

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083021\
 Data File : BF125276.D
 Acq On : 30 Aug 2021 22:37
 Operator : JU/CG
 Sample : M3561-17
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DAY-1

Quant Time: Aug 31 05:31:12 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 24 12:39:21 2021
 Response via : Initial Calibration

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

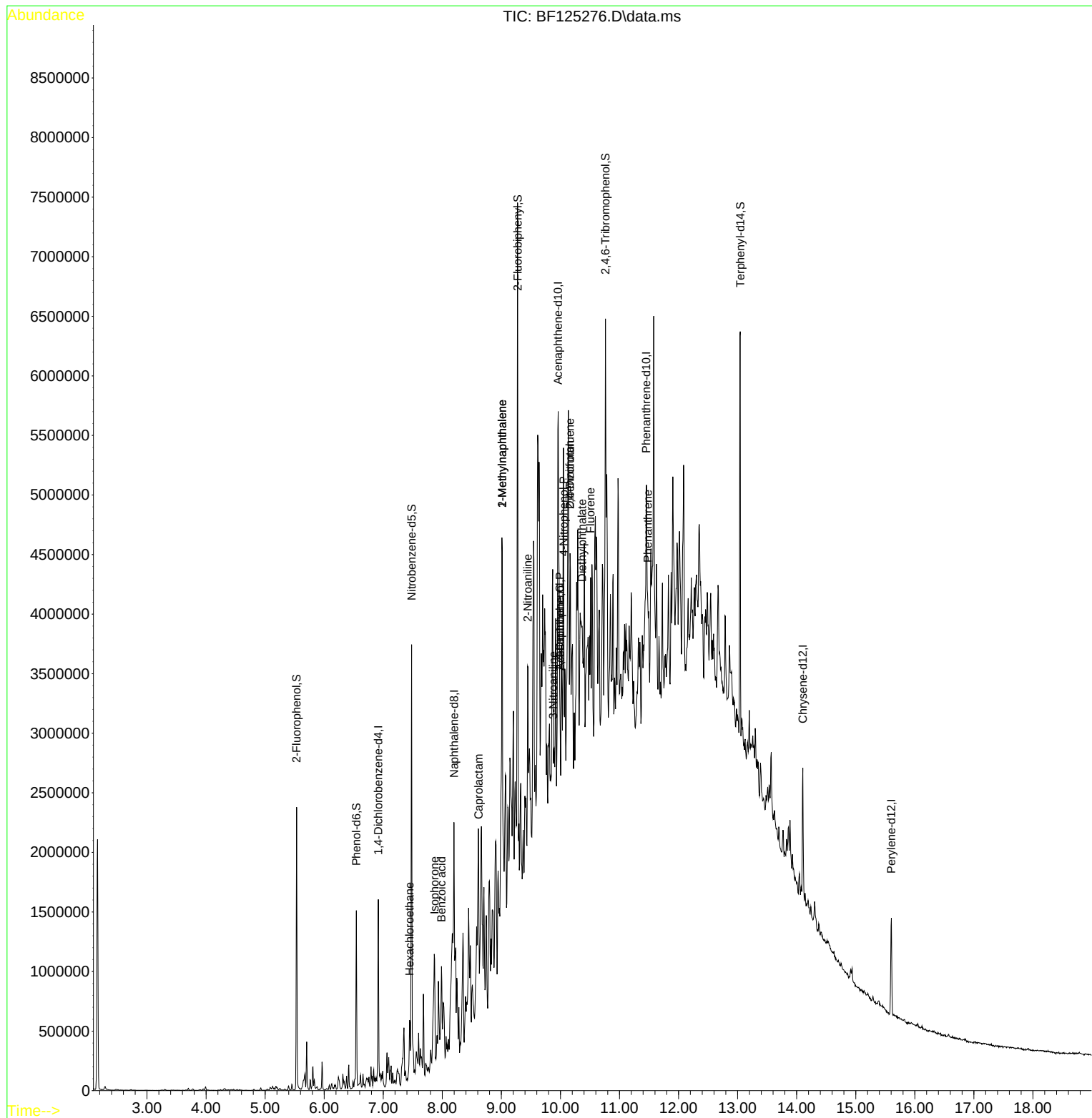
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	169225	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	634662	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	301673	20.000	ng	# 0.00
64) Phenanthrene-d10	11.451	188	477685	20.000	ng	# 0.01
76) Chrysene-d12	14.104	240	435357	20.000	ng	# 0.02
86) Perylene-d12	15.604	264	387941	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	572255	51.184	ng	0.00
7) Phenol-d6	6.545	99	460964	31.879	ng	0.00
23) Nitrobenzene-d5	7.481	82	991661	78.663	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	461965	153.407	ng	0.02
45) 2-Fluorobiphenyl	9.275	172	1727357	79.804	ng	0.00
79) Terphenyl-d14	13.045	244	1440898	52.726	ng	0.02
Target Compounds						Qvalue
18) Hexachloroethane	7.445	117	21725	4.711	ng	# 1
25) Isophorone	7.869	82	192272	7.906	ng	# 64
32) Benzoic acid	7.986	122	47358	7.266	ng	# 22
35) Caprolactam	8.616	113	30936	12.196	ng	# 1
37) 2-Methylnaphthalene	9.016	142	697290	32.465	ng	97
38) 1-Methylnaphthalene	9.016	142	697290	34.765	ng	97
48) 2-Nitroaniline	9.445	65	40595	6.626	ng	# 19
52) Acenaphthene	9.992	154	63080	3.533	ng	# 87
53) 3-Nitroaniline	9.880	138	25138	5.142	ng	# 35
54) 2,4-Dinitrophenol	9.992	184	4740	2.647	ng	# 1
55) Dibenzofuran	10.163	168	78092	3.039	ng	# 54
56) 4-Nitrophenol	10.057	139	21519	5.559	ng	# 1
57) 2,4-Dinitrotoluene	10.163	165	14870	2.710	ng	# 1
58) Fluorene	10.510	166	130575	6.874	ng	# 97
60) Diethylphthalate	10.369	149	59546	2.922	ng	# 34
71) Phenanthrene	11.480	178	126664	4.812	ng	# 74

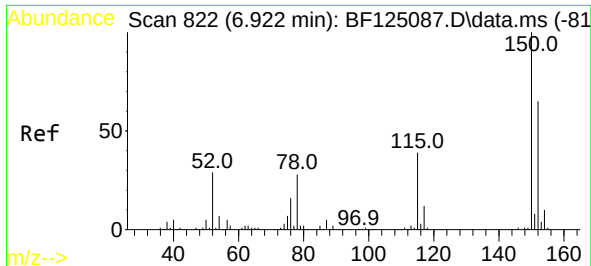
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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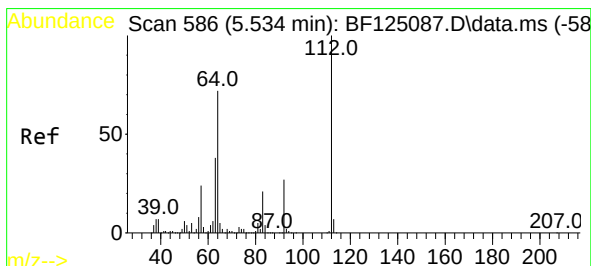
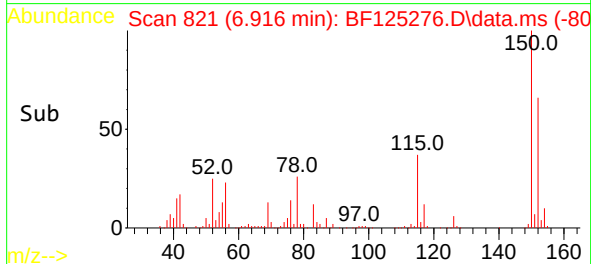
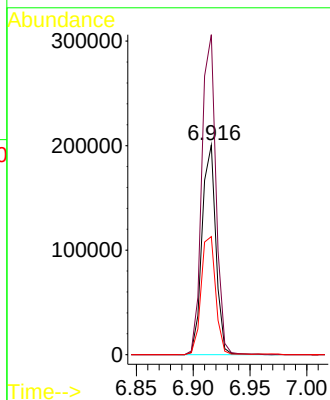
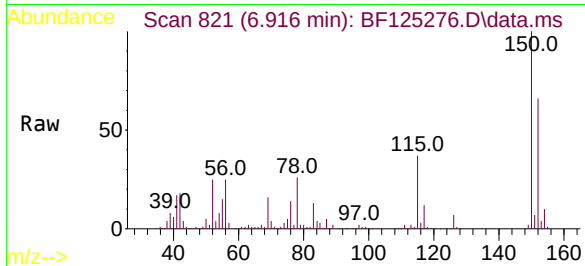




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF125276.D
Acq: 30 Aug 2021 22:37

