

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052721\
 Data File : BF124098.D
 Acq On : 27 May 2021 18:20
 Operator : JU/CG
 Sample : M2537-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-04-016-ABCD

Quant Time: May 28 03:05:57 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 27 13:12:25 2021
 Response via : Initial Calibration

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

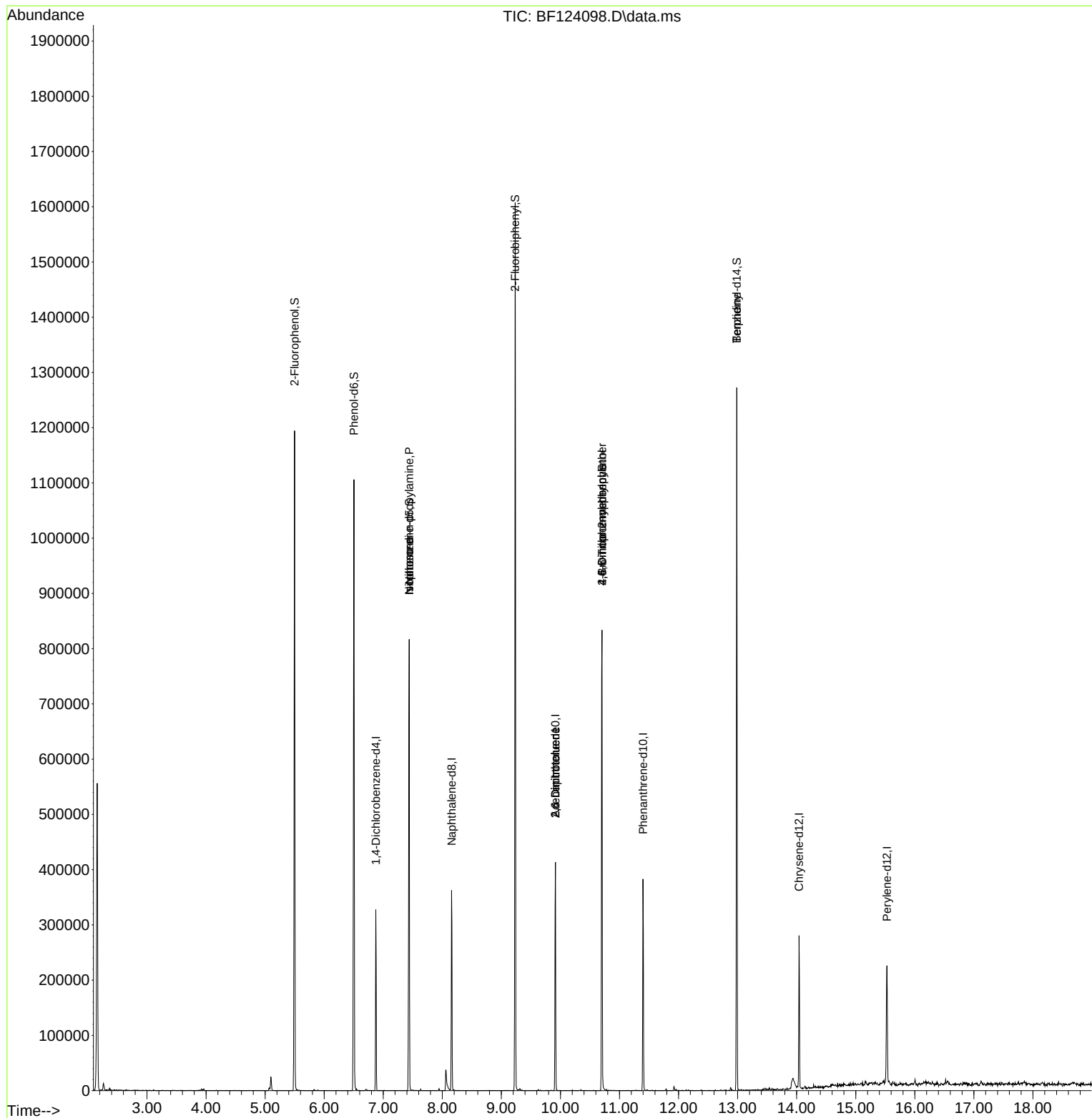
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	37734	20.00	ng	0.00
21) Naphthalene-d8	8.157	136	138451	20.00	ng	# 0.00
39) Acenaphthene-d10	9.916	164	75161	20.00	ng	0.00
64) Phenanthrene-d10	11.398	188	121525	20.00	ng	0.00
76) Chrysene-d12	14.039	240	81935	20.00	ng	0.00
86) Perylene-d12	15.527	264	94166	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	244210	90.87	ng	0.00
7) Phenol-d6	6.504	99	304251	87.27	ng	0.00
23) Nitrobenzene-d5	7.439	82	234744	73.05	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	89942	99.63	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	411543	67.38	ng	0.00
79) Terphenyl-d14	12.986	244	347259	64.19	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.439	70	32961	13.99	ng	# 70
25) Isophorone	7.439	82	234742	37.97	ng	# 69
51) 2,6-Dinitrotoluene	9.916	165	9902	8.16	ng	# 10
57) 2,4-Dinitrotoluene	9.916	165	9902	6.65	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.704	198	153	5.61	ng	# 1
67) 4-Bromophenyl-phenylether	10.704	248	5979	3.74	ng	# 1
77) Benzidine	12.986	184	5716	2.89	ng	# 93

