

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081021\
 Data File : BF125050.D
 Acq On : 11 Aug 2021 2:03
 Operator : JU/CG
 Sample : M3281-01DL 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWP03DL

Quant Time: Aug 11 04:18:01 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 10 11:32:36 2021
 Response via : Initial Calibration

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

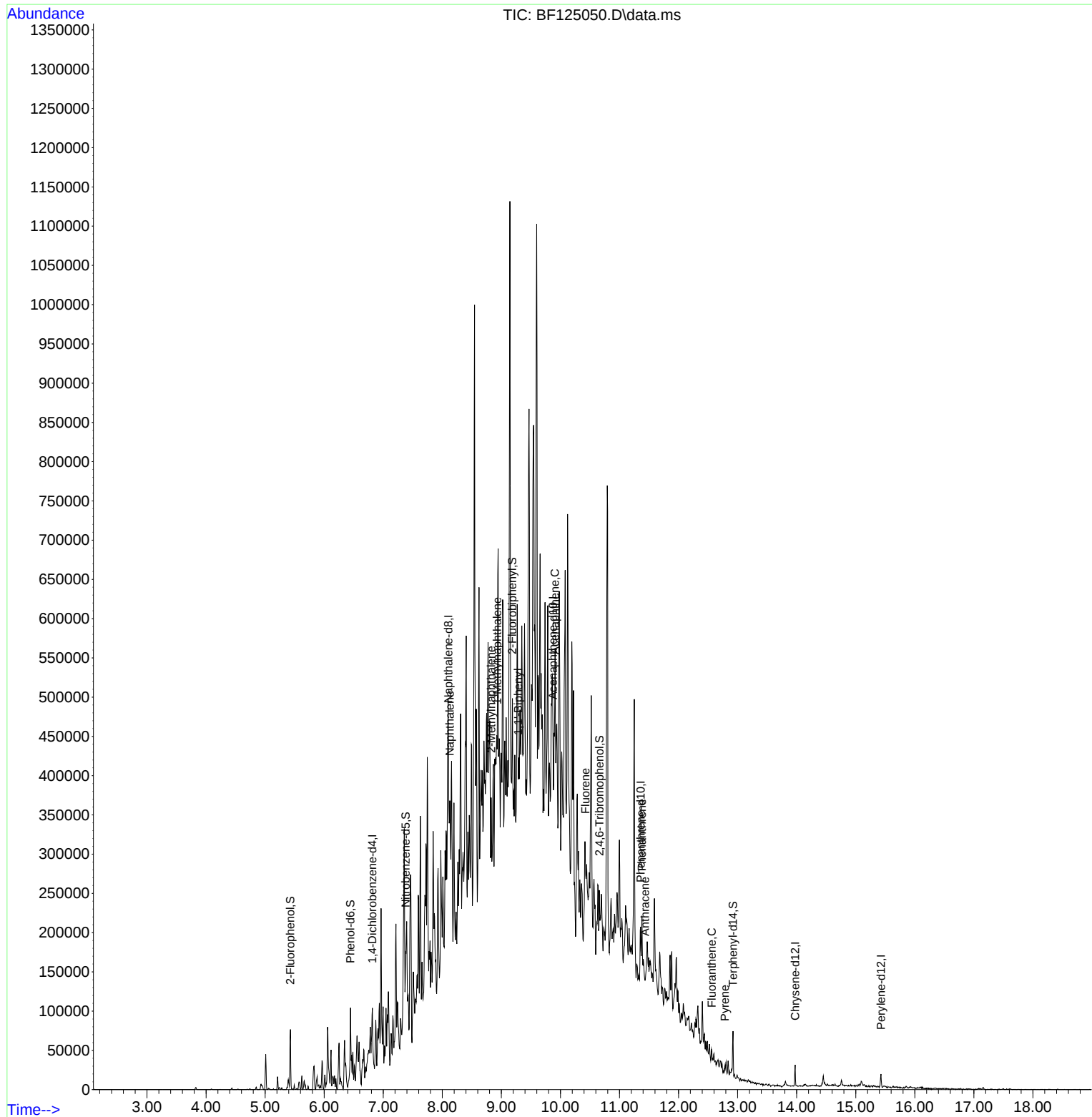
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	7508	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	25978	20.000	ng	# 0.00
39) Acenaphthene-d10	9.874	164	12123	20.000	ng	0.02
64) Phenanthrene-d10	11.357	188	10164	20.000	ng	# 0.02
76) Chrysene-d12	13.974	240	9254	20.000	ng	# 0.00
86) Perylene-d12	15.427	264	6927	20.000	ng	# 0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	18859	41.147	ng	0.00
7) Phenol-d6	6.445	99	23838	41.247	ng	0.00
23) Nitrobenzene-d5	7.381	82	19998	40.271	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	2099	19.380	ng	0.02
45) 2-Fluorobiphenyl	9.186	172	30097	36.327	ng	0.01
79) Terphenyl-d14	12.921	244	16064	29.282	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.128	128	15591	11.681	ng	# 79
37) 2-Methylnaphthalene	8.828	142	25207	28.089	ng	99
38) 1-Methylnaphthalene	8.928	142	16953	20.190	ng	97
46) 1,1'-Biphenyl	9.286	154	2554	2.827	ng	82
52) Acenaphthene	9.904	154	7205	10.886	ng	# 79
58) Fluorene	10.422	166	9612	12.119	ng	# 85
71) Phenanthrene	11.380	178	22248	40.351	ng	# 94
72) Anthracene	11.433	178	1620	2.929	ng	# 50
75) Fluoranthene	12.563	202	2100	3.682	ng	61
78) Pyrene	12.786	202	3382	4.640	ng	# 85

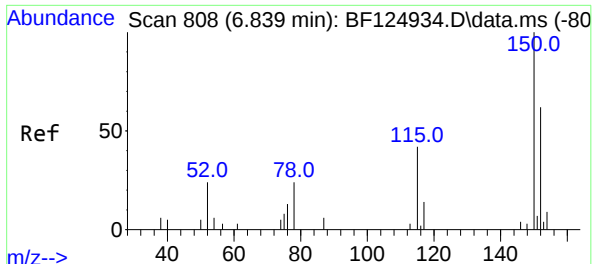
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 19 Sample Multiplier: 1

