

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052521\
 Data File : BF124053.D
 Acq On : 25 May 2021 19:29
 Operator : JU/CG
 Sample : M2502-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SA-01-052421

Quant Time: May 26 02:35:01 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 19:05:57 2021
 Response via : Initial Calibration

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

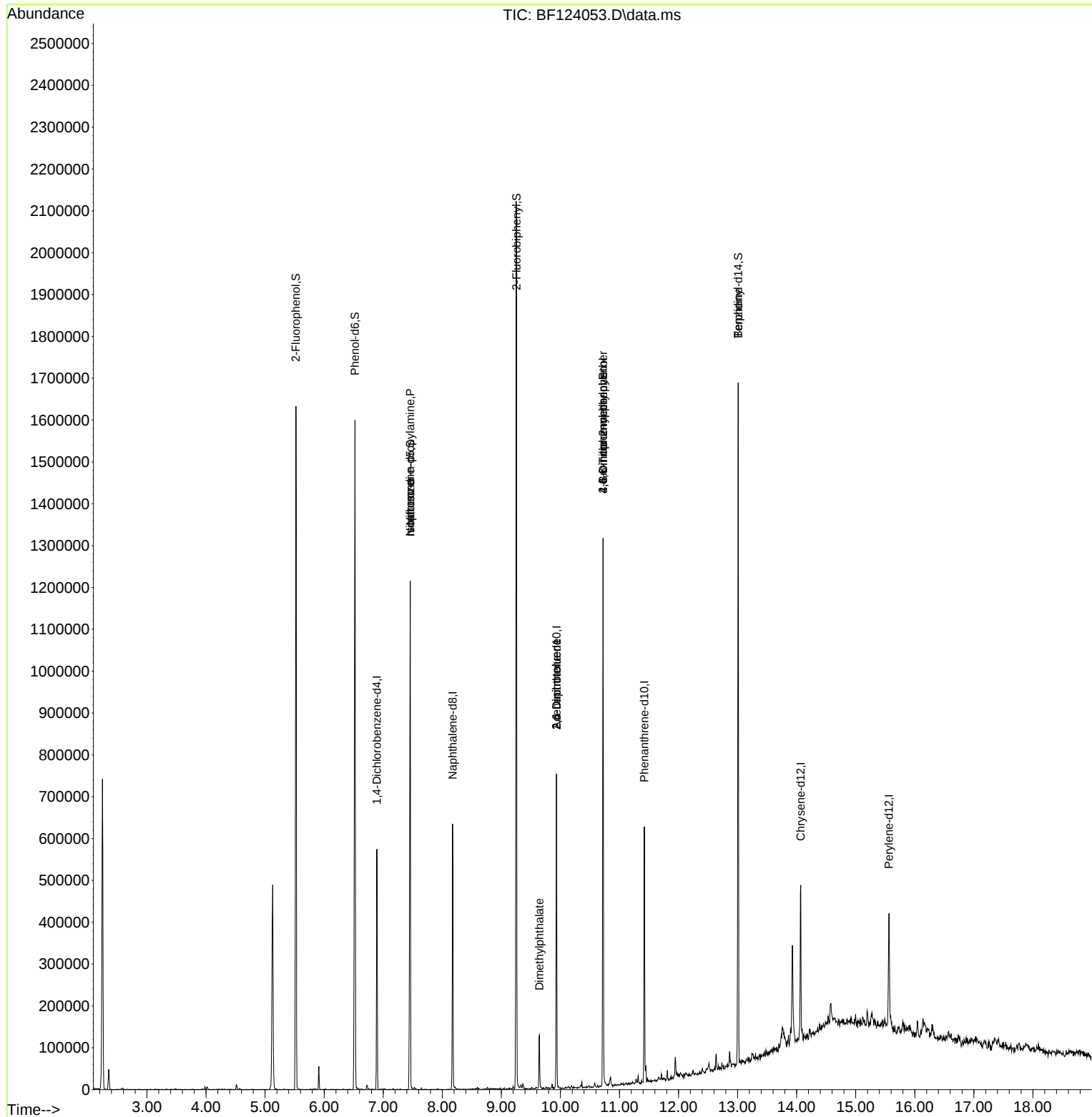
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	67391	20.00	ng	-0.01
21) Naphthalene-d8	8.175	136	240719	20.00	ng	-0.01
39) Acenaphthene-d10	9.934	164	127537	20.00	ng	-0.01
64) Phenanthrene-d10	11.422	188	188475	20.00	ng	0.00
76) Chrysene-d12	14.069	240	114665	20.00	ng	0.00
86) Perylene-d12	15.563	264	114498	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	380718	79.32	ng	0.01
7) Phenol-d6	6.522	99	467092	75.02	ng	0.00
23) Nitrobenzene-d5	7.457	82	357736	64.03	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	128029	83.58	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	632672	61.05	ng	0.00
79) Terphenyl-d14	13.010	244	441364	58.30	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	52052	12.37	ng	# 69
25) Isophorone	7.457	82	357730	33.28	ng	# 69
50) Dimethylphthalate	9.645	163	48480	4.76	ng	# 96
51) 2,6-Dinitrotoluene	9.934	165	16291	7.91	ng	# 10
57) 2,4-Dinitrotoluene	9.934	165	16291	6.45	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.722	198	389	5.72	ng	# 1
67) 4-Bromophenyl-phenylether	10.722	248	8889	3.59	ng	# 1
77) Benzidine	13.010	184	8129	2.94	ng	# 91

