

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072721\
 Data File : BF124810.D
 Acq On : 28 Jul 2021 00:19
 Operator : JU/CG
 Sample : M3171-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-078

Quant Time: Jul 28 03:08:35 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 15:28:57 2021
 Response via : Initial Calibration

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

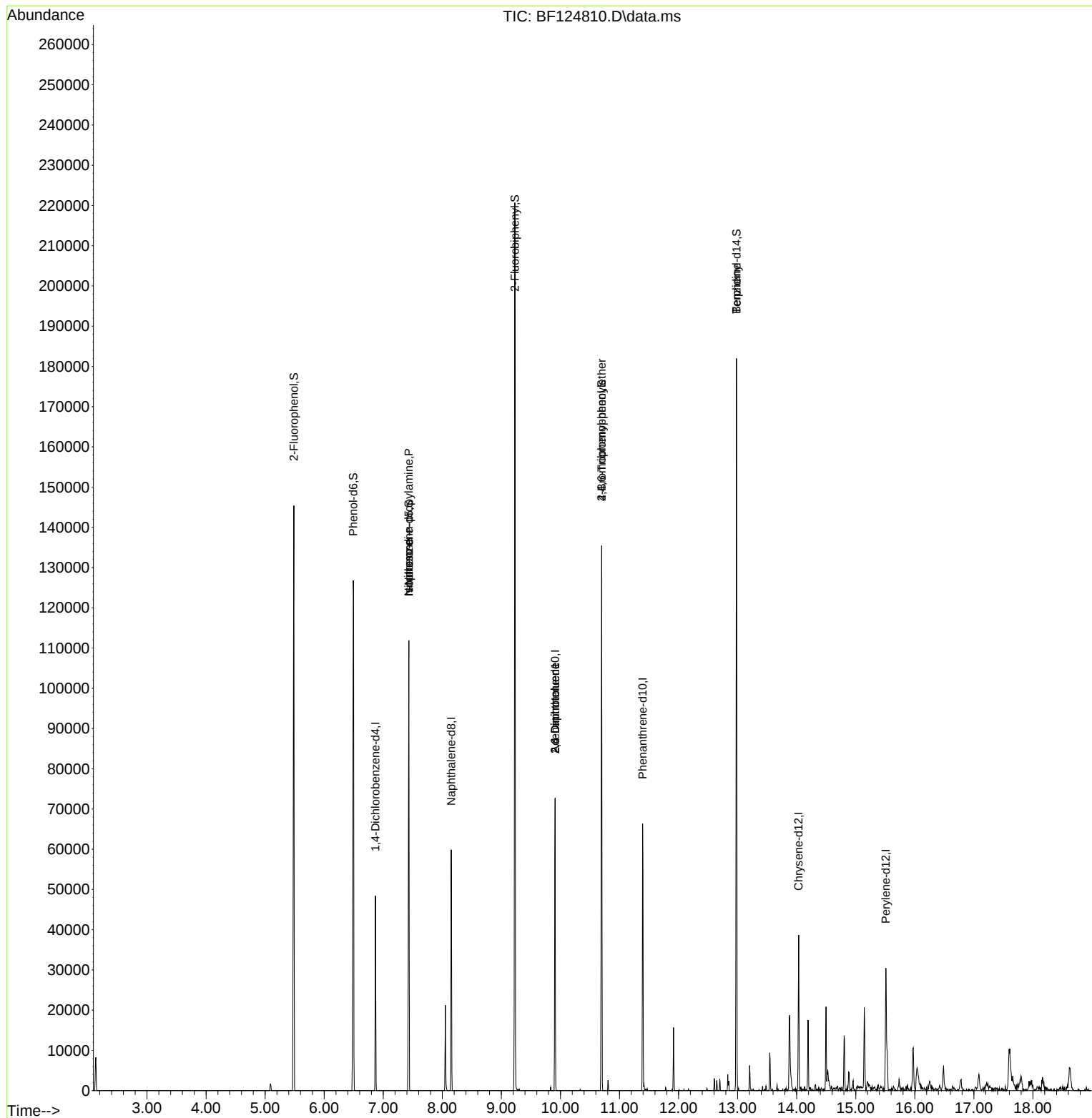
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	6401	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	24442	20.00	ng	0.00
39) Acenaphthene-d10	9.910	164	14438	20.00	ng	0.00
64) Phenanthrene-d10	11.392	188	24603	20.00	ng	0.00
76) Chrysene-d12	14.033	240	14138	20.00	ng	# 0.00
86) Perylene-d12	15.510	264	14331	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	37930	100.33	ng	0.00
7) Phenol-d6	6.492	99	46435	97.98	ng	0.00
23) Nitrobenzene-d5	7.434	82	29967	72.97	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	12724	102.64	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	64902	66.02	ng	0.00
79) Terphenyl-d14	12.980	244	59203	71.78	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	4134	16.33	ng	# 71
25) Isophorone	7.434	82	29975	41.28	ng	# 59
51) 2,6-Dinitrotoluene	9.910	165	1921	8.75	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	1921	6.45	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	889	3.41	ng	# 1
77) Benzidine	12.980	184	873	2.19	ng	# 69

