

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052821\
 Data File : BF124108.D
 Acq On : 28 May 2021 15:44
 Operator : JU/CG
 Sample : PB136683BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB136683BL

Quant Time: May 28 16:30:58 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)

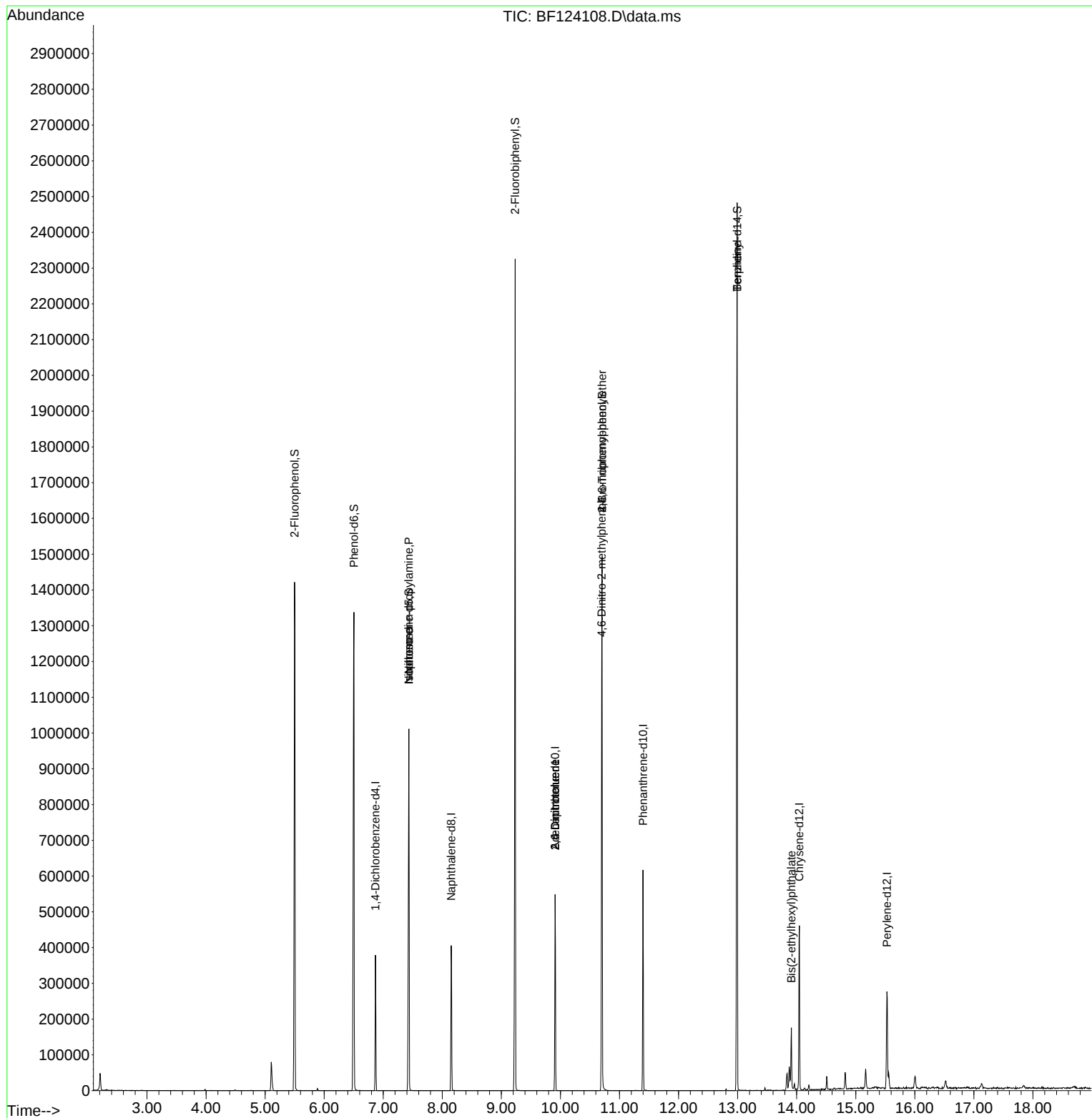
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	45226	20.00	ng	-0.01
21) Naphthalene-d8	8.151	136	170023	20.00	ng	#-0.01
39) Acenaphthene-d10	9.910	164	102291	20.00	ng	0.00
64) Phenanthrene-d10	11.398	188	188427	20.00	ng	0.00
76) Chrysene-d12	14.045	240	151727	20.00	ng	0.00
86) Perylene-d12	15.527	264	120776	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	341680	106.07	ng	0.00
7) Phenol-d6	6.504	99	418117	100.06	ng	0.00
23) Nitrobenzene-d5	7.434	82	325408	82.46	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	154769	125.97	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	608958	73.26	ng	0.00
79) Terphenyl-d14	12.992	244	733528	73.22	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	45043	15.95	ng	# 71
25) Isophorone	7.434	82	325402	42.87	ng	# 69
51) 2,6-Dinitrotoluene	9.910	165	12951	7.84	ng	# 11
57) 2,4-Dinitrotoluene	9.910	165	12951	6.39	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.698	198	353	5.70	ng	# 1
67) 4-Bromophenyl-phenylether	10.704	248	11118	4.49	ng	# 1
77) Benzidine	12.992	184	12681	3.46	ng	94
84) Bis(2-ethylhexyl)phtha...	13.910	149	43528	5.84	ng	# 53

