

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061521\
 Data File : BF124321.D
 Acq On : 15 Jun 2021 13:59
 Operator : JU/CG
 Sample : PB137103BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB137103BL

Quant Time: Jun 15 15:02:27 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 15 15:00:28 2021
 Response via : Initial Calibration

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

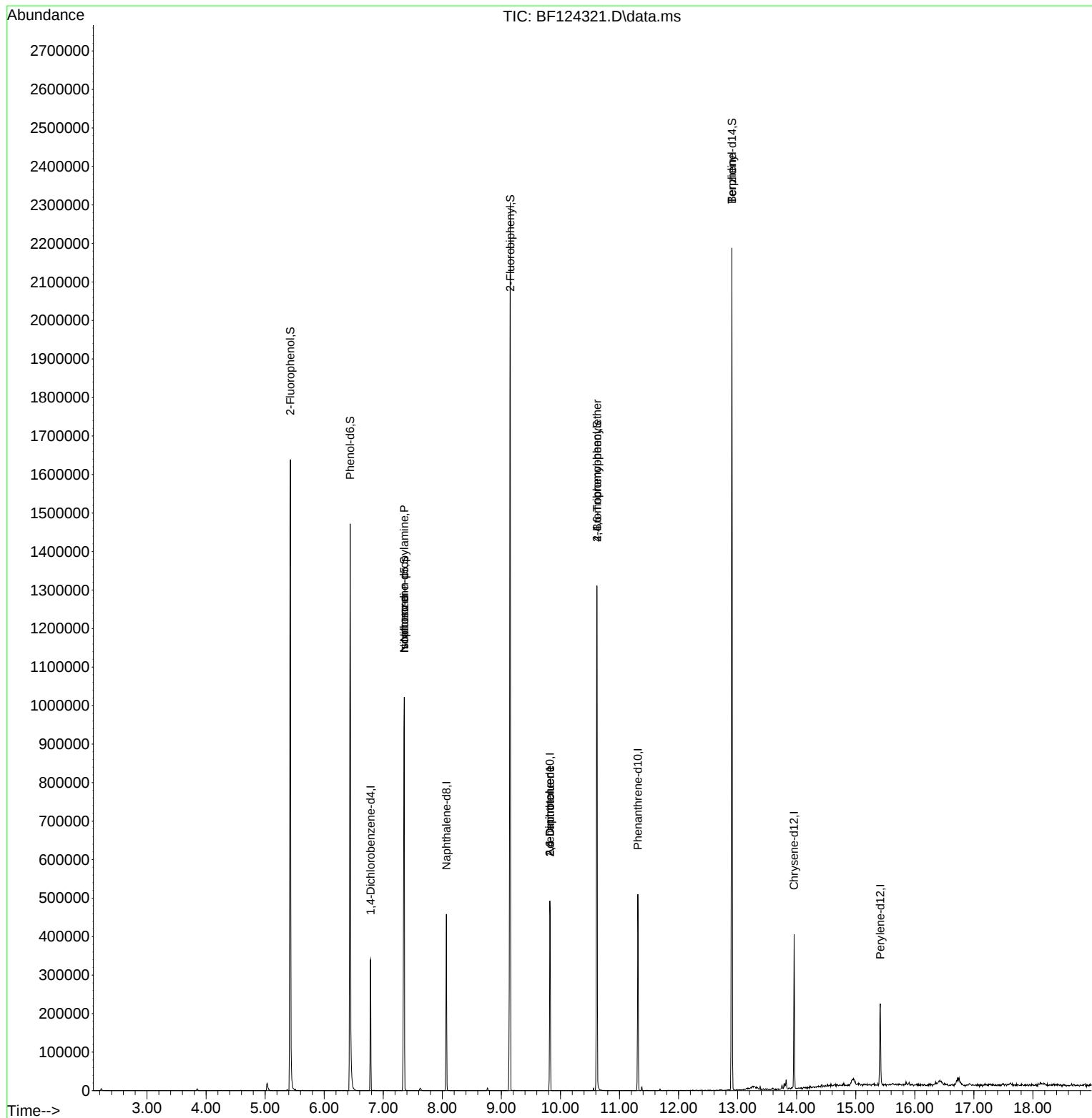
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	46137	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	171976	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	96215	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	170145	20.000	ng	0.00
76) Chrysene-d12	13.957	240	115505	20.000	ng	0.00
86) Perylene-d12	15.415	264	88226	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	368735	120.310	ng	0.01
7) Phenol-d6	6.439	99	458442	111.281	ng	0.00
23) Nitrobenzene-d5	7.357	82	354975	81.865	ng	0.00
42) 2,4,6-Tribromophenol	10.621	330	154346	113.229	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	641281	83.871	ng	0.00
79) Terphenyl-d14	12.904	244	700802	83.301	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.357	70	51131	17.582	ng	# 65
25) Isophorone	7.357	82	354971	45.429	ng	# 69
51) 2,6-Dinitrotoluene	9.822	165	13112	7.184	ng	# 13
57) 2,4-Dinitrotoluene	9.822	165	13112	5.447	ng	# 18
67) 4-Bromophenyl-phenylether	10.621	248	10547	4.516	ng	# 1
77) Benzidine	12.904	184	11905	8.109	ng	# 97