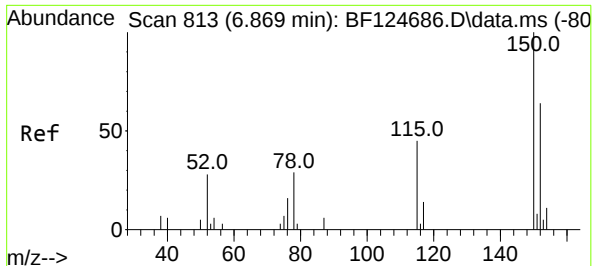
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF124810.D
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Sample : M3171-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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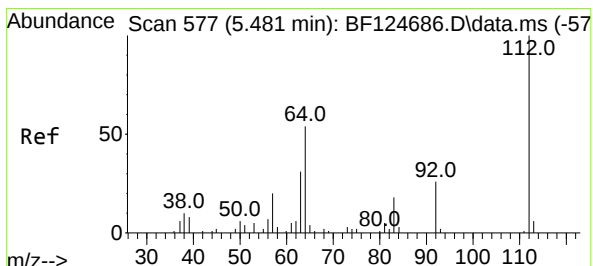
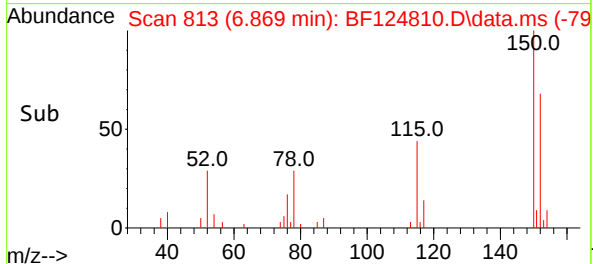
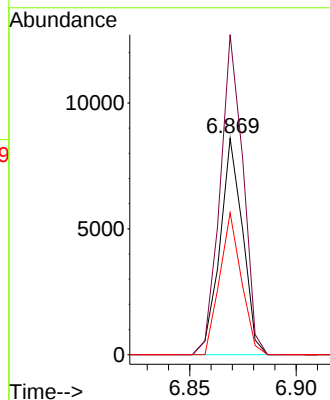
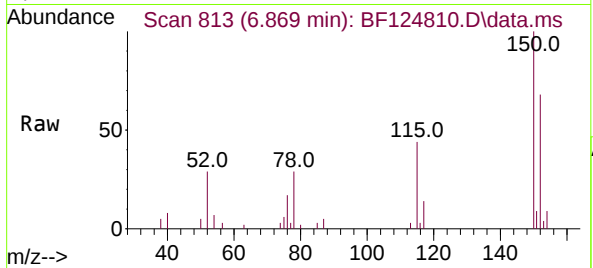




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124810.D
Acq: 28 Jul 2021 00:19

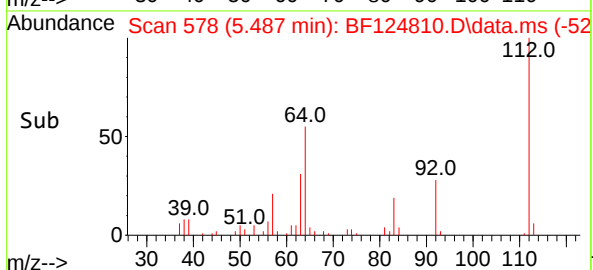
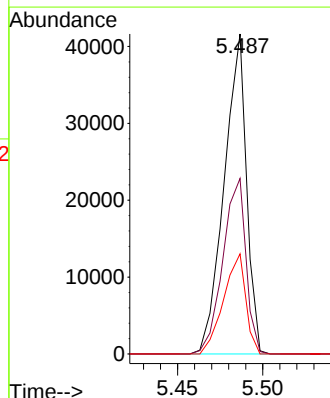
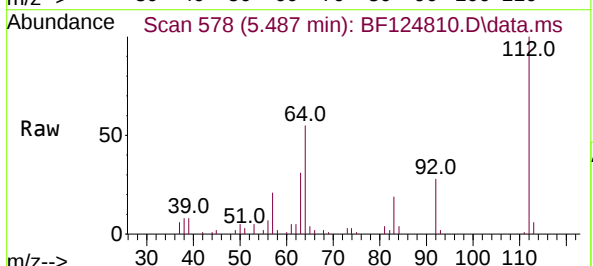
Instrument :
BNA_F
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FK-PS-01-078

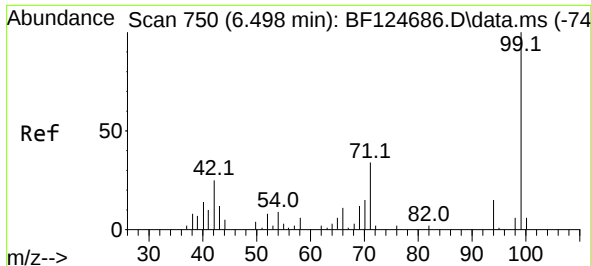
Tgt Ion:152 Resp: 6401
Ion Ratio Lower Upper
152 100
150 147.9 117.6 176.4
115 65.6 47.1 70.7



#5
2-Fluorophenol
Concen: 100.33 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF124810.D
Acq: 28 Jul 2021 00:19

Tgt Ion:112 Resp: 37930
Ion Ratio Lower Upper
112 100
64 54.8 44.2 66.2
63 31.3 26.2 39.2

