

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031822\
 Data File : BF127404.D
 Acq On : 18 Mar 2022 21:17
 Operator : CG\JU
 Sample : N1709-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PPSP-B17-23.5-24.0

Quant Time: Mar 19 01:53:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 19 01:50:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	52584	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	142727	20.000	ng	# 0.02
39) Acenaphthene-d10	9.951	164	94555	20.000	ng	# 0.05
64) Phenanthrene-d10	11.439	188	119207	20.000	ng	# 0.05
76) Chrysene-d12	14.045	240	151099	20.000	ng	# 0.00
86) Perylene-d12	15.521	264	168736	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	553246	169.134	ng	0.00
7) Phenol-d6	6.498	99	738539	164.127	ng	0.00
23) Nitrobenzene-d5	7.440	82	460477	133.239	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	107635	105.745	ng	0.05
45) 2-Fluorobiphenyl	9.257	172	547013	81.790	ng	0.04
79) Terphenyl-d14	13.004	244	601741	68.575	ng	0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.416	77	56563	20.497	ng	# 1
10) Phenol	6.504	94	17487	3.538	ng	# 1
15) Benzyl Alcohol	7.010	79	31711	9.402	ng	# 43
18) Hexachloroethane	7.363	117	42613	29.111	ng	# 1
19) n-Nitroso-di-n-propyla...	7.293	70	77441	27.578	ng	# 78
22) Acetophenone	7.263	105	514625	131.692	ng	# 51
24) Nitrobenzene	7.440	77	45233	13.838	ng	# 31
25) Isophorone	7.687	82	172546	31.049	ng	# 1
26) 2-Nitrophenol	7.781	139	19225	14.202	ng	# 1
27) 2,4-Dimethylphenol	7.810	122	25558	12.577	ng	# 1
28) bis(2-Chloroethoxy)met...	7.928	93	36251	10.295	ng	# 1
29) 2,4-Dichlorophenol	7.993	162	38224	16.425	ng	# 19
31) Naphthalene	8.187	128	1103134	144.890	ng	# 85
32) Benzoic acid	7.945	122	22804	20.540	ng	# 1
33) 4-Chloroaniline	8.275	127	14941	5.063	ng	# 15
35) Caprolactam	8.610	113	245373	352.941	ng	# 12
36) 4-Chloro-3-methylphenol	8.716	107	33293	13.199	ng	# 46
37) 2-Methylnaphthalene	8.916	142	2703193	543.370	ng	98
38) 1-Methylnaphthalene	9.004	142	1747344	365.351	ng	97
43) 2,4,6-Trichlorophenol	9.163	196	6788	3.593	ng	# 13
44) 2,4,5-Trichlorophenol	9.163	196	6788	3.385	ng	# 1
46) 1,1'-Biphenyl	9.363	154	644797	90.352	ng	95
47) 2-Chloronaphthalene	9.439	162	30163	5.430	ng	# 1
48) 2-Nitroaniline	9.487	65	7233	3.384	ng	# 18
49) Acenaphthylene	9.822	152	88234	10.379	ng	# 1
51) 2,6-Dinitrotoluene	9.722	165	10389	7.580	ng	# 76
52) Acenaphthene	9.986	154	182497	36.013	ng	# 33
53) 3-Nitroaniline	9.904	138	10974	7.348	ng	# 47
54) 2,4-Dinitrophenol	10.016	184	2143	6.547	ng	# 1
55) Dibenzofuran	10.157	168	176018	22.358	ng	# 1
56) 4-Nitrophenol	10.104	139	19536	21.520	ng	# 30
57) 2,4-Dinitrotoluene	10.169	165	70047	38.845	ng	# 50
58) Fluorene	10.510	166	449582	73.646	ng	# 76
62) 4-Nitroaniline	10.416	138	19645	13.199	ng	96
63) Azobenzene	10.651	77	42742	6.016	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.575	198	3741	5.090	ng	# 1

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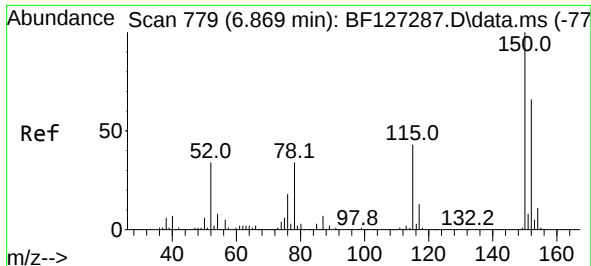
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
66) n-Nitrosodiphenylamine	10.616	169	510233	137.818	ng	# 45
69) Atrazine	11.310	200	20539	16.077	ng	82
70) Pentachlorophenol	11.257	266	4945	7.821	ng	# 20
71) Phenanthrene	11.475	178	1603705	254.848	ng	# 95
72) Anthracene	11.522	178	122115	19.595	ng	# 4
74) Di-n-butylphthalate	11.980	149	20715	3.018	ng	# 1
75) Fluoranthene	12.651	202	68034	9.669	ng	82
78) Pyrene	12.822	202	51742	4.396	ng	# 22
81) Benzo(a)anthracene	14.057	228	26015	2.557	ng	# 21
83) Chrysene	14.057	228	26570	2.808	ng	# 28

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

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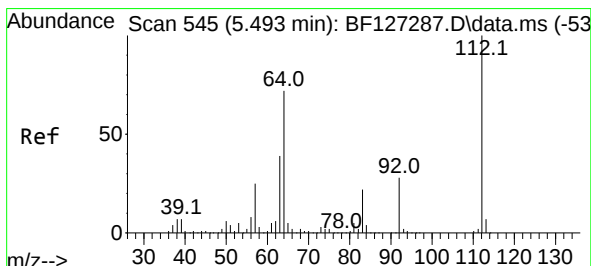
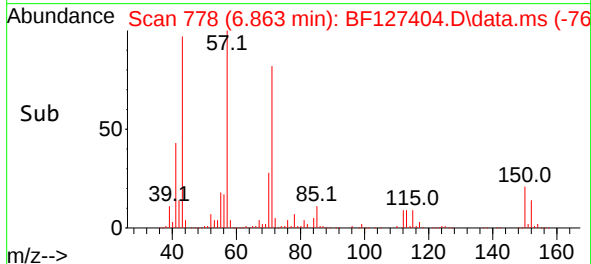
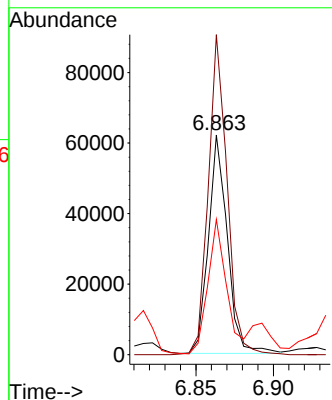
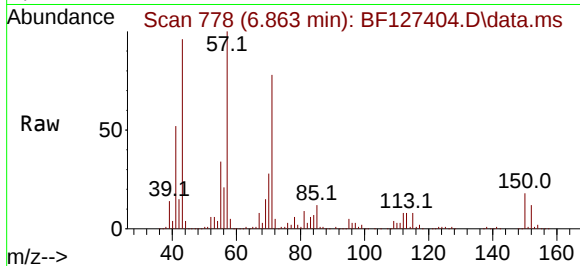




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF127404.D
Acq: 18 Mar 2022 21:17

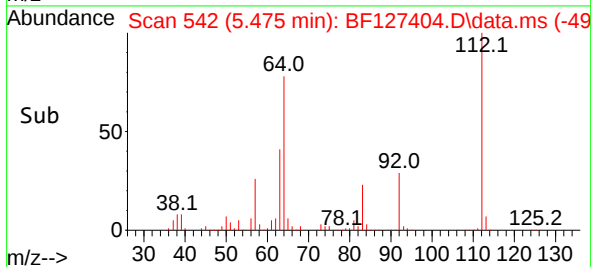
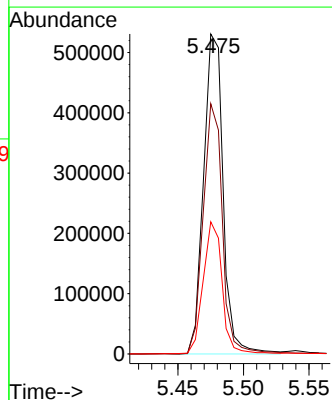
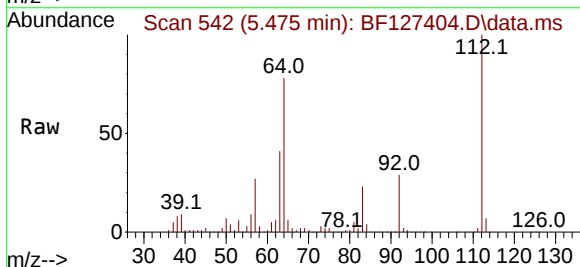
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ClientSampleId :
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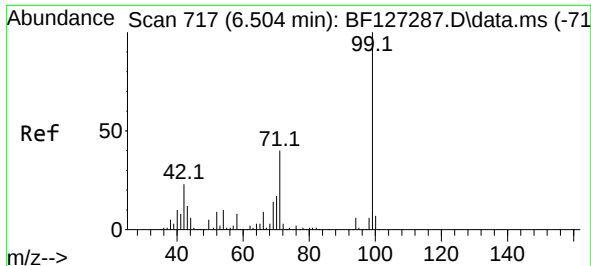
Tgt Ion:152 Resp: 52584
Ion Ratio Lower Upper
152 100
150 145.7 128.1 192.1
115 61.6 56.7 85.1



#5
2-Fluorophenol
Concen: 169.134 ng
RT: 5.475 min Scan# 542
Delta R.T. -0.006 min
Lab File: BF127404.D
Acq: 18 Mar 2022 21:17

Tgt Ion:112 Resp: 553246
Ion Ratio Lower Upper
112 100
64 78.2 49.5 74.3#
63 41.3 23.9 35.9#

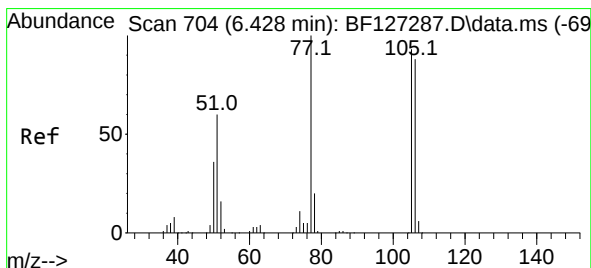
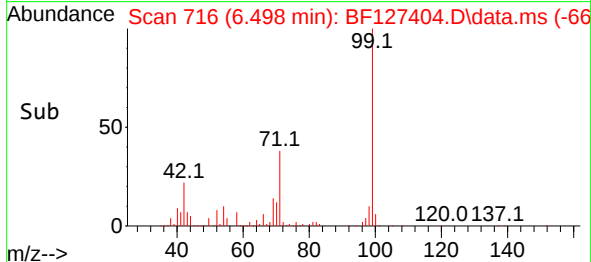
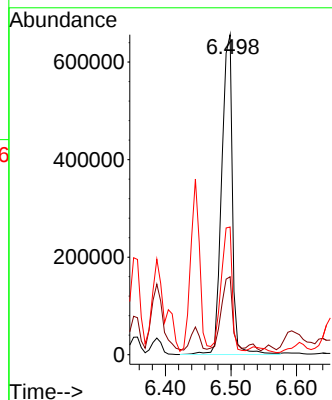
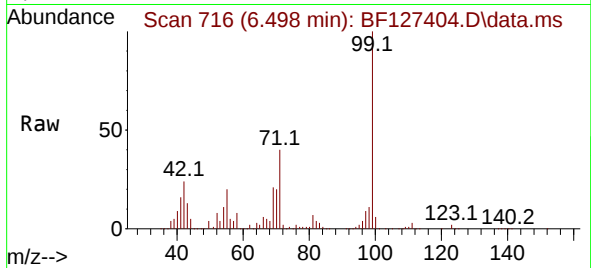




#7
Phenol-d6
Concen: 164.127 ng
RT: 6.498 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF127404.D
Acq: 18 Mar 2022 21:17

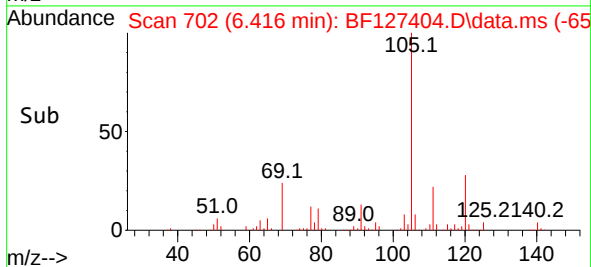
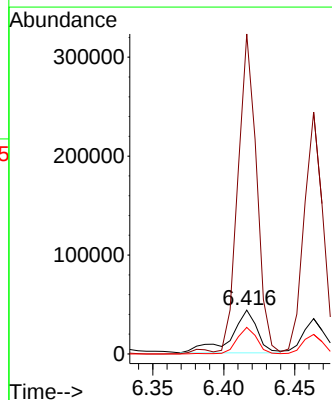
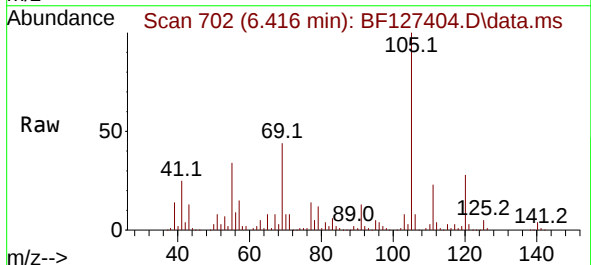
Instrument :
BNA_F
ClientSampleId :
PPSP-B17-23.5-24.0

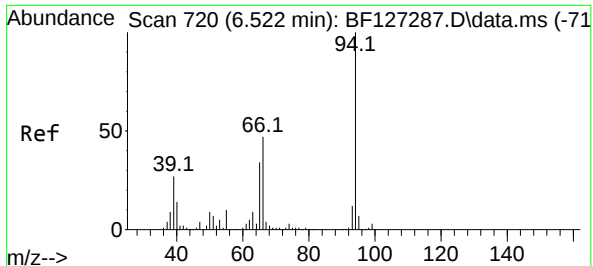
Tgt Ion: 99 Resp: 738539
Ion Ratio Lower Upper
99 100
42 24.3 14.2 21.4#
71 39.9 24.3 36.5#



#9
Benzaldehyde
Concen: 20.497 ng
RT: 6.416 min Scan# 702
Delta R.T. 0.000 min
Lab File: BF127404.D
Acq: 18 Mar 2022 21:17

Tgt Ion: 77 Resp: 56563
Ion Ratio Lower Upper
77 100
105 730.6 74.9 114.9#
106 60.8 72.4 112.4#

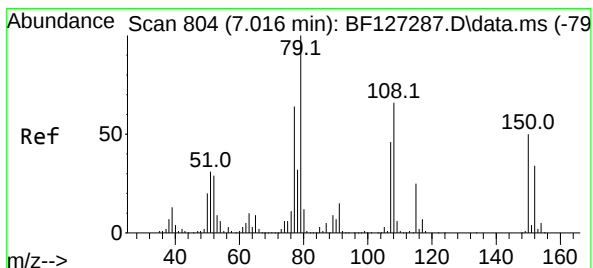
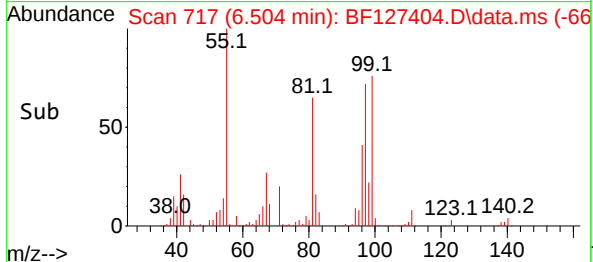
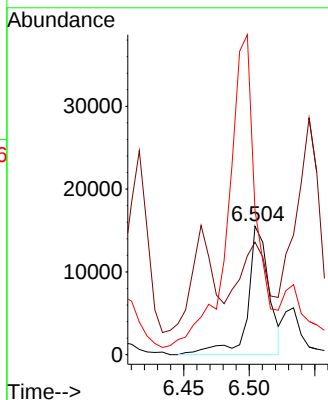
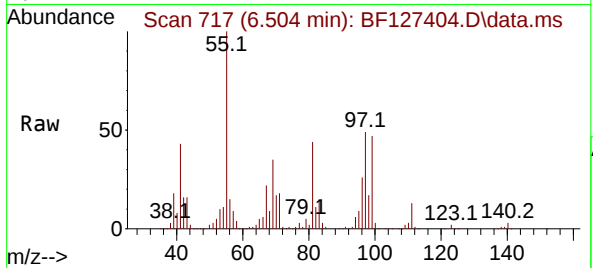




#10
Phenol
Concen: 3.538 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127404.D
Acq: 18 Mar 2022 21:17

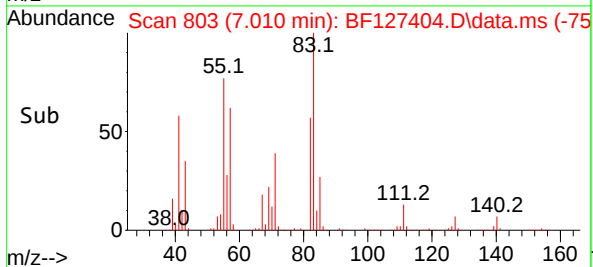
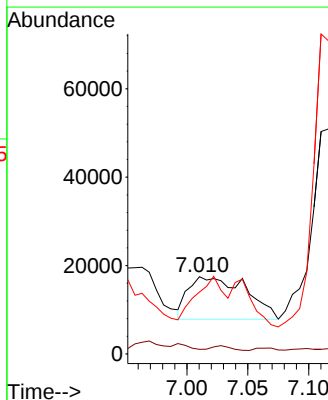
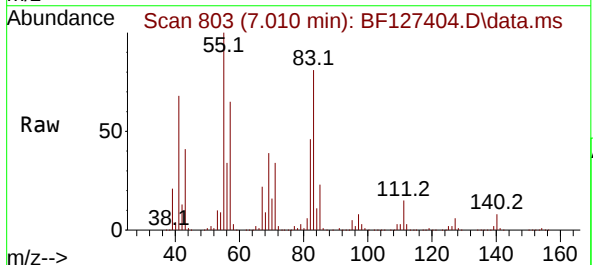
Instrument :
BNA_F
ClientSampleId :
PPSP-B17-23.5-24.0

