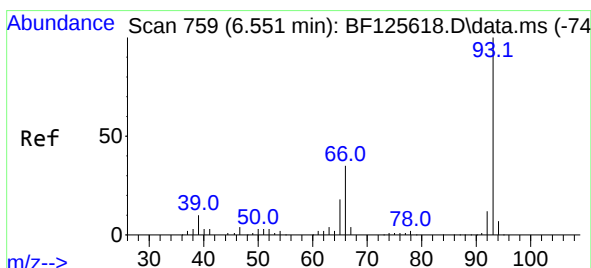
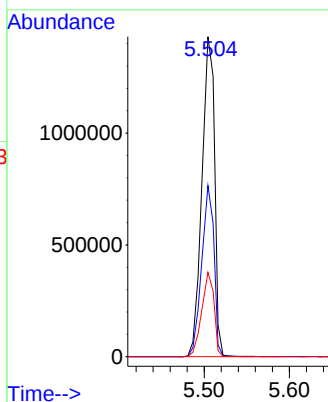
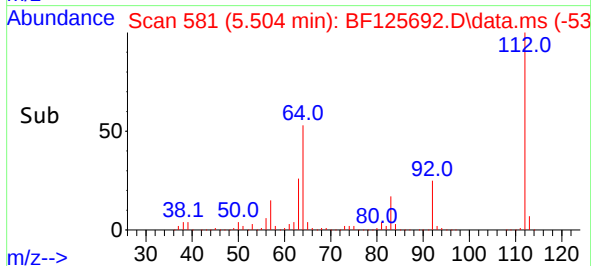
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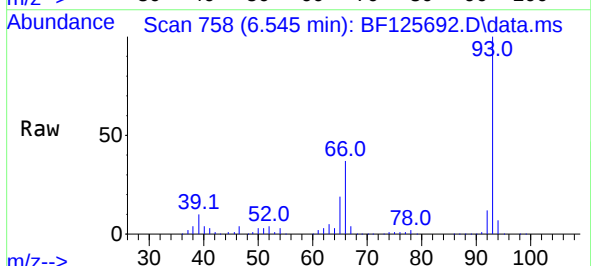
Tgt Ion:112 Resp: 1474349
Ion Ratio Lower Upper
112 100
64 53.4 44.2 66.2
63 26.3 26.2 39.2

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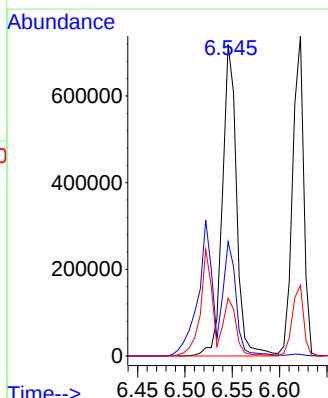
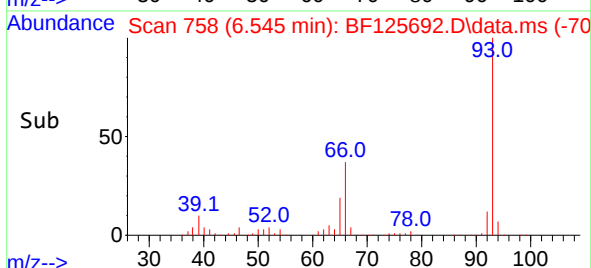
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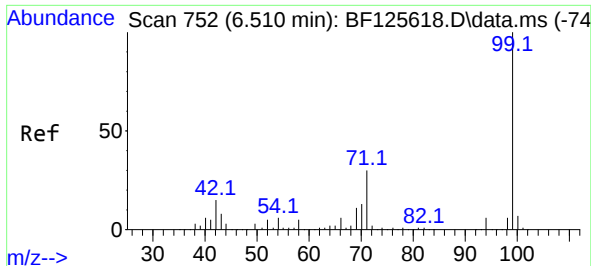


#6
Aniline
Concen: 37.526 ng
RT: 6.545 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55

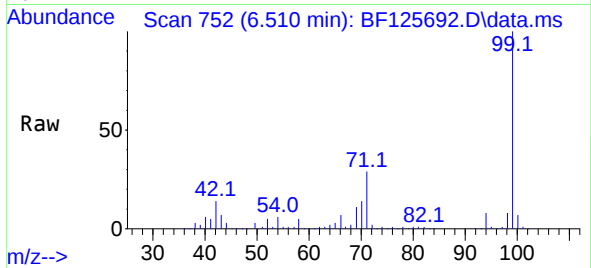


Tgt Ion: 93 Resp: 753118
Ion Ratio Lower Upper
93 100
66 36.7 32.7 49.1
65 18.6 14.2 21.4



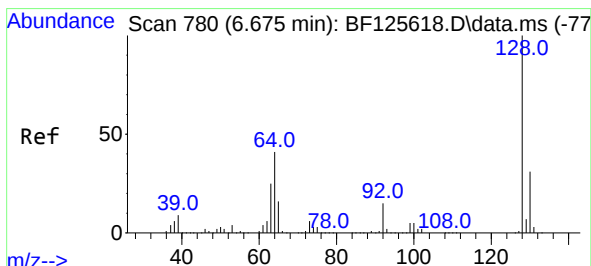
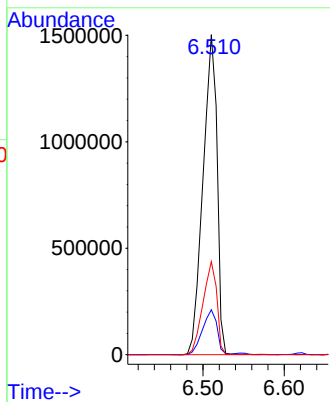
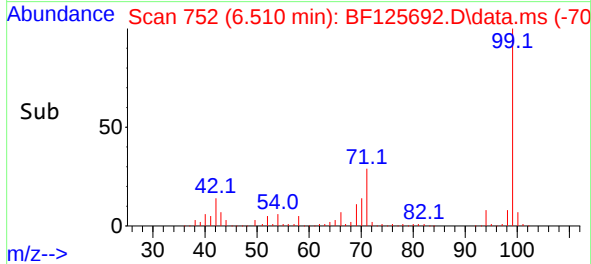


#7
Phenol-d6
Concen: 103.860 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55

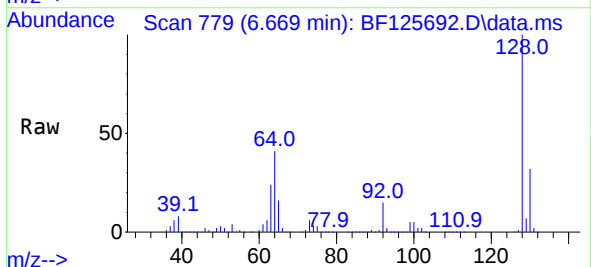


Tgt Ion: 99 Resp: 1805222

Ion	Ratio	Lower	Upper
99	100		
42	14.1	23.5	35.3#
71	29.0	25.6	38.4

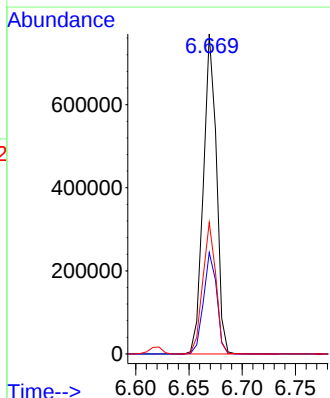
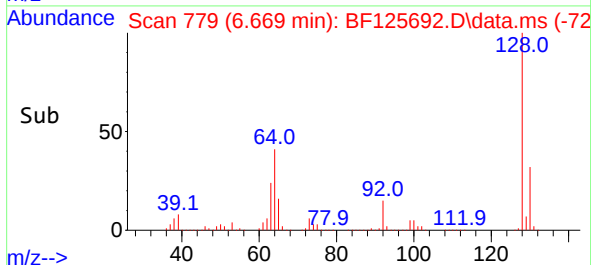


#8
2-Chlorophenol
Concen: 45.153 ng
RT: 6.669 min Scan# 779
Delta R.T. -0.006 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55



Tgt Ion: 128 Resp: 662171

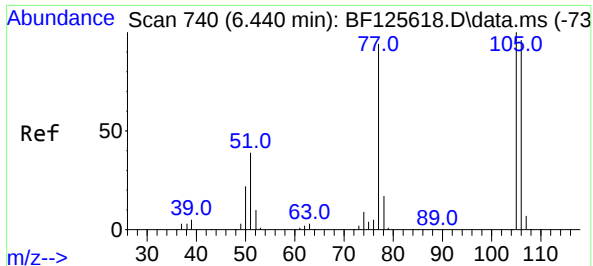
Ion	Ratio	Lower	Upper
128	100		
130	31.7	10.5	50.5
64	41.1	20.3	60.3



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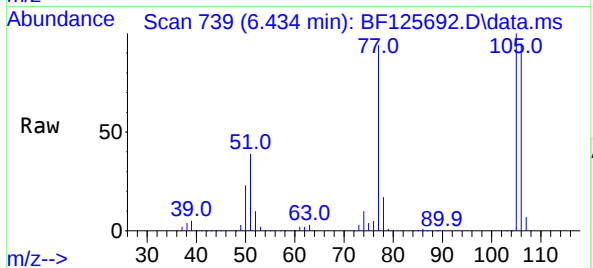
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#9
Benzaldehyde
Concen: 50.616 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF125692.D
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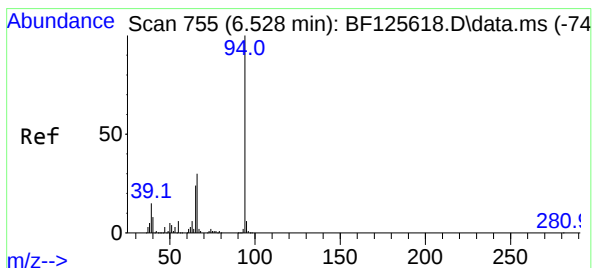
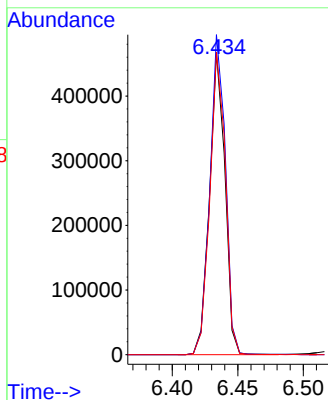
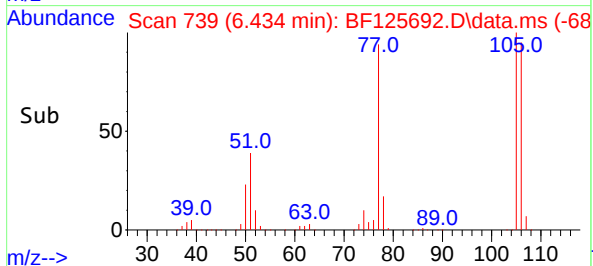
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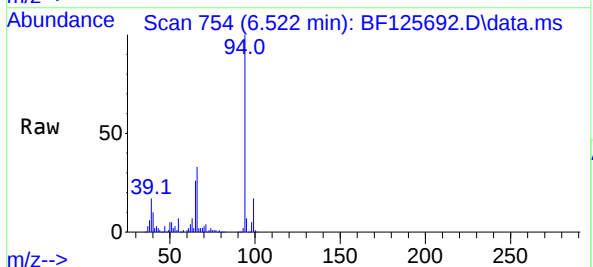
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Ion Ratio Lower Upper
77 100
105 105.9 75.9 115.9
106 100.1 84.0 124.0

Manual Integrations
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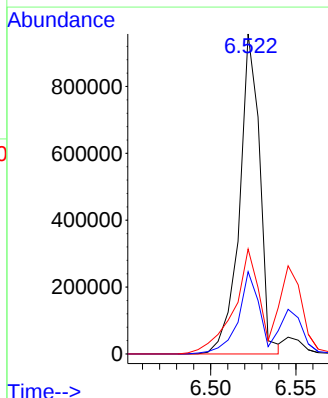
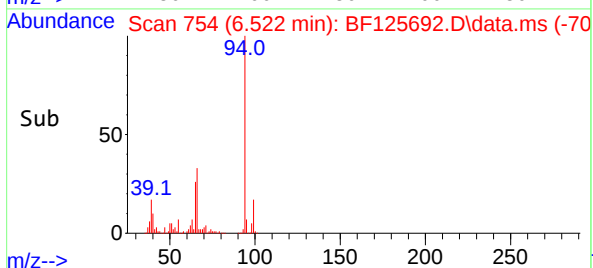
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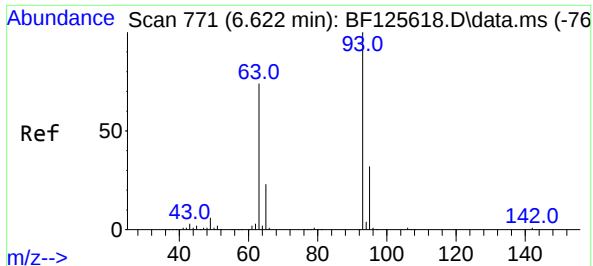


#10
Phenol
Concen: 44.977 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55



Tgt Ion: 94 Resp: 790239
Ion Ratio Lower Upper
94 100
65 25.7 9.3 49.3
66 32.8 20.3 60.3





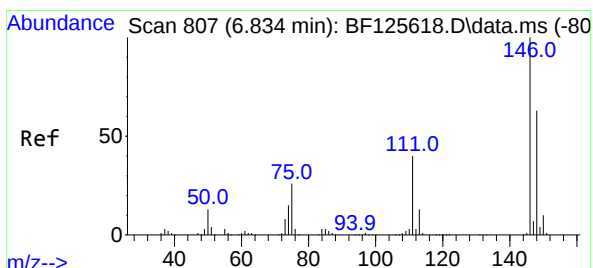
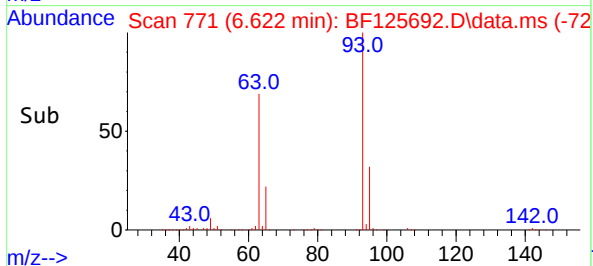
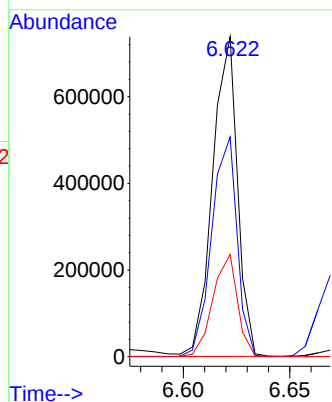
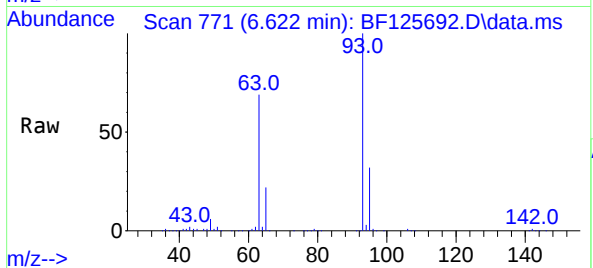
#11
bis(2-Chloroethyl)ether
Concen: 43.880 ng
RT: 6.622 min Scan# 771
Delta R.T. -0.000 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55

Tgt Ion: 93 Resp: 599143
Ion Ratio Lower Upper
93 100
63 68.6 54.4 94.4
95 32.0 11.4 51.4

Instrument :
BNA_F
ClientSampleId :
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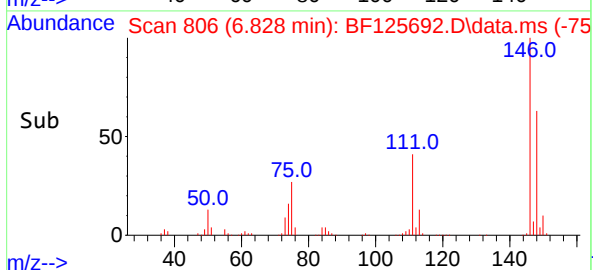
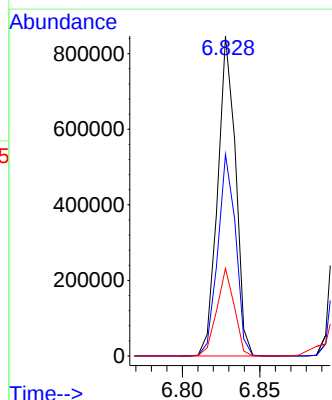
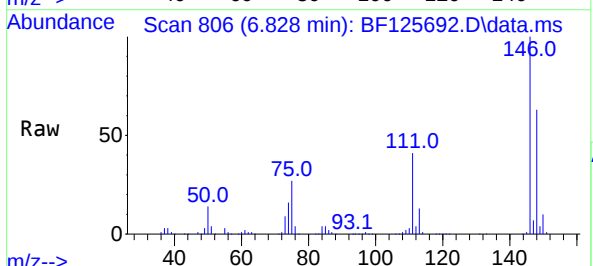
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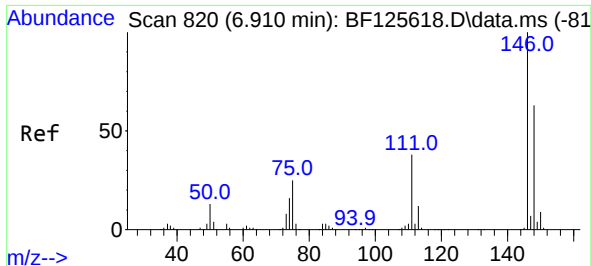
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#12
1,3-Dichlorobenzene
Concen: 41.985 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55

Tgt Ion:146 Resp: 679871
Ion Ratio Lower Upper
146 100
148 63.0 49.7 74.5
75 27.4 25.2 37.8





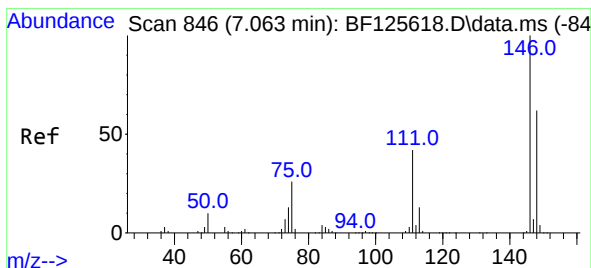
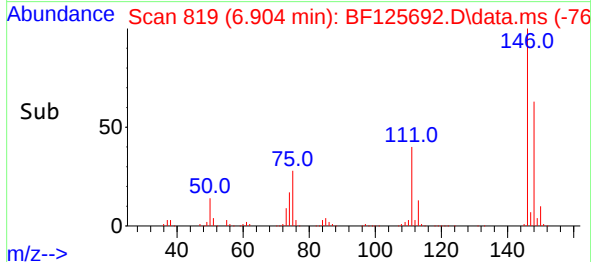
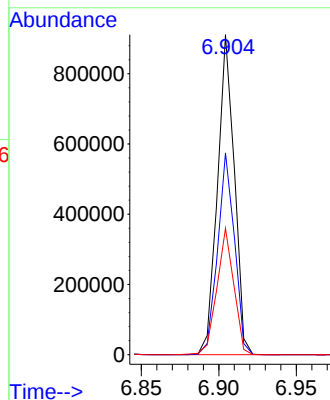
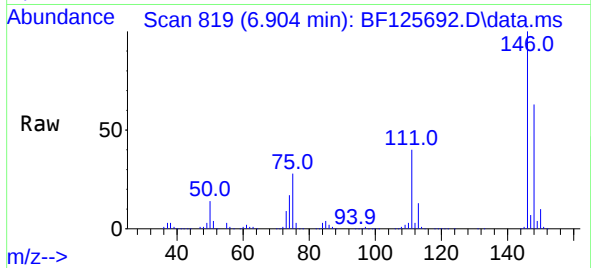
#13
1,4-Dichlorobenzene
Concen: 41.876 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55

Tgt Ion:146 Resp: 689907
Ion Ratio Lower Upper
146 100
148 63.0 51.9 77.9
111 39.5 31.8 47.6

Instrument :
BNA_F
ClientSampleId :
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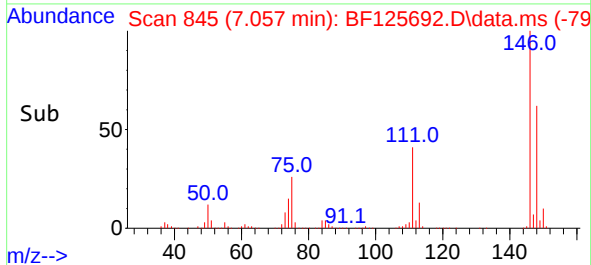
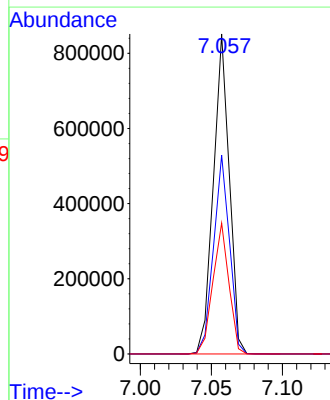
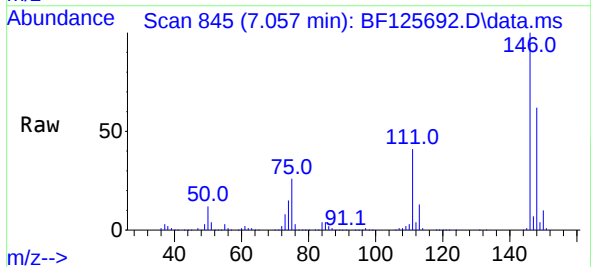
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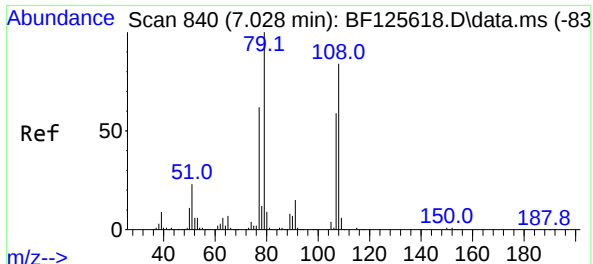
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#14
1,2-Dichlorobenzene
Concen: 42.919 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55

Tgt Ion:146 Resp: 667142
Ion Ratio Lower Upper
146 100
148 62.2 50.6 75.8
111 40.9 33.5 50.3





#15

Benzyl Alcohol

Concen: 41.596 ng

RT: 7.022 min Scan# 839

Delta R.T. -0.006 min

Lab File: BF125692.D

Acq: 28 Sep 2021 16:55

Tgt Ion: 79 Resp: 501493

Ion Ratio Lower Upper

79 100

108 86.4 60.4 90.6

77 63.1 51.5 77.3

Instrument :

BNA_F

ClientSampleId :

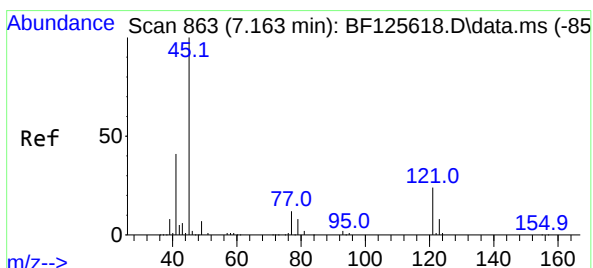
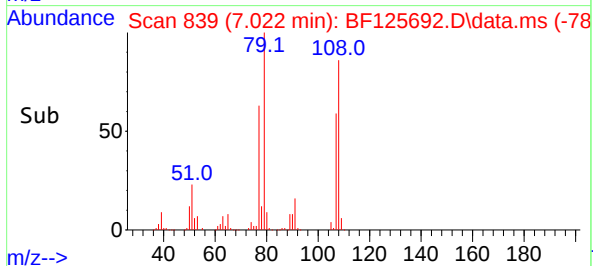
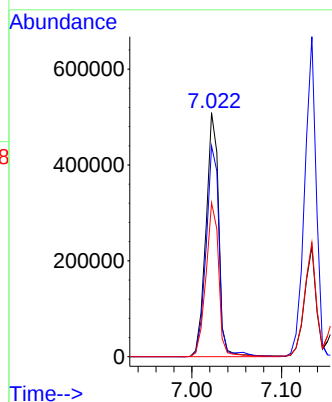
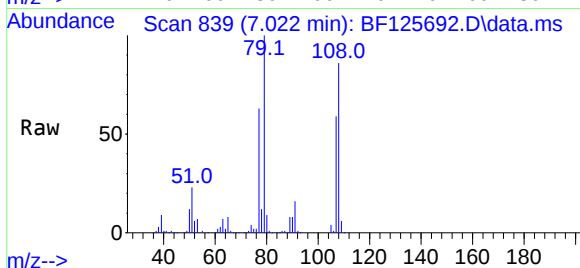
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.258 ng