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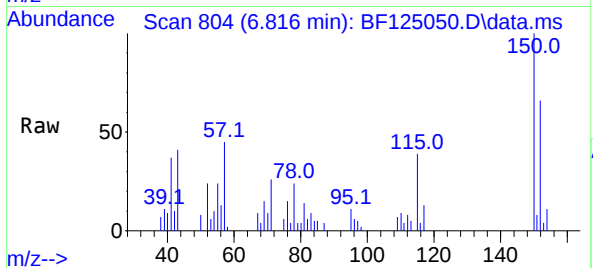
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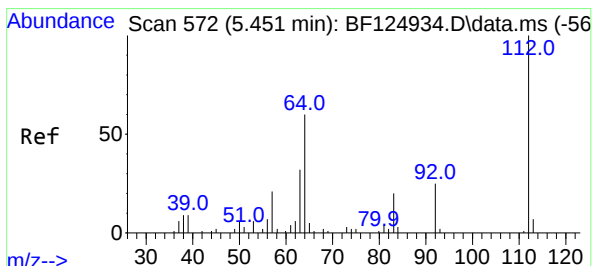
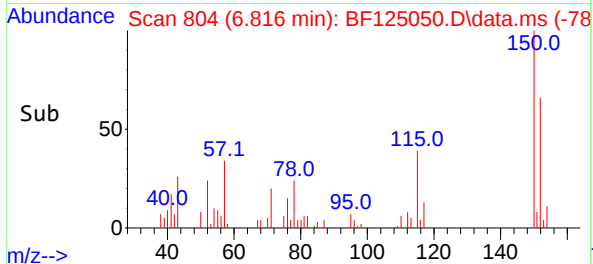
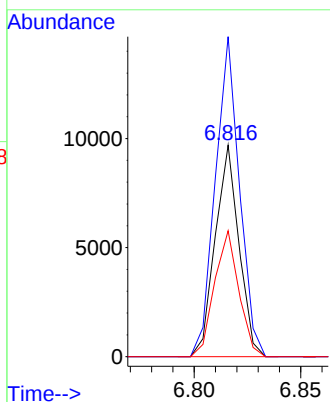


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF125050.D
Acq: 11 Aug 2021 2:03

Instrument :
BNA_F
ClientSampleId :
TWP03DL

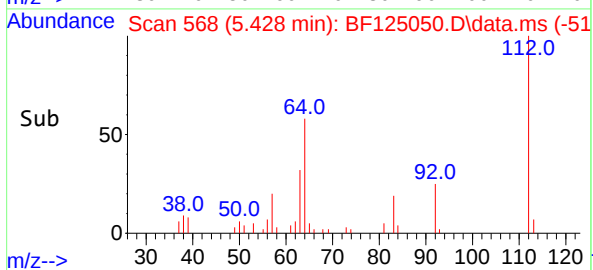
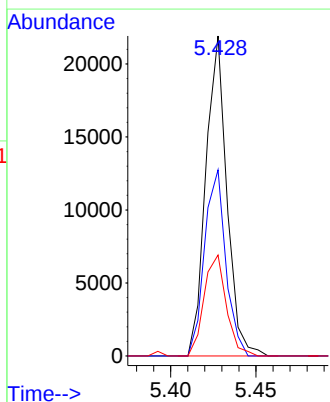
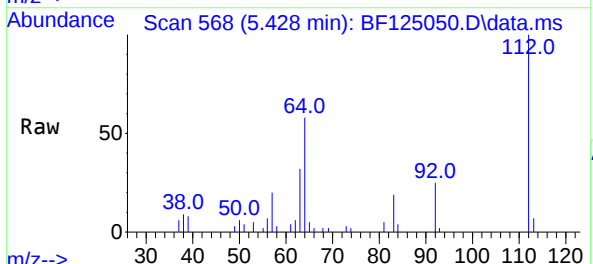


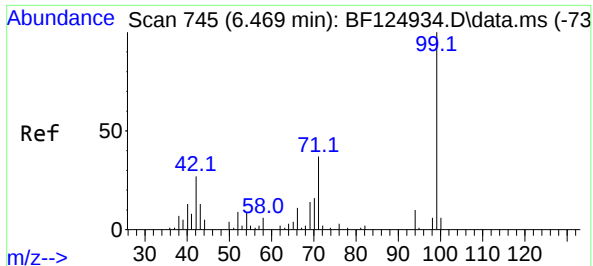
Tgt Ion:152 Resp: 7508
Ion Ratio Lower Upper
152 100
150 151.2 117.6 176.4
115 59.5 47.1 70.7



#5
2-Fluorophenol
Concen: 41.147 ng
RT: 5.428 min Scan# 568
Delta R.T. -0.006 min
Lab File: BF125050.D
Acq: 11 Aug 2021 2:03

Tgt Ion:112 Resp: 18859
Ion Ratio Lower Upper
112 100
64 58.2 44.2 66.2
63 31.6 26.2 39.2

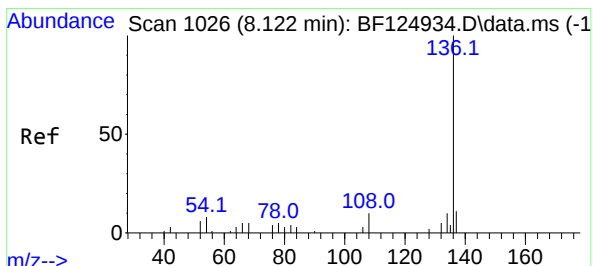
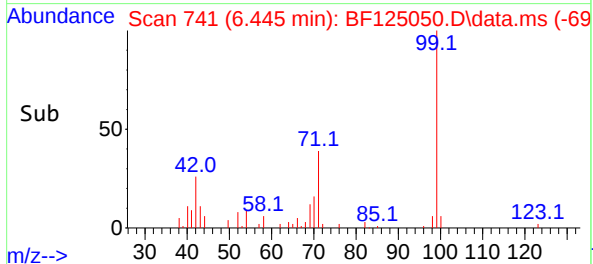
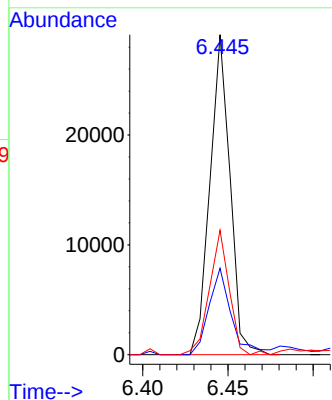
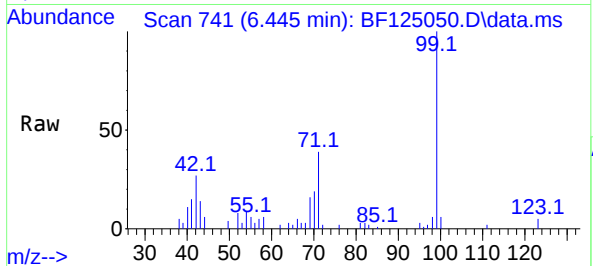




#7
Phenol-d6
Concen: 41.247 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF125050.D
Acq: 11 Aug 2021 2:03

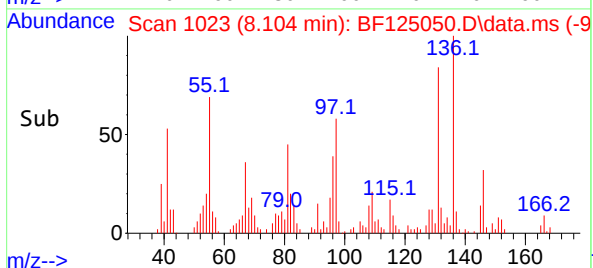
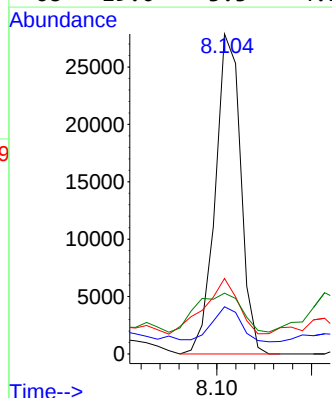
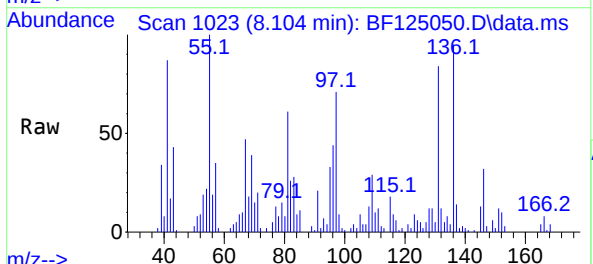
Instrument :
BNA_F
ClientSampleId :
TWP03DL