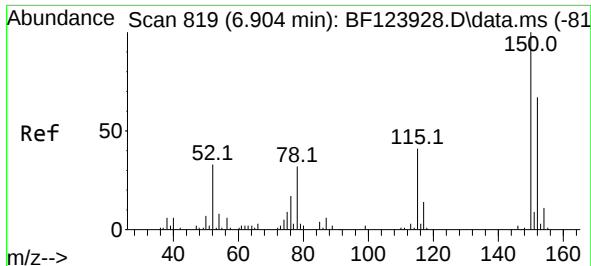
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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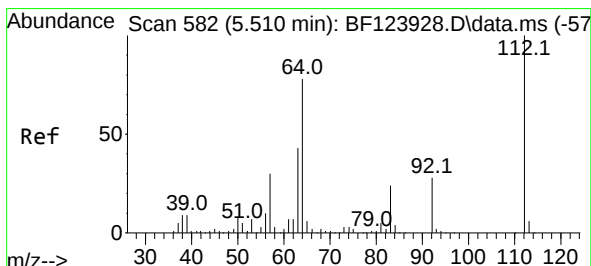
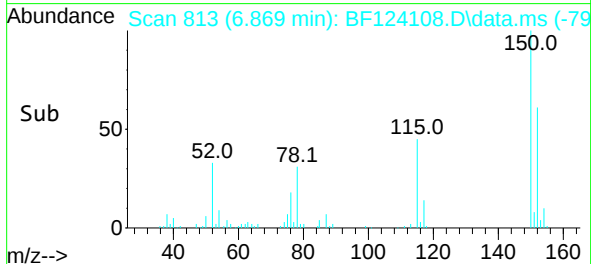
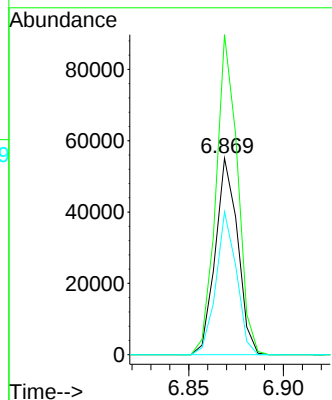
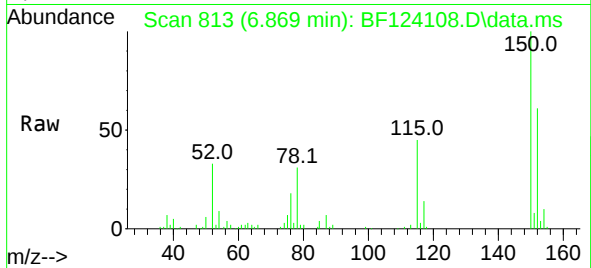




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.012 min
Lab File: BF124108.D
Acq: 28 May 2021 15:44

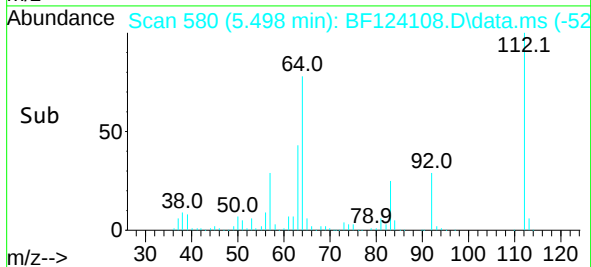
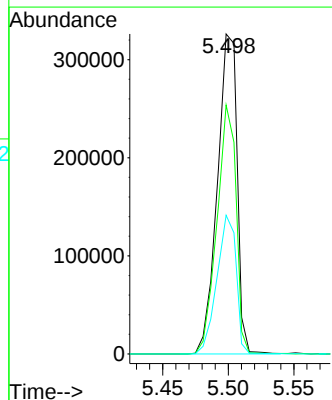
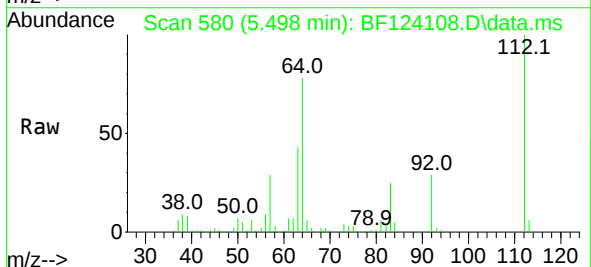
Instrument :
BNA_F
ClientSampled :
PB136683BL

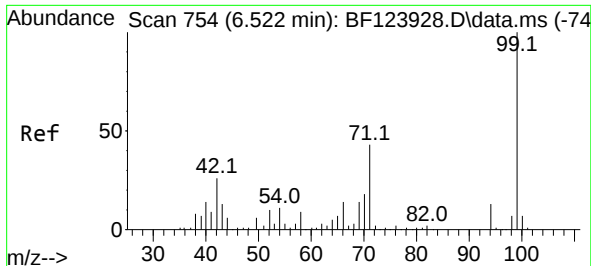
Tgt Ion:152 Resp: 45226
Ion Ratio Lower Upper
152 100
150 162.9 127.0 190.6
115 72.8 54.3 81.5



#5
2-Fluorophenol
Concen: 106.07 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF124108.D
Acq: 28 May 2021 15:44

Tgt Ion:112 Resp: 341680
Ion Ratio Lower Upper
112 100
64 77.8 61.4 92.0
63 43.4 33.0 49.4

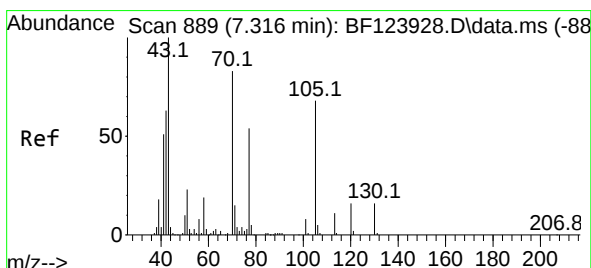
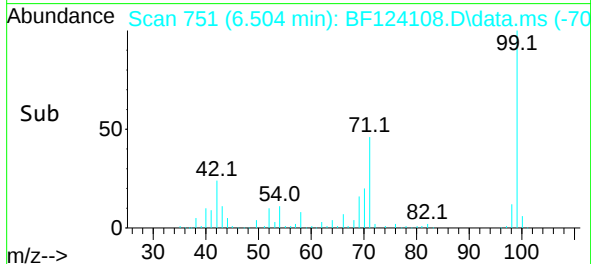
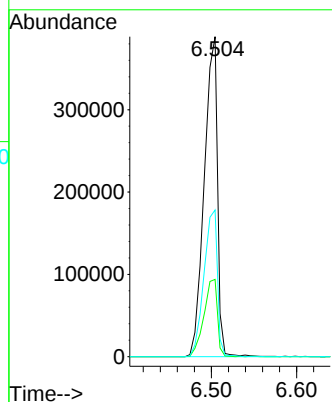
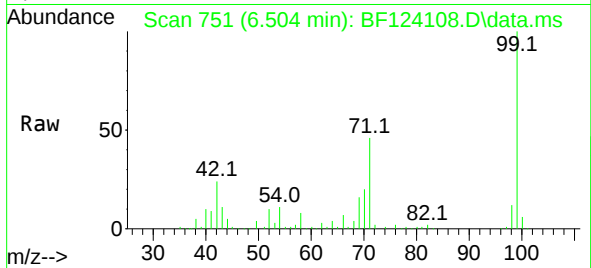