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

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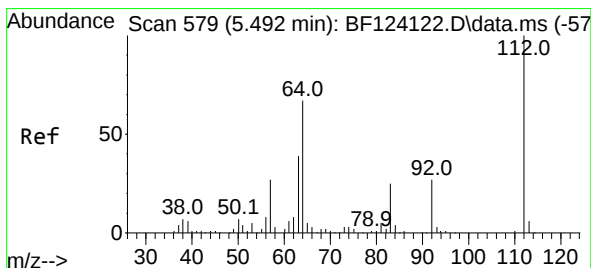
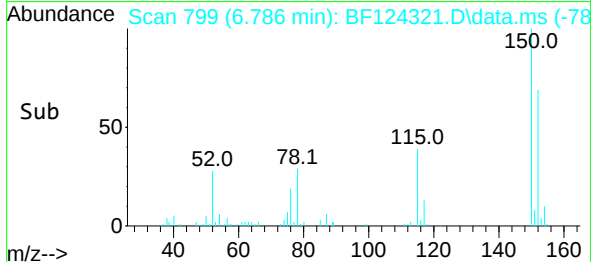
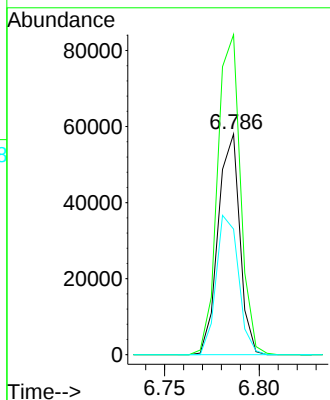
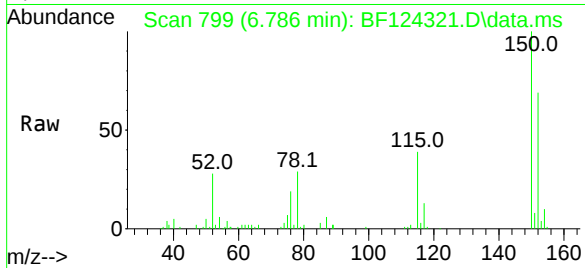




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 799
Delta R.T. 0.000 min
Lab File: BF124321.D
Acq: 15 Jun 2021 13:59

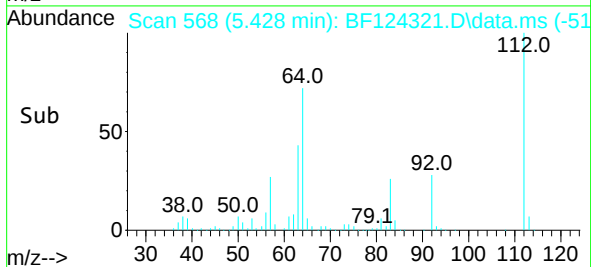
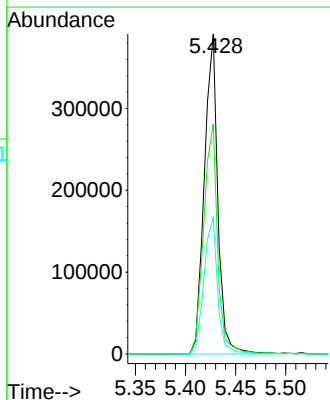
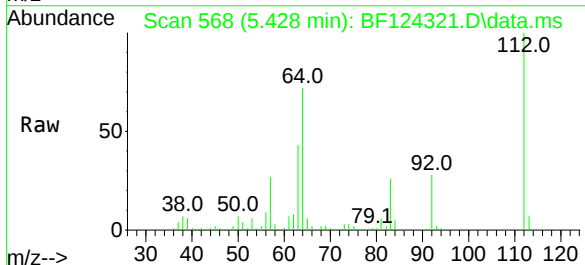
Instrument :
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ClientSampleId :
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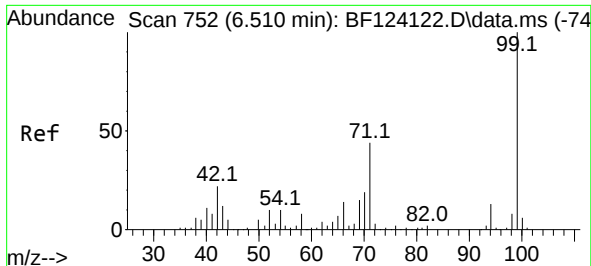
Tgt Ion:152 Resp: 46137
Ion Ratio Lower Upper
152 100
150 145.0 127.0 190.6
115 56.9 54.3 81.5



#5
2-Fluorophenol
Concen: 120.310 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.012 min
Lab File: BF124321.D
Acq: 15 Jun 2021 13:59

Tgt Ion:112 Resp: 368735
Ion Ratio Lower Upper
112 100
64 72.0 61.4 92.0
63 42.7 33.0 49.4

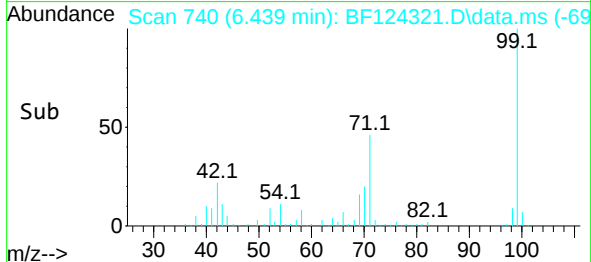
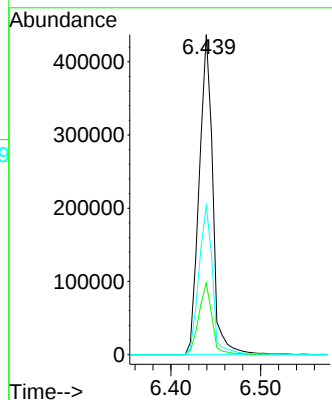
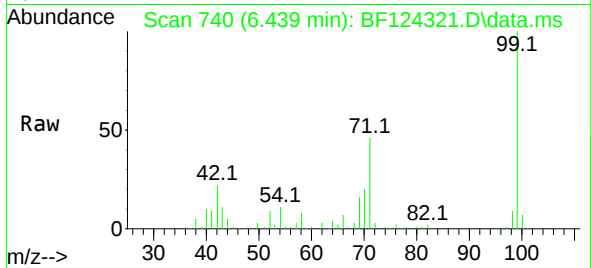




