

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052721\
 Data File : BF124090.D
 Acq On : 27 May 2021 13:42
 Operator : JU/CG
 Sample : PB136648BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB136648BL

Quant Time: May 27 14:26:26 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)

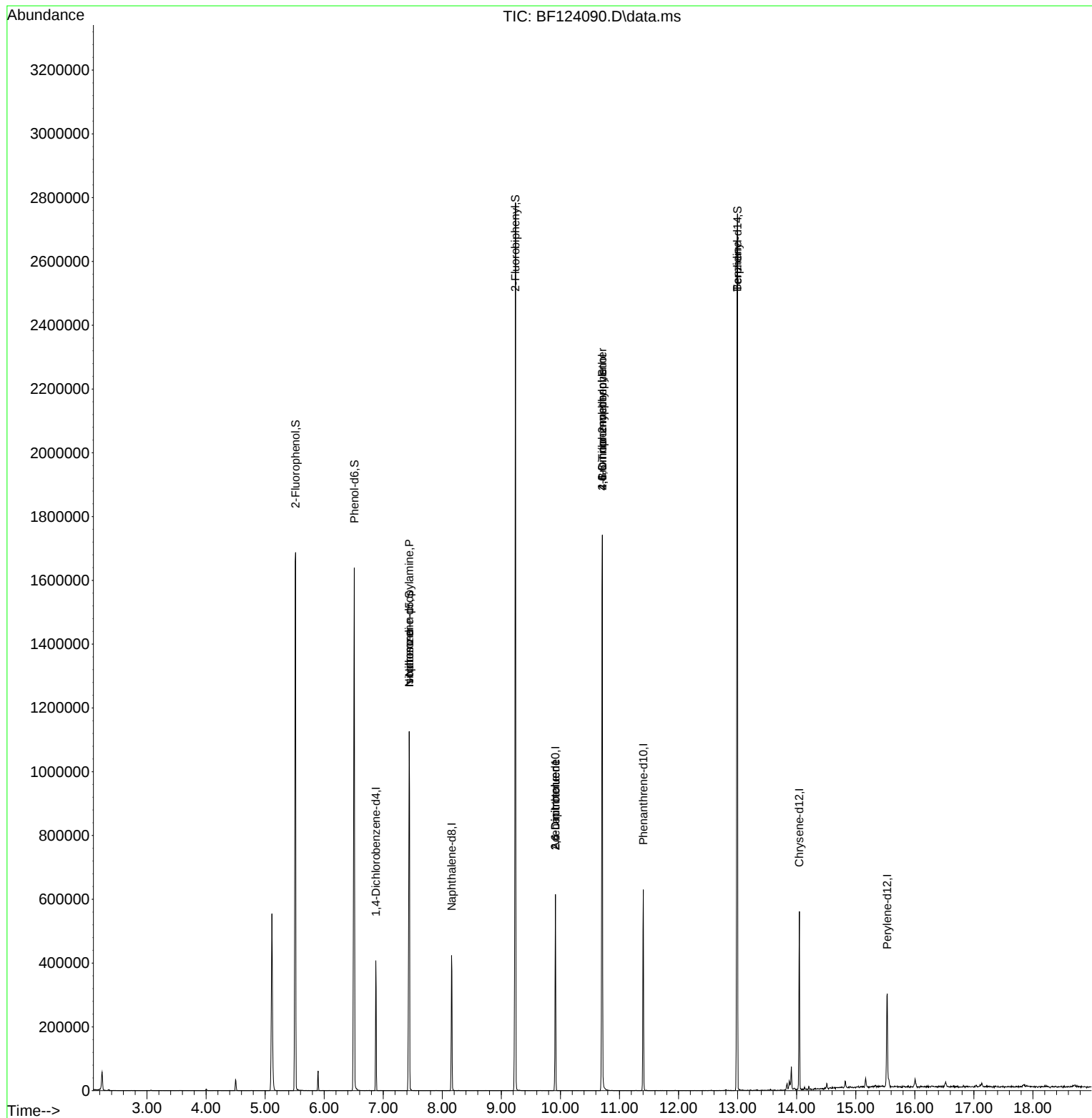
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	50404	20.00	ng	0.00
21) Naphthalene-d8	8.157	136	181952	20.00	ng	# 0.00
39) Acenaphthene-d10	9.916	164	111941	20.00	ng	0.00
64) Phenanthrene-d10	11.404	188	208327	20.00	ng	0.00
76) Chrysene-d12	14.045	240	167060	20.00	ng	0.00
86) Perylene-d12	15.533	264	127219	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	422803	117.77	ng	0.02
7) Phenol-d6	6.510	99	527181	113.20	ng	0.00
23) Nitrobenzene-d5	7.439	82	415057	98.28	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	204321	151.97	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	752403	82.71	ng	0.00
79) Terphenyl-d14	12.998	244	955239	86.60	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.439	70	59863	19.02	ng	# 70
25) Isophorone	7.439	82	415053	51.09	ng	# 69
51) 2,6-Dinitrotoluene	9.916	165	14242	7.88	ng	# 12
57) 2,4-Dinitrotoluene	9.916	165	14242	6.42	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.710	198	680	5.89	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	12938	4.73	ng	# 1
77) Benzidine	12.992	184	15333	3.80	ng	98