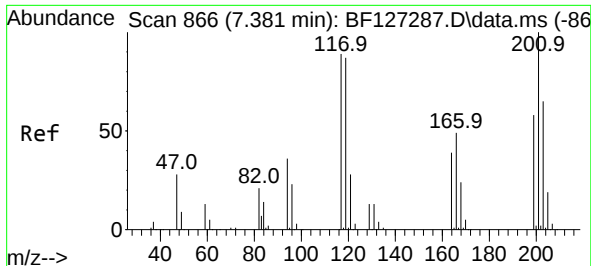
Tgt Ion: 94 Resp: 17487
Ion Ratio Lower Upper
94 100
65 87.4 7.2 47.2#
66 112.3 14.5 54.5#



#15
Benzyl Alcohol
Concen: 9.402 ng
RT: 7.010 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF127404.D
Acq: 18 Mar 2022 21:17

Tgt Ion: 79 Resp: 31711
Ion Ratio Lower Upper
79 100
108 6.1 63.2 94.8#
77 80.2 49.4 74.2#

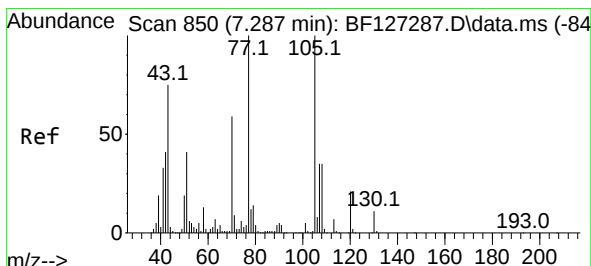
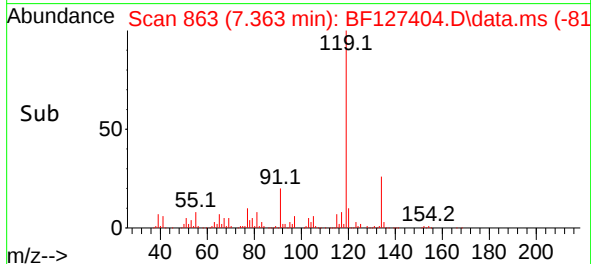
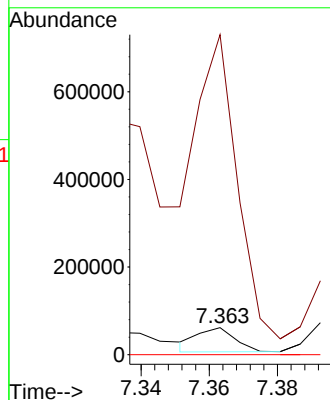
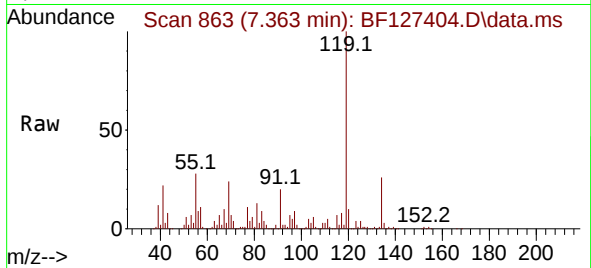




#18
Hexachloroethane
Concen: 29.111 ng
RT: 7.363 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF127404.D
Acq: 18 Mar 2022 21:17

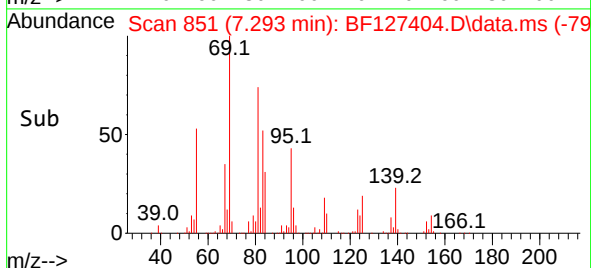
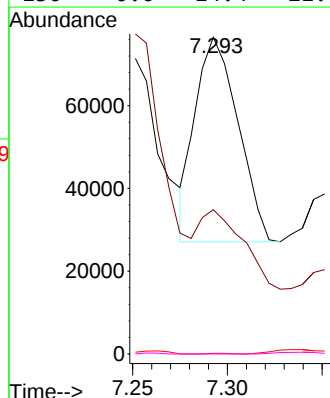
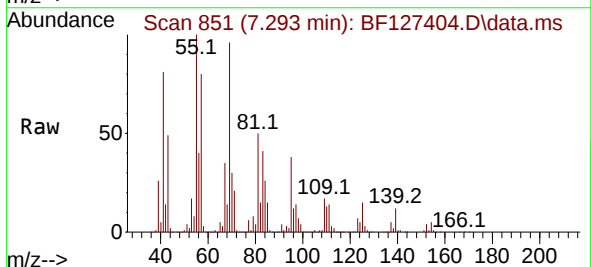
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ClientSampleId :
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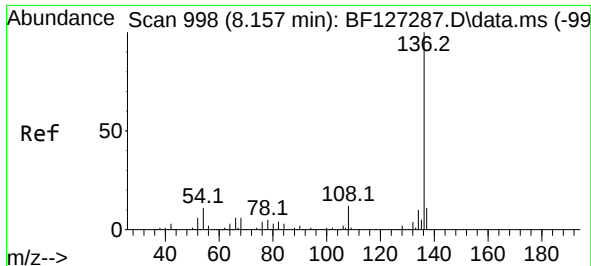
Tgt Ion:117 Resp: 42613
Ion Ratio Lower Upper
117 100
119 1184.5 75.4 113.0#
201 0.0 56.8 85.2#



#19
n-Nitroso-di-n-propylamine
Concen: 27.578 ng
RT: 7.293 min Scan# 851
Delta R.T. 0.012 min
Lab File: BF127404.D
Acq: 18 Mar 2022 21:17

Tgt Ion: 70 Resp: 77441
Ion Ratio Lower Upper
70 100
42 45.5 45.8 68.8#
101 0.2 6.9 10.3#
130 0.0 14.4 21.6#

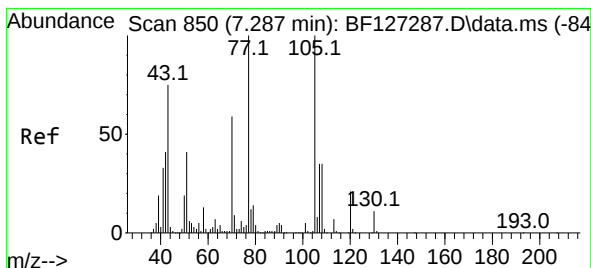
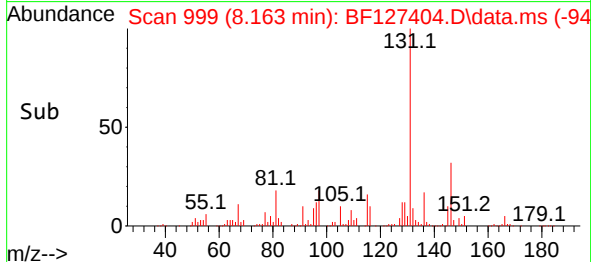
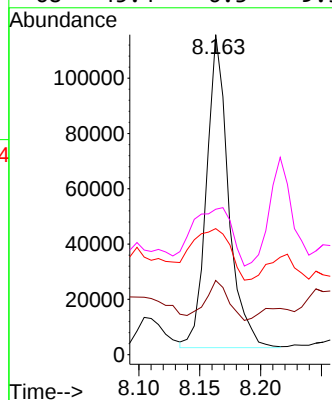
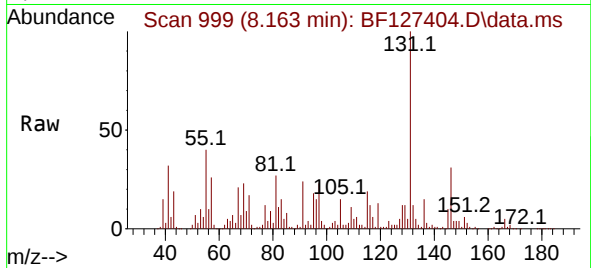




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 998
Delta R.T. 0.018 min
Lab File: BF127404.D
Acq: 18 Mar 2022 21:17

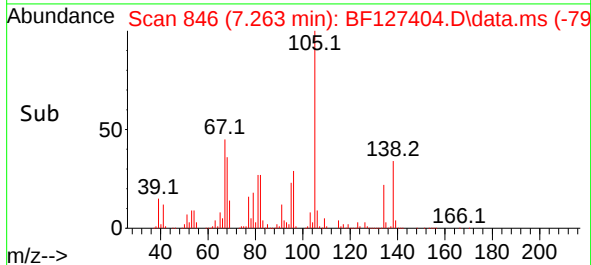
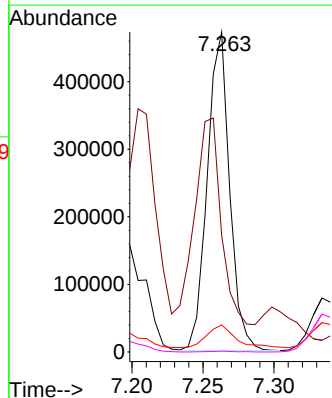
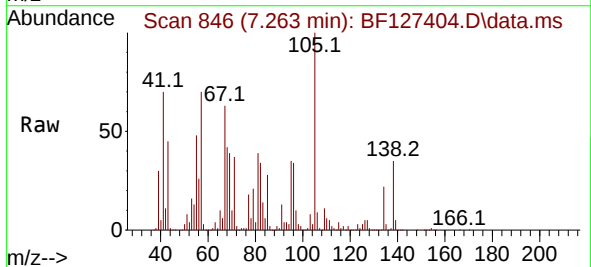
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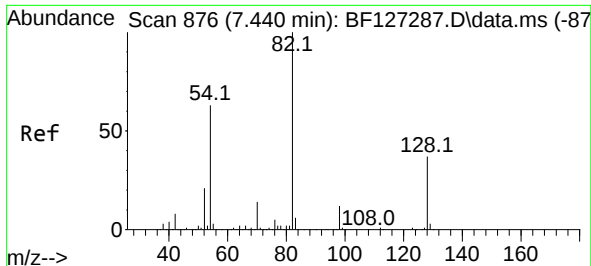
Tgt Ion:136 Resp: 142727
Ion Ratio Lower Upper
136 100
137 23.2 8.6 13.0#
54 39.4 7.8 11.6#
68 45.4 6.3 9.5#



#22
Acetophenone
Concen: 131.692 ng
RT: 7.263 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF127404.D
Acq: 18 Mar 2022 21:17

Tgt Ion:105 Resp: 514625
Ion Ratio Lower Upper
105 100
71 36.6 5.4 8.0#
51 8.5 27.4 41.0#
120 0.2 17.0 25.6#

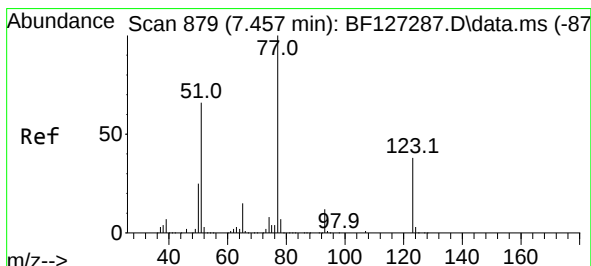
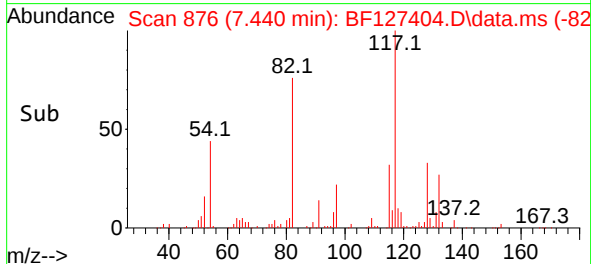
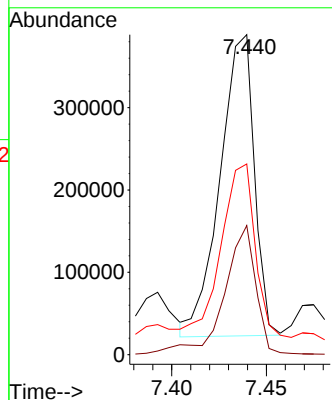
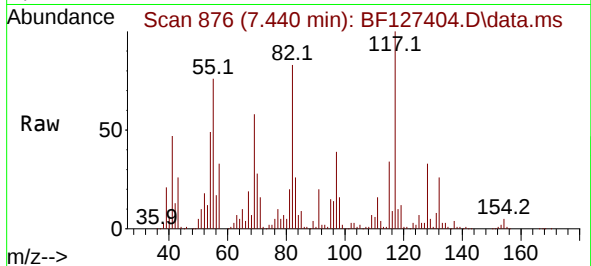




#23
Nitrobenzene-d5
Concen: 133.239 ng
RT: 7.440 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF127404.D
Acq: 18 Mar 2022 21:17

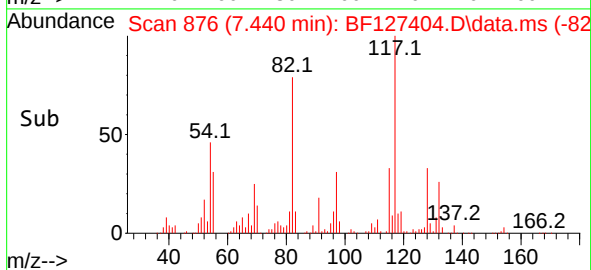
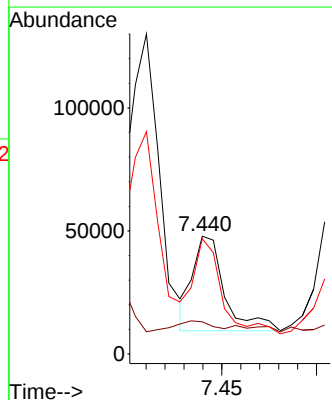
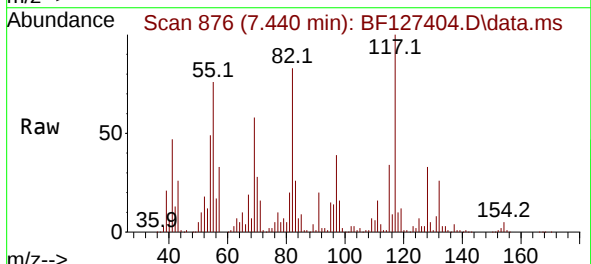
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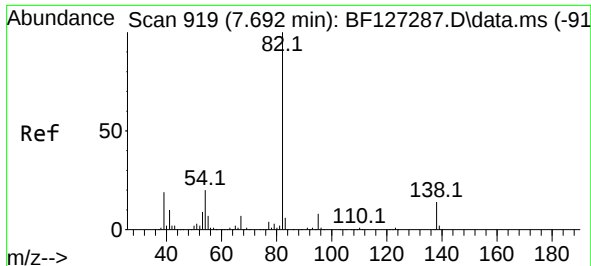
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Ion Ratio Lower Upper
82 100
128 40.4 32.7 49.1
54 59.6 41.7 62.5



#24
Nitrobenzene
Concen: 13.838 ng
RT: 7.440 min Scan# 876
Delta R.T. -0.012 min
Lab File: BF127404.D
Acq: 18 Mar 2022 21:17

Tgt Ion: 77 Resp: 45233
Ion Ratio Lower Upper
77 100
123 27.3 34.6 52.0#
65 97.8 10.6 15.8#

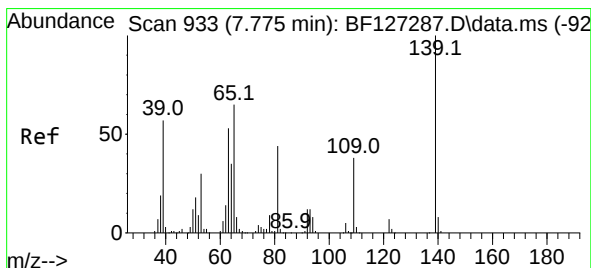
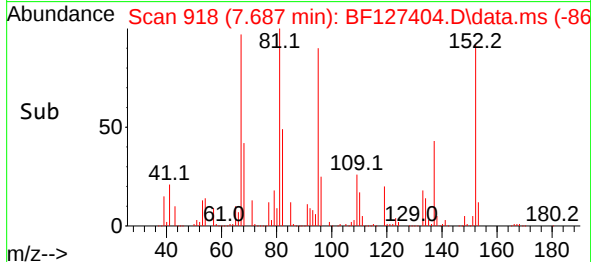
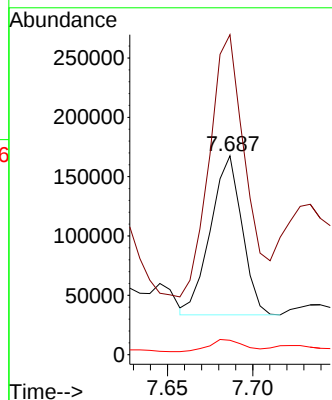
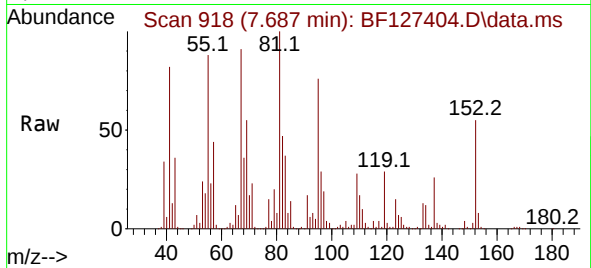




#25
Isophorone
Concen: 31.049 ng
RT: 7.687 min Scan# 918
Delta R.T. 0.000 min
Lab File: BF127404.D
Acq: 18 Mar 2022 21:17