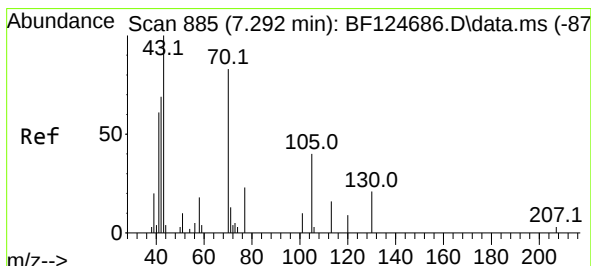
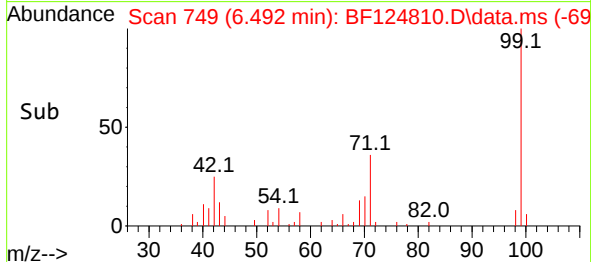
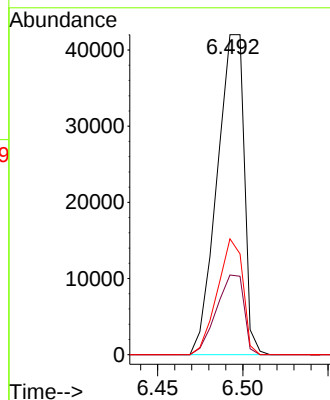
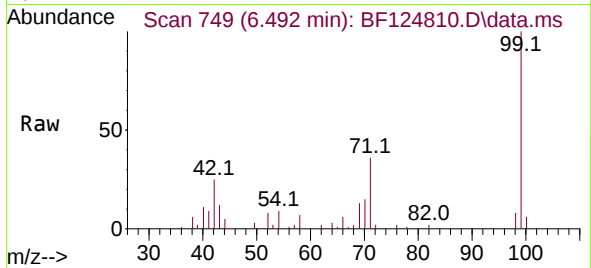




#7
Phenol-d6
Concen: 97.98 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF124810.D
Acq: 28 Jul 2021 00:19

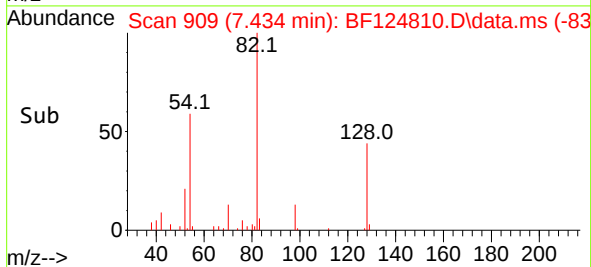
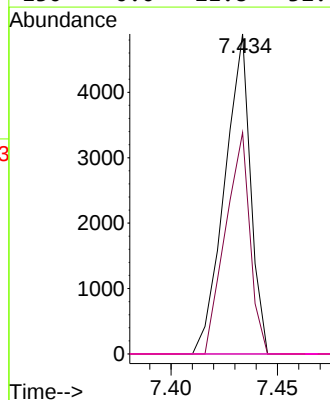
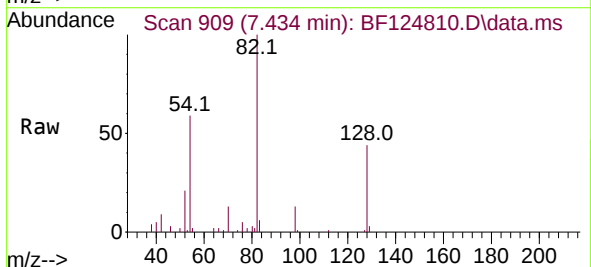
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-078

Tgt Ion:	99	Resp:	46435
Ion	Ratio	Lower	Upper
99	100		
42	24.9	23.5	35.3
71	36.2	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.33 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF124810.D
Acq: 28 Jul 2021 00:19

Tgt Ion:	70	Resp:	4134
Ion	Ratio	Lower	Upper
70	100		
42	69.2	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

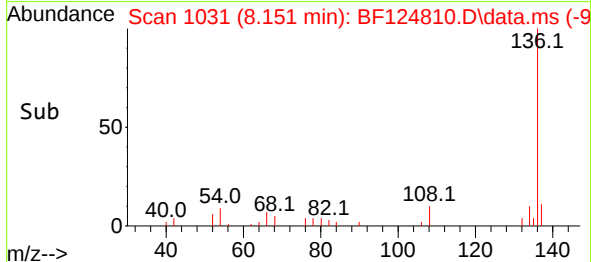
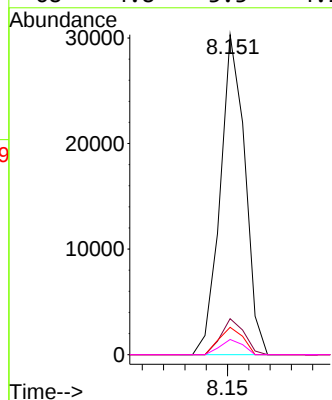
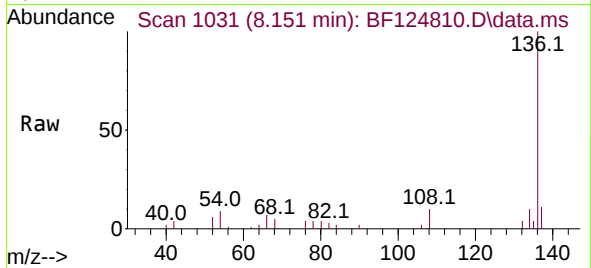




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124810.D
Acq: 28 Jul 2021 00:19