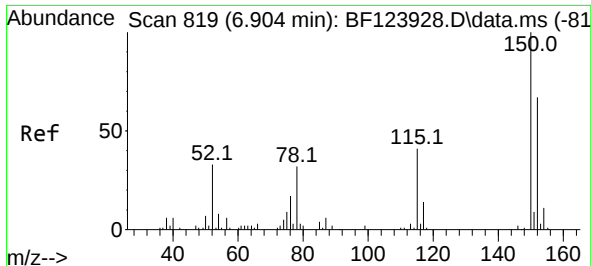
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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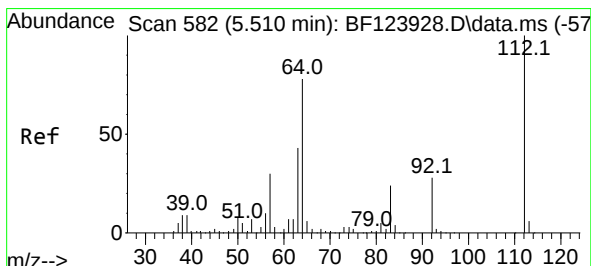
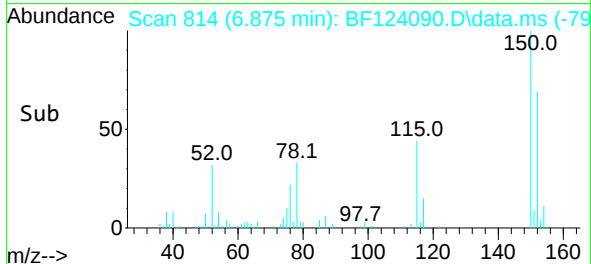
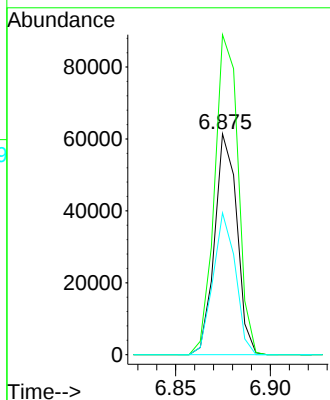
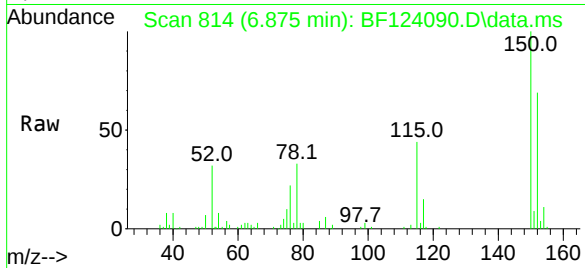




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF124090.D
Acq: 27 May 2021 13:42

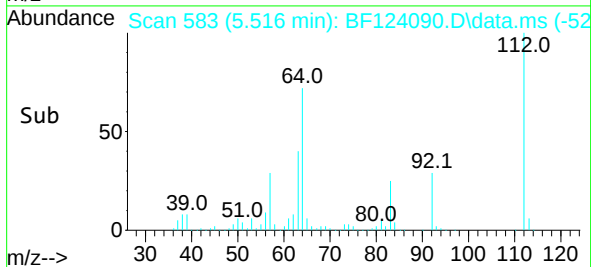
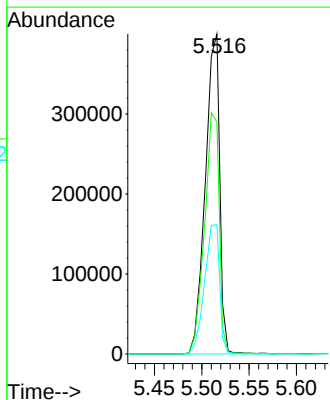
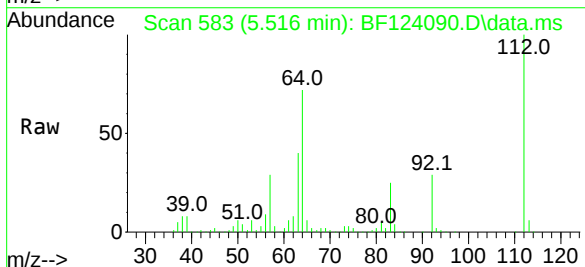
Instrument :
BNA_F
ClientSampleId :
PB136648BL

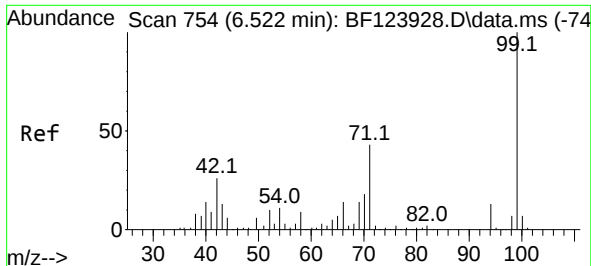
Tgt Ion:152 Resp: 50404
Ion Ratio Lower Upper
152 100
150 145.0 127.0 190.6
115 64.2 54.3 81.5



#5
2-Fluorophenol
Concen: 117.77 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.023 min
Lab File: BF124090.D
Acq: 27 May 2021 13:42

Tgt Ion:112 Resp: 422803
Ion Ratio Lower Upper
112 100
64 72.5 61.4 92.0
63 40.4 33.0 49.4

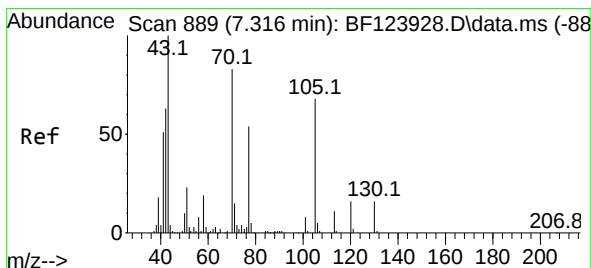
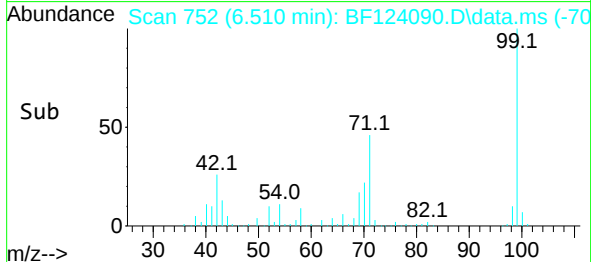
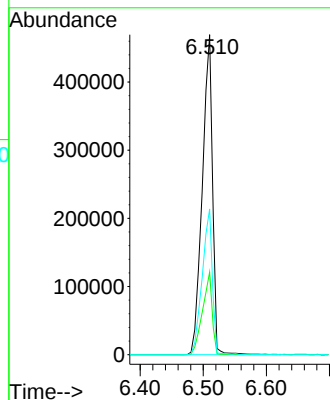
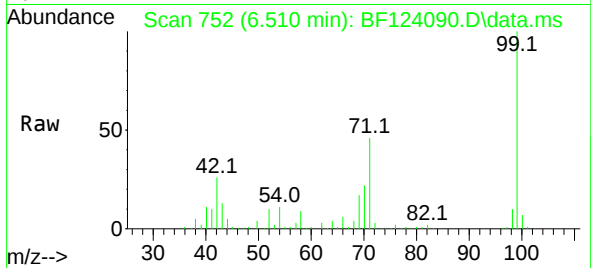