#7
Phenol-d6
Concen: 111.281 ng
RT: 6.439 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF124321.D
Acq: 15 Jun 2021 13:59

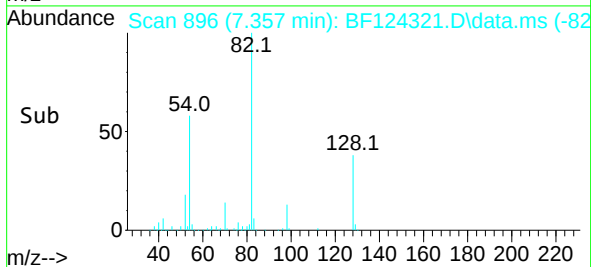
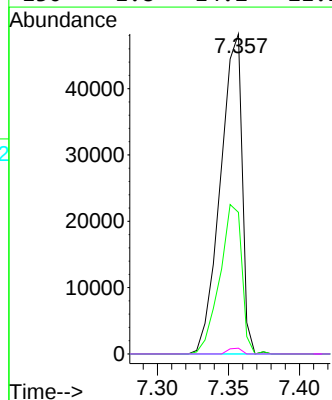
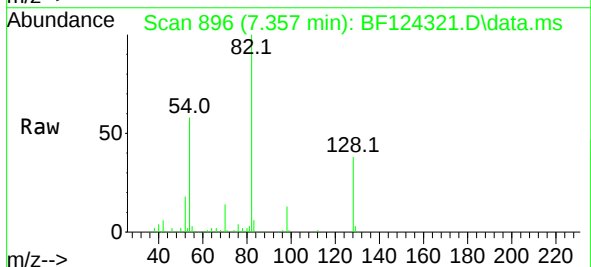
Instrument :
BNA_F
ClientSampleId :
PB137103BL

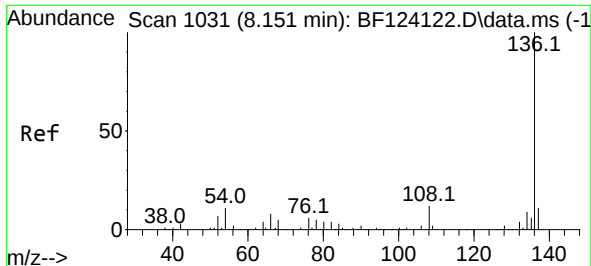
Tgt Ion: 99 Resp: 458442
Ion Ratio Lower Upper
99 100
42 22.5 19.8 29.8
71 46.4 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.582 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.147 min
Lab File: BF124321.D
Acq: 15 Jun 2021 13:59

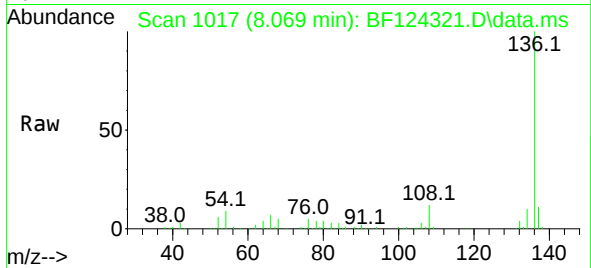
Tgt Ion: 70 Resp: 51131
Ion Ratio Lower Upper
70 100
42 44.2 60.1 90.1#
101 0.0 7.4 11.2#
130 1.8 14.2 21.2#



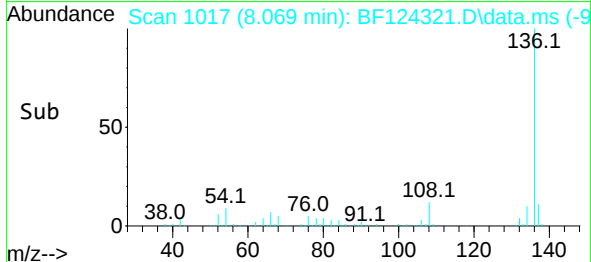
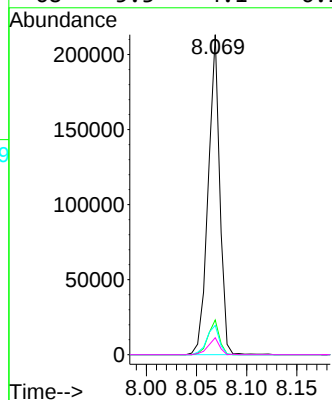


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF124321.D
Acq: 15 Jun 2021 13:59

Instrument :
BNA_F
ClientSampleId :
PB137103BL

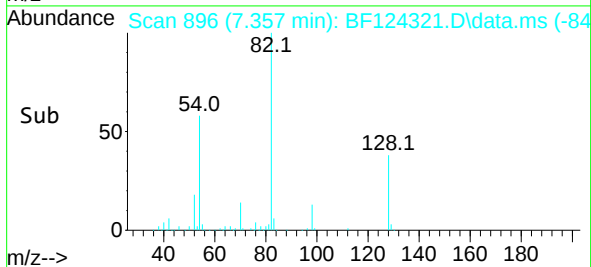
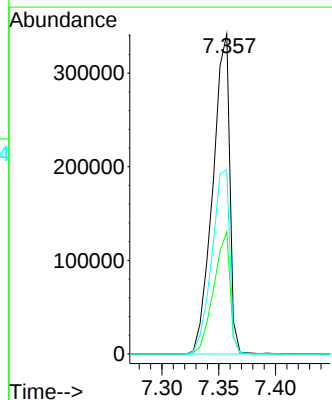
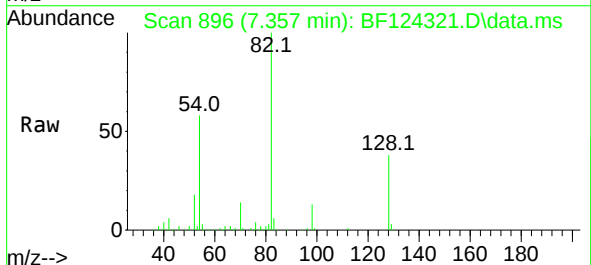