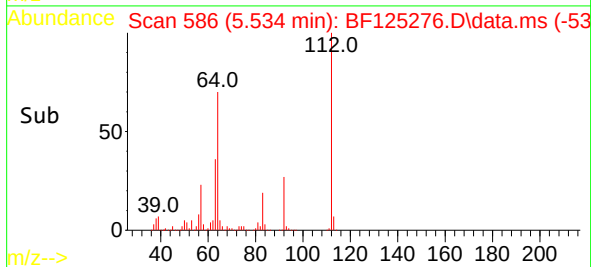
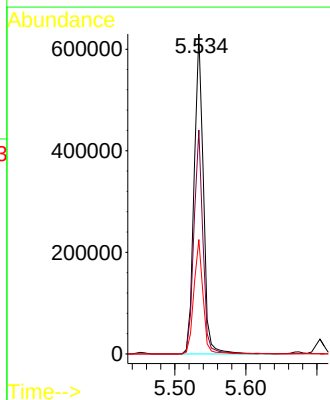
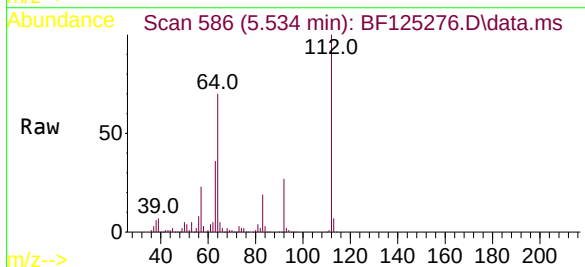
Instrument :
BNA_F
ClientSampleId :
DAY-1

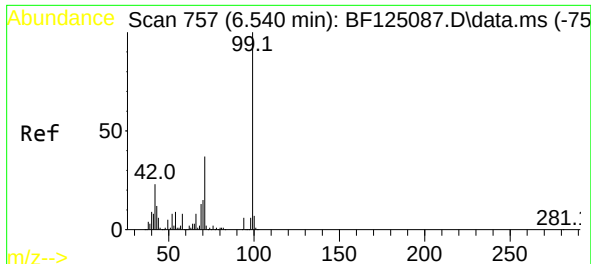
Tgt Ion:152 Resp: 169225
Ion Ratio Lower Upper
152 100
150 152.6 117.6 176.4
115 56.3 47.1 70.7



#5
2-Fluorophenol
Concen: 51.184 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.006 min
Lab File: BF125276.D
Acq: 30 Aug 2021 22:37

Tgt Ion:112 Resp: 572255
Ion Ratio Lower Upper
112 100
64 70.0 44.2 66.2#
63 35.8 26.2 39.2

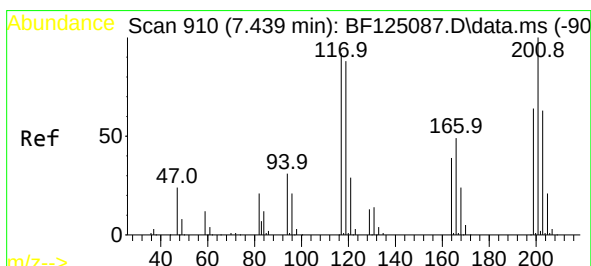
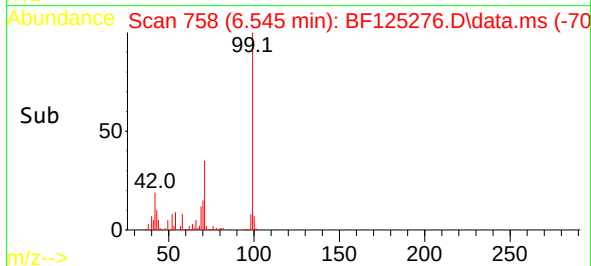
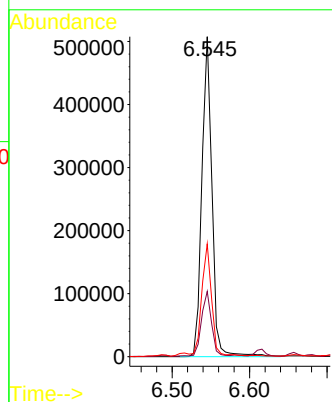
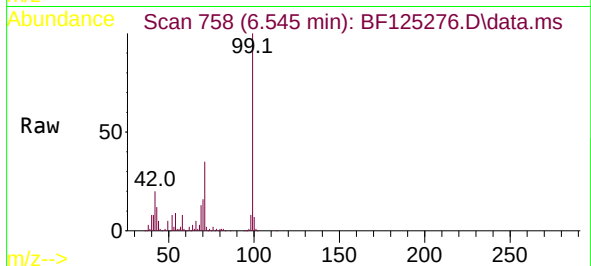




#7
Phenol-d6
Concen: 31.879 ng
RT: 6.545 min Scan# 758
Delta R.T. 0.006 min
Lab File: BF125276.D
Acq: 30 Aug 2021 22:37

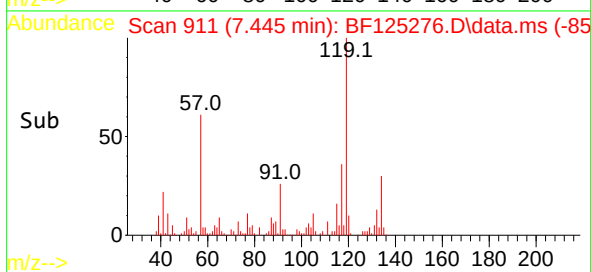
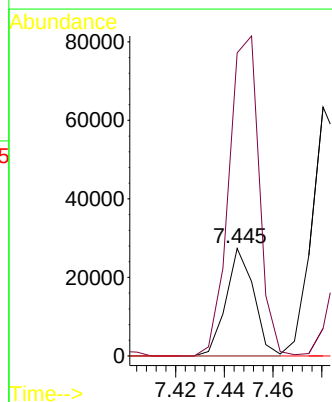
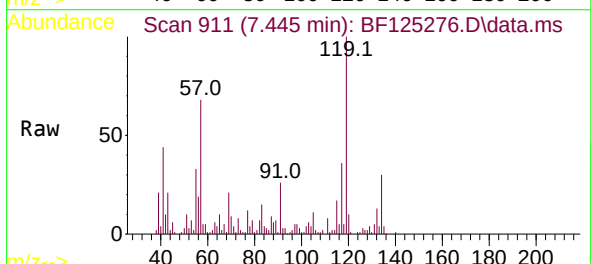
Instrument :
BNA_F
ClientSampleId :
DAY-1

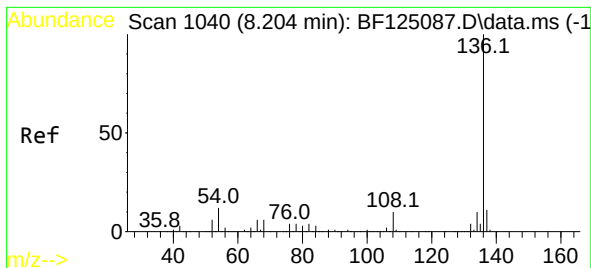
Tgt Ion: 99 Resp: 460964
Ion Ratio Lower Upper
99 100
42 20.4 23.5 35.3#
71 35.2 25.6 38.4



#18
Hexachloroethane
Concen: 4.711 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.012 min
Lab File: BF125276.D
Acq: 30 Aug 2021 22:37

Tgt Ion: 117 Resp: 21725
Ion Ratio Lower Upper
117 100
119 281.6 73.4 110.2#
201 0.0 64.9 97.3#

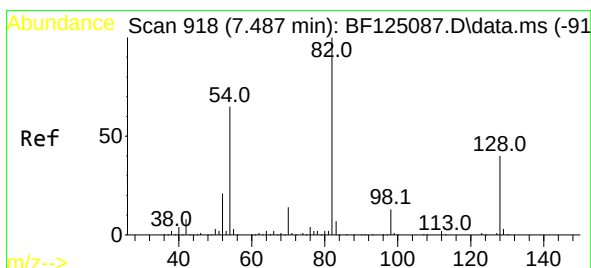
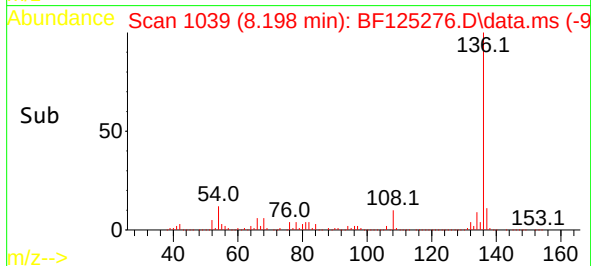
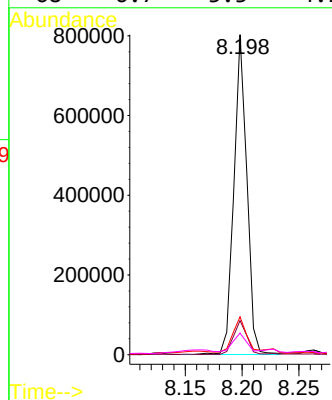
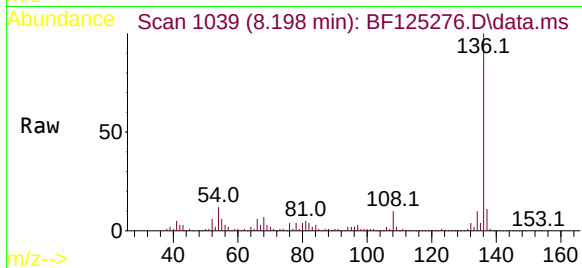