RT: 7.163 min Scan# 863

Delta R.T. 0.000 min

Lab File: BF125692.D

Acq: 28 Sep 2021 16:55

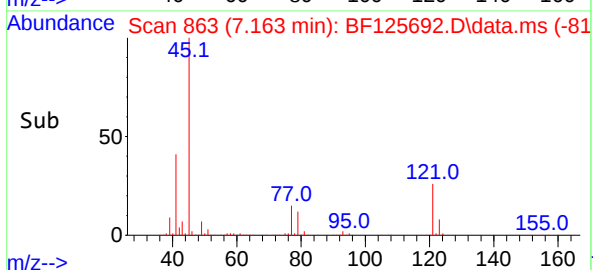
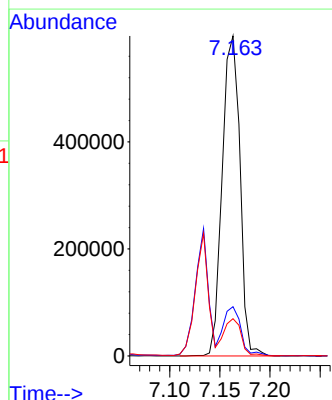
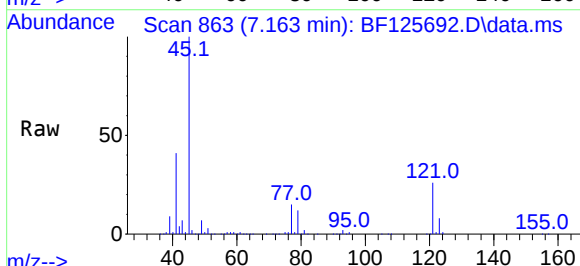
Tgt Ion: 45 Resp: 734447

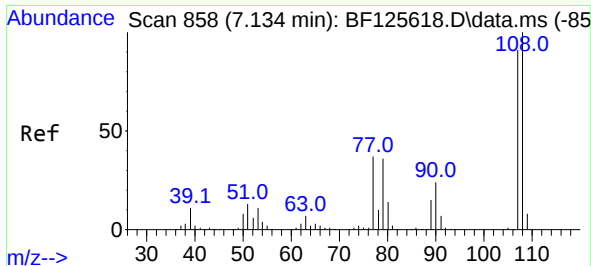
Ion Ratio Lower Upper

45 100

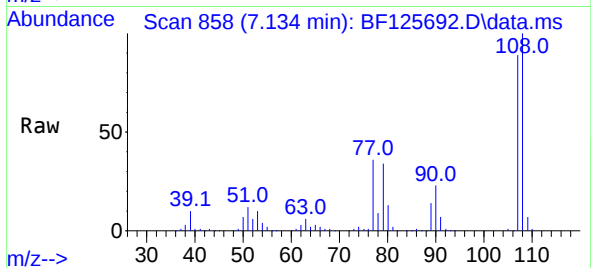
77 15.4 0.0 30.6

79 11.7 0.0 27.5

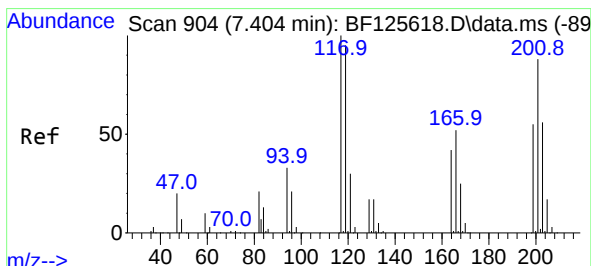
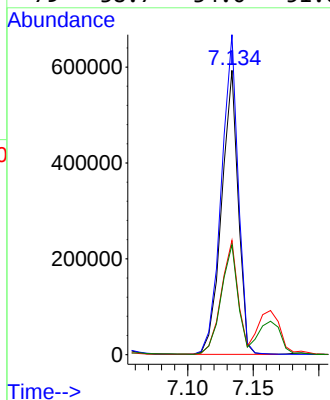
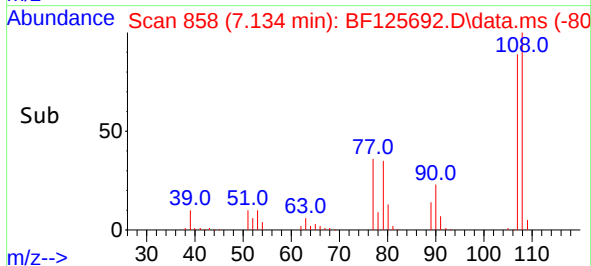




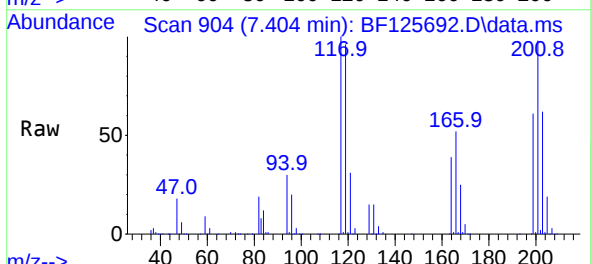
#17
2-Methylphenol
Concen: 43.250 ng
RT: 7.134 min Scan# 858
Delta R.T. -0.000 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55



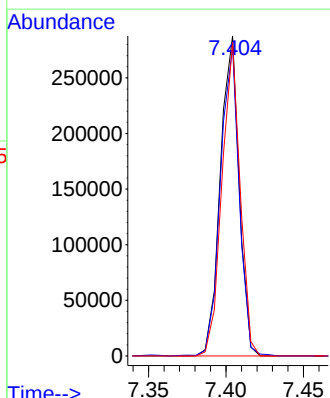
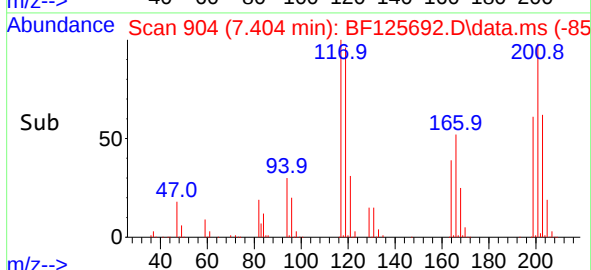
Tgt Ion:	107	Resp:	520118
Ion	Ratio	Lower	Upper
107	100		
108	112.5	90.6	135.8
77	40.2	35.7	53.5
79	38.7	34.0	51.0



#18
Hexachloroethane
Concen: 45.223 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.000 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55



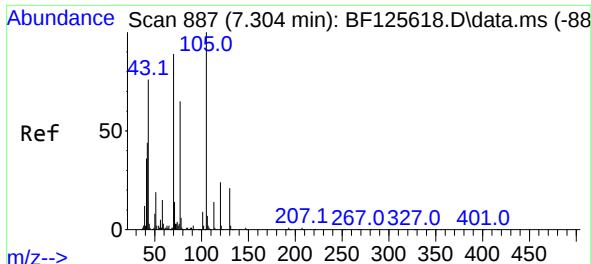
Tgt Ion:	117	Resp:	241838
Ion	Ratio	Lower	Upper
117	100		
119	96.5	73.4	110.2
201	98.0	64.9	97.3



Instrument :
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#19

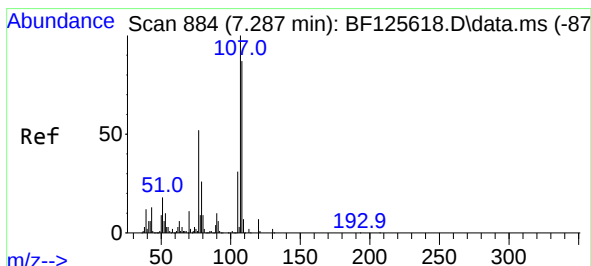
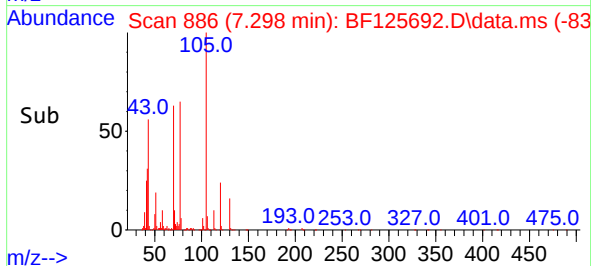
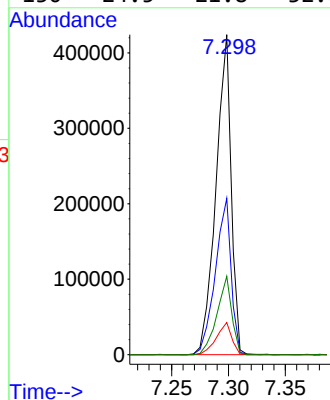
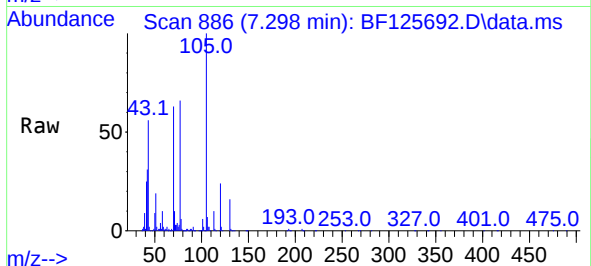
n-Nitroso-di-n-propylamine
Concen: 40.007 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55

Tgt Ion: 70 Resp: 395914
Ion Ratio Lower Upper
70 100
42 48.9 72.2 108.2#
101 10.1 7.8 11.8
130 24.5 21.8 32.6

Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-09(20.21)MSD

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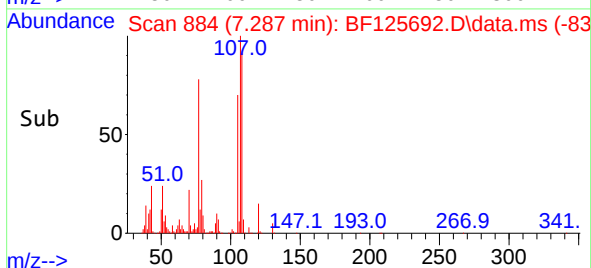
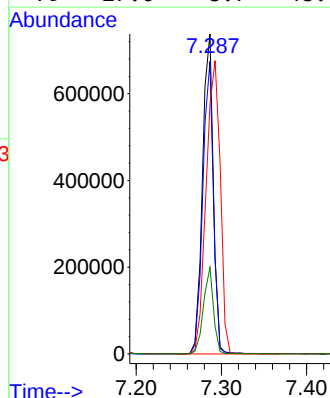
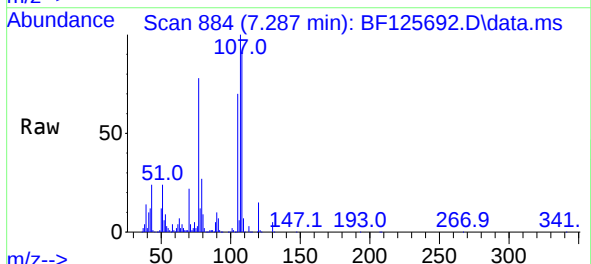
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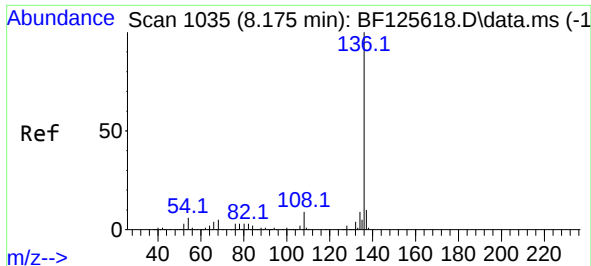


#20

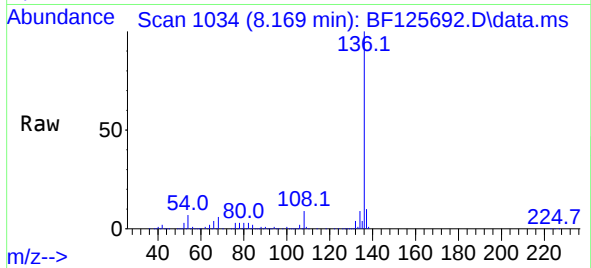
3+4-Methylphenols
Concen: 43.164 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55

Tgt Ion: 107 Resp: 652602
Ion Ratio Lower Upper
107 100
108 91.5 76.6 116.6
77 78.0 53.3 93.3
79 27.0 8.7 48.7

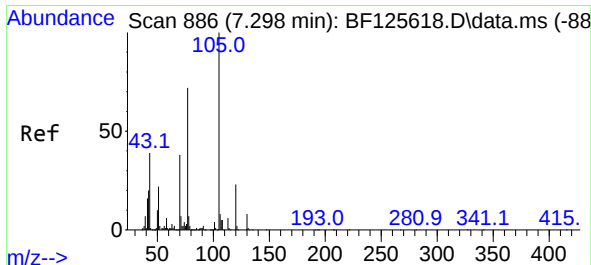
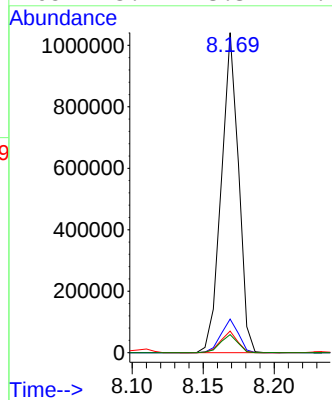
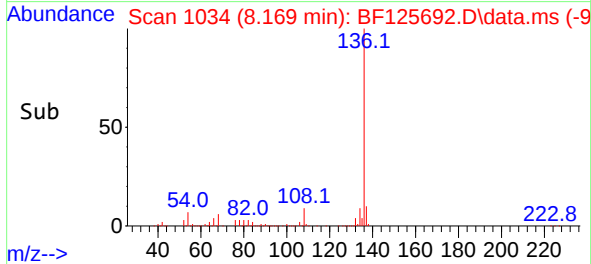




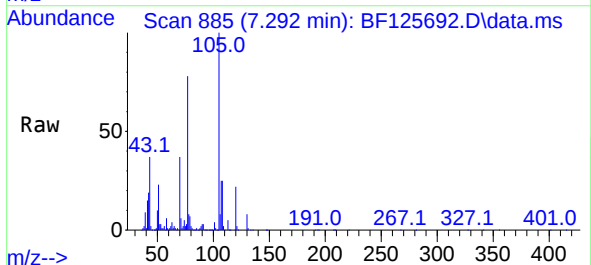
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55



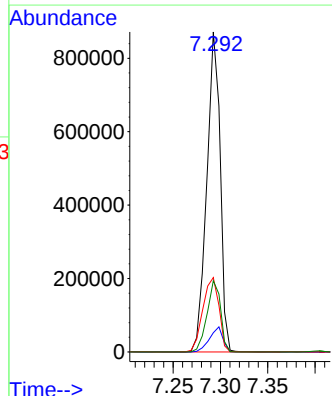
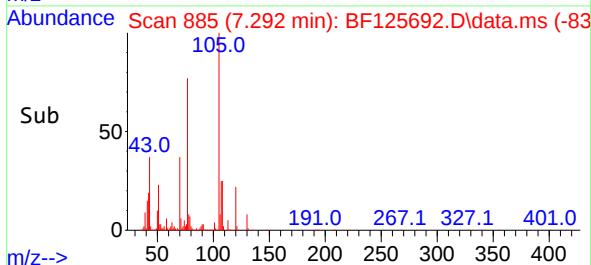
Tgt Ion:136 Resp: 874510
Ion Ratio Lower Upper
136 100
137 10.5 9.8 14.6
54 6.8 6.4 9.6
68 5.7 3.3 4.9#



#22
Acetophenone
Concen: 43.225 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55



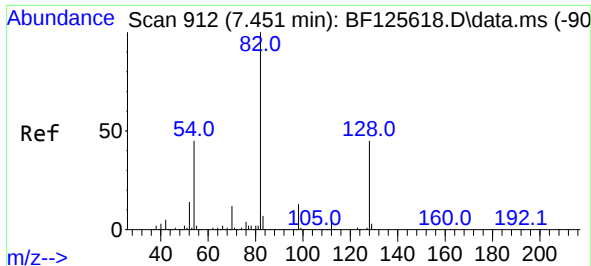
Tgt Ion:105 Resp: 857759
Ion Ratio Lower Upper
105 100
71 6.0 5.5 8.3
51 23.3 26.0 39.0#
120 22.2 18.5 27.7



Instrument :
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ClientSampleId :
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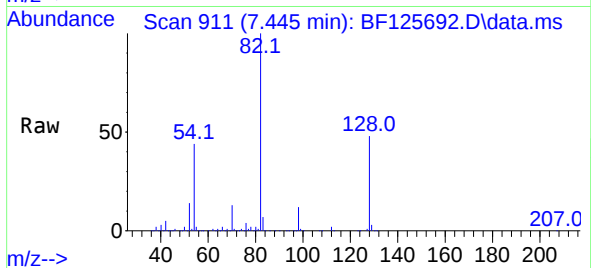
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#23
Nitrobenzene-d5
Concen: 84.111 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55

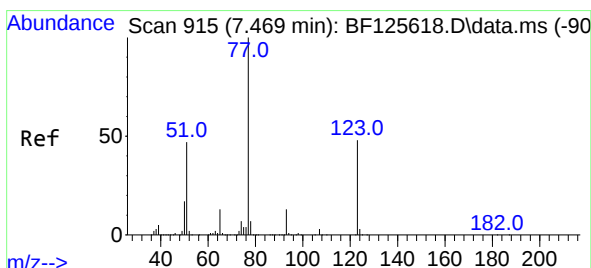
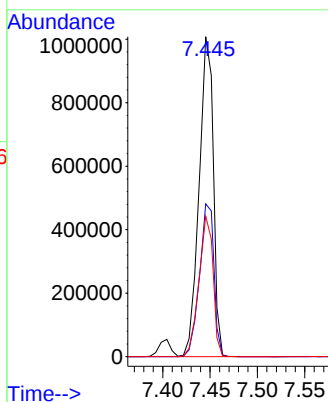
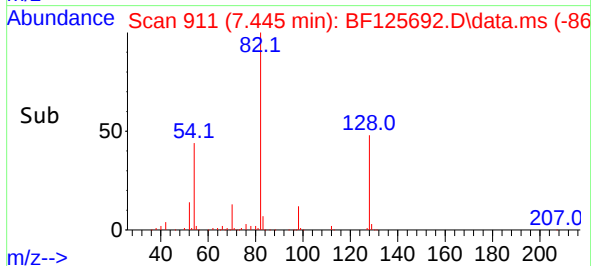
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-09(20.21)MSD



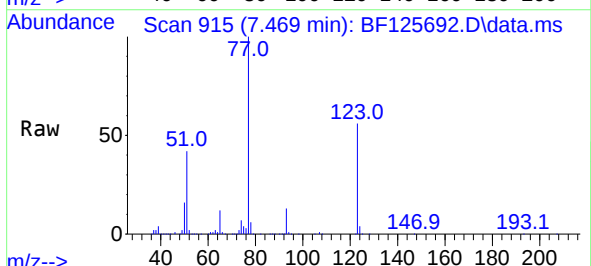
Tgt Ion: 82 Resp: 1054559
Ion Ratio Lower Upper
82 100
128 47.7 40.6 60.8
54 43.9 49.6 74.4#

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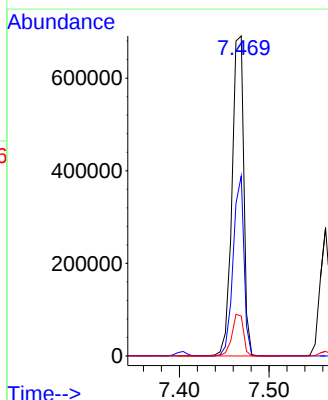
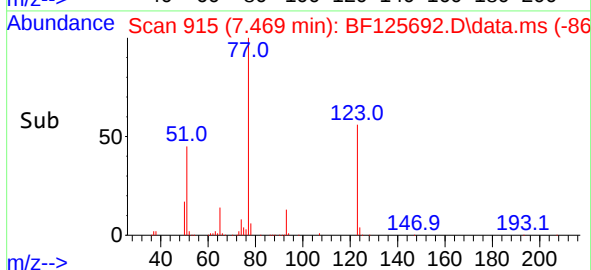
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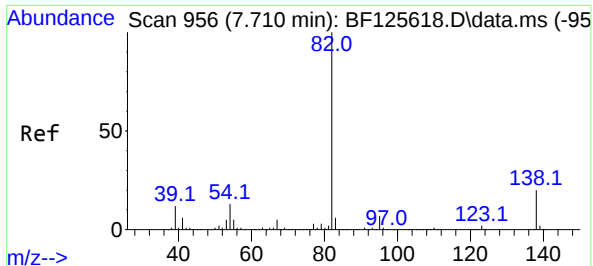


#24
Nitrobenzene
Concen: 49.419 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.000 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55

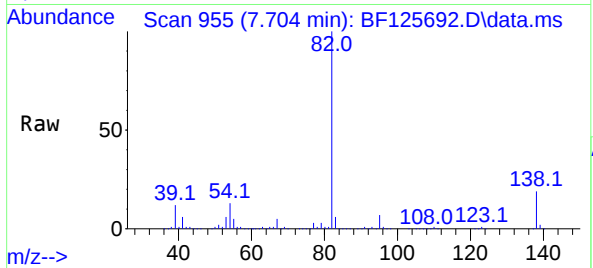


Tgt Ion: 77 Resp: 630269
Ion Ratio Lower Upper
77 100
123 56.3 42.3 63.5
65 12.5 12.4 18.6

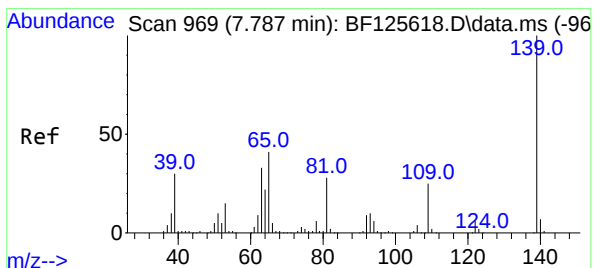
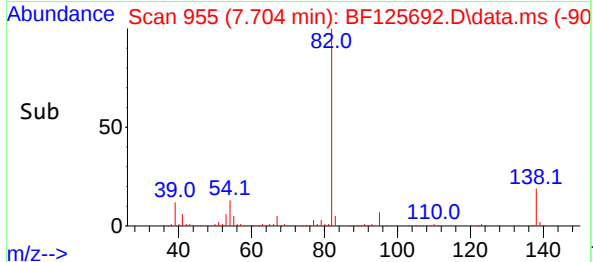
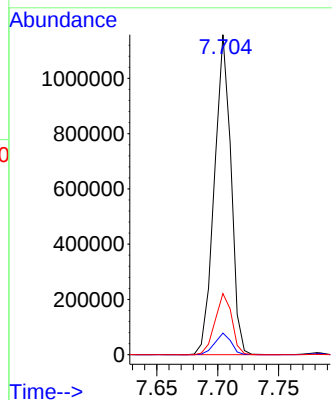




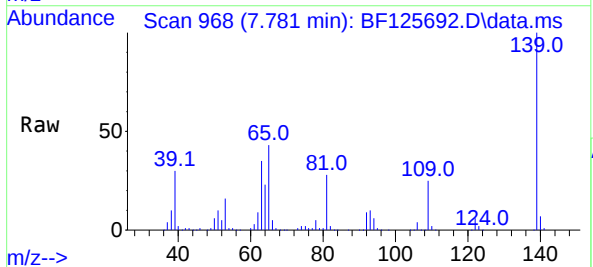
#25
Isophorone
Concen: 38.930 ng
RT: 7.704 min Scan# 955
Delta R.T. -0.006 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55



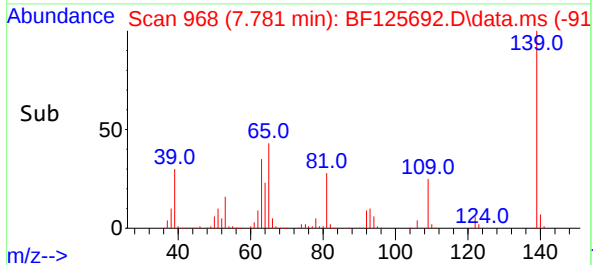
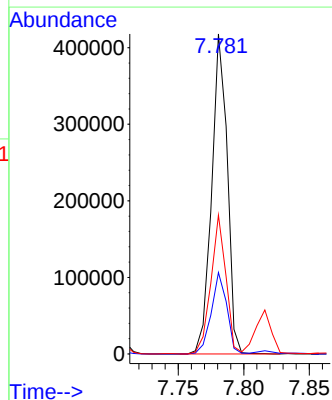
Tgt Ion: 82 Resp: 1093120
Ion Ratio Lower Upper
82 100
95 6.8 6.5 9.7
138 19.1 18.4 27.6



#26
2-Nitrophenol
Concen: 51.162 ng
RT: 7.781 min Scan# 968
Delta R.T. -0.006 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55



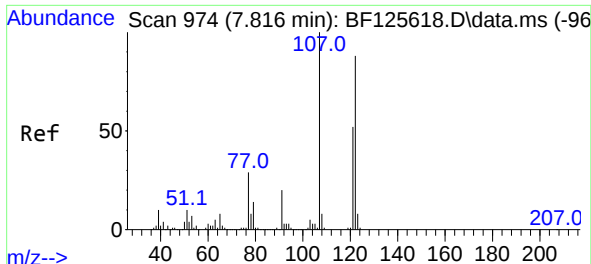
Tgt Ion: 139 Resp: 345193
Ion Ratio Lower Upper
139 100
109 25.5 26.0 39.0#
65 43.4 31.0 46.4



Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-09(20.21)MSD

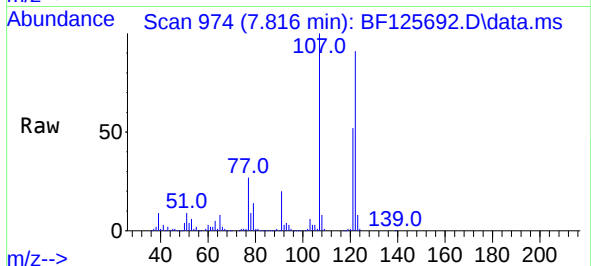
Manual Integrations
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#27
2,4-Dimethylphenol
Concen: 46.882 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.000 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55

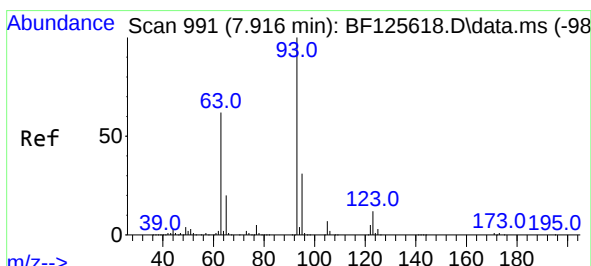
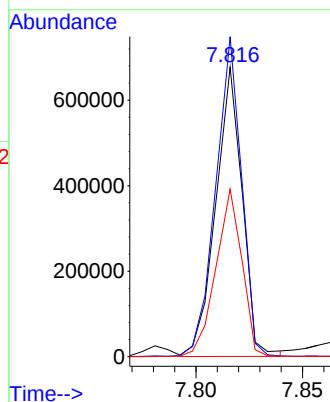
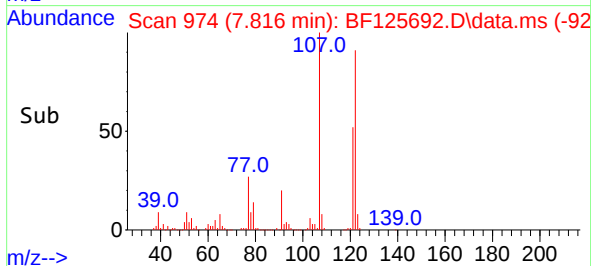
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-09(20.21)MSD



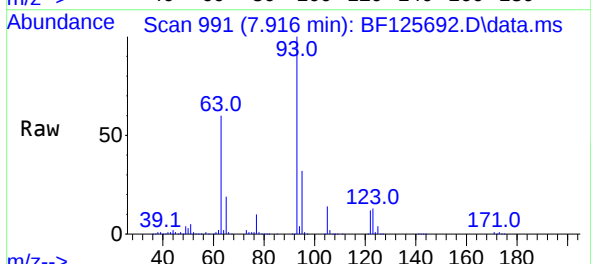
Tgt Ion:122 Resp: 585439
Ion Ratio Lower Upper
122 100
107 110.5 85.0 127.6
121 57.9 43.3 64.9

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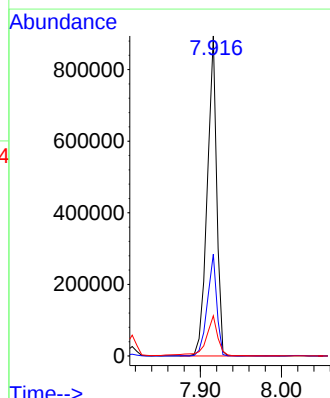
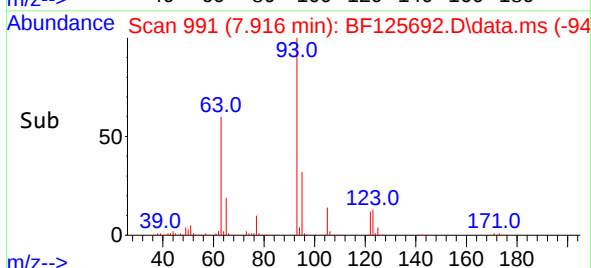
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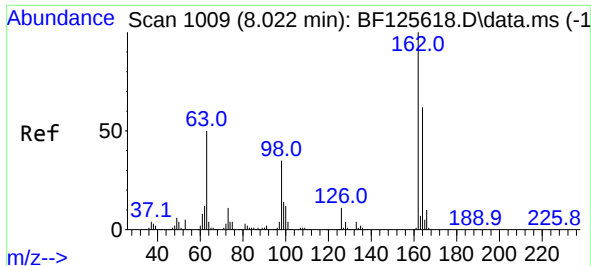


#28
bis(2-Chloroethoxy)methane
Concen: 45.472 ng
RT: 7.916 min Scan# 991
Delta R.T. -0.000 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55



Tgt Ion: 93 Resp: 720165
Ion Ratio Lower Upper
93 100
95 31.8 26.1 39.1
123 12.5 11.7 17.5





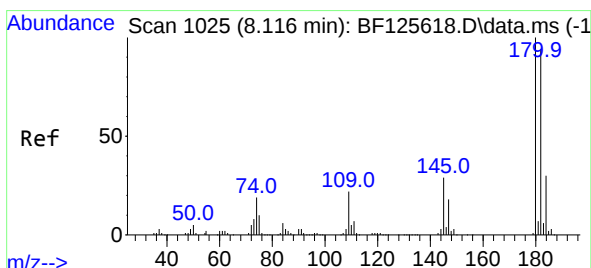
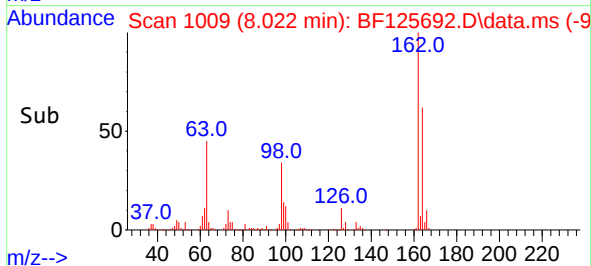
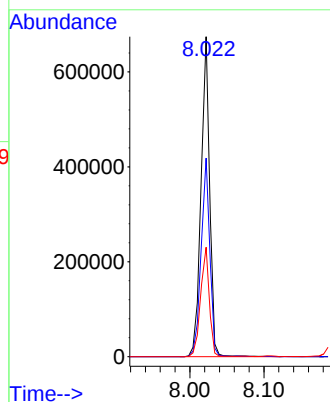
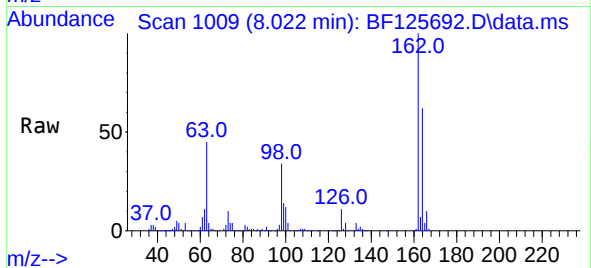
#29
2,4-Dichlorophenol
Concen: 43.942 ng
RT: 8.022 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55

Tgt Ion:162 Resp: 545080
Ion Ratio Lower Upper
162 100
164 62.0 44.5 84.5
98 34.2 13.0 53.0

Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-09(20.21)MSD

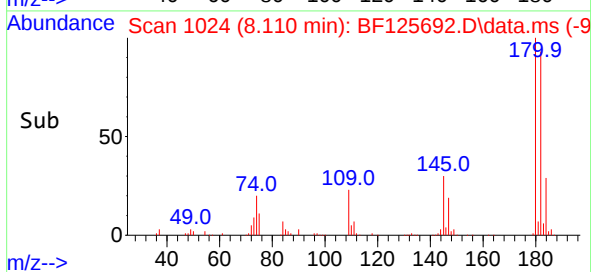
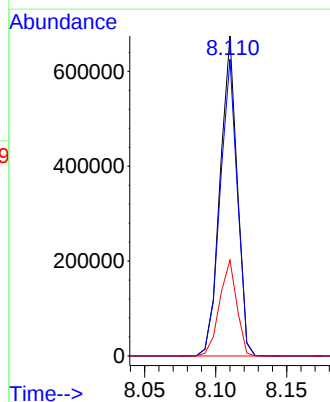
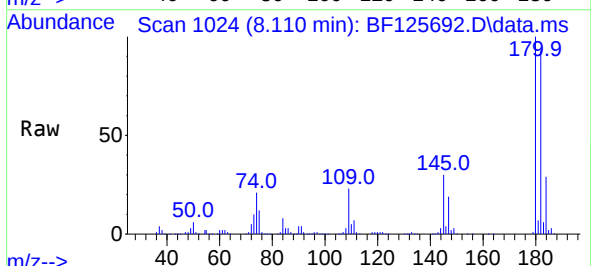
Manual Integrations
APPROVED

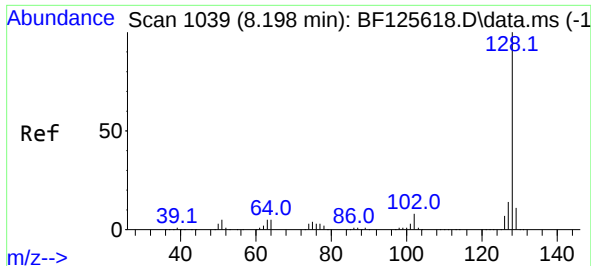
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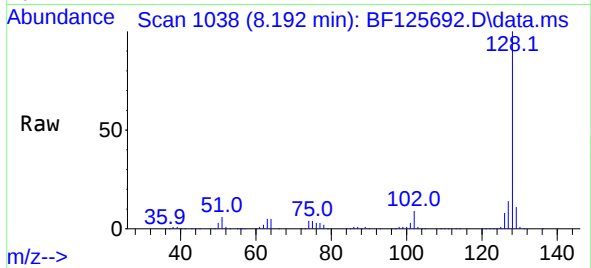
#30
1,2,4-Trichlorobenzene
Concen: 41.625 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55

Tgt Ion:180 Resp: 562081
Ion Ratio Lower Upper
180 100
182 92.7 76.8 115.2
145 29.9 26.7 40.1

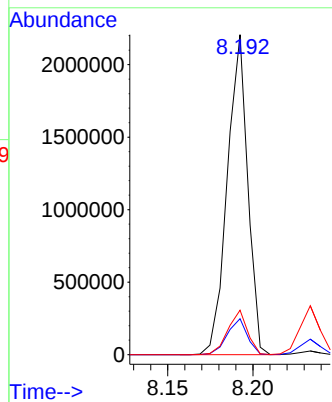
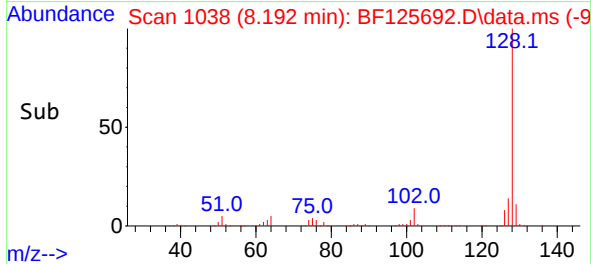




#31
Naphthalene
Concen: 41.071 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55



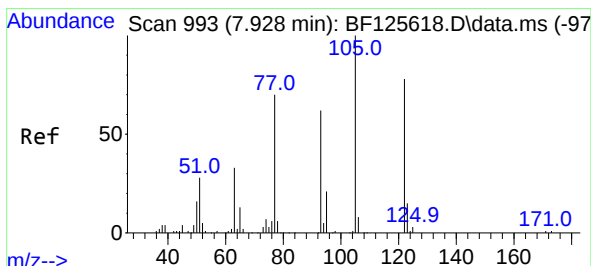
Tgt Ion:128 Resp: 1844199
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.0
127 13.9 10.9 16.3



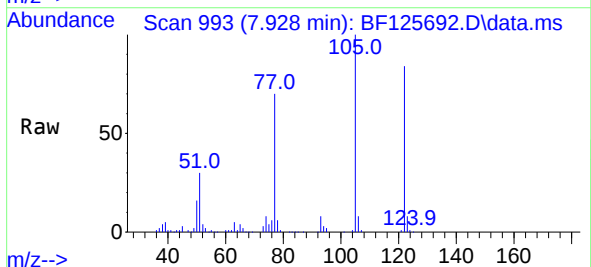
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-09(20.21)MSD

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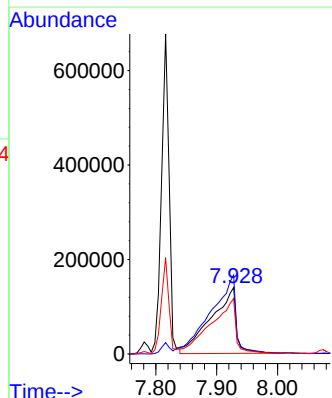
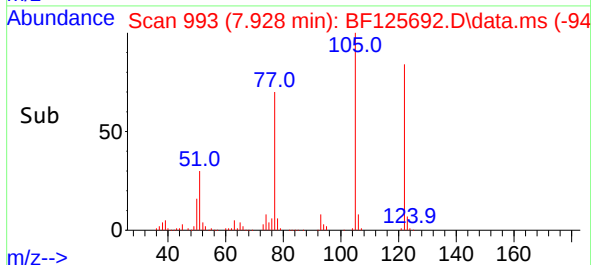
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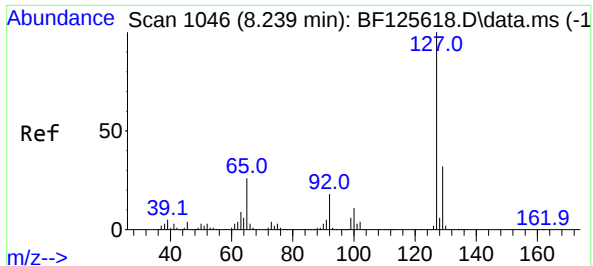


#32
Benzoic acid
Concen: 44.549 ng
RT: 7.928 min Scan# 993
Delta R.T. -0.000 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55



Tgt Ion:122 Resp: 400767
Ion Ratio Lower Upper
122 100
105 118.9 97.6 137.6
77 83.4 59.6 99.6





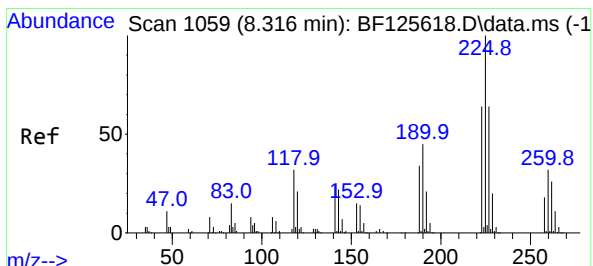
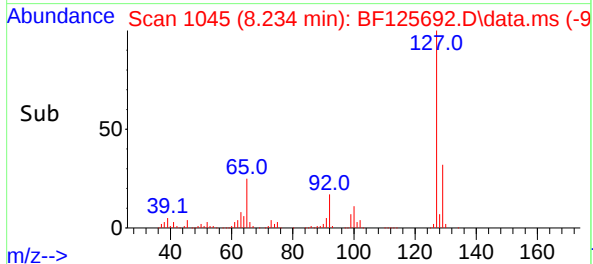
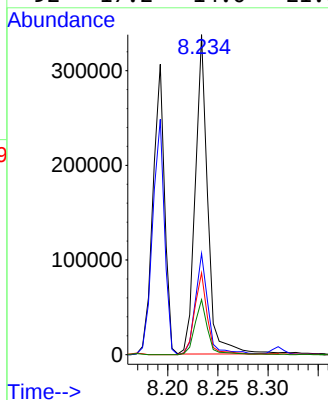
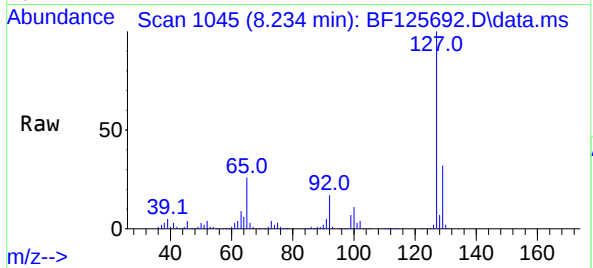
#33
4-Chloroaniline
Concen: 15.500 ng
RT: 8.234 min Scan# 1045
Delta R.T. -0.005 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55

Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-09(20.21)MSD

Tgt Ion:	127	Resp:	291933
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.7	38.5
65	25.5	21.2	31.8
92	17.2	14.0	21.0

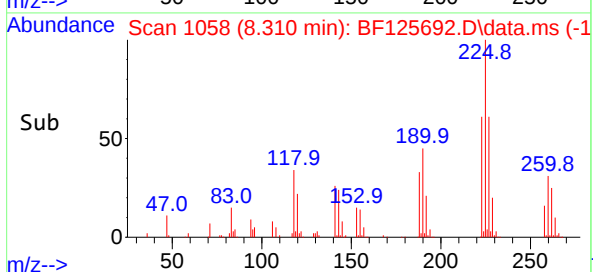
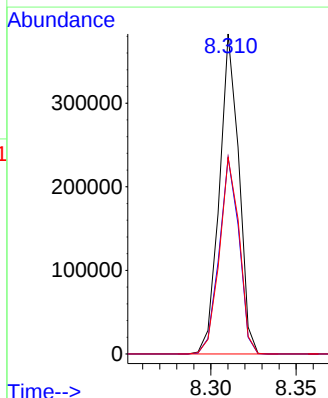
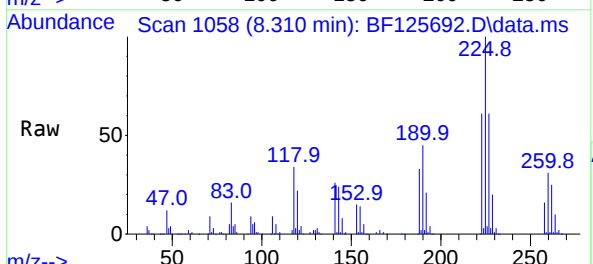
Manual Integrations
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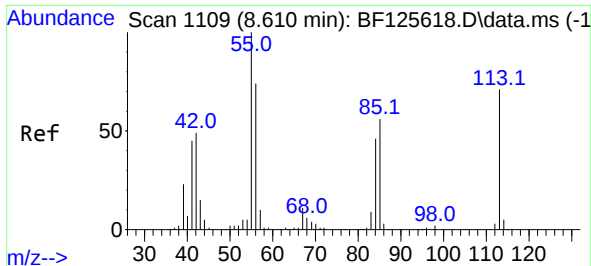
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#34
Hexachlorobutadiene
Concen: 40.828 ng
RT: 8.310 min Scan# 1058
Delta R.T. -0.006 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55

Tgt Ion:	225	Resp:	303993
Ion	Ratio	Lower	Upper
225	100		
223	61.4	50.6	76.0
227	61.4	50.6	75.8





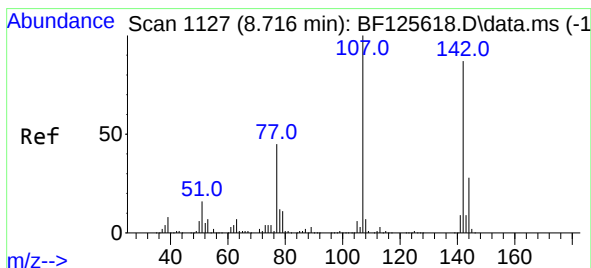
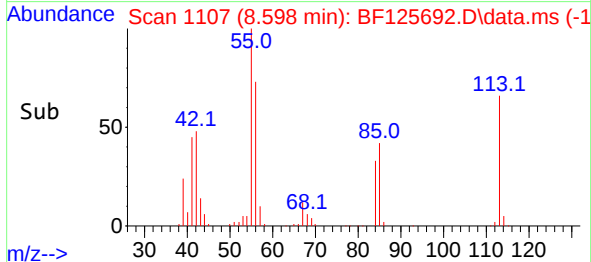
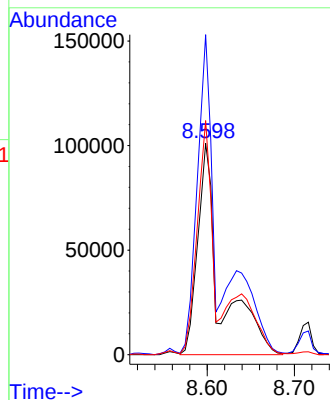
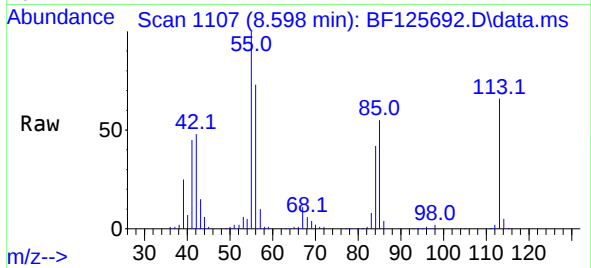
#35
Caprolactam
Concen: 44.772 ng m
RT: 8.598 min Scan# 1107
Delta R.T. -0.012 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55

Tgt Ion:113 Resp: 181238
Ion Ratio Lower Upper
113 100
55 151.3 154.1 194.1#
56 110.7 108.7 148.7

Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-09(20.21)MSD

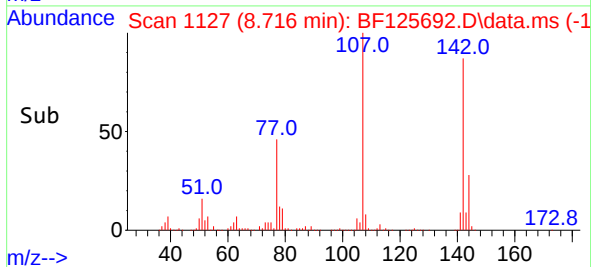
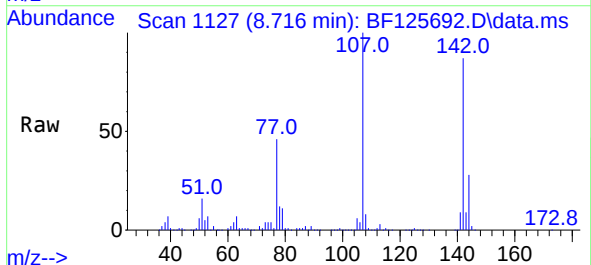
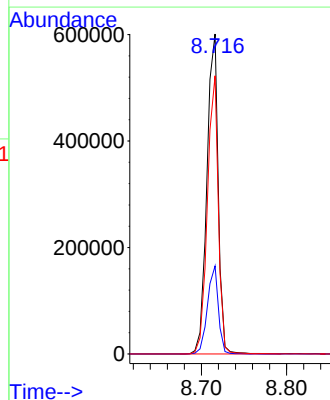
Manual Integrations
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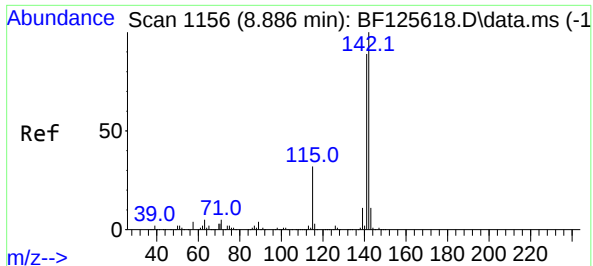
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#36
4-Chloro-3-methylphenol
Concen: 42.499 ng
RT: 8.716 min Scan# 1127
Delta R.T. -0.000 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55

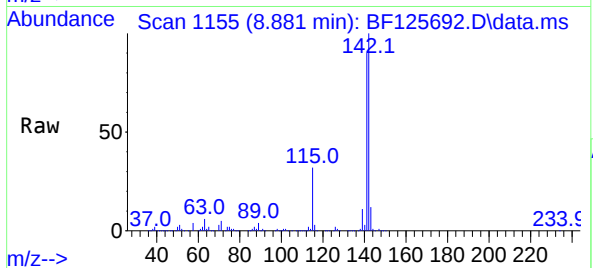
Tgt Ion:107 Resp: 552415
Ion Ratio Lower Upper
107 100
144 27.5 21.9 32.9
142 86.9 67.1 100.7





#37
2-Methylnaphthalene
Concen: 41.244 ng
RT: 8.881 min Scan# 1155
Delta R.T. -0.005 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55

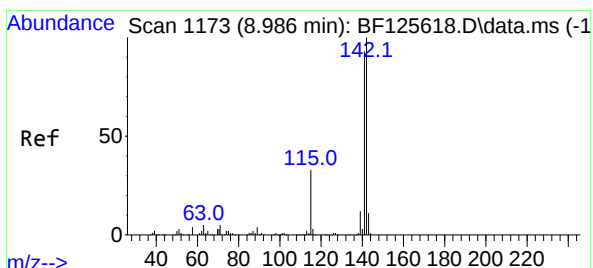
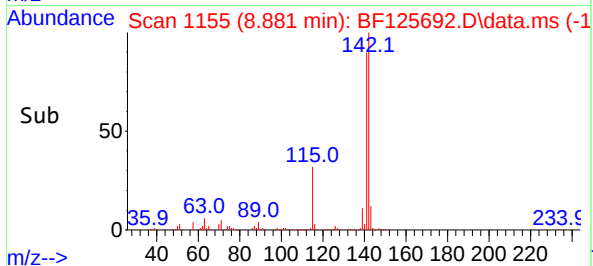
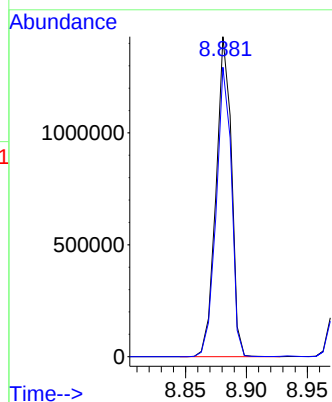
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-09(20.21)MSD