#7
Phenol-d6
Concen: 100.06 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF124108.D
Acq: 28 May 2021 15:44

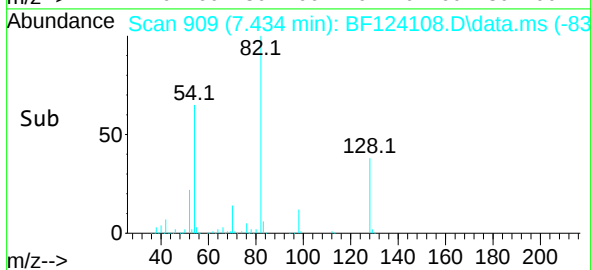
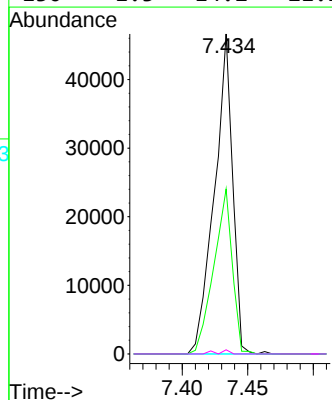
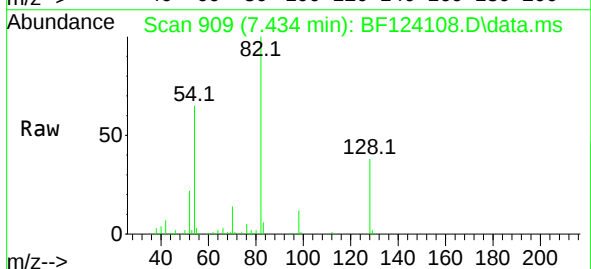
Instrument :
BNA_F
ClientSampleId :
PB136683BL

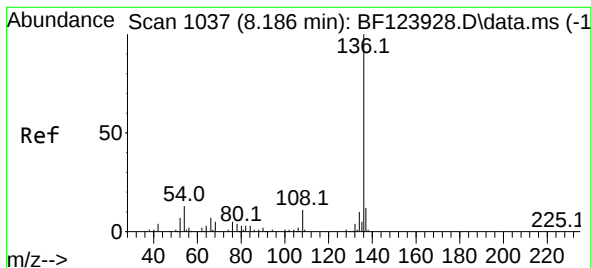
Tgt Ion: 99 Resp: 418117
Ion Ratio Lower Upper
99 100
42 24.2 19.8 29.8
71 45.9 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 15.95 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF124108.D
Acq: 28 May 2021 15:44

Tgt Ion: 70 Resp: 45043
Ion Ratio Lower Upper
70 100
42 51.5 60.1 90.1#
101 0.0 7.4 11.2#
130 1.3 14.2 21.2#



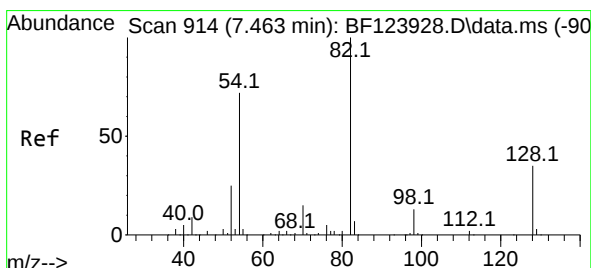
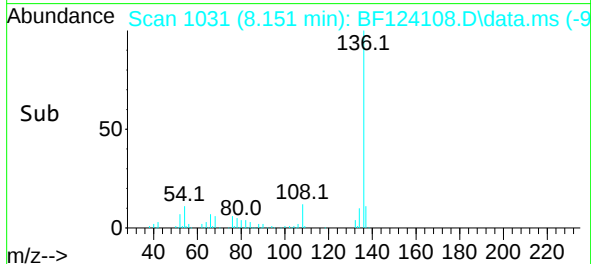
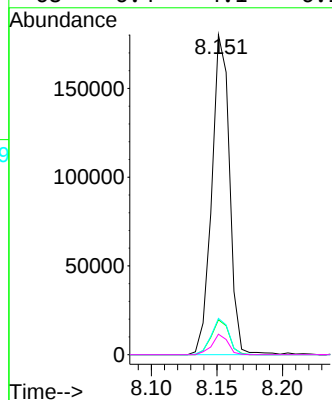
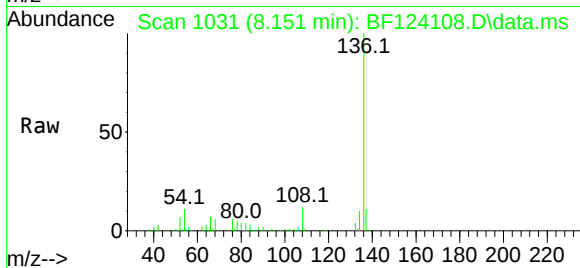


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.012 min
Lab File: BF124108.D
Acq: 28 May 2021 15:44

Instrument :
BNA_F
ClientSampleId :
PB136683BL

Tgt Ion:136 Resp: 170023

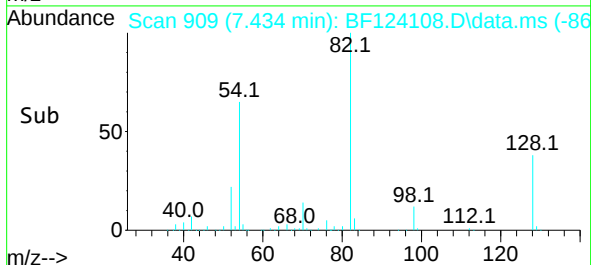
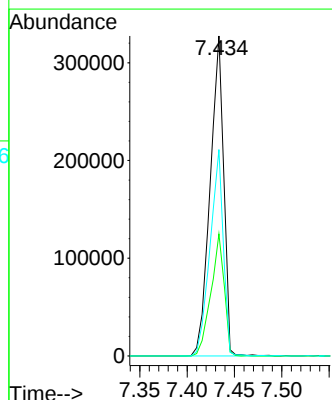
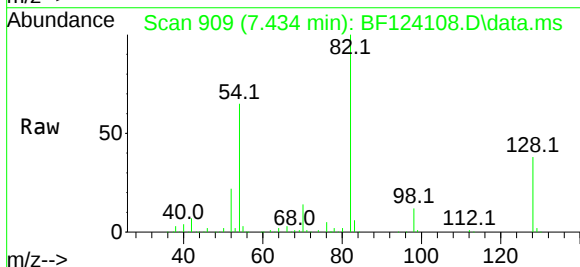
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	11.3	9.8	14.6
68	6.4	4.1	6.1