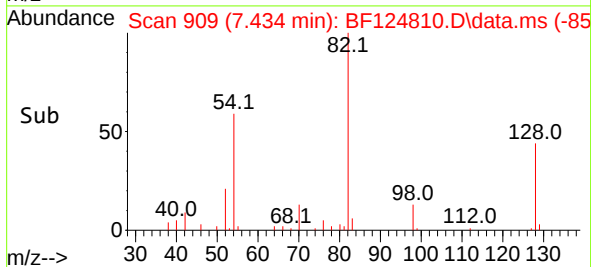
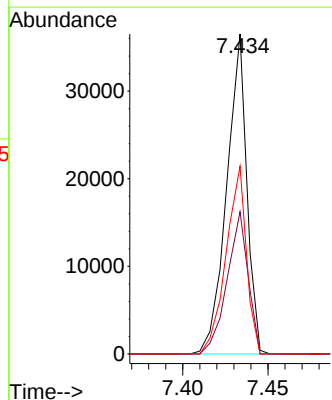
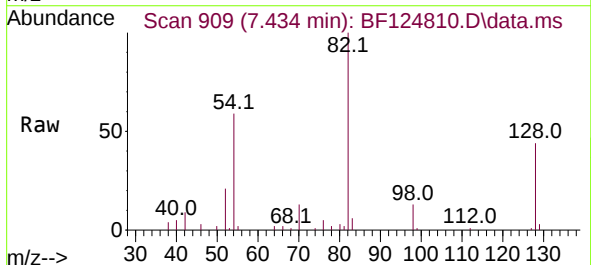
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-078

Tgt Ion:136	Resp:	24442
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.8 14.6
54	8.6	6.4 9.6
68	4.8	3.3 4.9



#23
Nitrobenzene-d5
Concen: 72.97 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF124810.D
Acq: 28 Jul 2021 00:19

Tgt Ion: 82	Resp:	29967
Ion Ratio	Lower	Upper
82	100	
128	44.5	40.6 60.8
54	58.6	49.6 74.4

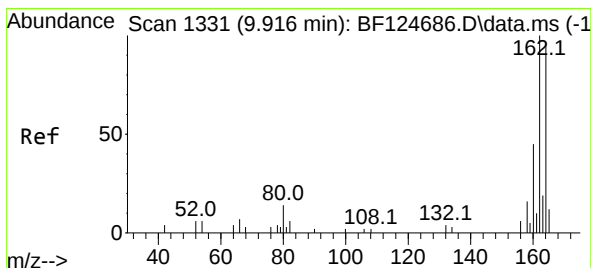
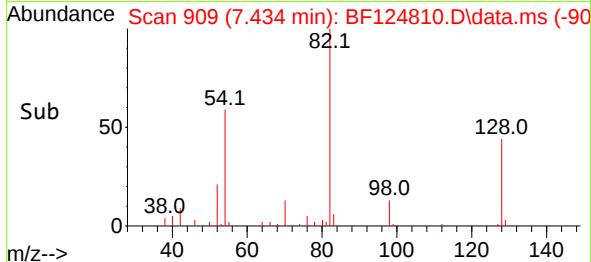
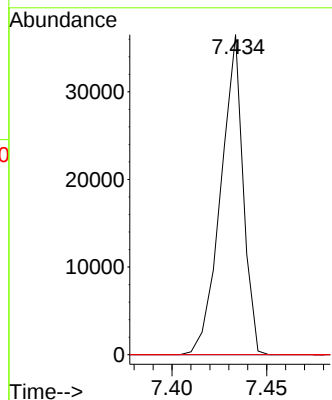
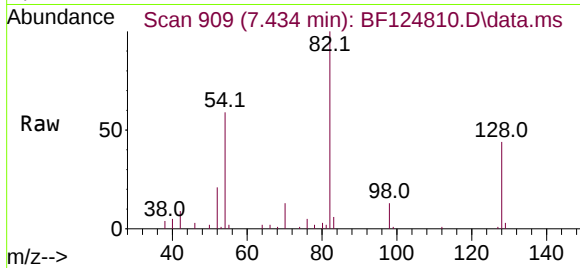




#25
Isophorone
Concen: 41.28 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF124810.D
Acq: 28 Jul 2021 00:19

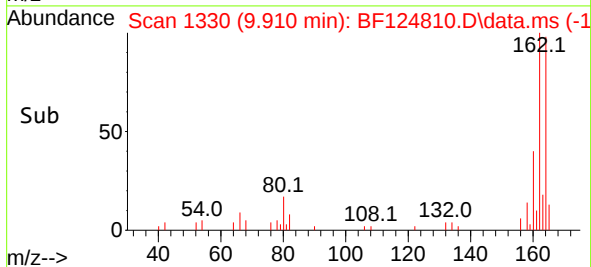
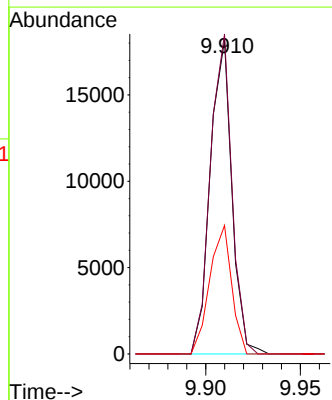
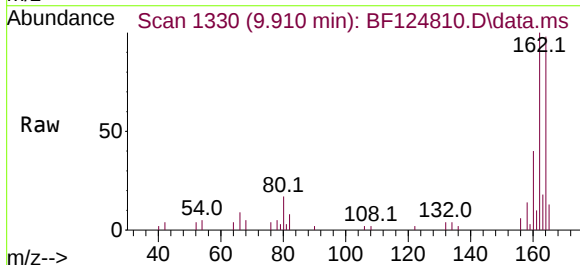
Instrument :
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ClientSampleId :
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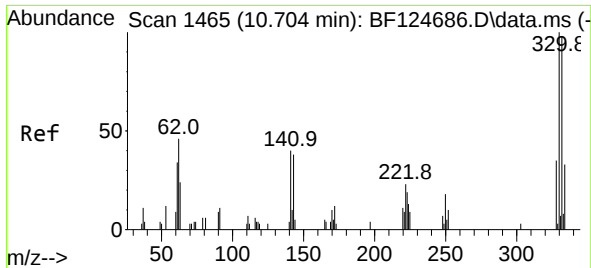
Tgt Ion: 82 Resp: 29975
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124810.D
Acq: 28 Jul 2021 00:19