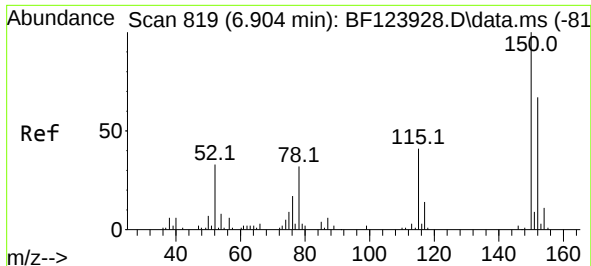
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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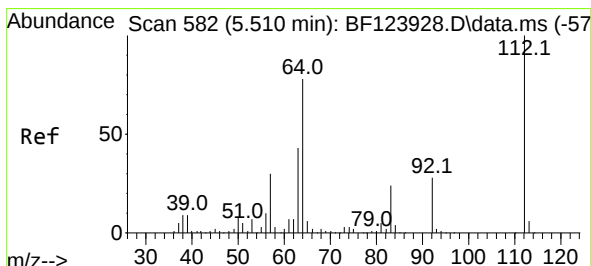
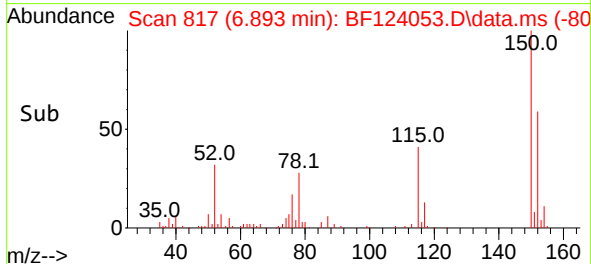
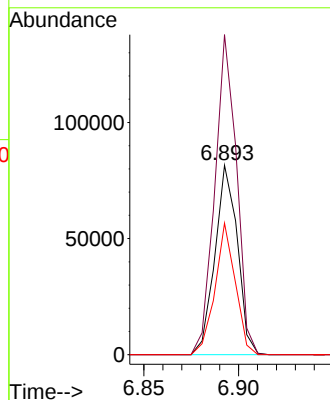
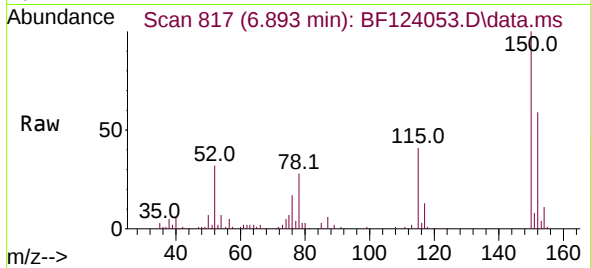




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.893 min Scan# 817
Delta R.T. -0.011 min
Lab File: BF124053.D
Acq: 25 May 2021 19:29

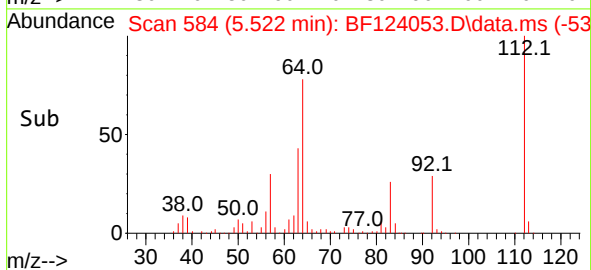
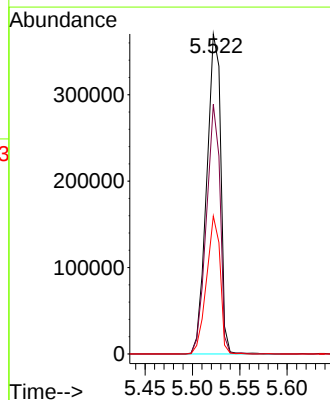
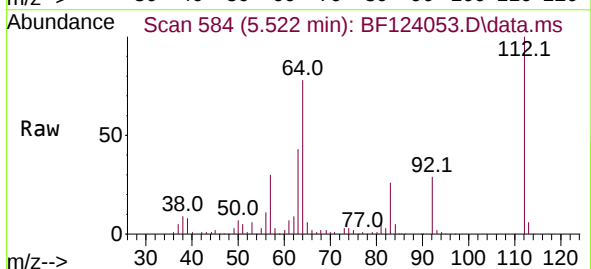
Instrument :
BNA_F
ClientSampleId :
SA-01-052421

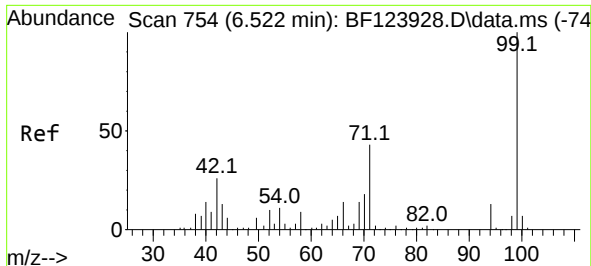
Tgt Ion:152 Resp: 67391
Ion Ratio Lower Upper
152 100
150 168.9 127.0 190.6
115 69.4 54.3 81.5



#5
2-Fluorophenol
Concen: 79.32 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.012 min
Lab File: BF124053.D
Acq: 25 May 2021 19:29

Tgt Ion:112 Resp: 380718
Ion Ratio Lower Upper
112 100
64 78.0 61.4 92.0
63 43.1 33.0 49.4

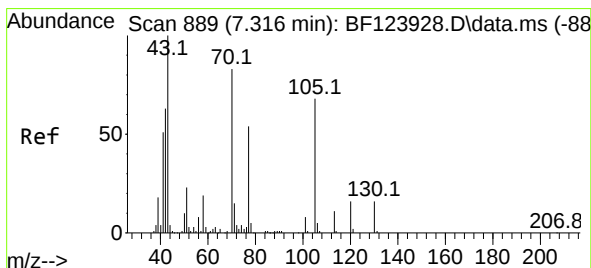
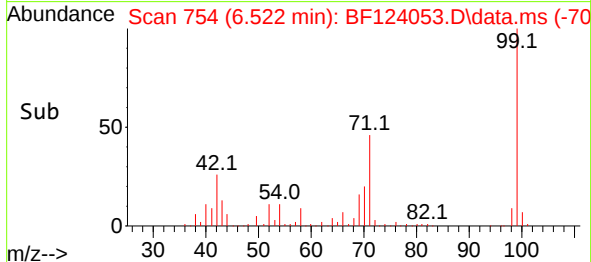
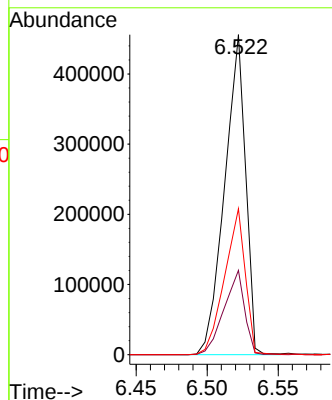
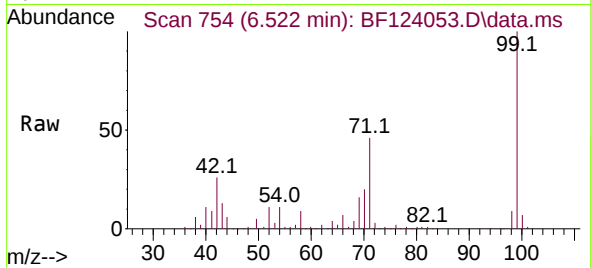