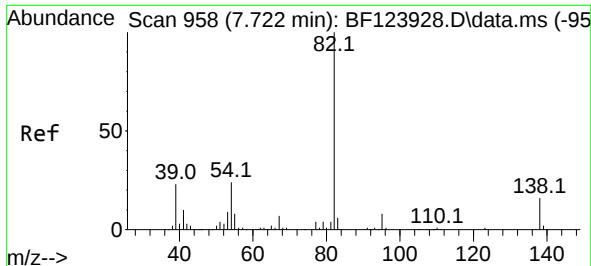


#23
Nitrobenzene-d5
Concen: 82.46 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF124108.D
Acq: 28 May 2021 15:44

Tgt Ion: 82 Resp: 325408

Ion	Ratio	Lower	Upper
82	100		
128	38.2	29.4	44.2
54	64.5	54.1	81.1

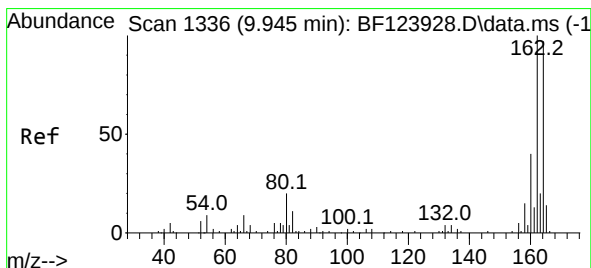
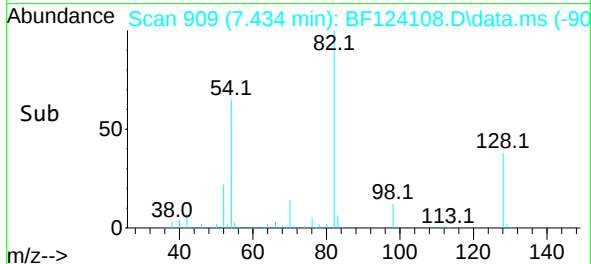
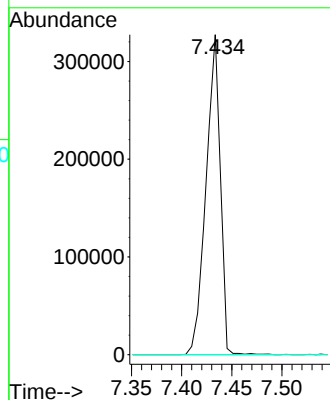
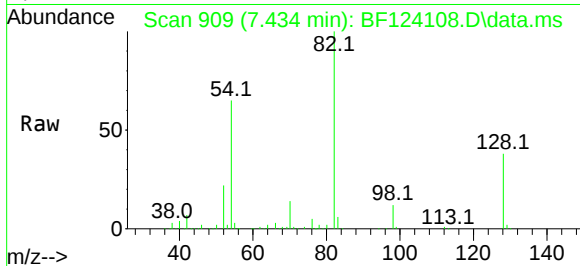




#25
Isophorone
Concen: 42.87 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF124108.D
Acq: 28 May 2021 15:44

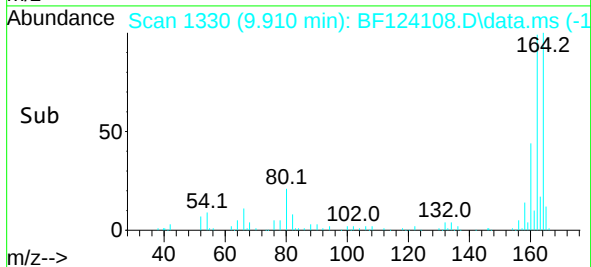
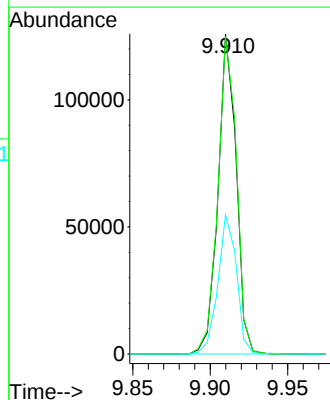
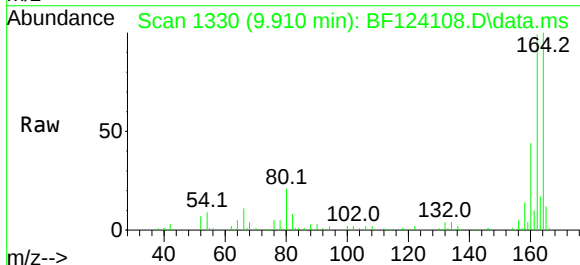
Instrument :
BNA_F
ClientSampleId :
PB136683BL

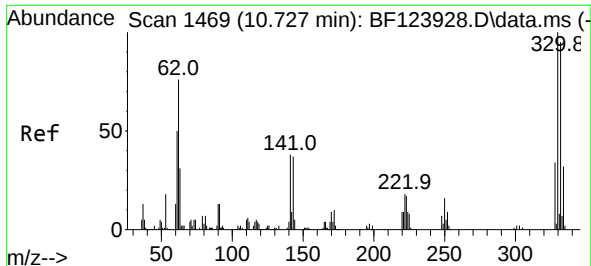
Tgt Ion: 82 Resp: 325402
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124108.D
Acq: 28 May 2021 15:44

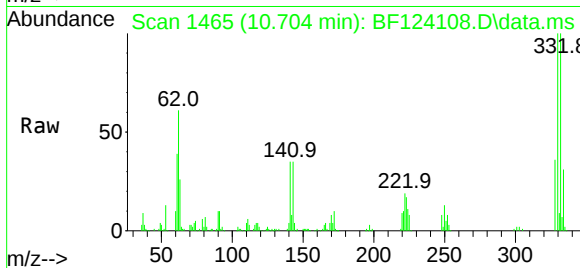
Tgt Ion: 164 Resp: 102291
Ion Ratio Lower Upper
164 100
162 99.2 80.7 121.1
160 43.5 37.3 55.9