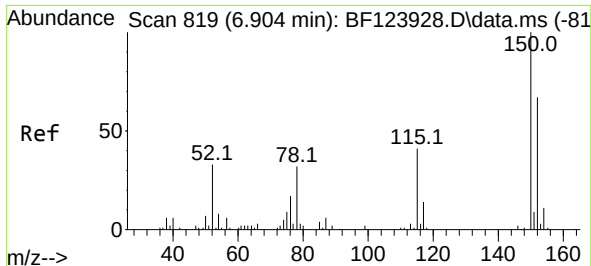
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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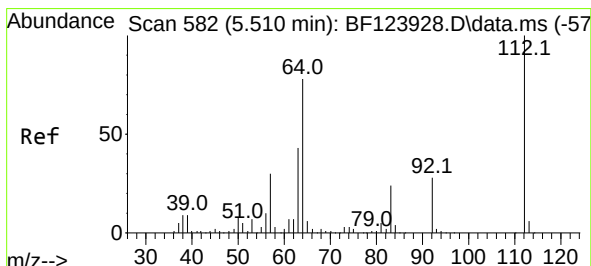
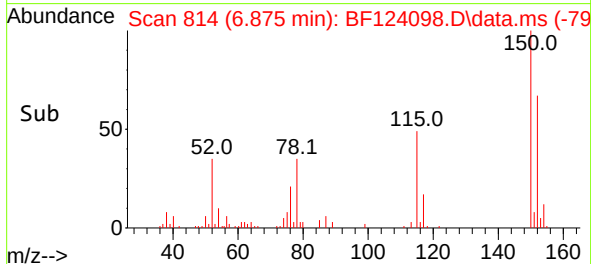
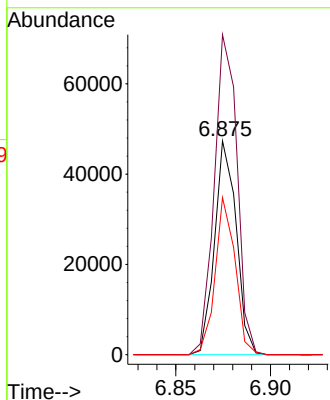
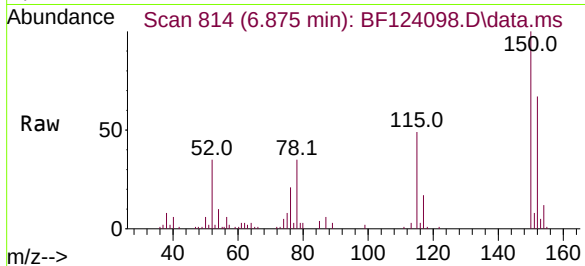




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF124098.D
Acq: 27 May 2021 18:20

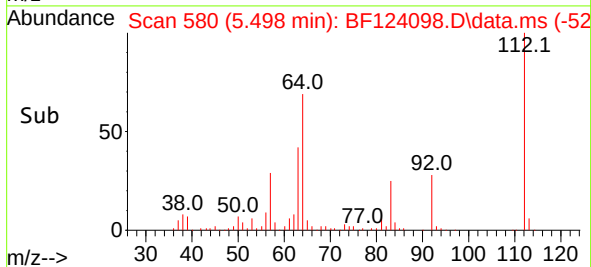
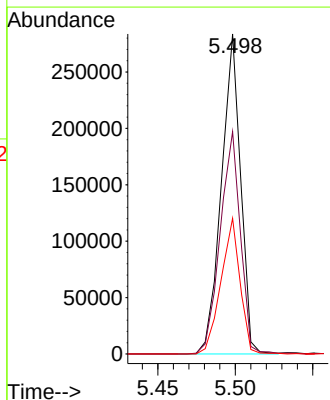
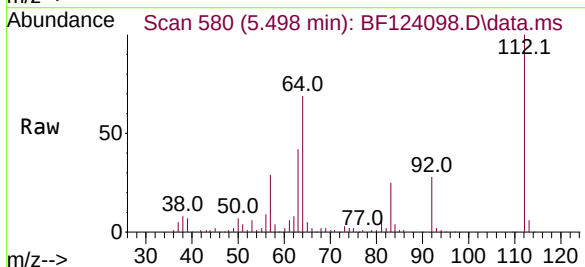
Instrument :
BNA_F
ClientSampleId :
FK-BPM-04-016-ABCD

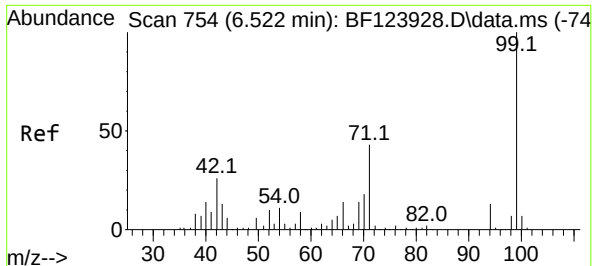
Tgt Ion:152 Resp: 37734
Ion Ratio Lower Upper
152 100
150 149.6 127.0 190.6
115 73.5 54.3 81.5



#5
2-Fluorophenol
Concen: 90.87 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF124098.D
Acq: 27 May 2021 18:20

Tgt Ion:112 Resp: 244210
Ion Ratio Lower Upper
112 100
64 69.5 61.4 92.0
63 42.4 33.0 49.4

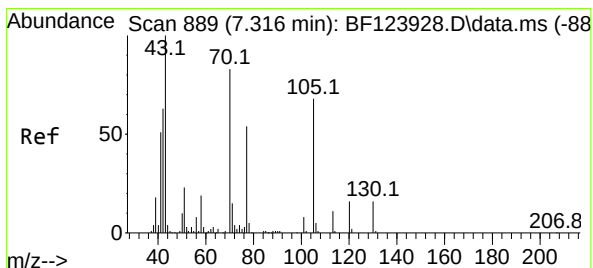
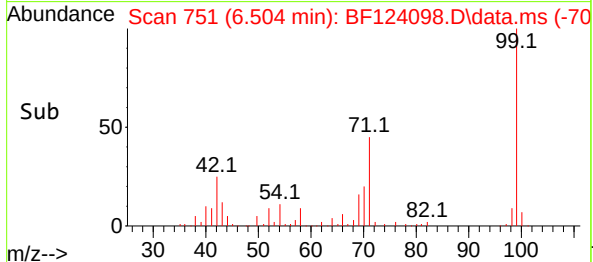
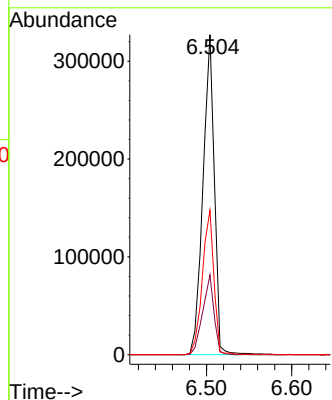
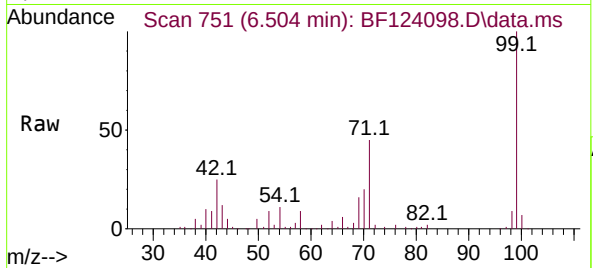




