

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032921\
 Data File : BF123501.D
 Acq On : 29 Mar 2021 18:11
 Operator : JU/CG
 Sample : M1813-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 L07

Quant Time: Mar 29 18:59:01 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 26 12:51:59 2021
 Response via : Initial Calibration

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

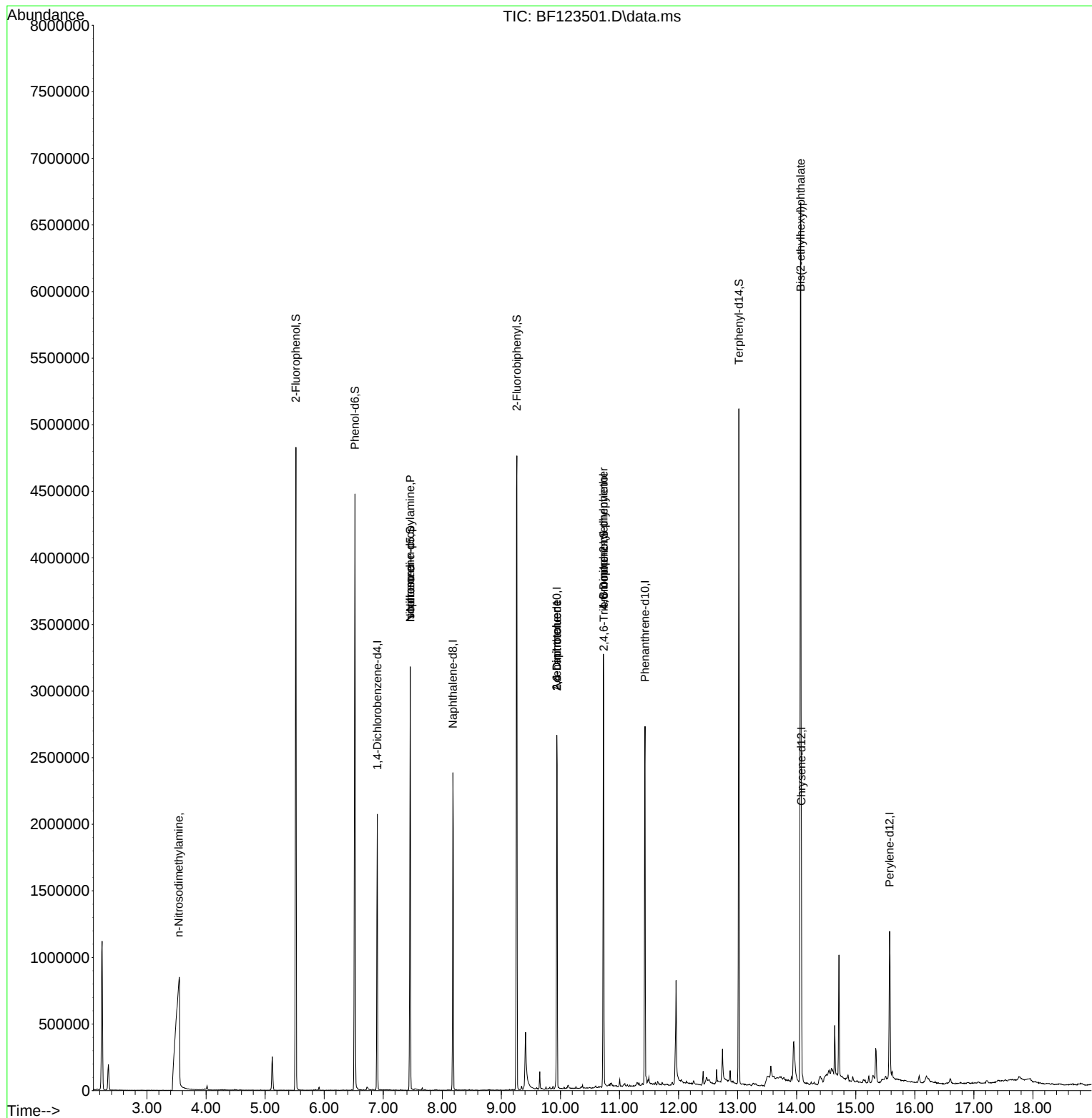
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	269290	20.00	ng	0.00
21) Naphthalene-d8	8.181	136	1017236	20.00	ng	# 0.00
39) Acenaphthene-d10	9.939	164	562986	20.00	ng	0.00
64) Phenanthrene-d10	11.433	188	957785	20.00	ng	0.00
76) Chrysene-d12	14.080	240	586606	20.00	ng	0.00
86) Perylene-d12	15.574	264	527138	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1124011	68.28	ng	0.00
7) Phenol-d6	6.522	99	1426553	65.10	ng	0.00
23) Nitrobenzene-d5	7.457	82	949957	50.40	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	407784	64.79	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1541989	39.13	ng	0.00
79) Terphenyl-d14	13.022	244	1608849	46.48	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.540	42	72848	5.85	ng	# 1
9) Benzaldehyde	6.522	77	2392	Below Cal		# 1
19) n-Nitroso-di-n-propyla...	7.457	70	128688	9.08	ng	# 82
25) Isophorone	7.457	82	949945	23.44	ng	# 65
51) 2,6-Dinitrotoluene	9.939	165	73603	8.81	ng	# 32
57) 2,4-Dinitrotoluene	9.939	165	73603	7.06	ng	# 26
65) 4,6-Dinitro-2-methylph...	10.728	198	867	5.27	ng	# 1
67) 4-Bromophenyl-phenylether	10.728	248	23974	2.11	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.068	149	1659064	67.15	ng	95