#7
Phenol-d6
Concen: 113.20 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF124090.D
Acq: 27 May 2021 13:42

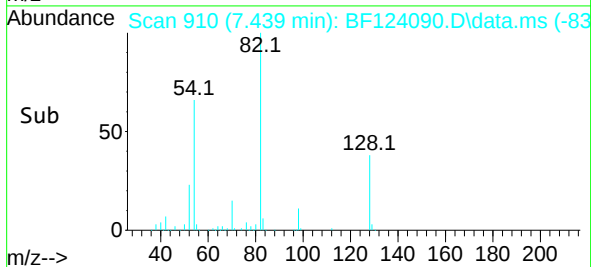
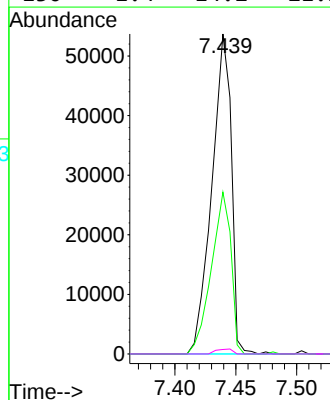
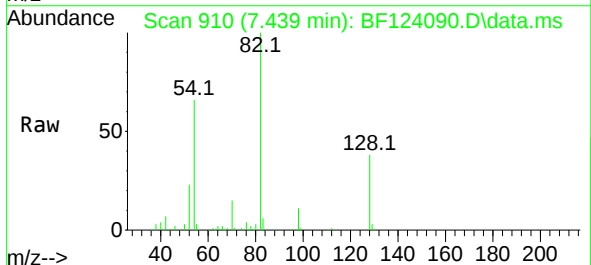
Instrument :
BNA_F
ClientSampleId :
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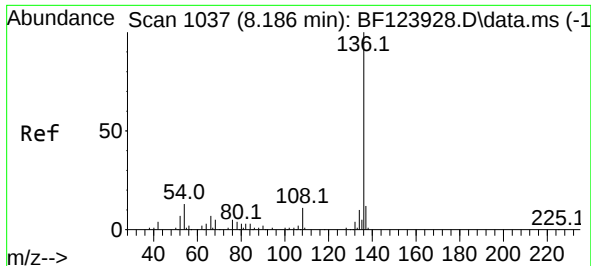
Tgt Ion: 99 Resp: 527181
Ion Ratio Lower Upper
99 100
42 25.9 19.8 29.8
71 45.6 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 19.02 ng
RT: 7.439 min Scan# 910
Delta R.T. 0.147 min
Lab File: BF124090.D
Acq: 27 May 2021 13:42

Tgt Ion: 70 Resp: 59863
Ion Ratio Lower Upper
70 100
42 50.6 60.1 90.1#
101 0.0 7.4 11.2#
130 1.4 14.2 21.2#

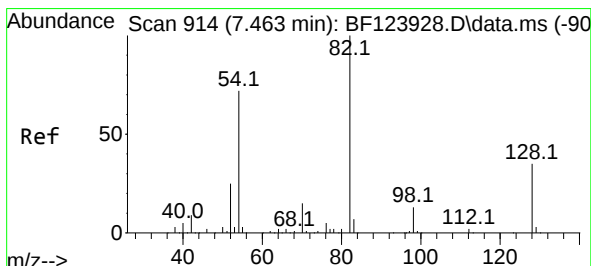
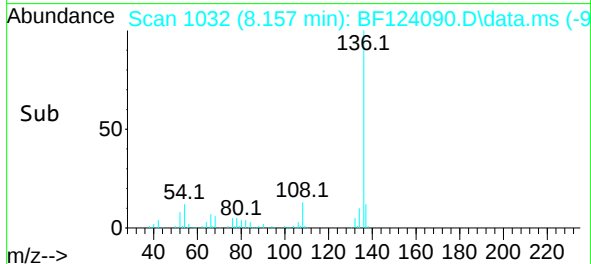
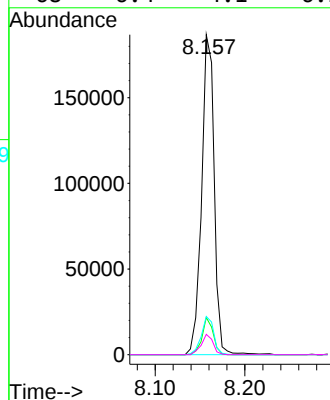
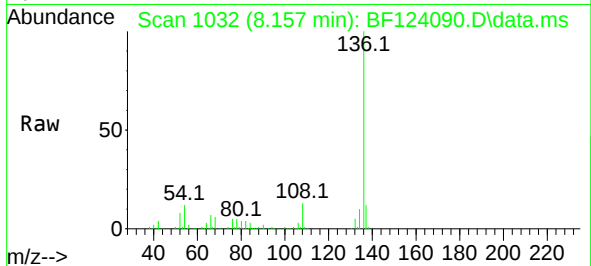




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF124090.D
Acq: 27 May 2021 13:42