#7
Phenol-d6
Concen: 87.27 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF124098.D
Acq: 27 May 2021 18:20

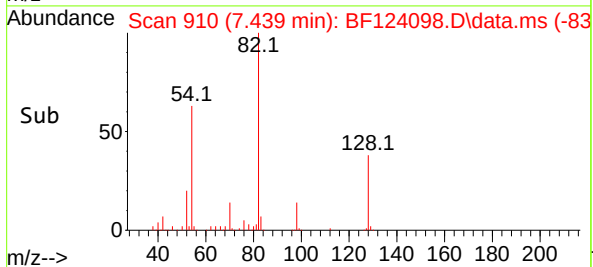
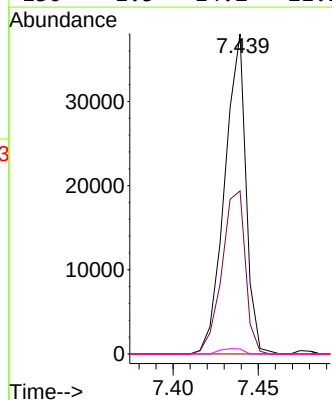
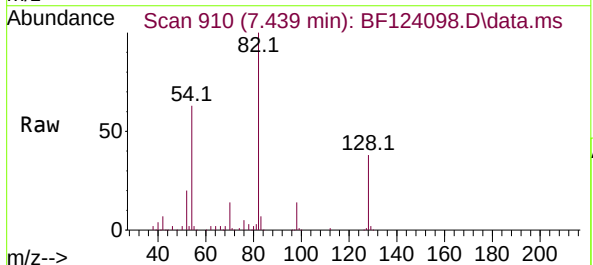
Instrument :
BNA_F
ClientSampleId :
FK-BPM-04-016-ABCD

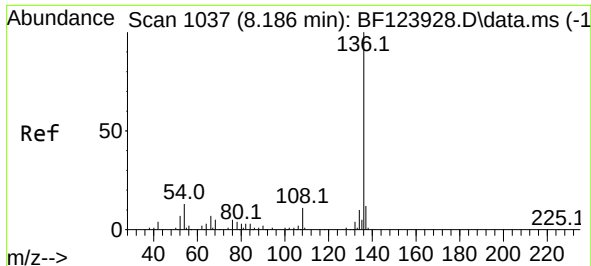
Tgt Ion: 99 Resp: 304251
Ion Ratio Lower Upper
99 100
42 24.9 19.8 29.8
71 45.1 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 13.99 ng
RT: 7.439 min Scan# 910
Delta R.T. 0.147 min
Lab File: BF124098.D
Acq: 27 May 2021 18:20

Tgt Ion: 70 Resp: 32961
Ion Ratio Lower Upper
70 100
42 51.0 60.1 90.1#
101 0.0 7.4 11.2#
130 1.5 14.2 21.2#

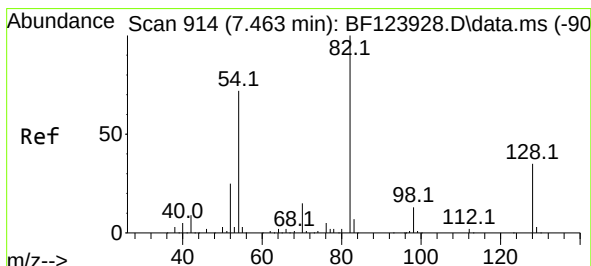
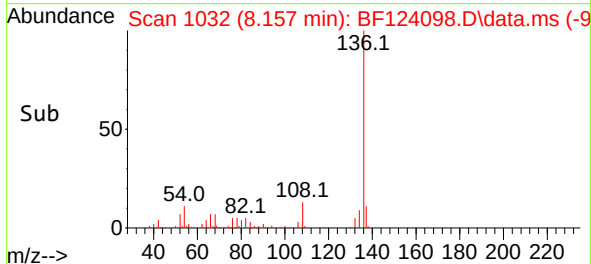
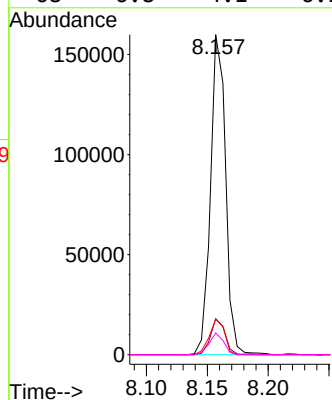
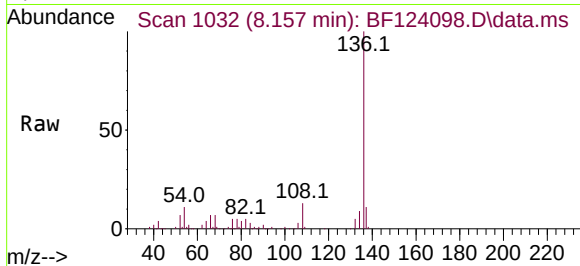




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF124098.D
Acq: 27 May 2021 18:20

