

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050521\
 Data File : BF123824.D
 Acq On : 5 May 2021 13:12
 Operator : JU/CG
 Sample : PB136166BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB136166BL

Quant Time: May 05 13:44:17 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 05 13:09:28 2021
 Response via : Initial Calibration

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

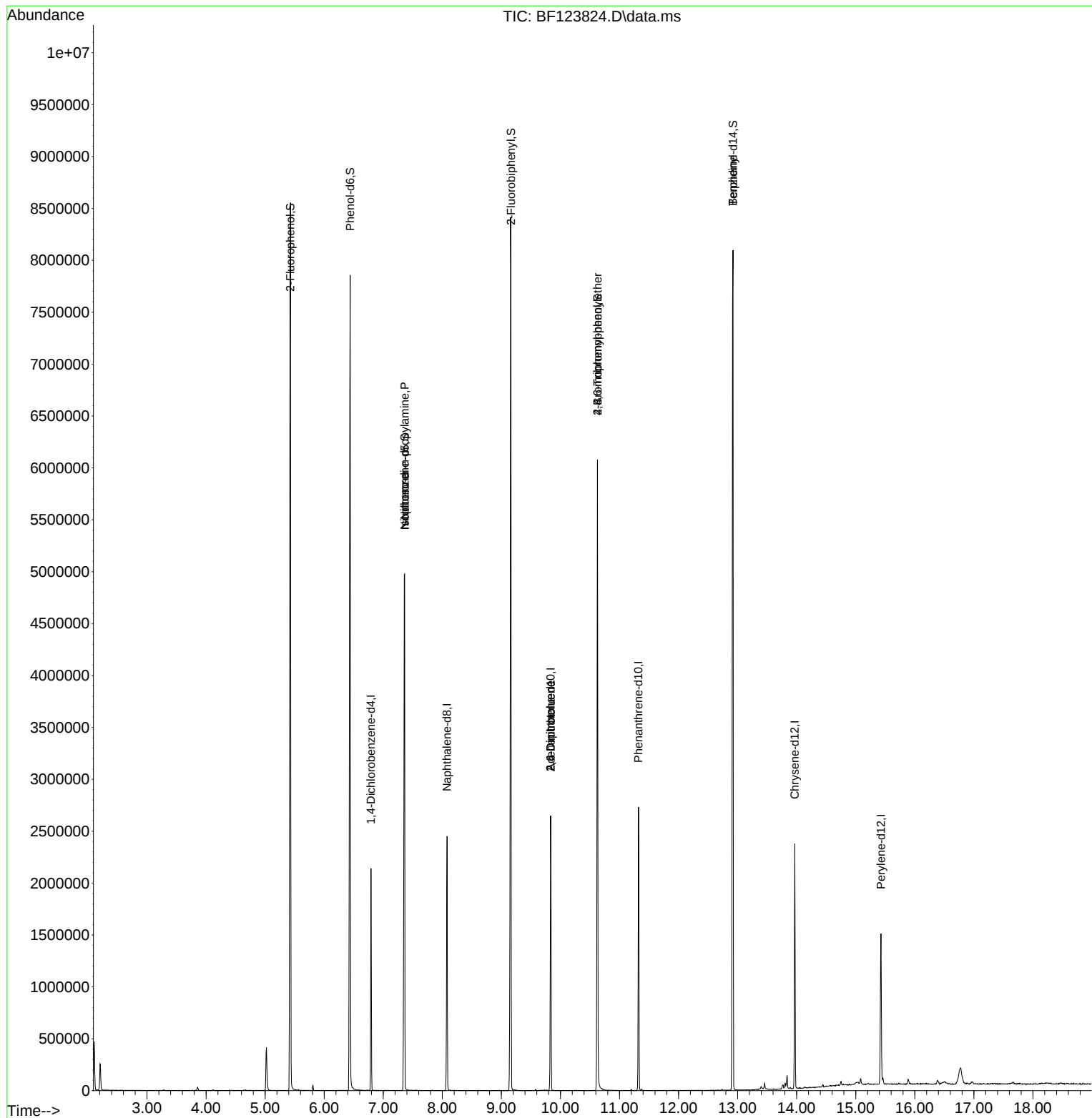
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	263474	20.00	ng	0.00
21) Naphthalene-d8	8.081	136	1017313	20.00	ng	0.00
39) Acenaphthene-d10	9.833	164	502944	20.00	ng	0.00
64) Phenanthrene-d10	11.321	188	968111	20.00	ng	0.00
76) Chrysene-d12	13.968	240	743212	20.00	ng	0.00
86) Perylene-d12	15.427	264	641198	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	2012915	121.04	ng	0.02
7) Phenol-d6	6.439	99	2626430	114.64	ng	0.00
23) Nitrobenzene-d5	7.363	82	1831134	81.25	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	727432	116.18	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	2777244	80.42	ng	0.00
79) Terphenyl-d14	12.921	244	2964509	76.81	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.363	70	256459	18.13	ng	Qvalue # 69
25) Isophorone	7.363	82	1818141	43.03	ng	# 69
51) 2,6-Dinitrotoluene	9.833	165	64365	7.86	ng	# 12
57) 2,4-Dinitrotoluene	9.833	165	64365	5.76	ng	# 17
67) 4-Bromophenyl-phenylether	10.627	248	41293	4.05	ng	# 1
77) Benzidine	12.921	184	39431	2.05	ng	99