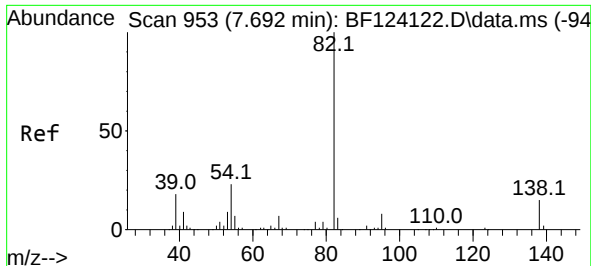
Tgt Ion:136 Resp: 171976
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 9.1 9.8 14.6#
68 5.3 4.1 6.1



#23
Nitrobenzene-d5
Concen: 81.865 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.000 min
Lab File: BF124321.D
Acq: 15 Jun 2021 13:59

Tgt Ion: 82 Resp: 354975
Ion Ratio Lower Upper
82 100
128 38.2 29.4 44.2
54 57.5 54.1 81.1

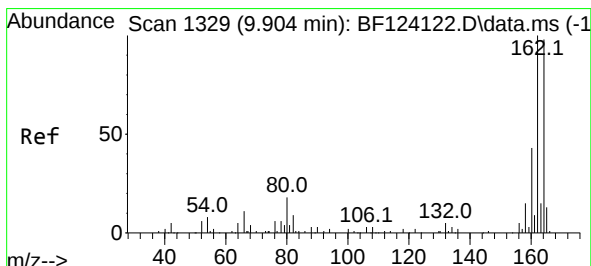
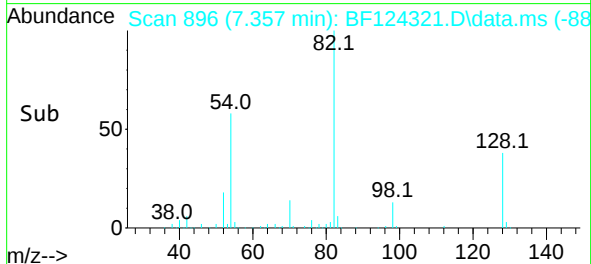
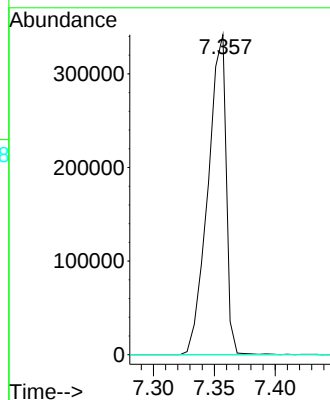
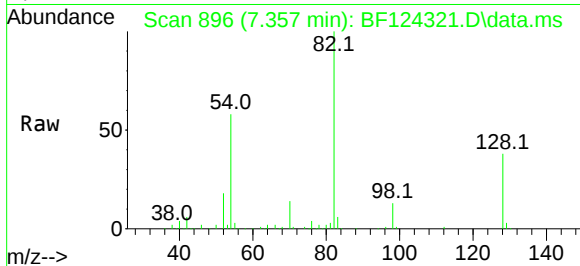




#25
Isophorone
Concen: 45.429 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.259 min
Lab File: BF124321.D
Acq: 15 Jun 2021 13:59

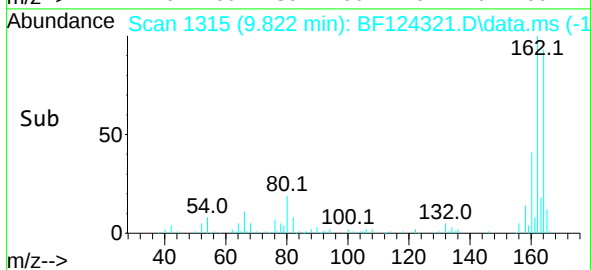
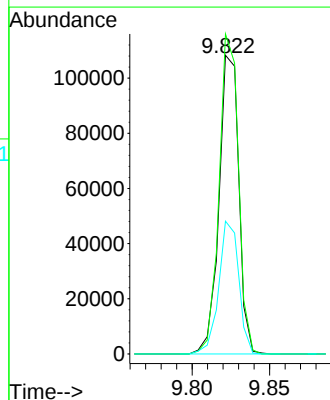
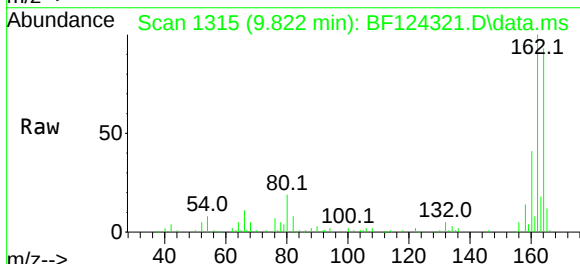
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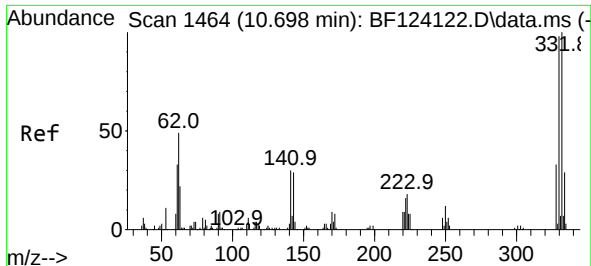
Tgt Ion: 82 Resp: 354971
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124321.D
Acq: 15 Jun 2021 13:59