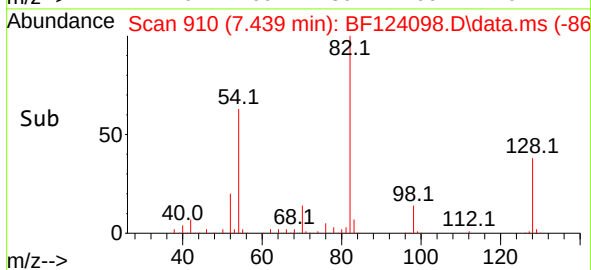
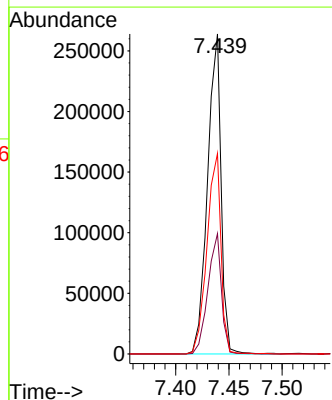
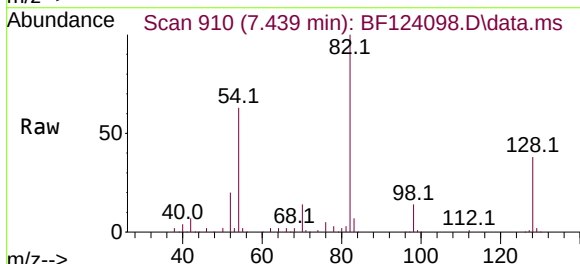
Instrument :
BNA_F
ClientSampleId :
FK-BPM-04-016-ABCD

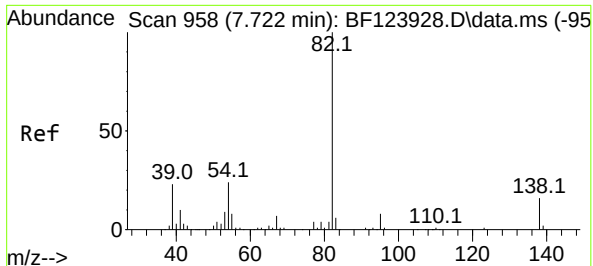
Tgt Ion:136	Resp: 138451
Ion Ratio	Lower Upper
136 100	
137 11.3	8.7 13.1
54 11.1	9.8 14.6
68 6.8	4.1 6.1#



#23
Nitrobenzene-d5
Concen: 73.05 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF124098.D
Acq: 27 May 2021 18:20

Tgt Ion: 82	Resp: 234744
Ion Ratio	Lower Upper
82 100	
128 37.6	29.4 44.2
54 62.7	54.1 81.1

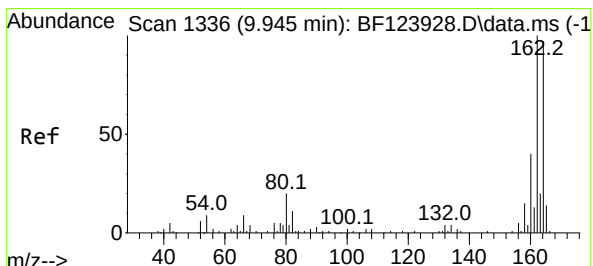
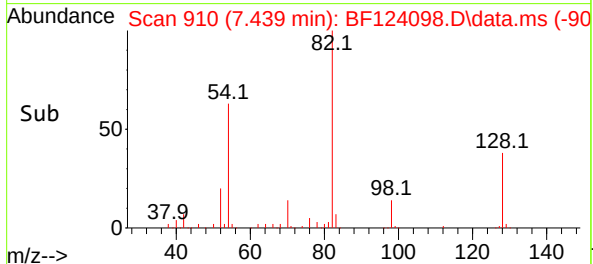
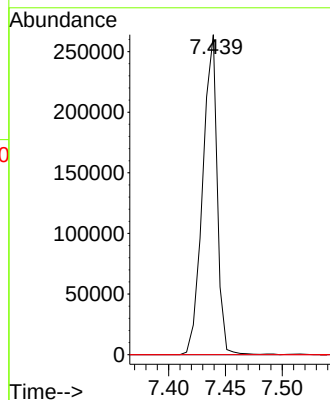
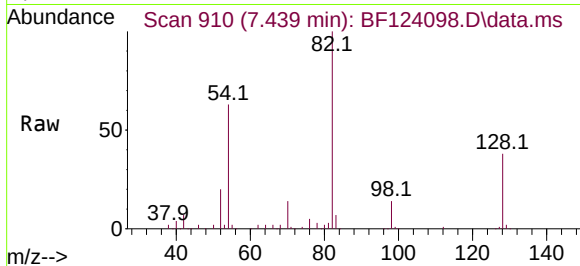




#25
Isophorone
Concen: 37.97 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.259 min
Lab File: BF124098.D
Acq: 27 May 2021 18:20

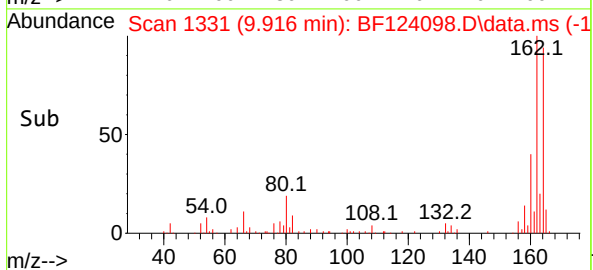
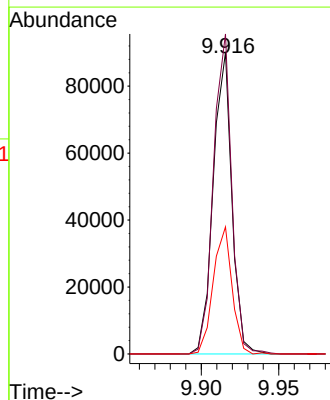
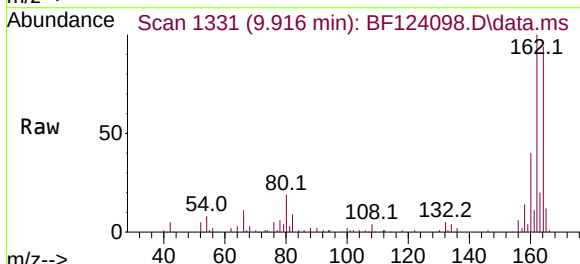
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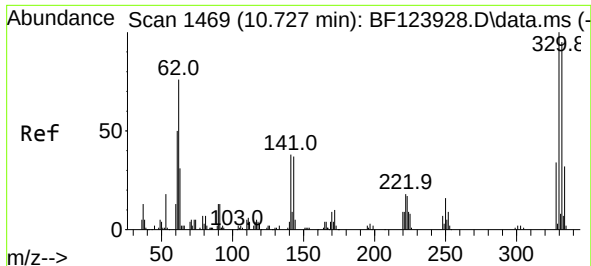
Tgt Ion: 82 Resp: 234742
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF124098.D
Acq: 27 May 2021 18:20