Tgt Ion: 164 Resp: 14438
Ion Ratio Lower Upper
164 100
162 102.0 81.3 121.9
160 40.9 38.0 57.0

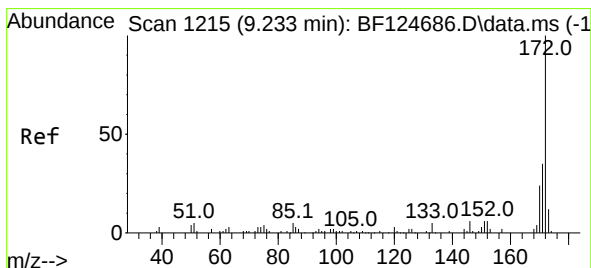
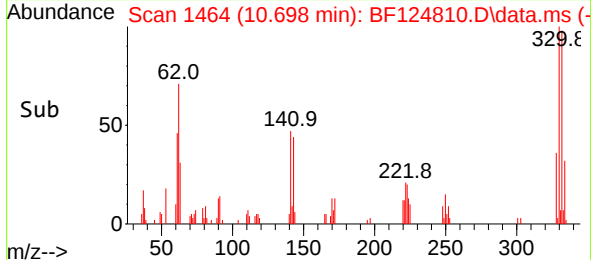
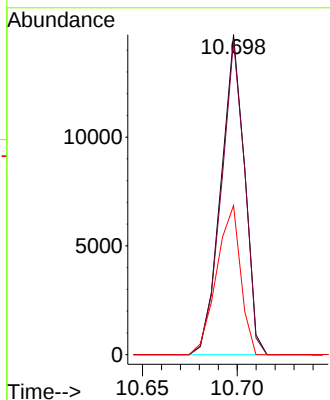
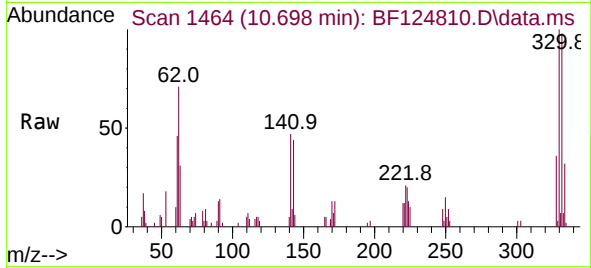




#42
2,4,6-Tribromophenol
Concen: 102.64 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124810.D
Acq: 28 Jul 2021 00:19

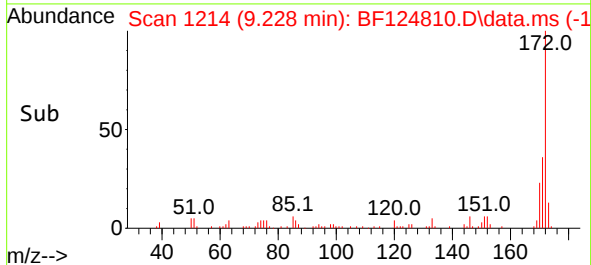
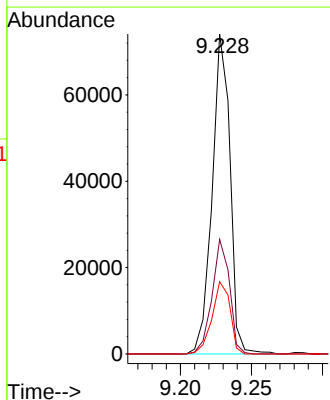
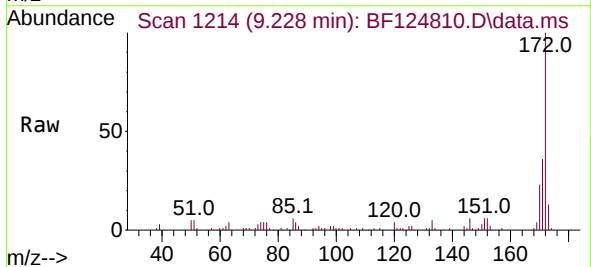
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FK-PS-01-078

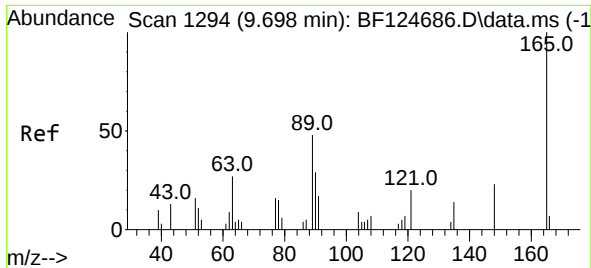
Tgt Ion: 330 Resp: 12724
Ion Ratio Lower Upper
330 100
332 97.6 76.2 114.4
141 47.5 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 66.02 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124810.D
Acq: 28 Jul 2021 00:19