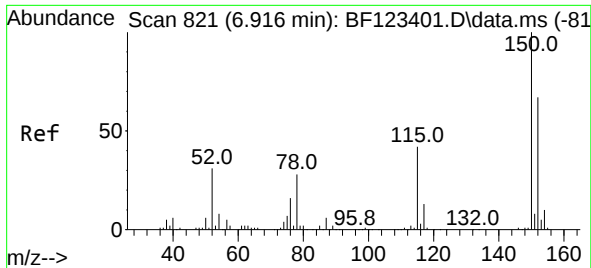
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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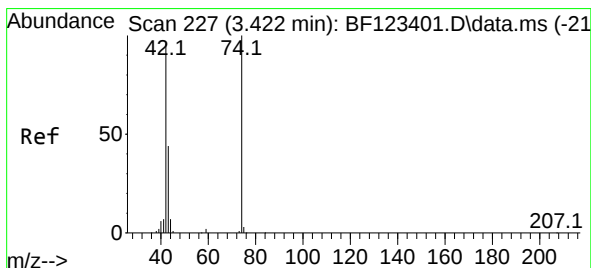
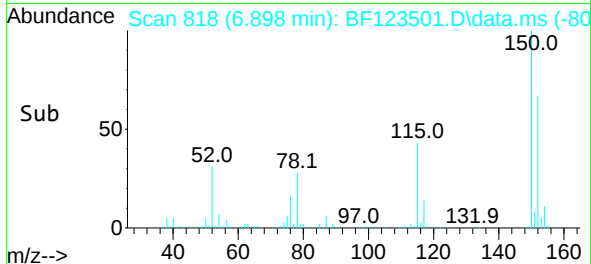
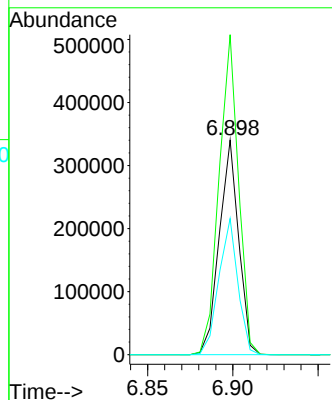
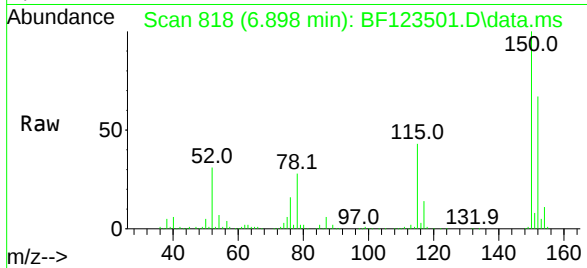




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF123501.D
Acq: 29 Mar 2021 18:11

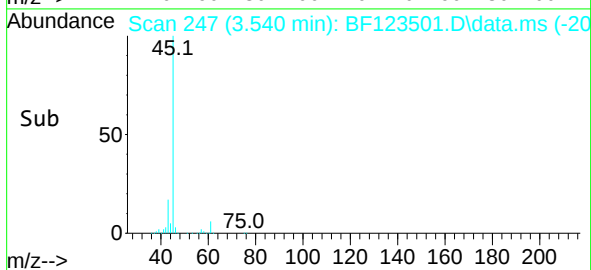
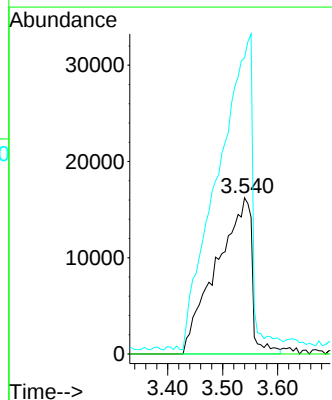
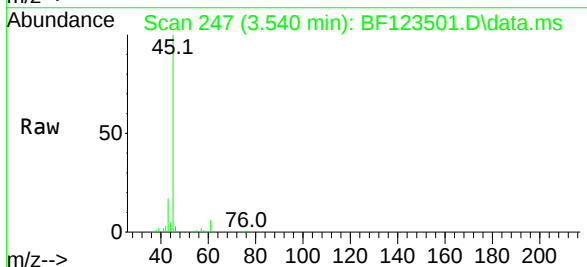
Instrument :
BNA_F
ClientSampleId :
L07

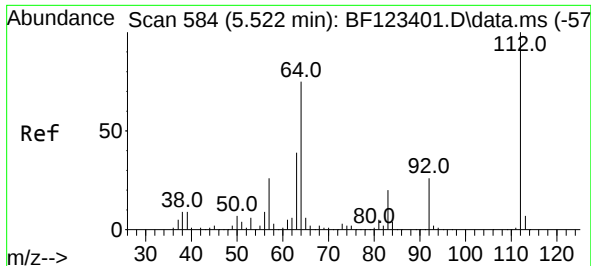
Tgt Ion:152 Resp: 269290
Ion Ratio Lower Upper
152 100
150 149.1 125.8 188.6
115 63.4 49.3 73.9



#4
n-Nitrosodimethylamine
Concen: 5.85 ng
RT: 3.540 min Scan# 247
Delta R.T. 0.147 min
Lab File: BF123501.D
Acq: 29 Mar 2021 18:11

Tgt Ion: 42 Resp: 72848
Ion Ratio Lower Upper
42 100
74 0.0 115.2 172.8#
44 189.5 5.4 8.0#

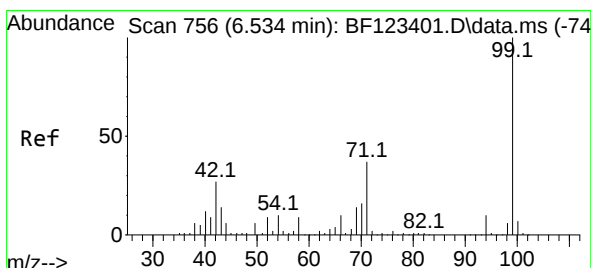
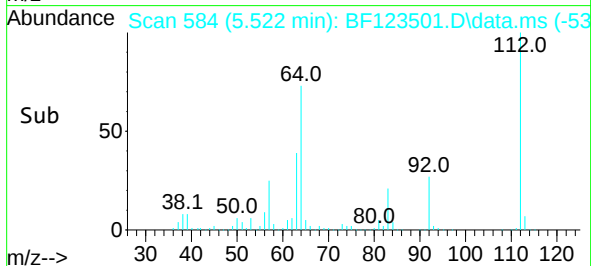
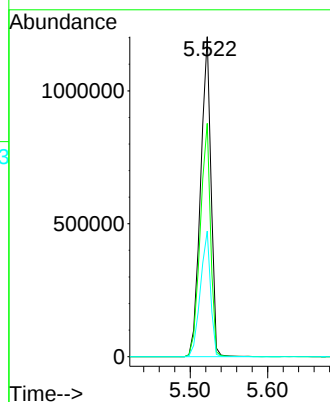
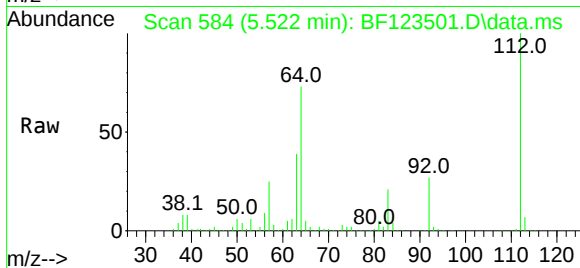