Tgt Ion: 164 Resp: 75161
Ion Ratio Lower Upper
164 100
162 106.1 80.7 121.1
160 42.1 37.3 55.9

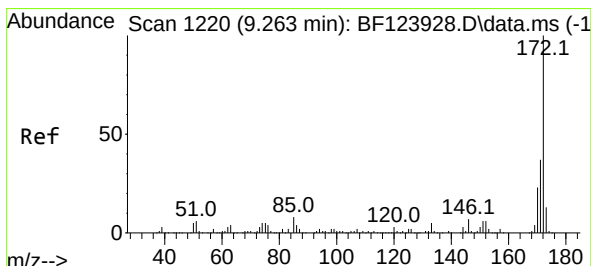
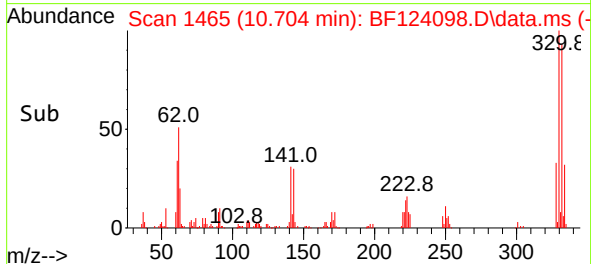
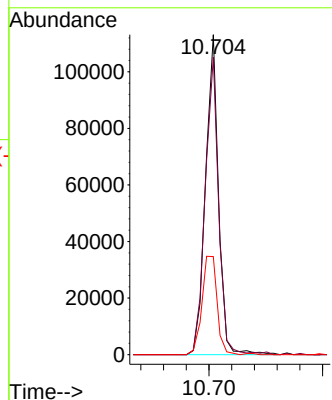
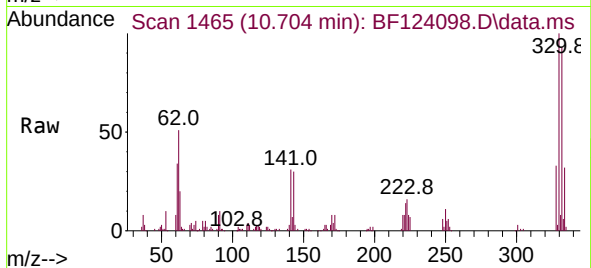




#42
2,4,6-Tribromophenol
Concen: 99.63 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BF124098.D
Acq: 27 May 2021 18:20

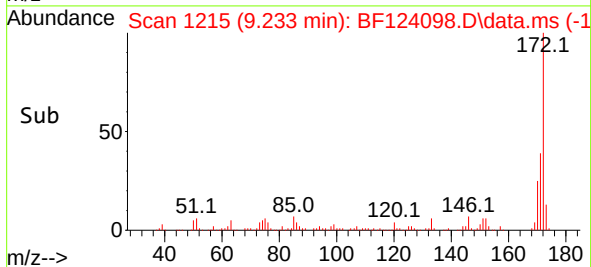
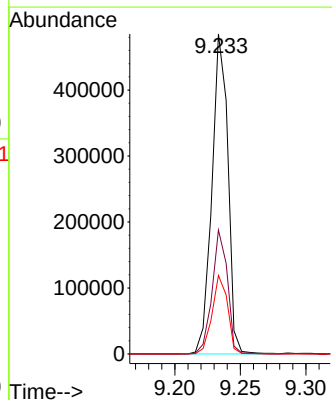
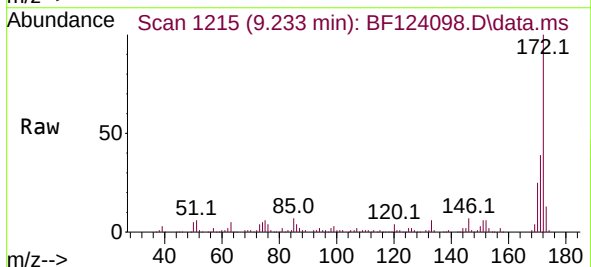
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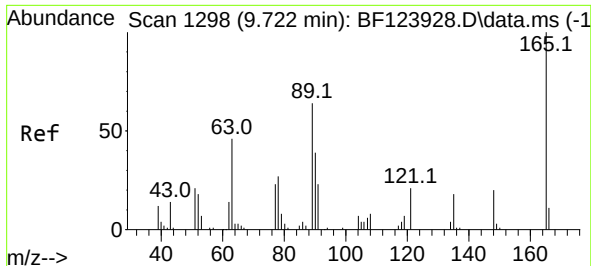
Tgt Ion: 330 Resp: 89942
Ion Ratio Lower Upper
330 100
332 96.4 77.1 115.7
141 35.6 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 67.38 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF124098.D
Acq: 27 May 2021 18:20

Tgt Ion: 172 Resp: 411543
Ion Ratio Lower Upper
172 100
171 38.8 28.1 42.1
170 24.5 19.2 28.8

