

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042821\
 Data File : BF123753.D
 Acq On : 28 Apr 2021 9:50
 Operator : JU/CG
 Sample : PB136013BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB136013BL

Quant Time: Apr 28 11:17:31 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 27 16:30:39 2021
 Response via : Initial Calibration

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

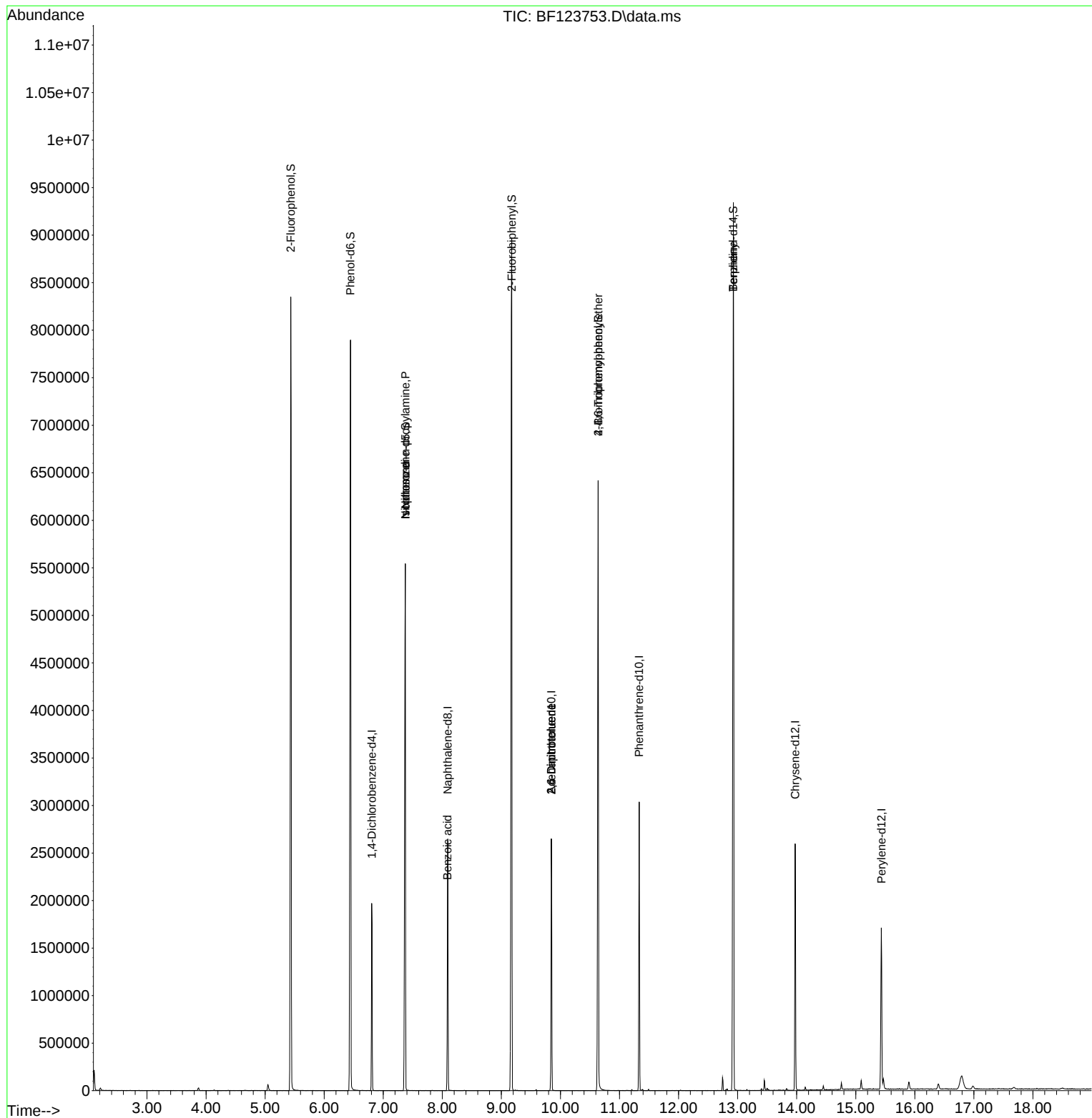
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	266728	20.00	ng	0.00
21) Naphthalene-d8	8.092	136	1017019	20.00	ng	0.00
39) Acenaphthene-d10	9.845	164	503206	20.00	ng	0.00
64) Phenanthrene-d10	11.333	188	999895	20.00	ng	0.00
76) Chrysene-d12	13.974	240	880866	20.00	ng	-0.01
86) Perylene-d12	15.433	264	764485	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	2068383	122.85	ng	0.01
7) Phenol-d6	6.445	99	2650177	114.27	ng	0.00
23) Nitrobenzene-d5	7.375	82	1893900	84.06	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	755622	120.62	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	2858756	82.73	ng	0.00
79) Terphenyl-d14	12.927	244	3462688	75.70	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.375	70	260090	18.16	ng	Qvalue # 74
25) Isophorone	7.375	82	1893880	44.83	ng	# 69
32) Benzoic acid	8.086	122	124	5.40	ng	# 1
51) 2,6-Dinitrotoluene	9.845	165	64787	7.91	ng	# 11
57) 2,4-Dinitrotoluene	9.845	165	64787	5.80	ng	# 17
67) 4-Bromophenyl-phenylether	10.639	248	44213	4.20	ng	# 1
77) Benzidine	12.927	184	49998	2.19	ng	94