Tgt Ion:142 Resp: 1256048
Ion Ratio Lower Upper
142 100
141 90.4 71.2 106.8

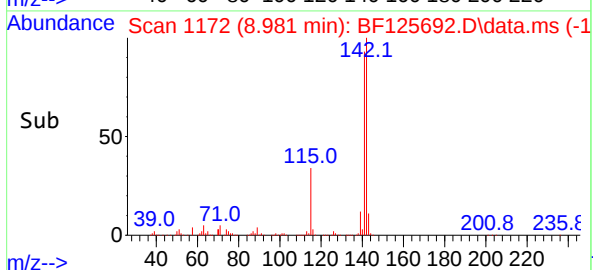
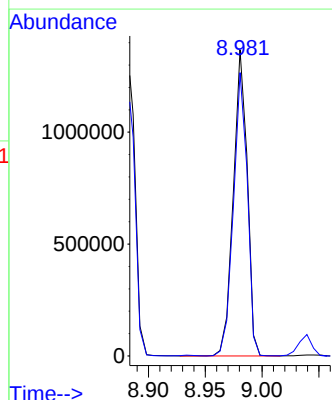
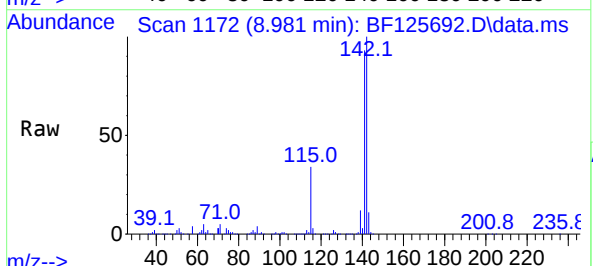
Manual Integrations
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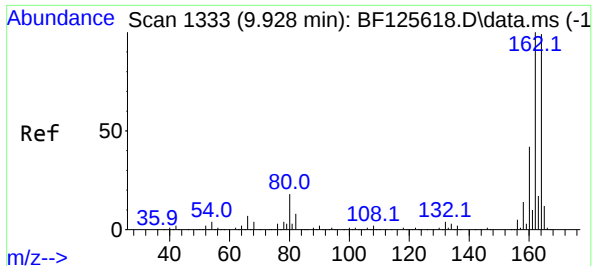
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#38
1-Methylnaphthalene
Concen: 40.415 ng
RT: 8.981 min Scan# 1172
Delta R.T. -0.005 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55

Tgt Ion:142 Resp: 1163196
Ion Ratio Lower Upper
142 100
141 92.6 76.0 114.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1332

Delta R.T. -0.006 min

Lab File: BF125692.D

Acq: 28 Sep 2021 16:55

Tgt Ion:164 Resp: 452149

Ion Ratio Lower Upper

164 100

162 101.3 81.3 121.9

160 43.6 38.0 57.0

Instrument :

BNA_F

ClientSampleId :

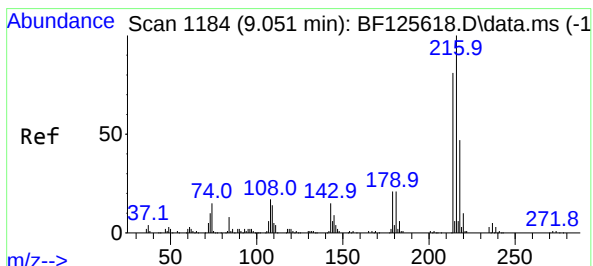
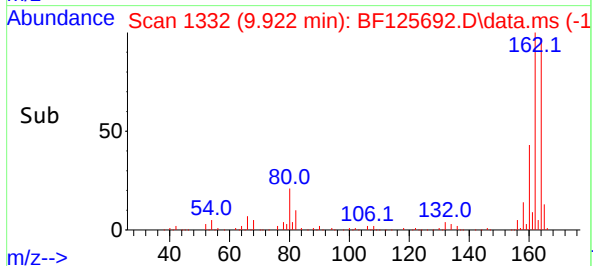
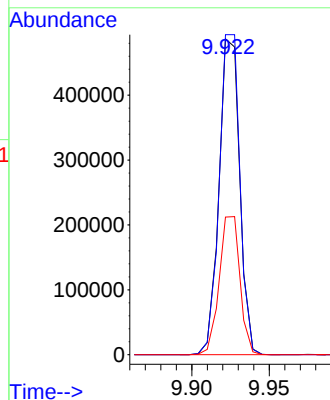
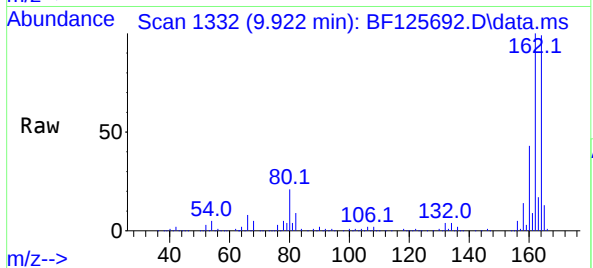
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#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.248 ng

RT: 9.051 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF125692.D

Acq: 28 Sep 2021 16:55

Tgt Ion:216 Resp: 496811

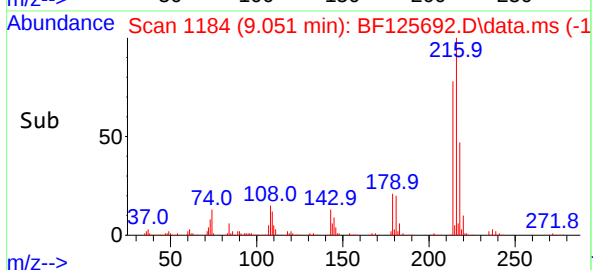
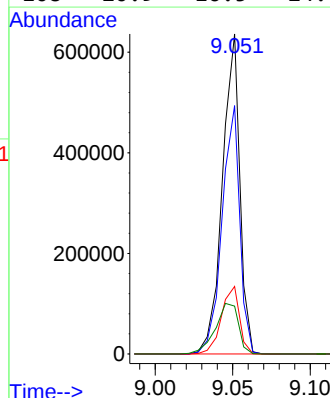
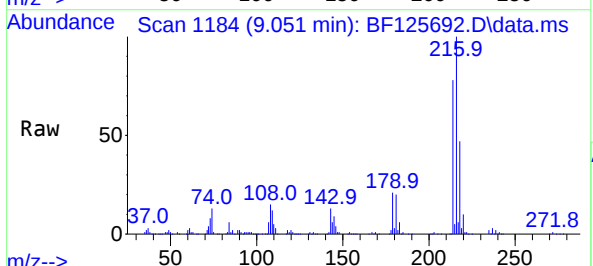
Ion Ratio Lower Upper

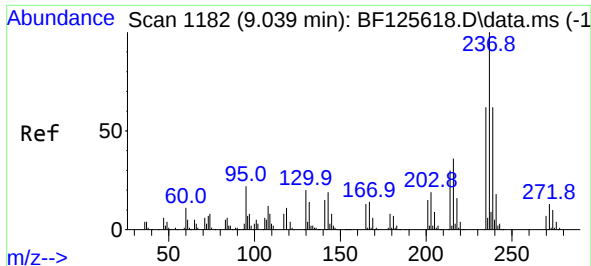
216 100

214 78.9 64.9 97.3

179 22.0 17.4 26.2

108 20.9 16.5 24.7





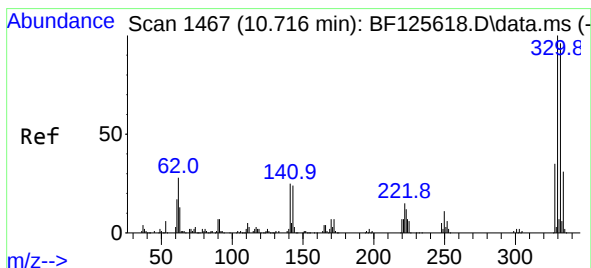
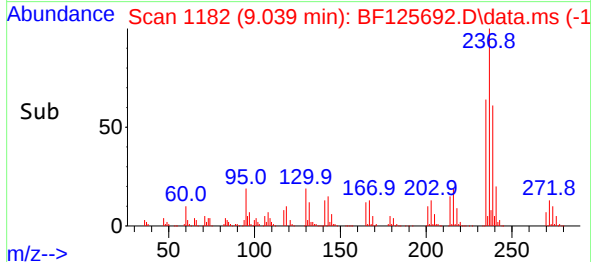
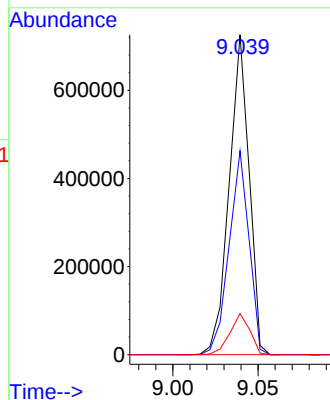
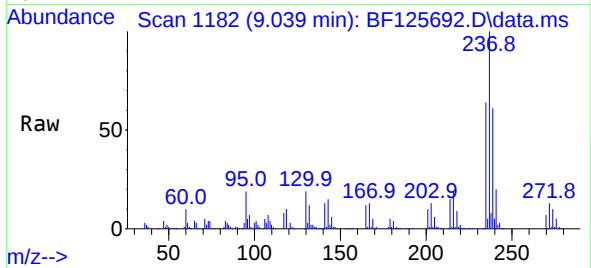
#41
Hexachlorocyclopentadiene
Concen: 118.867 ng
RT: 9.039 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55

Tgt Ion:237 Resp: 591411
Ion Ratio Lower Upper
237 100
235 63.7 44.7 84.7
272 12.9 0.0 31.6

Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-09(20.21)MSD

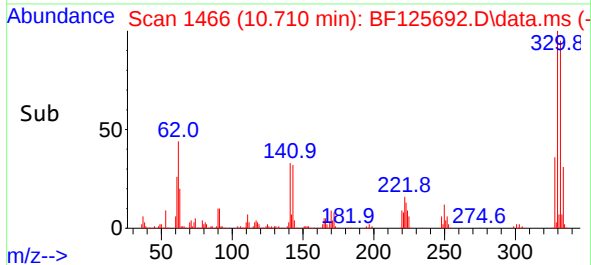
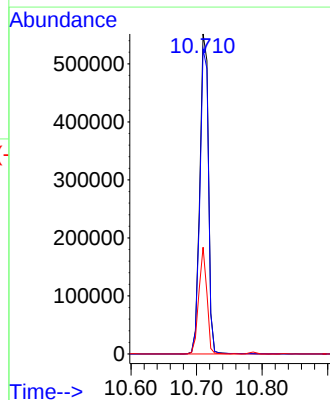
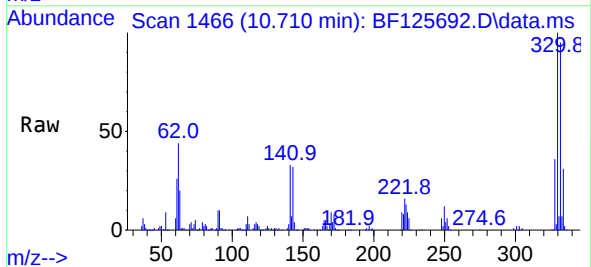
Manual Integrations
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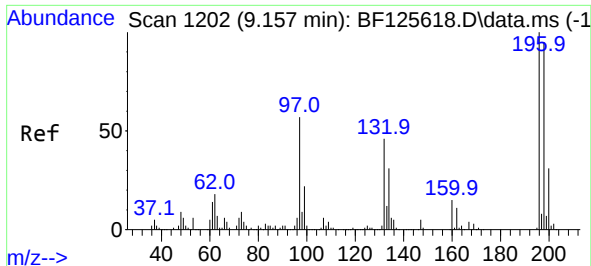
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#42
2,4,6-Tribromophenol
Concen: 119.790 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55

Tgt Ion:330 Resp: 504999
Ion Ratio Lower Upper
330 100
332 95.8 76.2 114.4
141 31.1 44.6 66.8#





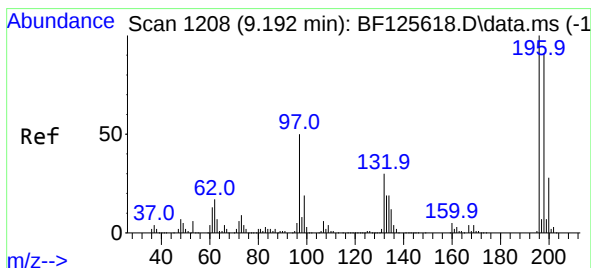
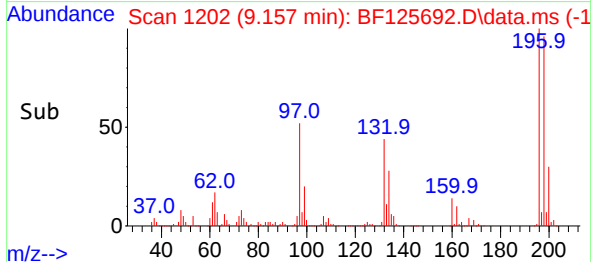
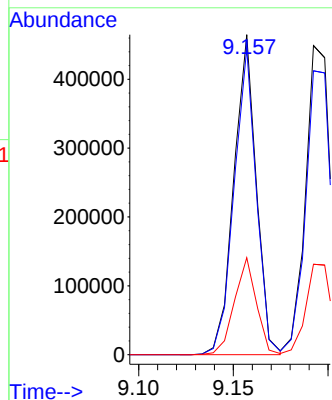
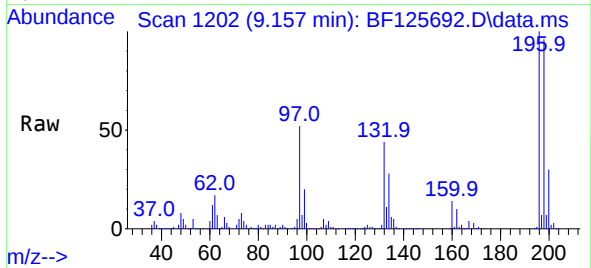
#43
2,4,6-Trichlorophenol
Concen: 46.448 ng
RT: 9.157 min Scan# 1202
Delta R.T. 0.000 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55

Tgt Ion:196 Resp: 383022
Ion Ratio Lower Upper
196 100
198 95.8 74.9 112.3
200 30.3 27.0 40.4

Instrument :
BNA_F
ClientSampleId :
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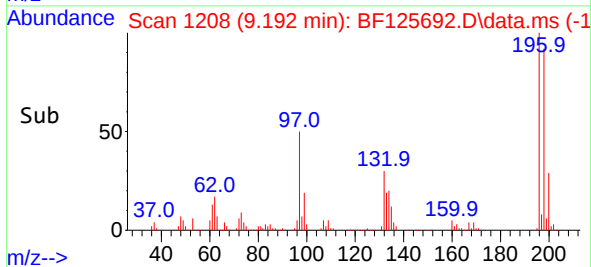
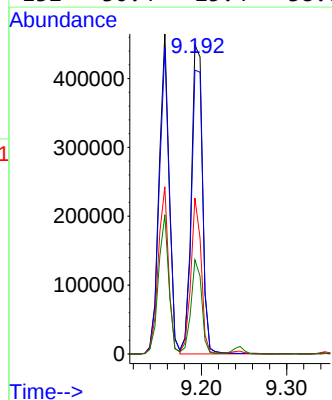
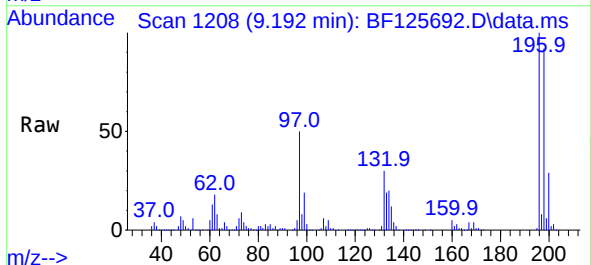
Manual Integrations
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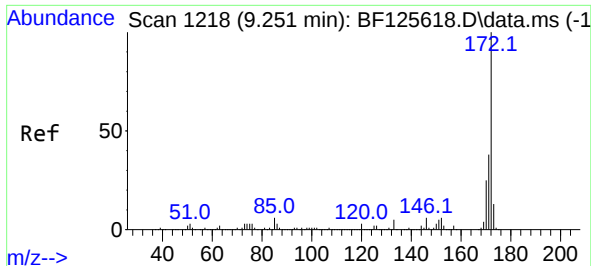
mohammad
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#44
2,4,5-Trichlorophenol
Concen: 45.967 ng
RT: 9.192 min Scan# 1208
Delta R.T. 0.000 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55

Tgt Ion:196 Resp: 409257
Ion Ratio Lower Upper
196 100
198 91.8 80.2 120.2
97 50.4 44.0 66.0
132 30.4 25.4 38.0





#45
2-Fluorobiphenyl
Concen: 75.286 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55

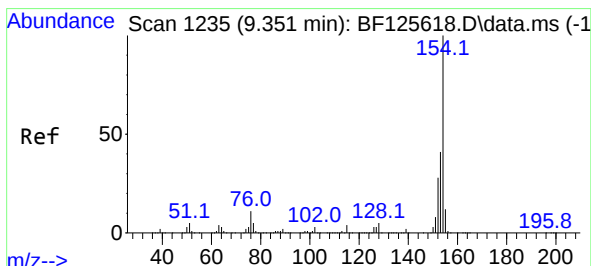
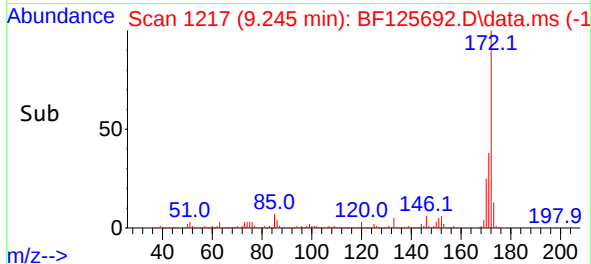
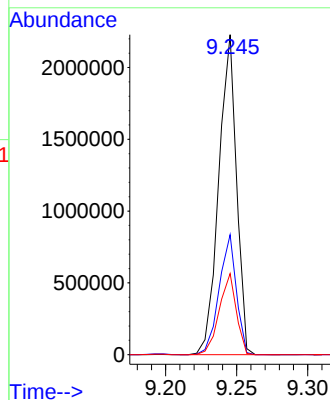
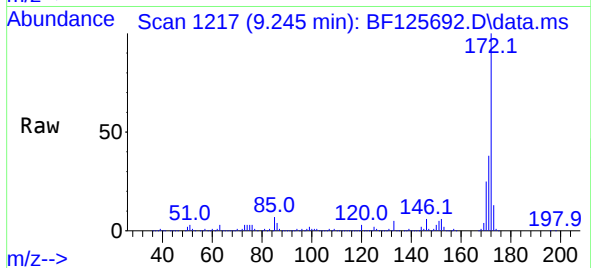
Tgt Ion:172 Resp: 1932958

Ion	Ratio	Lower	Upper
172	100		
171	37.5	26.5	39.7
170	25.3	18.8	28.2

Instrument :
BNA_F
ClientSampleId :
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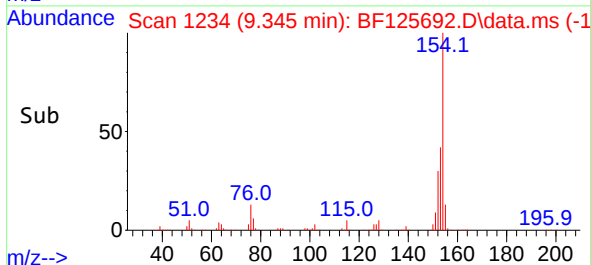
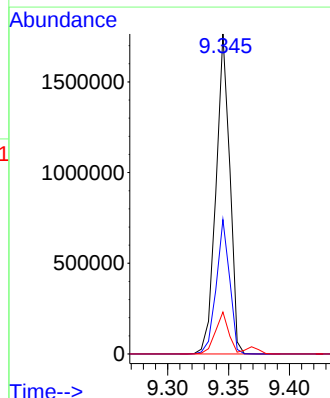
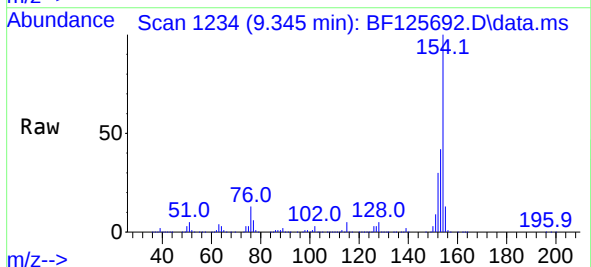
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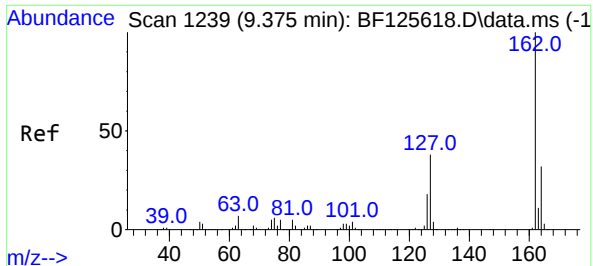


#46
1,1'-Biphenyl
Concen: 41.751 ng
RT: 9.345 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55

Tgt Ion:154 Resp: 1392006

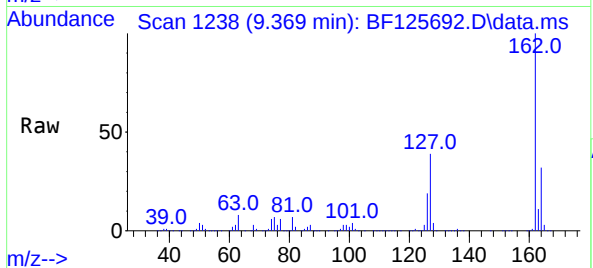
Ion	Ratio	Lower	Upper
154	100		
153	42.0	20.0	60.0
76	13.1	0.0	30.3





#47
2-Chloronaphthalene
Concen: 42.737 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55

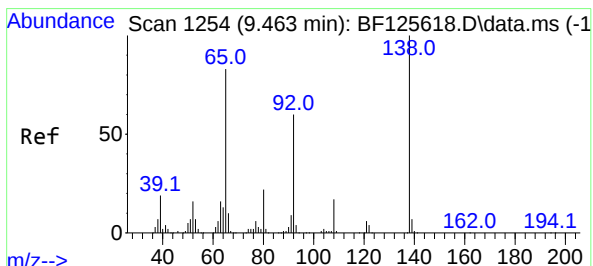
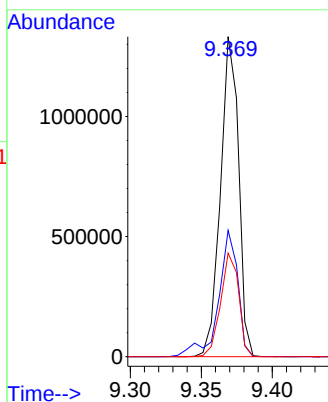
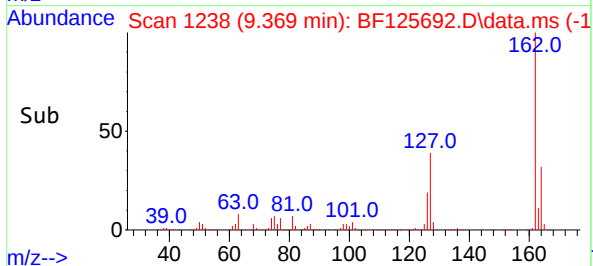
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-09(20.21)MSD



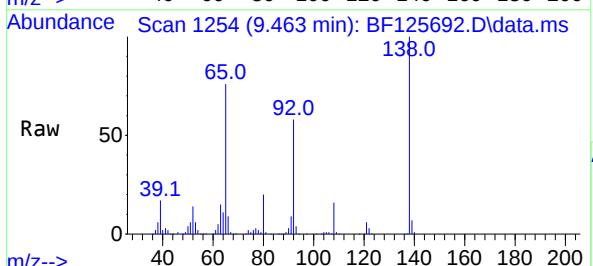
Tgt Ion:162 Resp: 1179679
Ion Ratio Lower Upper
162 100
127 39.4 33.0 49.4
164 32.4 25.8 38.8

Manual Integrations
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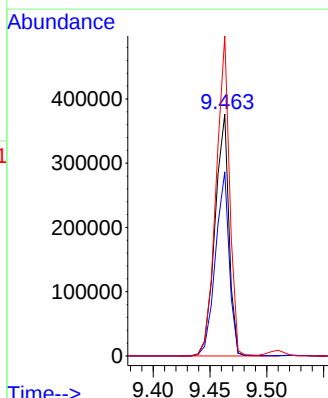
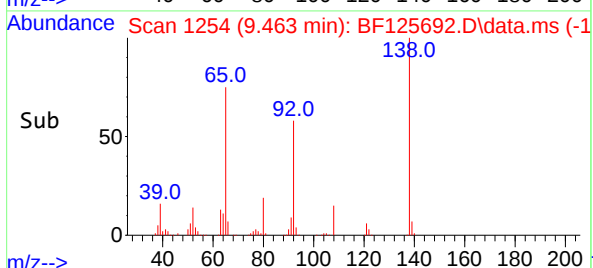
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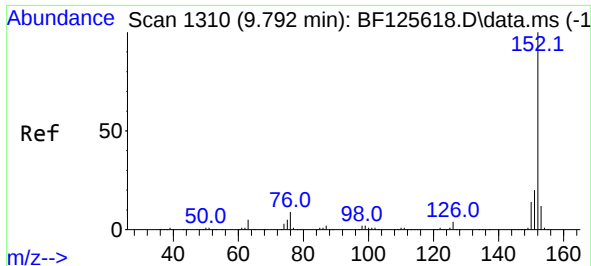