#5
2-Fluorophenol
Concen: 68.28 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.006 min
Lab File: BF123501.D
Acq: 29 Mar 2021 18:11

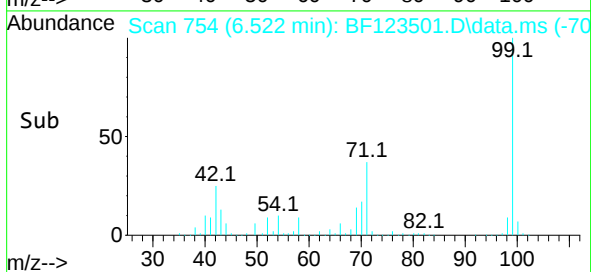
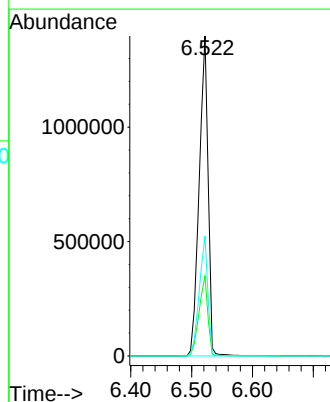
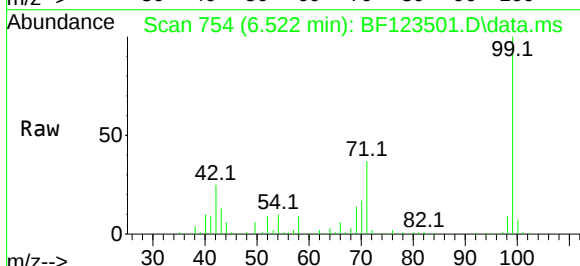
Instrument :
BNA_F
ClientSampleId :
L07

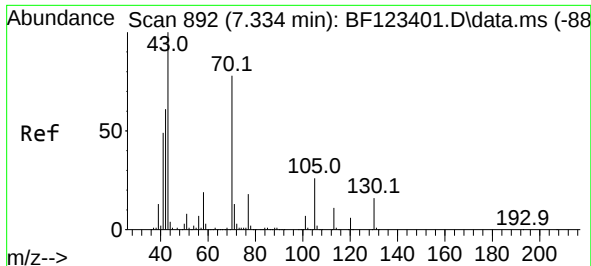
Tgt Ion:112 Resp: 1124011
Ion Ratio Lower Upper
112 100
64 72.9 46.9 70.3#
63 39.3 24.5 36.7#



#7
Phenol-d6
Concen: 65.10 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF123501.D
Acq: 29 Mar 2021 18:11

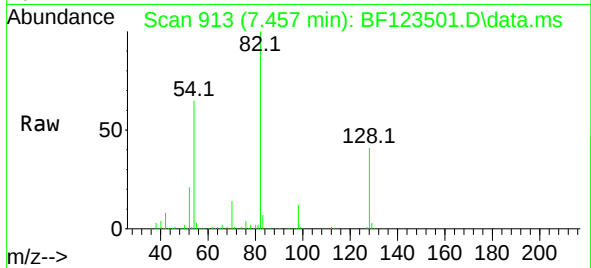
Tgt Ion: 99 Resp: 1426553
Ion Ratio Lower Upper
99 100
42 24.9 13.8 20.6#
71 37.4 26.9 40.3



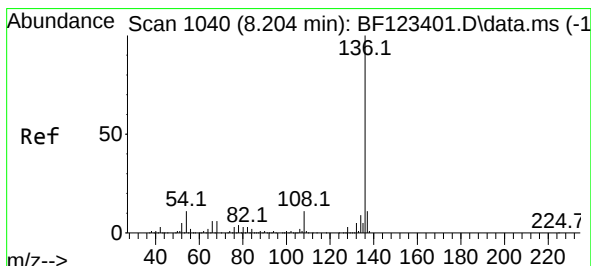
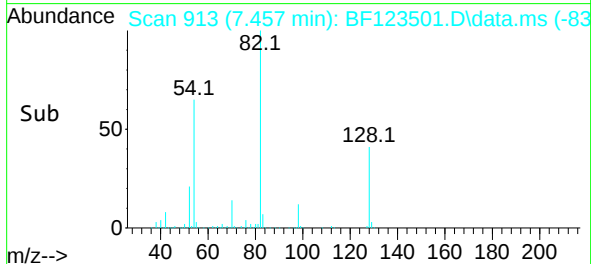
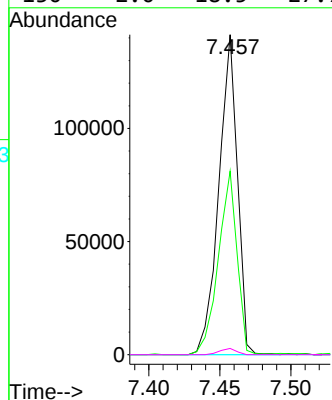


#19
n-Nitroso-di-n-propylamine
Concen: 9.08 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.141 min
Lab File: BF123501.D
Acq: 29 Mar 2021 18:11

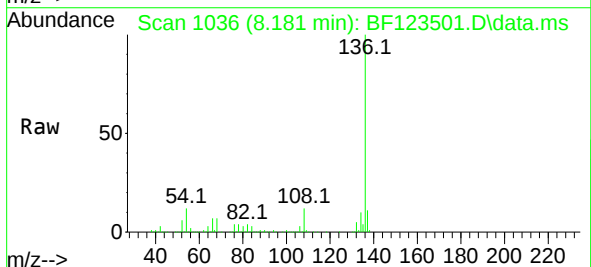
Instrument :
BNA_F
ClientSampled :
L07



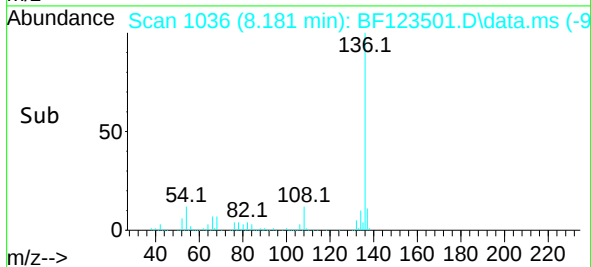
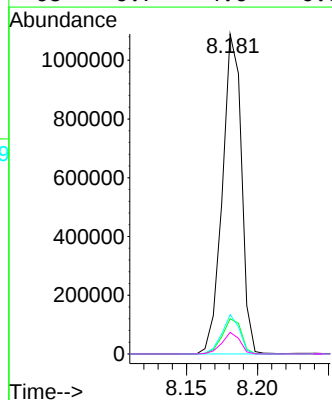
Tgt Ion: 70 Resp: 128688
Ion Ratio Lower Upper
70 100
42 57.3 43.0 64.4
101 0.0 7.9 11.9#
130 2.0 18.5 27.7#