Tgt Ion: 164 Resp: 96215
Ion Ratio Lower Upper
164 100
162 107.1 80.7 121.1
160 44.5 37.3 55.9

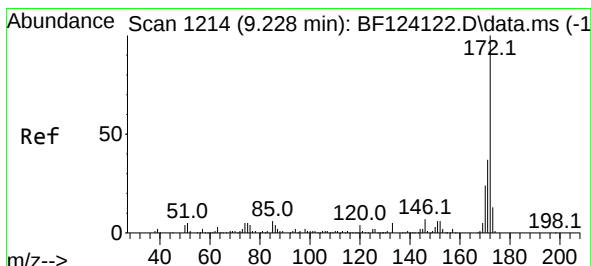
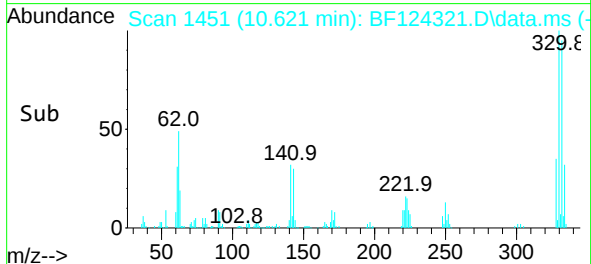
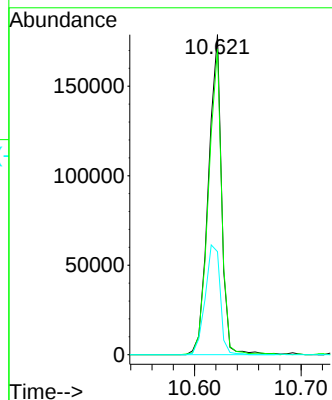
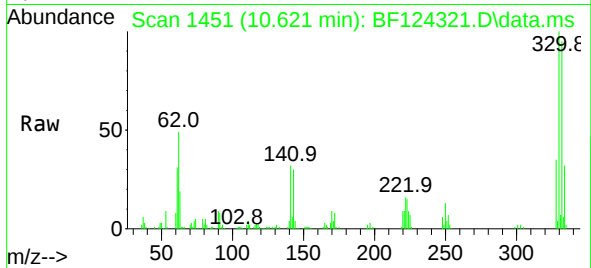




#42
2,4,6-Tribromophenol
Concen: 113.229 ng
RT: 10.621 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BF124321.D
Acq: 15 Jun 2021 13:59

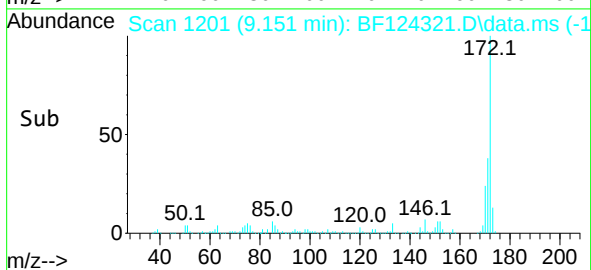
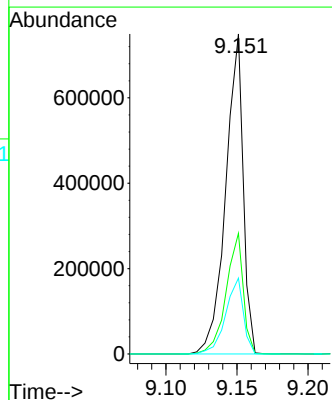
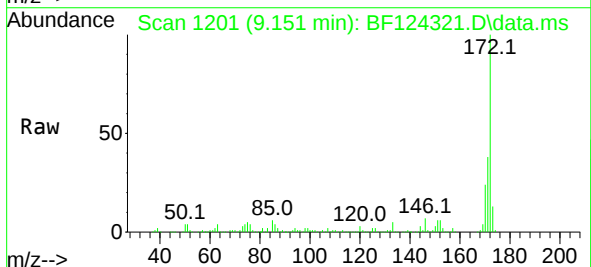
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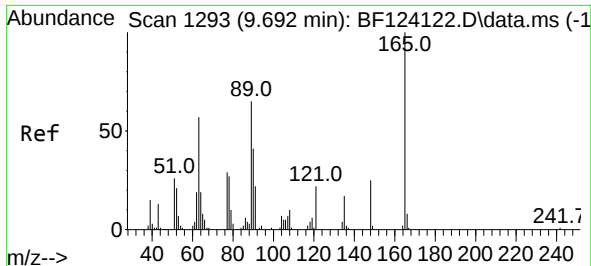
Tgt Ion: 330 Resp: 154346
Ion Ratio Lower Upper
330 100
332 95.8 77.1 115.7
141 38.8 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 83.871 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.000 min
Lab File: BF124321.D
Acq: 15 Jun 2021 13:59

Tgt Ion: 172 Resp: 641281
Ion Ratio Lower Upper
172 100
171 37.7 28.1 42.1
170 23.7 19.2 28.8