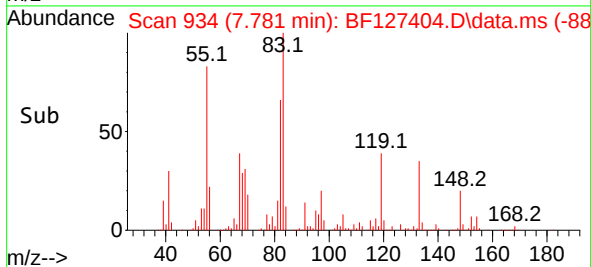
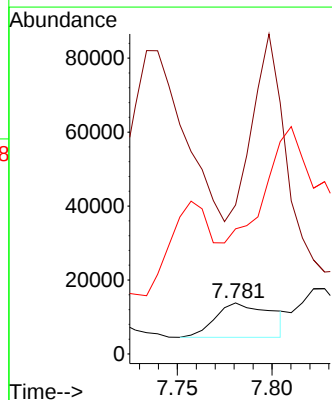
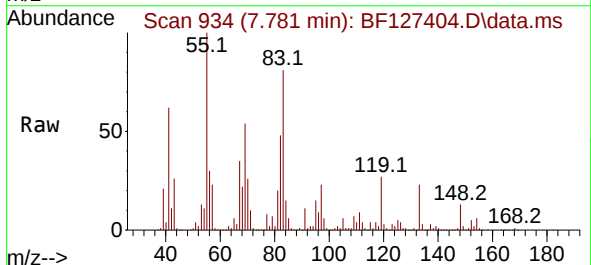
Instrument :
BNA_F
ClientSampleId :
PPSP-B17-23.5-24.0

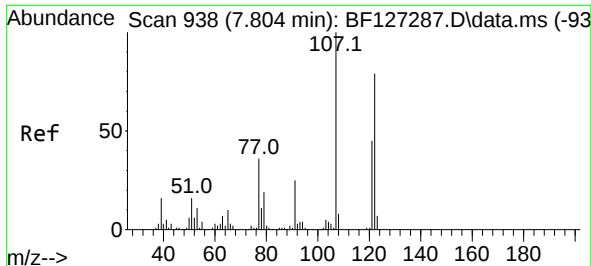
Tgt Ion: 82 Resp: 172546
Ion Ratio Lower Upper
82 100
95 160.9 5.0 7.4#
138 7.3 12.3 18.5#



#26
2-Nitrophenol
Concen: 14.202 ng
RT: 7.781 min Scan# 934
Delta R.T. 0.018 min
Lab File: BF127404.D
Acq: 18 Mar 2022 21:17

Tgt Ion: 139 Resp: 19225
Ion Ratio Lower Upper
139 100
109 292.1 20.0 30.0#
65 245.3 40.8 61.2#

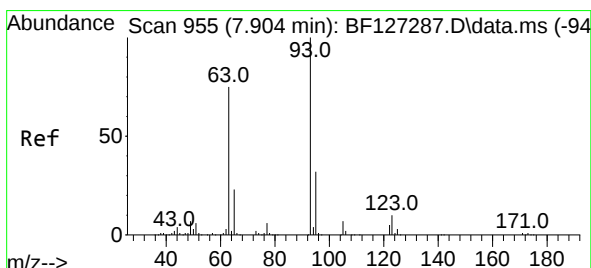
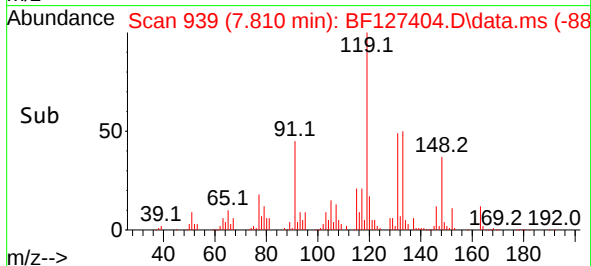
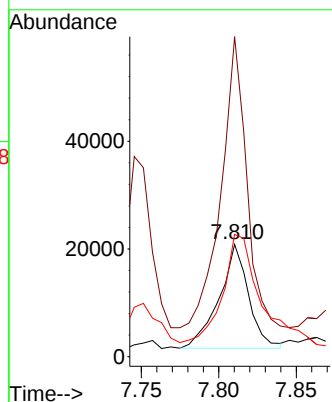
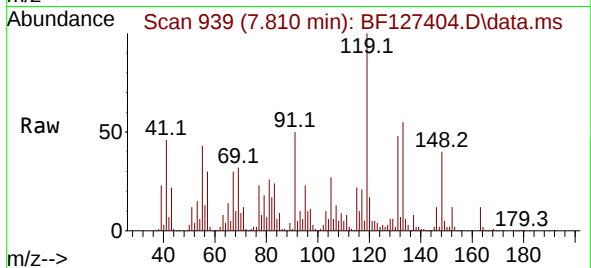




#27
2,4-Dimethylphenol
Concen: 12.577 ng
RT: 7.810 min Scan# 910
Delta R.T. 0.012 min
Lab File: BF127404.D
Acq: 18 Mar 2022 21:17

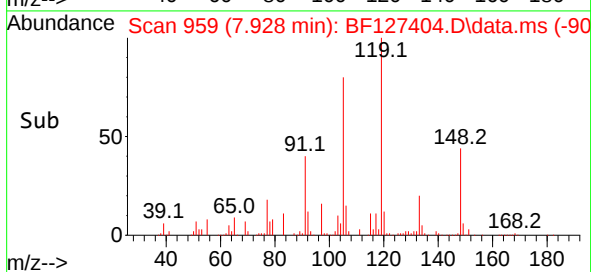
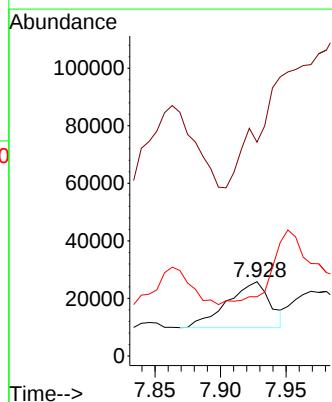
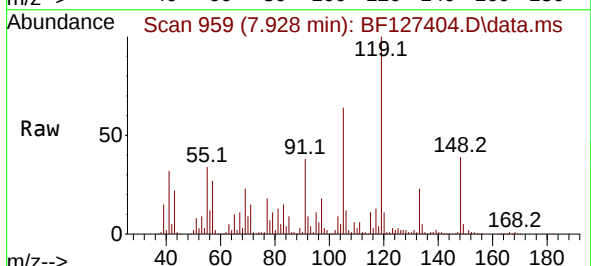
Instrument :
BNA_F
ClientSampleId :
PPSP-B17-23.5-24.0

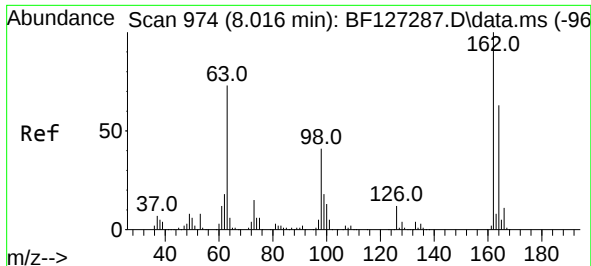
Tgt Ion:122 Resp: 25558
Ion Ratio Lower Upper
122 100
107 284.8 91.2 136.8#
121 108.8 44.4 66.6#



#28
bis(2-Chloroethoxy)methane
Concen: 10.295 ng
RT: 7.928 min Scan# 959
Delta R.T. 0.035 min
Lab File: BF127404.D
Acq: 18 Mar 2022 21:17

Tgt Ion: 93 Resp: 36251
Ion Ratio Lower Upper
93 100
95 287.6 25.4 38.2#
123 79.7 8.9 13.3#





#29

2,4-Dichlorophenol

Concen: 16.425 ng

RT: 7.993 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF127404.D

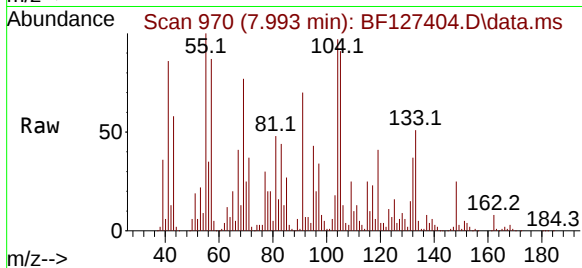
Acq: 18 Mar 2022 21:17

Instrument :

BNA_F

ClientSampleId :

PPSP-B17-23.5-24.0



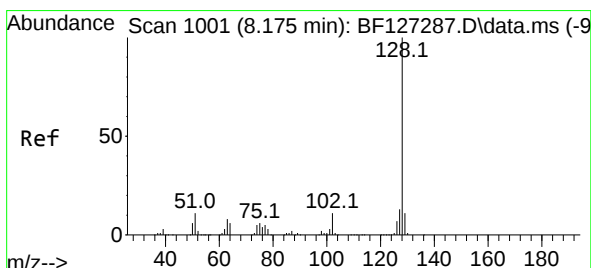
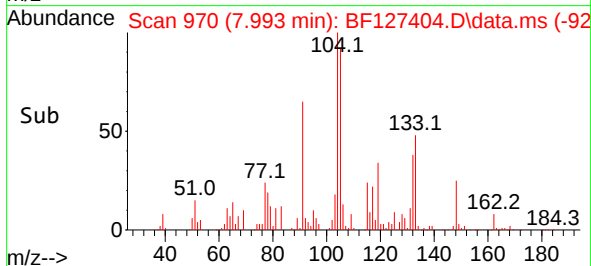
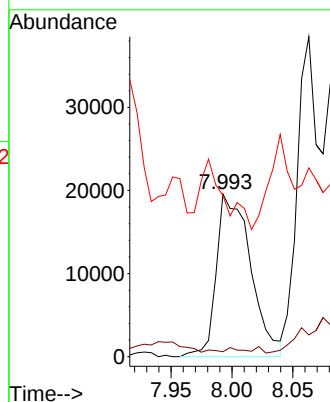
Tgt Ion:162 Resp: 38224

Ion Ratio Lower Upper

162 100

164 3.1 43.8 83.8#

98 99.2 23.6 63.6#



#31

Naphthalene

Concen: 144.890 ng

RT: 8.187 min Scan# 1003

Delta R.T. 0.018 min

Lab File: BF127404.D

Acq: 18 Mar 2022 21:17

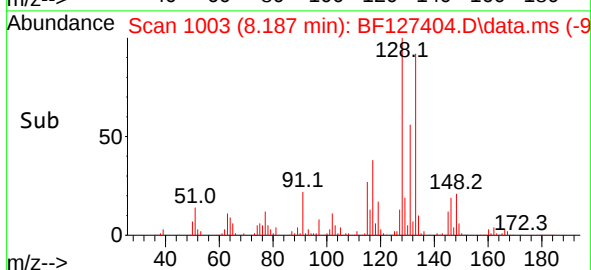
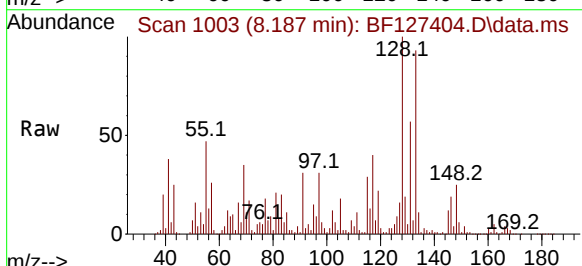
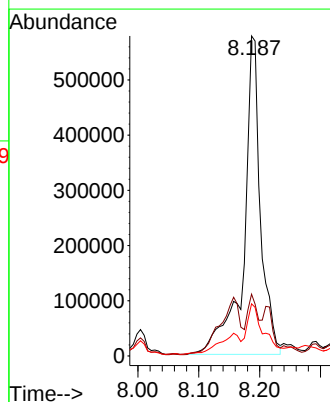
Tgt Ion:128 Resp: 1103134

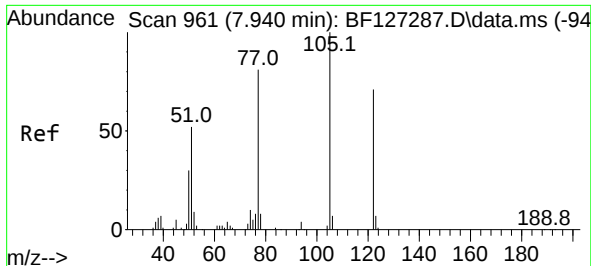
Ion Ratio Lower Upper

128 100

129 19.3 8.6 13.0#

127 16.3 10.3 15.5#

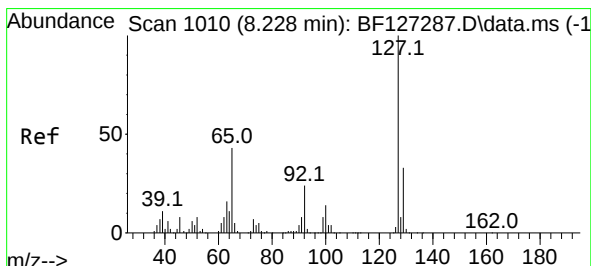
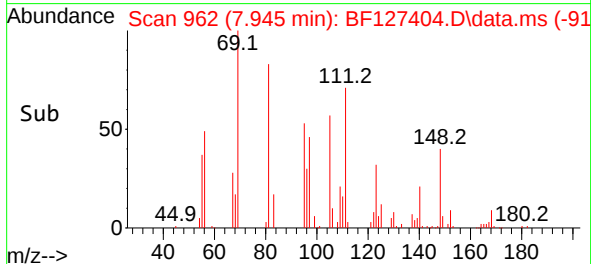
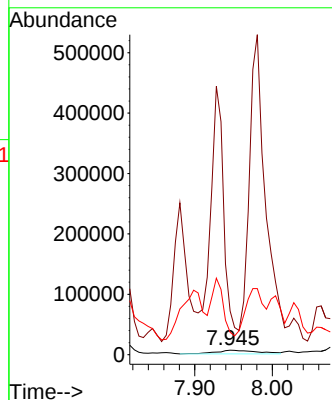
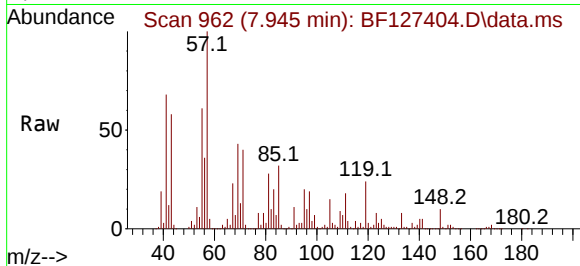




#32
Benzoic acid
Concen: 20.540 ng
RT: 7.945 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF127404.D
Acq: 18 Mar 2022 21:17

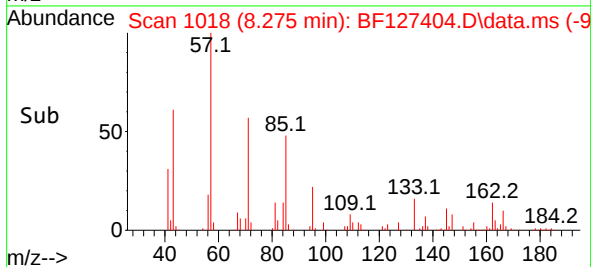
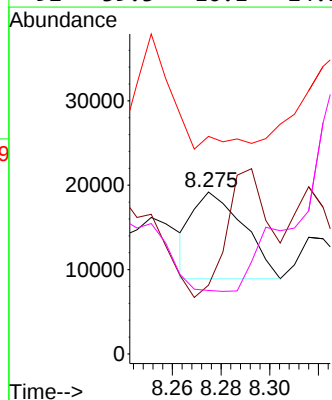
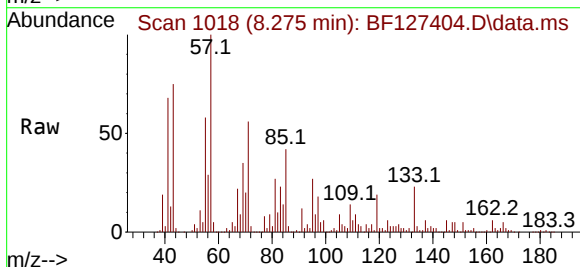
Instrument :
BNA_F
ClientSampleId :
PPSP-B17-23.5-24.0

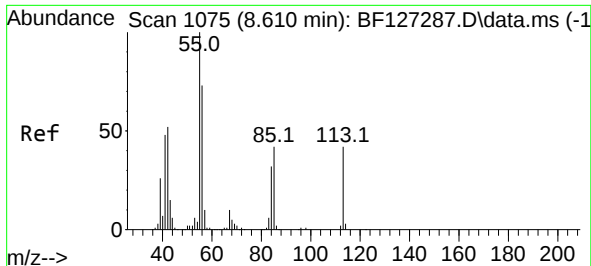
Tgt Ion:122 Resp: 22804
Ion Ratio Lower Upper
122 100
105 980.6 101.0 141.0#
77 505.0 74.5 114.5#



#33
4-Chloroaniline
Concen: 5.063 ng
RT: 8.275 min Scan# 1018
Delta R.T. 0.053 min
Lab File: BF127404.D
Acq: 18 Mar 2022 21:17

Tgt Ion:127 Resp: 14941
Ion Ratio Lower Upper
127 100
129 42.5 26.5 39.7#
65 134.3 26.6 39.8#
92 39.3 16.1 24.1#