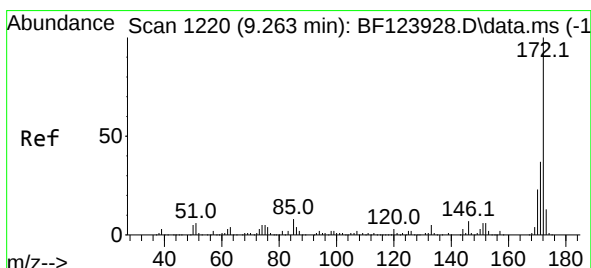
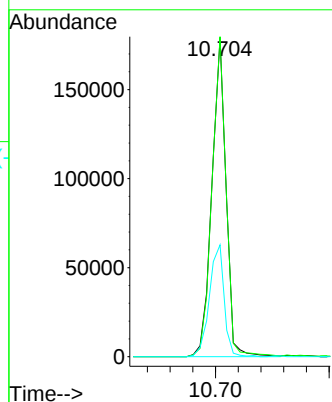
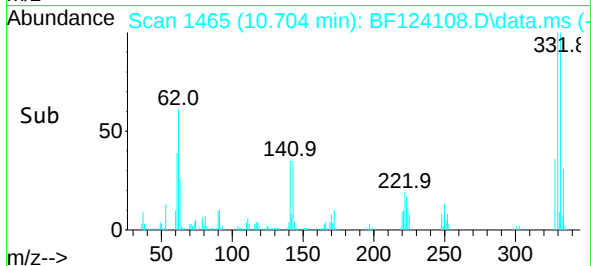


#42
2,4,6-Tribromophenol
Concen: 125.97 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BF124108.D
Acq: 28 May 2021 15:44

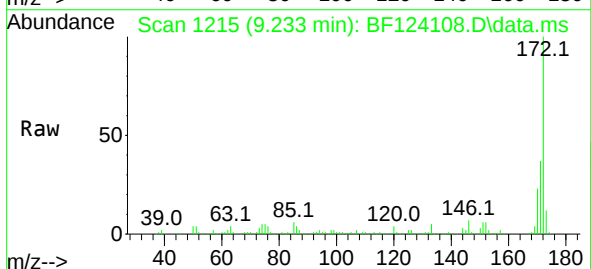
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BNA_F
ClientSampleId :
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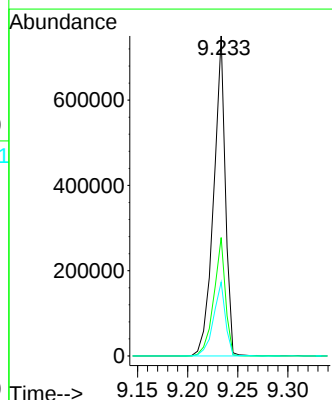
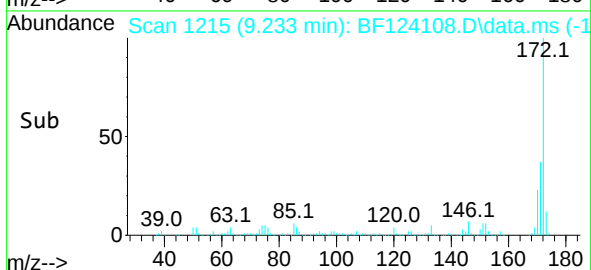
Tgt Ion: 330 Resp: 154769
Ion Ratio Lower Upper
330 100
332 99.4 77.1 115.7
141 36.7 27.9 41.9

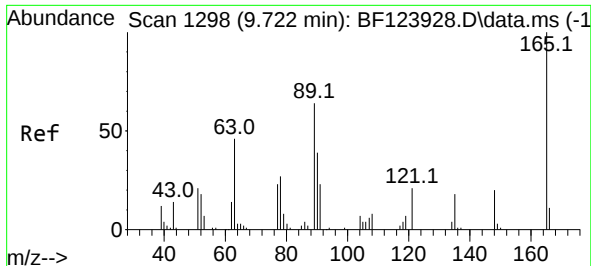


#45
2-Fluorobiphenyl
Concen: 73.26 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF124108.D
Acq: 28 May 2021 15:44



Tgt Ion: 172 Resp: 608958
Ion Ratio Lower Upper
172 100
171 37.0 28.1 42.1
170 23.1 19.2 28.8

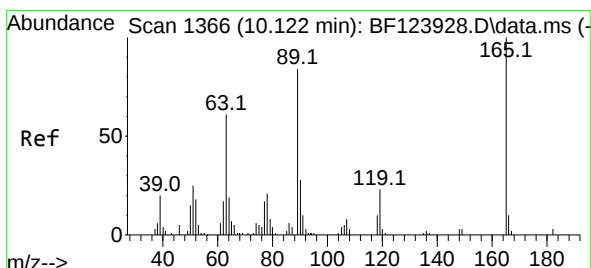
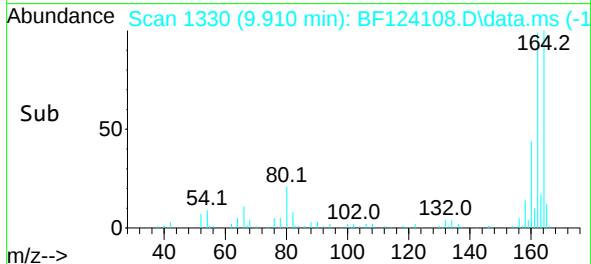
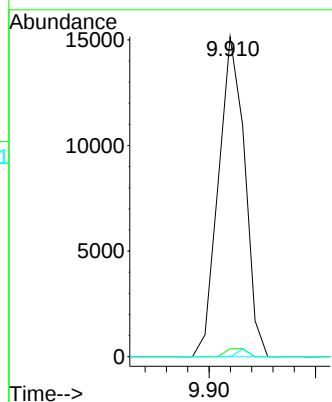
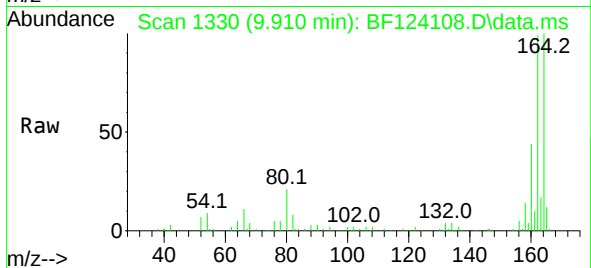




#51
2,6-Dinitrotoluene
Concen: 7.84 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF124108.D
Acq: 28 May 2021 15:44