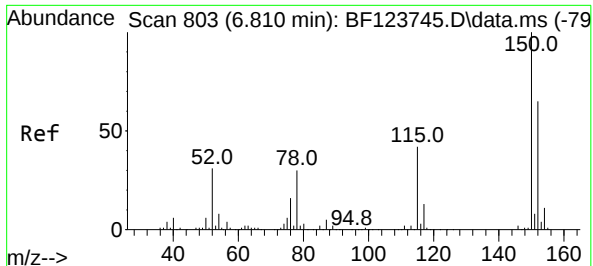
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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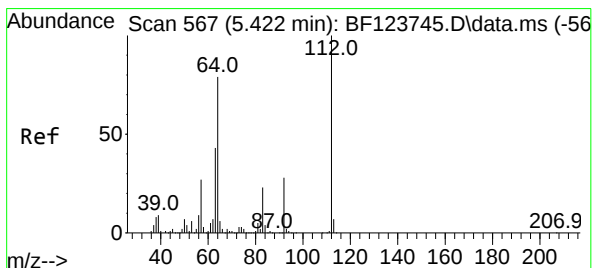
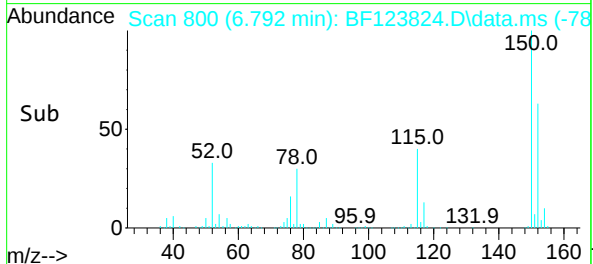
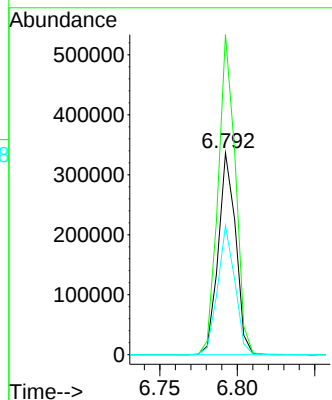
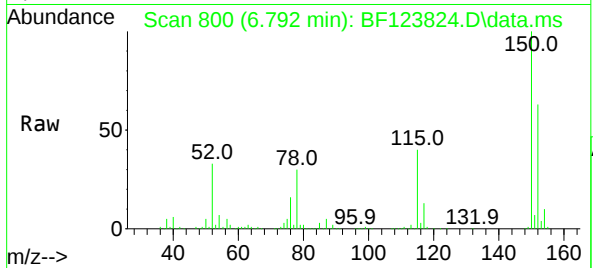




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF123824.D
Acq: 5 May 2021 13:12

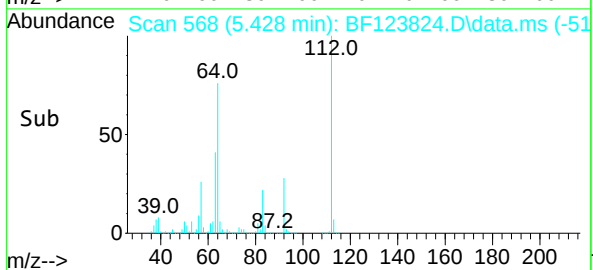
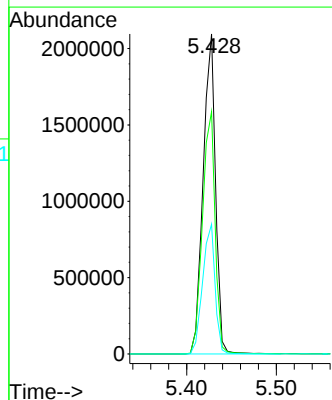
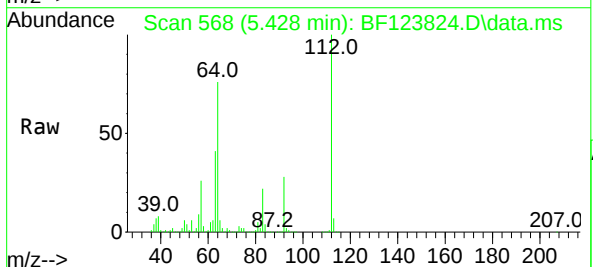
Instrument :
BNA_F
ClientSampleId :
PB136166BL

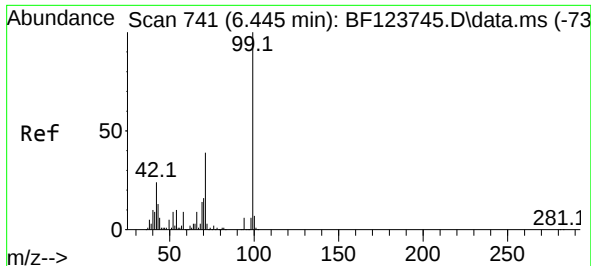
Tgt Ion:152 Resp: 263474
Ion Ratio Lower Upper
152 100
150 158.5 127.0 190.6
115 64.0 54.3 81.5



#5
2-Fluorophenol
Concen: 121.04 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.017 min
Lab File: BF123824.D
Acq: 5 May 2021 13:12

Tgt Ion:112 Resp: 2012915
Ion Ratio Lower Upper
112 100
64 75.7 61.4 92.0
63 40.6 33.0 49.4