#48
2-Nitroaniline
Concen: 49.472 ng
RT: 9.463 min Scan# 1254
Delta R.T. -0.000 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55



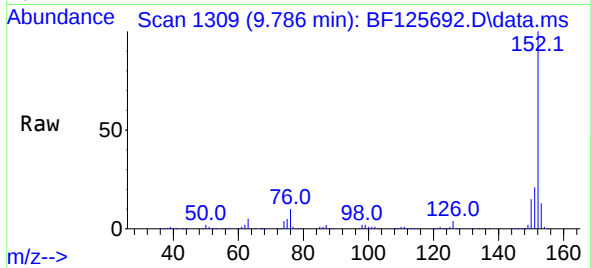
Tgt Ion: 65 Resp: 323008
Ion Ratio Lower Upper
65 100
92 76.2 55.5 83.3
138 132.4 93.5 140.3





#49
Acenaphthylene
Concen: 42.982 ng
RT: 9.786 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55

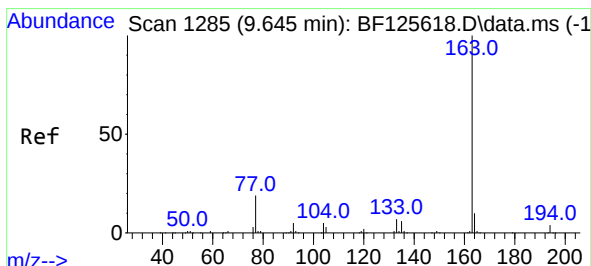
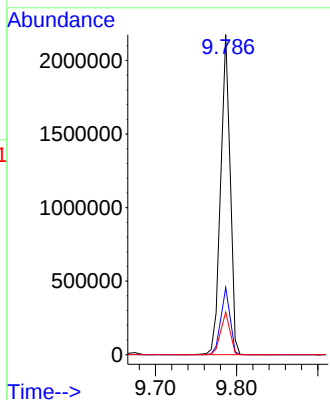
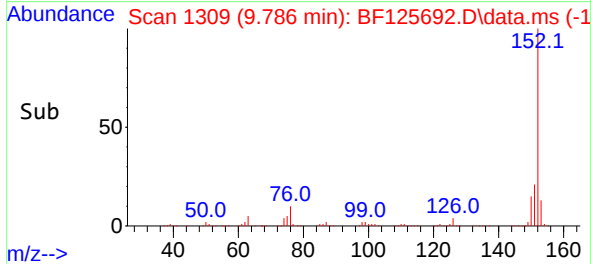
Instrument :
BNA_F
ClientSampleId :
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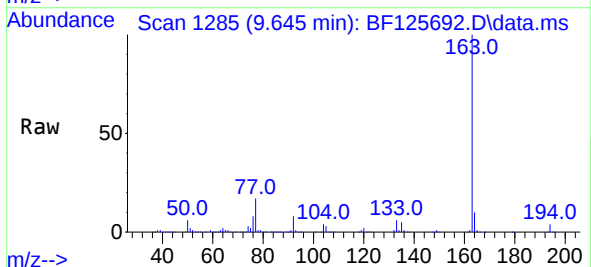
Tgt Ion:152 Resp: 1786068
Ion Ratio Lower Upper
152 100
151 21.0 15.7 23.5
153 13.3 9.8 14.8

Manual Integrations
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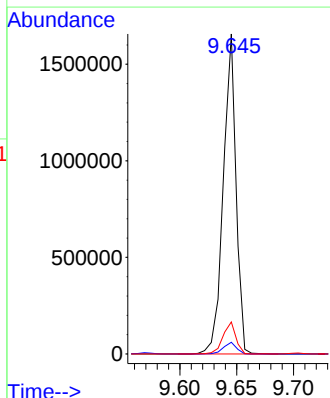
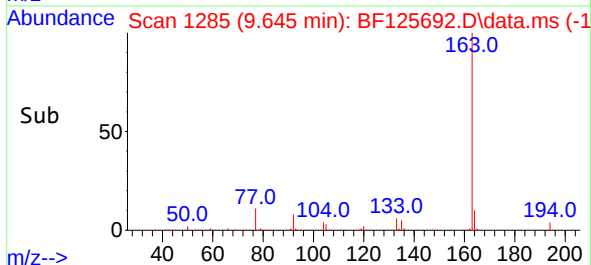
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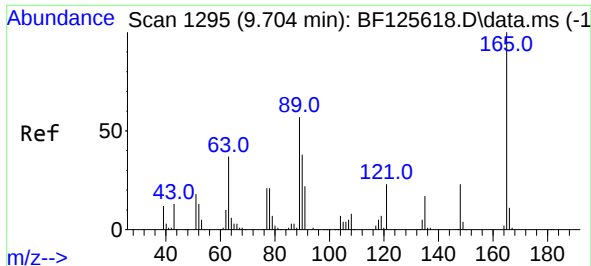


#50
Dimethylphthalate
Concen: 42.648 ng
RT: 9.645 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55



Tgt Ion:163 Resp: 1299043
Ion Ratio Lower Upper
163 100
194 3.6 2.6 3.8
164 10.0 7.4 11.0





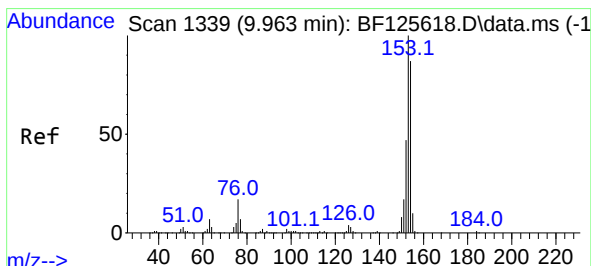
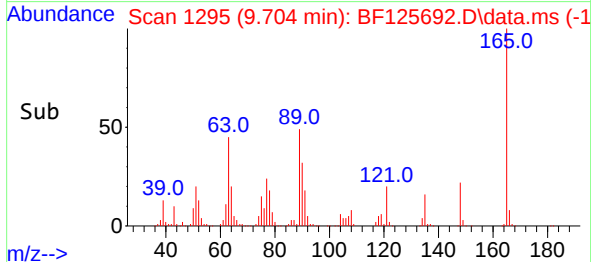
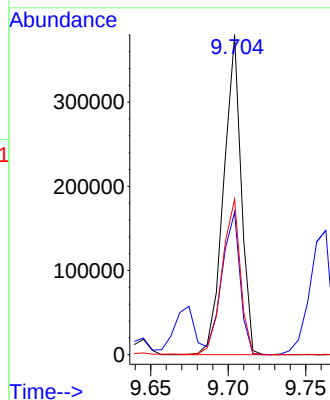
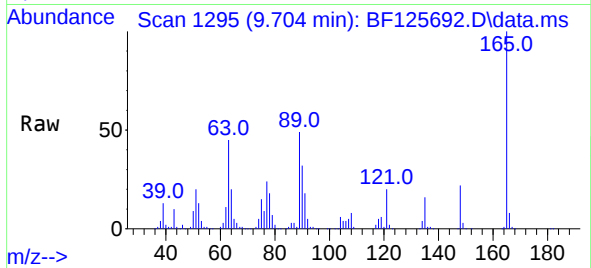
#51
2,6-Dinitrotoluene
Concen: 48.163 ng
RT: 9.704 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55

Tgt Ion:165 Resp: 298988
Ion Ratio Lower Upper
165 100
63 44.5 42.6 63.8
89 48.6 40.6 60.8

Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-09(20.21)MSD

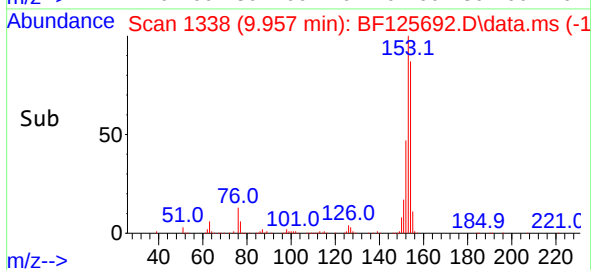
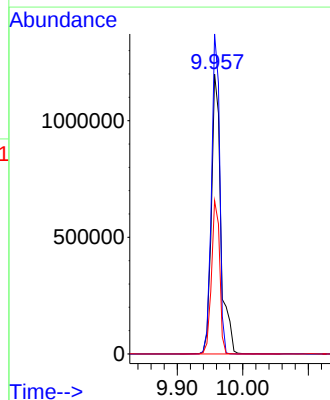
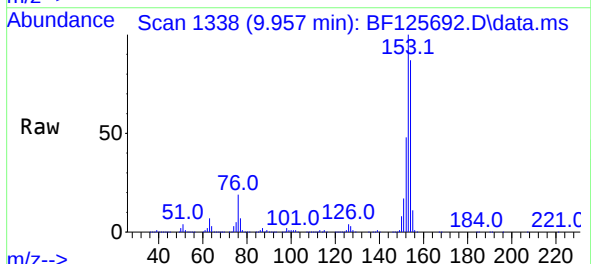
Manual Integrations
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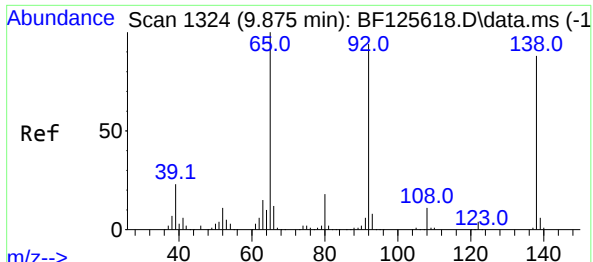
mohammad
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#52
Acenaphthene
Concen: 46.464 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55

Tgt Ion:154 Resp: 1210549
Ion Ratio Lower Upper
154 100
153 114.3 89.4 134.2
152 54.7 40.5 60.7





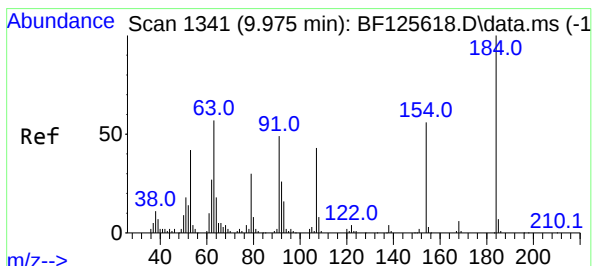
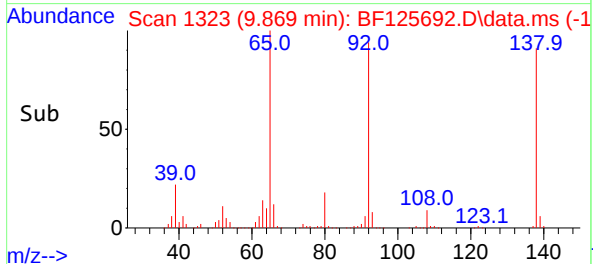
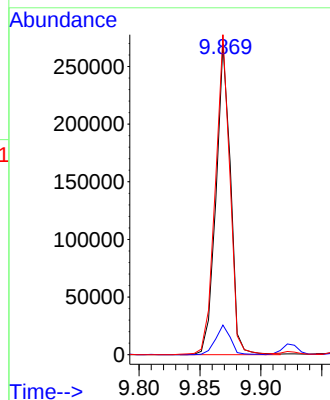
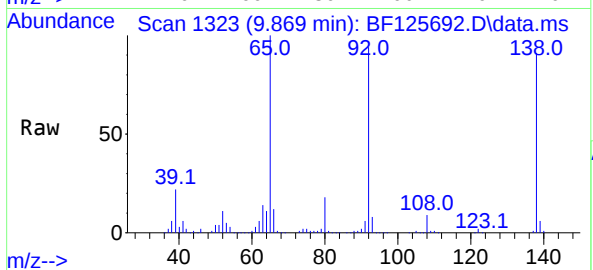
#53
3-Nitroaniline
Concen: 32.541 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55

Tgt Ion:138 Resp: 222789
Ion Ratio Lower Upper
138 100
108 9.5 9.3 13.9
92 103.0 76.5 114.7

Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-09(20.21)MSD

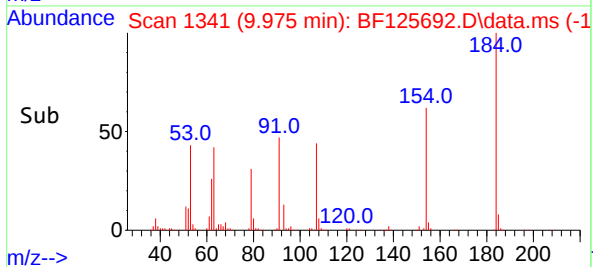
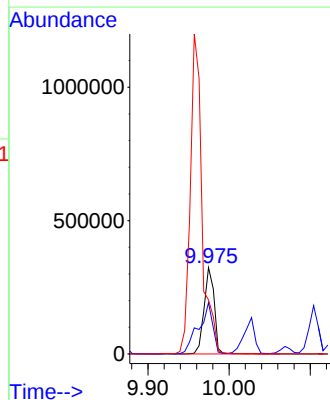
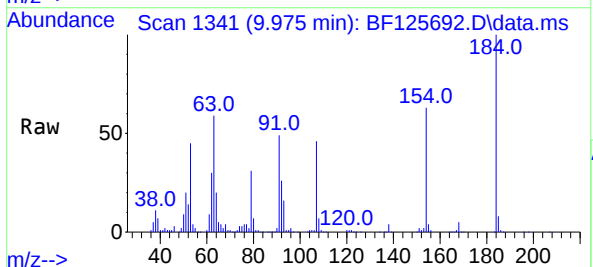
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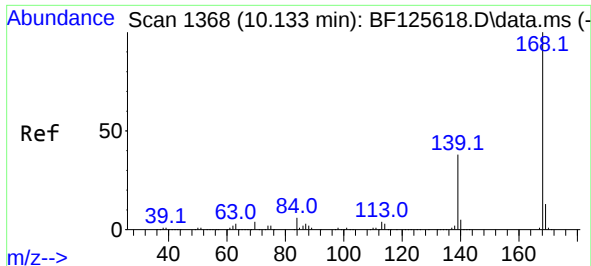
mohammad
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#54
2,4-Dinitrophenol
Concen: 91.025 ng
RT: 9.975 min Scan# 1341
Delta R.T. -0.000 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55

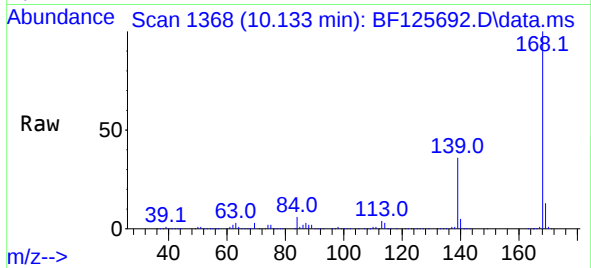
Tgt Ion:184 Resp: 280673
Ion Ratio Lower Upper
184 100
63 59.5 59.3 88.9
154 62.6 68.6 102.8#





#55
Dibenzofuran
Concen: 41.368 ng
RT: 10.133 min Scan# 1368
Delta R.T. 0.000 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55

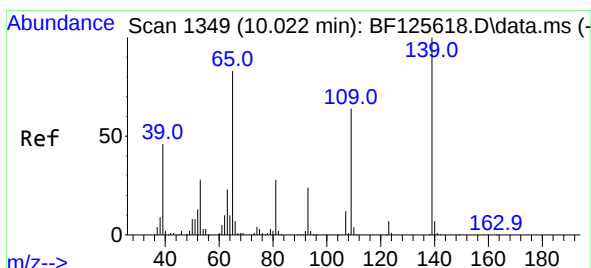
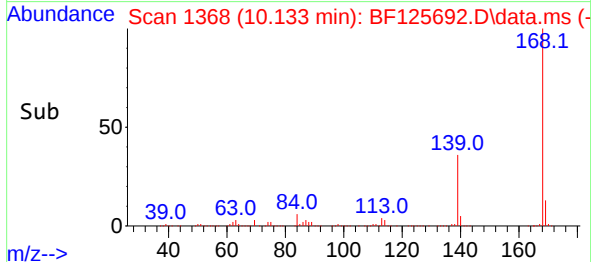
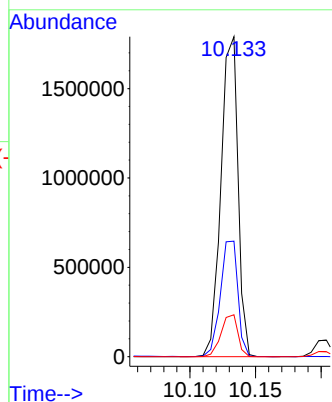
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-09(20.21)MSD



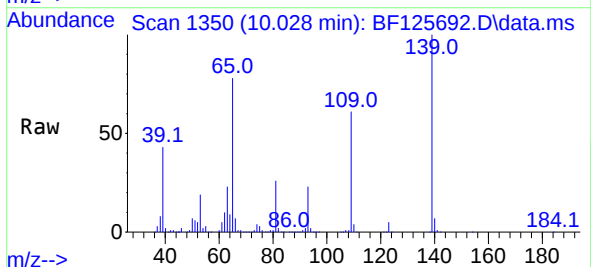
Tgt Ion:168 Resp: 1616988
Ion Ratio Lower Upper
168 100
139 36.1 32.7 49.1
169 13.1 11.2 16.8

Manual Integrations
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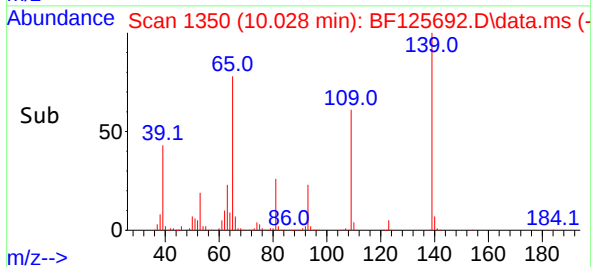
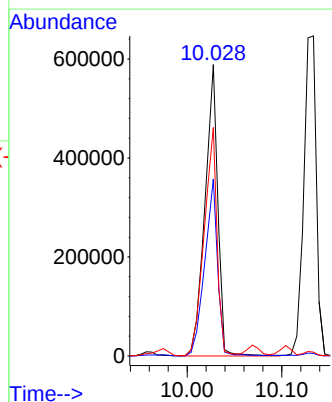
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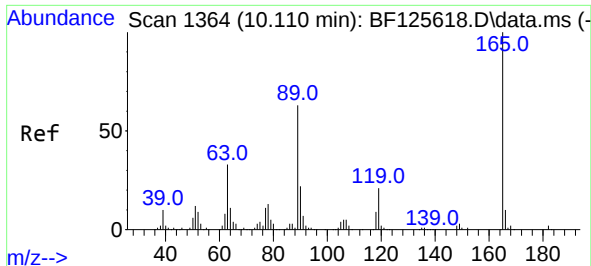


#56
4-Nitrophenol
Concen: 99.343 ng
RT: 10.028 min Scan# 1350
Delta R.T. 0.006 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55



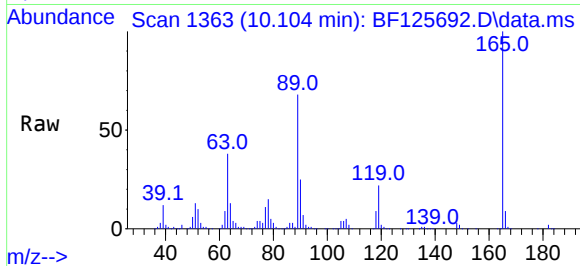
Tgt Ion:139 Resp: 557408
Ion Ratio Lower Upper
139 100
109 60.8 60.4 100.4
65 78.5 58.4 98.4





#57
2,4-Dinitrotoluene
Concen: 51.548 ng
RT: 10.104 min Scan# 1363
Delta R.T. -0.006 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55

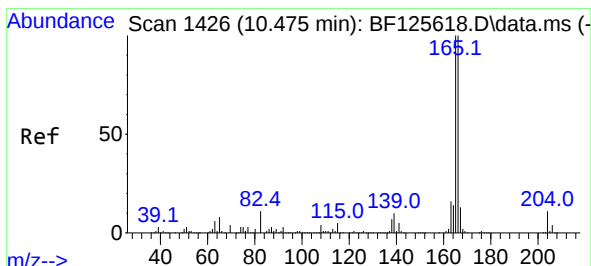
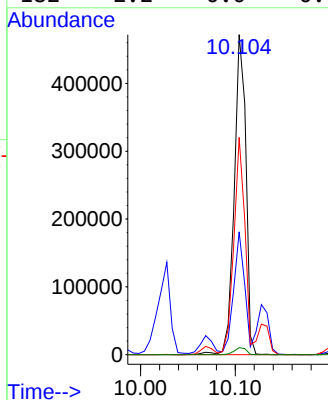
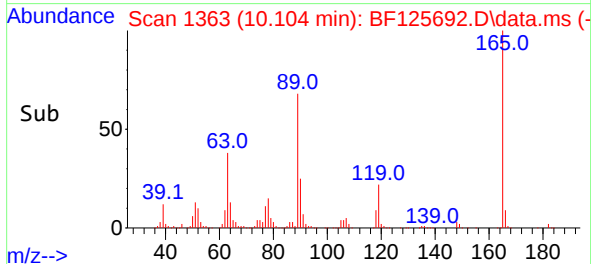
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-09(20.21)MSD



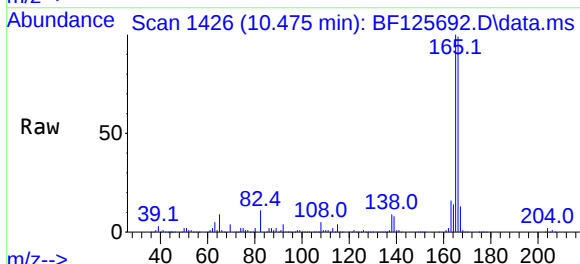
Tgt Ion:165 Resp: 402002
Ion Ratio Lower Upper
165 100
63 38.4 40.9 61.3#
89 67.9 59.7 89.5
182 2.2 0.0 0.0#

Manual Integrations
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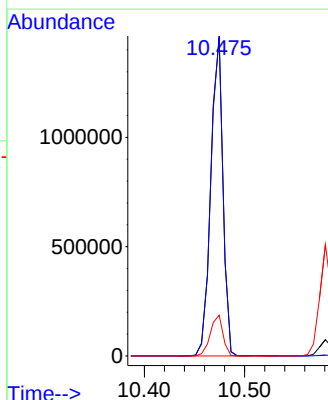
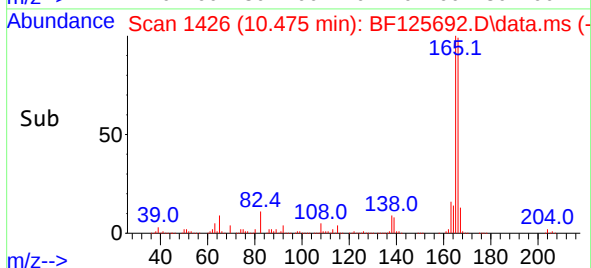
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9/29/2021 12:55:06 PM

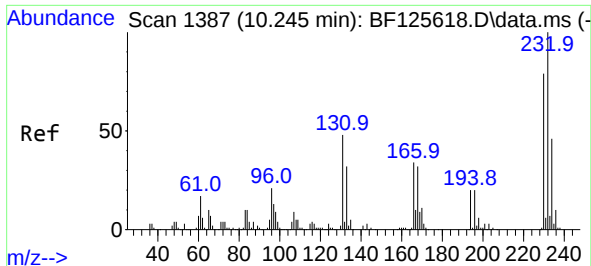


#58
Fluorene
Concen: 40.507 ng
RT: 10.475 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55

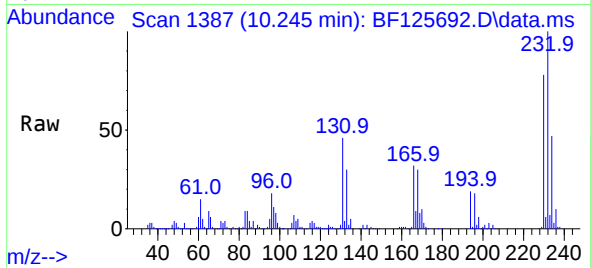


Tgt Ion:166 Resp: 1232418
Ion Ratio Lower Upper
166 100
165 100.7 78.1 117.1
167 12.9 11.1 16.7