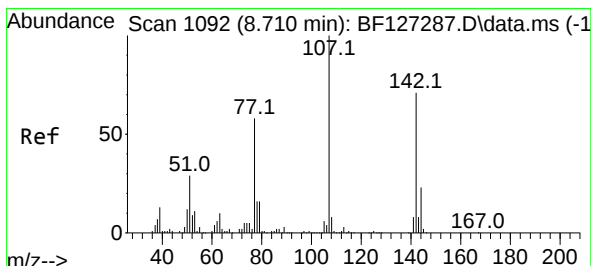
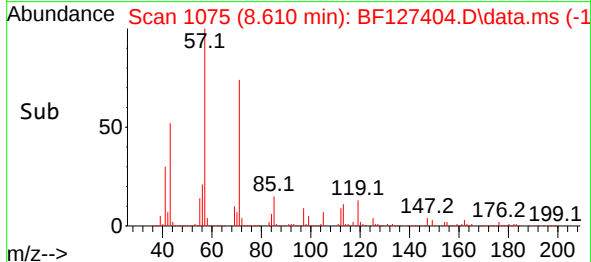
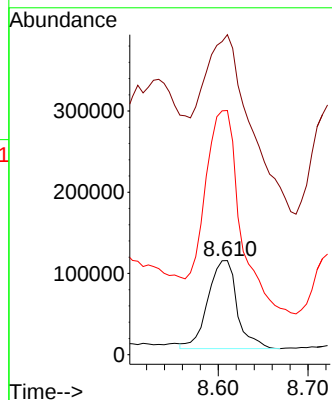
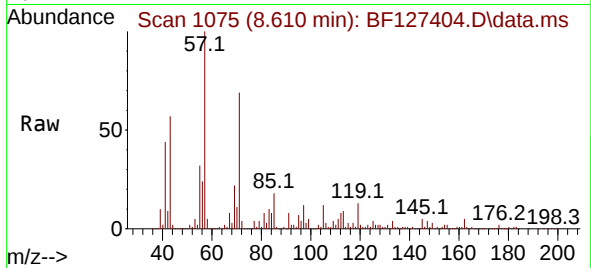




#35
 Caprolactam
 Concen: 352.941 ng
 RT: 8.610 min Scan# 1075
 Delta R.T. 0.006 min
 Lab File: BF127404.D
 Acq: 18 Mar 2022 21:17

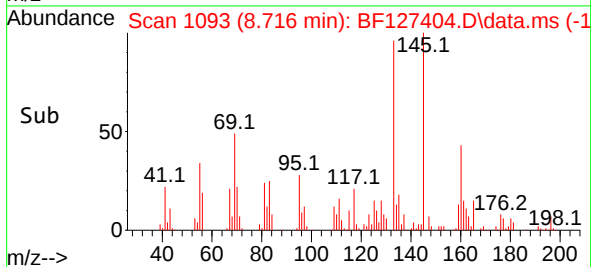
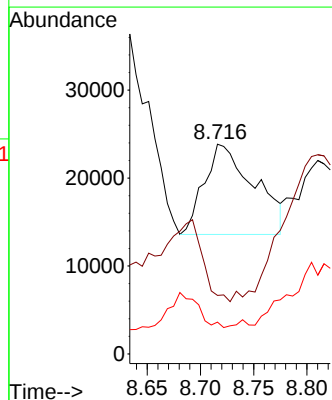
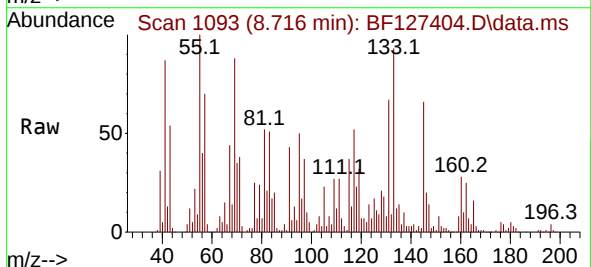
Instrument :
 BNA_F
 ClientSampleId :
 PPSP-B17-23.5-24.0

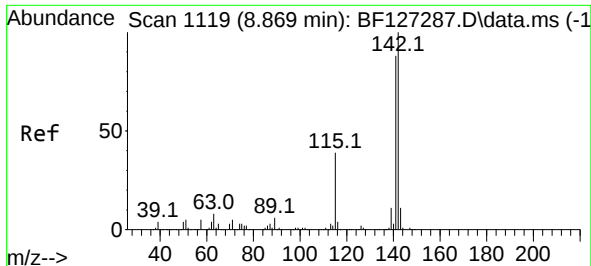
Tgt Ion:113 Resp: 245373
 Ion Ratio Lower Upper
 113 100
 55 340.1 183.9 223.9#
 56 259.5 129.9 169.9#



#36
 4-Chloro-3-methylphenol
 Concen: 13.199 ng
 RT: 8.716 min Scan# 1093
 Delta R.T. 0.012 min
 Lab File: BF127404.D
 Acq: 18 Mar 2022 21:17

Tgt Ion:107 Resp: 33293
 Ion Ratio Lower Upper
 107 100
 144 27.9 18.5 27.7#
 142 15.2 58.1 87.1#





#37

2-Methylnaphthalene

Concen: 543.370 ng

RT: 8.916 min Scan# 1119

Delta R.T. 0.059 min

Lab File: BF127404.D

Acq: 18 Mar 2022 21:17

Instrument :

BNA_F

ClientSampleId :

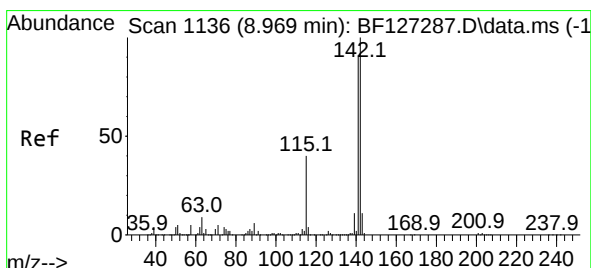
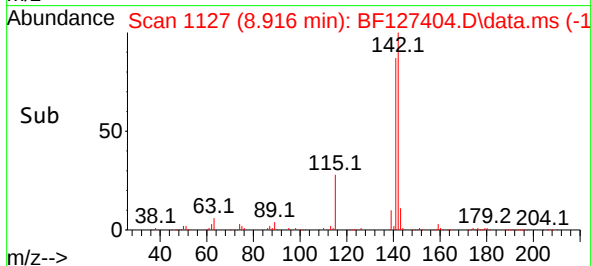
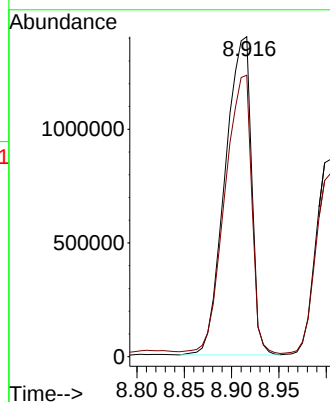
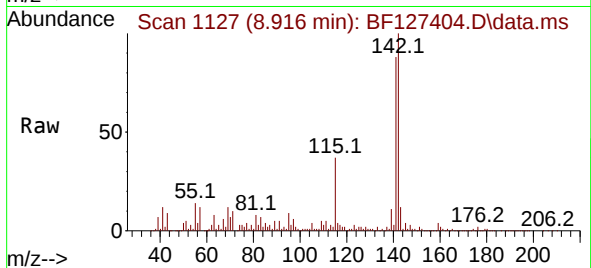
PPSP-B17-23.5-24.0

Tgt Ion:142 Resp: 2703193

Ion Ratio Lower Upper

142 100

141 88.0 68.6 102.8



#38

1-Methylnaphthalene

Concen: 365.351 ng

RT: 9.004 min Scan# 1142

Delta R.T. 0.047 min

Lab File: BF127404.D

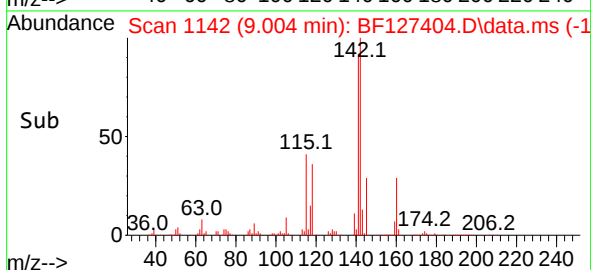
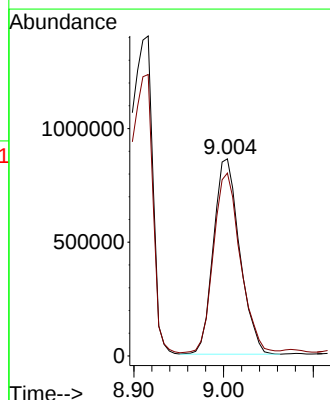
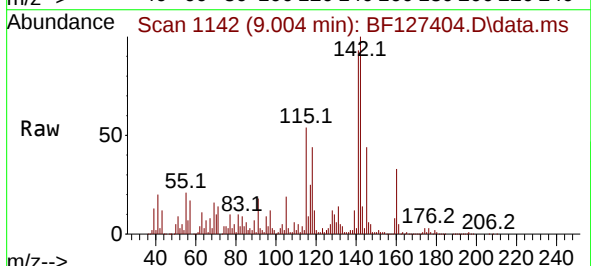
Acq: 18 Mar 2022 21:17

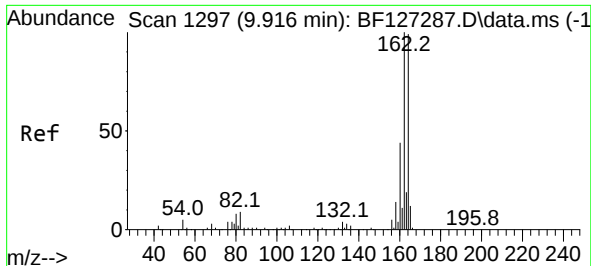
Tgt Ion:142 Resp: 1747344

Ion Ratio Lower Upper

142 100

141 92.7 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.951 min Scan# 1

Delta R.T. 0.047 min

Lab File: BF127404.D

Acq: 18 Mar 2022 21:17

Instrument :

BNA_F

ClientSampleId :

PPSP-B17-23.5-24.0

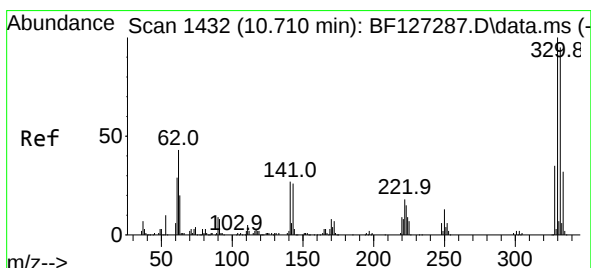
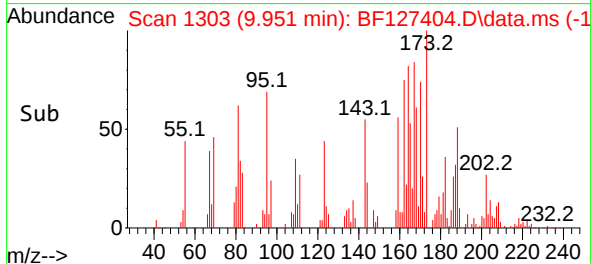
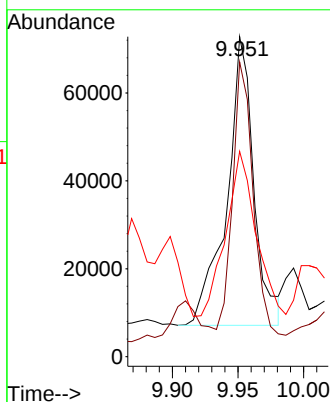
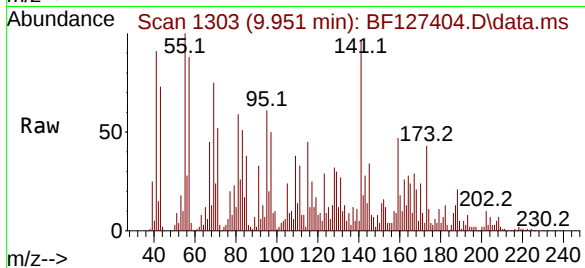
Tgt Ion:164 Resp: 94555

Ion Ratio Lower Upper

164 100

162 92.1 81.4 122.0

160 64.1 36.6 54.8#



#42

2,4,6-Tribromophenol

Concen: 105.745 ng

RT: 10.751 min Scan# 1439

Delta R.T. 0.053 min

Lab File: BF127404.D

Acq: 18 Mar 2022 21:17

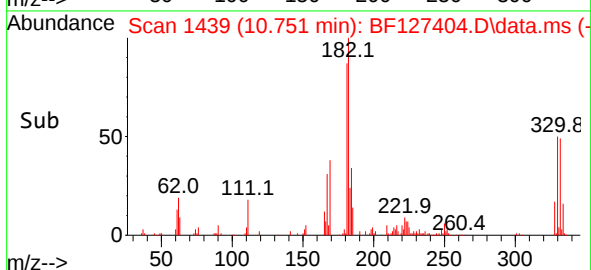
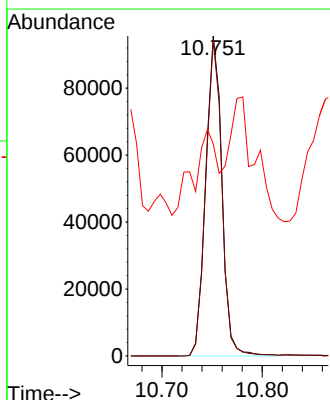
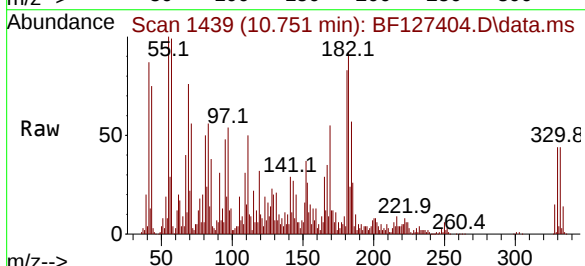
Tgt Ion:330 Resp: 107635

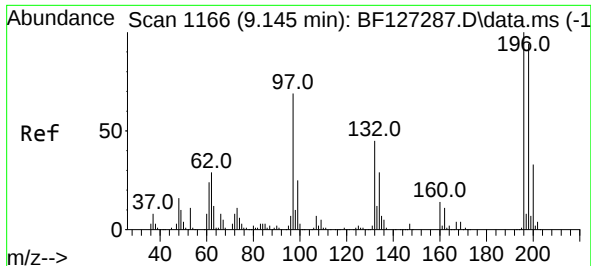
Ion Ratio Lower Upper

330 100

332 98.4 76.0 114.0

141 37.7 30.1 45.1

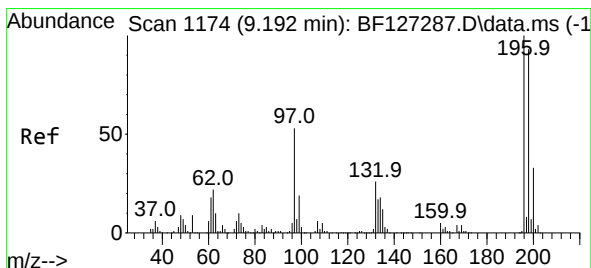
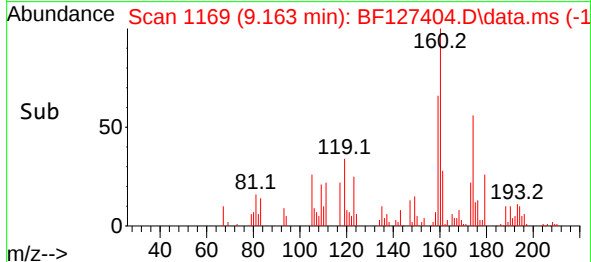
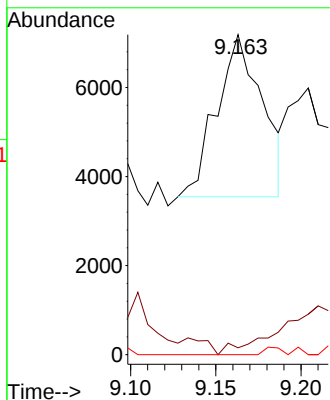
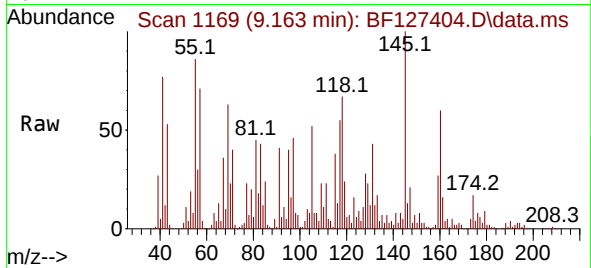




#43
2,4,6-Trichlorophenol
Concen: 3.593 ng
RT: 9.163 min Scan# 1169
Delta R.T. 0.024 min
Lab File: BF127404.D
Acq: 18 Mar 2022 21:17

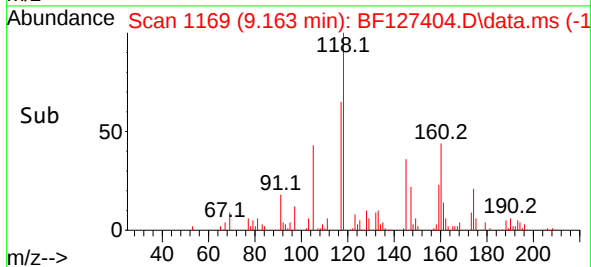
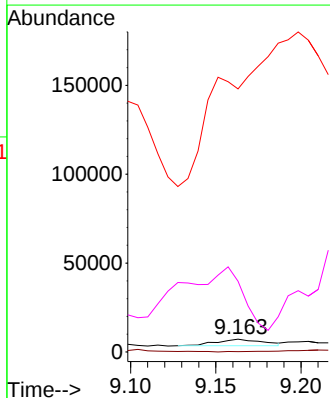
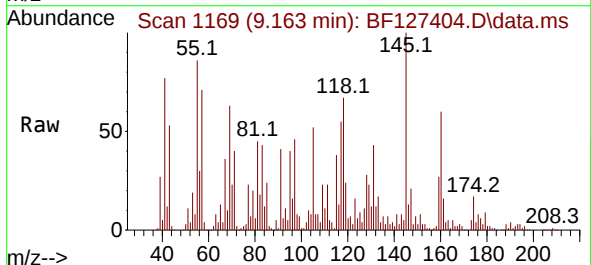
Instrument :
BNA_F
ClientSampleId :
PPSP-B17-23.5-24.0