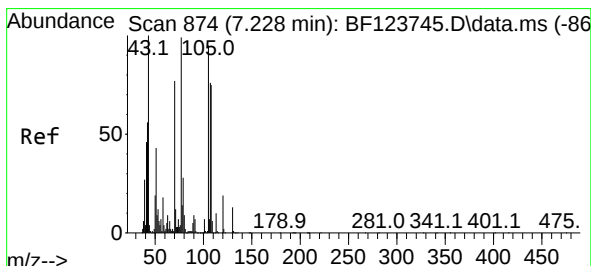
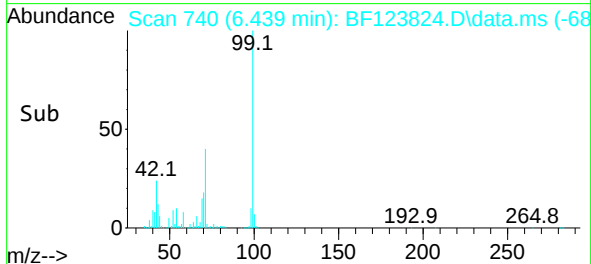
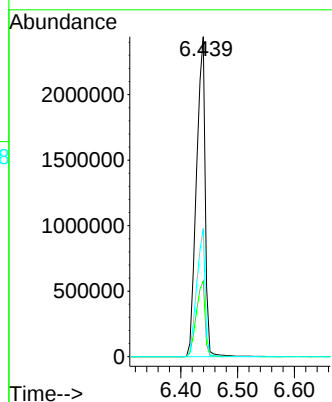
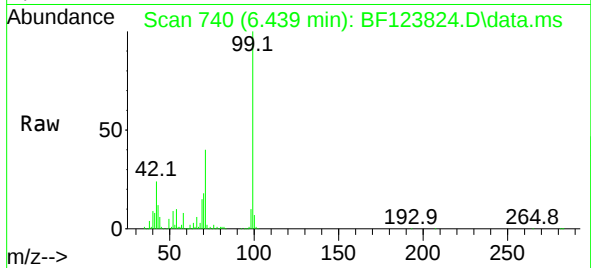




#7
Phenol-d6
Concen: 114.64 ng
RT: 6.439 min Scan# 740
Delta R.T. -0.000 min
Lab File: BF123824.D
Acq: 5 May 2021 13:12

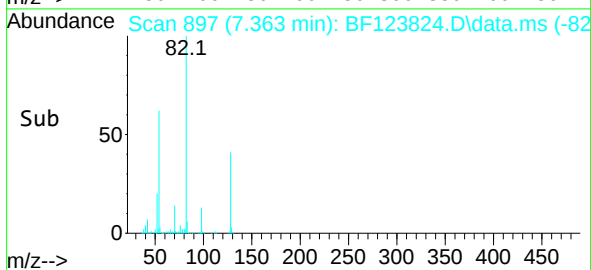
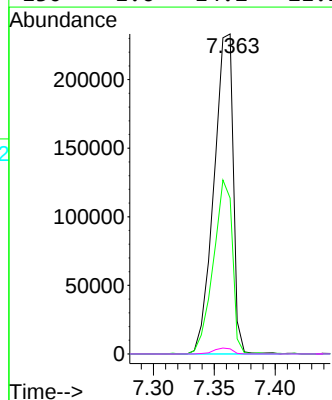
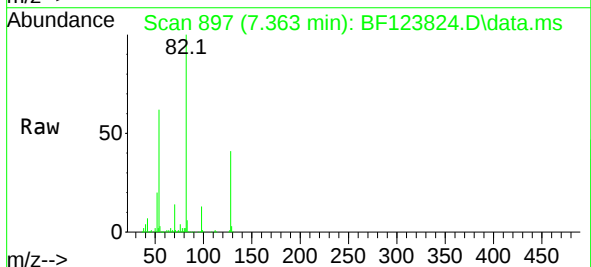
Instrument :
BNA_F
ClientSampleId :
PB136166BL

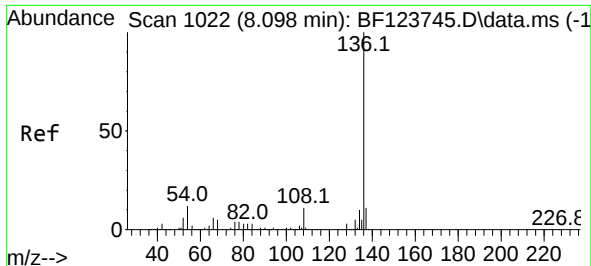
Tgt Ion: 99 Resp: 2626430
Ion Ratio Lower Upper
99 100
42 23.7 19.8 29.8
71 40.0 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.13 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.147 min
Lab File: BF123824.D
Acq: 5 May 2021 13:12

Tgt Ion: 70 Resp: 256459
Ion Ratio Lower Upper
70 100
42 48.7 60.1 90.1#
101 0.0 7.4 11.2#
130 1.6 14.2 21.2#

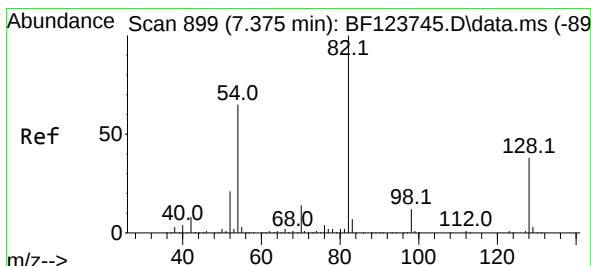
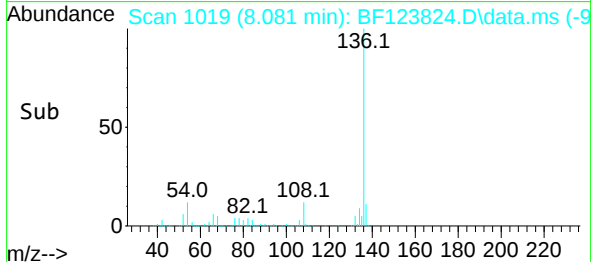
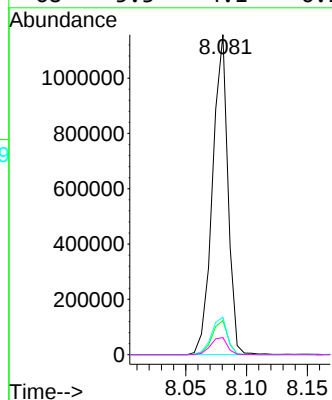
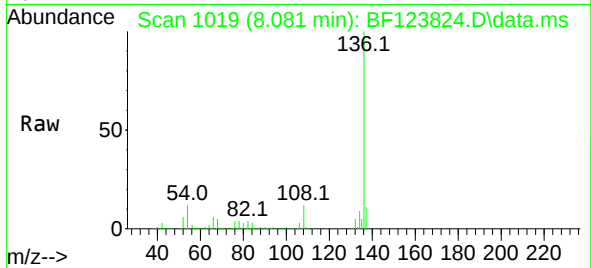