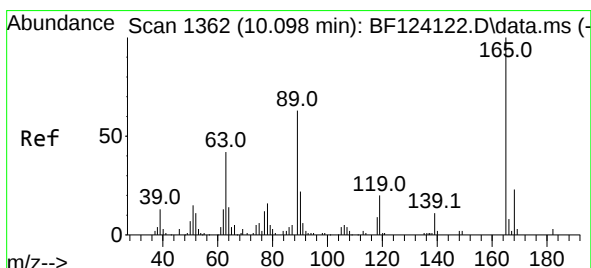
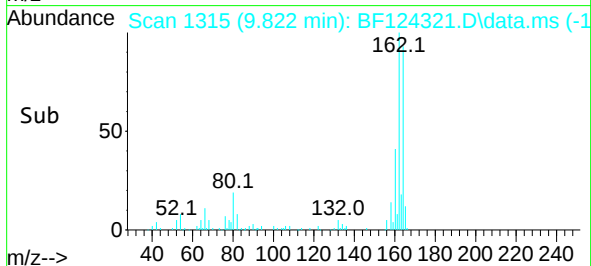
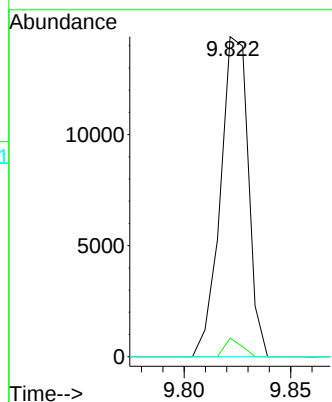
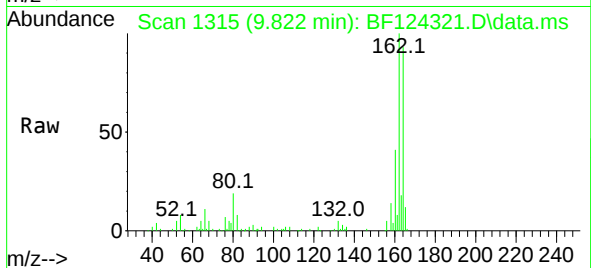




#51
2,6-Dinitrotoluene
Concen: 7.184 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF124321.D
Acq: 15 Jun 2021 13:59

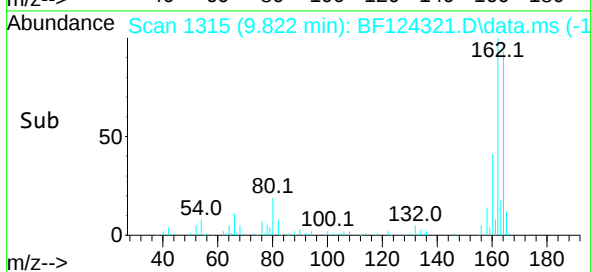
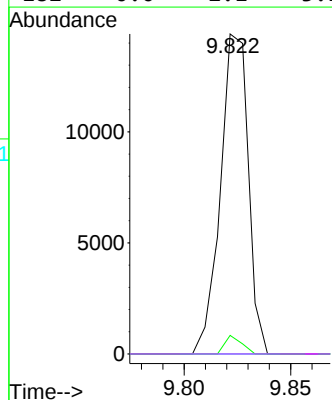
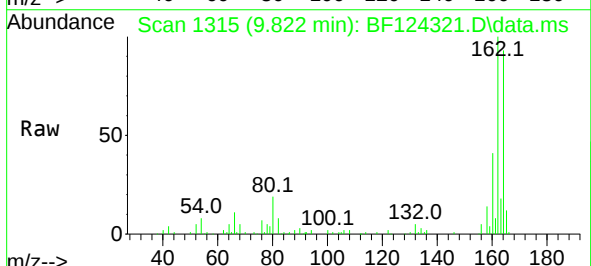
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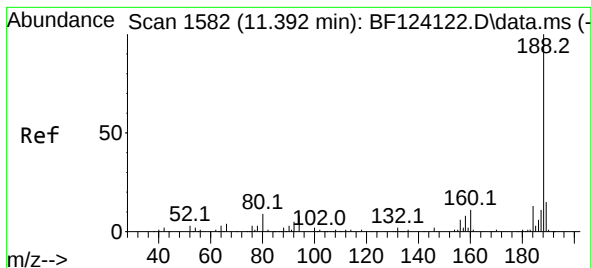
Tgt Ion:165 Resp: 13112
Ion Ratio Lower Upper
165 100
63 5.8 67.7 101.5#
89 0.0 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 5.447 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF124321.D
Acq: 15 Jun 2021 13:59

Tgt Ion:165 Resp: 13112
Ion Ratio Lower Upper
165 100
63 5.8 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#