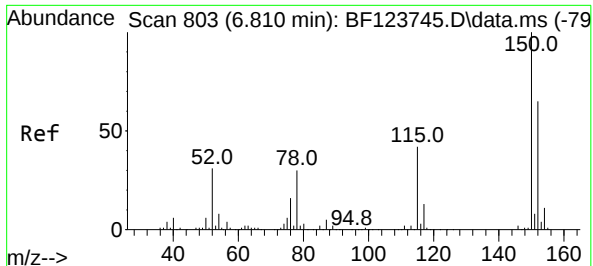
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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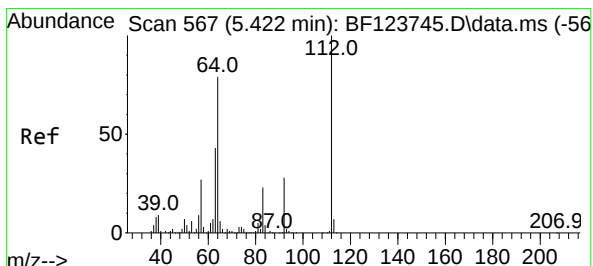
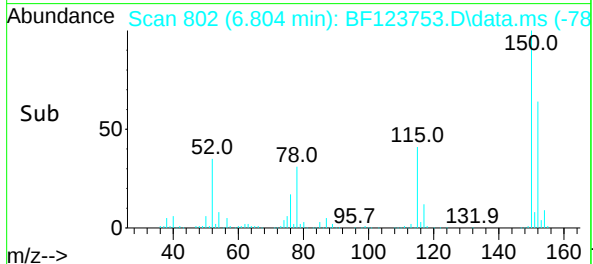
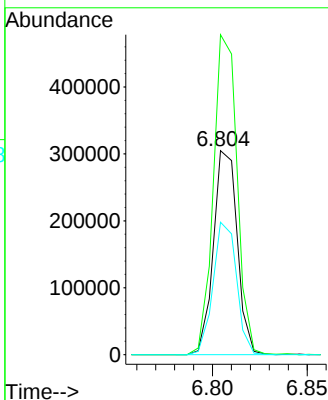
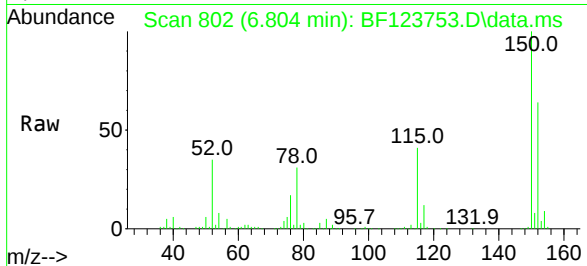




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.804 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF123753.D
Acq: 28 Apr 2021 9:50