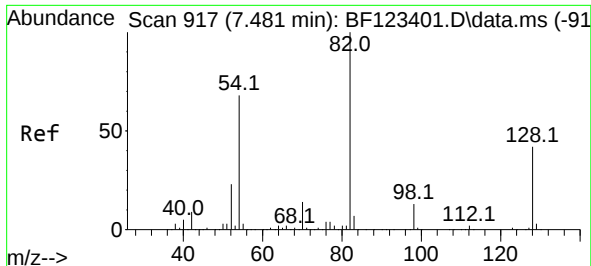


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF123501.D
Acq: 29 Mar 2021 18:11



Tgt Ion: 136 Resp: 1017236
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 12.3 5.5 8.3#
68 6.7 4.6 6.8

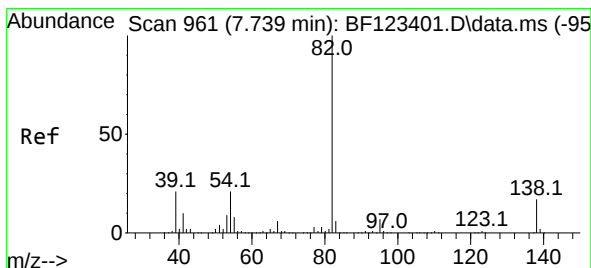
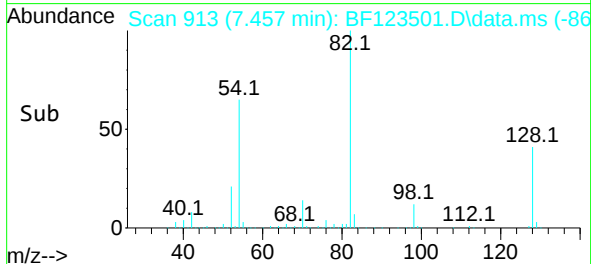
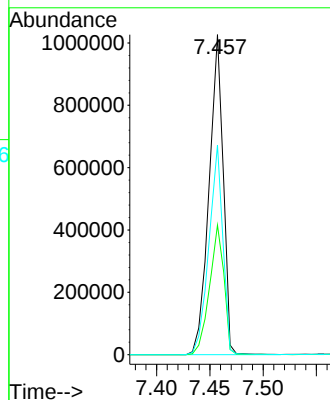
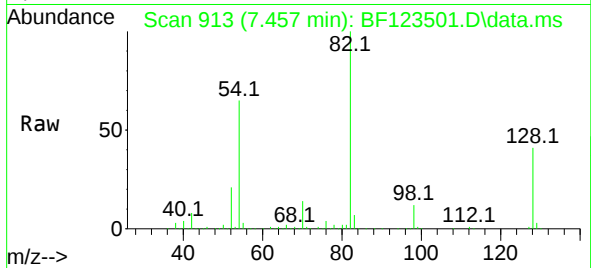




#23
Nitrobenzene-d5
Concen: 50.40 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF123501.D
Acq: 29 Mar 2021 18:11

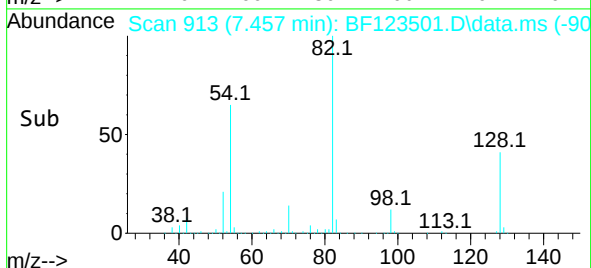
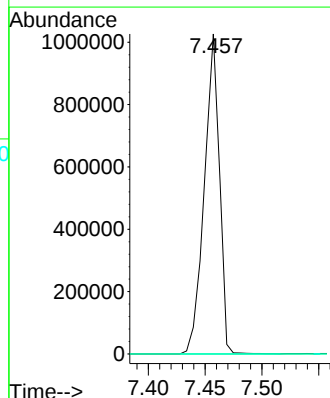
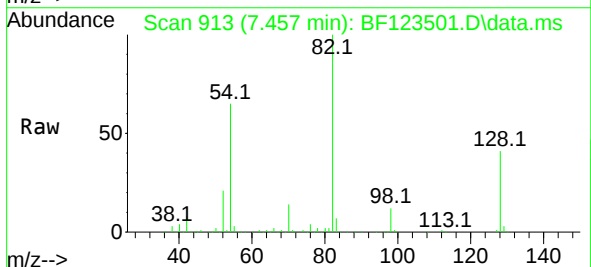
Instrument :
BNA_F
ClientSampleId :
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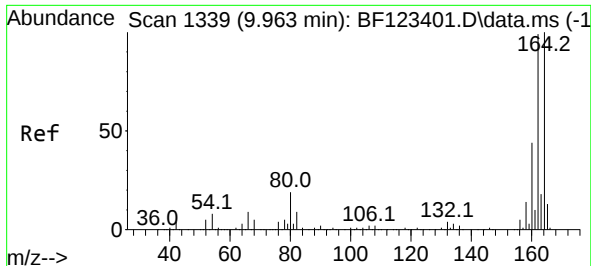
Tgt Ion: 82 Resp: 949957
Ion Ratio Lower Upper
82 100
128 40.5 37.0 55.4
54 65.5 38.4 57.6#



#25
Isophorone
Concen: 23.44 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.264 min
Lab File: BF123501.D
Acq: 29 Mar 2021 18:11

Tgt Ion: 82 Resp: 949945
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.939 min Scan# 1335