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF123824.D
Acq: 5 May 2021 13:12

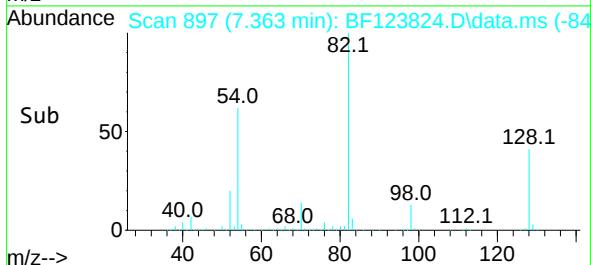
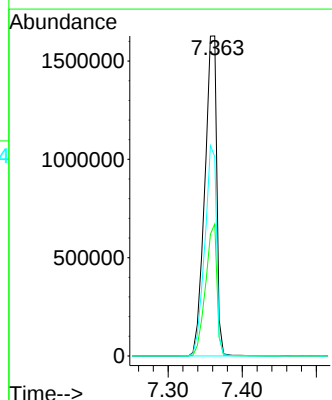
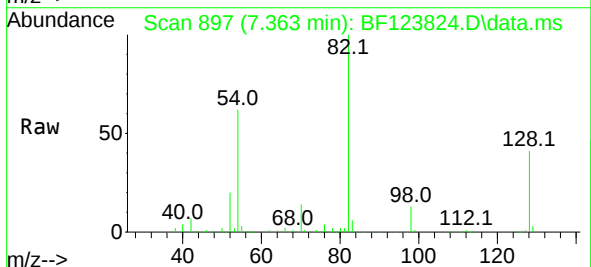
Instrument :
BNA_F
ClientSampleId :
PB136166BL

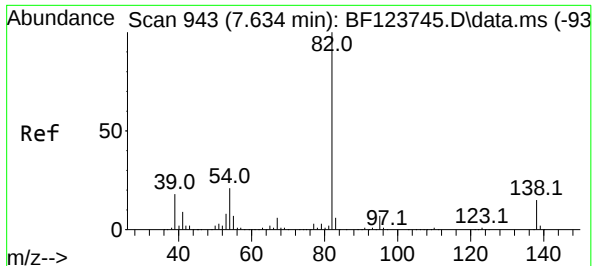
Tgt Ion:136 Resp: 1017313
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 11.7 9.8 14.6
68 5.3 4.1 6.1



#23
Nitrobenzene-d5
Concen: 81.25 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.000 min
Lab File: BF123824.D
Acq: 5 May 2021 13:12

Tgt Ion: 82 Resp: 1831134
Ion Ratio Lower Upper
82 100
128 41.3 29.4 44.2
54 62.3 54.1 81.1

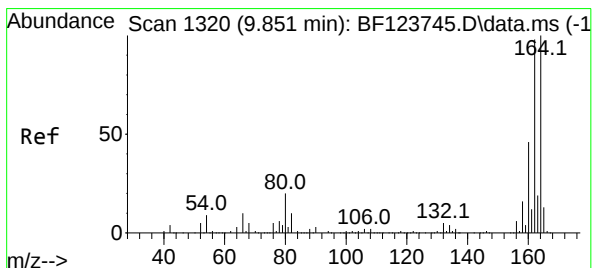
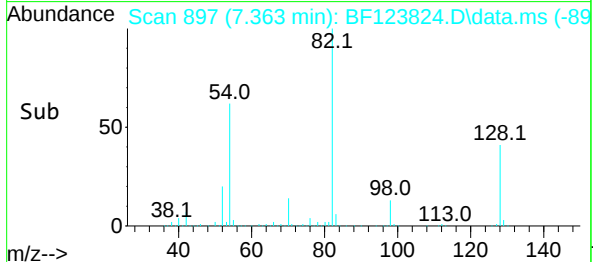
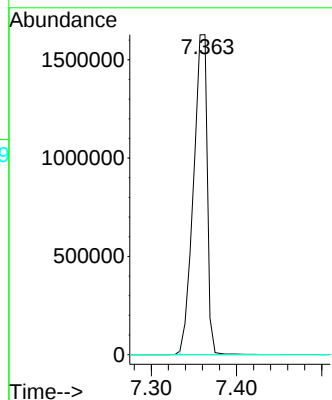
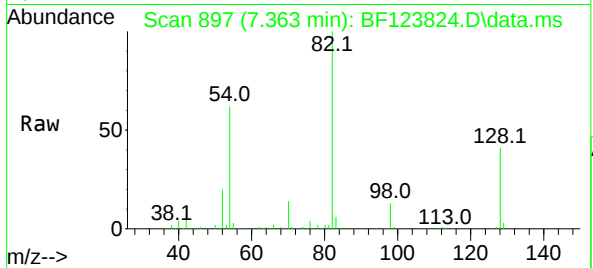




#25
Isophorone
Concen: 43.03 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.259 min
Lab File: BF123824.D
Acq: 5 May 2021 13:12