Tgt Ion: 172 Resp: 64902
Ion Ratio Lower Upper
172 100
171 35.8 26.5 39.7
170 22.6 18.8 28.2

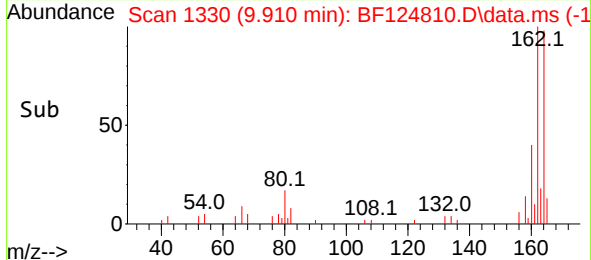
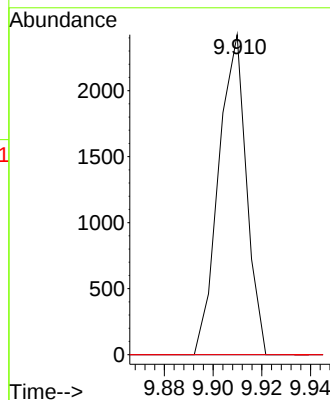
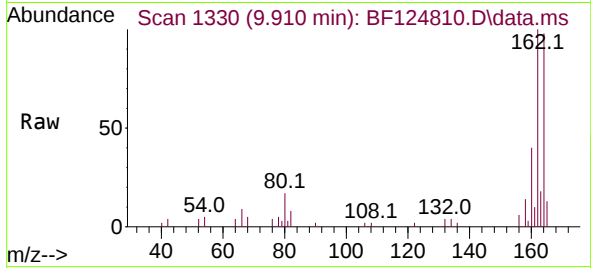




#51
2,6-Dinitrotoluene
Concen: 8.75 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF124810.D
Acq: 28 Jul 2021 00:19

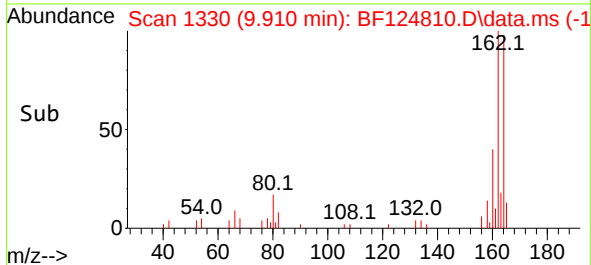
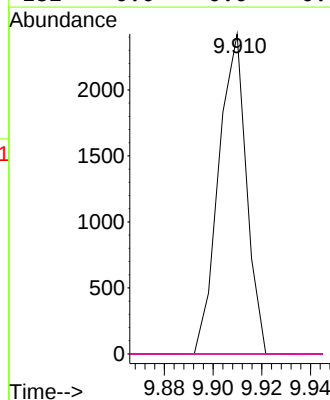
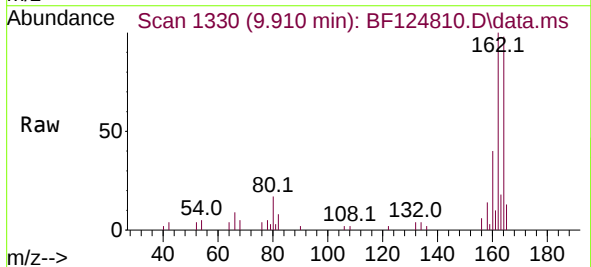
Instrument :
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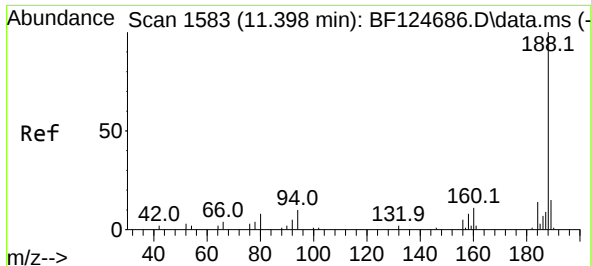
Tgt Ion:165 Resp: 1921
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.45 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF124810.D
Acq: 28 Jul 2021 00:19

Tgt Ion:165 Resp: 1921
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0

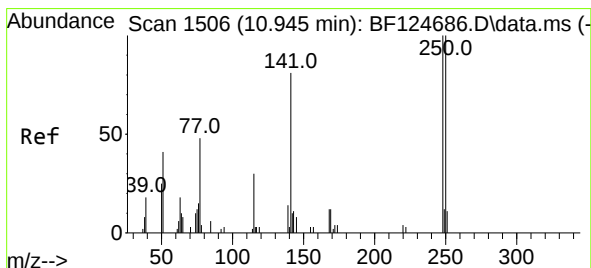
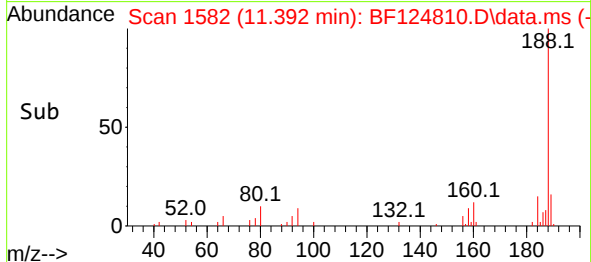
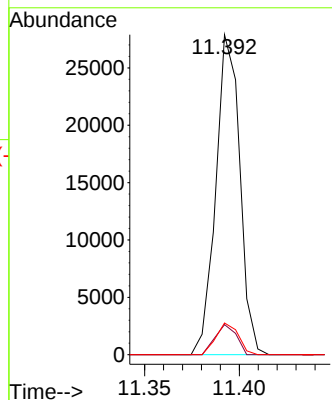
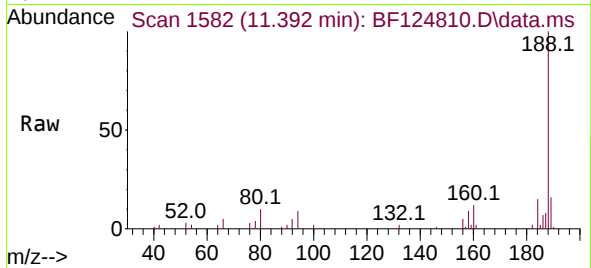