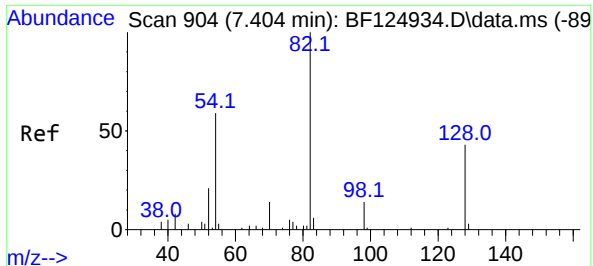
Tgt Ion:	99	Resp:	23838
Ion	Ratio	Lower	Upper
99	100		
42	27.0	23.5	35.3
71	38.9	25.6	38.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.006 min
Lab File: BF125050.D
Acq: 11 Aug 2021 2:03

Tgt Ion:	136	Resp:	25978
Ion	Ratio	Lower	Upper
136	100		
137	14.8	9.8	14.6#
54	23.6	6.4	9.6#
68	19.0	3.3	4.9#

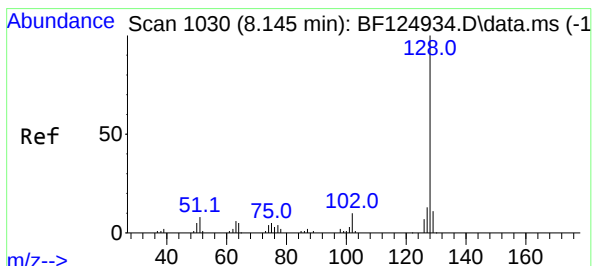
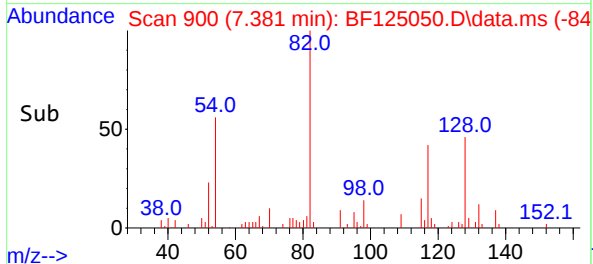
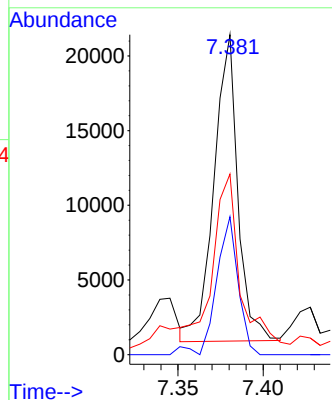
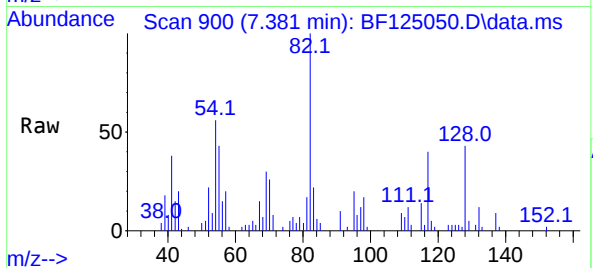




#23
Nitrobenzene-d5
Concen: 40.271 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.000 min
Lab File: BF125050.D
Acq: 11 Aug 2021 2:03

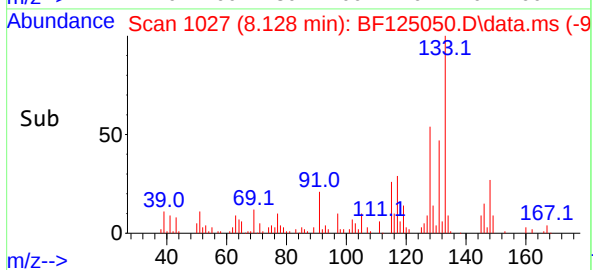
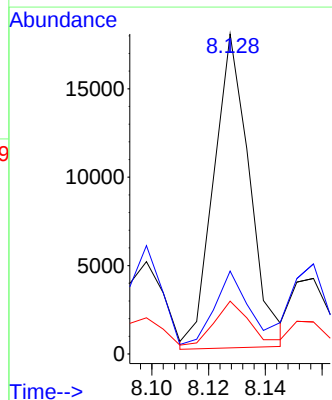
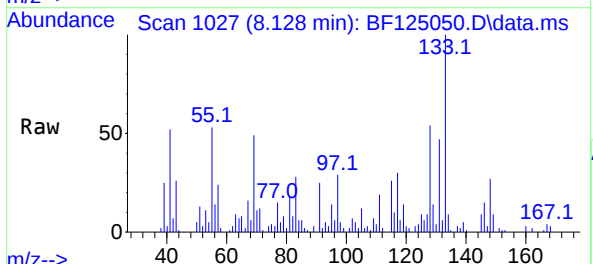
Instrument :
BNA_F
ClientSampleId :
TWP03DL

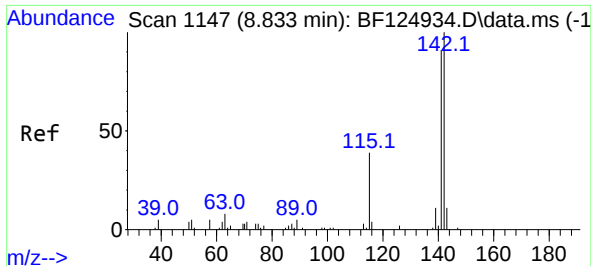
Tgt Ion:	82	Resp:	19998
Ion	Ratio	Lower	Upper
82	100		
128	43.1	40.6	60.8
54	56.5	49.6	74.4



#31
Naphthalene
Concen: 11.681 ng
RT: 8.128 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BF125050.D
Acq: 11 Aug 2021 2:03

Tgt Ion:	128	Resp:	15591
Ion	Ratio	Lower	Upper
128	100		
129	25.9	9.4	14.0#
127	16.5	10.9	16.3#