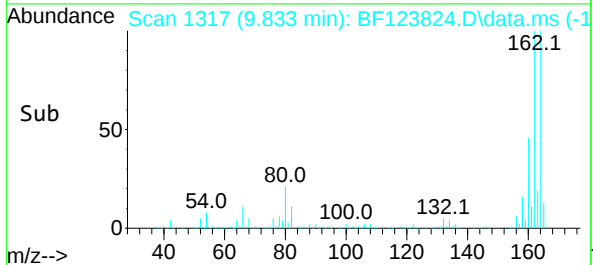
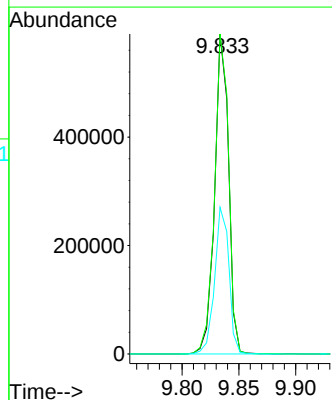
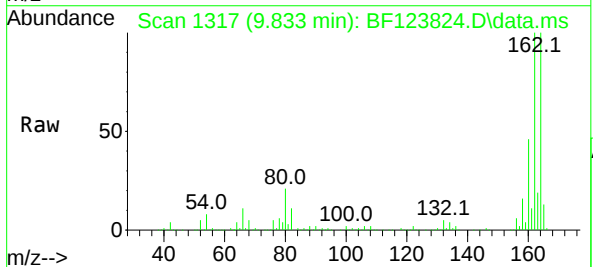
Instrument :
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ClientSampleId :
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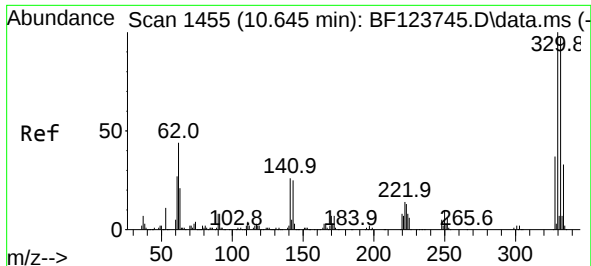
Tgt Ion: 82 Resp: 1818141
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF123824.D
Acq: 5 May 2021 13:12

Tgt Ion:164 Resp: 502944
Ion Ratio Lower Upper
164 100
162 100.1 80.7 121.1
160 45.8 37.3 55.9

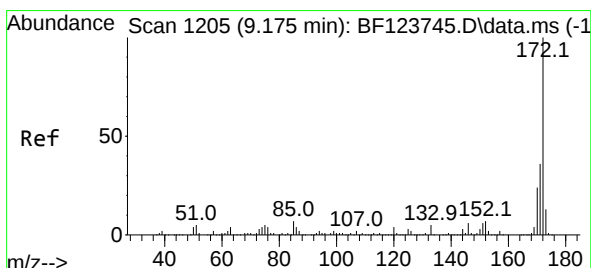
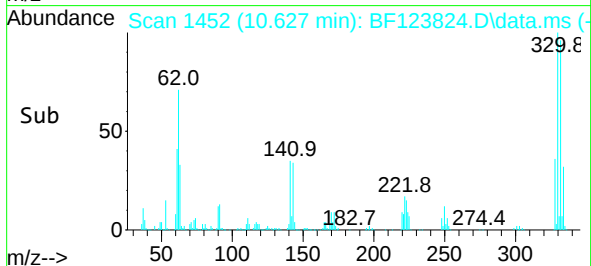
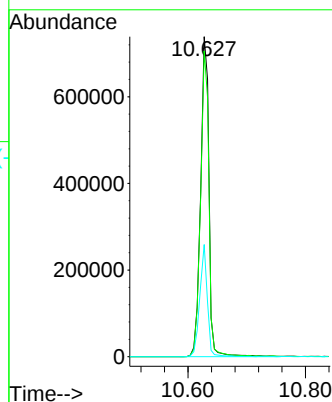
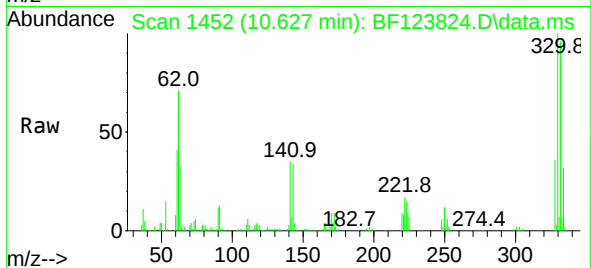




#42
2,4,6-Tribromophenol
Concen: 116.18 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF123824.D
Acq: 5 May 2021 13:12

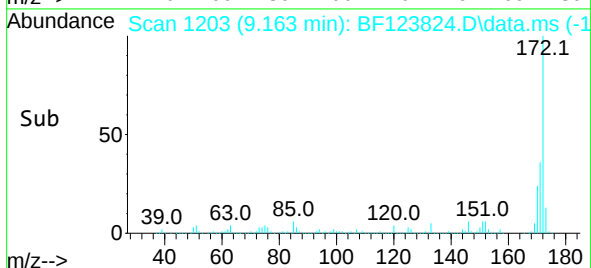
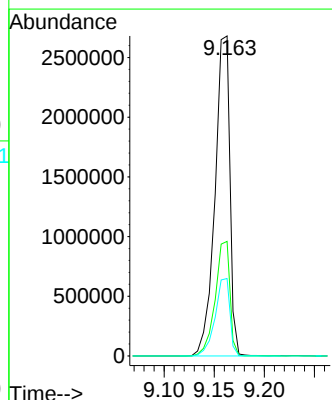
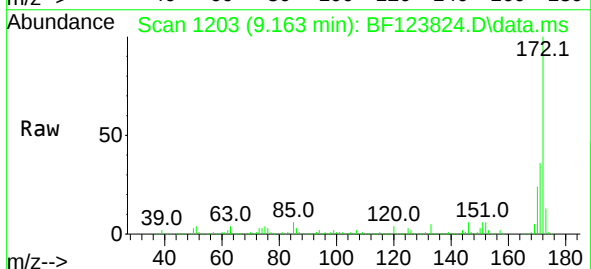
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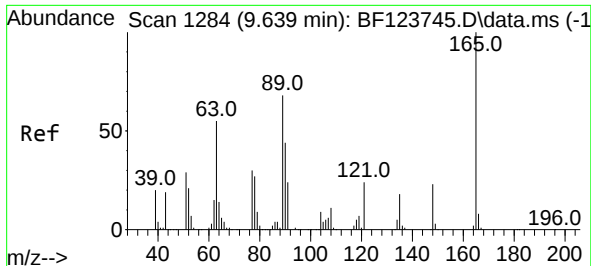
Tgt Ion:330 Resp: 727432
Ion Ratio Lower Upper
330 100
332 95.4 77.1 115.7
141 31.9 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 80.42 ng
RT: 9.163 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BF123824.D
Acq: 5 May 2021 13:12