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF125276.D
Acq: 30 Aug 2021 22:37

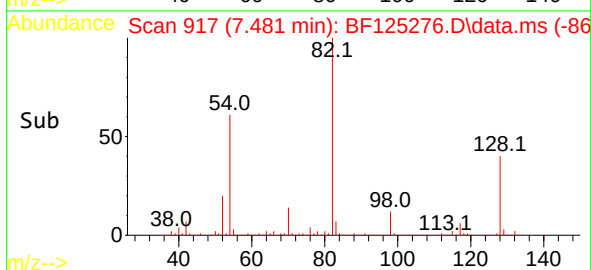
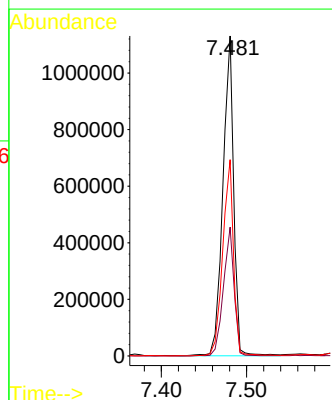
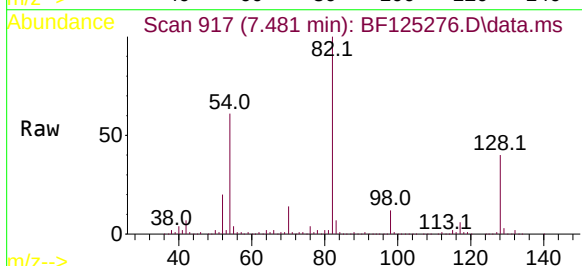
Instrument :
BNA_F
ClientSampled :
DAY-1

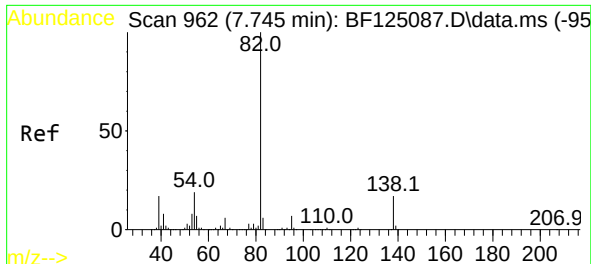
Tgt Ion:136 Resp: 634662
Ion Ratio Lower Upper
136 100
137 10.7 9.8 14.6
54 11.8 6.4 9.6#
68 6.7 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 78.663 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.000 min
Lab File: BF125276.D
Acq: 30 Aug 2021 22:37

Tgt Ion: 82 Resp: 991661
Ion Ratio Lower Upper
82 100
128 40.3 40.6 60.8#
54 61.3 49.6 74.4

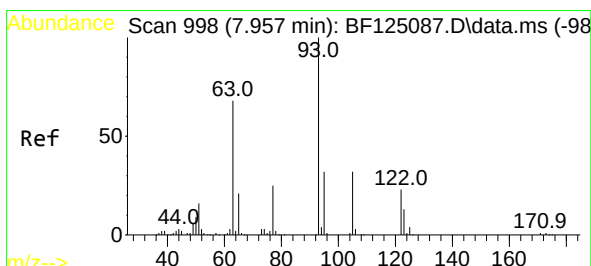
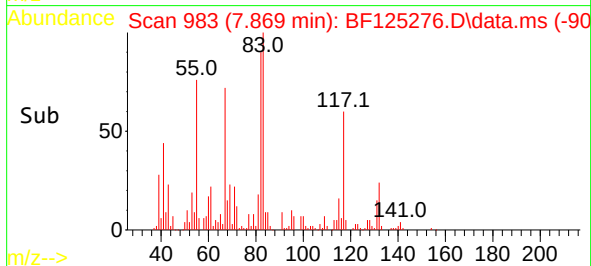
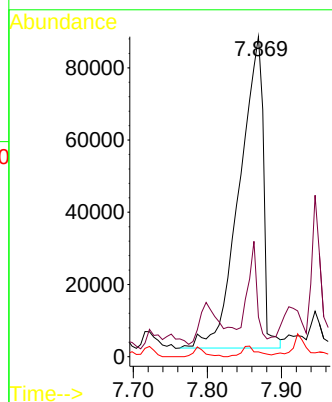
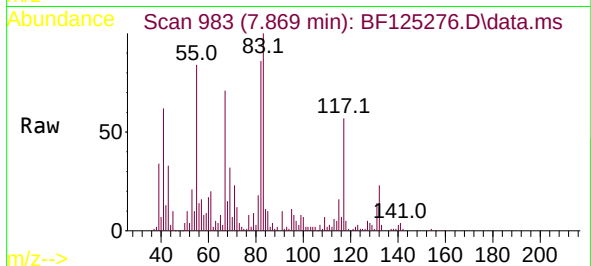




#25
Isophorone
Concen: 7.906 ng
RT: 7.869 min Scan# 983
Delta R.T. 0.135 min
Lab File: BF125276.D
Acq: 30 Aug 2021 22:37

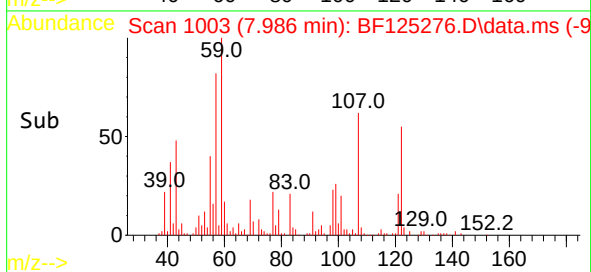
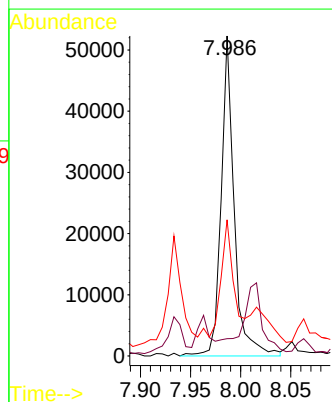
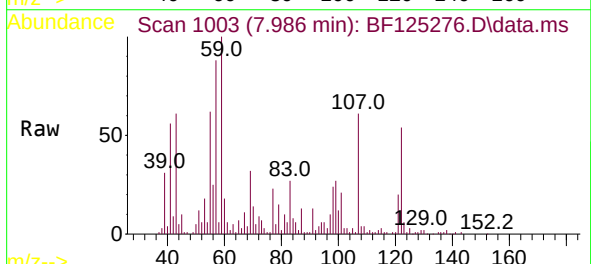
Instrument :
BNA_F
ClientSampled :
DAY-1

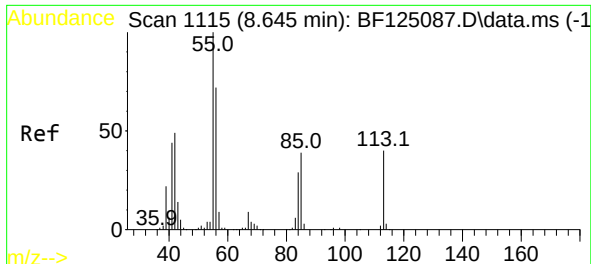
Tgt Ion: 82 Resp: 192272
Ion Ratio Lower Upper
82 100
95 12.4 6.5 9.7#
138 1.5 18.4 27.6#



#32
Benzoic acid
Concen: 7.266 ng
RT: 7.986 min Scan# 1003
Delta R.T. 0.041 min
Lab File: BF125276.D
Acq: 30 Aug 2021 22:37

Tgt Ion: 122 Resp: 47358
Ion Ratio Lower Upper
122 100
105 5.4 97.6 137.6#
77 42.6 59.6 99.6#

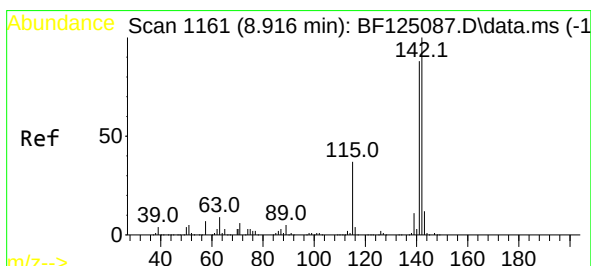
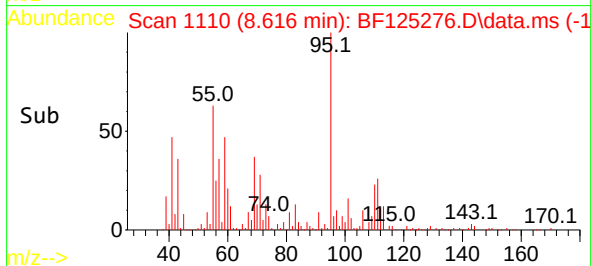
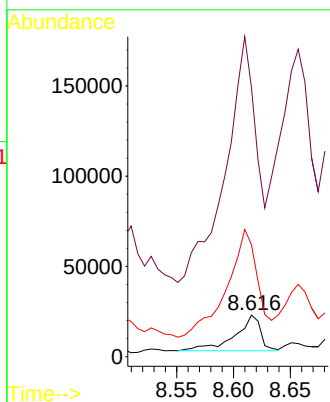
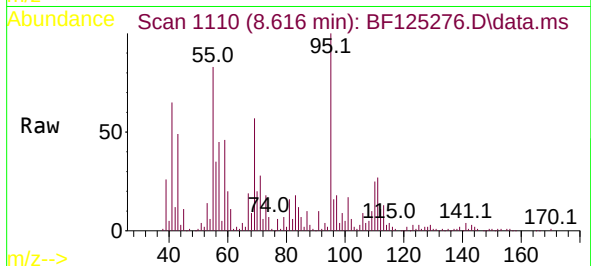