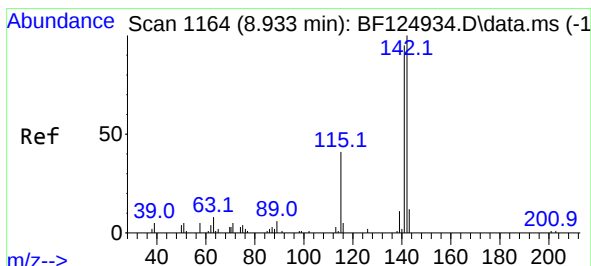
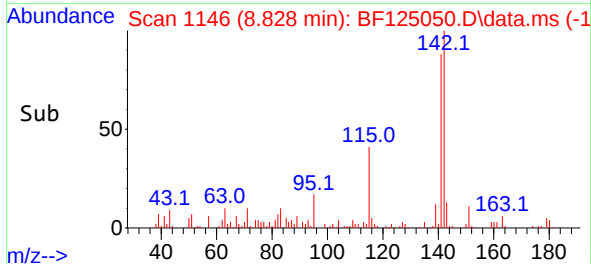
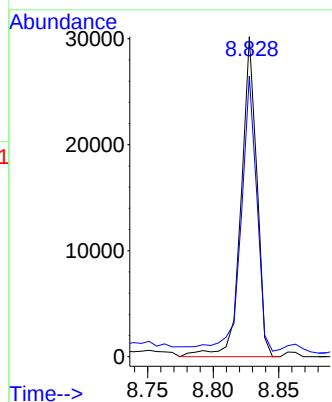
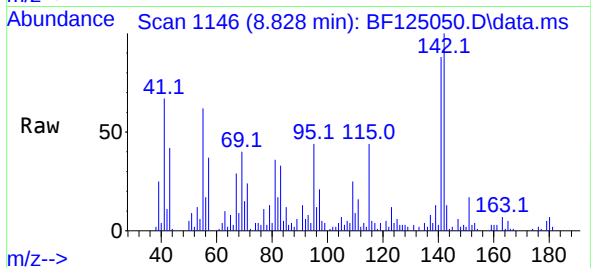




#37
2-Methylnaphthalene
Concen: 28.089 ng
RT: 8.828 min Scan# 1146
Delta R.T. 0.018 min
Lab File: BF125050.D
Acq: 11 Aug 2021 2:03

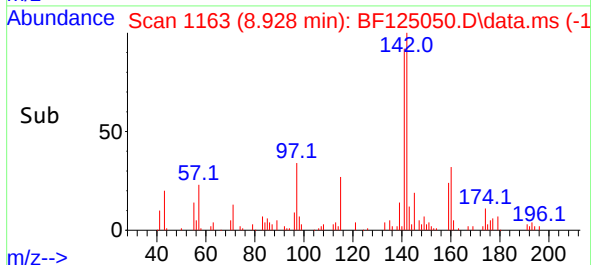
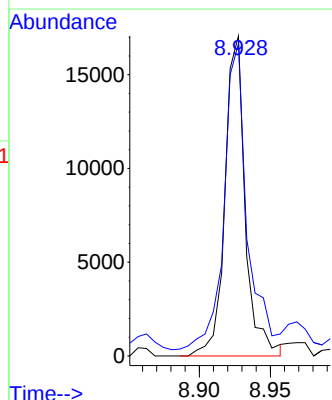
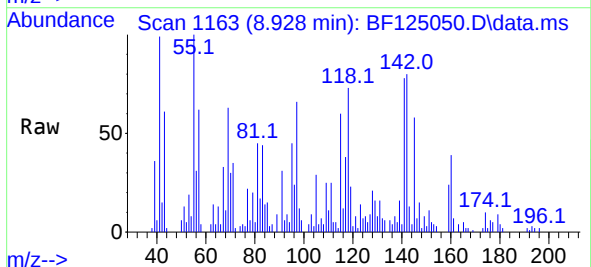
Instrument :
BNA_F
ClientSampled :
TWP03DL

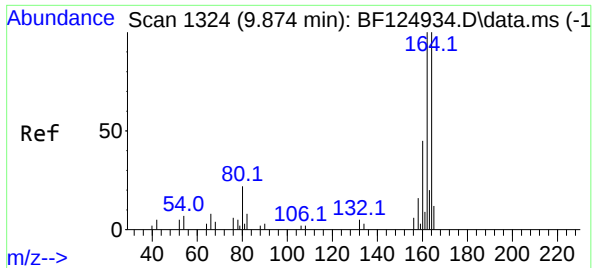
Tgt Ion:142 Resp: 25207
Ion Ratio Lower Upper
142 100
141 87.7 71.2 106.8



#38
1-Methylnaphthalene
Concen: 20.190 ng
RT: 8.928 min Scan# 1163
Delta R.T. 0.018 min
Lab File: BF125050.D
Acq: 11 Aug 2021 2:03

Tgt Ion:142 Resp: 16953
Ion Ratio Lower Upper
142 100
141 97.6 76.0 114.0

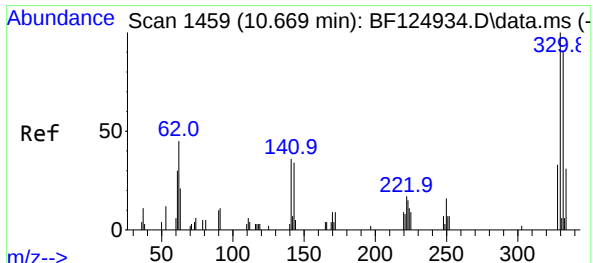
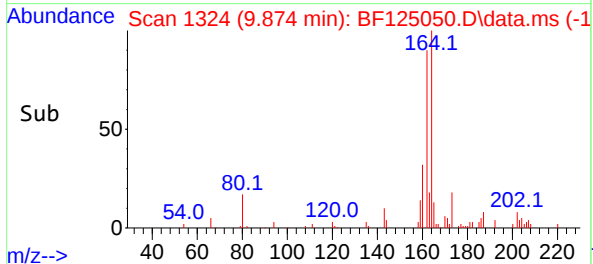
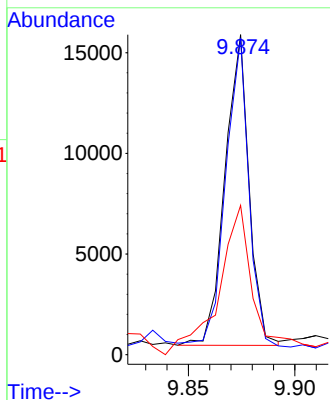
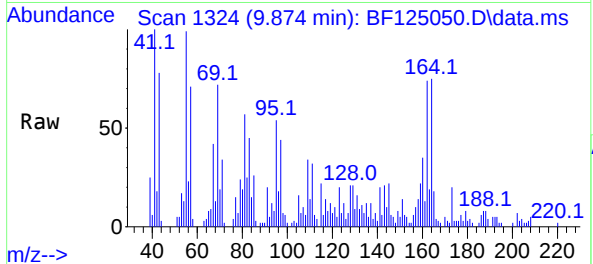




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.874 min Scan# 1324
Delta R.T. 0.023 min
Lab File: BF125050.D
Acq: 11 Aug 2021 2:03

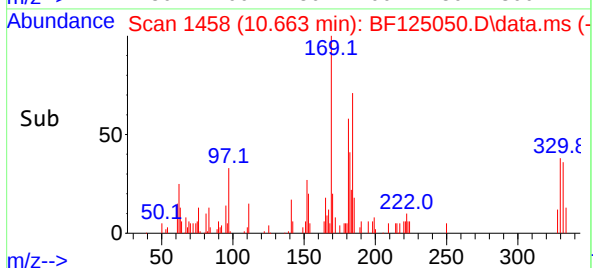
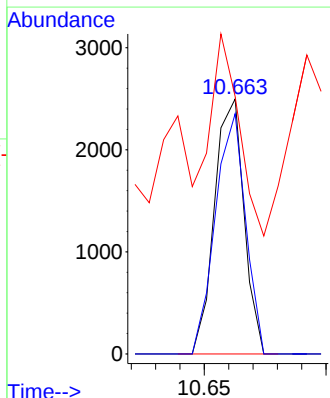
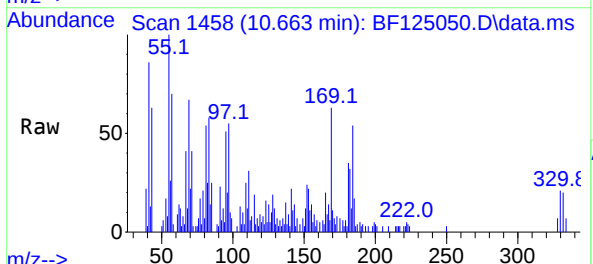
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ClientSampled :
TWP03DL