Tgt Ion:172 Resp: 2777244
Ion Ratio Lower Upper
172 100
171 35.8 28.1 42.1
170 24.2 19.2 28.8

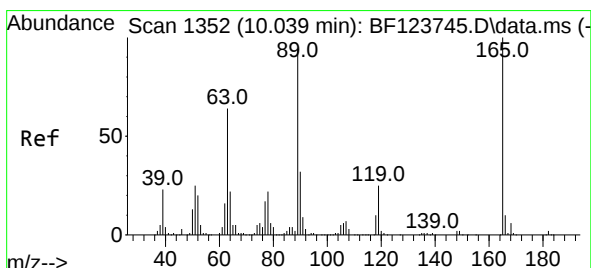
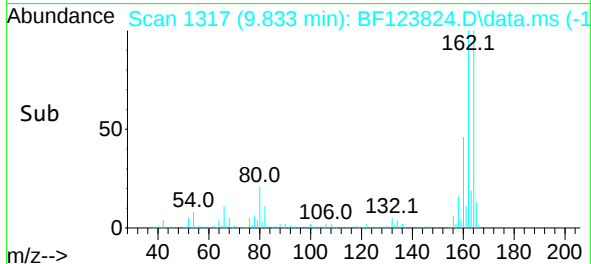
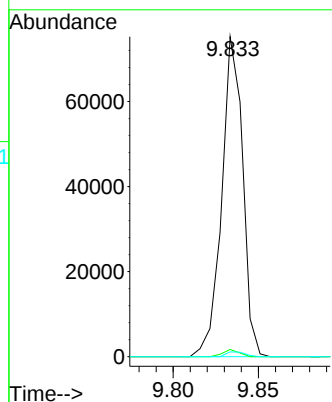
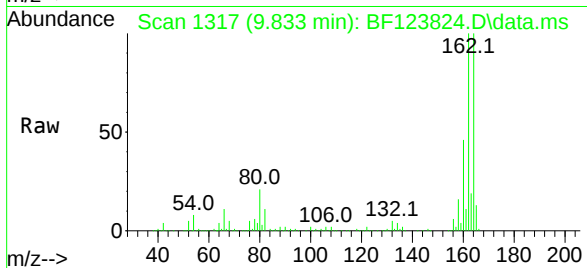




#51
2,6-Dinitrotoluene
Concen: 7.86 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.206 min
Lab File: BF123824.D
Acq: 5 May 2021 13:12

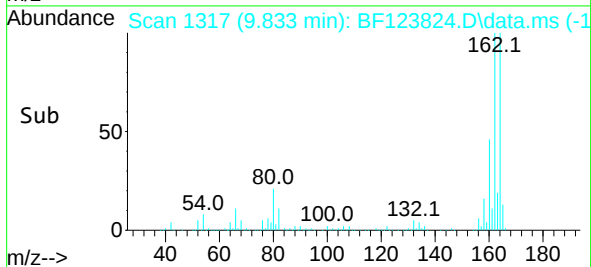
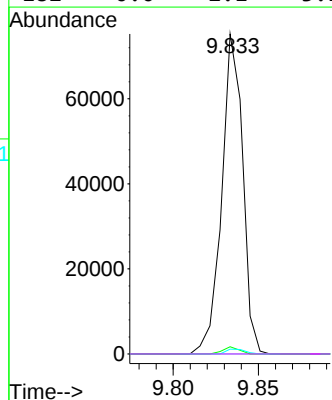
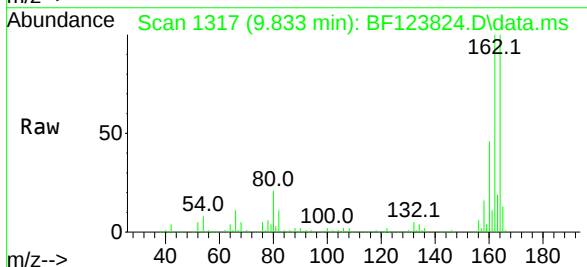
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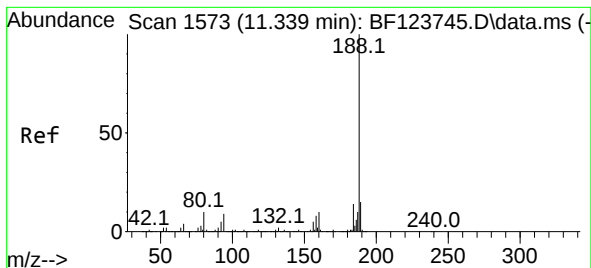
Tgt Ion:165 Resp: 64365
Ion Ratio Lower Upper
165 100
63 2.3 67.7 101.5#
89 1.5 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 5.76 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.200 min
Lab File: BF123824.D
Acq: 5 May 2021 13:12

Tgt Ion:165 Resp: 64365
Ion Ratio Lower Upper
165 100
63 2.3 43.5 65.3#
89 1.5 67.7 101.5#
182 0.0 2.1 3.1#