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF124810.D
Acq: 28 Jul 2021 00:19

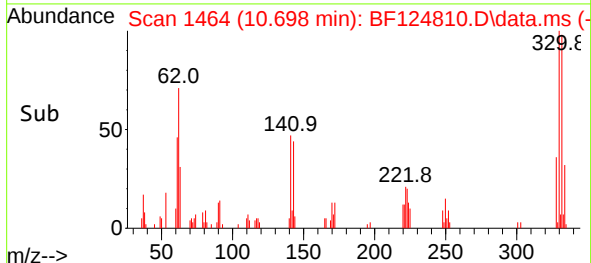
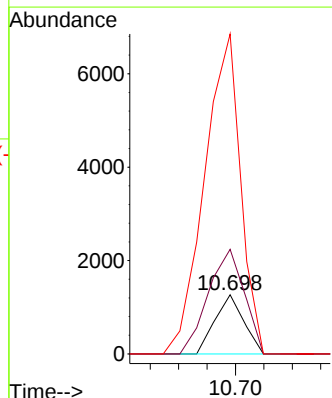
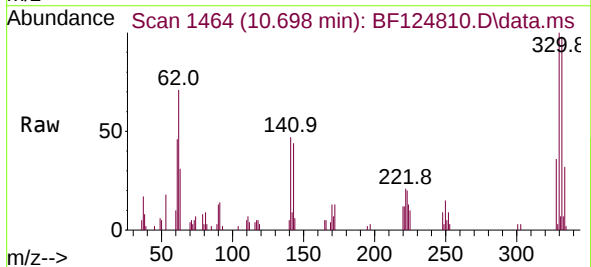
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FK-PS-01-078

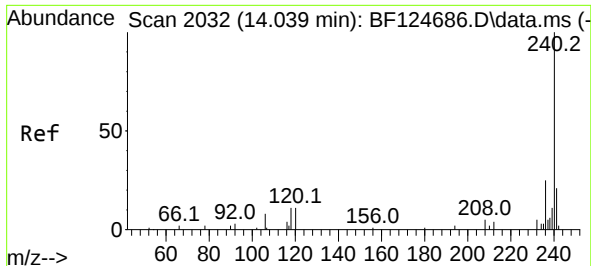
Tgt Ion:188 Resp: 24603
Ion Ratio Lower Upper
188 100
94 9.4 6.7 10.1
80 9.9 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.41 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF124810.D
Acq: 28 Jul 2021 00:19

Tgt Ion:248 Resp: 889
Ion Ratio Lower Upper
248 100
250 136.3 74.2 111.4#
141 416.8 60.4 90.6#

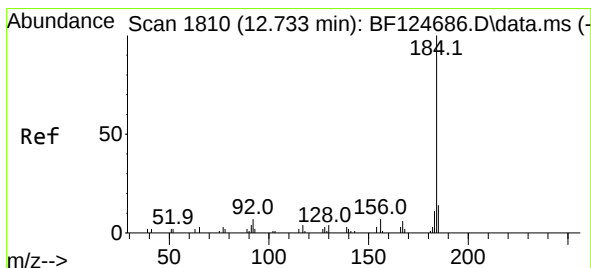
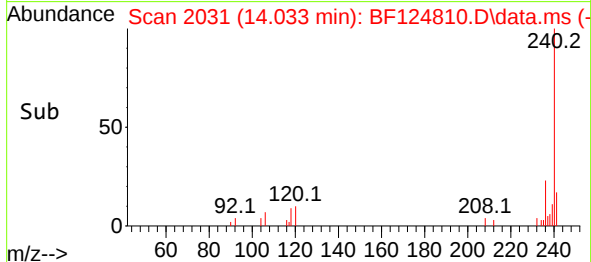
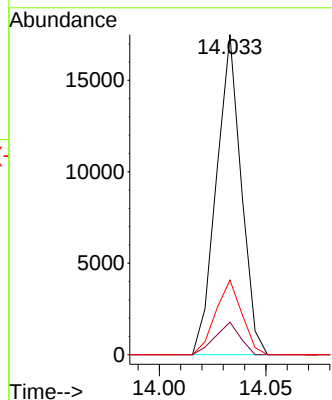
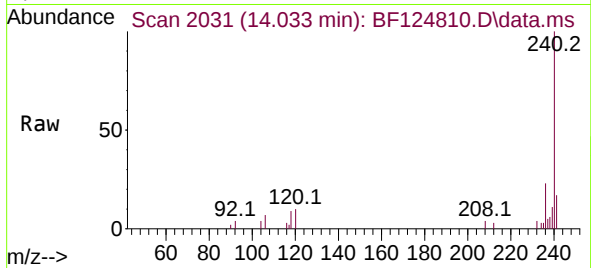