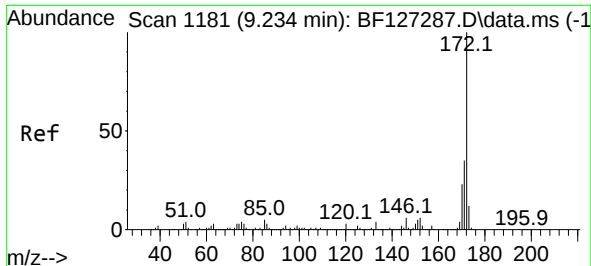
Tgt Ion:196 Resp: 6788
Ion Ratio Lower Upper
196 100
198 2.2 78.5 117.7#
200 0.0 24.9 37.3#



#44
2,4,5-Trichlorophenol
Concen: 3.385 ng
RT: 9.163 min Scan# 1169
Delta R.T. -0.018 min
Lab File: BF127404.D
Acq: 18 Mar 2022 21:17

Tgt Ion:196 Resp: 6788
Ion Ratio Lower Upper
196 100
198 2.2 82.0 123.0#
97 2059.1 53.5 80.3#
132 554.0 28.7 43.1#





#45

2-Fluorobiphenyl

Concen: 81.790 ng

RT: 9.257 min Scan# 1181

Delta R.T. 0.035 min

Lab File: BF127404.D

Acq: 18 Mar 2022 21:17

Instrument :

BNA_F

ClientSampleId :

PPSP-B17-23.5-24.0

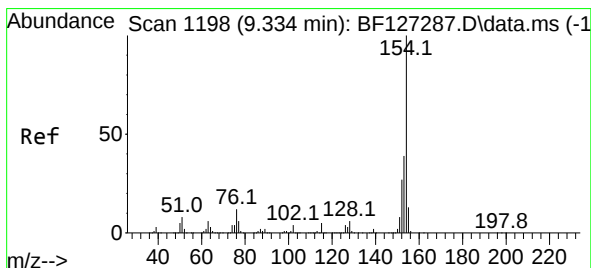
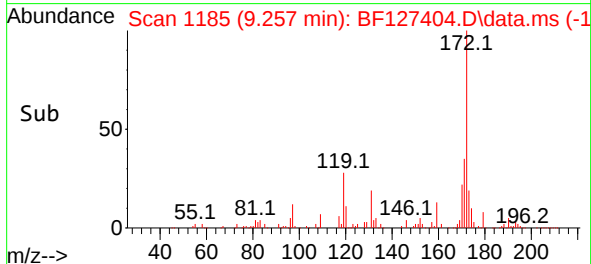
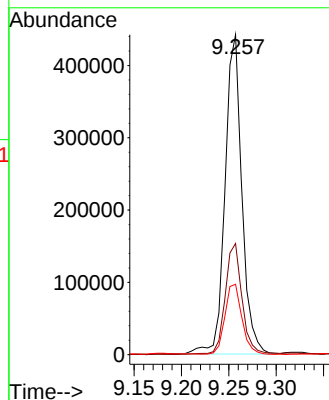
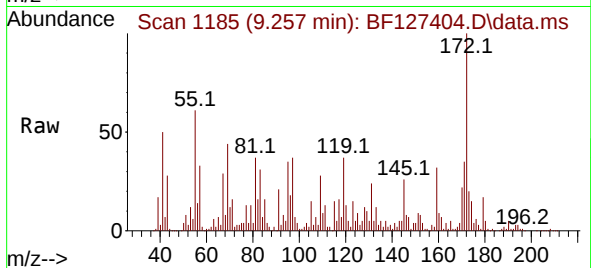
Tgt Ion:172 Resp: 547013

Ion Ratio Lower Upper

172 100

171 34.8 28.3 42.5

170 22.0 19.0 28.6



#46

1,1'-Biphenyl

Concen: 90.352 ng

RT: 9.363 min Scan# 1203

Delta R.T. 0.041 min

Lab File: BF127404.D

Acq: 18 Mar 2022 21:17

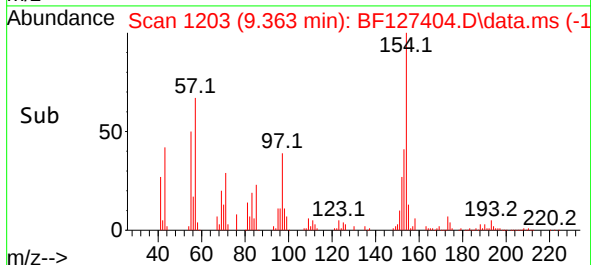
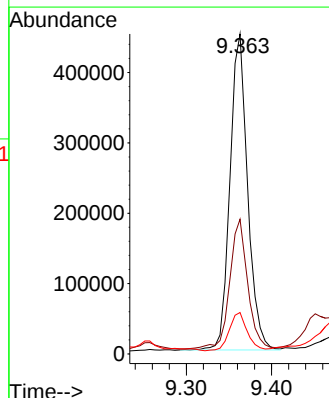
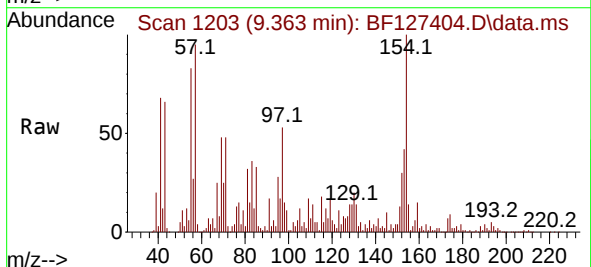
Tgt Ion:154 Resp: 644797

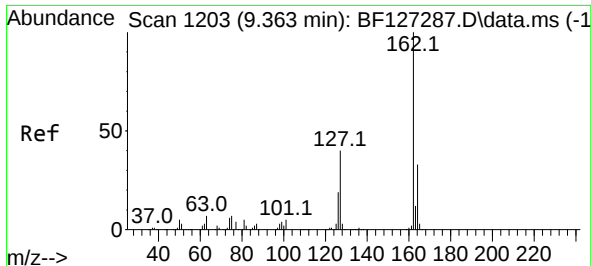
Ion Ratio Lower Upper

154 100

153 42.1 19.0 59.0

76 13.0 0.0 34.5





#47

2-Chloronaphthalene

Concen: 5.430 ng

RT: 9.439 min Scan# 11

Delta R.T. 0.088 min

Lab File: BF127404.D

Acq: 18 Mar 2022 21:17

Instrument :

BNA_F

ClientSampleId :

PPSP-B17-23.5-24.0

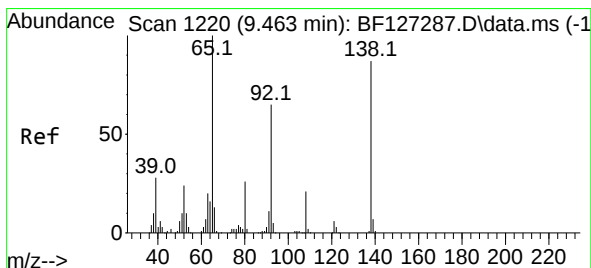
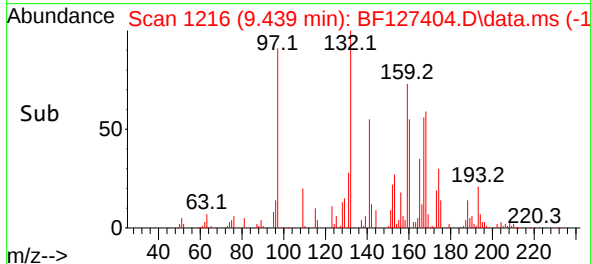
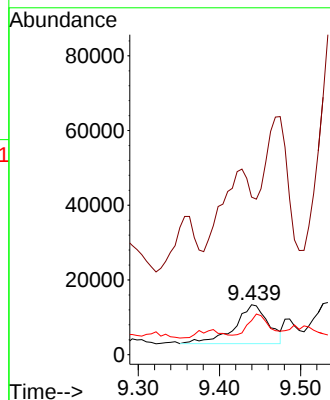
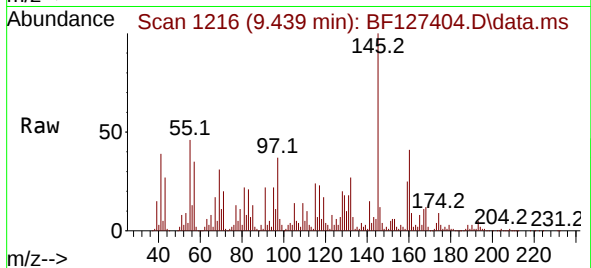
Tgt Ion:162 Resp: 30163

Ion Ratio Lower Upper

162 100

127 315.9 33.5 50.3#

164 68.3 26.2 39.4#



#48

2-Nitroaniline

Concen: 3.384 ng

RT: 9.487 min Scan# 1224

Delta R.T. 0.035 min

Lab File: BF127404.D

Acq: 18 Mar 2022 21:17

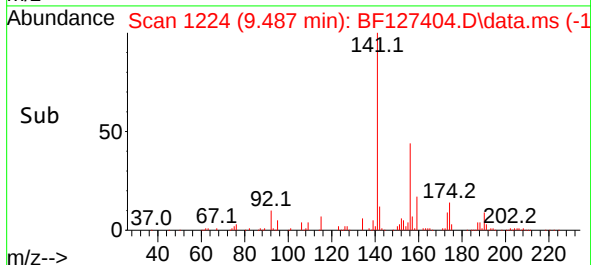
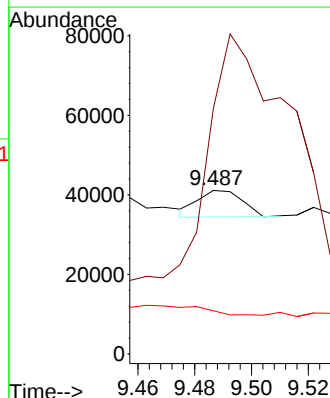
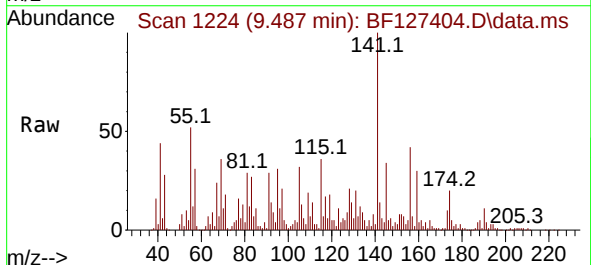
Tgt Ion: 65 Resp: 7233

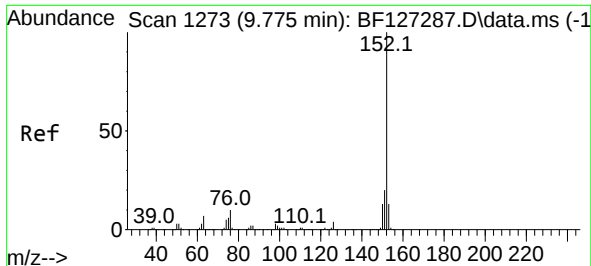
Ion Ratio Lower Upper

65 100

92 150.0 54.4 81.6#

138 26.4 72.5 108.7#

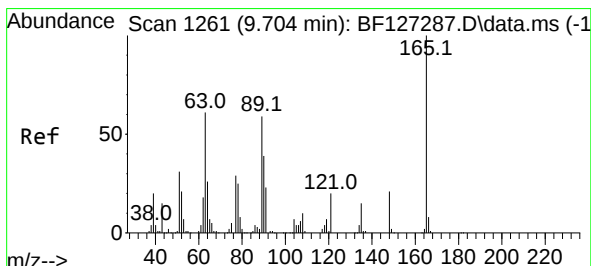
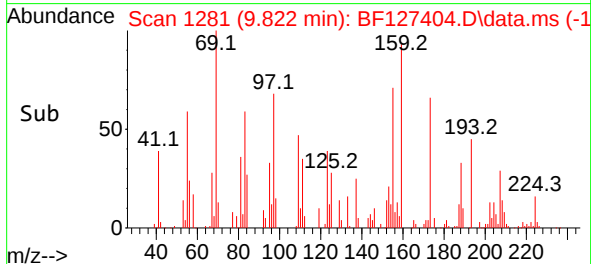
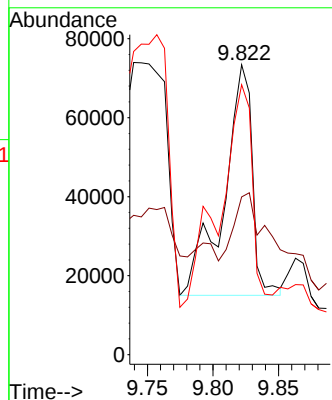
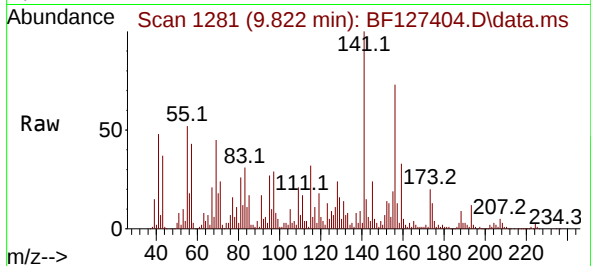




#49
Acenaphthylene
Concen: 10.379 ng
RT: 9.822 min Scan# 1281
Delta R.T. 0.053 min
Lab File: BF127404.D
Acq: 18 Mar 2022 21:17

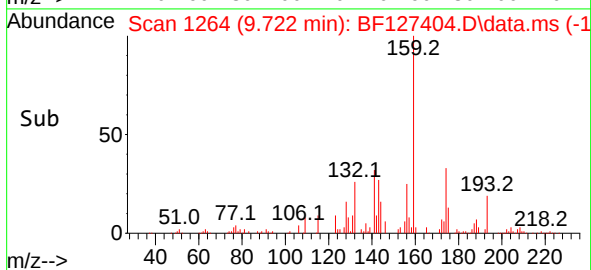
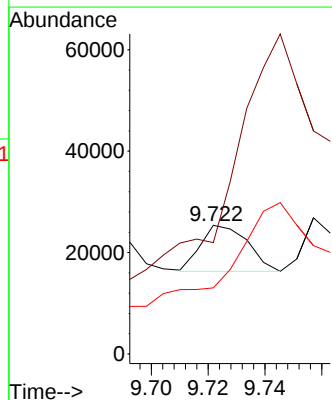
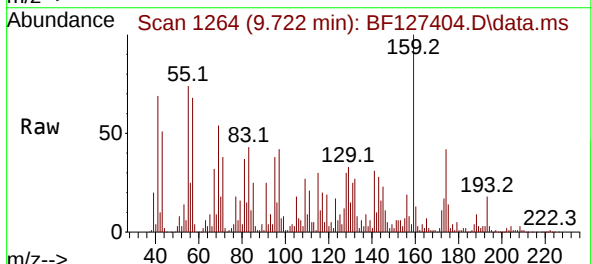
Instrument :
BNA_F
ClientSampleId :
PPSP-B17-23.5-24.0

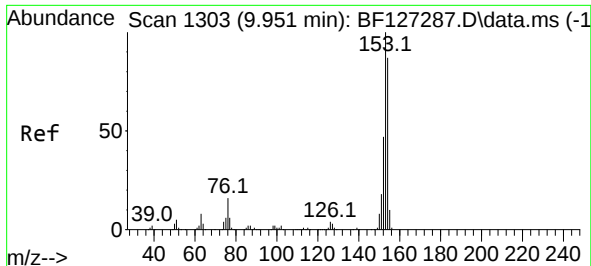
Tgt Ion:152 Resp: 88234
Ion Ratio Lower Upper
152 100
151 54.4 15.7 23.5#
153 93.1 11.4 17.0#



#51
2,6-Dinitrotoluene
Concen: 7.580 ng
RT: 9.722 min Scan# 1264
Delta R.T. 0.030 min
Lab File: BF127404.D
Acq: 18 Mar 2022 21:17

Tgt Ion:165 Resp: 10389
Ion Ratio Lower Upper
165 100
63 86.6 48.4 72.6#
89 51.5 50.5 75.7

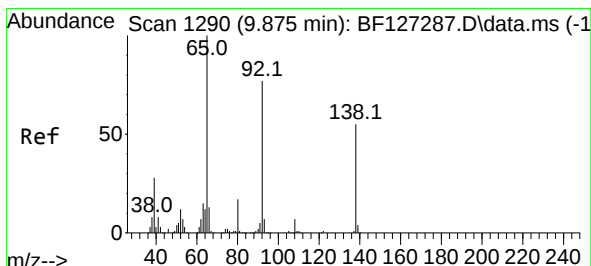
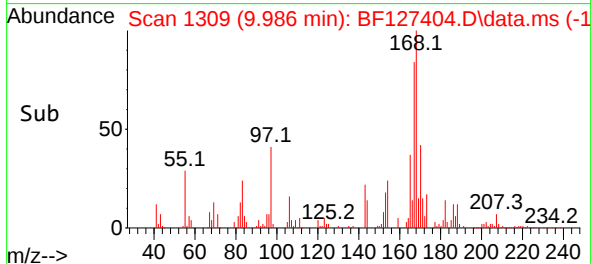
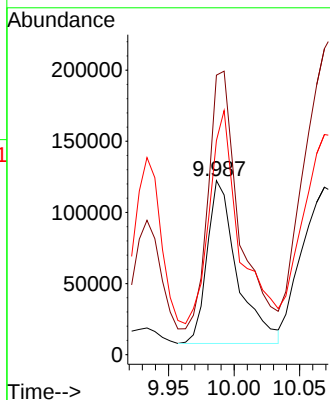
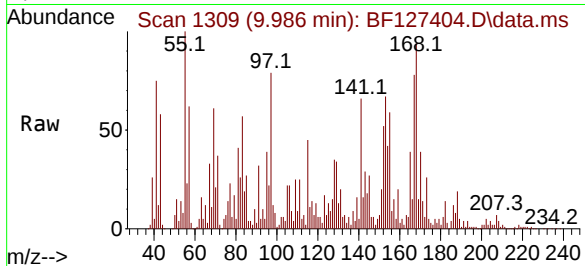




#52
Acenaphthene
Concen: 36.013 ng
RT: 9.986 min Scan# 11
Delta R.T. 0.047 min
Lab File: BF127404.D
Acq: 18 Mar 2022 21:17