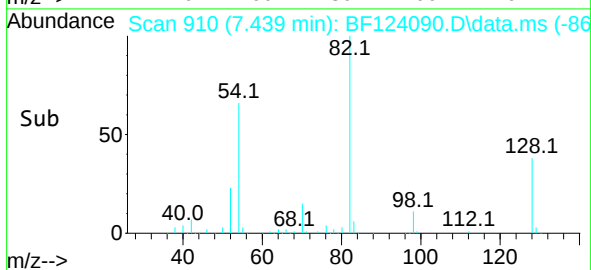
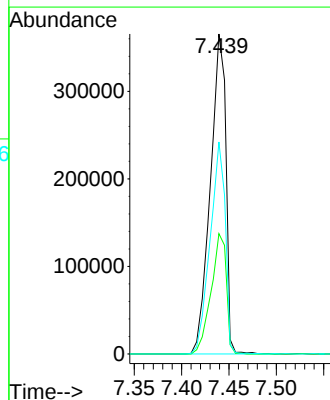
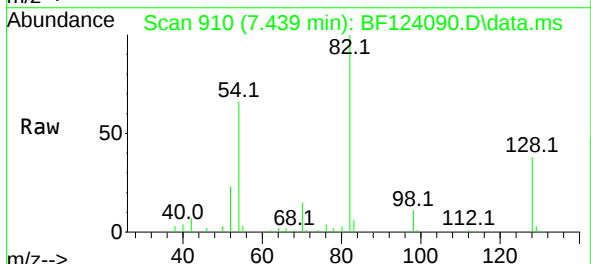
Instrument :
BNA_F
ClientSampleId :
PB136648BL

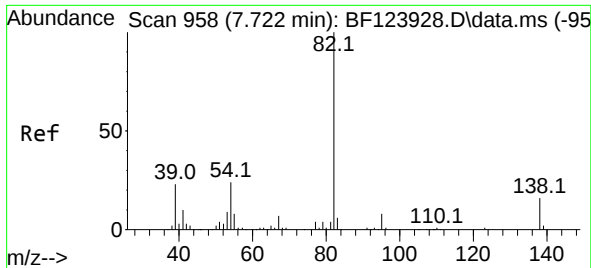
Tgt Ion:136	Resp: 181952
Ion Ratio	Lower Upper
136 100	
137 11.6	8.7 13.1
54 11.9	9.8 14.6
68 6.4	4.1 6.1#



#23
Nitrobenzene-d5
Concen: 98.28 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF124090.D
Acq: 27 May 2021 13:42

Tgt Ion: 82	Resp: 415057
Ion Ratio	Lower Upper
82 100	
128 37.6	29.4 44.2
54 66.3	54.1 81.1

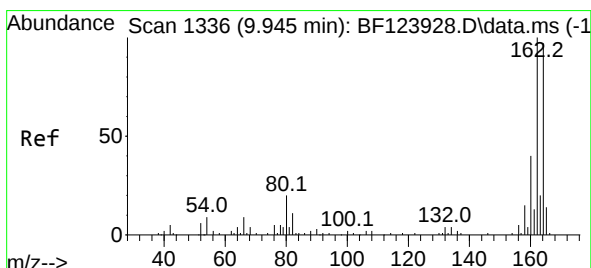
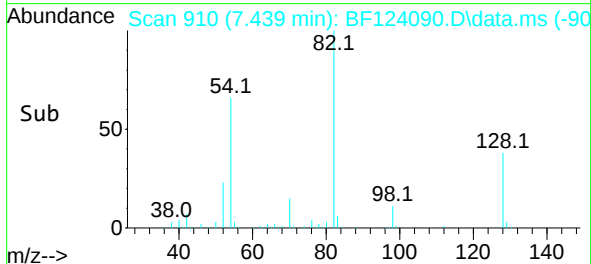
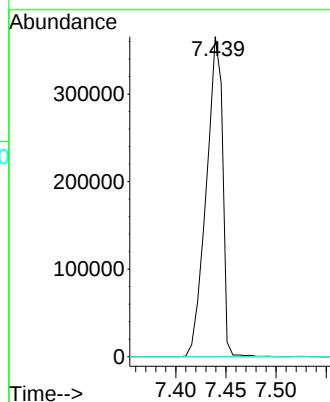
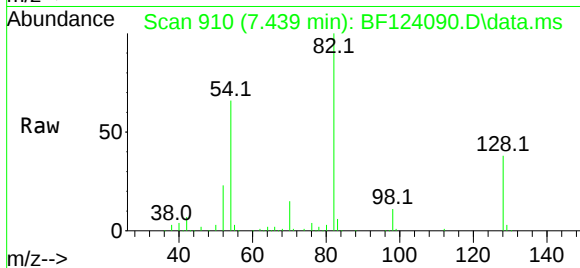




#25
Isophorone
Concen: 51.09 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.259 min
Lab File: BF124090.D
Acq: 27 May 2021 13:42

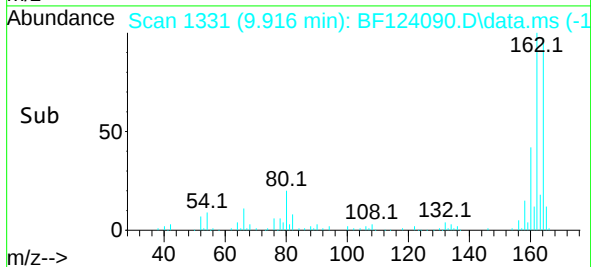
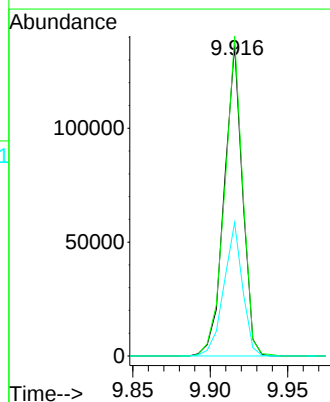
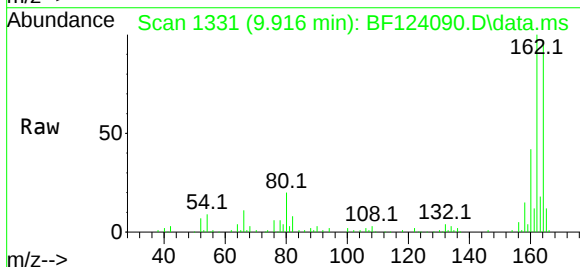
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ClientSampleId :
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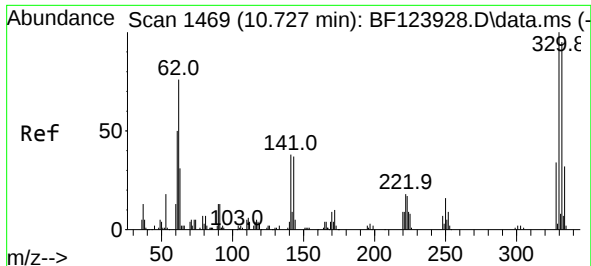
Tgt Ion: 82 Resp: 415053
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF124090.D
Acq: 27 May 2021 13:42