#7
Phenol-d6
Concen: 75.02 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF124053.D
Acq: 25 May 2021 19:29

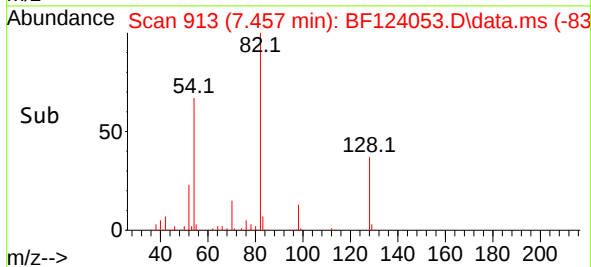
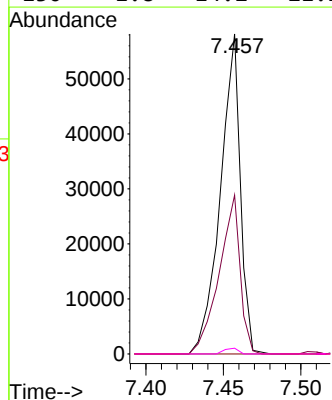
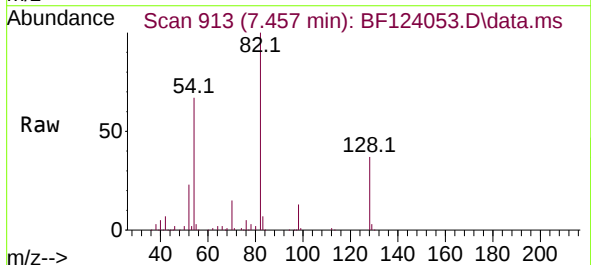
Instrument :
BNA_F
ClientSampleId :
SA-01-052421

Tgt Ion: 99 Resp: 467092
Ion Ratio Lower Upper
99 100
42 26.4 19.8 29.8
71 45.6 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 12.37 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.141 min
Lab File: BF124053.D
Acq: 25 May 2021 19:29

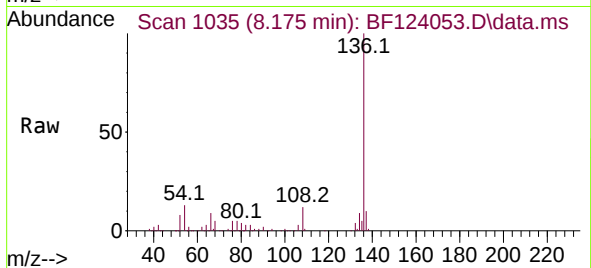
Tgt Ion: 70 Resp: 52052
Ion Ratio Lower Upper
70 100
42 49.7 60.1 90.1#
101 0.0 7.4 11.2#
130 1.8 14.2 21.2#



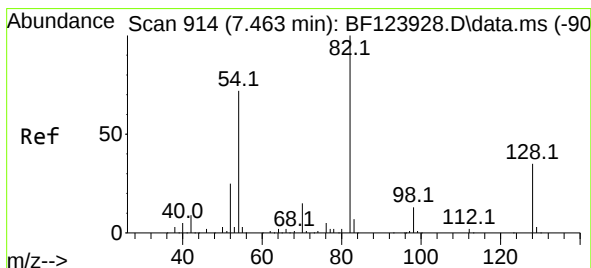
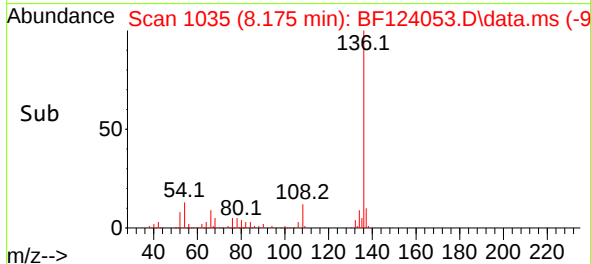
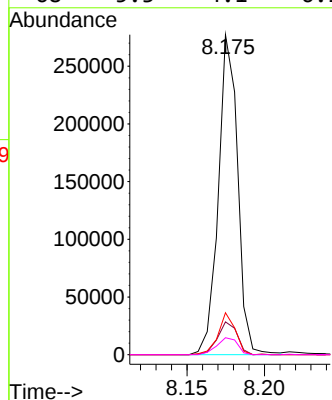


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.011 min
Lab File: BF124053.D
Acq: 25 May 2021 19:29

Instrument :
BNA_F
ClientSampleId :
SA-01-052421

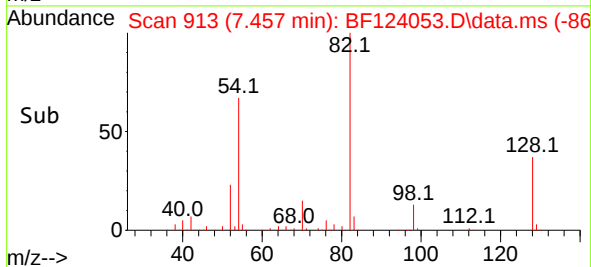
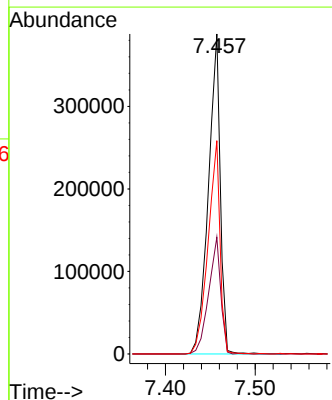
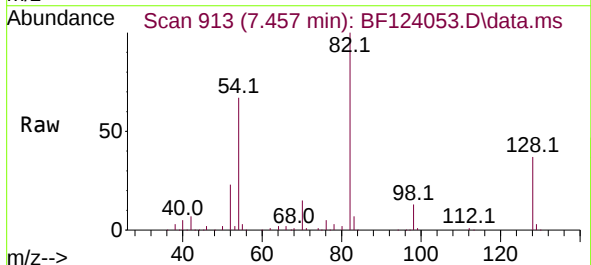