Delta R.T. -0.006 min

Lab File: BF123501.D

Acq: 29 Mar 2021 18:11

Tgt Ion:164 Resp: 562986

Ion Ratio Lower Upper

164 100

162 100.9 80.8 121.2

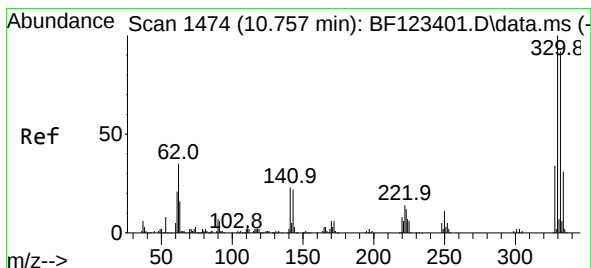
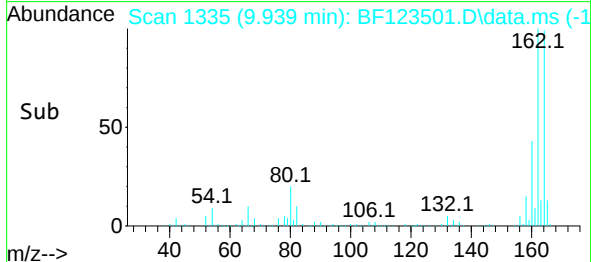
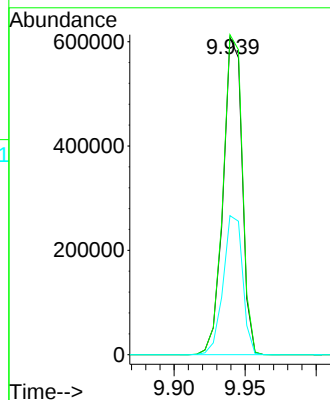
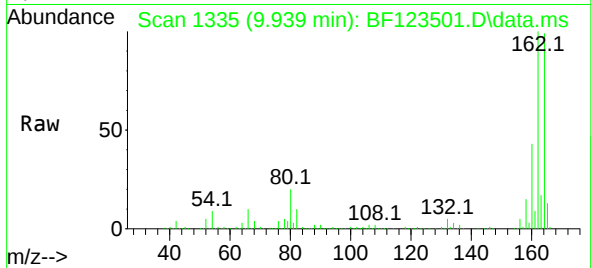
160 43.9 35.4 53.0

Instrument :

BNA_F

ClientSampleId :

L07



#42

2,4,6-Tribromophenol

Concen: 64.79 ng

RT: 10.733 min Scan# 1470

Delta R.T. -0.006 min

Lab File: BF123501.D

Acq: 29 Mar 2021 18:11

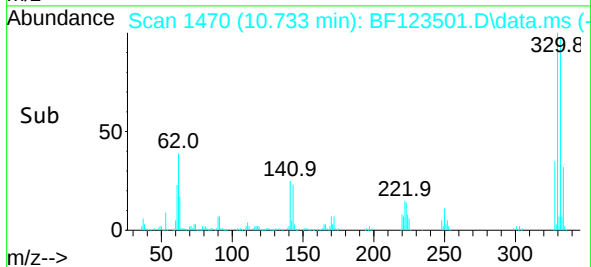
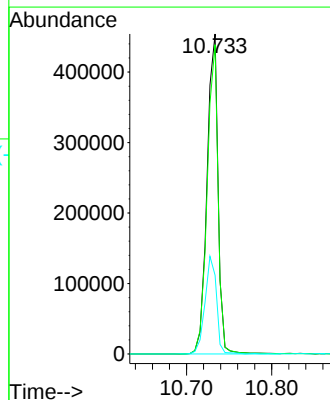
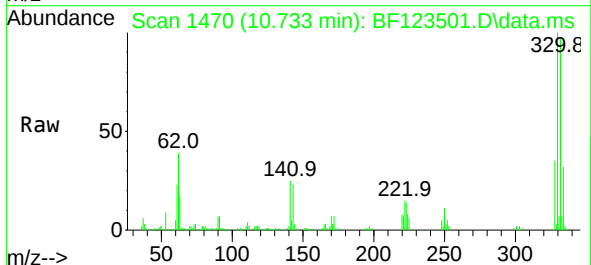
Tgt Ion:330 Resp: 407784

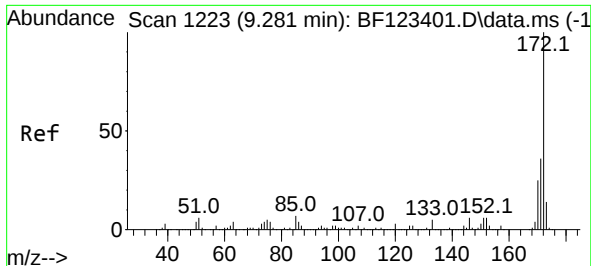
Ion Ratio Lower Upper

330 100

332 95.8 77.5 116.3

141 31.8 23.8 35.8

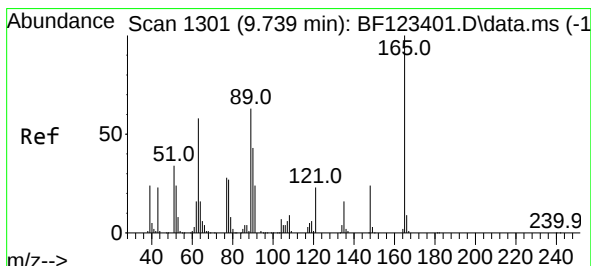
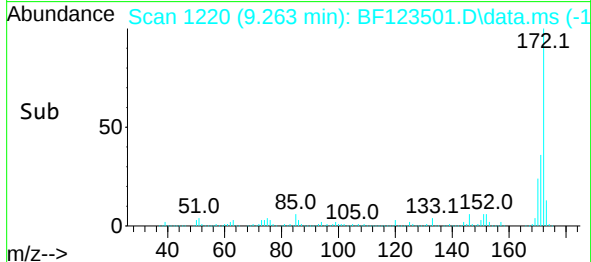
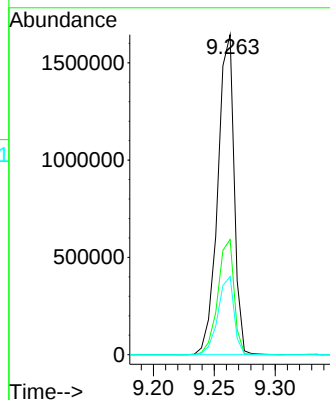
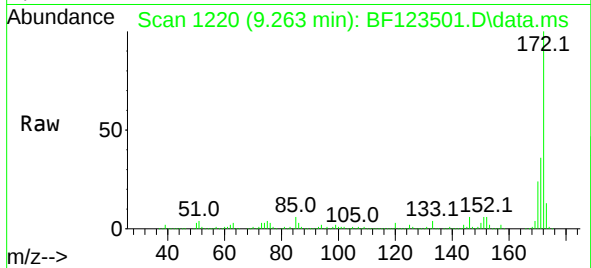




#45
2-Fluorobiphenyl
Concen: 39.13 ng
RT: 9.263 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF123501.D
Acq: 29 Mar 2021 18:11