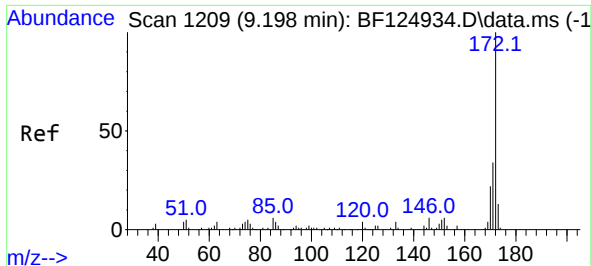
Tgt Ion:164 Resp: 12123
Ion Ratio Lower Upper
164 100
162 99.0 81.3 121.9
160 46.7 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 19.380 ng
RT: 10.663 min Scan# 1458
Delta R.T. 0.024 min
Lab File: BF125050.D
Acq: 11 Aug 2021 2:03

Tgt Ion:330 Resp: 2099
Ion Ratio Lower Upper
330 100
332 96.5 76.2 114.4
141 76.9 44.6 66.8#

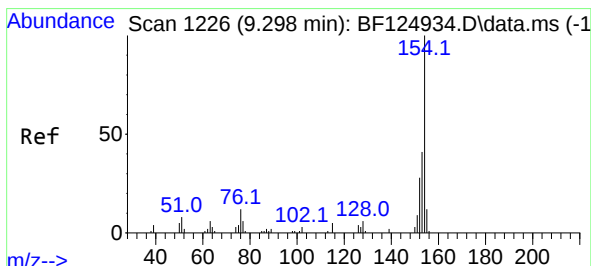
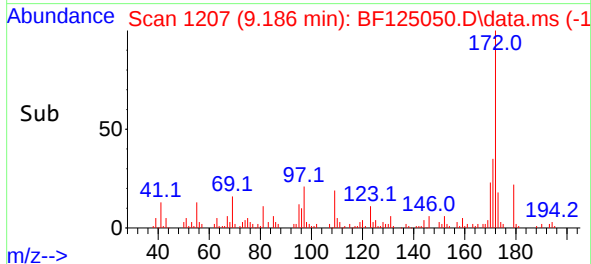
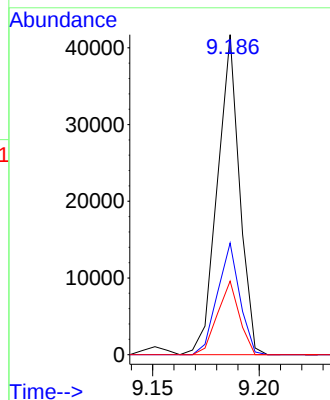
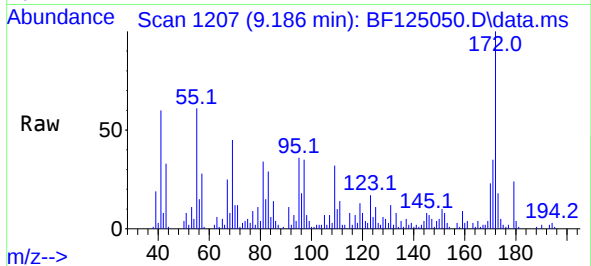




#45
2-Fluorobiphenyl
Concen: 36.327 ng
RT: 9.186 min Scan# 1207
Delta R.T. 0.012 min
Lab File: BF125050.D
Acq: 11 Aug 2021 2:03

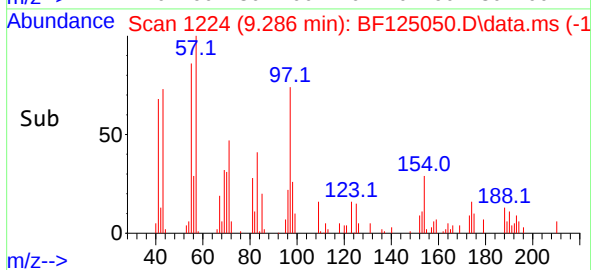
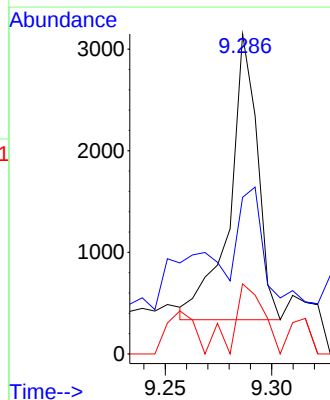
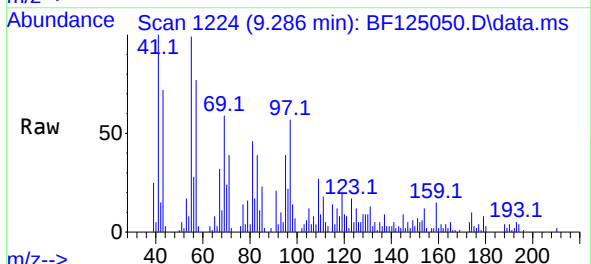
Instrument :
BNA_F
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TWP03DL

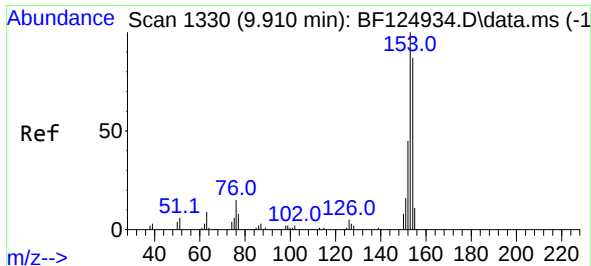
Tgt Ion:172 Resp: 30097
Ion Ratio Lower Upper
172 100
171 34.9 26.5 39.7
170 23.0 18.8 28.2



#46
1,1'-Biphenyl
Concen: 2.827 ng
RT: 9.286 min Scan# 1224
Delta R.T. 0.012 min
Lab File: BF125050.D
Acq: 11 Aug 2021 2:03

Tgt Ion:154 Resp: 2554
Ion Ratio Lower Upper
154 100
153 48.9 20.0 60.0
76 21.9 0.0 30.3