#35
Caprolactam
Concen: 12.196 ng
RT: 8.616 min Scan# 1110
Delta R.T. -0.012 min
Lab File: BF125276.D
Acq: 30 Aug 2021 22:37

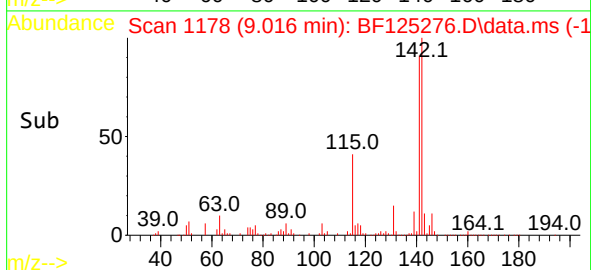
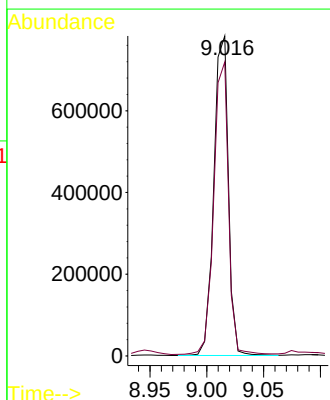
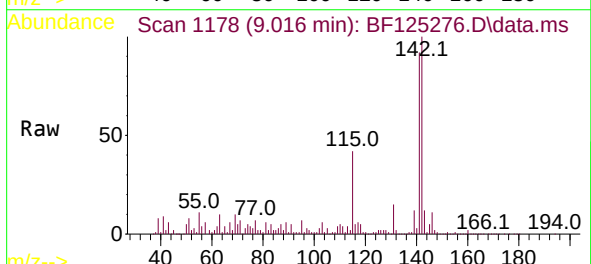
Instrument :
BNA_F
ClientSampled :
DAY-1

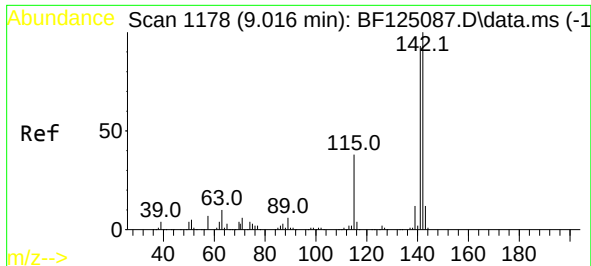
Tgt Ion:113 Resp: 30936
Ion Ratio Lower Upper
113 100
55 646.5 154.1 194.1#
56 269.3 108.7 148.7#



#37
2-Methylnaphthalene
Concen: 32.465 ng
RT: 9.016 min Scan# 1178
Delta R.T. 0.106 min
Lab File: BF125276.D
Acq: 30 Aug 2021 22:37

Tgt Ion:142 Resp: 697290
Ion Ratio Lower Upper
142 100
141 91.8 71.2 106.8

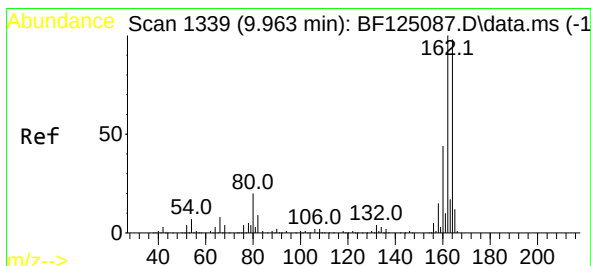
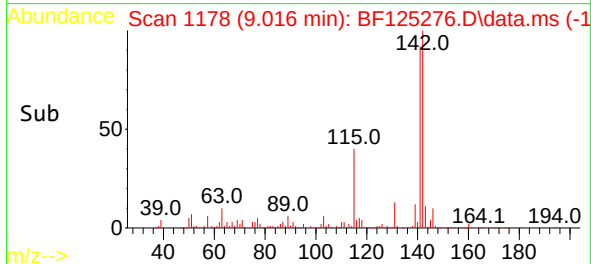
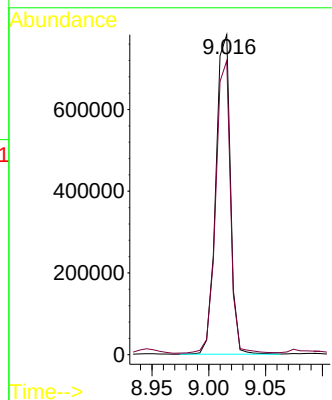
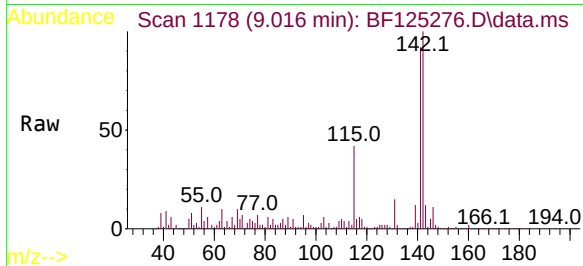




#38
1-Methylnaphthalene
Concen: 34.765 ng
RT: 9.016 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BF125276.D
Acq: 30 Aug 2021 22:37

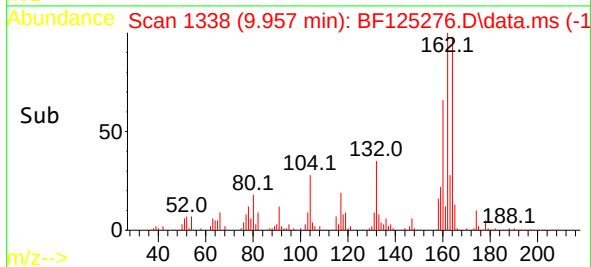
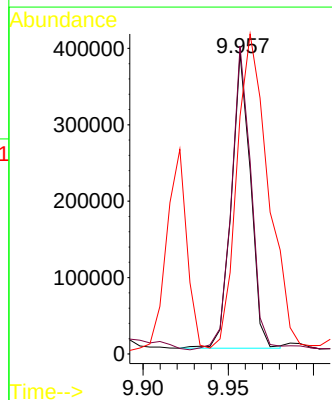
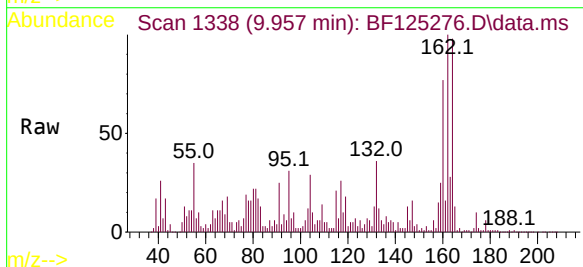
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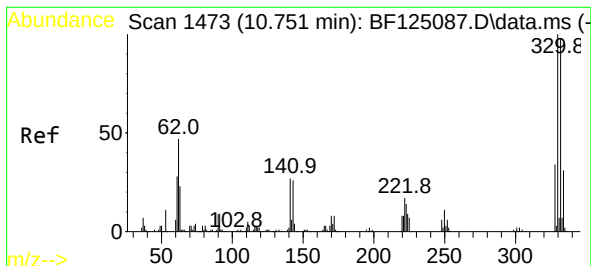
Tgt Ion:142 Resp: 697290
Ion Ratio Lower Upper
142 100
141 91.8 76.0 114.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.006 min
Lab File: BF125276.D
Acq: 30 Aug 2021 22:37

Tgt Ion:164 Resp: 301673
Ion Ratio Lower Upper
164 100
162 102.4 81.3 121.9
160 79.0 38.0 57.0#