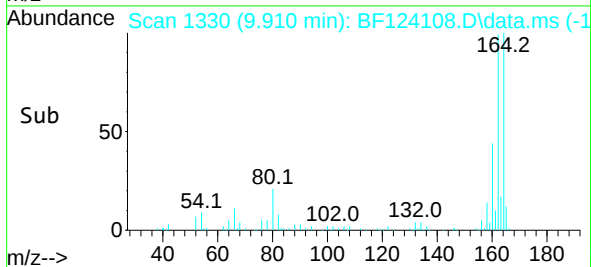
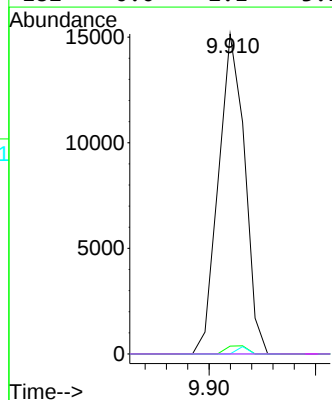
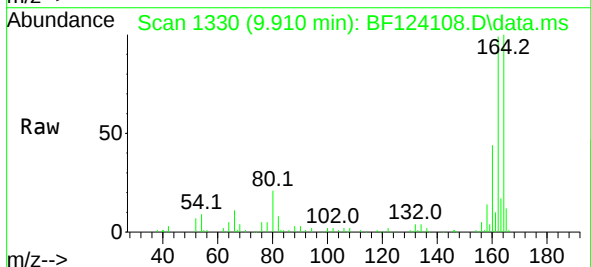
Instrument :
BNA_F
ClientSampleId :
PB136683BL

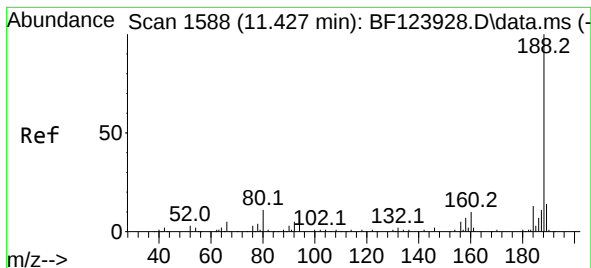
Tgt Ion:165 Resp: 12951
Ion Ratio Lower Upper
165 100
63 2.5 67.7 101.5#
89 0.0 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 6.39 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.194 min
Lab File: BF124108.D
Acq: 28 May 2021 15:44

Tgt Ion:165 Resp: 12951
Ion Ratio Lower Upper
165 100
63 2.5 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#

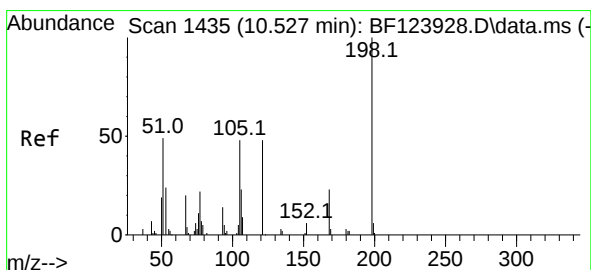
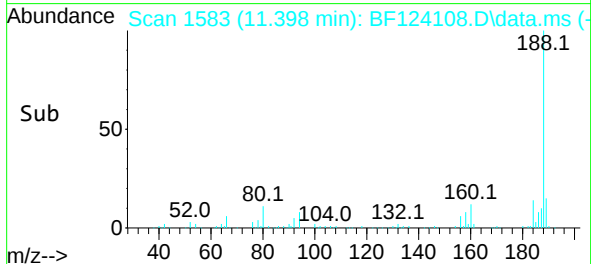
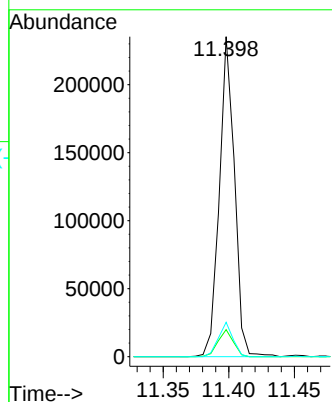
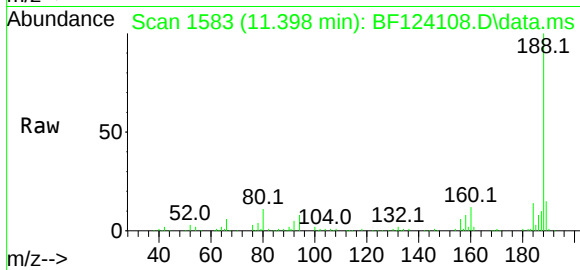




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF124108.D
Acq: 28 May 2021 15:44

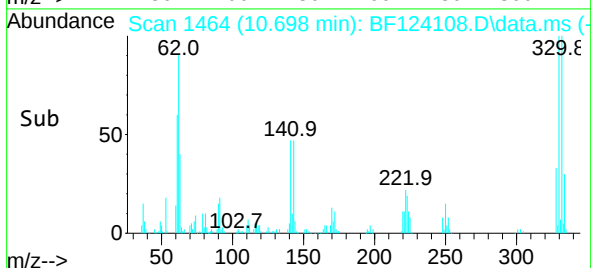
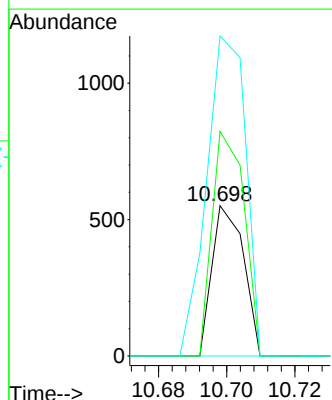
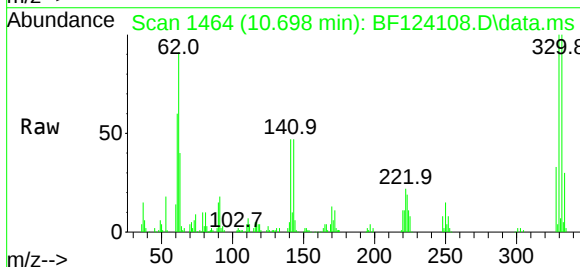
Instrument :
BNA_F
ClientSampleId :
PB136683BL

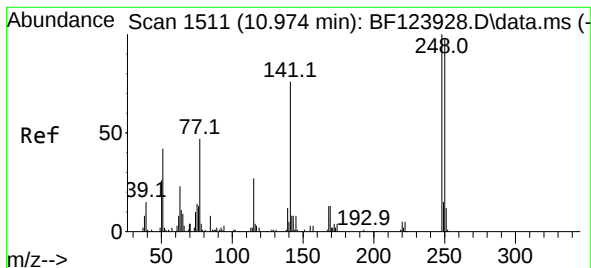
Tgt Ion:188 Resp: 188427
Ion Ratio Lower Upper
188 100
94 8.4 6.9 10.3
80 10.8 8.2 12.2