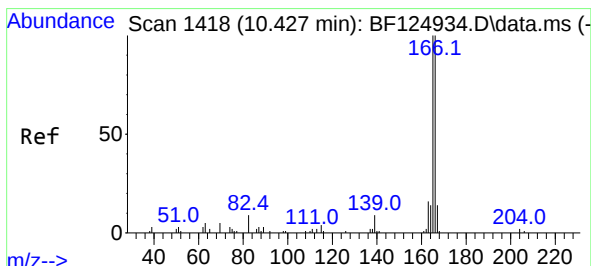
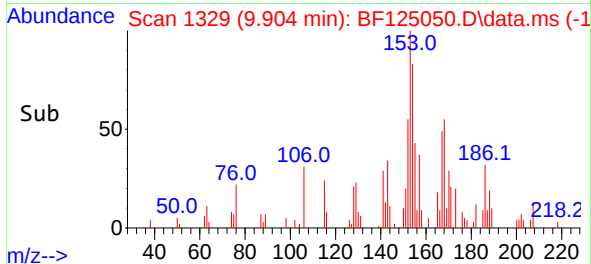
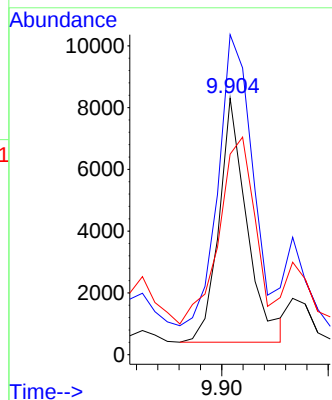
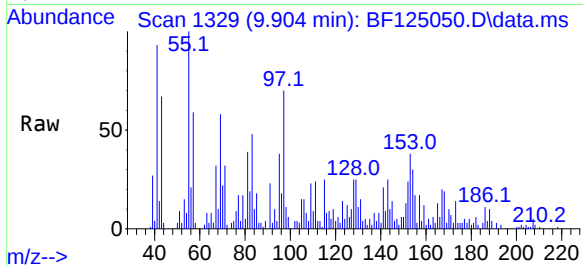




#52
Acenaphthene
Concen: 10.886 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.018 min
Lab File: BF125050.D
Acq: 11 Aug 2021 2:03

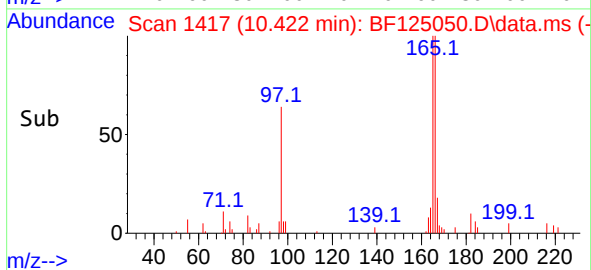
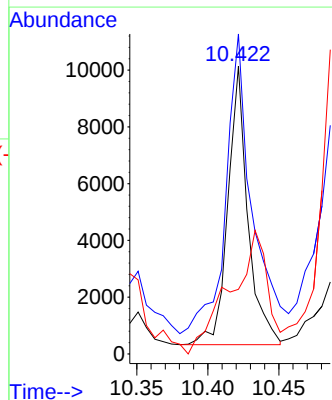
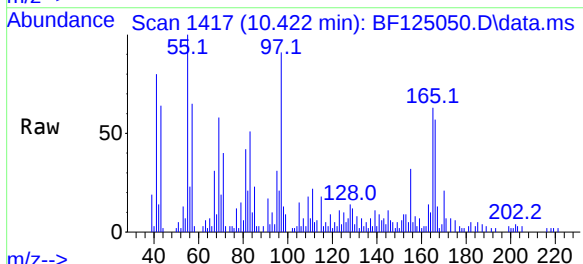
Instrument :
BNA_F
ClientSampleID :
TWP03DL

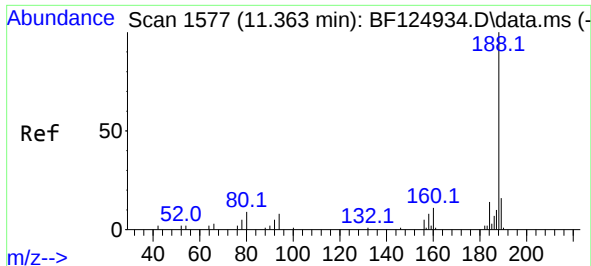
Tgt Ion:154 Resp: 7205
Ion Ratio Lower Upper
154 100
153 124.8 89.4 134.2
152 78.1 40.5 60.7#



#58
Fluorene
Concen: 12.119 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.023 min
Lab File: BF125050.D
Acq: 11 Aug 2021 2:03

Tgt Ion:166 Resp: 9612
Ion Ratio Lower Upper
166 100
165 111.2 78.1 117.1
167 22.5 11.1 16.7#

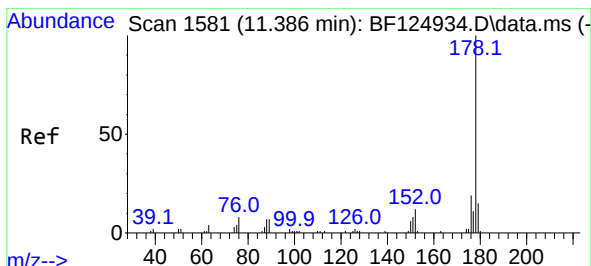
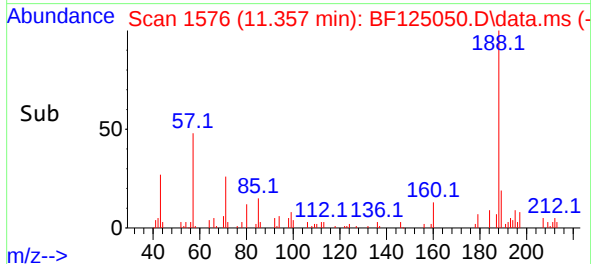
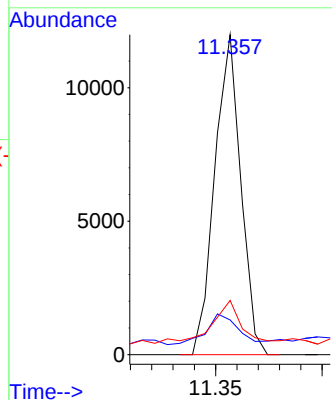
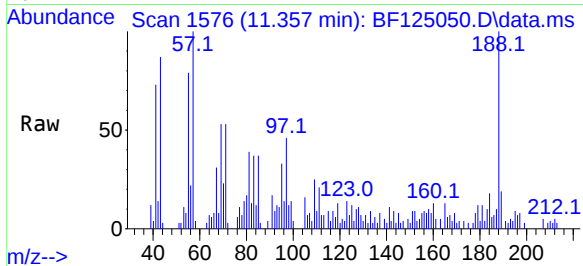




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. 0.023 min
Lab File: BF125050.D
Acq: 11 Aug 2021 2:03