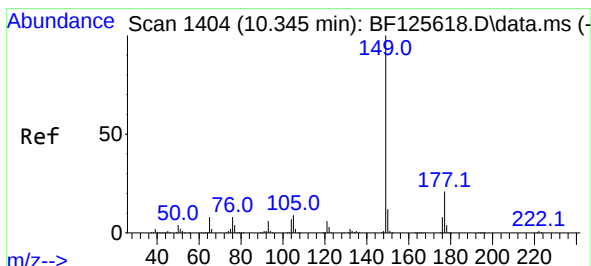
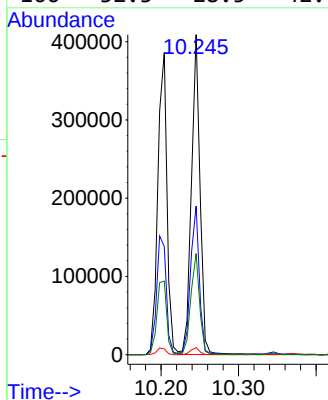
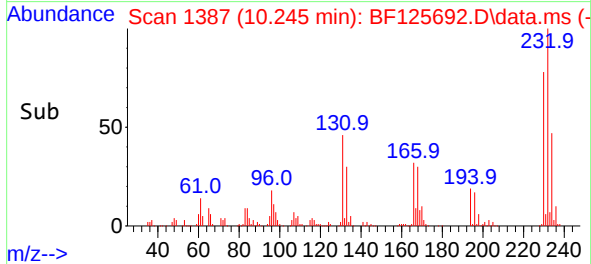




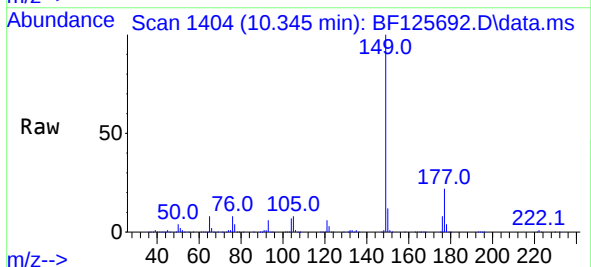
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.056 ng
RT: 10.245 min Scan# 1387
Delta R.T. 0.000 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55



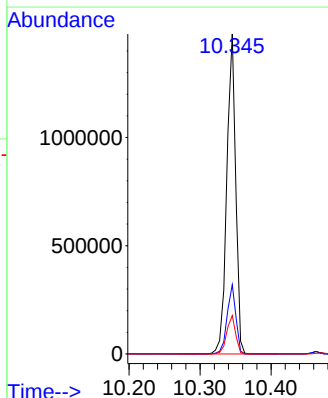
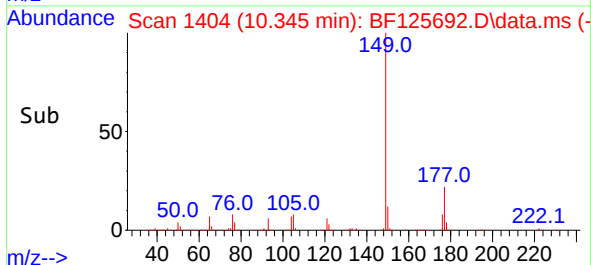
Tgt Ion:232 Resp: 315586
Ion Ratio Lower Upper
232 100
131 47.3 45.4 68.0
130 2.2 0.0 0.0#
166 32.3 28.5 42.7



#60
Diethylphthalate
Concen: 43.533 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55



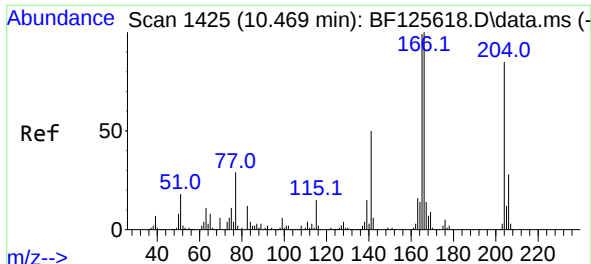
Tgt Ion:149 Resp: 1278407
Ion Ratio Lower Upper
149 100
177 21.6 16.5 24.7
150 12.0 10.1 15.1



Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-09(20.21)MSD

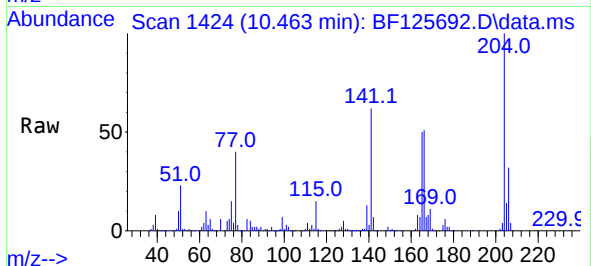
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#61
4-Chlorophenyl-phenylether
Concen: 40.693 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55

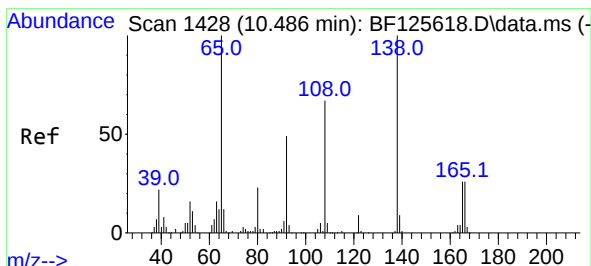
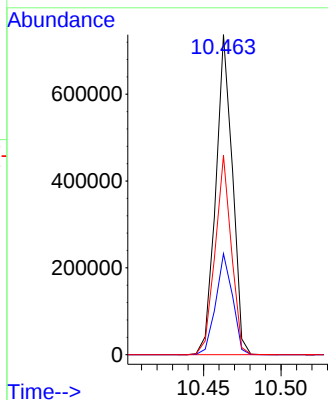
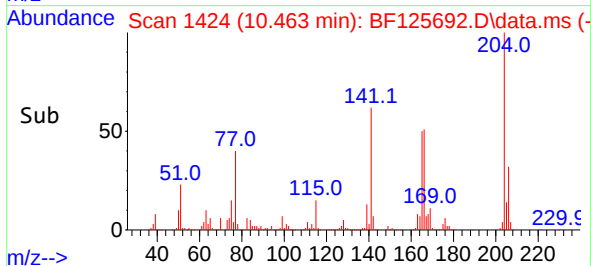
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-09(20.21)MSD



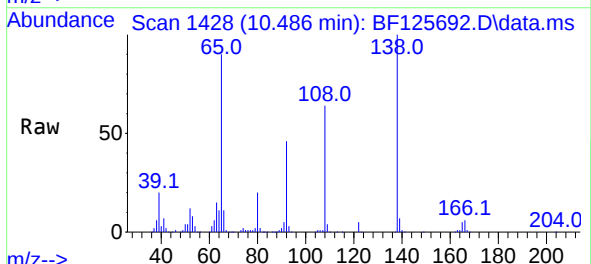
Tgt Ion:204 Resp: 550313
Ion Ratio Lower Upper
204 100
206 31.5 27.6 41.4
141 62.2 58.6 88.0

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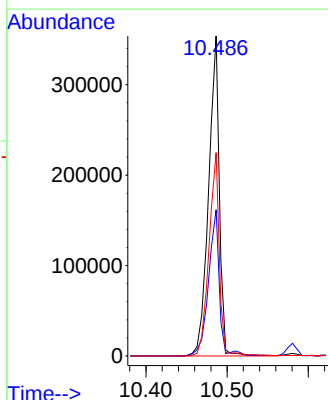
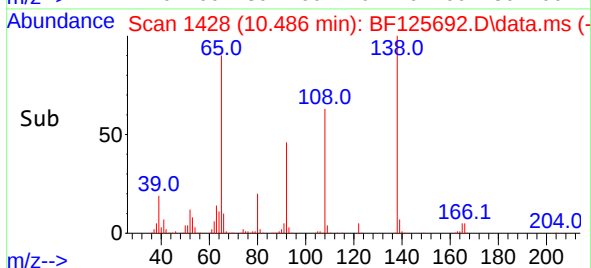
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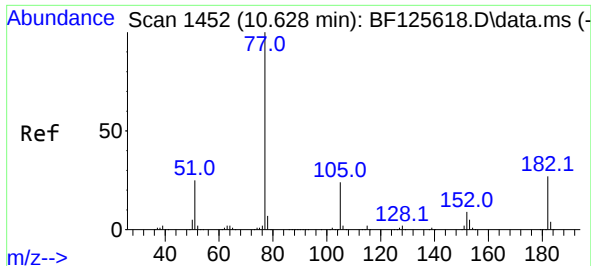


#62
4-Nitroaniline
Concen: 47.034 ng
RT: 10.486 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55



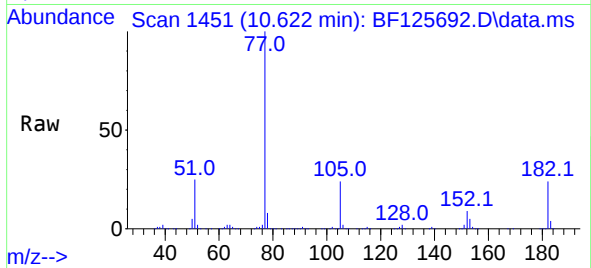
Tgt Ion:138 Resp: 326136
Ion Ratio Lower Upper
138 100
92 45.7 29.6 69.6
108 63.6 78.1 118.1#





#63
Azobenzene
Concen: 41.320 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55

Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-09(20.21)MSD

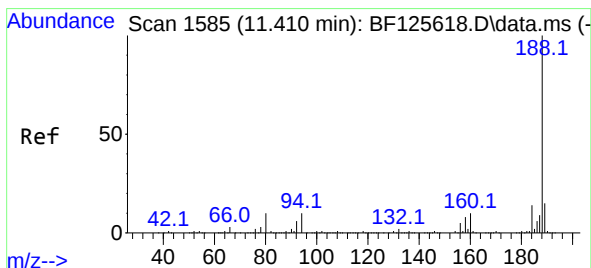
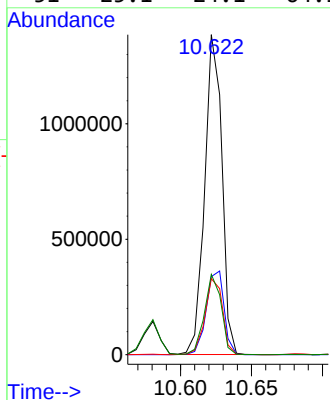
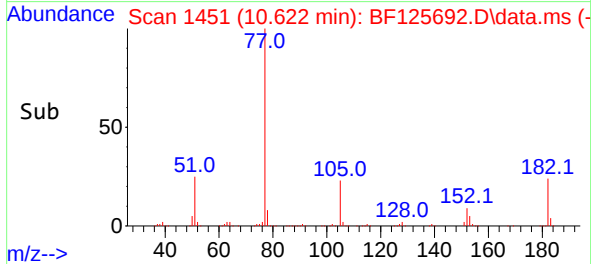


Tgt Ion: 77 Resp: 1171582

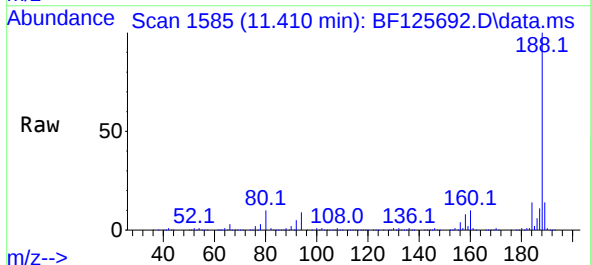
Ion	Ratio	Lower	Upper
77	100		
182	24.4	6.3	46.3
105	23.8	2.9	42.9
51	25.1	24.1	64.1

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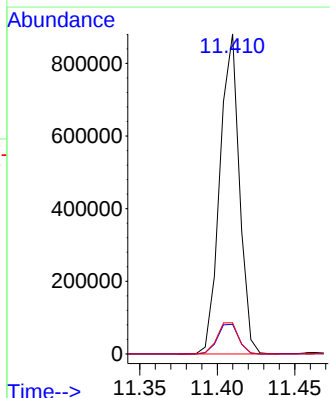
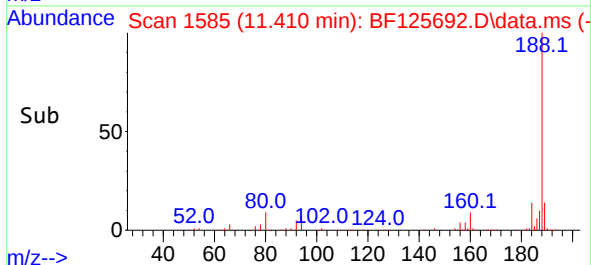


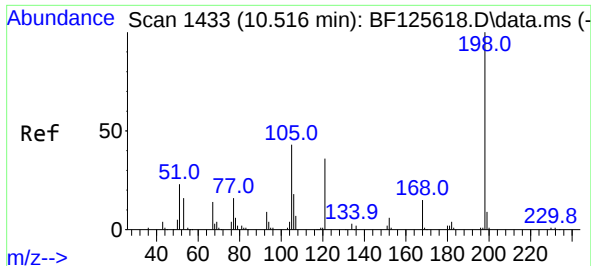
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55



Tgt Ion: 188 Resp: 773416

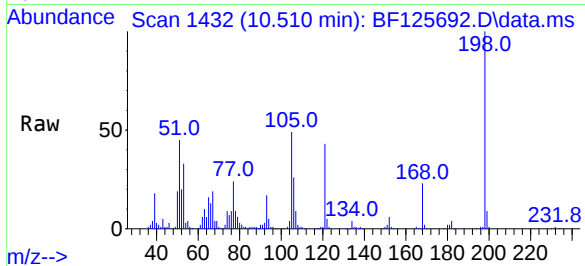
Ion	Ratio	Lower	Upper
188	100		
94	9.3	6.7	10.1
80	9.7	7.5	11.3





#65
4,6-Dinitro-2-methylphenol
Concen: 47.277 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55

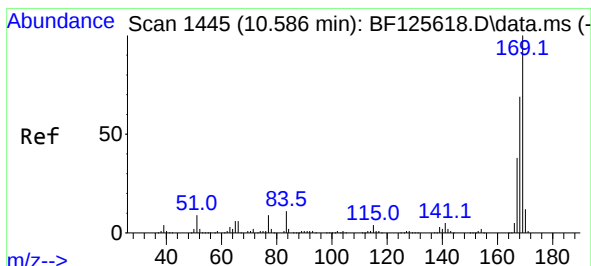
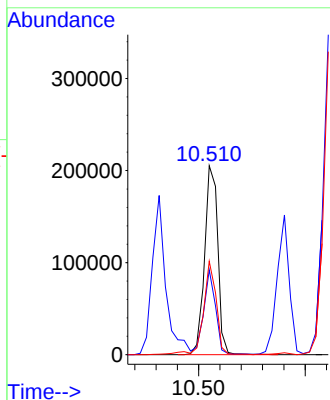
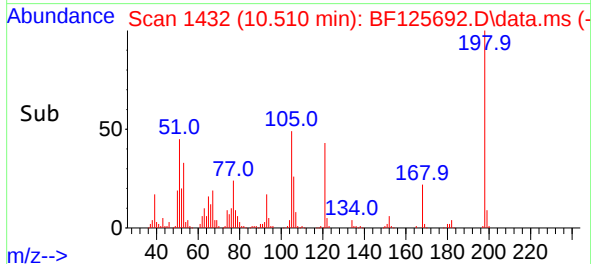
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-09(20.21)MSD



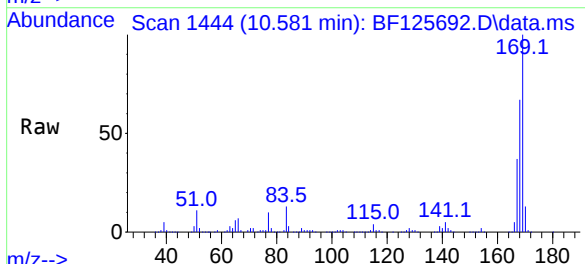
Tgt Ion:198 Resp: 177340
Ion Ratio Lower Upper
198 100
51 44.9 45.3 85.3#
105 49.4 30.6 70.6

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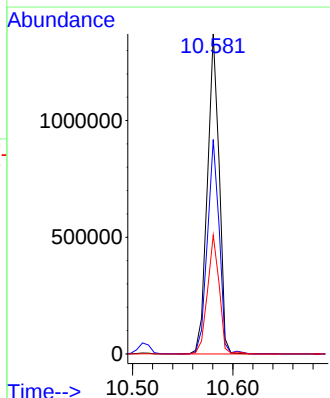
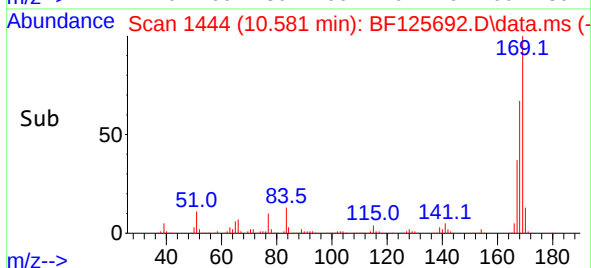
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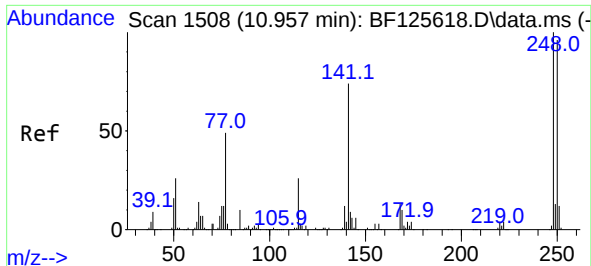


#66
n-Nitrosodiphenylamine
Concen: 41.911 ng
RT: 10.581 min Scan# 1444
Delta R.T. -0.005 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55



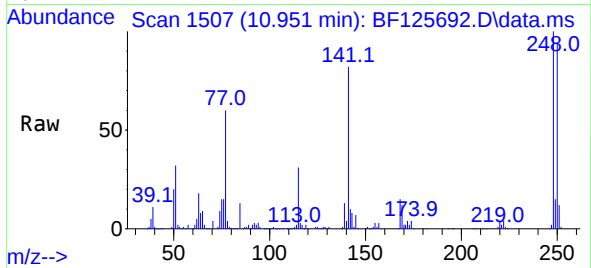
Tgt Ion:169 Resp: 1112749
Ion Ratio Lower Upper
169 100
168 67.0 50.8 76.2
167 37.2 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 42.314 ng
RT: 10.951 min Scan# 1507
Delta R.T. -0.006 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55

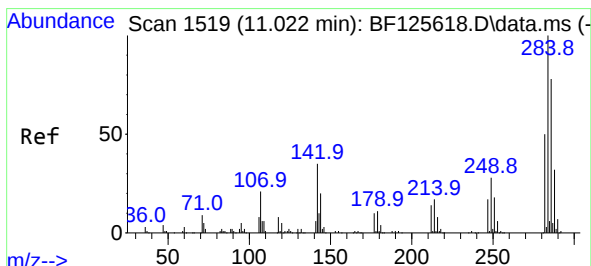
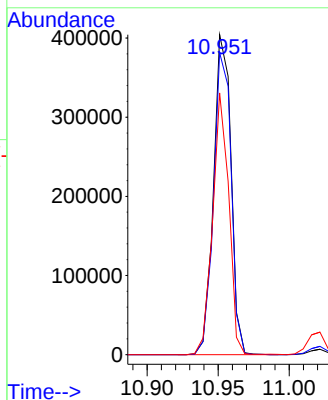
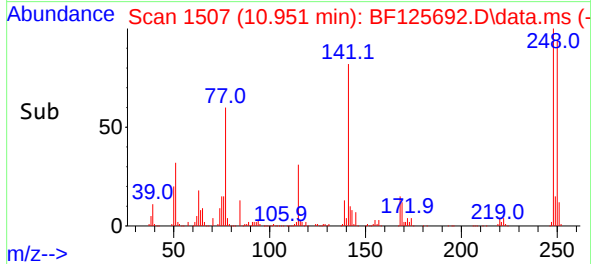
Instrument :
BNA_F
ClientSampleId :
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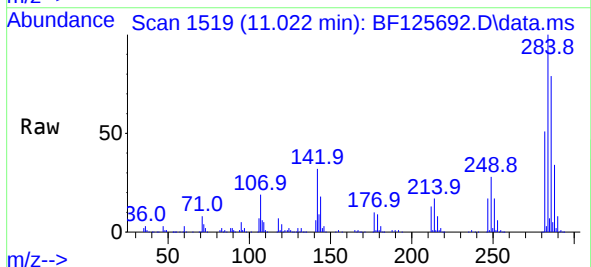
Tgt Ion:248 Resp: 343448
Ion Ratio Lower Upper
248 100
250 94.3 74.2 111.4
141 81.8 60.4 90.6

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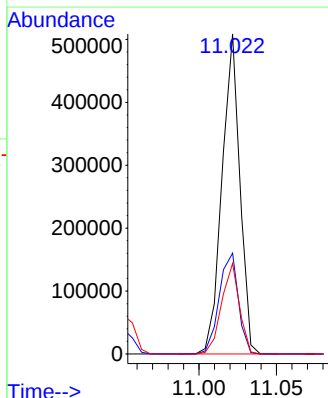
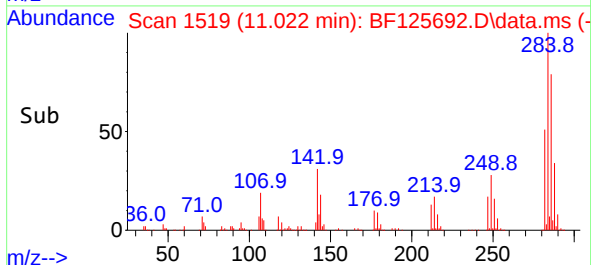
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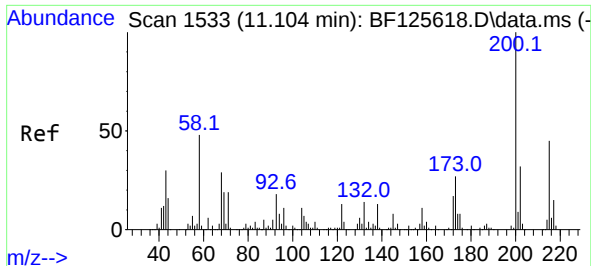


#68
Hexachlorobenzene
Concen: 42.743 ng
RT: 11.022 min Scan# 1519
Delta R.T. -0.000 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55



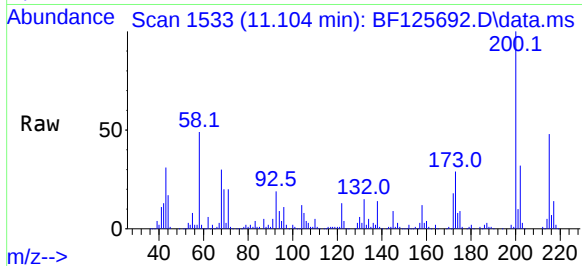
Tgt Ion:284 Resp: 407182
Ion Ratio Lower Upper
284 100
142 31.5 36.4 54.6#
249 28.3 25.6 38.4





#69
Atrazine
Concen: 48.004 ng
RT: 11.104 min Scan# 1533
Delta R.T. 0.000 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55

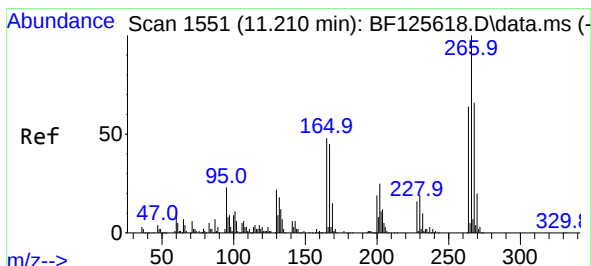
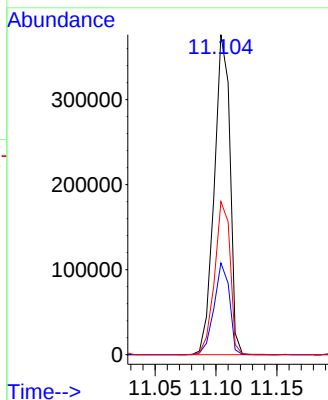
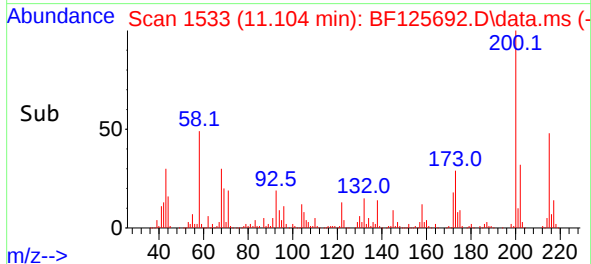
Instrument :
BNA_F
ClientSampleId :
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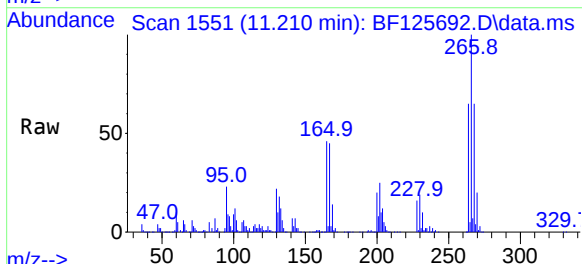
Tgt Ion:200 Resp: 337943
Ion Ratio Lower Upper
200 100
173 28.7 11.1 51.1
215 47.9 22.7 62.7