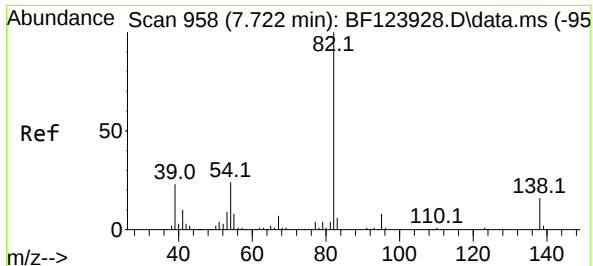
Tgt Ion:136 Resp: 240719
Ion Ratio Lower Upper
136 100
137 10.2 8.7 13.1
54 13.1 9.8 14.6
68 5.3 4.1 6.1



#23
Nitrobenzene-d5
Concen: 64.03 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF124053.D
Acq: 25 May 2021 19:29

Tgt Ion: 82 Resp: 357736
Ion Ratio Lower Upper
82 100
128 36.5 29.4 44.2
54 66.6 54.1 81.1

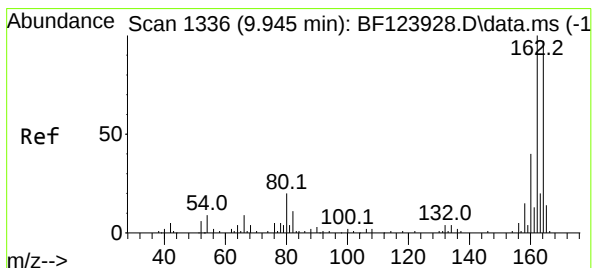
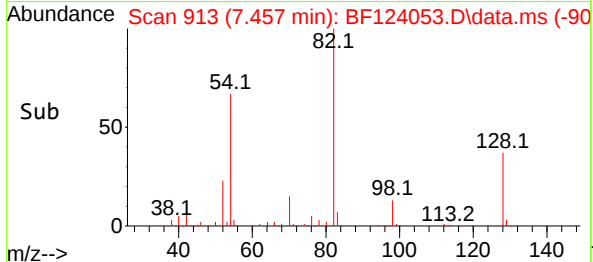
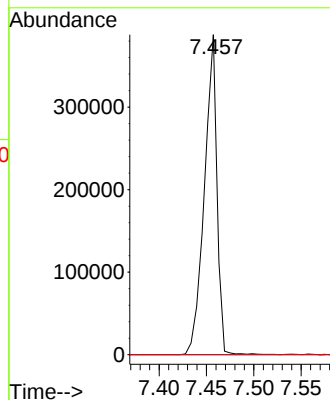
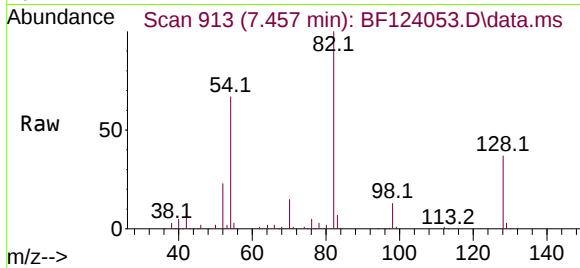




#25
Isophorone
Concen: 33.28 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.265 min
Lab File: BF124053.D
Acq: 25 May 2021 19:29

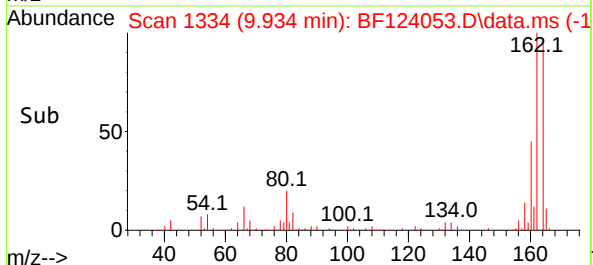
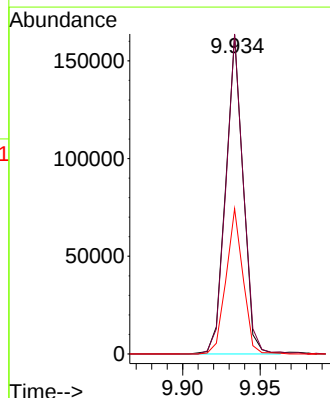
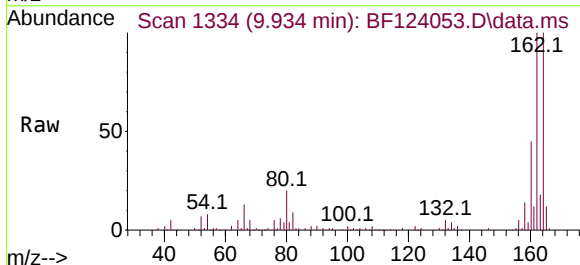
Instrument :
BNA_F
ClientSampleId :
SA-01-052421

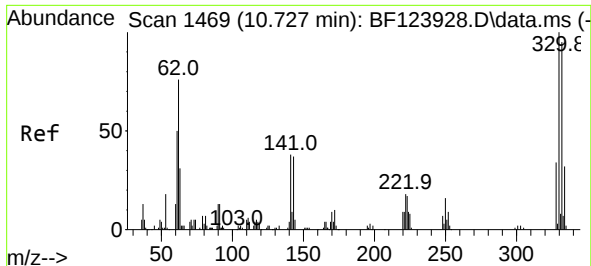
Tgt Ion: 82 Resp: 357730
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.934 min Scan# 1334
Delta R.T. -0.011 min
Lab File: BF124053.D
Acq: 25 May 2021 19:29

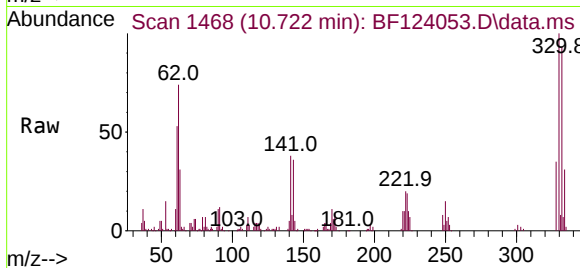
Tgt Ion: 164 Resp: 127537
Ion Ratio Lower Upper
164 100
162 100.3 80.7 121.1
160 45.5 37.3 55.9