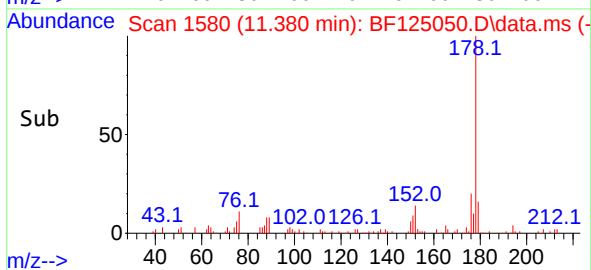
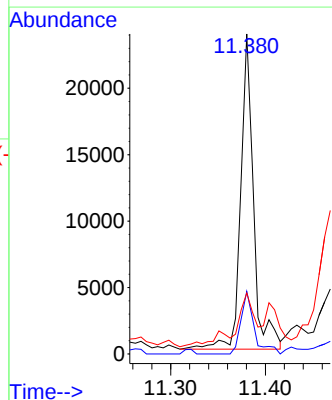
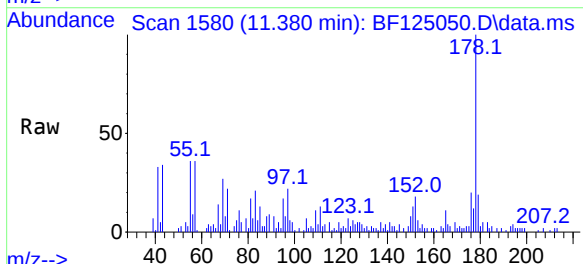
Instrument :
BNA_F
ClientSampleID :
TWP03DL

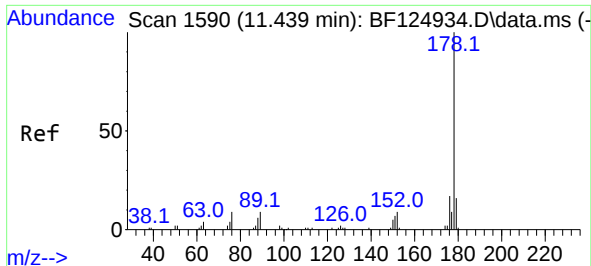
Tgt Ion:188 Resp: 10164
Ion Ratio Lower Upper
188 100
94 10.8 6.7 10.1#
80 17.0 7.5 11.3#



#71
Phenanthrene
Concen: 40.351 ng
RT: 11.380 min Scan# 1580
Delta R.T. 0.018 min
Lab File: BF125050.D
Acq: 11 Aug 2021 2:03

Tgt Ion:178 Resp: 22248
Ion Ratio Lower Upper
178 100
176 19.6 14.7 22.1
179 19.0 11.5 17.3#

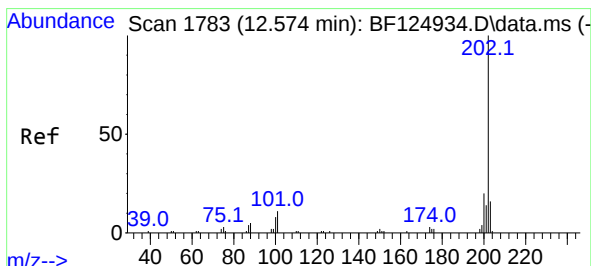
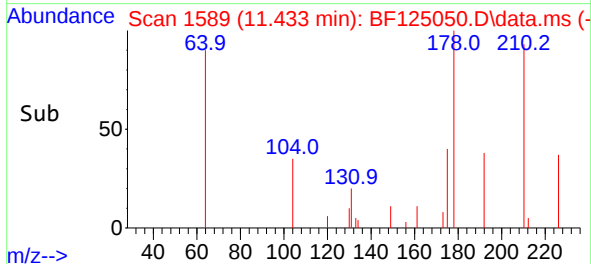
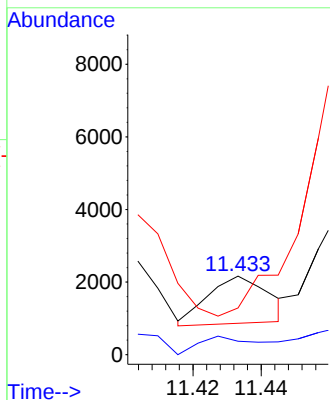
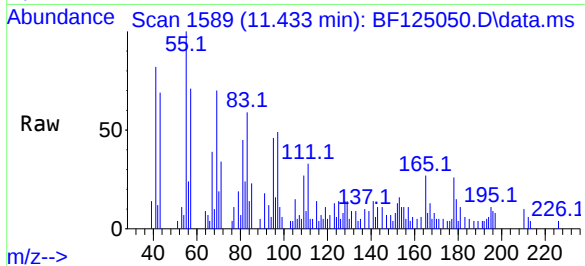




#72
 Anthracene
 Concen: 2.929 ng
 RT: 11.433 min Scan# 1589
 Delta R.T. 0.023 min
 Lab File: BF125050.D
 Acq: 11 Aug 2021 2:03

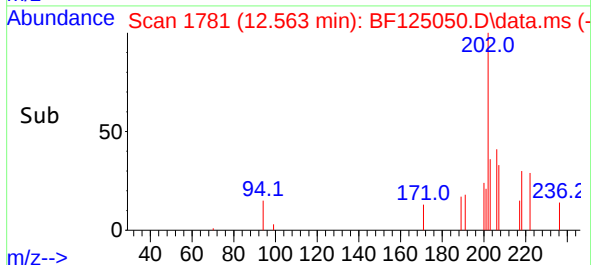
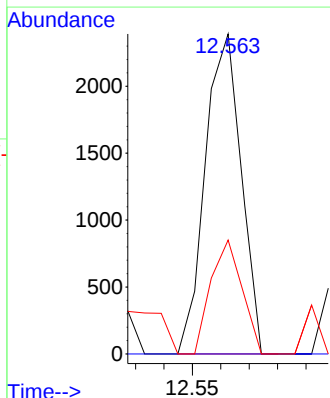
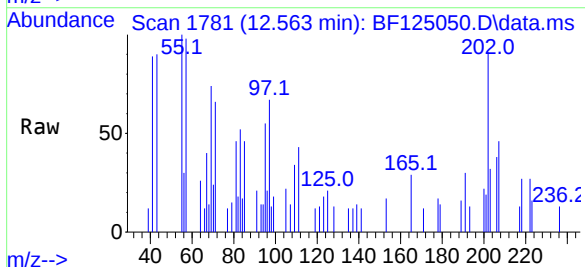
Instrument :
 BNA_F
 ClientSampleId :
 TWP03DL

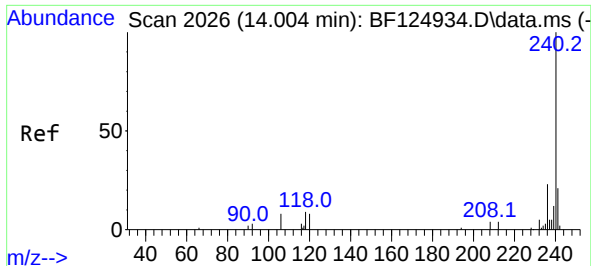
Tgt Ion:178	Resp:	1620
Ion Ratio	Lower	Upper
178	100	
176	17.1	14.3 21.5
179	59.6	12.2 18.4#



#75
 Fluoranthene
 Concen: 3.682 ng
 RT: 12.563 min Scan# 1781
 Delta R.T. 0.018 min
 Lab File: BF125050.D
 Acq: 11 Aug 2021 2:03

Tgt Ion:202	Resp:	2100
Ion Ratio	Lower	Upper
202	100	
101	0.0	0.0 30.7
203	35.6	0.0 36.3