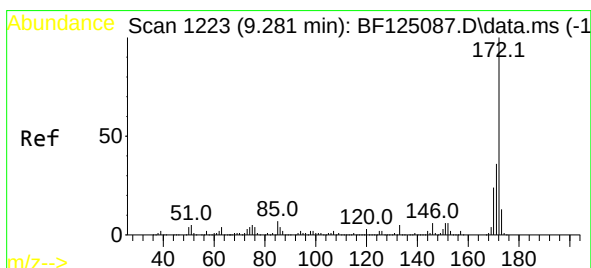
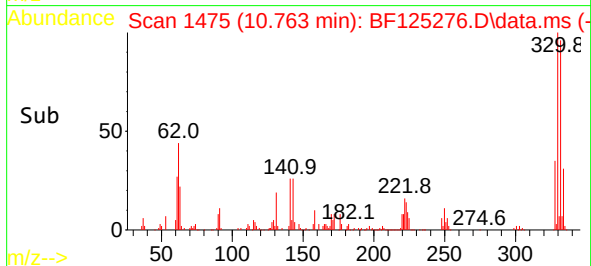
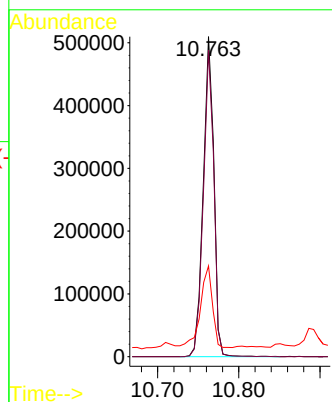
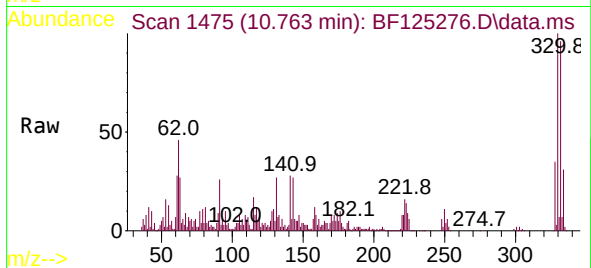




#42
2,4,6-Tribromophenol
Concen: 153.407 ng
RT: 10.763 min Scan# 1475
Delta R.T. 0.024 min
Lab File: BF125276.D
Acq: 30 Aug 2021 22:37

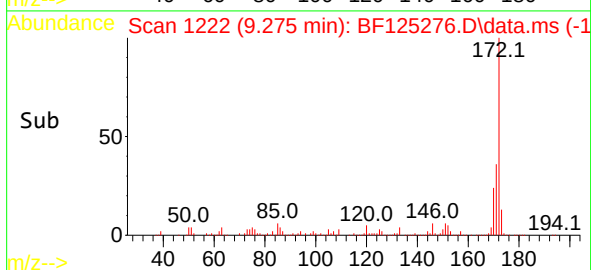
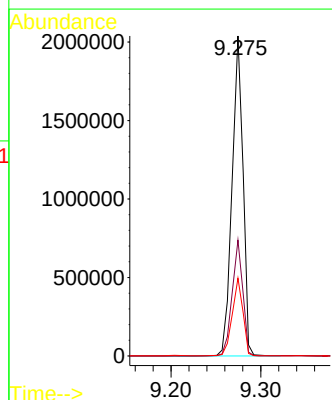
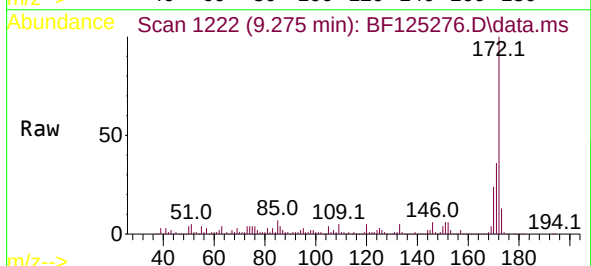
Instrument :
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ClientSampleId :
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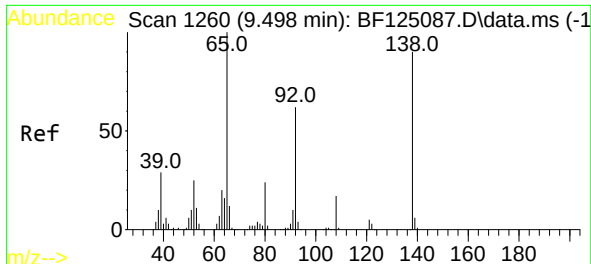
Tgt Ion:330 Resp: 461965
Ion Ratio Lower Upper
330 100
332 94.9 76.2 114.4
141 28.9 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 79.804 ng
RT: 9.275 min Scan# 1222
Delta R.T. 0.000 min
Lab File: BF125276.D
Acq: 30 Aug 2021 22:37

Tgt Ion:172 Resp: 1727357
Ion Ratio Lower Upper
172 100
171 36.2 26.5 39.7
170 24.3 18.8 28.2

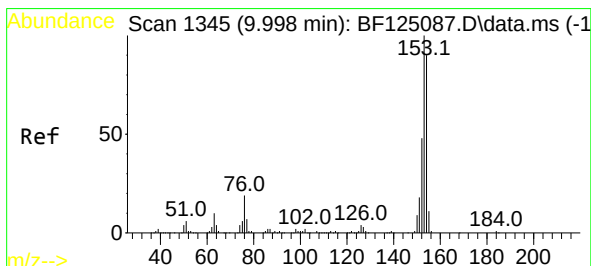
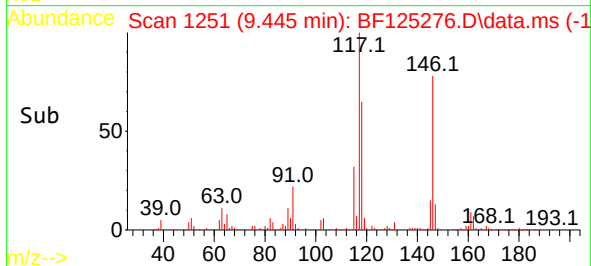
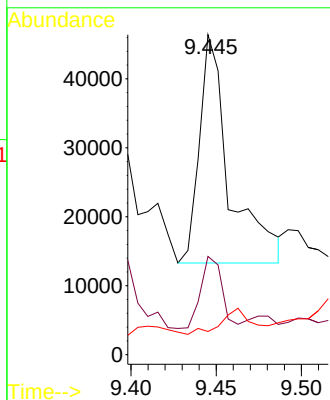
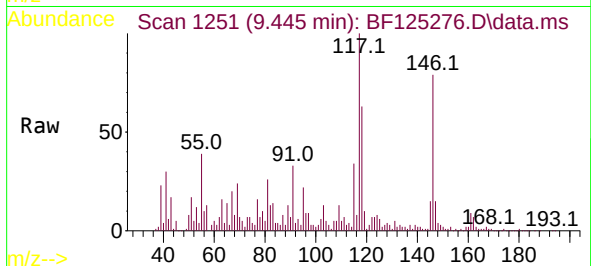




#48
2-Nitroaniline
Concen: 6.626 ng
RT: 9.445 min Scan# 1251
Delta R.T. -0.047 min
Lab File: BF125276.D
Acq: 30 Aug 2021 22:37

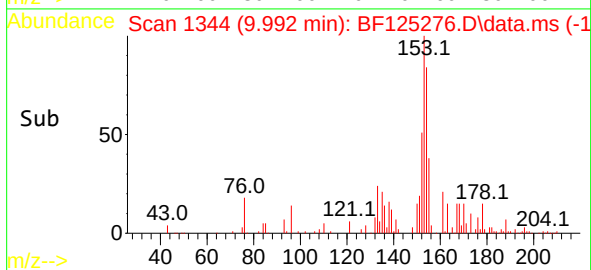
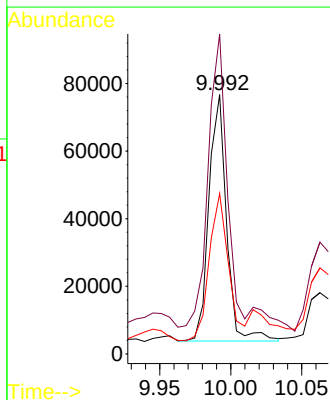
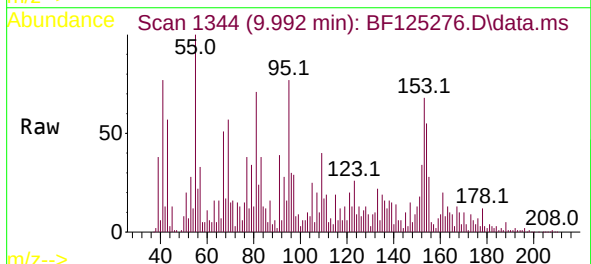
Instrument :
BNA_F
ClientSampled :
DAY-1

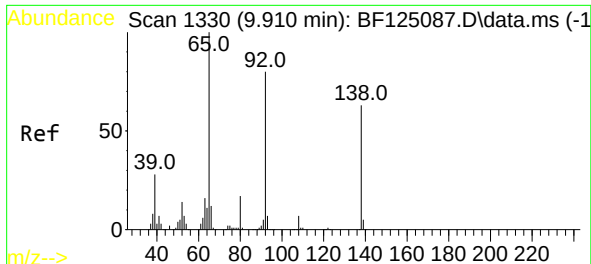
Tgt Ion: 65 Resp: 40595
Ion Ratio Lower Upper
65 100
92 30.7 55.5 83.3#
138 7.2 93.5 140.3#



#52
Acenaphthene
Concen: 3.533 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.006 min
Lab File: BF125276.D
Acq: 30 Aug 2021 22:37