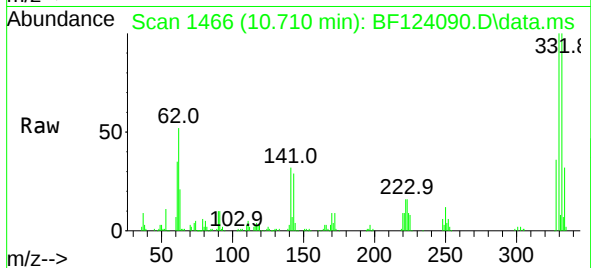
Tgt Ion: 164 Resp: 111941
Ion Ratio Lower Upper
164 100
162 102.9 80.7 121.1
160 42.9 37.3 55.9



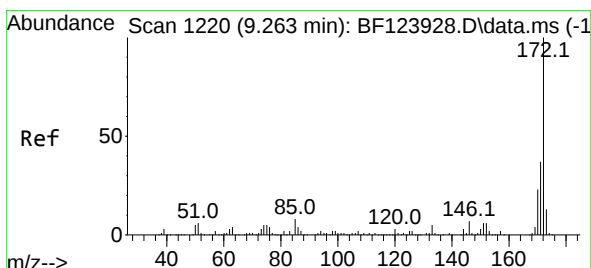
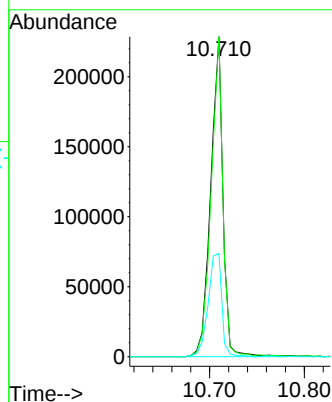
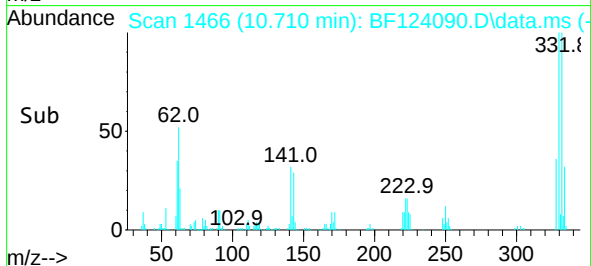


#42
2,4,6-Tribromophenol
Concen: 151.97 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.006 min
Lab File: BF124090.D
Acq: 27 May 2021 13:42

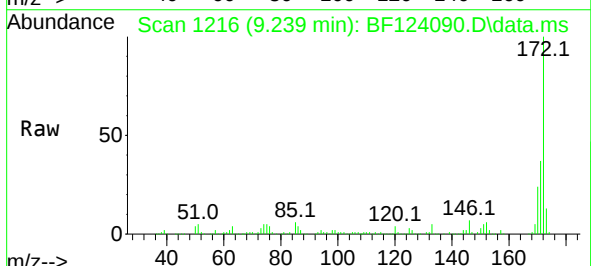
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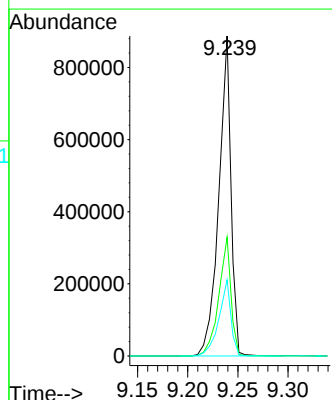
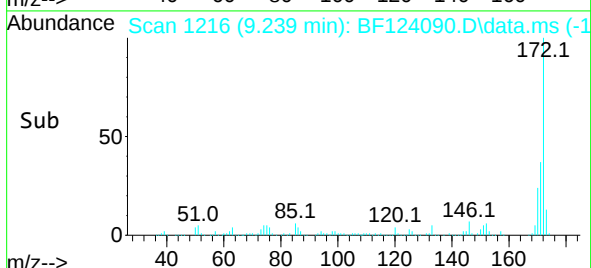
Tgt Ion: 330 Resp: 204321
Ion Ratio Lower Upper
330 100
332 96.4 77.1 115.7
141 36.0 27.9 41.9

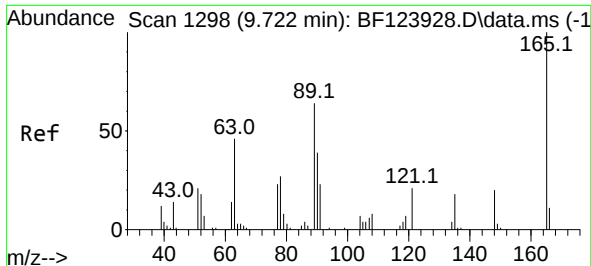


#45
2-Fluorobiphenyl
Concen: 82.71 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.000 min
Lab File: BF124090.D
Acq: 27 May 2021 13:42



Tgt Ion: 172 Resp: 752403
Ion Ratio Lower Upper
172 100
171 37.1 28.1 42.1
170 23.8 19.2 28.8