#65
4,6-Dinitro-2-methylphenol
Concen: 5.70 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.188 min
Lab File: BF124108.D
Acq: 28 May 2021 15:44

Tgt Ion:198 Resp: 353
Ion Ratio Lower Upper
198 100
51 149.4 64.8 104.8#
105 212.9 42.6 82.6#

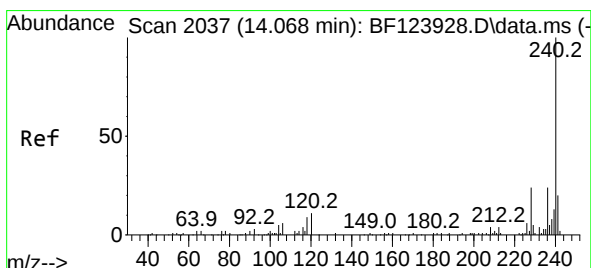
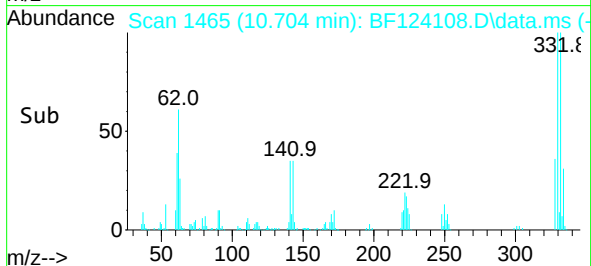
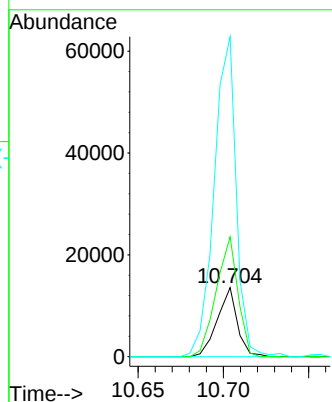
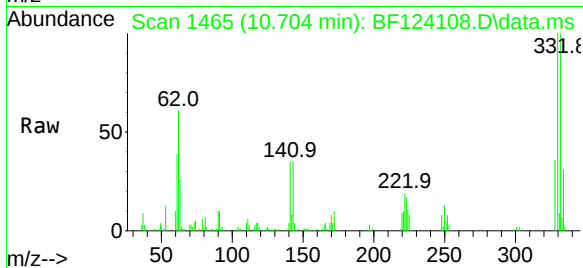




#67
4-Bromophenyl-phenylether
Concen: 4.49 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.241 min
Lab File: BF124108.D
Acq: 28 May 2021 15:44

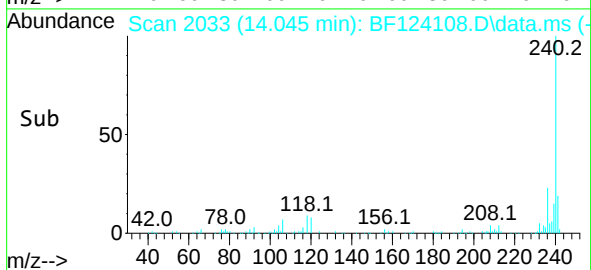
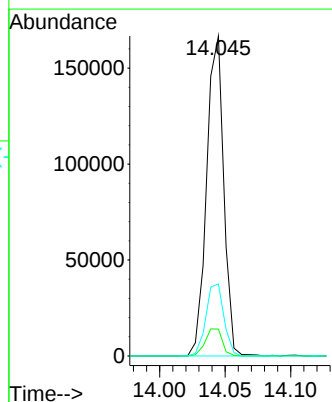
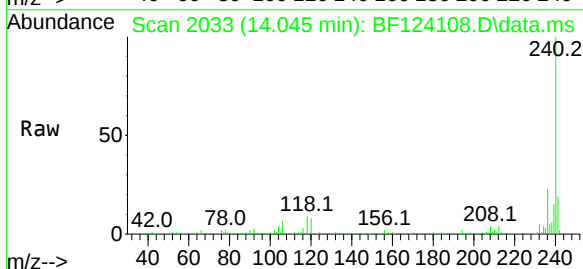
Instrument :
BNA_F
ClientSampleId :
PB136683BL

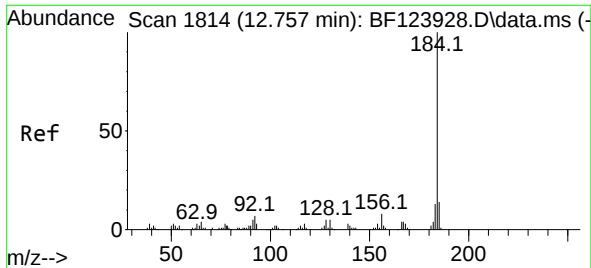
Tgt Ion:248 Resp: 11118
Ion Ratio Lower Upper
248 100
250 173.4 77.4 116.2#
141 462.8 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF124108.D
Acq: 28 May 2021 15:44

Tgt Ion:240 Resp: 151727
Ion Ratio Lower Upper
240 100
120 8.4 7.2 10.8
236 22.5 19.0 28.4

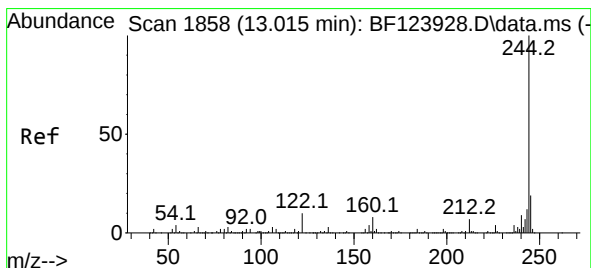
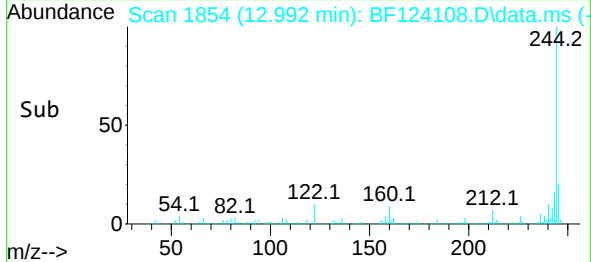
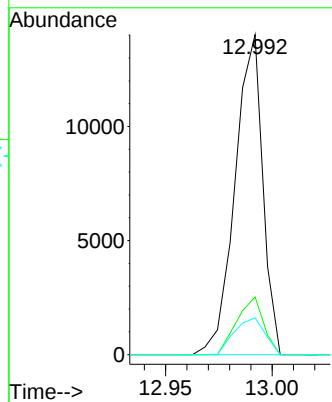
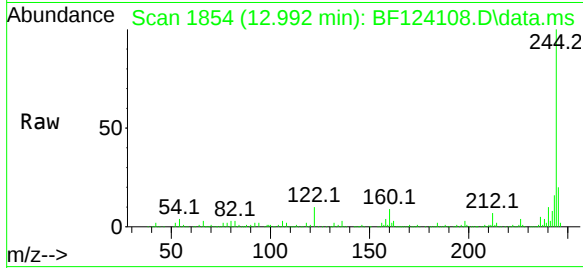