Tgt Ion: 154 Resp: 63080
Ion Ratio Lower Upper
154 100
153 123.4 89.4 134.2
152 61.9 40.5 60.7#

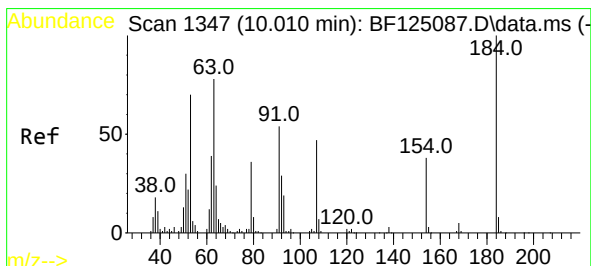
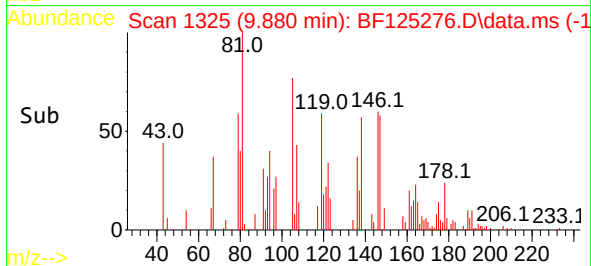
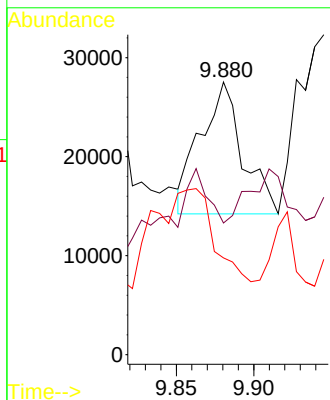
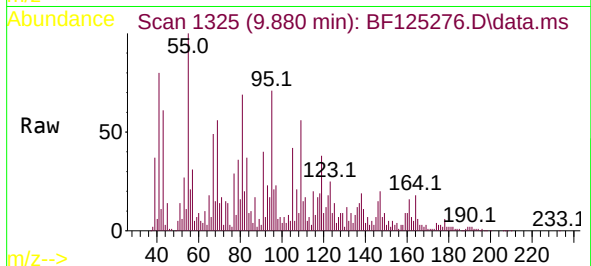




#53
3-Nitroaniline
Concen: 5.142 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.024 min
Lab File: BF125276.D
Acq: 30 Aug 2021 22:37

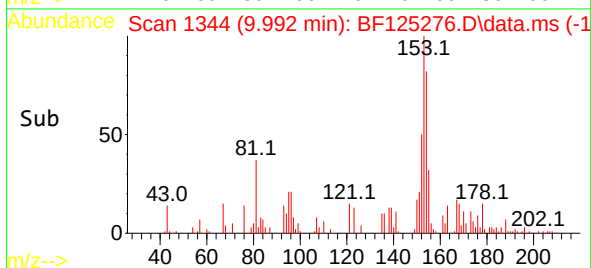
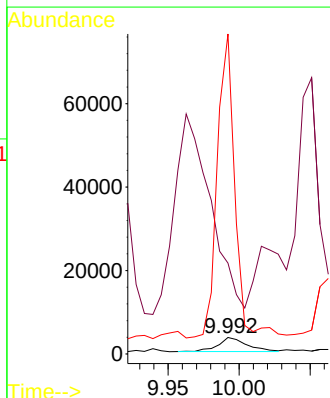
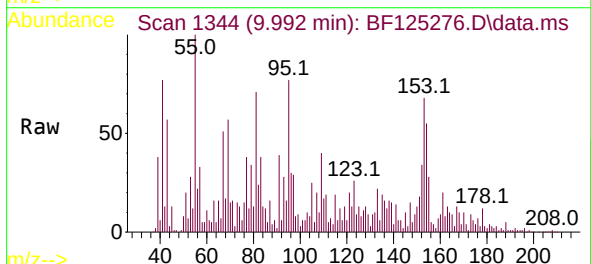
Instrument :
BNA_F
ClientSampled :
DAY-1

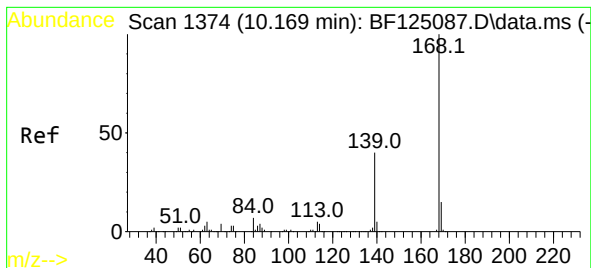
Tgt Ion:138 Resp: 25138
Ion Ratio Lower Upper
138 100
108 48.3 9.3 13.9#
92 35.5 76.5 114.7#



#54
2,4-Dinitrophenol
Concen: 2.647 ng
RT: 9.992 min Scan# 1344
Delta R.T. -0.012 min
Lab File: BF125276.D
Acq: 30 Aug 2021 22:37

Tgt Ion:184 Resp: 4740
Ion Ratio Lower Upper
184 100
63 552.4 59.3 88.9#
154 1944.7 68.6 102.8#

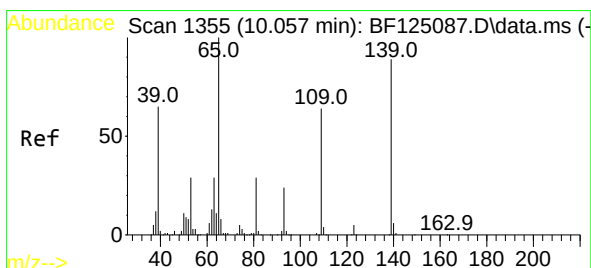
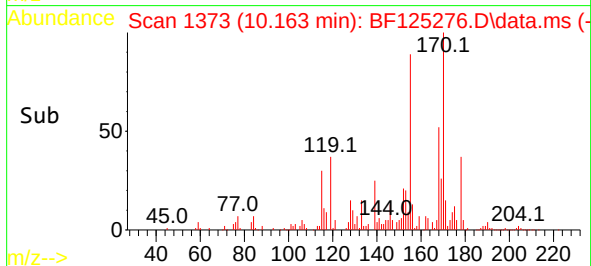
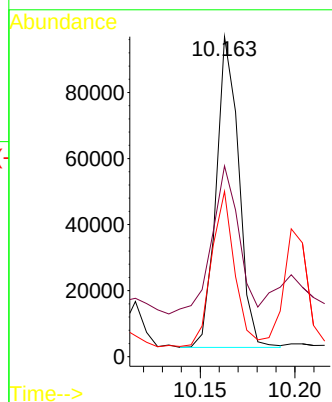
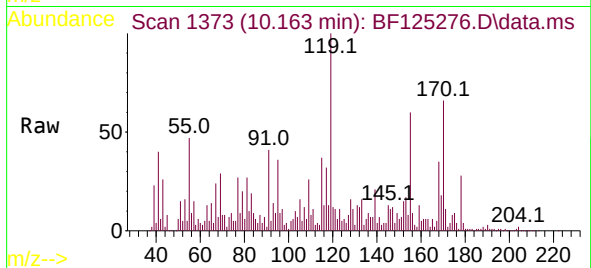




#55
Dibenzenofuran
Concen: 3.039 ng
RT: 10.163 min Scan# 1373
Delta R.T. 0.006 min
Lab File: BF125276.D
Acq: 30 Aug 2021 22:37

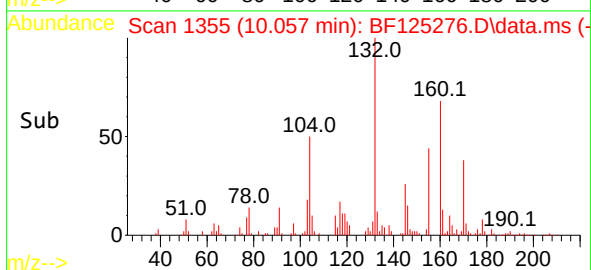
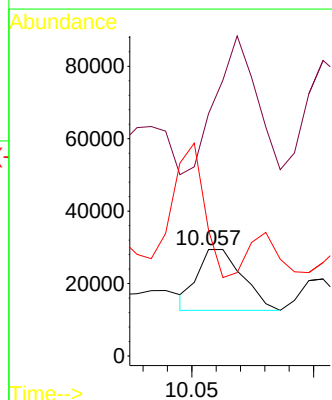
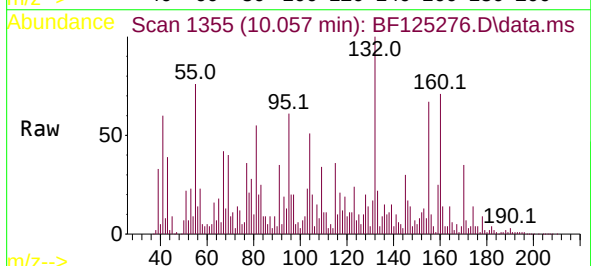
Instrument :
BNA_F
ClientSampled :
DAY-1