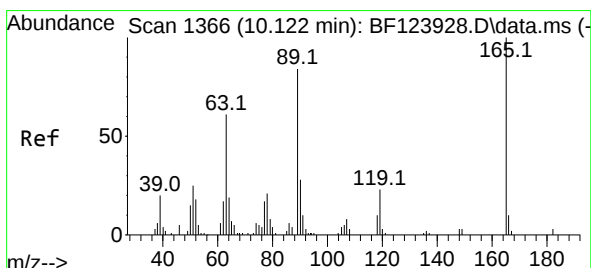
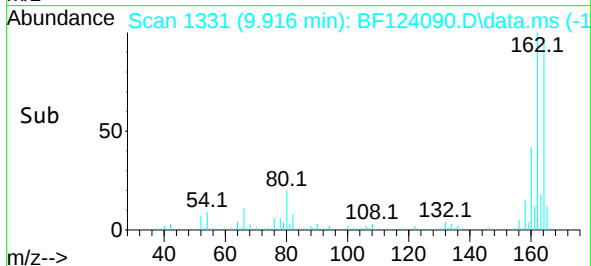
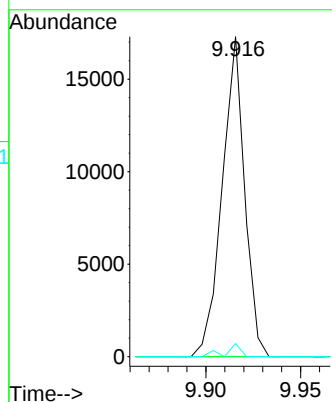
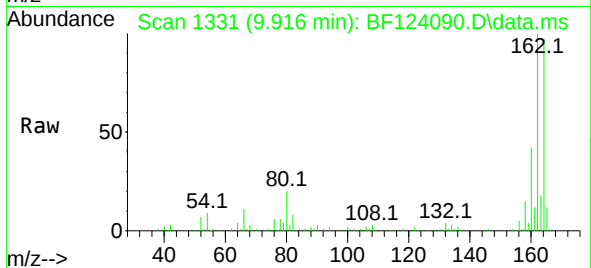




#51
2,6-Dinitrotoluene
Concen: 7.88 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.218 min
Lab File: BF124090.D
Acq: 27 May 2021 13:42

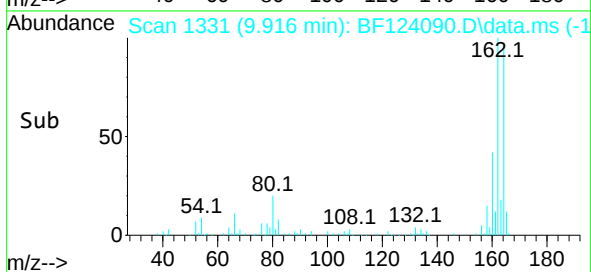
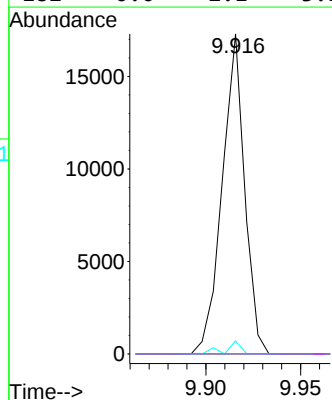
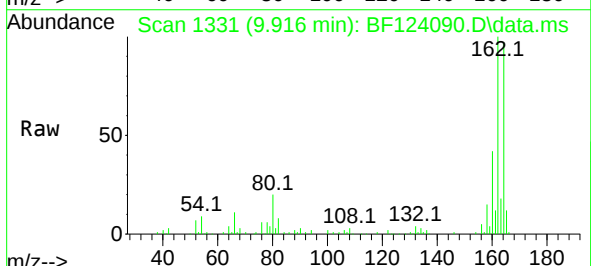
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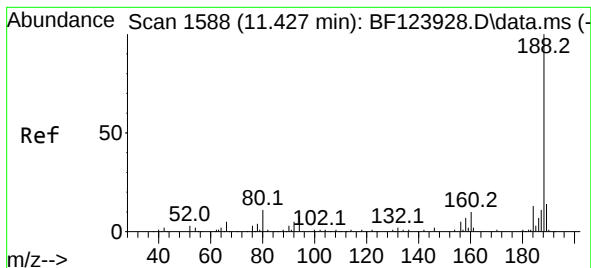
Tgt Ion:165 Resp: 14242
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 4.1 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 6.42 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF124090.D
Acq: 27 May 2021 13:42

Tgt Ion:165 Resp: 14242
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 4.1 67.7 101.5#
182 0.0 2.1 3.1#

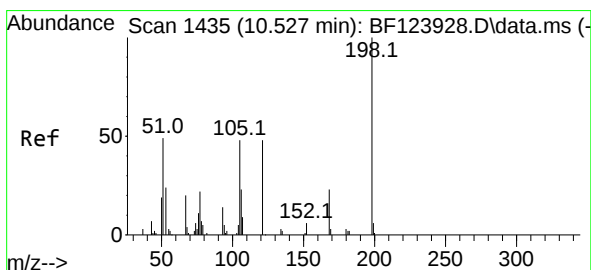
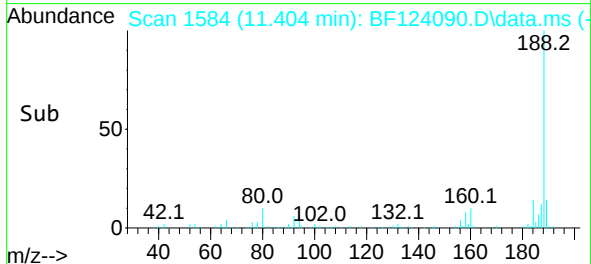
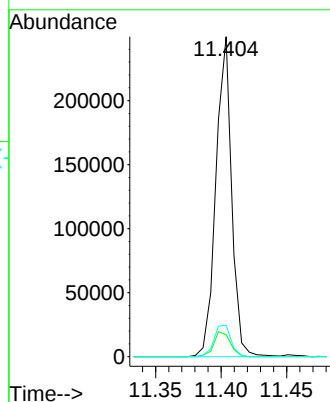
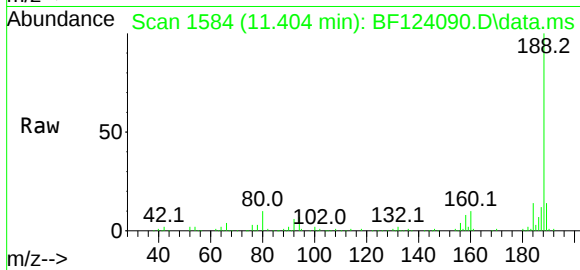




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF124090.D
Acq: 27 May 2021 13:42