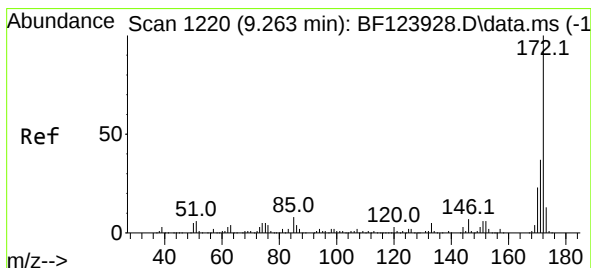
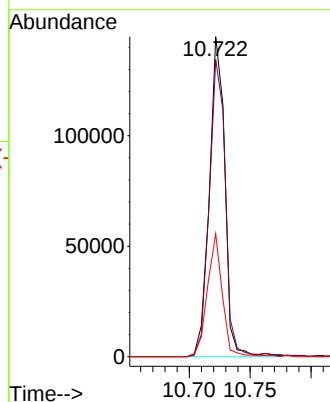
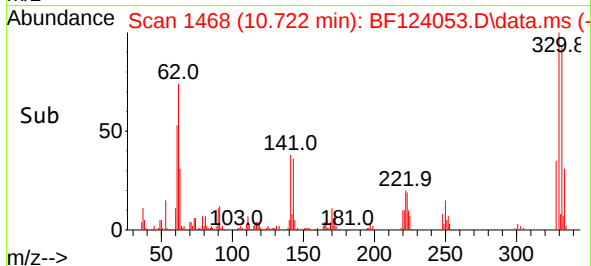


#42
2,4,6-Tribromophenol
Concen: 83.58 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.006 min
Lab File: BF124053.D
Acq: 25 May 2021 19:29

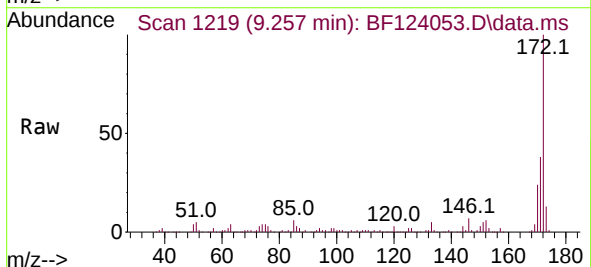
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BNA_F
ClientSampleId :
SA-01-052421



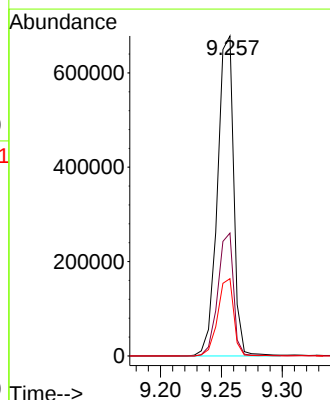
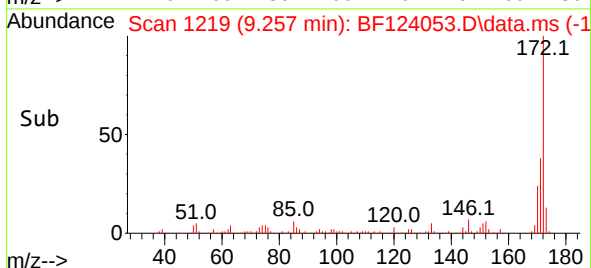
Tgt Ion:330 Resp: 128029
Ion Ratio Lower Upper
330 100
332 95.6 77.1 115.7
141 37.3 27.9 41.9

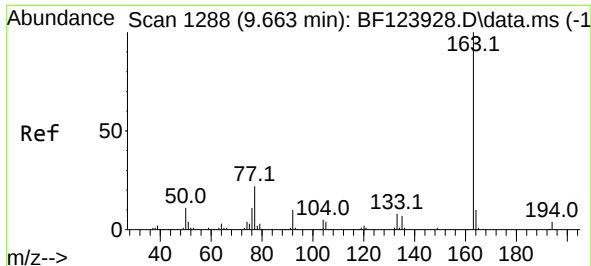


#45
2-Fluorobiphenyl
Concen: 61.05 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF124053.D
Acq: 25 May 2021 19:29



Tgt Ion:172 Resp: 632672
Ion Ratio Lower Upper
172 100
171 38.4 28.1 42.1
170 24.2 19.2 28.8

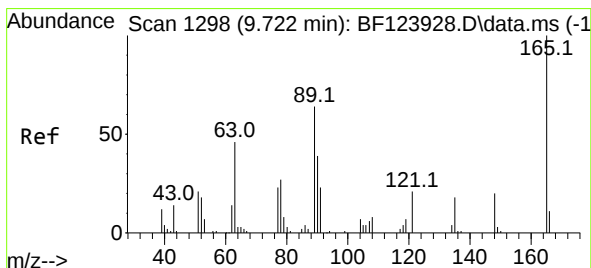
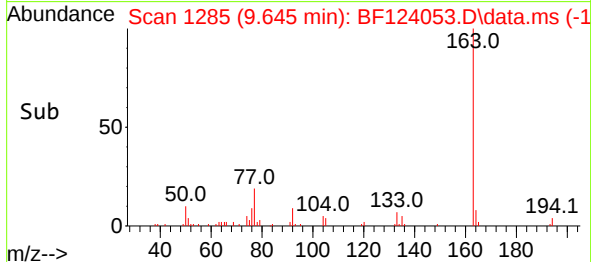
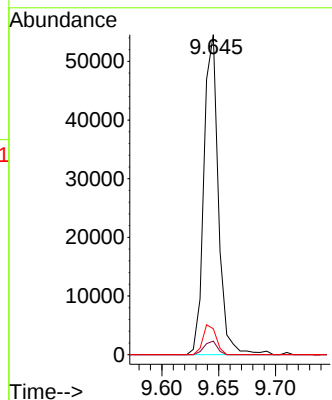
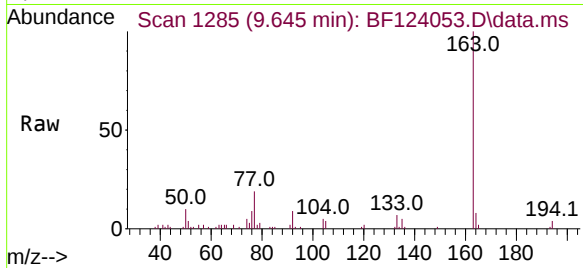




#50
Dimethylphthalate
Concen: 4.76 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.017 min
Lab File: BF124053.D
Acq: 25 May 2021 19:29