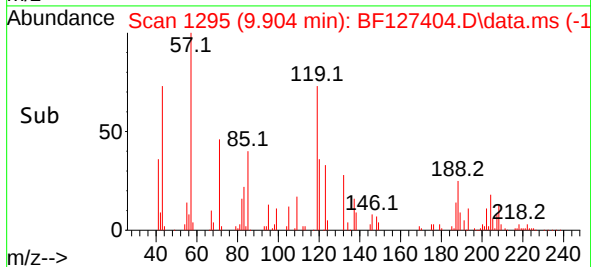
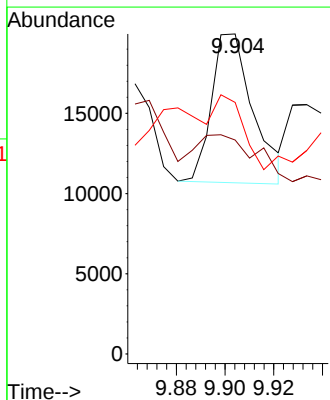
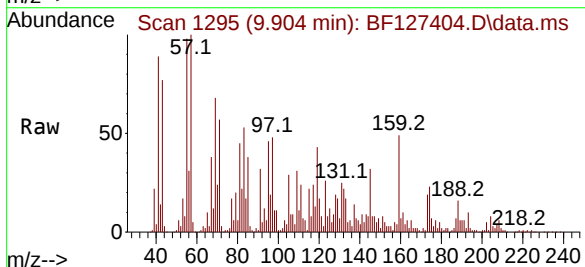
Instrument :
BNA_F
ClientSampleId :
PPSP-B17-23.5-24.0

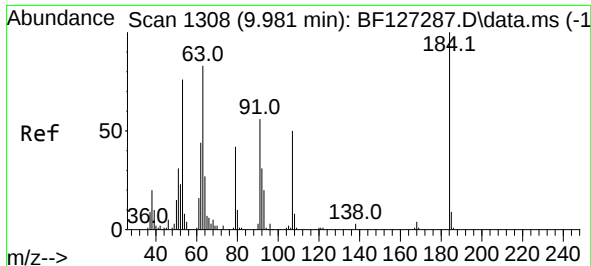
Tgt Ion:154 Resp: 182497
Ion Ratio Lower Upper
154 100
153 160.5 87.8 131.6#
152 123.1 39.4 59.2#



#53
3-Nitroaniline
Concen: 7.348 ng
RT: 9.904 min Scan# 1295
Delta R.T. 0.035 min
Lab File: BF127404.D
Acq: 18 Mar 2022 21:17

Tgt Ion:138 Resp: 10974
Ion Ratio Lower Upper
138 100
108 66.8 8.6 13.0#
92 78.6 105.0 157.6#

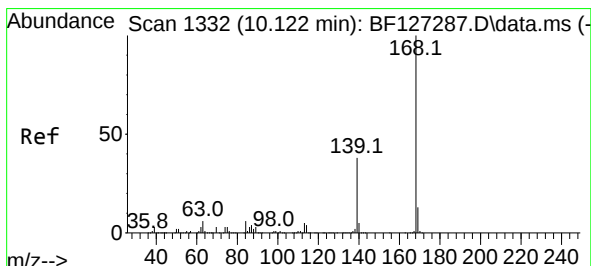
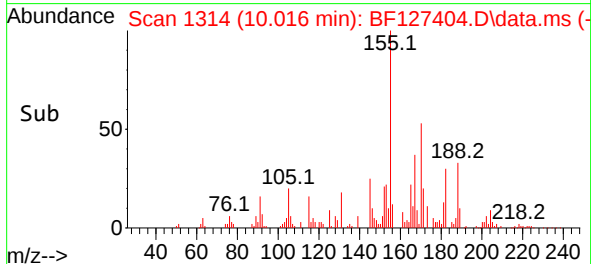
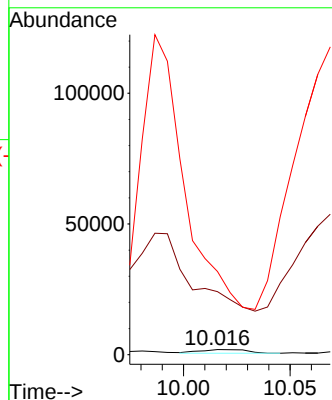
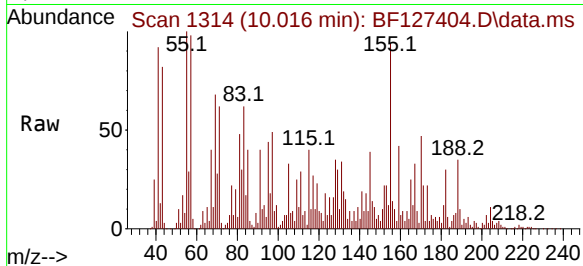




#54
2,4-Dinitrophenol
Concen: 6.547 ng
RT: 10.016 min Scan# 11
Delta R.T. 0.035 min
Lab File: BF127404.D
Acq: 18 Mar 2022 21:17

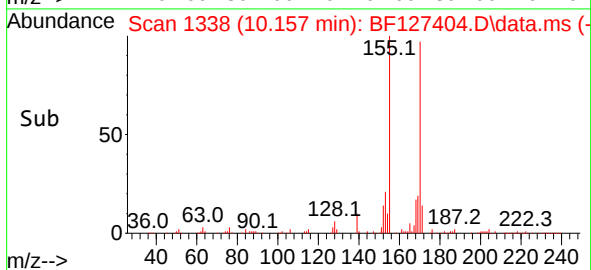
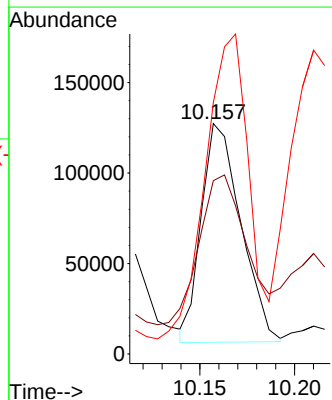
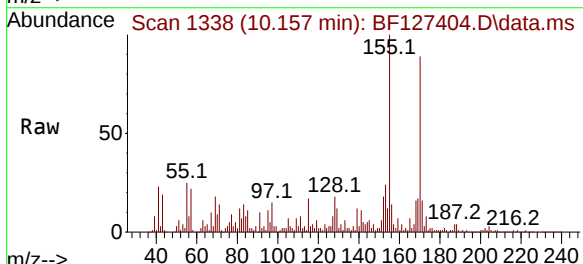
Instrument :
BNA_F
ClientSampleId :
PPSP-B17-23.5-24.0

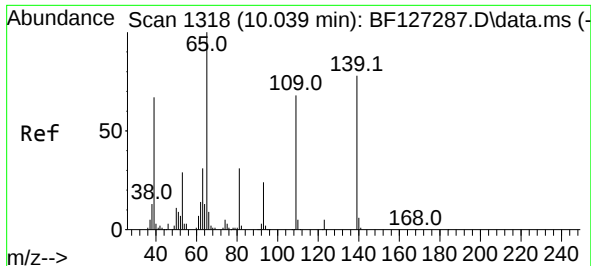
Tgt Ion:184 Resp: 2143
Ion Ratio Lower Upper
184 100
63 1239.5 70.4 105.6#
154 1637.4 49.7 74.5#



#55
Dibenzofuran
Concen: 22.358 ng
RT: 10.157 min Scan# 1338
Delta R.T. 0.047 min
Lab File: BF127404.D
Acq: 18 Mar 2022 21:17

Tgt Ion:168 Resp: 176018
Ion Ratio Lower Upper
168 100
139 75.2 30.6 46.0#
169 109.1 10.0 15.0#

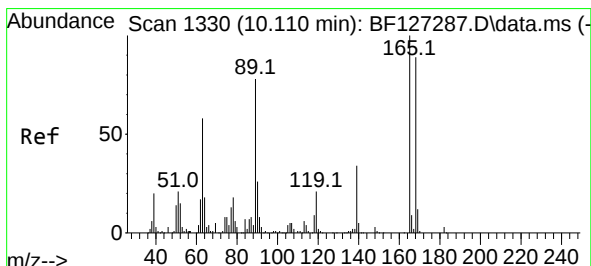
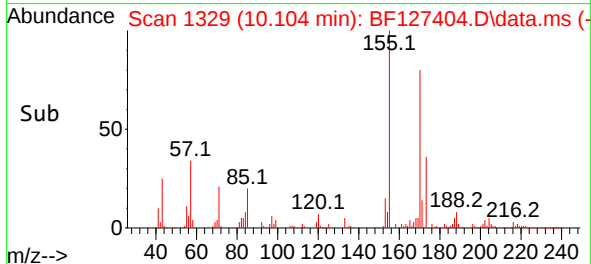
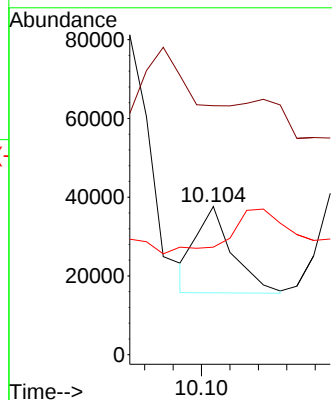
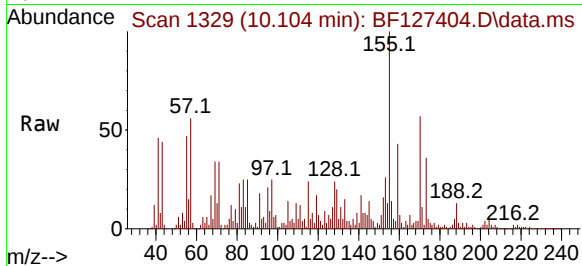




#56
4-Nitrophenol
Concen: 21.520 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.065 min
Lab File: BF127404.D
Acq: 18 Mar 2022 21:17

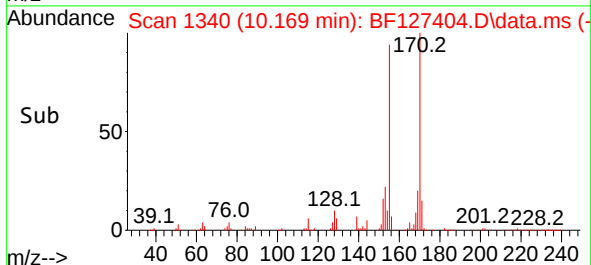
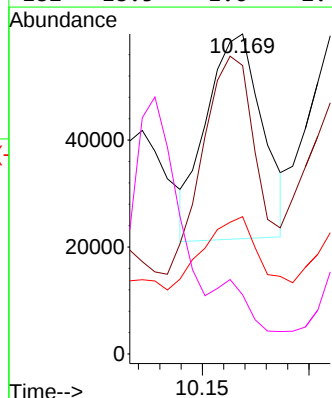
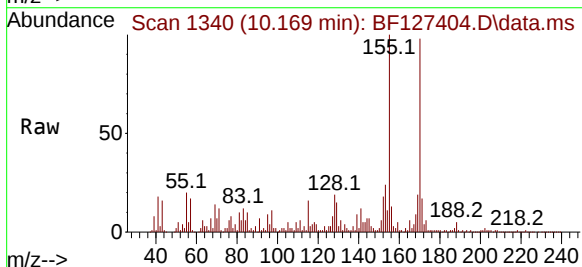
Instrument :
BNA_F
ClientSampleId :
PPSP-B17-23.5-24.0

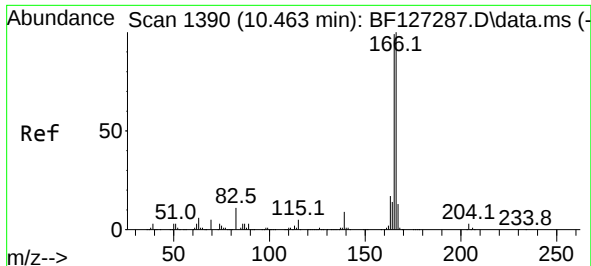
Tgt Ion:139 Resp: 19536
Ion Ratio Lower Upper
139 100
109 168.0 44.1 84.1#
65 72.6 85.5 125.5#



#57
2,4-Dinitrotoluene
Concen: 38.845 ng
RT: 10.169 min Scan# 1340
Delta R.T. 0.065 min
Lab File: BF127404.D
Acq: 18 Mar 2022 21:17

Tgt Ion:165 Resp: 70047
Ion Ratio Lower Upper
165 100
63 90.2 43.0 64.6#
89 42.9 71.0 106.4#
182 18.5 1.6 2.4#

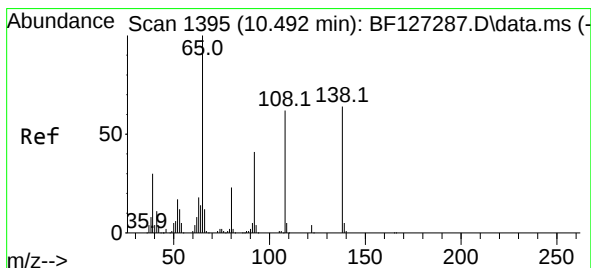
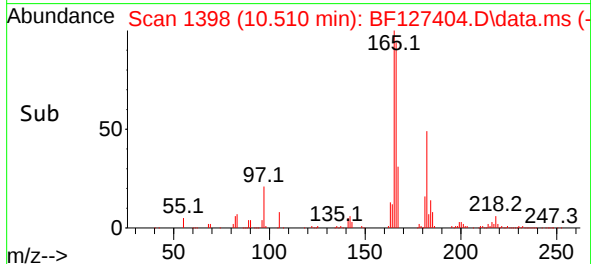
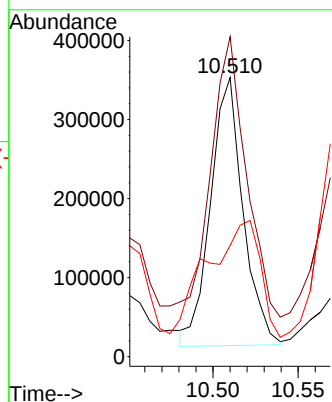
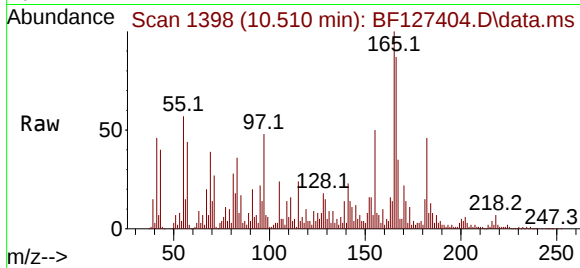




#58
Fluorene
Concen: 73.646 ng
RT: 10.510 min Scan# 11
Delta R.T. 0.059 min
Lab File: BF127404.D
Acq: 18 Mar 2022 21:17

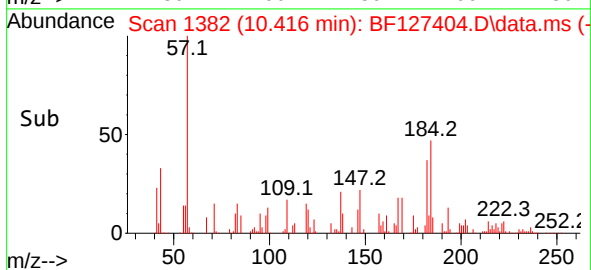
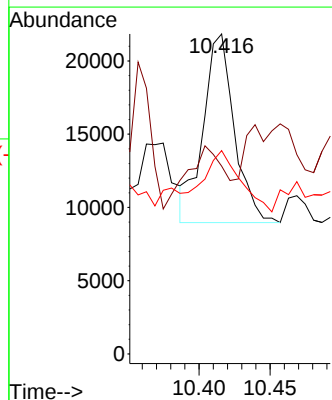
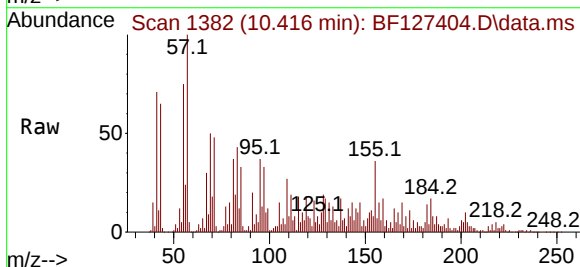
Instrument :
BNA_F
ClientSampleId :
PPSP-B17-23.5-24.0

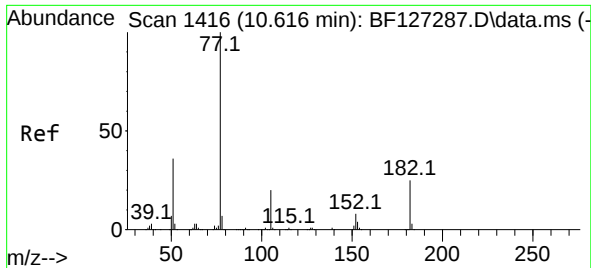
Tgt Ion:166 Resp: 449582
Ion Ratio Lower Upper
166 100
165 114.6 77.7 116.5
167 39.8 10.7 16.1#



#62
4-Nitroaniline
Concen: 13.199 ng
RT: 10.416 min Scan# 1382
Delta R.T. -0.070 min
Lab File: BF127404.D
Acq: 18 Mar 2022 21:17

Tgt Ion:138 Resp: 19645
Ion Ratio Lower Upper
138 100
92 58.7 36.2 76.2
108 63.6 46.7 86.7