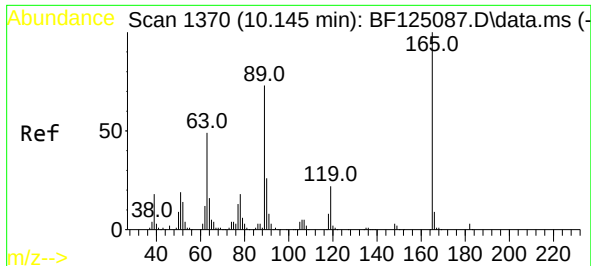
Tgt Ion:168 Resp: 78092
Ion Ratio Lower Upper
168 100
139 59.6 32.7 49.1#
169 51.7 11.2 16.8#



#56
4-Nitrophenol
Concen: 5.559 ng
RT: 10.057 min Scan# 1355
Delta R.T. 0.006 min
Lab File: BF125276.D
Acq: 30 Aug 2021 22:37

Tgt Ion:139 Resp: 21519
Ion Ratio Lower Upper
139 100
109 227.7 60.4 100.4#
65 118.3 58.4 98.4#

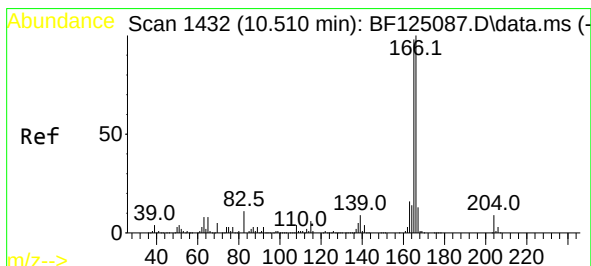
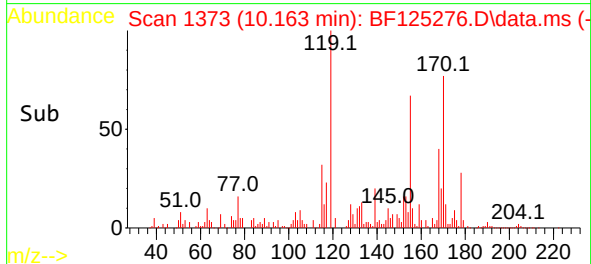
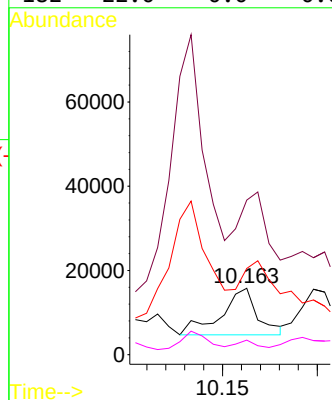
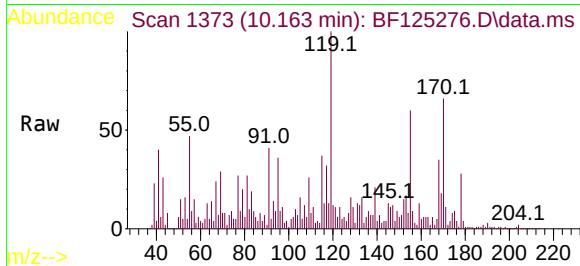




#57
2,4-Dinitrotoluene
Concen: 2.710 ng
RT: 10.163 min Scan# 1373
Delta R.T. 0.029 min
Lab File: BF125276.D
Acq: 30 Aug 2021 22:37

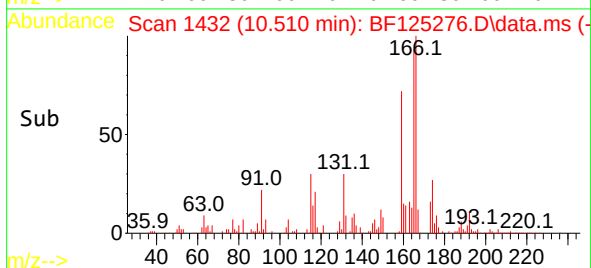
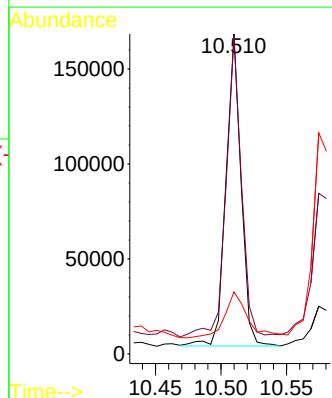
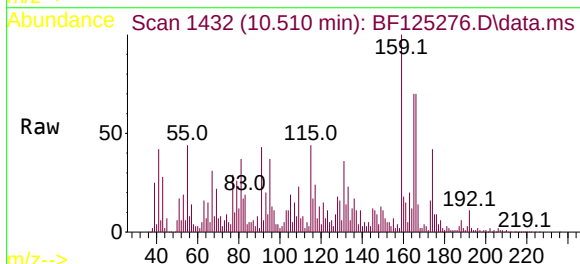
Instrument :
BNA_F
ClientSampled :
DAY-1

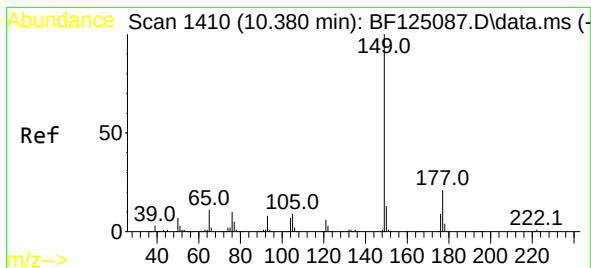
Tgt Ion:165 Resp: 14870
Ion Ratio Lower Upper
165 100
63 232.9 40.9 61.3#
89 130.0 59.7 89.5#
182 22.0 0.0 0.0#



#58
Fluorene
Concen: 6.874 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF125276.D
Acq: 30 Aug 2021 22:37

Tgt Ion:166 Resp: 130575
Ion Ratio Lower Upper
166 100
165 99.4 78.1 117.1
167 19.4 11.1 16.7#

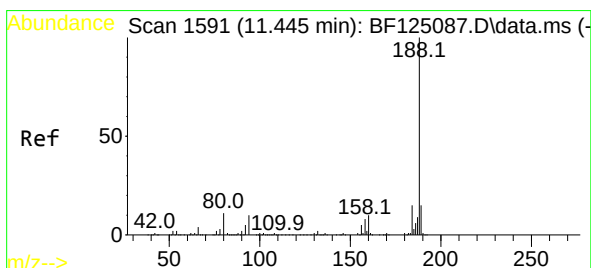
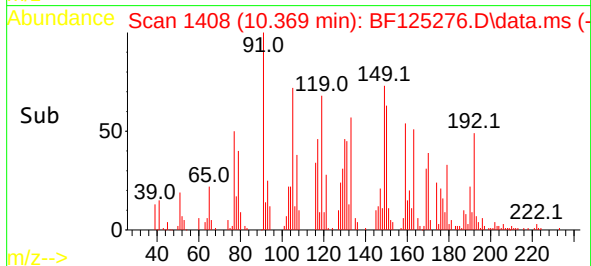
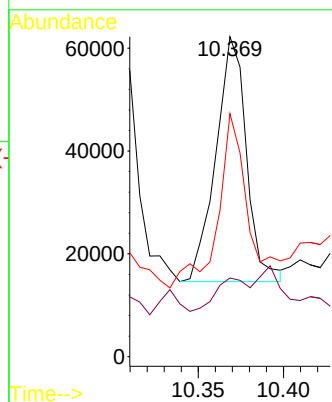
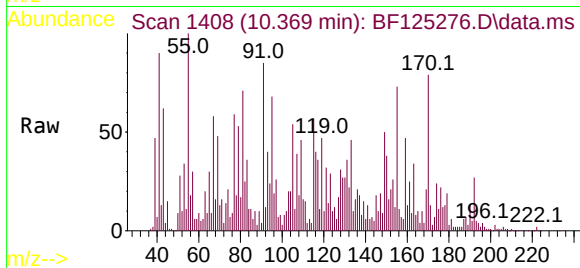




#60
Diethylphthalate
Concen: 2.922 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF125276.D
Acq: 30 Aug 2021 22:37

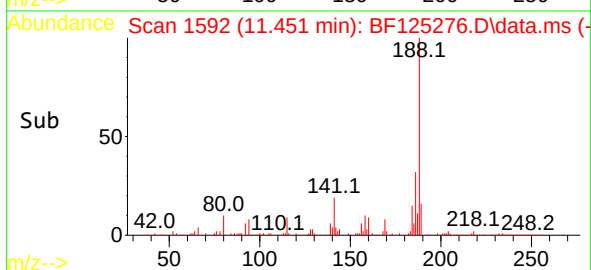
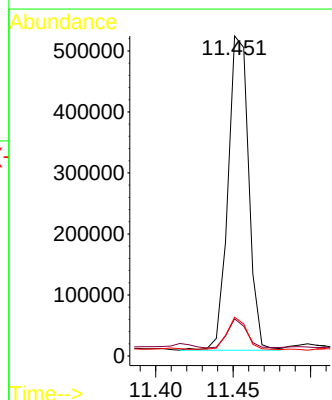
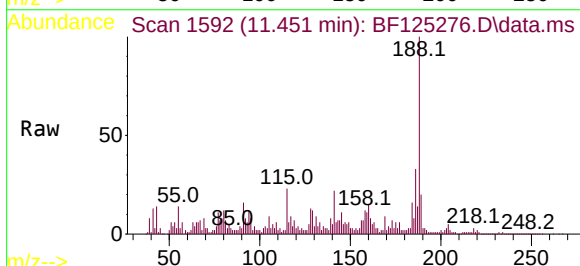
Instrument :
BNA_F
ClientSampled :
DAY-1