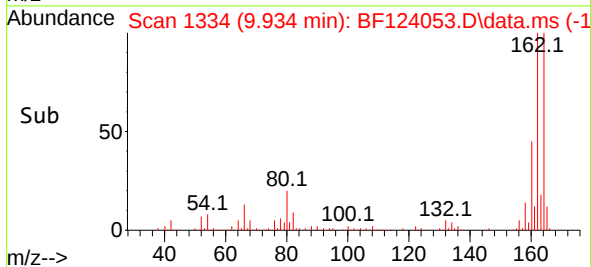
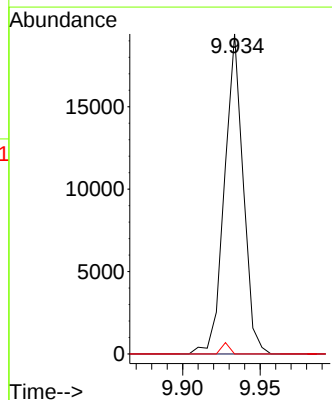
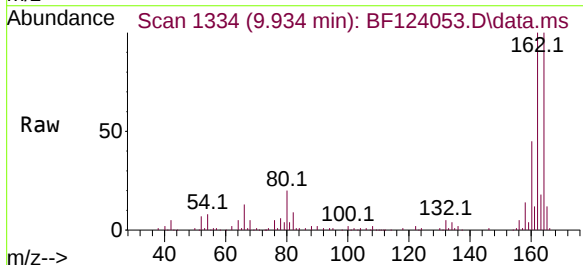
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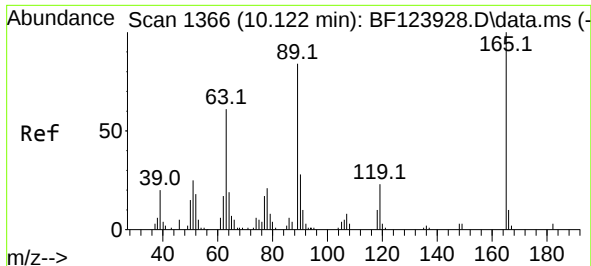
Tgt Ion:163 Resp: 48480
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 8.1 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 7.91 ng
RT: 9.934 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF124053.D
Acq: 25 May 2021 19:29

Tgt Ion:165 Resp: 16291
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 0.0 58.8 88.2#

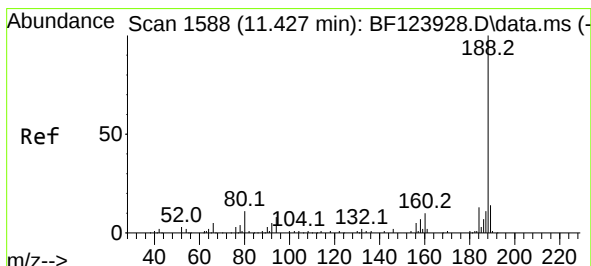
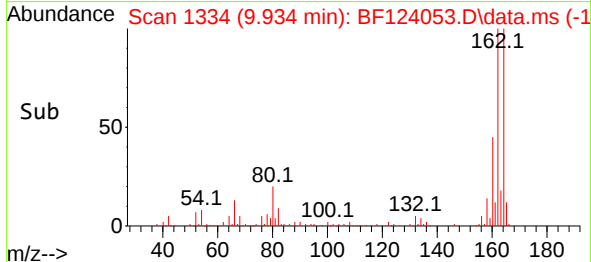
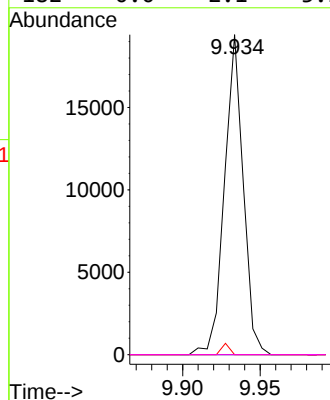
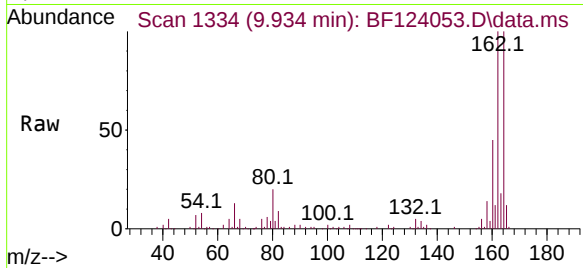




#57
2,4-Dinitrotoluene
Concen: 6.45 ng
RT: 9.934 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF124053.D
Acq: 25 May 2021 19:29

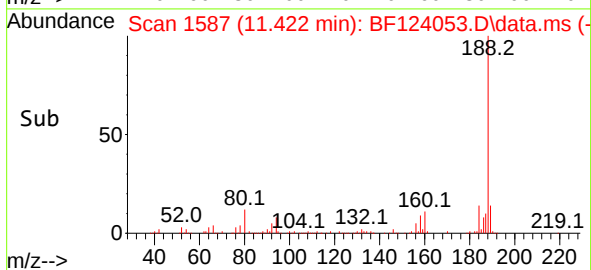
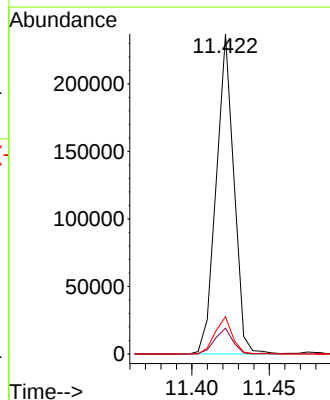
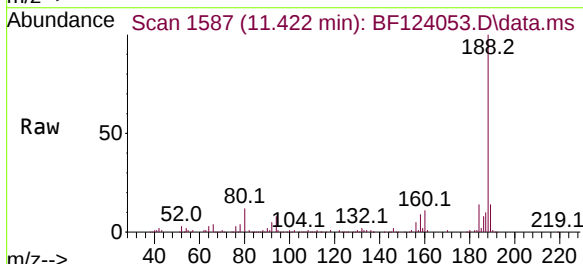
Instrument :
BNA_F
ClientSampleId :
SA-01-052421

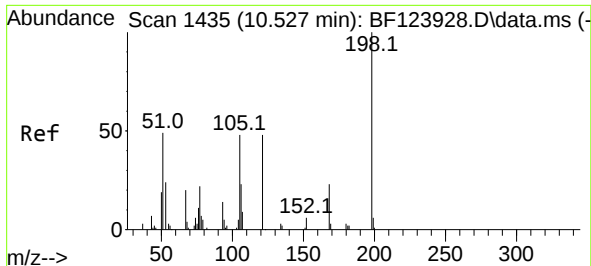
Tgt Ion:165	Resp:	16291
Ion Ratio	Lower	Upper
165	100	
63	0.0	43.5 65.3#
89	0.0	67.7 101.5#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.005 min
Lab File: BF124053.D
Acq: 25 May 2021 19:29