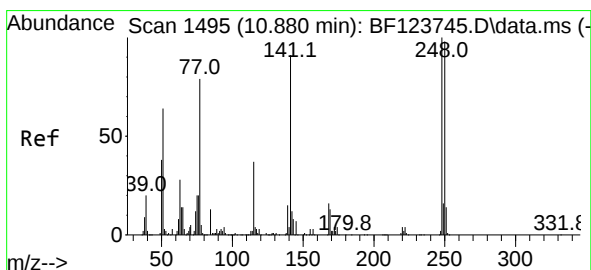
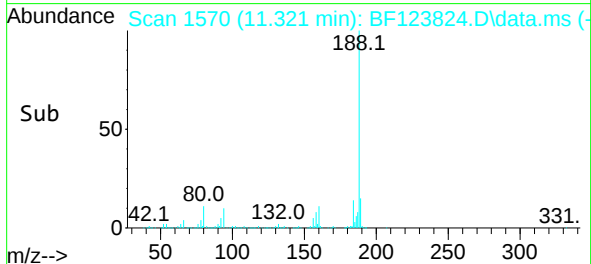
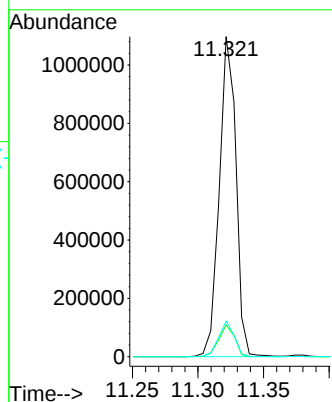
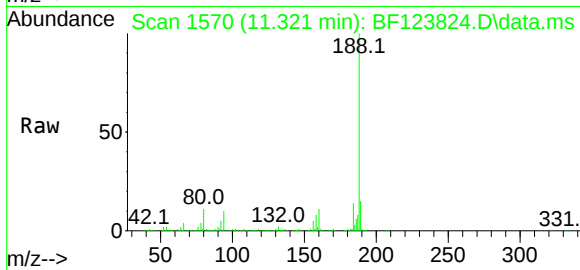




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.321 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF123824.D
Acq: 5 May 2021 13:12

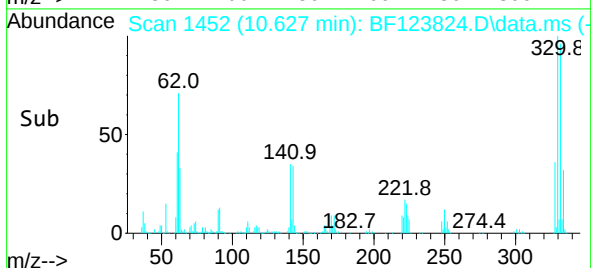
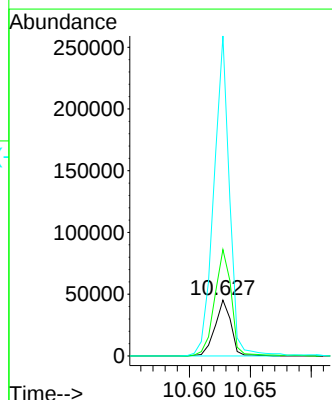
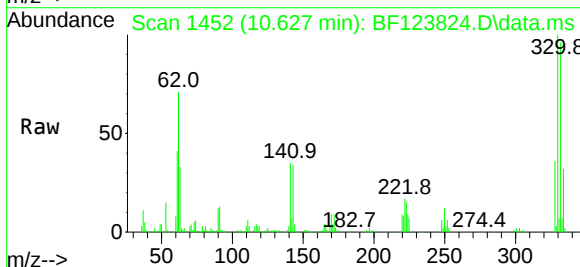
Instrument :
BNA_F
ClientSampleId :
PB136166BL

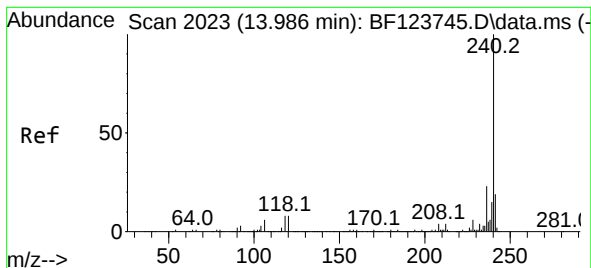
Tgt Ion:188 Resp: 968111
Ion Ratio Lower Upper
188 100
94 9.9 6.9 10.3
80 11.1 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 4.05 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.247 min
Lab File: BF123824.D
Acq: 5 May 2021 13:12

Tgt Ion:248 Resp: 41293
Ion Ratio Lower Upper
248 100
250 190.8 77.4 116.2#
141 573.6 63.7 95.5#

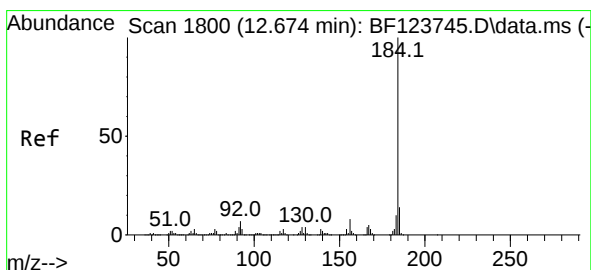
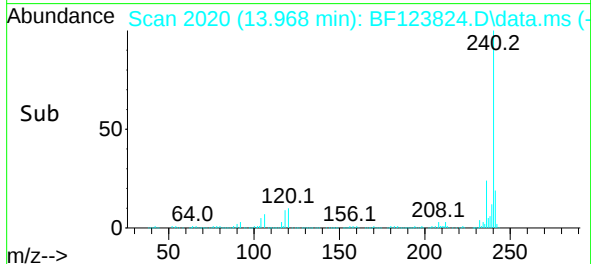
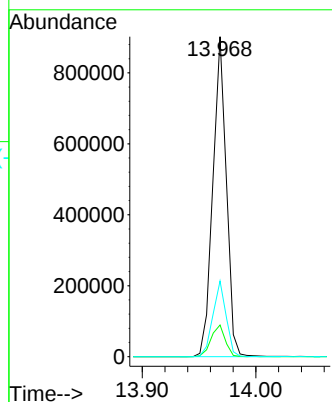
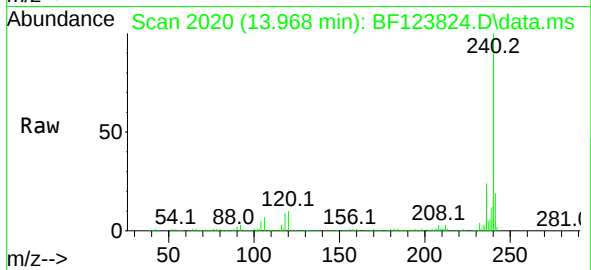