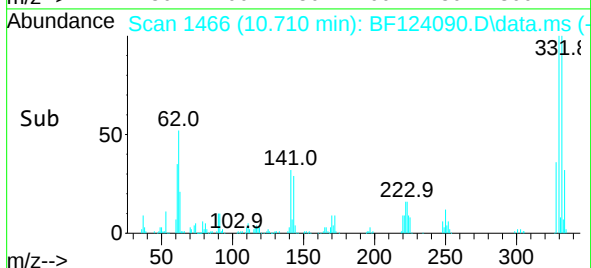
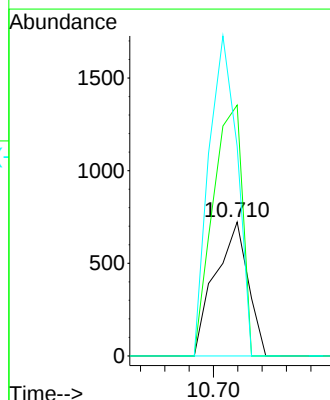
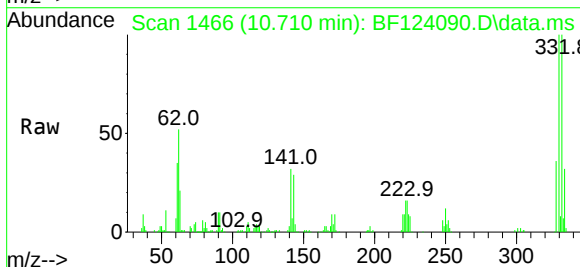
Instrument :
BNA_F
ClientSampleId :
PB136648BL

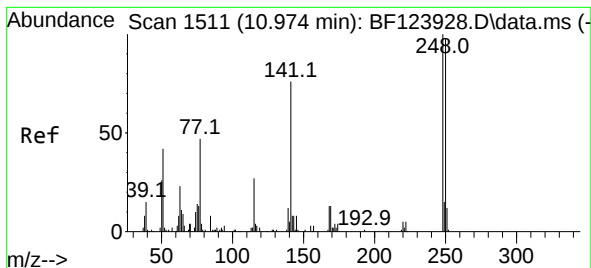
Tgt Ion:188 Resp: 208327
Ion Ratio Lower Upper
188 100
94 6.9 6.9 10.3
80 9.9 8.2 12.2



#65
4,6-Dinitro-2-methylphenol
Concen: 5.89 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.200 min
Lab File: BF124090.D
Acq: 27 May 2021 13:42

Tgt Ion:198 Resp: 680
Ion Ratio Lower Upper
198 100
51 187.3 64.8 104.8#
105 156.4 42.6 82.6#

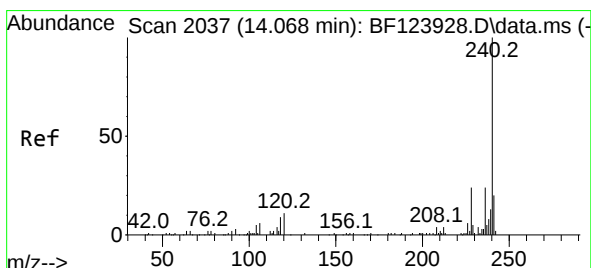
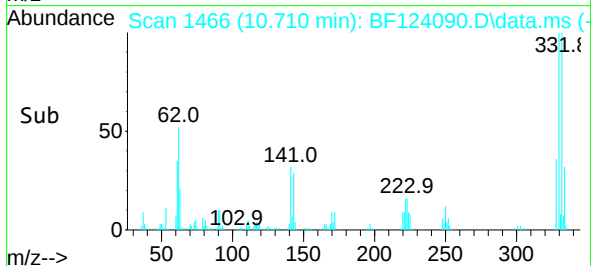
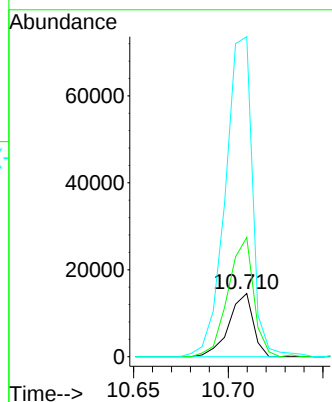
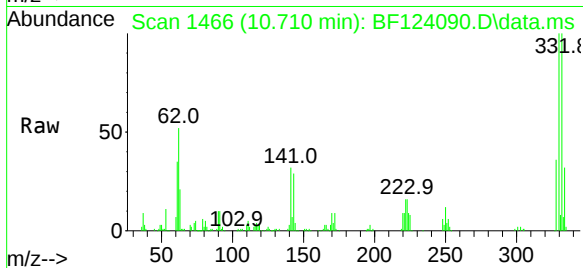




#67
4-Bromophenyl-phenylether
Concen: 4.73 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.235 min
Lab File: BF124090.D
Acq: 27 May 2021 13:42

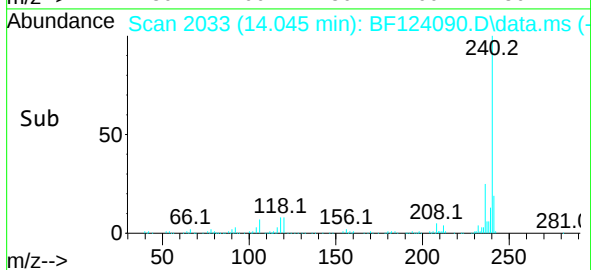
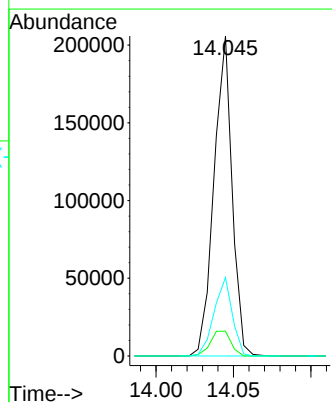
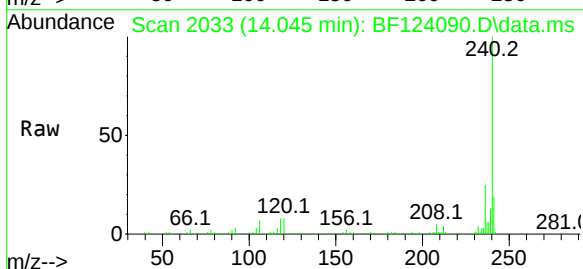
Instrument :
BNA_F
ClientSampleId :
PB136648BL