Tgt Ion:188	Resp:	188475
Ion Ratio	Lower	Upper
188	100	
94	8.1	6.9 10.3
80	11.7	8.2 12.2

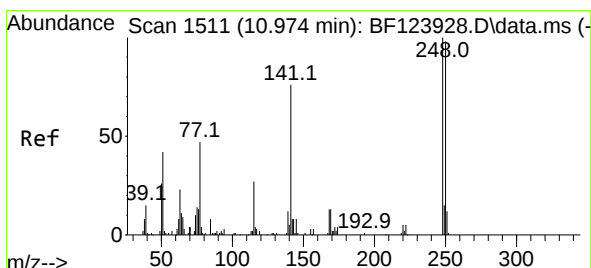
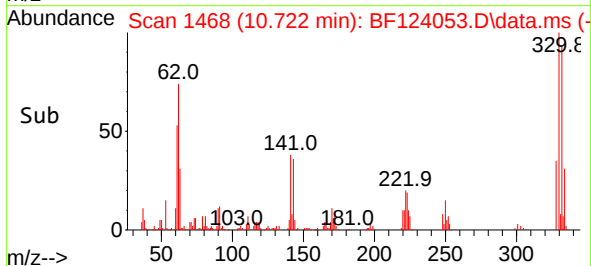
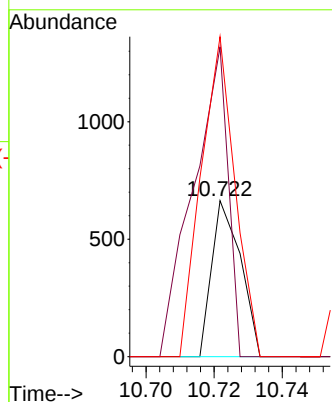
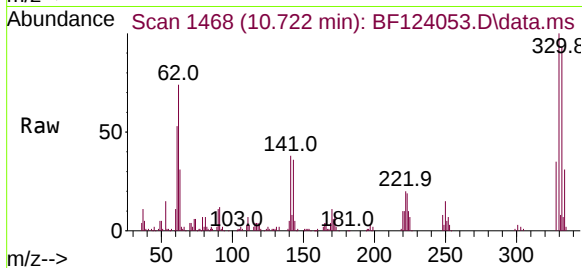




#65
4,6-Dinitro-2-methylphenol
Concen: 5.72 ng
RT: 10.722 min Scan# 1468
Delta R.T. 0.195 min
Lab File: BF124053.D
Acq: 25 May 2021 19:29

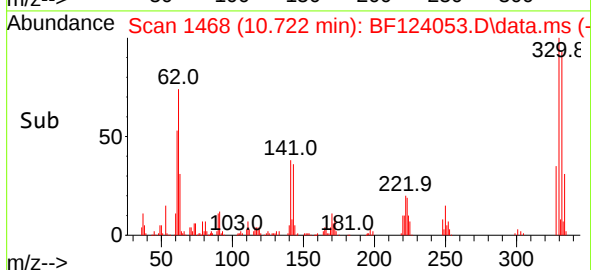
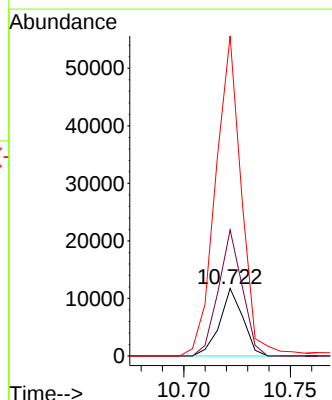
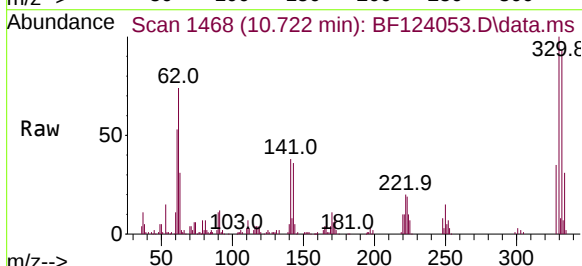
Instrument :
BNA_F
ClientSampleId :
SA-01-052421

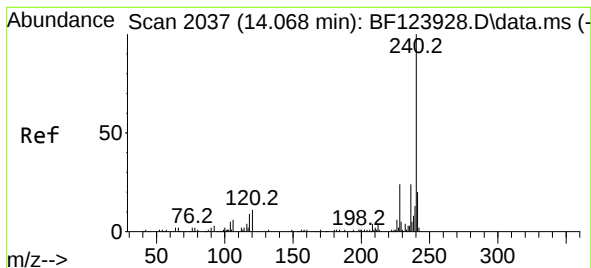
Tgt Ion:198 Resp: 389
Ion Ratio Lower Upper
198 100
51 198.5 64.8 104.8#
105 205.1 42.6 82.6#



#67
4-Bromophenyl-phenylether
Concen: 3.59 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.253 min
Lab File: BF124053.D
Acq: 25 May 2021 19:29

Tgt Ion:248 Resp: 8889
Ion Ratio Lower Upper
248 100
250 186.9 77.4 116.2#
141 474.3 63.7 95.5#

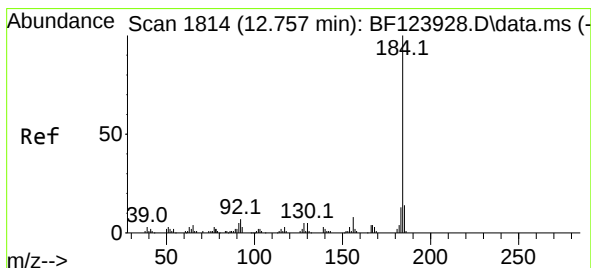
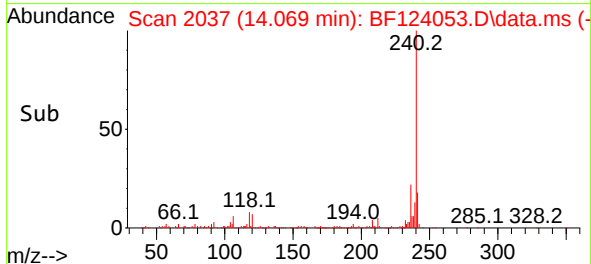
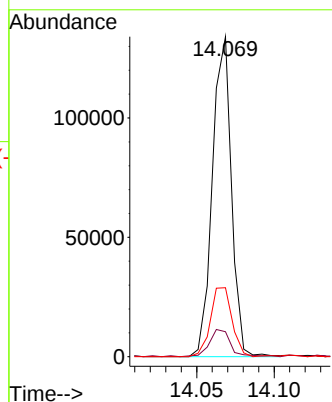
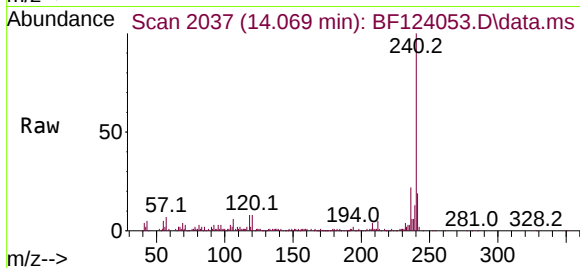