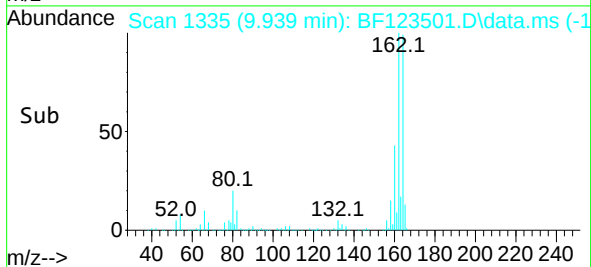
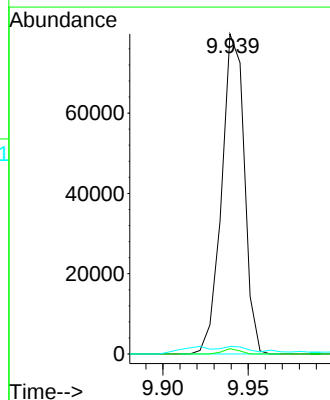
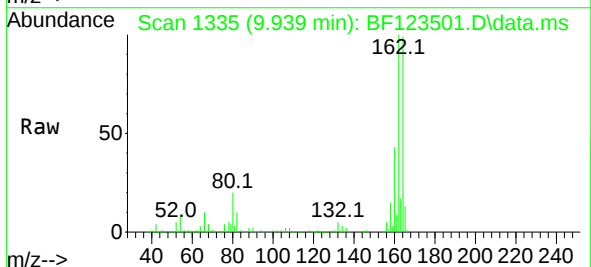
Instrument :
BNA_F
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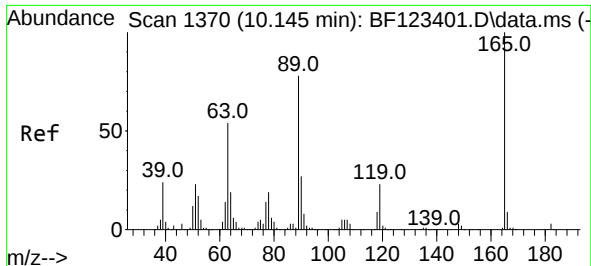
Tgt Ion:172 Resp: 1541989
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 24.4 19.5 29.3



#51
2,6-Dinitrotoluene
Concen: 8.81 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.212 min
Lab File: BF123501.D
Acq: 29 Mar 2021 18:11

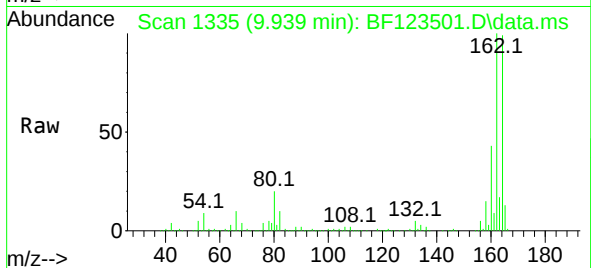
Tgt Ion:165 Resp: 73603
Ion Ratio Lower Upper
165 100
63 1.7 36.6 55.0#
89 2.4 39.4 59.0#



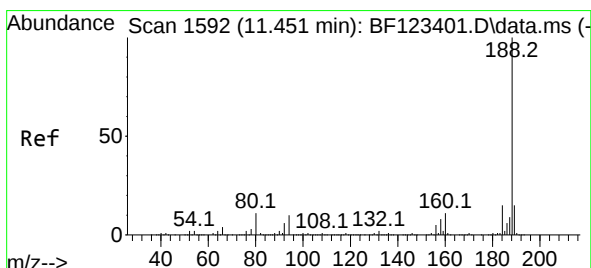
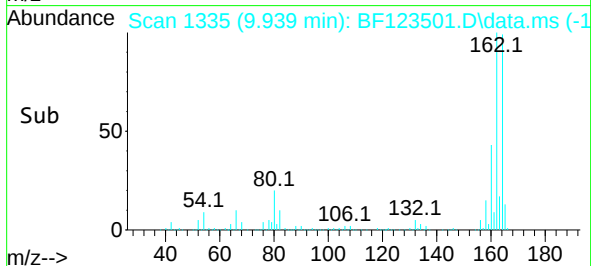
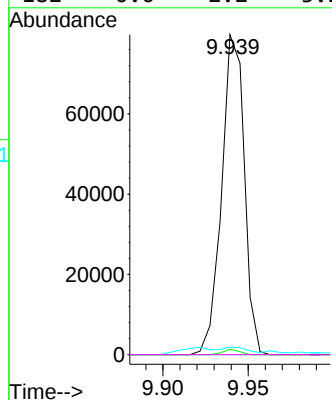


#57
2,4-Dinitrotoluene
Concen: 7.06 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.188 min
Lab File: BF123501.D
Acq: 29 Mar 2021 18:11

Instrument :
BNA_F
ClientSampled :
L07

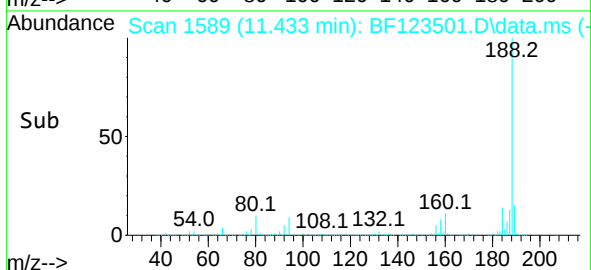
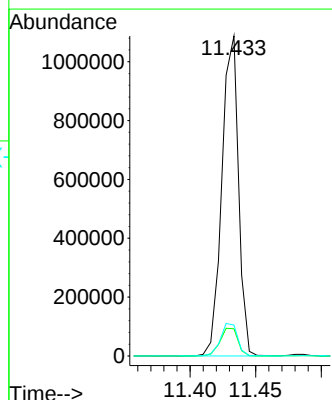
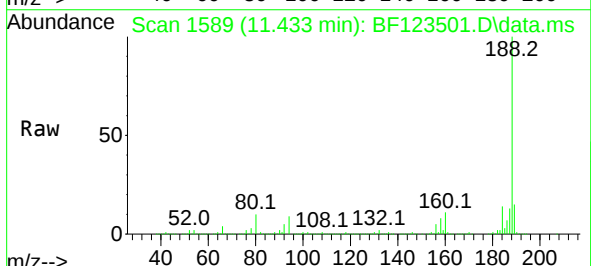