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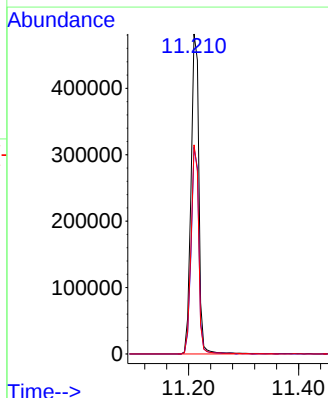
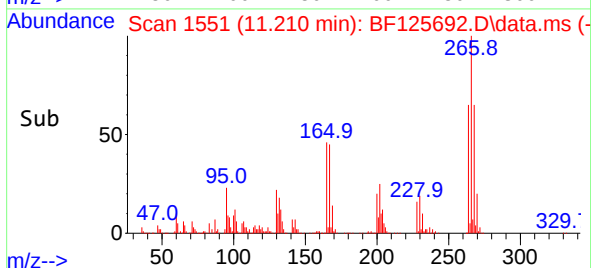
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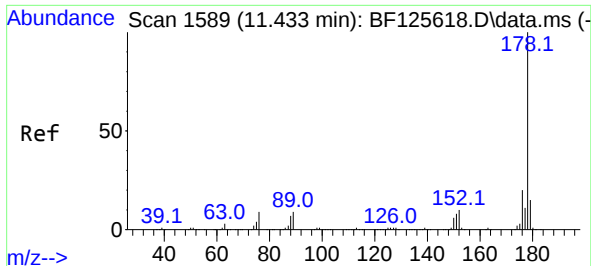


#70
Pentachlorophenol
Concen: 94.056 ng
RT: 11.210 min Scan# 1551
Delta R.T. -0.000 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55



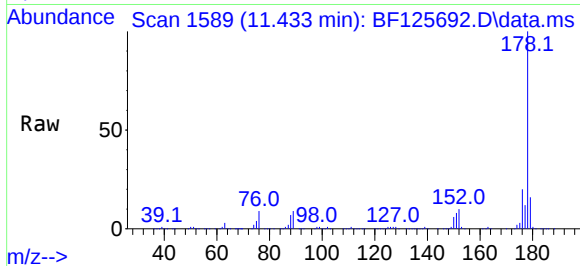
Tgt Ion:266 Resp: 473552
Ion Ratio Lower Upper
266 100
268 64.6 48.9 73.3
264 65.4 55.9 83.9





#71
Phenanthrene
Concen: 42.107 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55

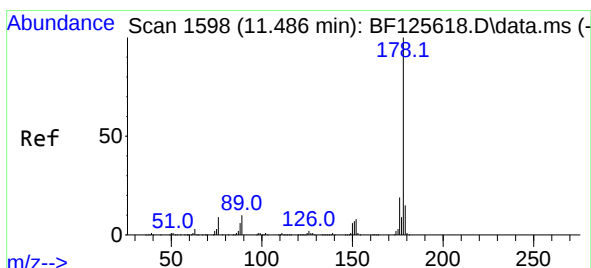
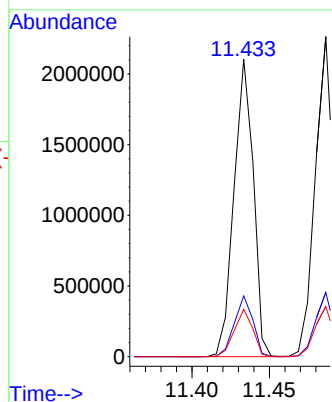
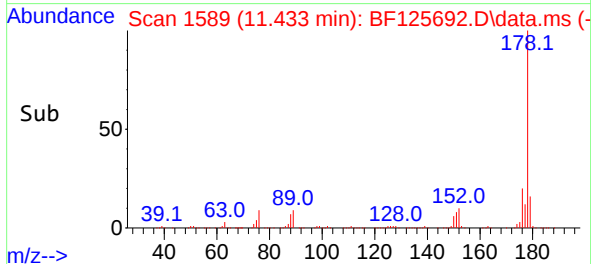
Instrument :
BNA_F
ClientSampleId :
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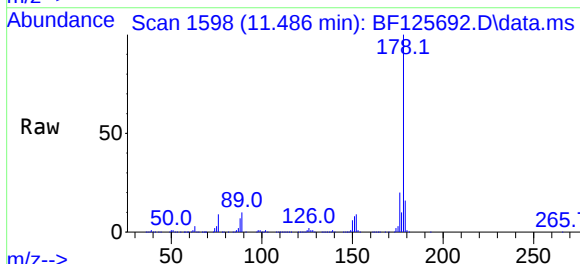
Tgt Ion:178 Resp: 1826215
Ion Ratio Lower Upper
178 100
176 20.4 14.7 22.1
179 15.9 11.5 17.3

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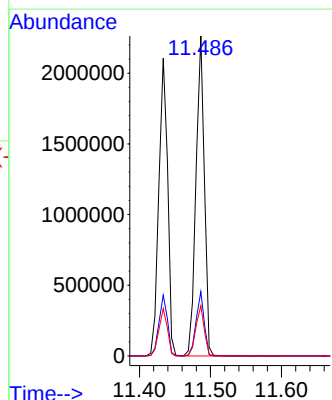
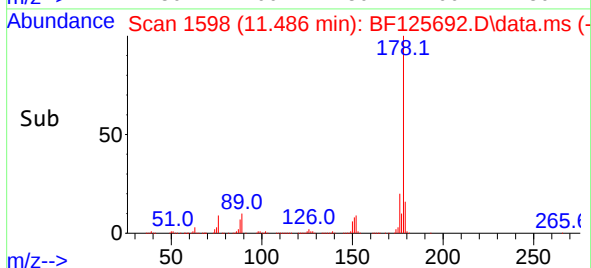
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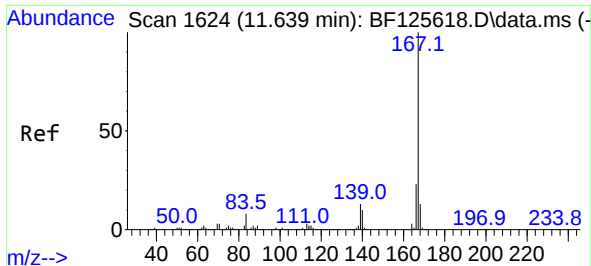


#72
Anthracene
Concen: 43.748 ng
RT: 11.486 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55



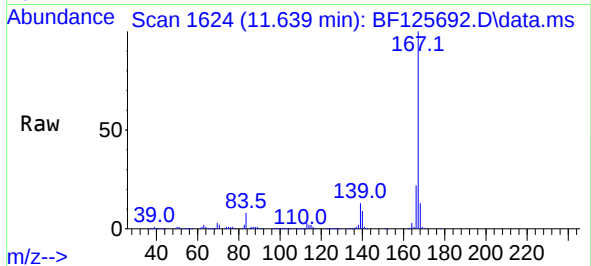
Tgt Ion:178 Resp: 1874868
Ion Ratio Lower Upper
178 100
176 20.1 14.3 21.5
179 15.7 12.2 18.4





#73
 Carbazole
 Concen: 41.376 ng
 RT: 11.639 min Scan# 1624
 Delta R.T. 0.000 min
 Lab File: BF125692.D
 Acq: 28 Sep 2021 16:55

Instrument :
 BNA_F
 ClientSampleId :
 SUB-SLAB-09(20.21)MSD

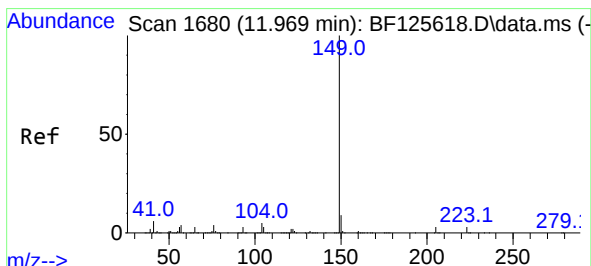
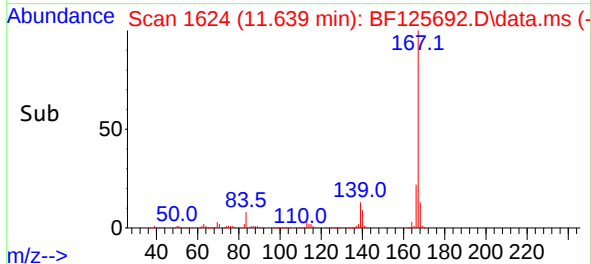
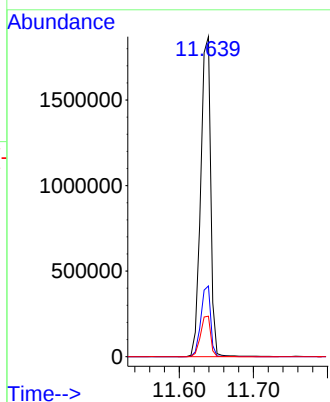


Tgt Ion:167 Resp: 1745107

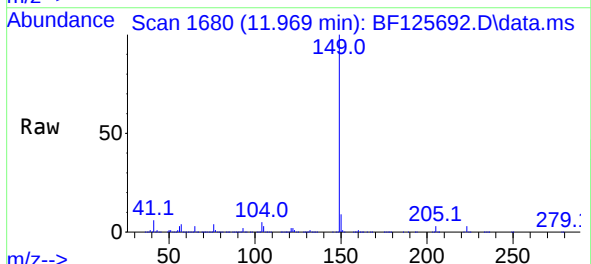
Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.4	26.0
139	12.7	11.0	16.4

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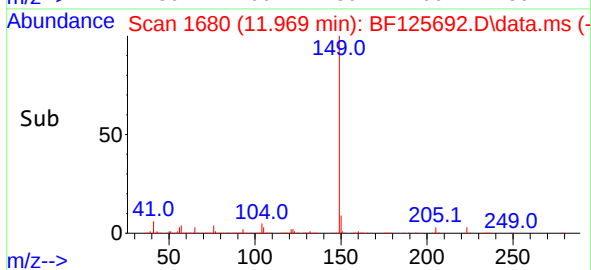
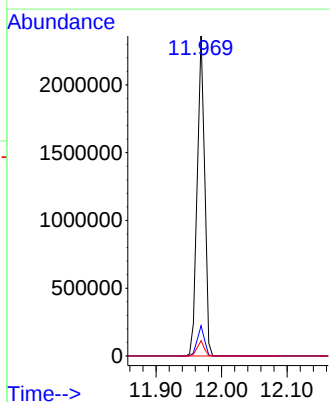


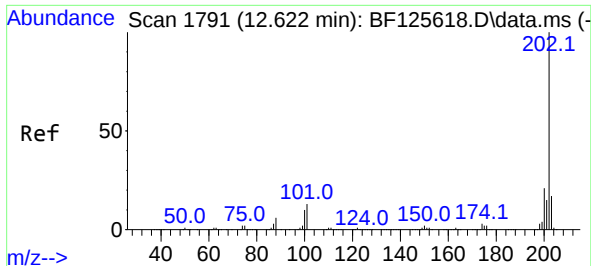
#74
 Di-n-butylphthalate
 Concen: 44.142 ng
 RT: 11.969 min Scan# 1680
 Delta R.T. -0.000 min
 Lab File: BF125692.D
 Acq: 28 Sep 2021 16:55



Tgt Ion:149 Resp: 1876946

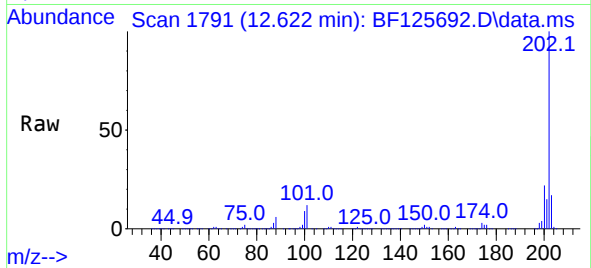
Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.4	11.2
104	4.8	4.1	6.1





#75
Fluoranthene
Concen: 38.611 ng
RT: 12.622 min Scan# 1791
Delta R.T. -0.000 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55

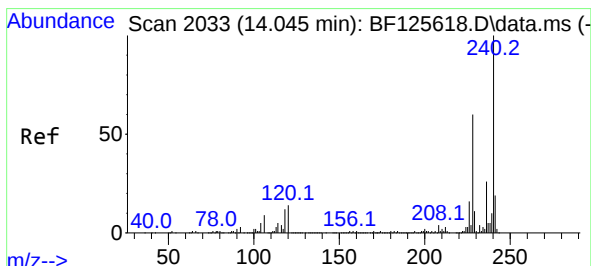
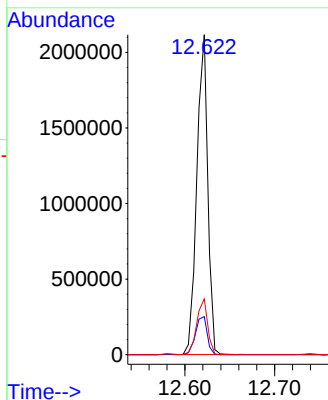
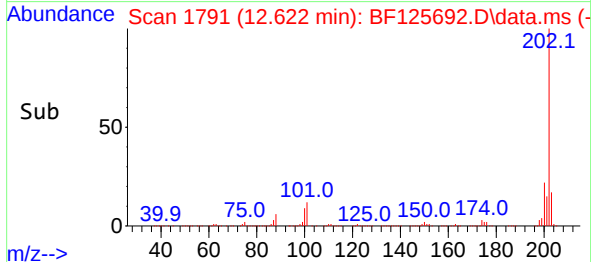
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-09(20.21)MSD



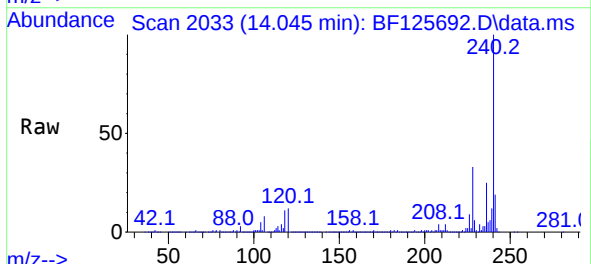
Tgt Ion:202 Resp: 1789688
Ion Ratio Lower Upper
202 100
101 11.9 0.0 30.7
203 17.4 0.0 36.3

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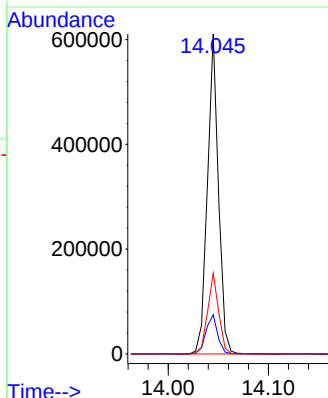
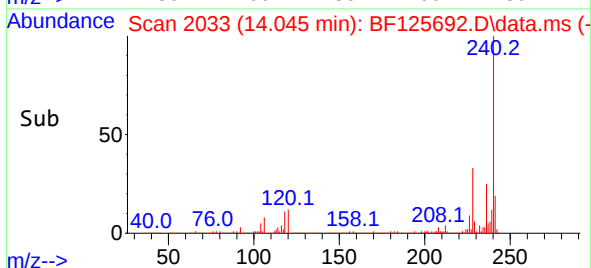
mohammad
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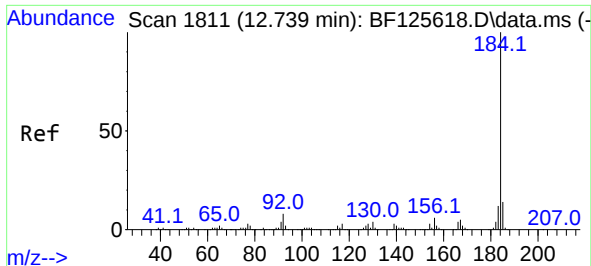


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55



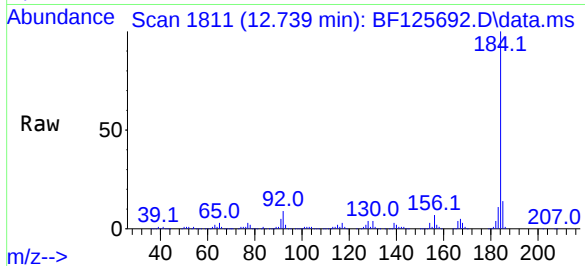
Tgt Ion:240 Resp: 468240
Ion Ratio Lower Upper
240 100
120 12.3 10.8 16.2
236 25.2 21.6 32.4





#77
Benzidine
Concen: 64.504 ng
RT: 12.739 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55

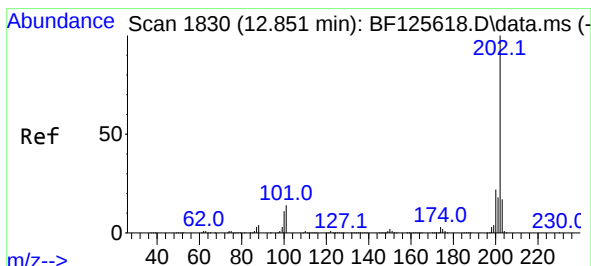
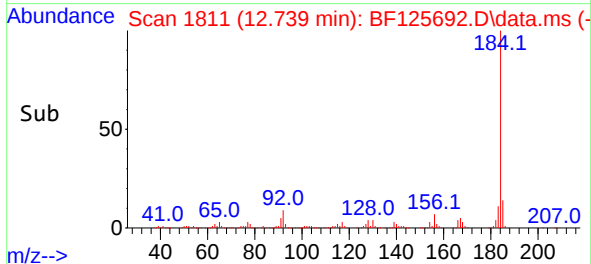
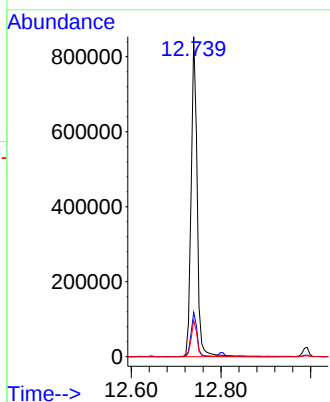
Instrument :
BNA_F
ClientSampleId :
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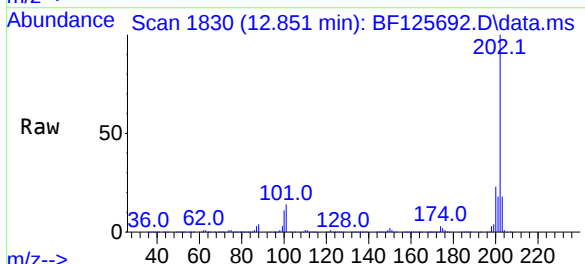
Tgt Ion:184 Resp: 793454
Ion Ratio Lower Upper
184 100
185 13.9 10.8 16.2
183 11.3 8.1 12.1

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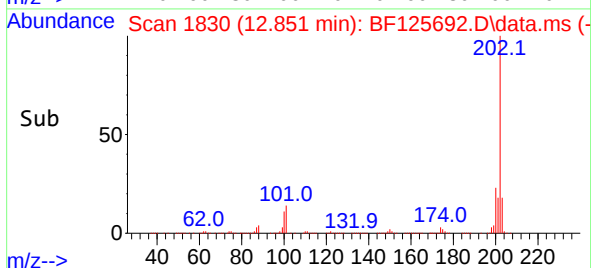
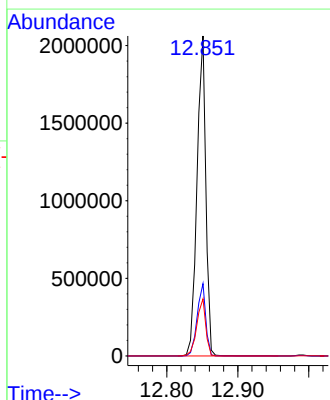
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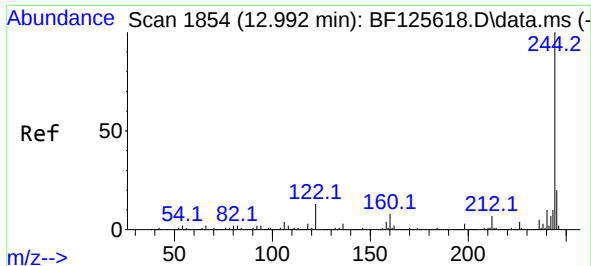


#78
Pyrene
Concen: 42.207 ng
RT: 12.851 min Scan# 1830
Delta R.T. -0.000 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55



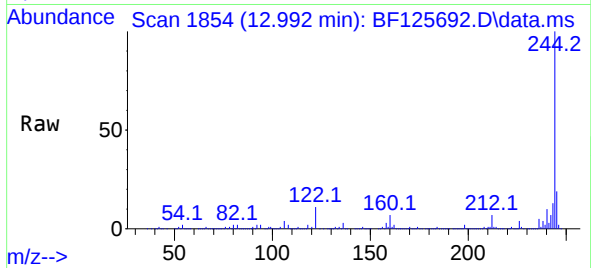
Tgt Ion:202 Resp: 1786052
Ion Ratio Lower Upper
202 100
200 22.6 15.3 22.9
203 17.8 13.4 20.0





#79
Terphenyl-d14
Concen: 66.483 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55

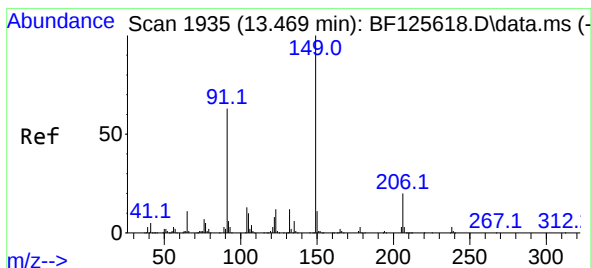
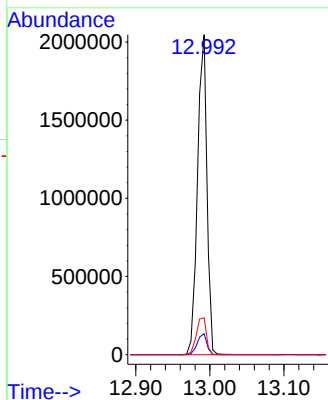
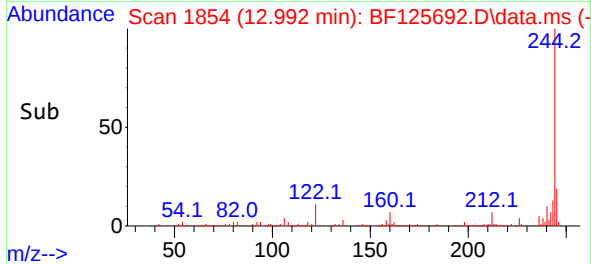
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-09(20.21)MSD



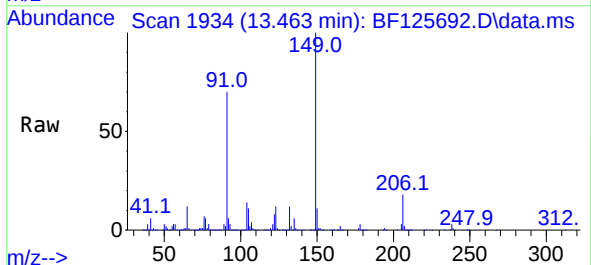
Tgt Ion:244 Resp: 1797586
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 11.5 9.0 13.4

Manual Integrations
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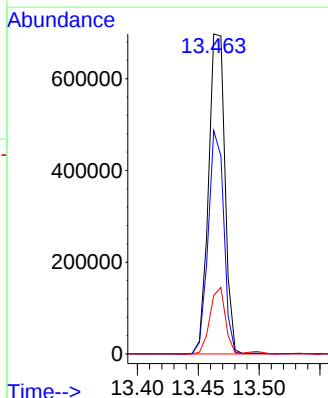
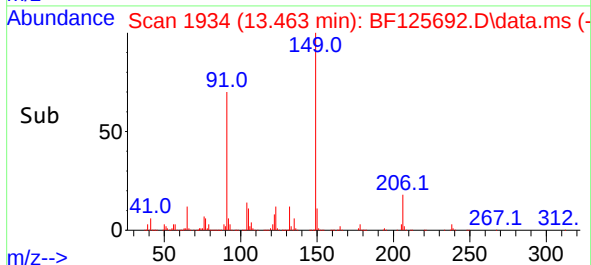
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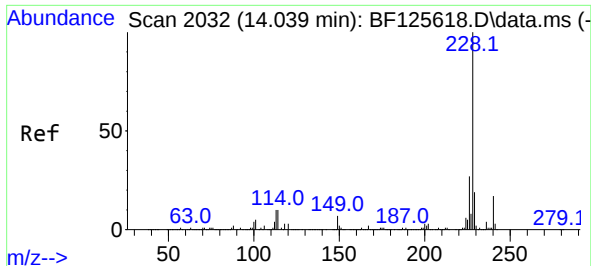


#80
Butylbenzylphthalate
Concen: 46.647 ng
RT: 13.463 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55



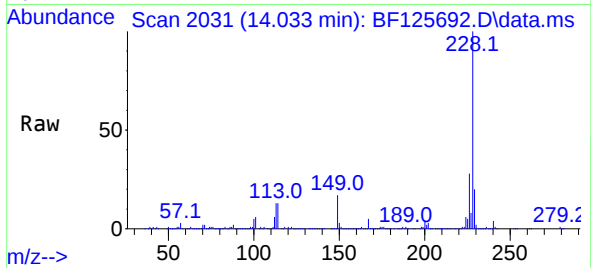
Tgt Ion:149 Resp: 653673
Ion Ratio Lower Upper
149 100
91 69.8 51.8 77.8
206 18.3 14.5 21.7





#81
Benzo(a)anthracene
Concen: 40.828 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55