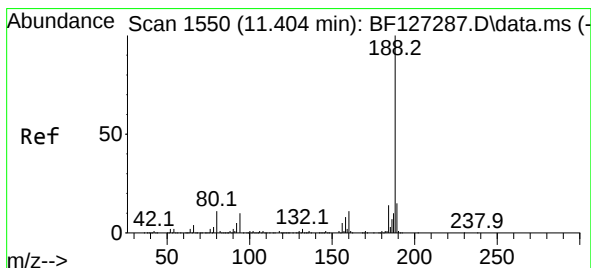
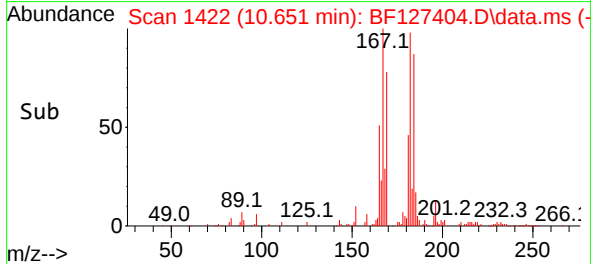
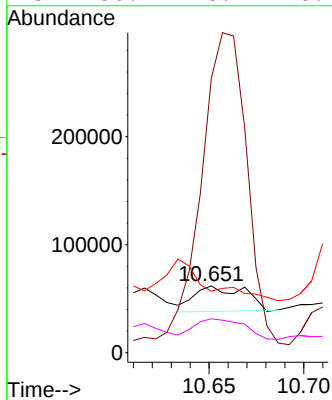
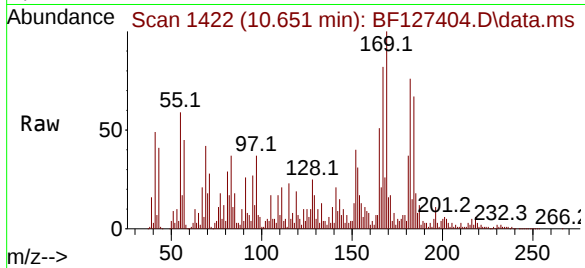




#63
Azobenzene
Concen: 6.016 ng
RT: 10.651 min Scan# 1416
Delta R.T. 0.047 min
Lab File: BF127404.D
Acq: 18 Mar 2022 21:17

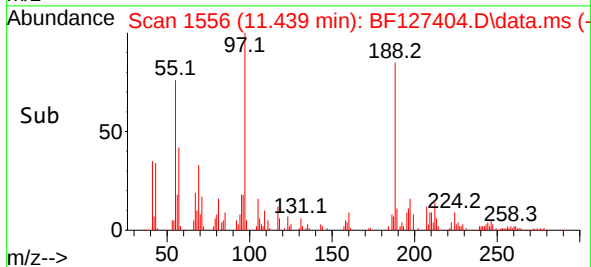
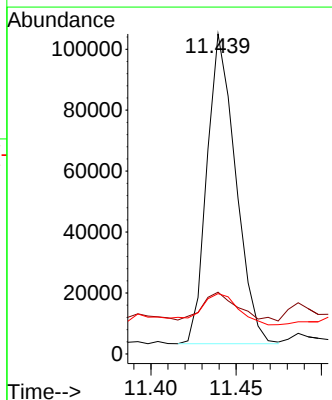
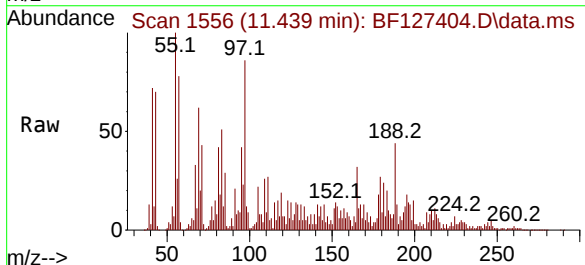
Instrument :
BNA_F
ClientSampleId :
PPSP-B17-23.5-24.0

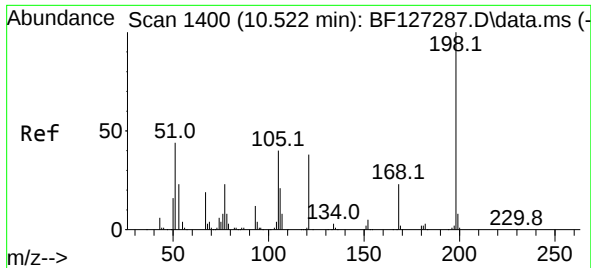
Tgt Ion: 77	Resp: 42742
Ion Ratio	Lower Upper
77 100	
182 411.1	0.0 39.0#
105 92.3	3.2 43.2#
51 50.7	8.2 48.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1556
Delta R.T. 0.047 min
Lab File: BF127404.D
Acq: 18 Mar 2022 21:17

Tgt Ion: 188	Resp: 119207
Ion Ratio	Lower Upper
188 100	
94 19.3	10.1 15.1#
80 18.8	11.8 17.6#

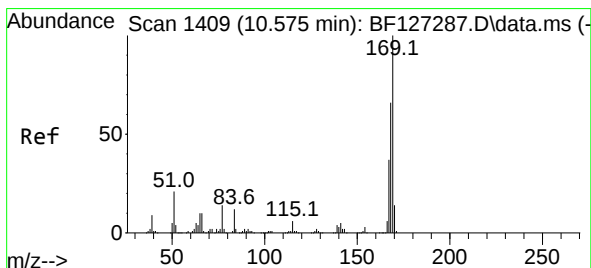
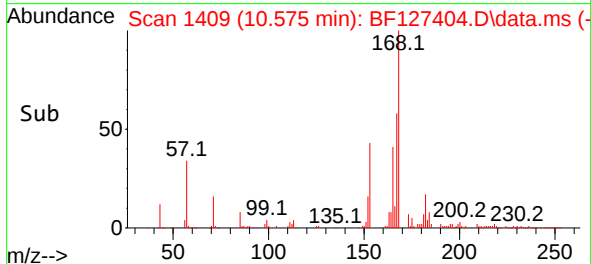
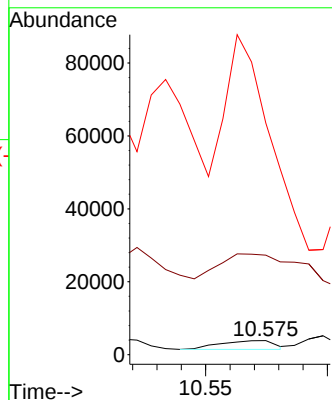
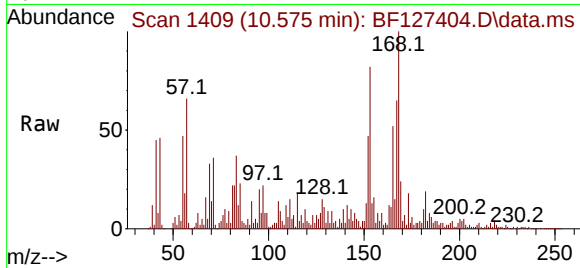




#65
4,6-Dinitro-2-methylphenol
Concen: 5.090 ng
RT: 10.575 min Scan# 1410
Delta R.T. 0.059 min
Lab File: BF127404.D
Acq: 18 Mar 2022 21:17

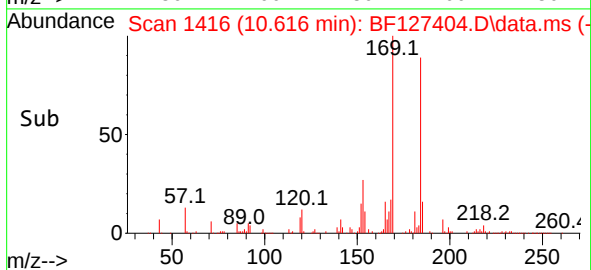
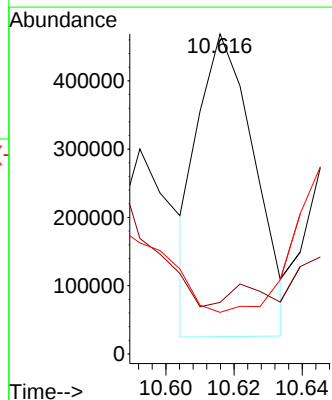
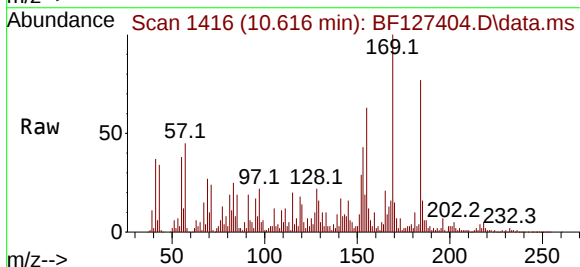
Instrument :
BNA_F
ClientSampleId :
PPSP-B17-23.5-24.0

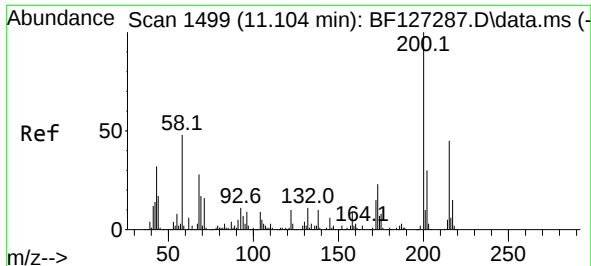
Tgt Ion:198 Resp: 3741
Ion Ratio Lower Upper
198 100
51 709.7 32.0 72.0#
105 1653.1 32.7 72.7#



#66
n-Nitrosodiphenylamine
Concen: 137.818 ng
RT: 10.616 min Scan# 1416
Delta R.T. 0.053 min
Lab File: BF127404.D
Acq: 18 Mar 2022 21:17

Tgt Ion:169 Resp: 510233
Ion Ratio Lower Upper
169 100
168 16.1 53.4 80.0#
167 13.0 29.4 44.0#

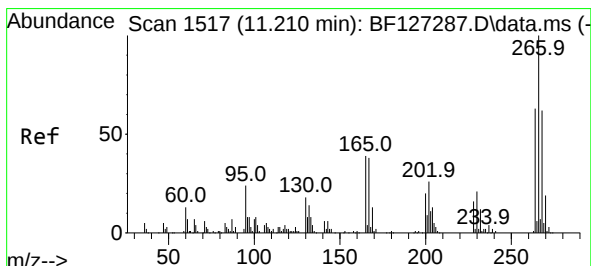
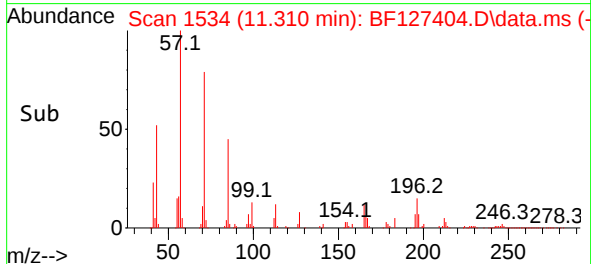
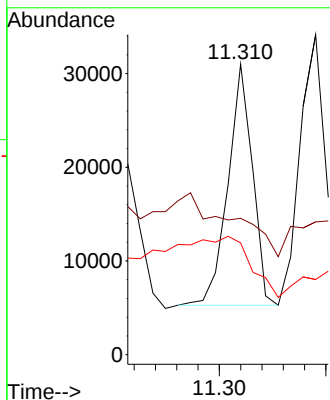
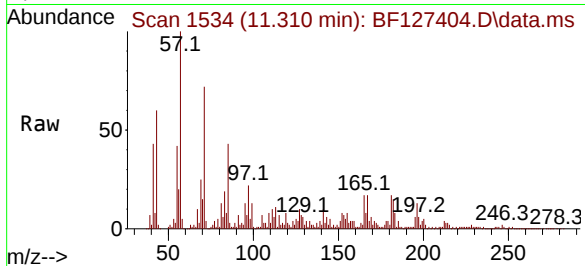




#69
 Atrazine
 Concen: 16.077 ng
 RT: 11.310 min Scan# 11
 Delta R.T. 0.218 min
 Lab File: BF127404.D
 Acq: 18 Mar 2022 21:17

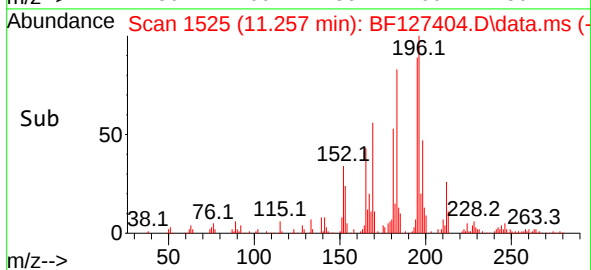
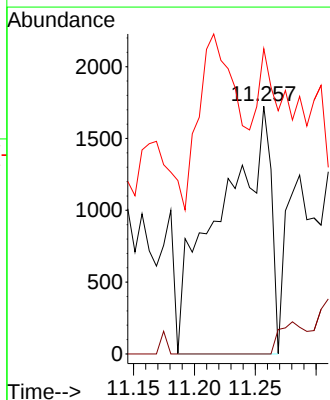
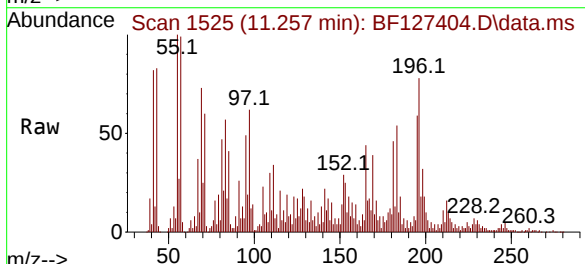
Instrument :
 BNA_F
 ClientSampleId :
 PPSP-B17-23.5-24.0

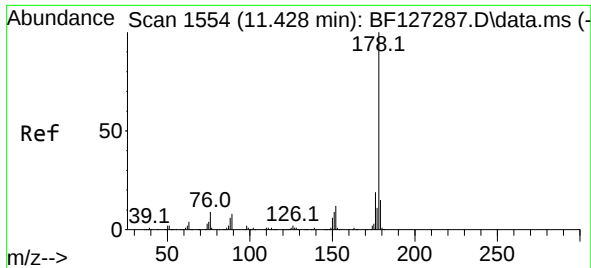
Tgt Ion:200 Resp: 20539
 Ion Ratio Lower Upper
 200 100
 173 46.9 9.2 49.2
 215 38.5 23.2 63.2



#70
 Pentachlorophenol
 Concen: 7.821 ng
 RT: 11.257 min Scan# 1525
 Delta R.T. 0.059 min
 Lab File: BF127404.D
 Acq: 18 Mar 2022 21:17

Tgt Ion:266 Resp: 4945
 Ion Ratio Lower Upper
 266 100
 268 0.0 52.3 78.5#
 264 123.3 50.4 75.6#

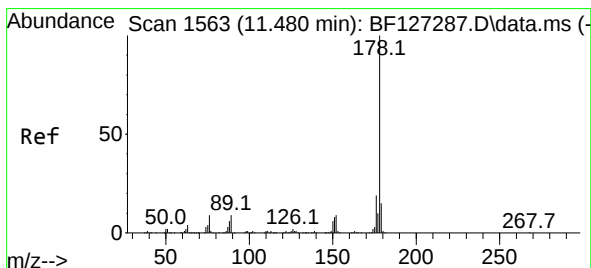
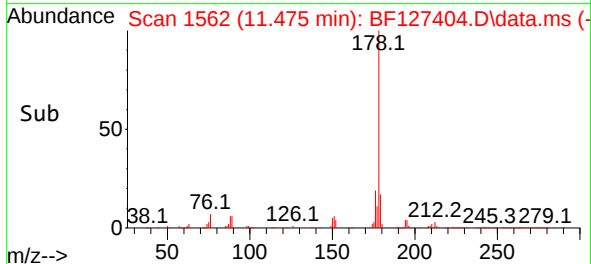
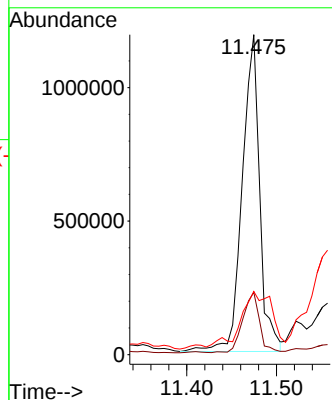
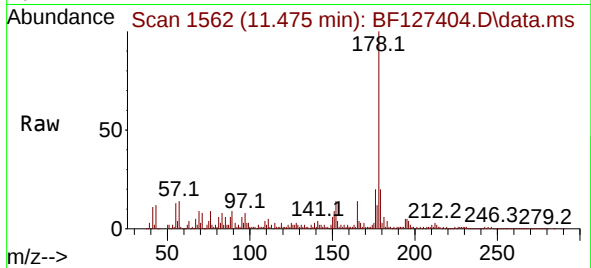




#71
Phenanthrene
Concen: 254.848 ng
RT: 11.475 min Scan# 11
Delta R.T. 0.053 min
Lab File: BF127404.D
Acq: 18 Mar 2022 21:17

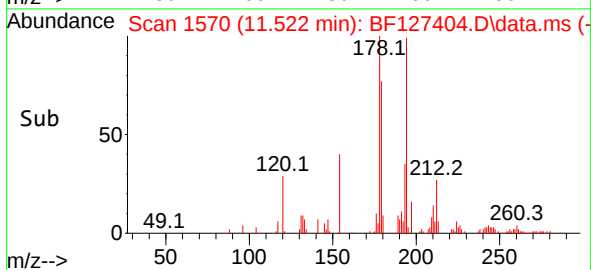
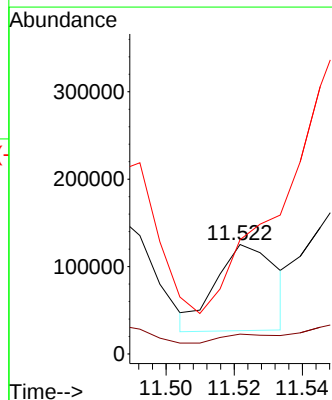
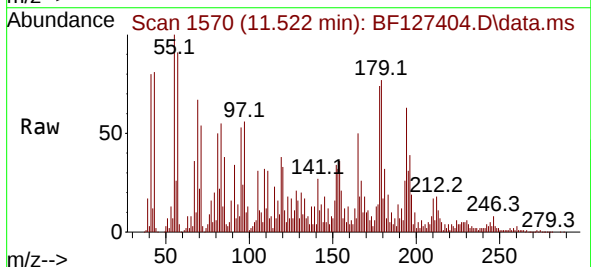
Instrument :
BNA_F
ClientSampleId :
PPSP-B17-23.5-24.0

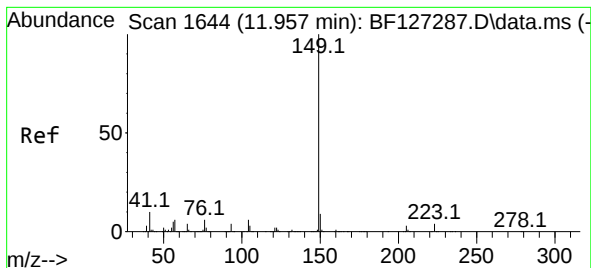
Tgt Ion:178 Resp: 1603705
Ion Ratio Lower Upper
178 100
176 19.5 15.7 23.5
179 19.7 12.3 18.5#