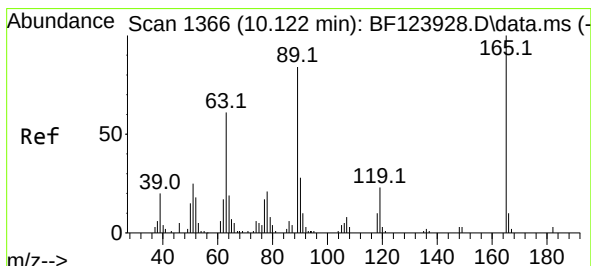
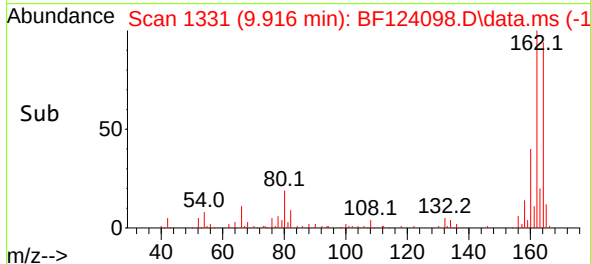
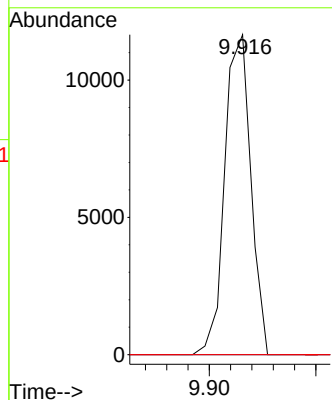
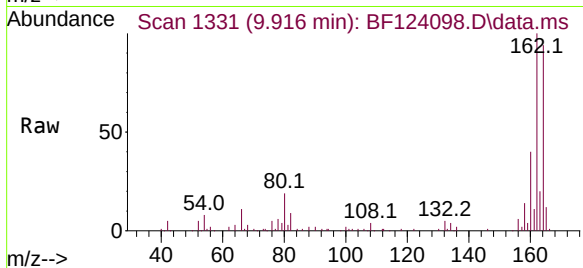




#51
2,6-Dinitrotoluene
Concen: 8.16 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.217 min
Lab File: BF124098.D
Acq: 27 May 2021 18:20

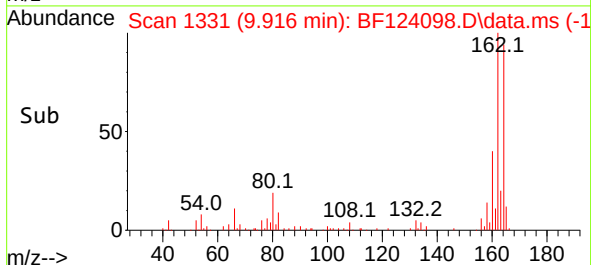
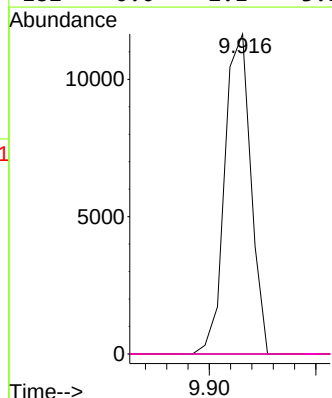
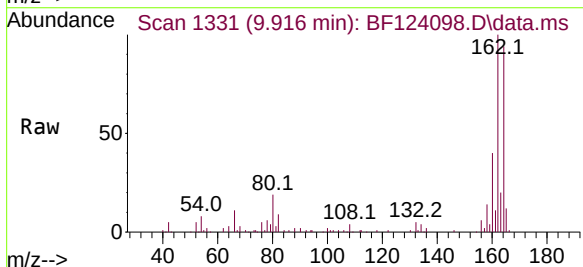
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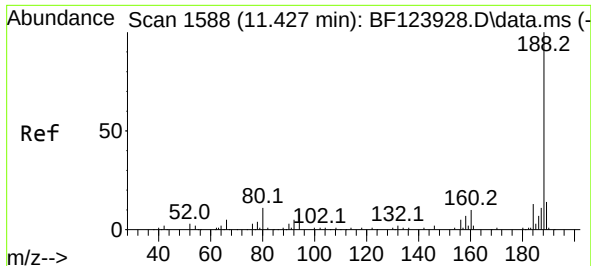
Tgt Ion:165 Resp: 9902
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 0.0 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 6.65 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF124098.D
Acq: 27 May 2021 18:20

Tgt Ion:165 Resp: 9902
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#

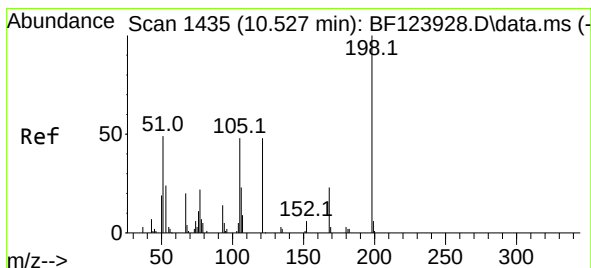
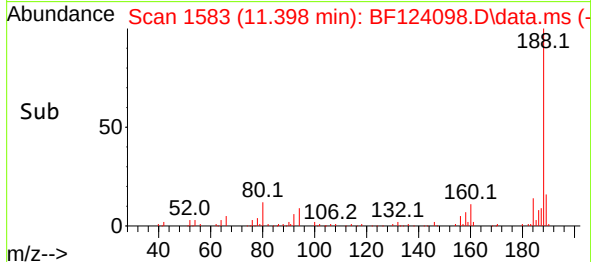
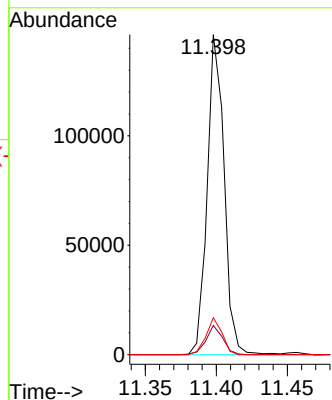
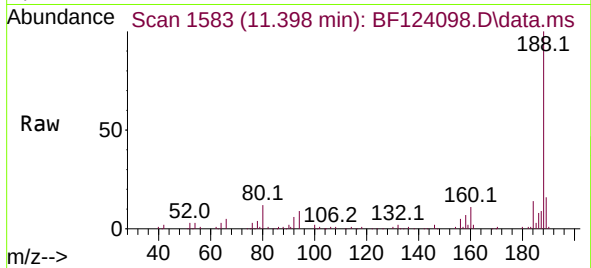




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF124098.D
Acq: 27 May 2021 18:20