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF123824.D
Acq: 5 May 2021 13:12

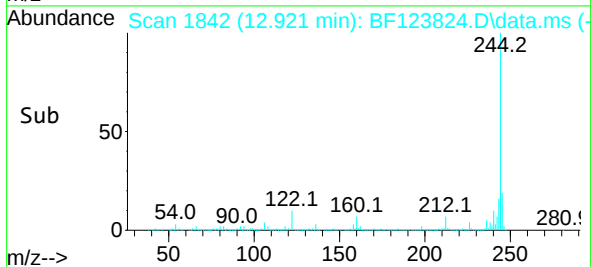
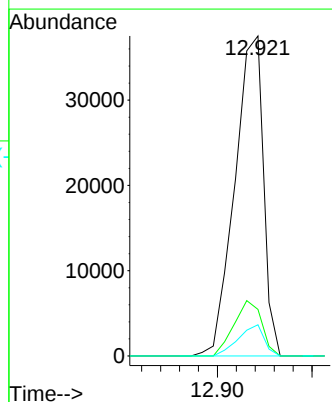
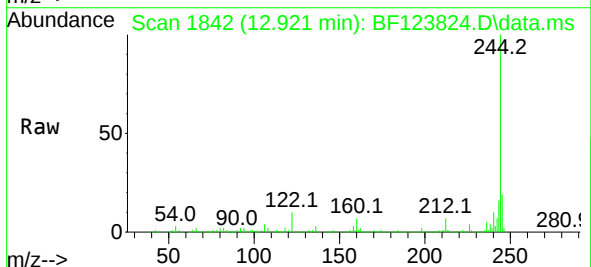
Instrument :
BNA_F
ClientSampleId :
PB136166BL

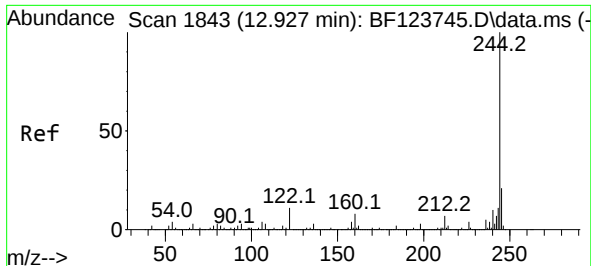
Tgt Ion:240 Resp: 743212
Ion Ratio Lower Upper
240 100
120 9.9 7.2 10.8
236 23.7 19.0 28.4



#77
Benzidine
Concen: 2.05 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.259 min
Lab File: BF123824.D
Acq: 5 May 2021 13:12

Tgt Ion:184 Resp: 39431
Ion Ratio Lower Upper
184 100
185 14.6 12.1 18.1
183 9.7 7.8 11.8

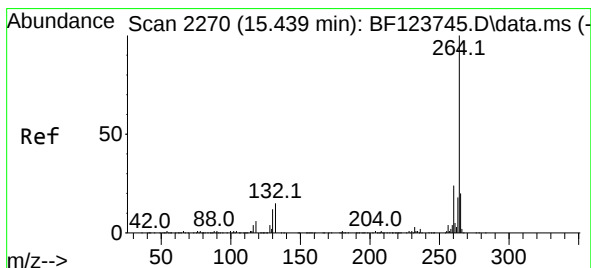
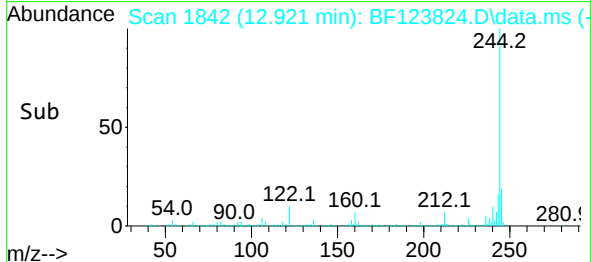
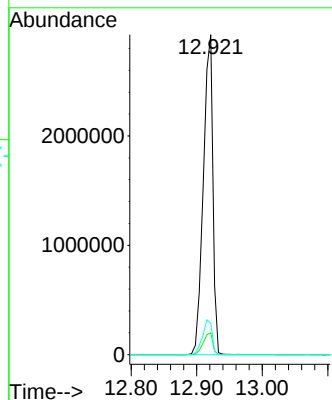
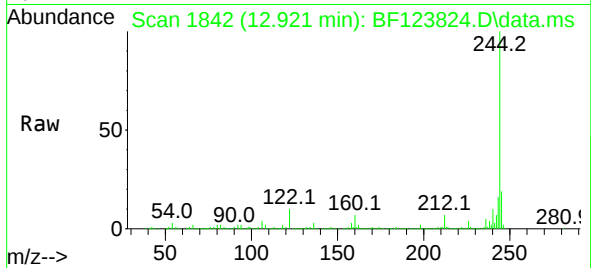




#79
 Terphenyl-d14
 Concen: 76.81 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. 0.006 min
 Lab File: BF123824.D
 Acq: 5 May 2021 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB136166BL

Tgt Ion:244 Resp: 2964509
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 9.8 9.7 14.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.427 min Scan# 2268
 Delta R.T. -0.000 min
 Lab File: BF123824.D
 Acq: 5 May 2021 13:12

Tgt Ion:264 Resp: 641198
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.7 28.1
 265 20.8 17.8 26.8