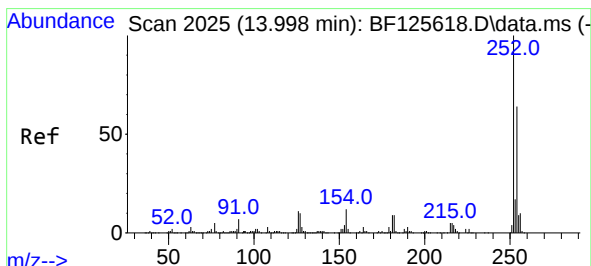
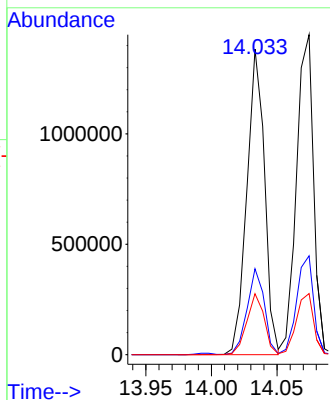
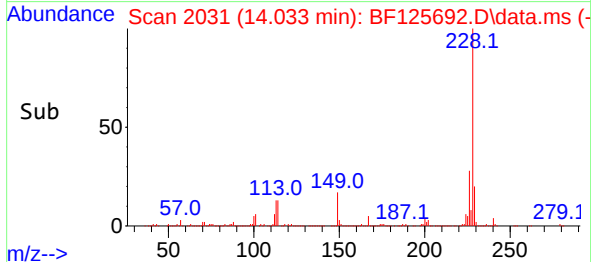
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-09(20.21)MSD



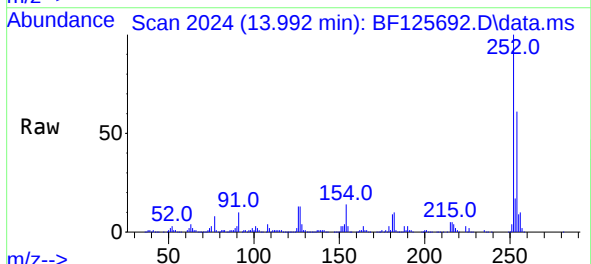
Tgt Ion:228 Resp: 1298599
Ion Ratio Lower Upper
228 100
226 28.1 21.6 32.4
229 19.9 15.6 23.4

Manual Integrations
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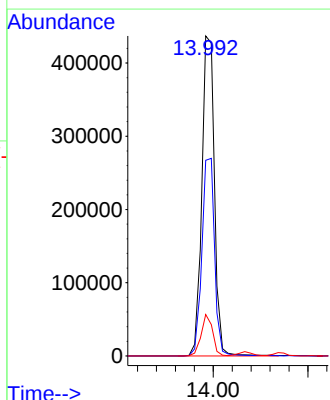
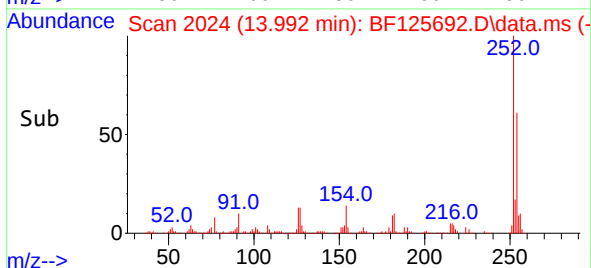
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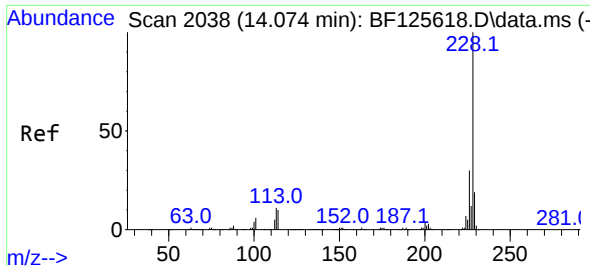


#82
3,3'-Dichlorobenzidine
Concen: 44.060 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55



Tgt Ion:252 Resp: 404363
Ion Ratio Lower Upper
252 100
254 61.2 51.4 77.0
126 13.0 9.5 14.3





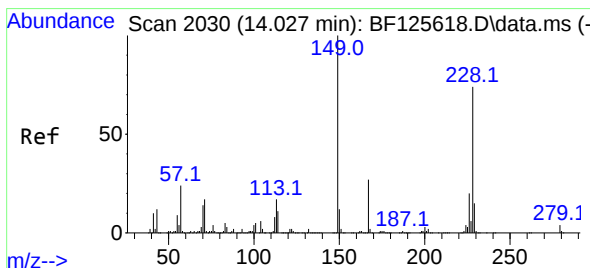
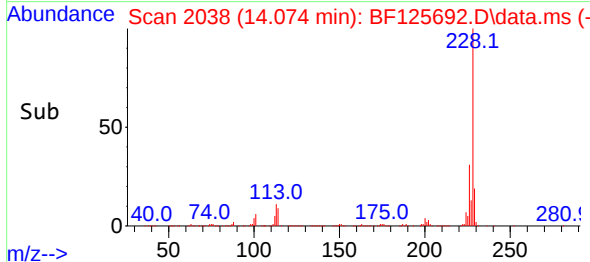
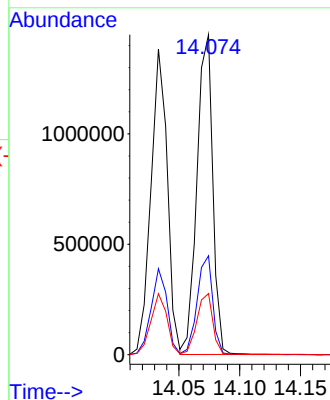
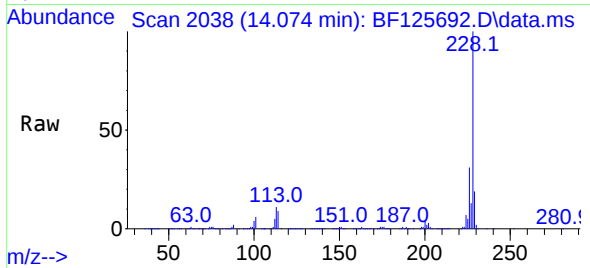
#83
Chrysene
Concen: 41.174 ng
RT: 14.074 min Scan# 2038
Delta R.T. 0.000 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55

Tgt Ion: 228 Resp: 1314237
Ion Ratio Lower Upper
228 100
226 30.9 22.6 34.0
229 19.1 15.9 23.9

Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-09(20.21)MSD

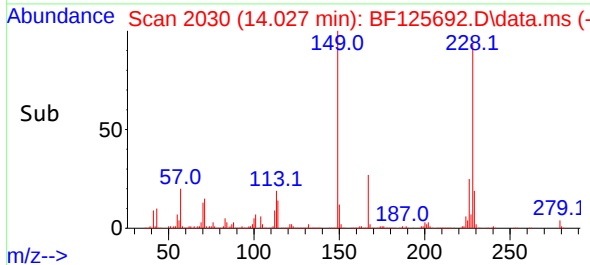
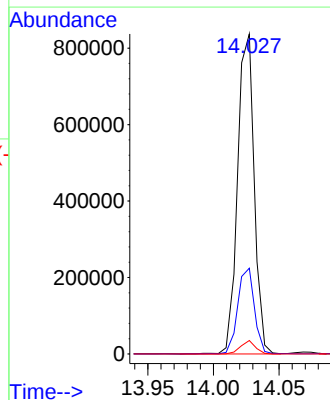
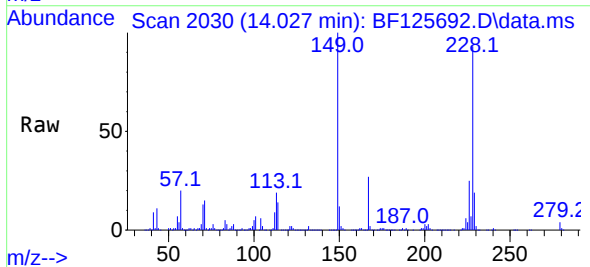
Manual Integrations
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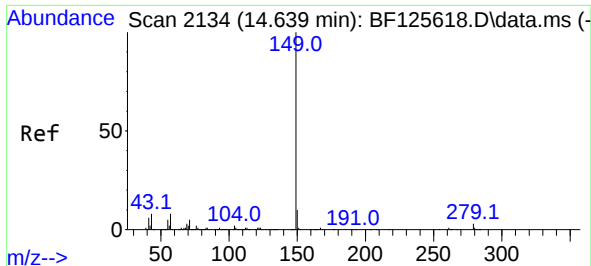
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#84
Bis(2-ethylhexyl)phthalate
Concen: 46.170 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55

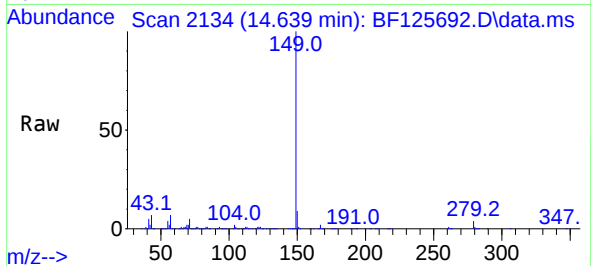
Tgt Ion: 149 Resp: 740655
Ion Ratio Lower Upper
149 100
167 26.8 21.4 32.0
279 4.2 2.6 4.0#





#85
Di-n-octyl phthalate
Concen: 49.167 ng
RT: 14.639 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55

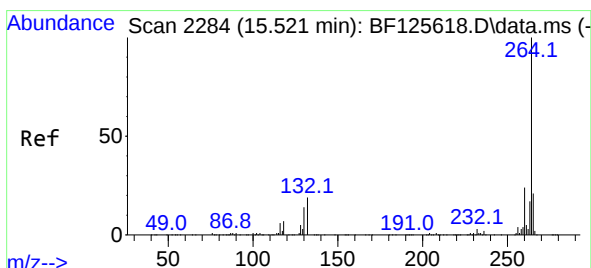
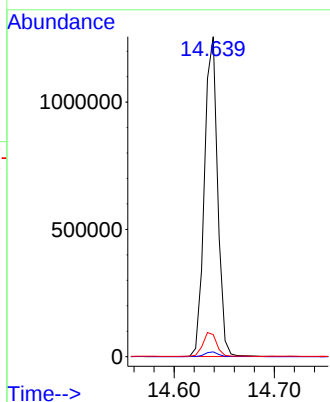
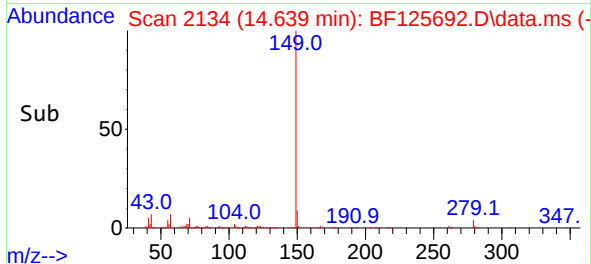
Instrument :
BNA_F
ClientSampleId :
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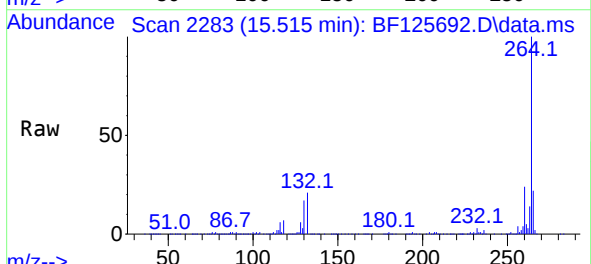
Tgt Ion:149 Resp: 1156823
Ion Ratio Lower Upper
149 100
167 1.6 1.0 1.6#
43 7.8 9.9 14.9#

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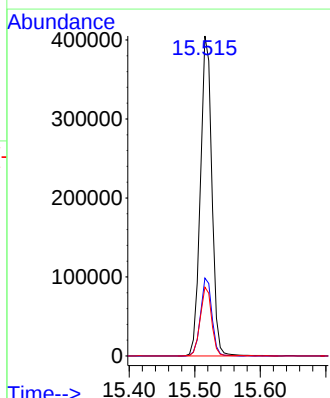
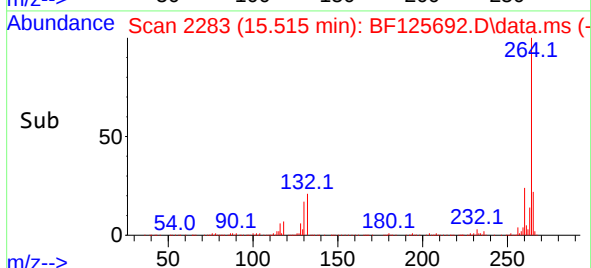
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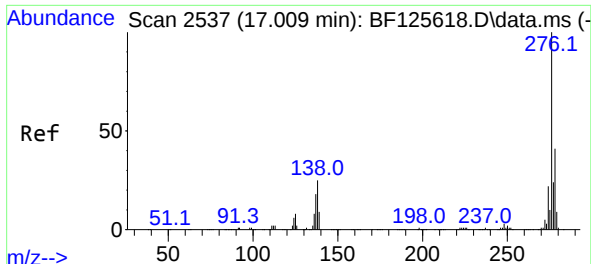


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55



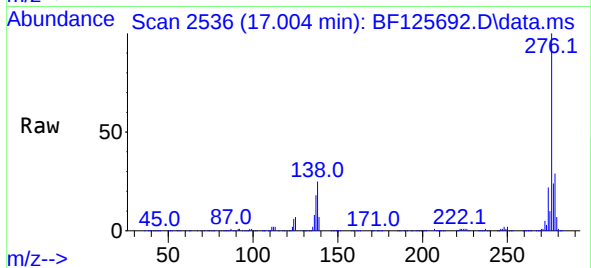
Tgt Ion:264 Resp: 493786
Ion Ratio Lower Upper
264 100
260 24.4 19.6 29.4
265 21.5 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 47.077 ng
RT: 17.004 min Scan# 2536
Delta R.T. -0.005 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55

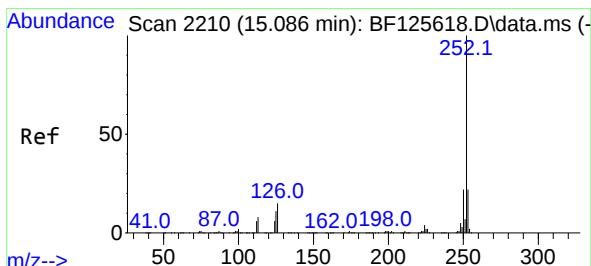
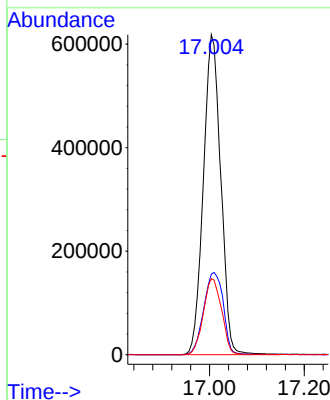
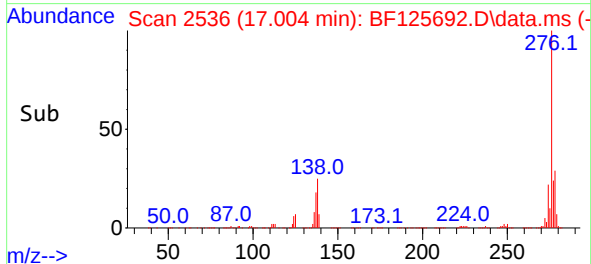
Instrument :
BNA_F
ClientSampleId :
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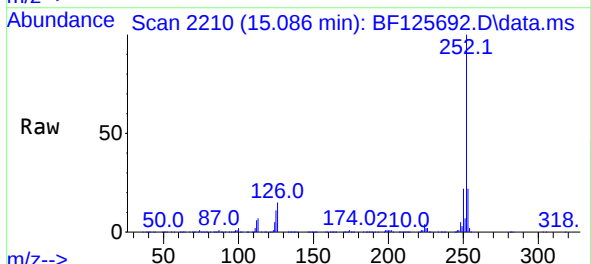
Tgt Ion:276 Resp: 1577967
Ion Ratio Lower Upper
276 100
138 28.8 24.1 36.1
277 24.9 18.8 28.2

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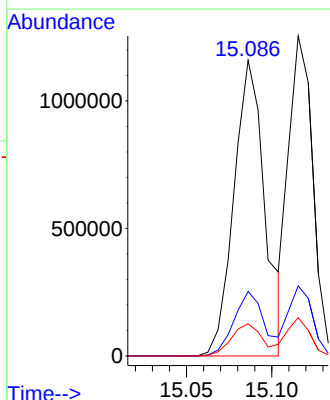
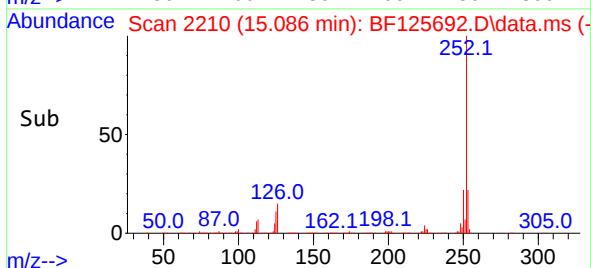
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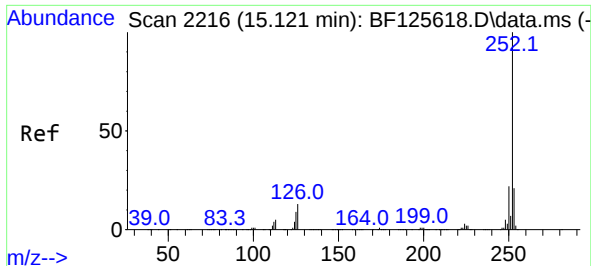


#88
Benzo(b)fluoranthene
Concen: 42.413 ng
RT: 15.086 min Scan# 2210
Delta R.T. 0.000 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55



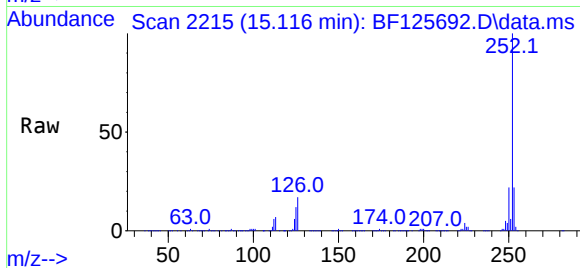
Tgt Ion:252 Resp: 1467288
Ion Ratio Lower Upper
252 100
253 21.8 16.8 25.2
125 10.9 9.8 14.8





#89
Benzo(k)fluoranthene
Concen: 37.492 ng
RT: 15.116 min Scan# 2215
Delta R.T. -0.005 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55

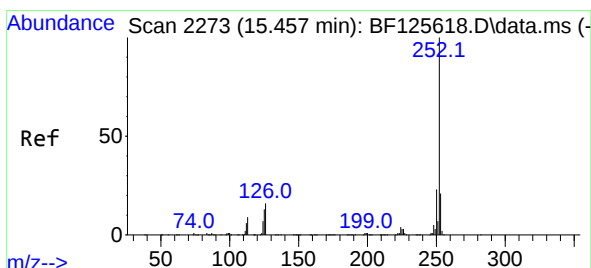
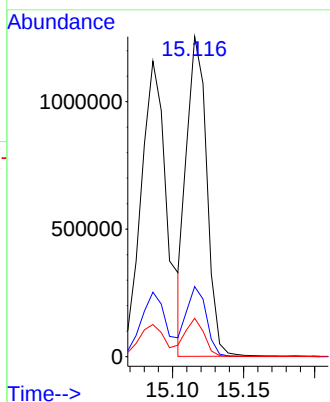
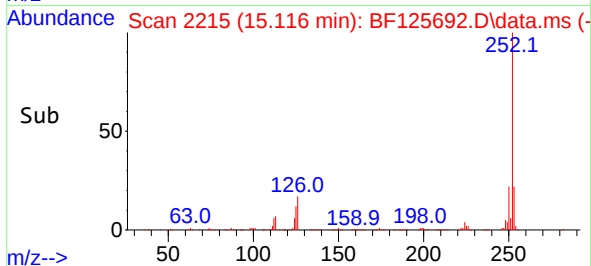
Instrument :
BNA_F
ClientSampleId :
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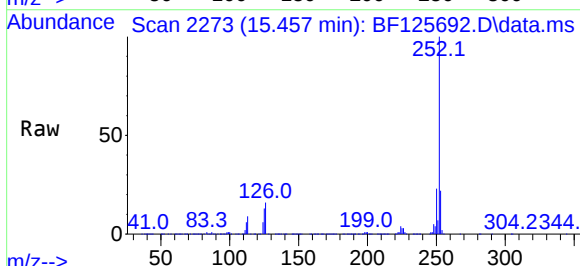
Tgt Ion:252 Resp: 1242711
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 12.0 7.2 10.8#

Manual Integrations
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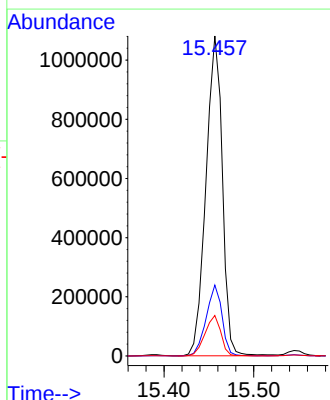
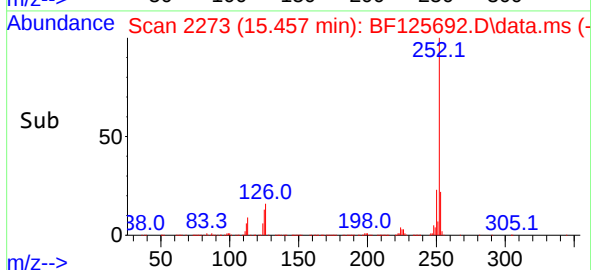
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9/29/2021 12:55:06 PM

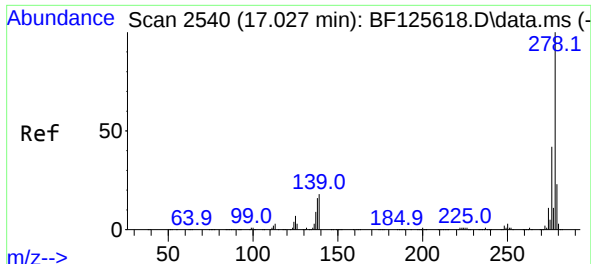


#90
Benzo(a)pyrene
Concen: 44.626 ng
RT: 15.457 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55



Tgt Ion:252 Resp: 1374272
Ion Ratio Lower Upper
252 100
253 22.2 18.4 27.6
125 12.7 9.9 14.9





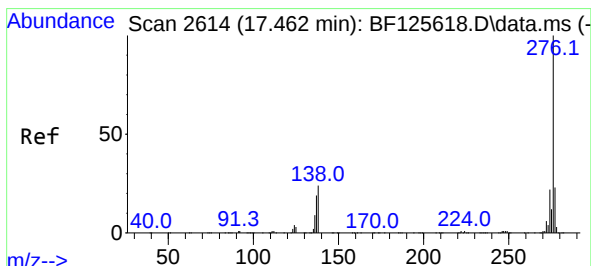
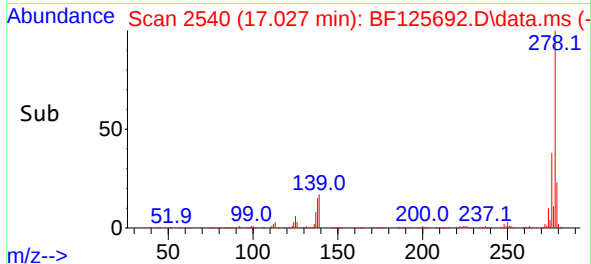
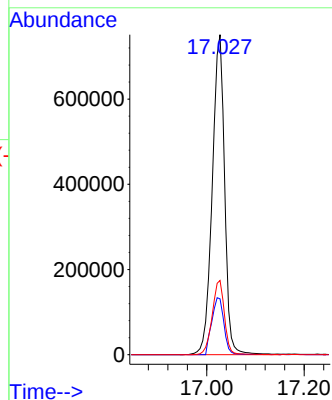
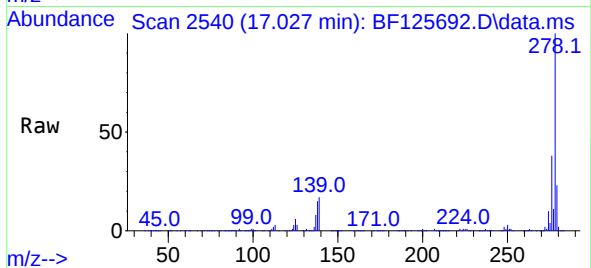
#91
Dibenzo(a,h)anthracene
Concen: 47.139 ng
RT: 17.027 min Scan# 2540
Delta R.T. 0.000 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55

Tgt Ion:278 Resp: 1320635
Ion Ratio Lower Upper
278 100
139 17.5 14.9 22.3
279 23.2 19.7 29.5

Instrument :
BNA_F
ClientSampleId :
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#92
Benzo(g,h,i)perylene
Concen: 47.279 ng
RT: 17.457 min Scan# 2613
Delta R.T. -0.005 min
Lab File: BF125692.D
Acq: 28 Sep 2021 16:55

Tgt Ion:276 Resp: 1352758
Ion Ratio Lower Upper
276 100
277 23.1 22.0 33.0
138 25.3 22.2 33.4