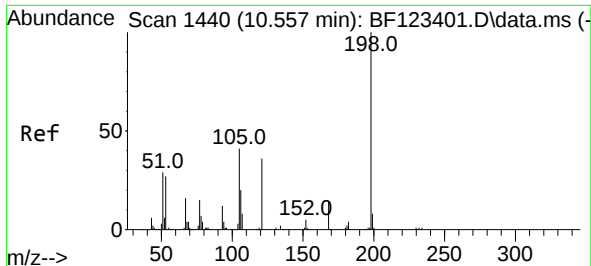
Tgt Ion:165 Resp: 73603
Ion Ratio Lower Upper
165 100
63 1.7 34.3 51.5#
89 2.4 55.2 82.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF123501.D
Acq: 29 Mar 2021 18:11

Tgt Ion:188 Resp: 957785
Ion Ratio Lower Upper
188 100
94 8.5 7.4 11.2
80 9.7 8.2 12.4

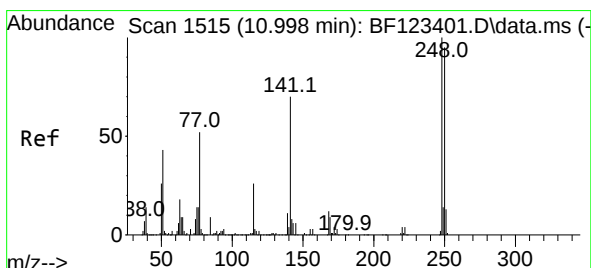
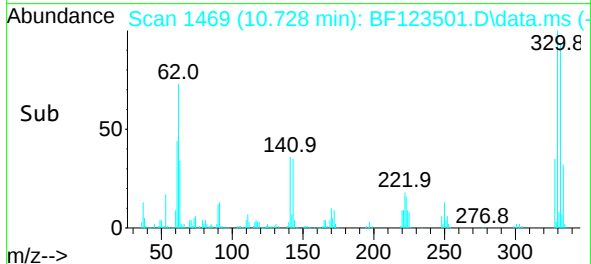
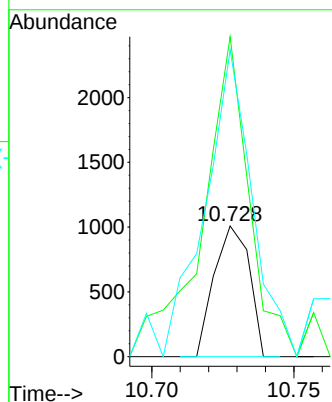
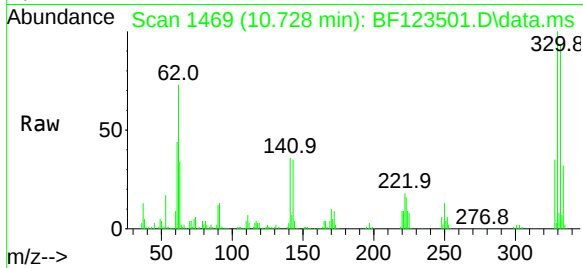




#65
4,6-Dinitro-2-methylphenol
Concen: 5.27 ng
RT: 10.728 min Scan# 1469
Delta R.T. 0.188 min
Lab File: BF123501.D
Acq: 29 Mar 2021 18:11

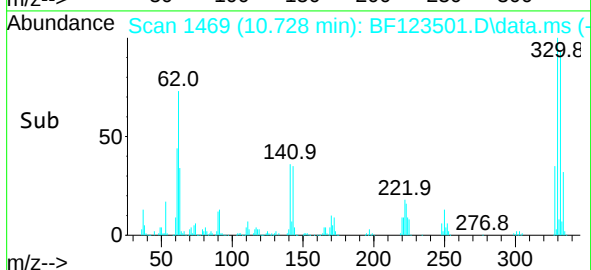
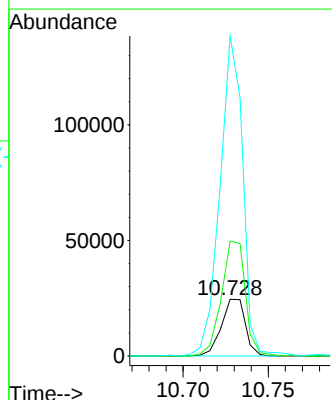
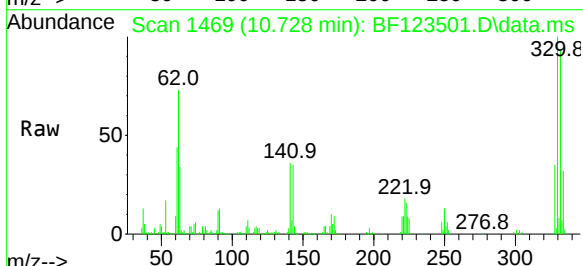
Instrument :
BNA_F
ClientSampled :
L07

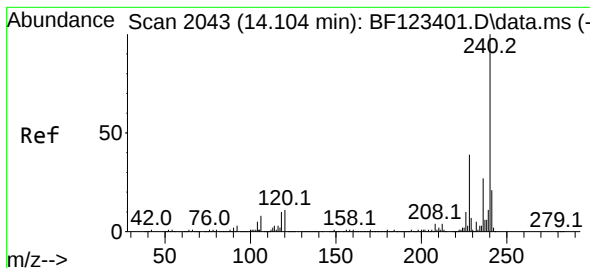
Tgt Ion:198 Resp: 867
Ion Ratio Lower Upper
198 100
51 244.8 20.3 60.3#
105 234.7 23.0 63.0#



#67
4-Bromophenyl-phenylether
Concen: 2.11 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.253 min
Lab File: BF123501.D
Acq: 29 Mar 2021 18:11

Tgt Ion:248 Resp: 23974
Ion Ratio Lower Upper
248 100
250 203.0 76.8 115.2#
141 565.2 59.8 89.8#