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.069 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BF124053.D
Acq: 25 May 2021 19:29

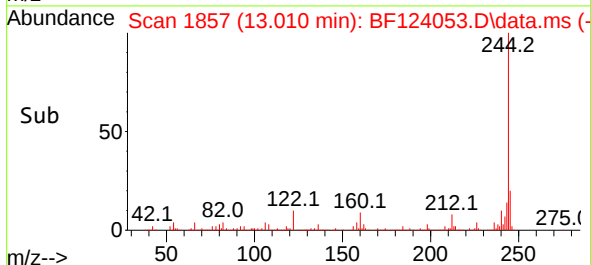
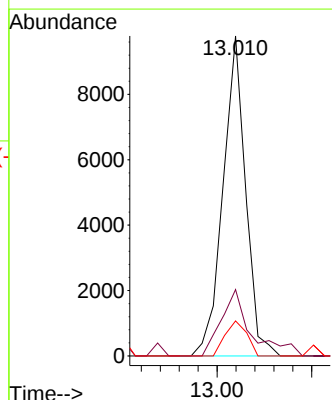
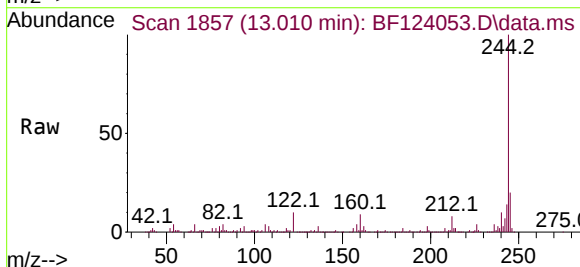
Instrument :
BNA_F
ClientSampleId :
SA-01-052421

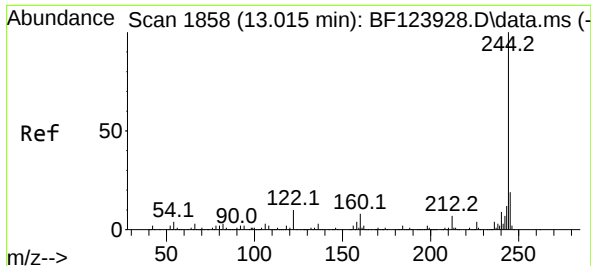
Tgt Ion:240 Resp: 114665
Ion Ratio Lower Upper
240 100
120 7.8 7.2 10.8
236 21.6 19.0 28.4



#77
Benzidine
Concen: 2.94 ng
RT: 13.010 min Scan# 1857
Delta R.T. 0.253 min
Lab File: BF124053.D
Acq: 25 May 2021 19:29

Tgt Ion:184 Resp: 8129
Ion Ratio Lower Upper
184 100
185 20.7 12.1 18.1#
183 11.0 7.8 11.8

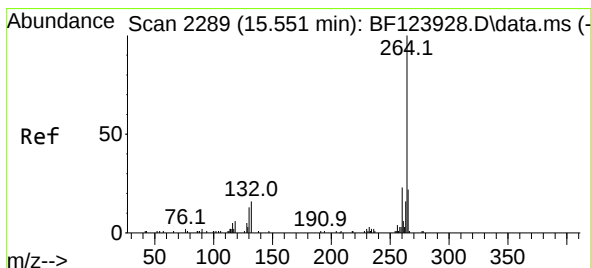
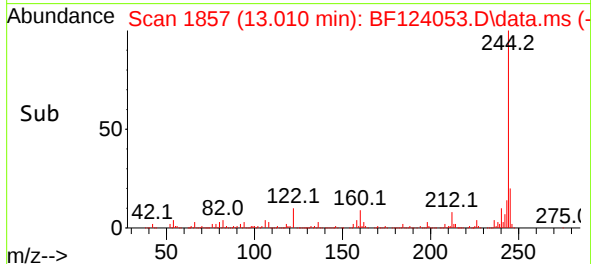
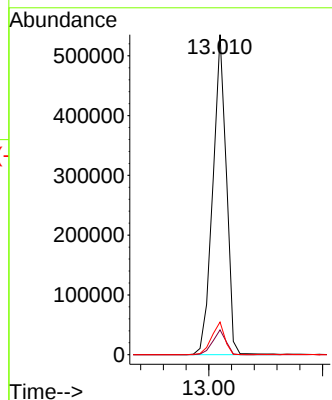
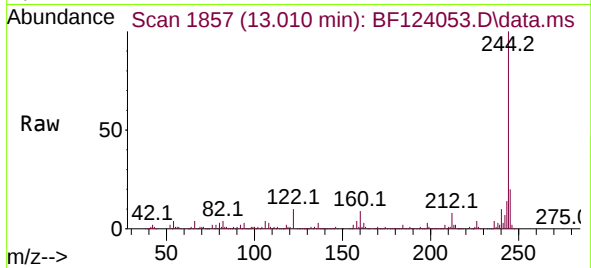




#79
Terphenyl-d14
Concen: 58.30 ng
RT: 13.010 min Scan# 1857
Delta R.T. -0.006 min
Lab File: BF124053.D
Acq: 25 May 2021 19:29

Instrument :
BNA_F
ClientSampleId :
SA-01-052421

Tgt Ion:244 Resp: 441364
Ion Ratio Lower Upper
244 100
212 7.8 5.7 8.5
122 10.2 9.7 14.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.563 min Scan# 2291
Delta R.T. 0.012 min
Lab File: BF124053.D
Acq: 25 May 2021 19:29

Tgt Ion:264 Resp: 114498
Ion Ratio Lower Upper
264 100
260 20.4 18.7 28.1
265 21.1 17.8 26.8