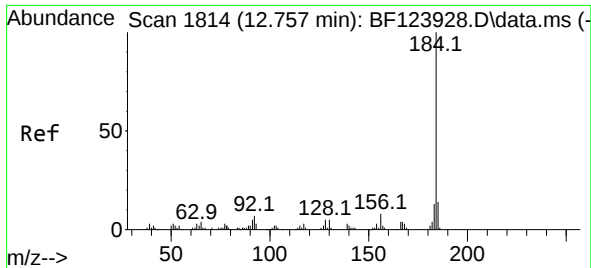
Tgt Ion:248 Resp: 12938
Ion Ratio Lower Upper
248 100
250 188.5 77.4 116.2#
141 505.7 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF124090.D
Acq: 27 May 2021 13:42

Tgt Ion:240 Resp: 167060
Ion Ratio Lower Upper
240 100
120 7.8 7.2 10.8
236 24.5 19.0 28.4

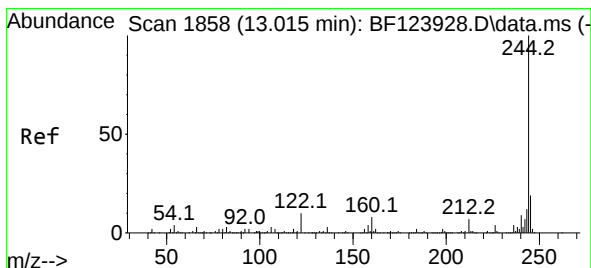
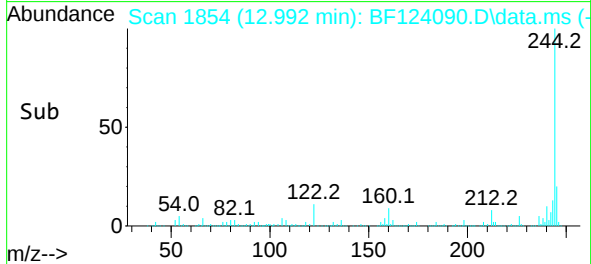
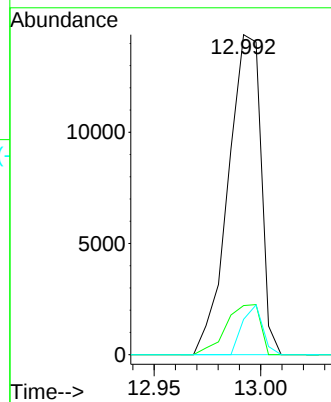
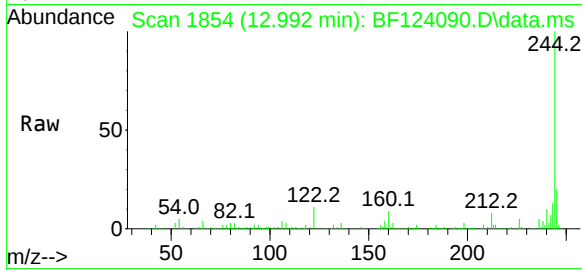




#77
Benzidine
Concen: 3.80 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.259 min
Lab File: BF124090.D
Acq: 27 May 2021 13:42

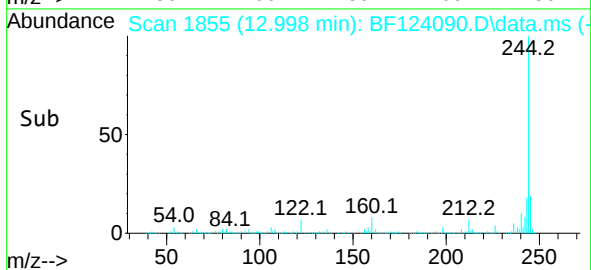
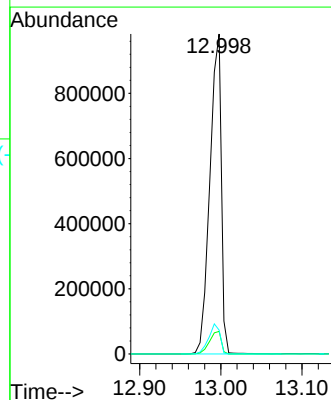
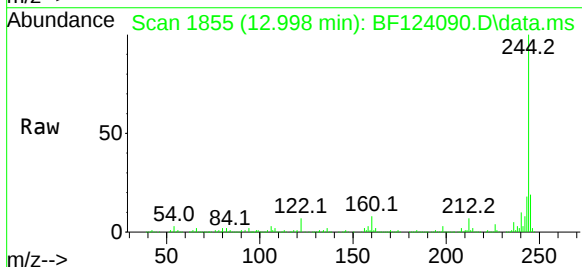
Instrument :
BNA_F
ClientSampleId :
PB136648BL

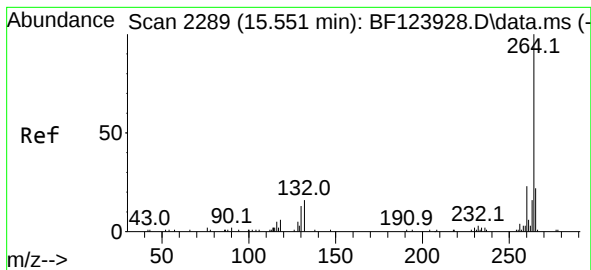
Tgt Ion:184 Resp: 15333
Ion Ratio Lower Upper
184 100
185 15.3 12.1 18.1
183 11.1 7.8 11.8



#79
Terphenyl-d14
Concen: 86.60 ng
RT: 12.998 min Scan# 1855
Delta R.T. 0.012 min
Lab File: BF124090.D
Acq: 27 May 2021 13:42

Tgt Ion:244 Resp: 955239
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 7.5 9.7 14.5#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.533 min Scan# 2286
 Delta R.T. 0.006 min
 Lab File: BF124090.D
 Acq: 27 May 2021 13:42

Instrument :
 BNA_F
 ClientSampleId :
 PB136648BL

Tgt Ion:264 Resp: 127219
 Ion Ratio Lower Upper
 264 100
 260 22.1 18.7 28.1
 265 21.2 17.8 26.8