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF124810.D
Acq: 28 Jul 2021 00:19

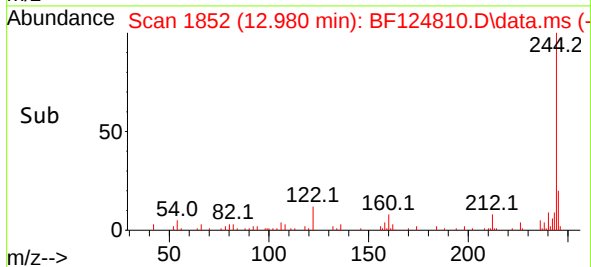
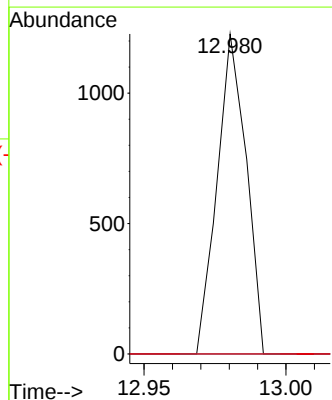
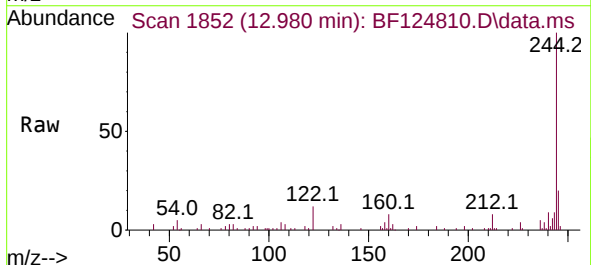
Instrument :
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ClientSampleId :
FK-PS-01-078

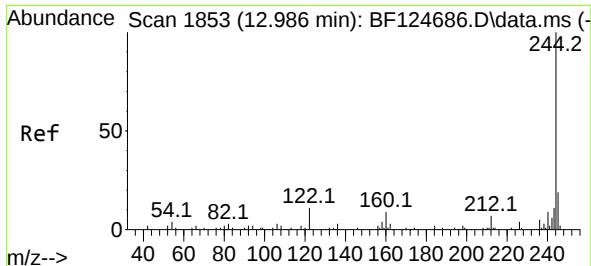
Tgt Ion:240 Resp: 14138
Ion Ratio Lower Upper
240 100
120 10.1 10.8 16.2#
236 23.3 21.6 32.4



#77
Benzidine
Concen: 2.19 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.247 min
Lab File: BF124810.D
Acq: 28 Jul 2021 00:19

Tgt Ion:184 Resp: 873
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#

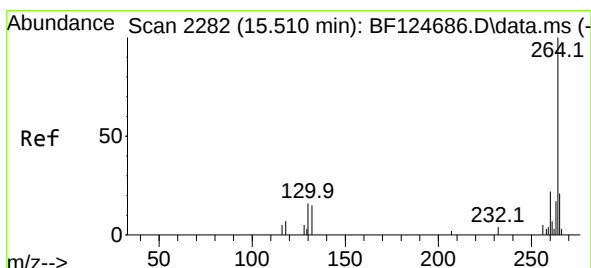
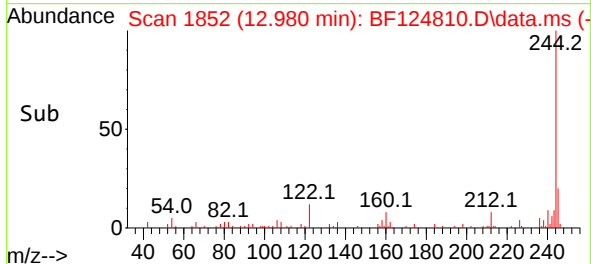
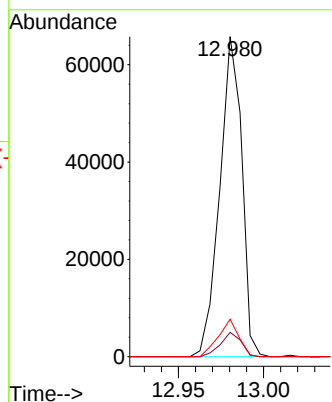
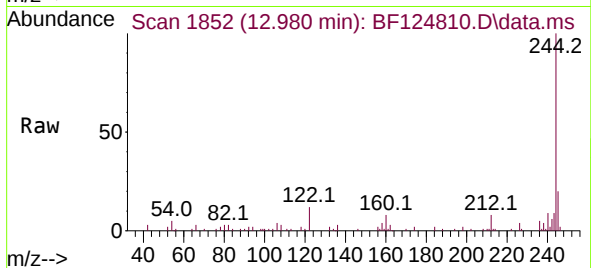




#79
Terphenyl-d14
Concen: 71.78 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF124810.D
Acq: 28 Jul 2021 00:19

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-078

Tgt Ion:244 Resp: 59203
Ion Ratio Lower Upper
244 100
212 7.6 5.9 8.9
122 11.7 9.0 13.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.510 min Scan# 2282
Delta R.T. -0.000 min
Lab File: BF124810.D
Acq: 28 Jul 2021 00:19

Tgt Ion:264 Resp: 14331
Ion Ratio Lower Upper
264 100
260 22.9 19.6 29.4
265 22.2 17.2 25.8