#72
Anthracene
Concen: 19.595 ng
RT: 11.522 min Scan# 1570
Delta R.T. 0.047 min
Lab File: BF127404.D
Acq: 18 Mar 2022 21:17

Tgt Ion:178 Resp: 122115
Ion Ratio Lower Upper
178 100
176 18.2 15.0 22.6
179 104.4 12.5 18.7#





#74

Di-n-butylphthalate

Concen: 3.018 ng

RT: 11.980 min Scan# 1

Delta R.T. 0.035 min

Lab File: BF127404.D

Acq: 18 Mar 2022 21:17

Instrument :

BNA_F

ClientSampleId :

PPSP-B17-23.5-24.0

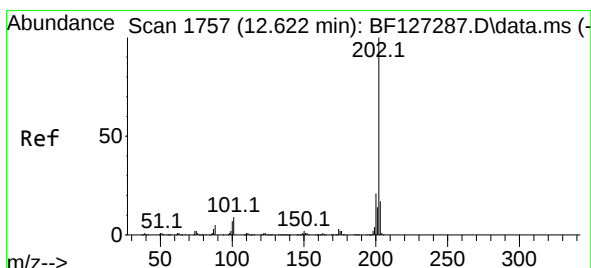
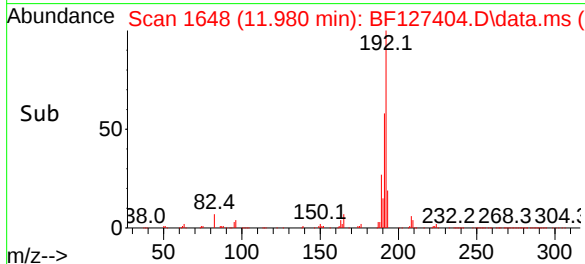
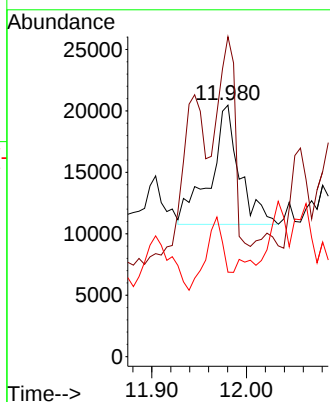
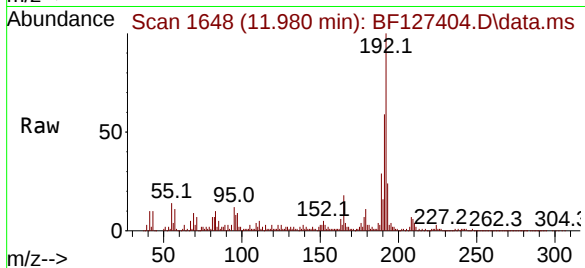
Tgt Ion:149 Resp: 20715

Ion Ratio Lower Upper

149 100

150 127.2 7.2 10.8#

104 33.6 4.2 6.2#



#75

Fluoranthene

Concen: 9.669 ng

RT: 12.651 min Scan# 1762

Delta R.T. 0.041 min

Lab File: BF127404.D

Acq: 18 Mar 2022 21:17

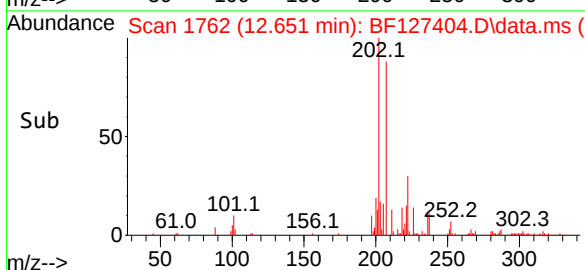
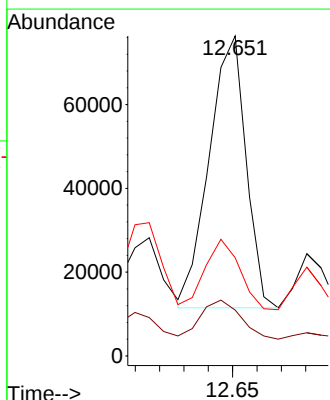
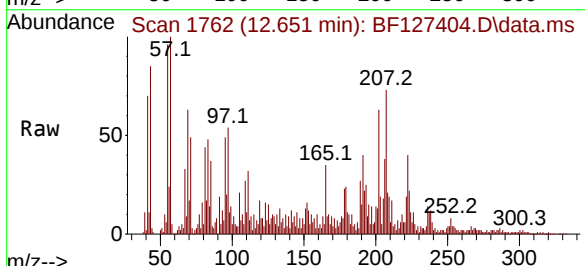
Tgt Ion:202 Resp: 68034

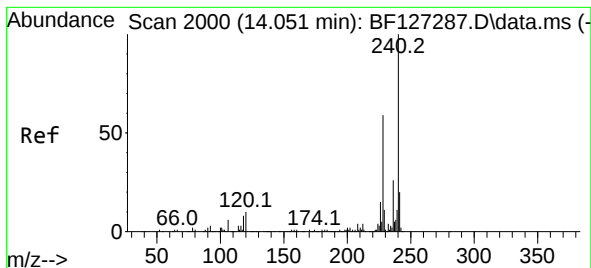
Ion Ratio Lower Upper

202 100

101 14.4 0.0 35.7

203 30.7 0.0 37.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 1999

Delta R.T. 0.000 min

Lab File: BF127404.D

Acq: 18 Mar 2022 21:17

Instrument :

BNA_F

ClientSampleId :

PPSP-B17-23.5-24.0

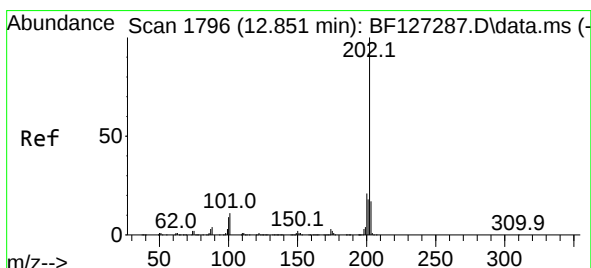
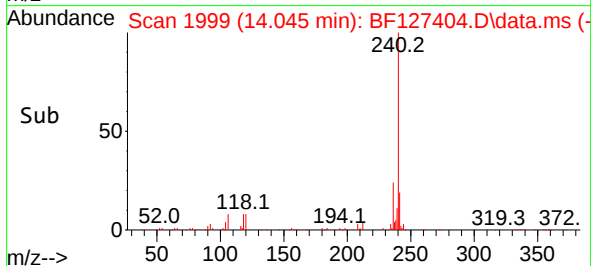
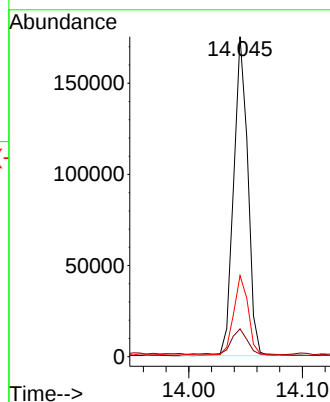
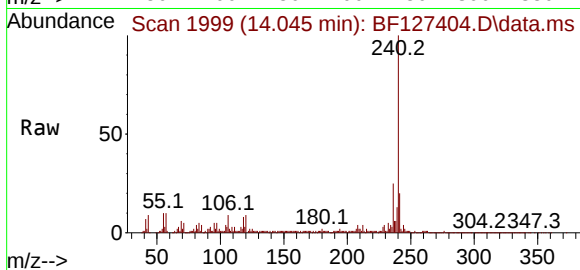
Tgt Ion:240 Resp: 151099

Ion Ratio Lower Upper

240 100

120 8.7 14.4 21.6#

236 25.3 20.5 30.7



#78

Pyrene

Concen: 4.396 ng

RT: 12.822 min Scan# 1791

Delta R.T. -0.018 min

Lab File: BF127404.D

Acq: 18 Mar 2022 21:17

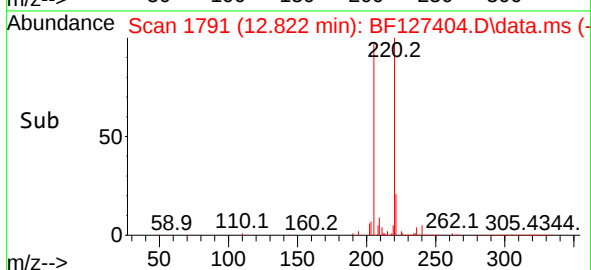
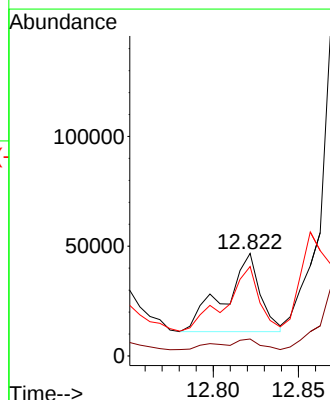
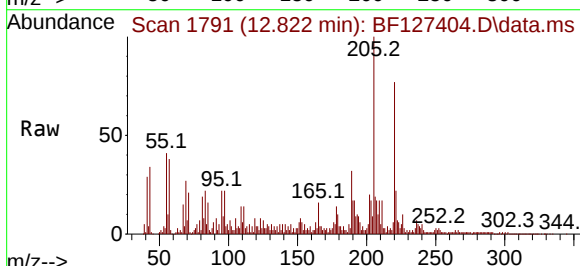
Tgt Ion:202 Resp: 51742

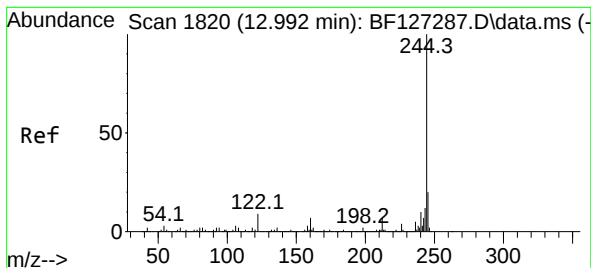
Ion Ratio Lower Upper

202 100

200 16.6 16.6 24.8

203 87.2 13.8 20.8#





#79

Terphenyl-d14

Concen: 68.575 ng

RT: 13.004 min Scan# 1

Delta R.T. 0.024 min

Lab File: BF127404.D

Acq: 18 Mar 2022 21:17

Instrument :

BNA_F

ClientSampleId :

PPSP-B17-23.5-24.0

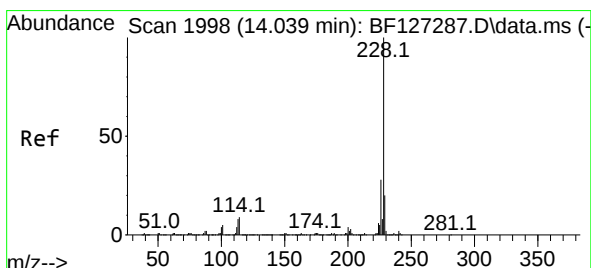
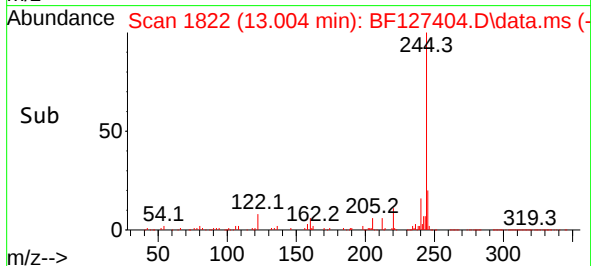
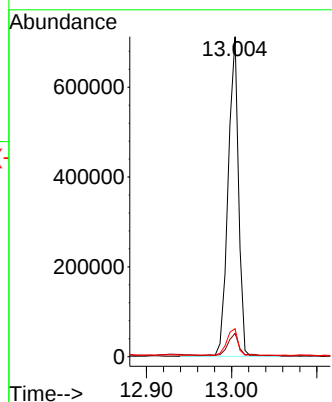
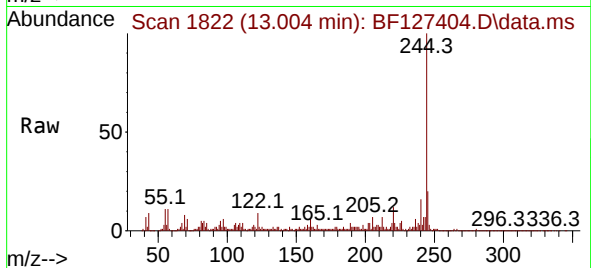
Tgt Ion:244 Resp: 601741

Ion Ratio Lower Upper

244 100

212 7.3 5.0 7.4

122 8.7 13.3 19.9#



#81

Benzo(a)anthracene

Concen: 2.557 ng

RT: 14.057 min Scan# 2001

Delta R.T. 0.024 min

Lab File: BF127404.D

Acq: 18 Mar 2022 21:17

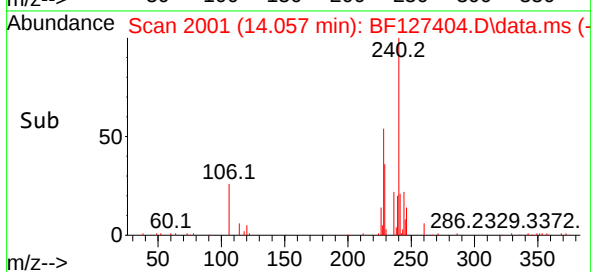
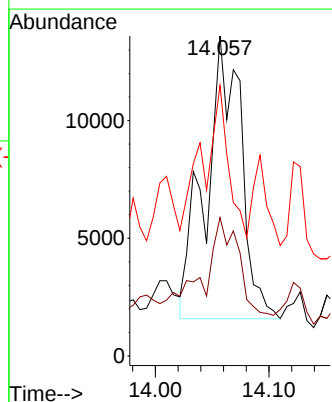
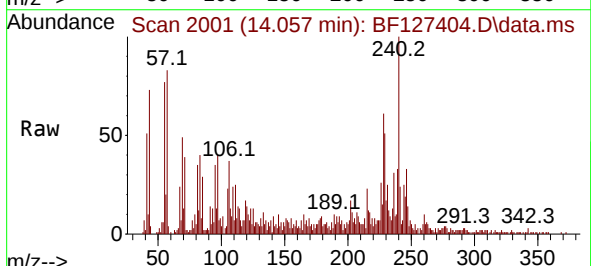
Tgt Ion:228 Resp: 26015

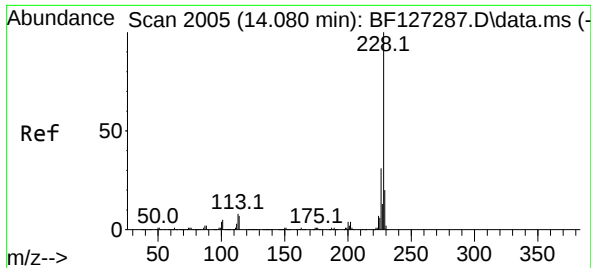
Ion Ratio Lower Upper

228 100

226 43.3 21.4 32.0#

229 84.5 15.4 23.2#





#83

Chrysene

Concen: 2.808 ng

RT: 14.057 min Scan# 2001

Delta R.T. -0.012 min

Lab File: BF127404.D

Acq: 18 Mar 2022 21:17

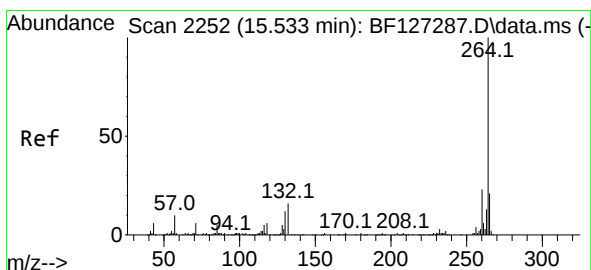
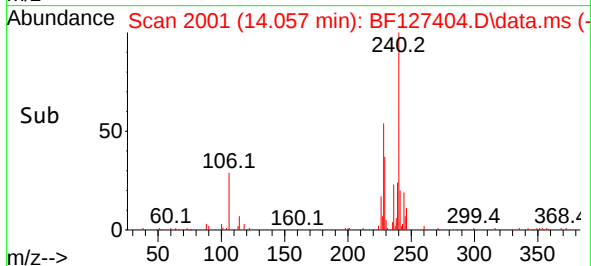
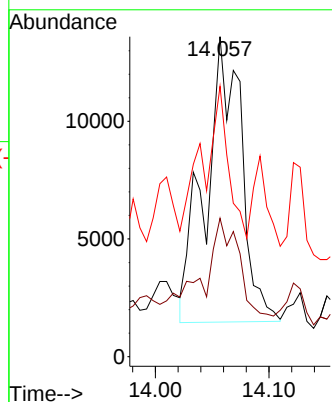
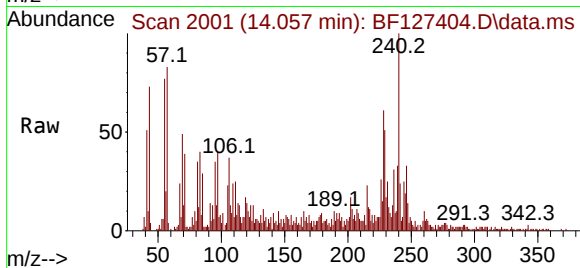
Instrument :

BNA_F

ClientSampleId :

PPSP-B17-23.5-24.0

Tgt Ion:	228	Resp:	26570
Ion Ratio	Lower	Upper	
228	100		
226	43.3	23.7	35.5#
229	84.5	15.5	23.3#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 2250

Delta R.T. 0.000 min

Lab File: BF127404.D

Acq: 18 Mar 2022 21:17

Tgt Ion:	264	Resp:	168736
Ion Ratio	Lower	Upper	
264	100		
260	22.2	19.2	28.8
265	21.6	17.4	26.2