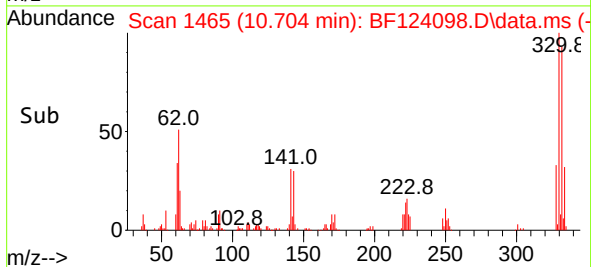
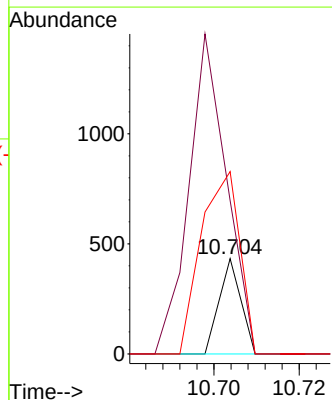
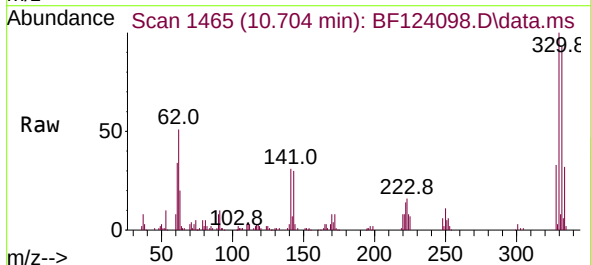
Instrument :
BNA_F
ClientSampleId :
FK-BPM-04-016-ABCD

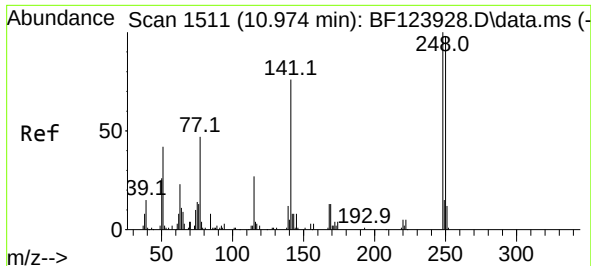
Tgt Ion:188 Resp: 121525
Ion Ratio Lower Upper
188 100
94 9.1 6.9 10.3
80 11.5 8.2 12.2



#65
4,6-Dinitro-2-methylphenol
Concen: 5.61 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.194 min
Lab File: BF124098.D
Acq: 27 May 2021 18:20

Tgt Ion:198 Resp: 153
Ion Ratio Lower Upper
198 100
51 161.0 64.8 104.8#
105 191.5 42.6 82.6#

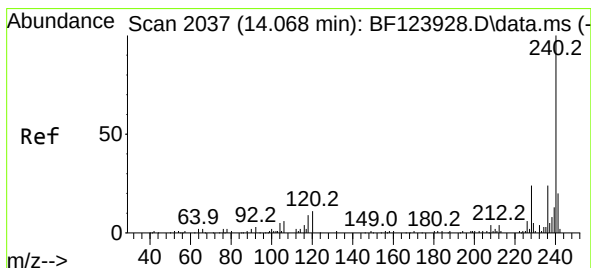
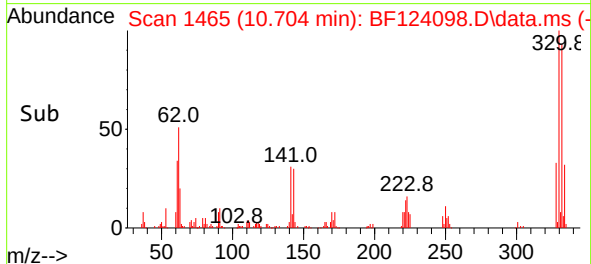
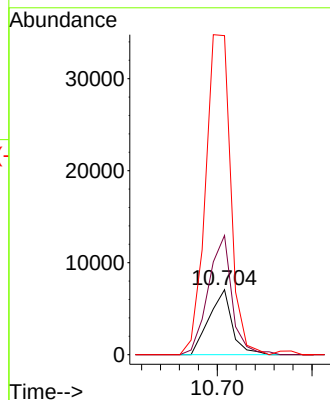
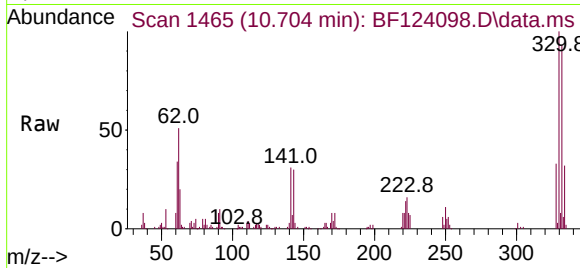




#67
4-Bromophenyl-phenylether
Concen: 3.74 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.241 min
Lab File: BF124098.D
Acq: 27 May 2021 18:20

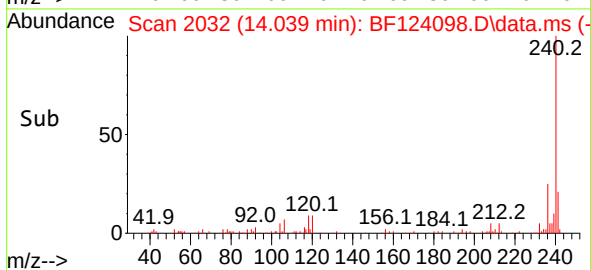
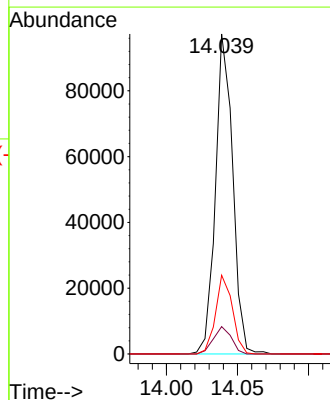
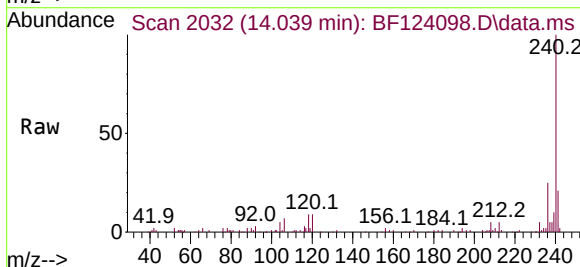
Instrument :
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ClientSampleId :
FK-BPM-04-016-ABCD