#77
Benzidine
Concen: 3.46 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.259 min
Lab File: BF124108.D
Acq: 28 May 2021 15:44

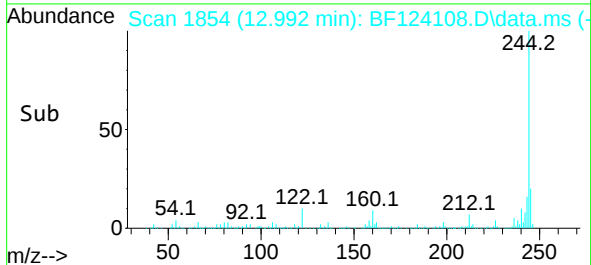
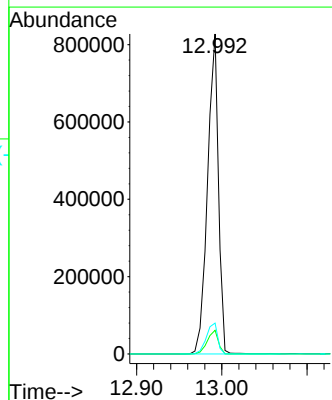
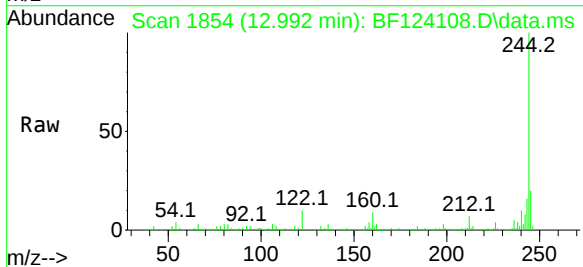
Instrument :
BNA_F
ClientSampleId :
PB136683BL

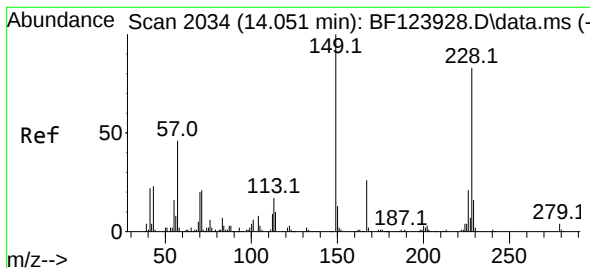
Tgt Ion:184 Resp: 12681
Ion Ratio Lower Upper
184 100
185 18.1 12.1 18.1
183 11.5 7.8 11.8



#79
Terphenyl-d14
Concen: 73.22 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.006 min
Lab File: BF124108.D
Acq: 28 May 2021 15:44

Tgt Ion:244 Resp: 733528
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 9.7 9.7 14.5#

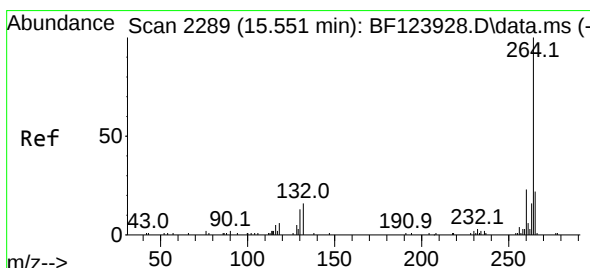
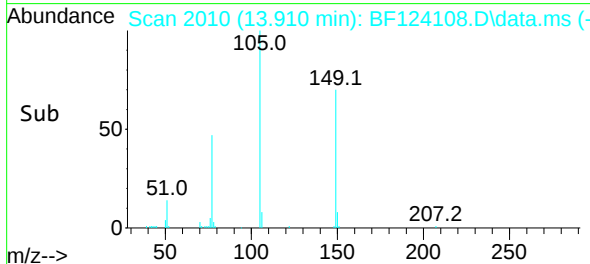
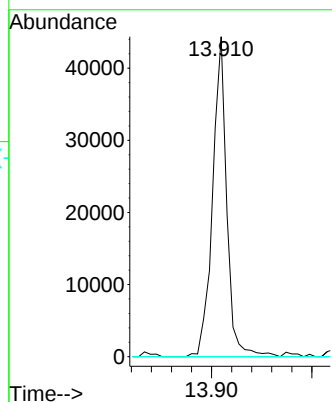
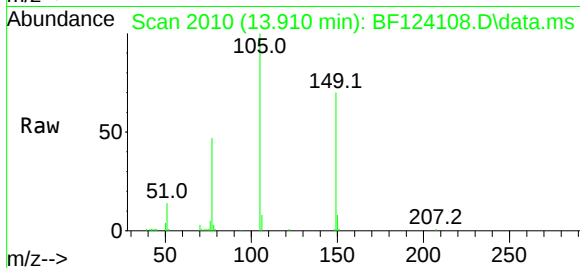




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.84 ng
 RT: 13.910 min Scan# 2010
 Delta R.T. -0.112 min
 Lab File: BF124108.D
 Acq: 28 May 2021 15:44

Instrument :
 BNA_F
 ClientSampleId :
 PB136683BL

Tgt Ion:149 Resp: 43528
 Ion Ratio Lower Upper
 149 100
 167 0.0 21.8 32.6#
 279 0.0 3.3 4.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.527 min Scan# 2285
 Delta R.T. -0.000 min
 Lab File: BF124108.D
 Acq: 28 May 2021 15:44

Tgt Ion:264 Resp: 120776
 Ion Ratio Lower Upper
 264 100
 260 22.1 18.7 28.1
 265 21.8 17.8 26.8