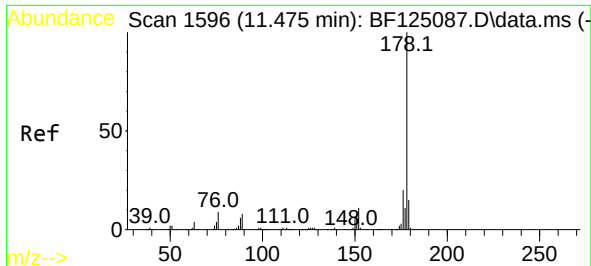
Tgt Ion:149 Resp: 59546
Ion Ratio Lower Upper
149 100
177 24.6 16.5 24.7
150 76.0 10.1 15.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1592
Delta R.T. 0.012 min
Lab File: BF125276.D
Acq: 30 Aug 2021 22:37

Tgt Ion:188 Resp: 477685
Ion Ratio Lower Upper
188 100
94 11.6 6.7 10.1#
80 12.1 7.5 11.3#

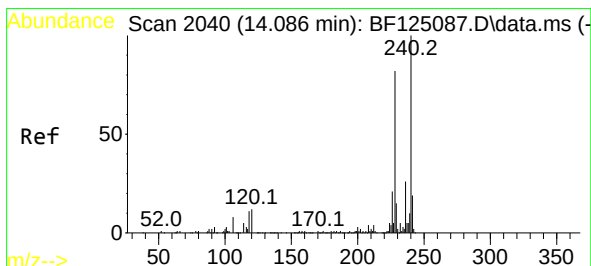
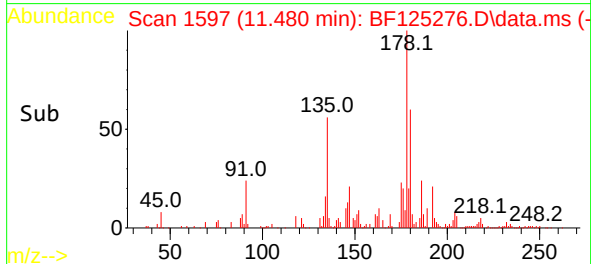
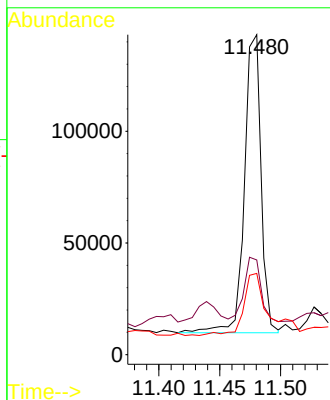
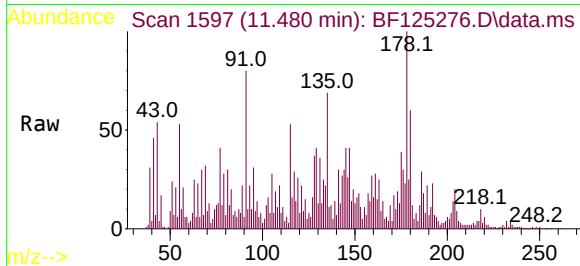




#71
Phenanthrene
Concen: 4.812 ng
RT: 11.480 min Scan# 1597
Delta R.T. 0.018 min
Lab File: BF125276.D
Acq: 30 Aug 2021 22:37

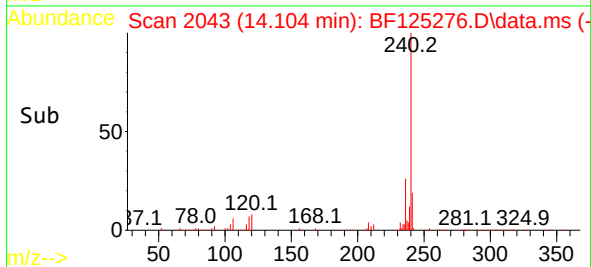
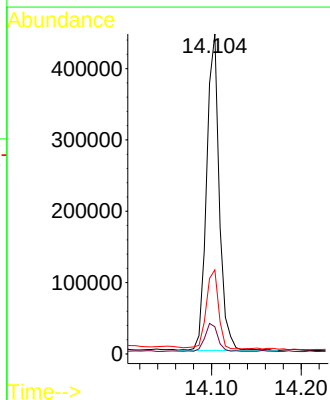
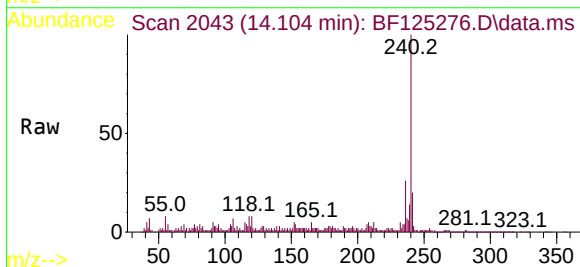
Instrument :
BNA_F
ClientSampled :
DAY-1

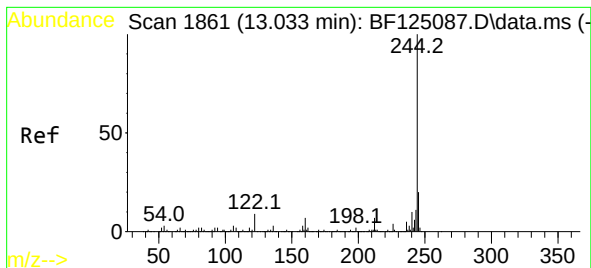
Tgt Ion:178 Resp: 126664
Ion Ratio Lower Upper
178 100
176 29.6 14.7 22.1#
179 25.4 11.5 17.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2043
Delta R.T. 0.024 min
Lab File: BF125276.D
Acq: 30 Aug 2021 22:37

Tgt Ion:240 Resp: 435357
Ion Ratio Lower Upper
240 100
120 8.5 10.8 16.2#
236 26.3 21.6 32.4





#79

Terphenyl-d14

Concen: 52.726 ng

RT: 13.045 min Scan# 1863

Delta R.T. 0.024 min

Lab File: BF125276.D

Acq: 30 Aug 2021 22:37

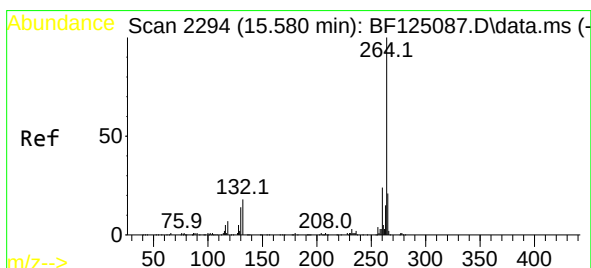
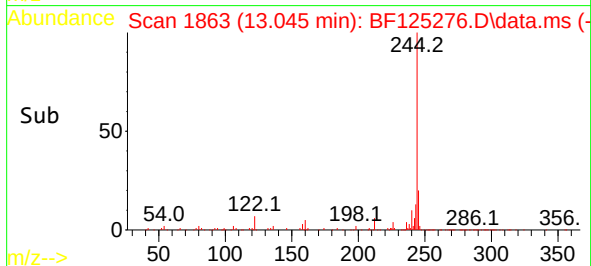
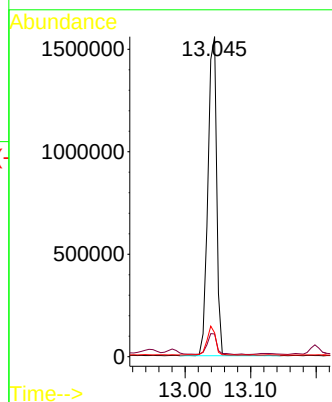
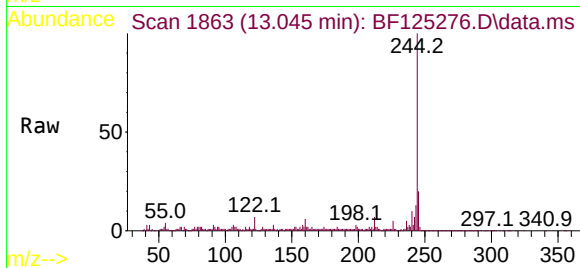
Tgt Ion:244 Resp: 1440898

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

122 7.4 9.0 13.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.604 min Scan# 2298

Delta R.T. 0.029 min

Lab File: BF125276.D

Acq: 30 Aug 2021 22:37

Tgt Ion:264 Resp: 387941

Ion Ratio Lower Upper

264 100

260 23.6 19.6 29.4

265 22.1 17.2 25.8