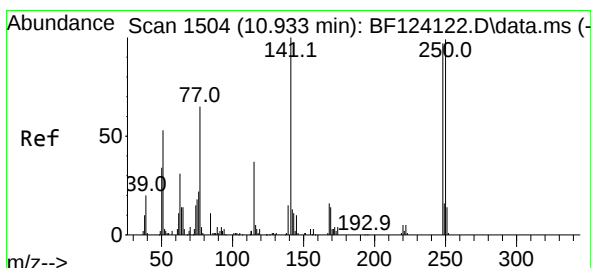
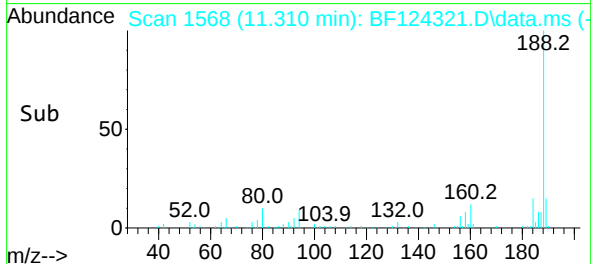
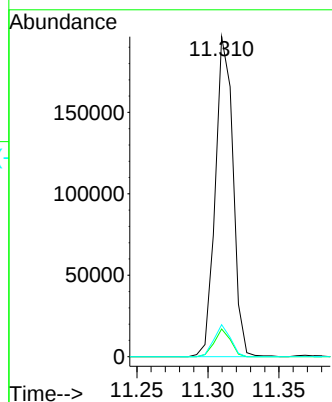
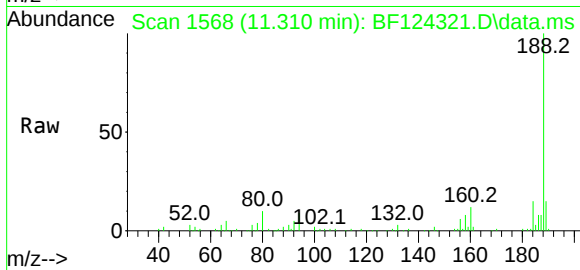




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124321.D
Acq: 15 Jun 2021 13:59

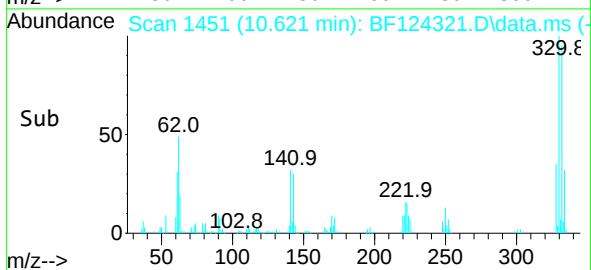
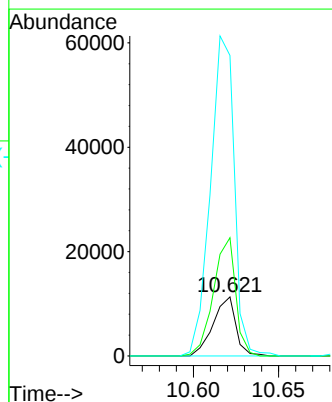
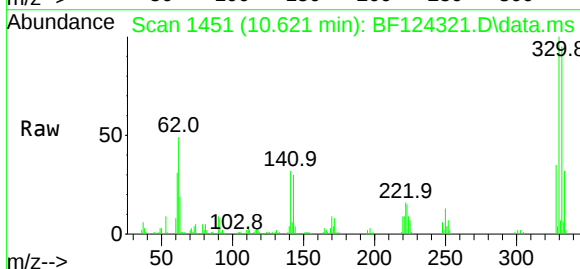
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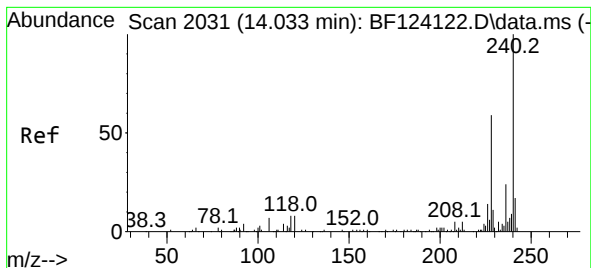
Tgt Ion:188 Resp: 170145
Ion Ratio Lower Upper
188 100
94 8.6 6.9 10.3
80 10.0 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 4.516 ng
RT: 10.621 min Scan# 1451
Delta R.T. -0.241 min
Lab File: BF124321.D
Acq: 15 Jun 2021 13:59

Tgt Ion:248 Resp: 10547
Ion Ratio Lower Upper
248 100
250 200.1 77.4 116.2#
141 508.6 63.7 95.5#

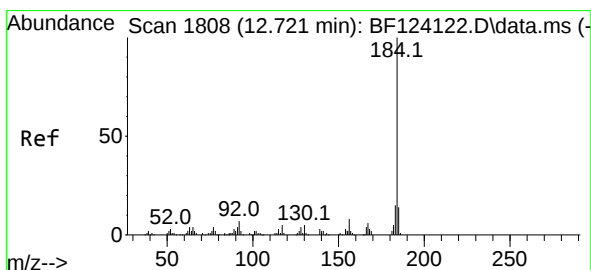
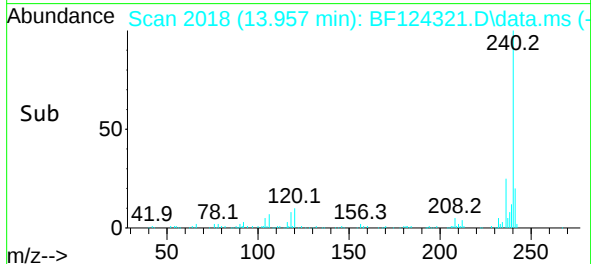
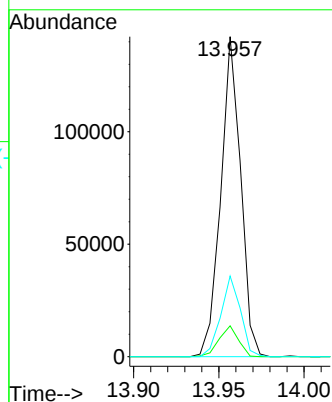
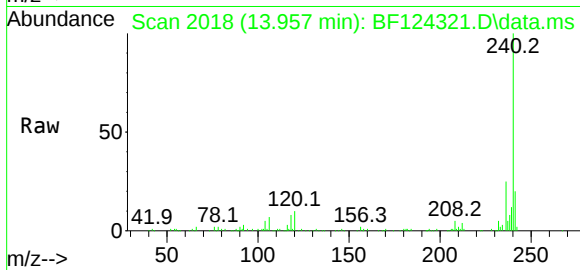