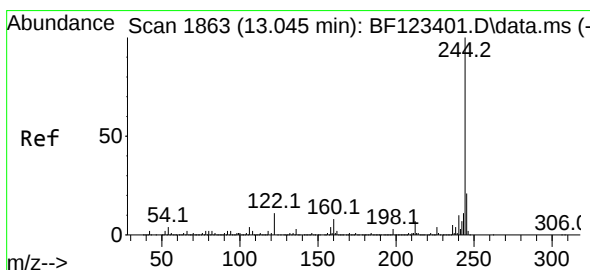
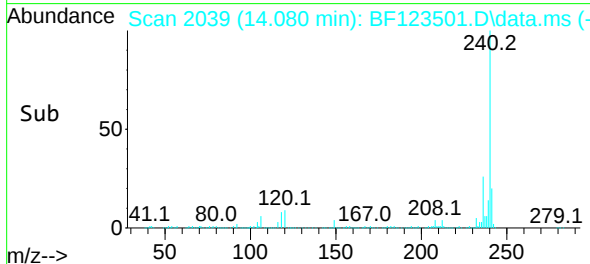
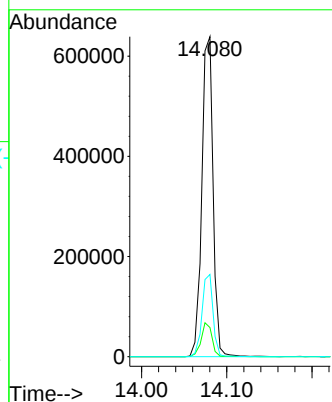
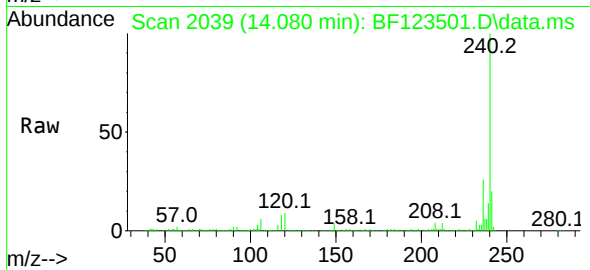




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF123501.D
Acq: 29 Mar 2021 18:11

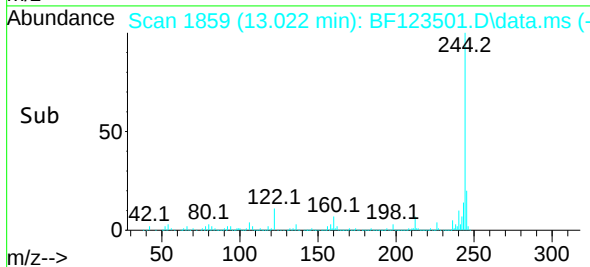
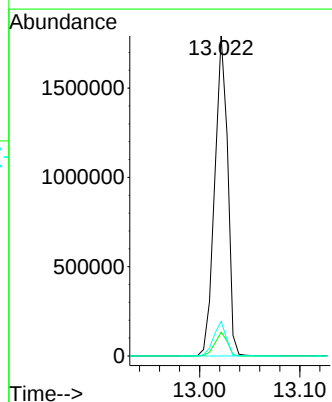
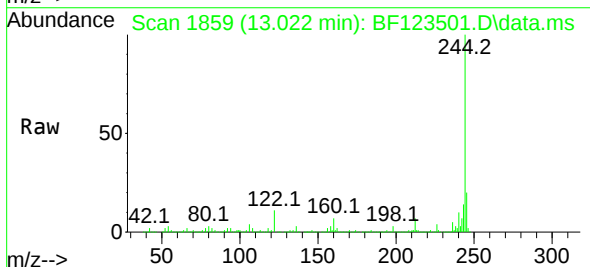
Instrument :
BNA_F
ClientSampled :
L07

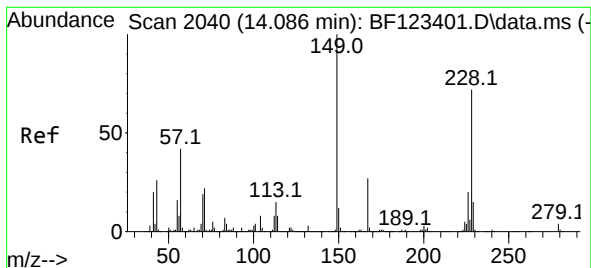
Tgt Ion:240 Resp: 586606
Ion Ratio Lower Upper
240 100
120 9.1 8.6 12.8
236 25.7 20.3 30.5



#79
Terphenyl-d14
Concen: 46.48 ng
RT: 13.022 min Scan# 1859
Delta R.T. -0.006 min
Lab File: BF123501.D
Acq: 29 Mar 2021 18:11

Tgt Ion:244 Resp: 1608849
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 10.8 8.3 12.5

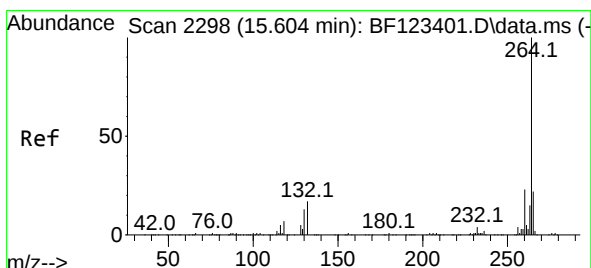
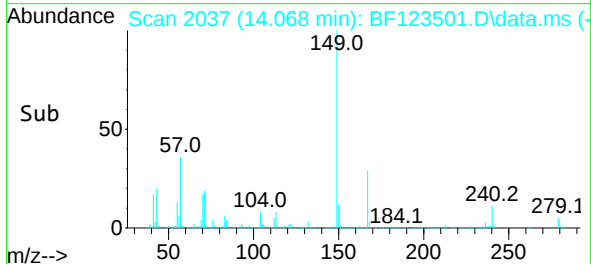
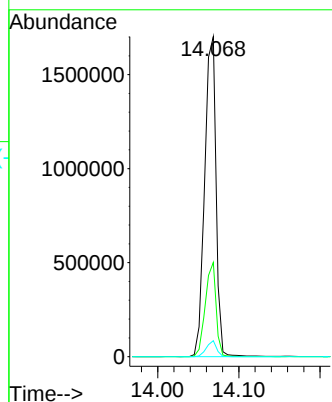
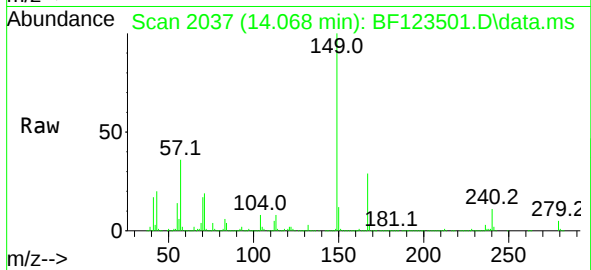




#84
Bis(2-ethylhexyl)phthalate
Concen: 67.15 ng
RT: 14.068 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BF123501.D
Acq: 29 Mar 2021 18:11

Instrument :
BNA_F
ClientSampleId :
L07

Tgt Ion:149 Resp: 1659064
Ion Ratio Lower Upper
149 100
167 29.4 21.4 32.2
279 5.0 3.4 5.0



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.574 min Scan# 2293
Delta R.T. -0.006 min
Lab File: BF123501.D
Acq: 29 Mar 2021 18:11

Tgt Ion:264 Resp: 527138
Ion Ratio Lower Upper
264 100
260 22.0 18.6 28.0
265 21.9 17.0 25.6