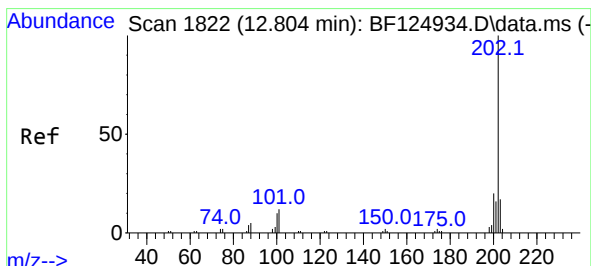
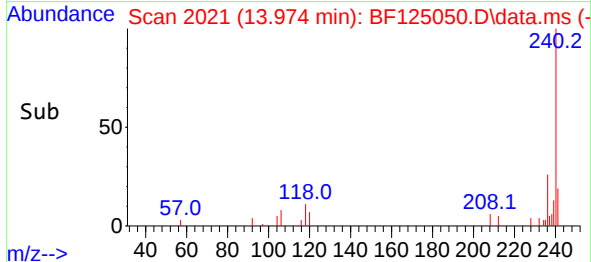
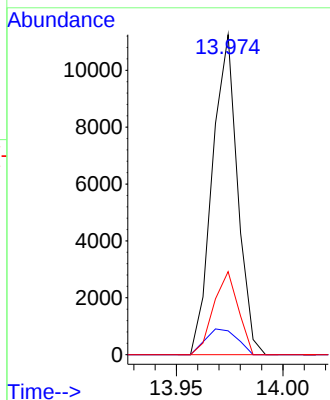
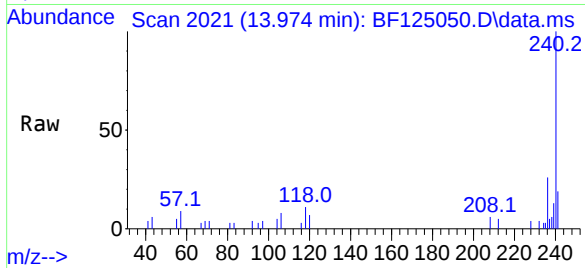




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BF125050.D
Acq: 11 Aug 2021 2:03

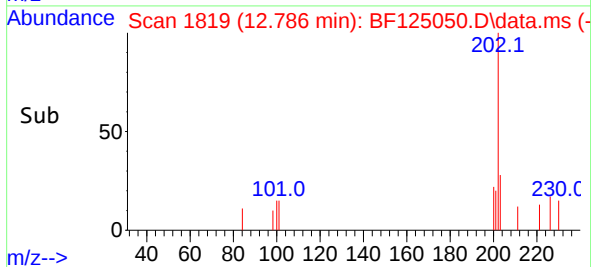
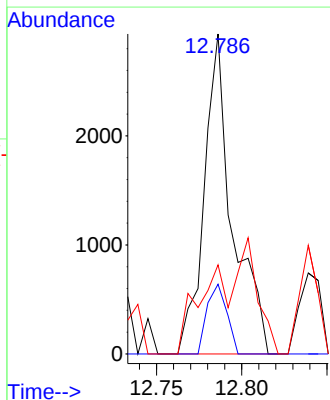
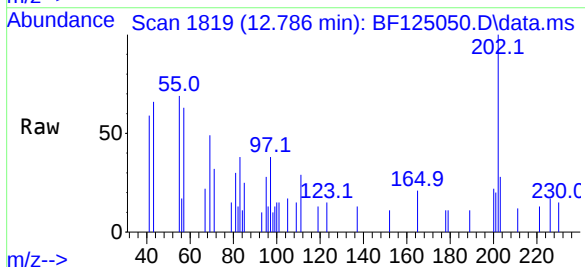
Instrument :
BNA_F
ClientSampleID :
TWP03DL

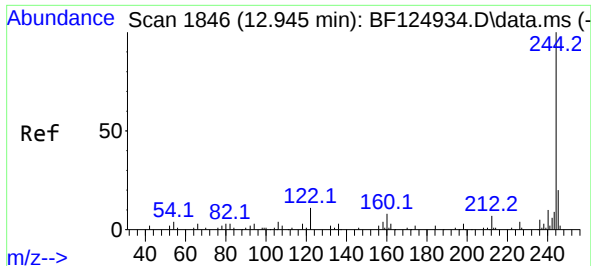
Tgt Ion:240 Resp: 9254
Ion Ratio Lower Upper
240 100
120 7.5 10.8 16.2#
236 26.0 21.6 32.4



#78
Pyrene
Concen: 4.640 ng
RT: 12.786 min Scan# 1819
Delta R.T. 0.012 min
Lab File: BF125050.D
Acq: 11 Aug 2021 2:03

Tgt Ion:202 Resp: 3382
Ion Ratio Lower Upper
202 100
200 21.8 15.3 22.9
203 27.9 13.4 20.0#

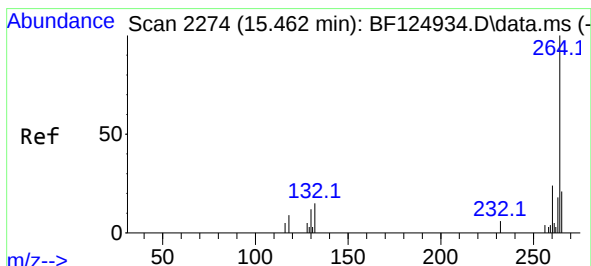
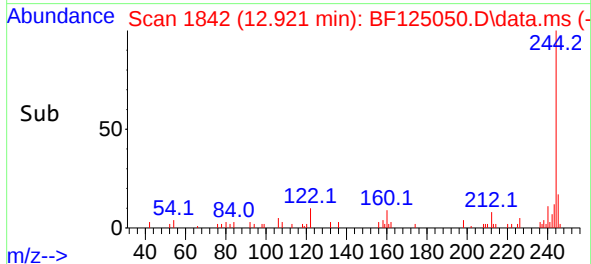
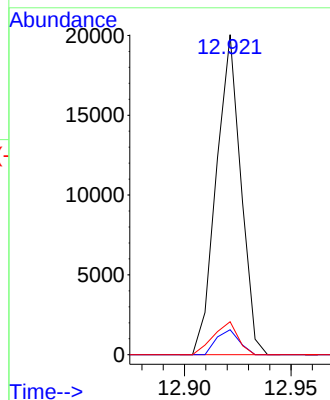
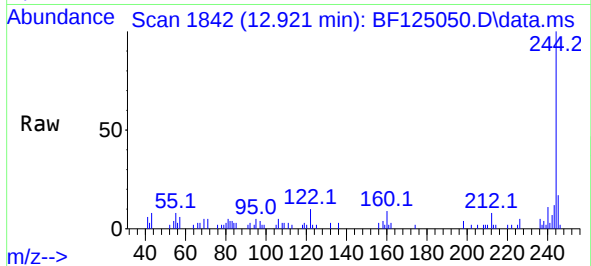




#79
Terphenyl-d14
Concen: 29.282 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.006 min
Lab File: BF125050.D
Acq: 11 Aug 2021 2:03

Instrument :
BNA_F
ClientSampleID :
TWP03DL

Tgt Ion:244 Resp: 16064
Ion Ratio Lower Upper
244 100
212 7.8 5.9 8.9
122 10.3 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 2268
Delta R.T. 0.012 min
Lab File: BF125050.D
Acq: 11 Aug 2021 2:03

Tgt Ion:264 Resp: 6927
Ion Ratio Lower Upper
264 100
260 23.4 19.6 29.4
265 26.3 17.2 25.8#