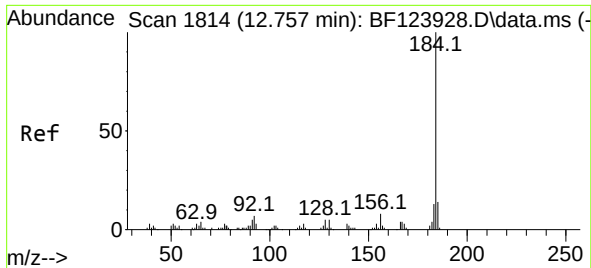
Tgt Ion:248 Resp: 5979
Ion Ratio Lower Upper
248 100
250 183.5 77.4 116.2#
141 490.8 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF124098.D
Acq: 27 May 2021 18:20

Tgt Ion:240 Resp: 81935
Ion Ratio Lower Upper
240 100
120 8.6 7.2 10.8
236 24.6 19.0 28.4

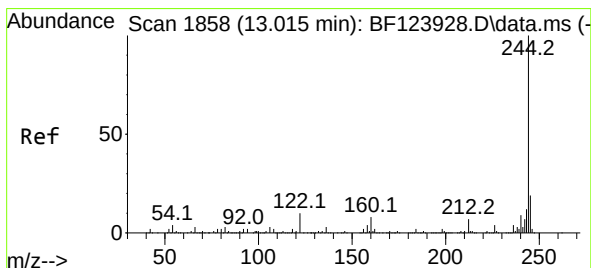
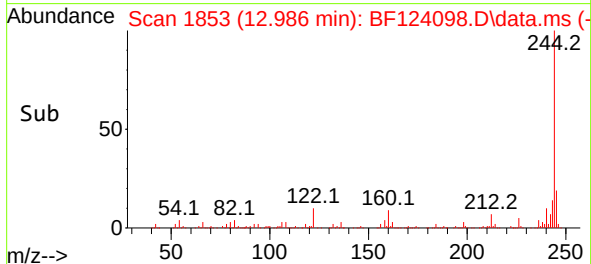
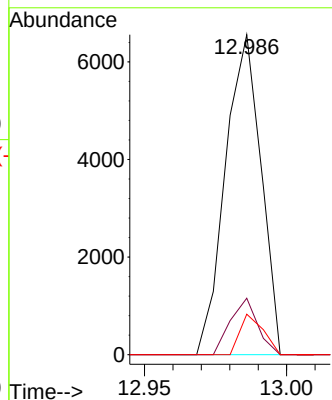
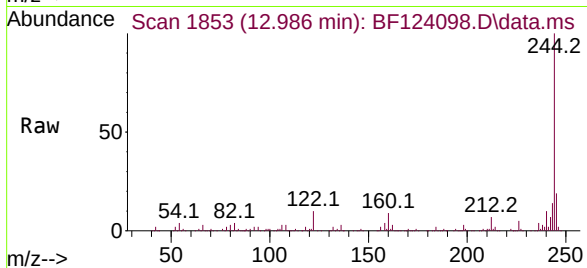




#77
Benzidine
Concen: 2.89 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.253 min
Lab File: BF124098.D
Acq: 27 May 2021 18:20

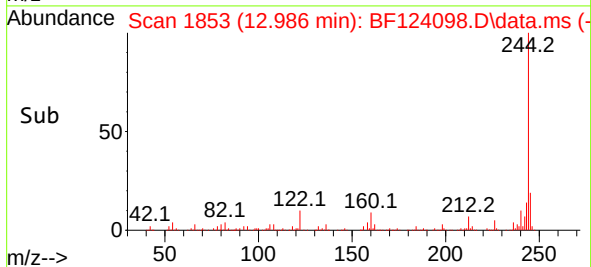
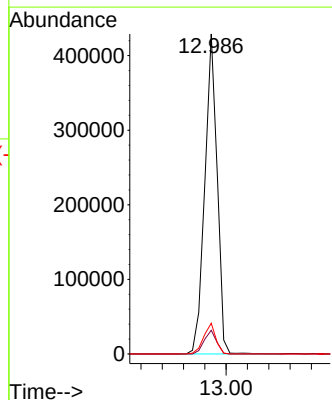
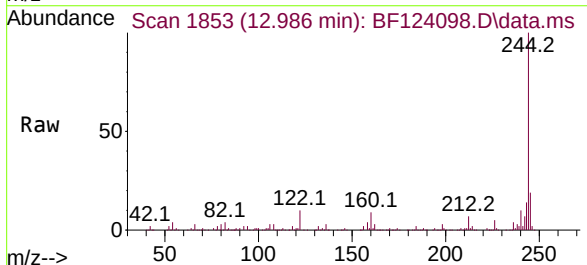
Instrument :
BNA_F
ClientSampleId :
FK-BPM-04-016-ABCD

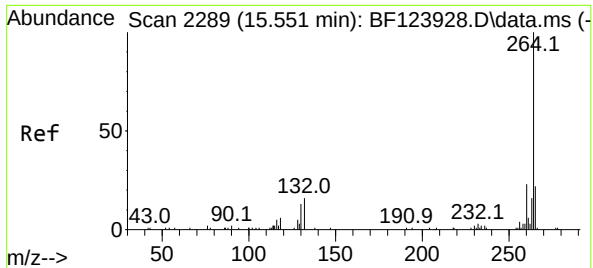
Tgt Ion:184 Resp: 5716
Ion Ratio Lower Upper
184 100
185 17.6 12.1 18.1
183 12.6 7.8 11.8#



#79
Terphenyl-d14
Concen: 64.19 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.000 min
Lab File: BF124098.D
Acq: 27 May 2021 18:20

Tgt Ion:244 Resp: 347259
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 9.6 9.7 14.5#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.527 min Scan# 2285
 Delta R.T. -0.000 min
 Lab File: BF124098.D
 Acq: 27 May 2021 18:20

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-04-016-ABCD

Tgt Ion:264	Resp:	94166
Ion Ratio	Lower	Upper
264	100	
260	21.6	18.7 28.1
265	21.4	17.8 26.8