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF124321.D
Acq: 15 Jun 2021 13:59

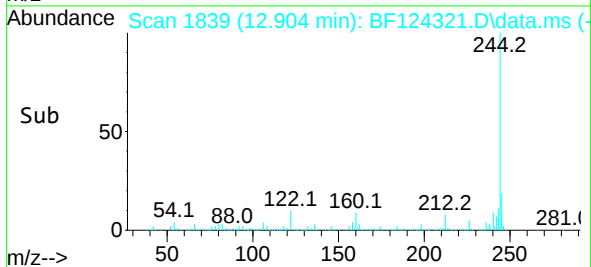
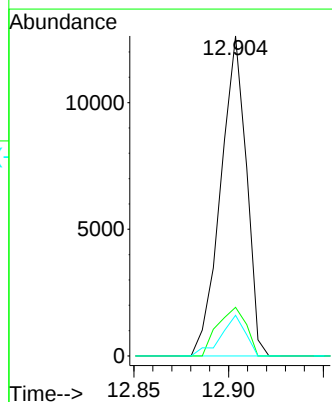
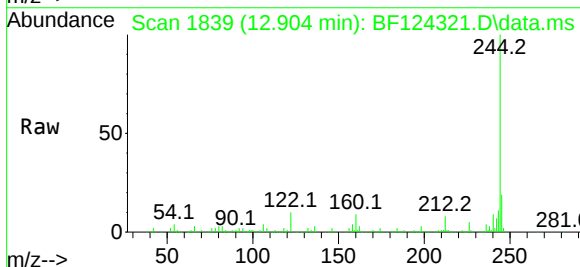
Instrument :
BNA_F
ClientSampleId :
PB137103BL

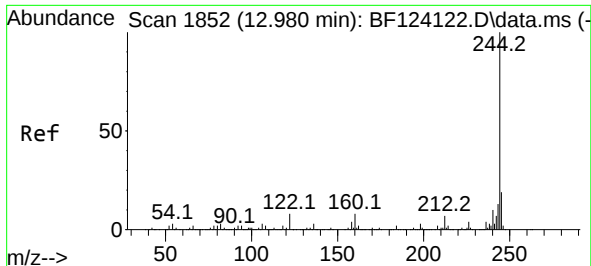
Tgt Ion:240 Resp: 115505
Ion Ratio Lower Upper
240 100
120 9.6 7.2 10.8
236 25.2 19.0 28.4



#77
Benzidine
Concen: 8.109 ng
RT: 12.904 min Scan# 1839
Delta R.T. 0.206 min
Lab File: BF124321.D
Acq: 15 Jun 2021 13:59

Tgt Ion:184 Resp: 11905
Ion Ratio Lower Upper
184 100
185 15.2 12.1 18.1
183 12.7 7.8 11.8#

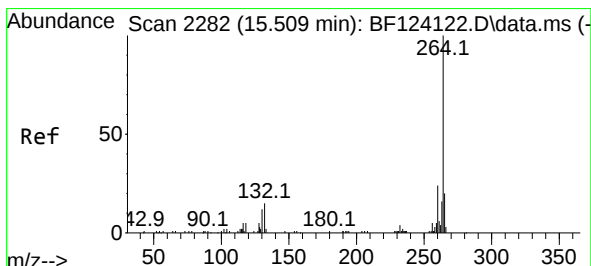
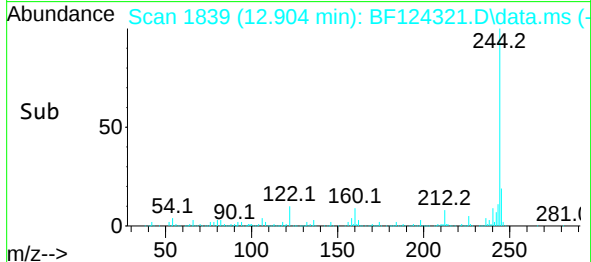
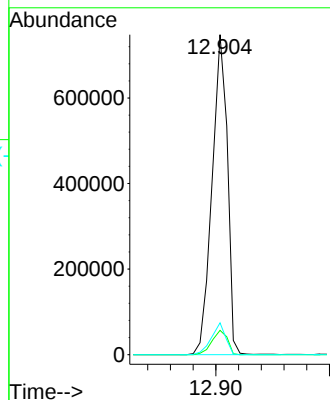
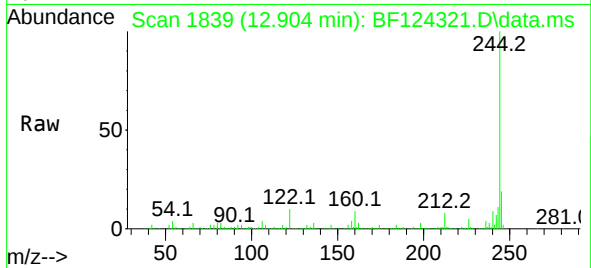




#79
Terphenyl-d14
Concen: 83.301 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.000 min
Lab File: BF124321.D
Acq: 15 Jun 2021 13:59

Instrument :
BNA_F
ClientSampleId :
PB137103BL

Tgt Ion:244 Resp: 700802
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 9.9 9.7 14.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 2266
Delta R.T. -0.000 min
Lab File: BF124321.D
Acq: 15 Jun 2021 13:59

Tgt Ion:264 Resp: 88226
Ion Ratio Lower Upper
264 100
260 24.3 18.7 28.1
265 19.2 17.8 26.8