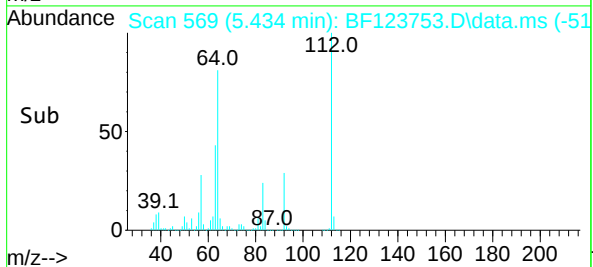
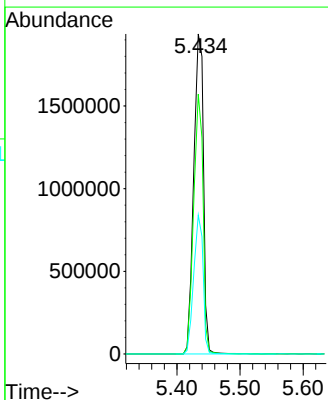
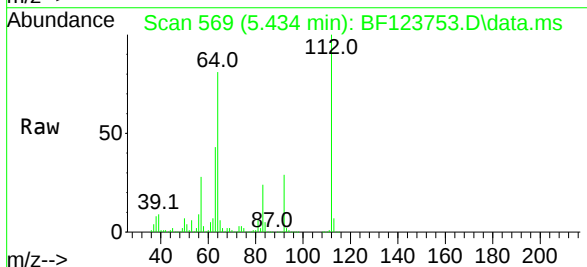
Instrument :
BNA_F
ClientSampleId :
PB136013BL

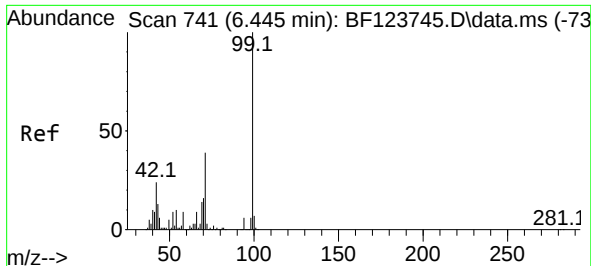
Tgt Ion:152 Resp: 266728
Ion Ratio Lower Upper
152 100
150 156.9 127.0 190.6
115 65.0 54.3 81.5



#5
2-Fluorophenol
Concen: 122.85 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.012 min
Lab File: BF123753.D
Acq: 28 Apr 2021 9:50

Tgt Ion:112 Resp: 2068383
Ion Ratio Lower Upper
112 100
64 81.2 61.4 92.0
63 43.4 33.0 49.4

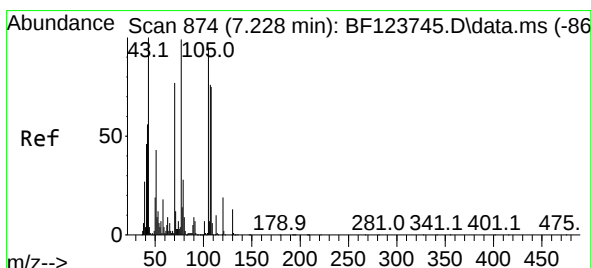
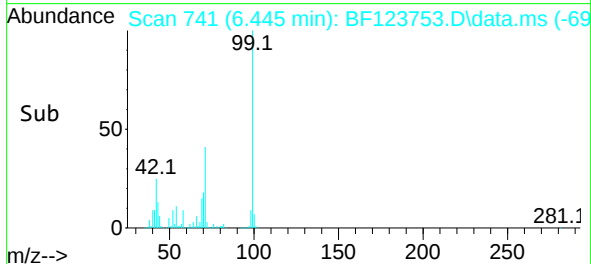
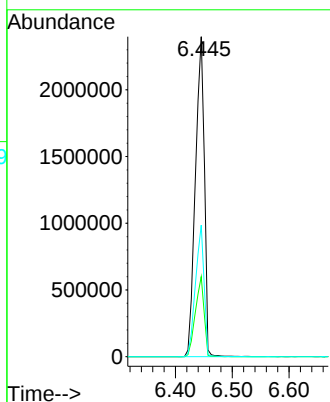
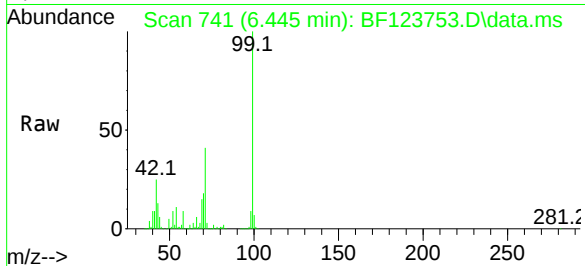




#7
Phenol-d6
Concen: 114.27 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF123753.D
Acq: 28 Apr 2021 9:50

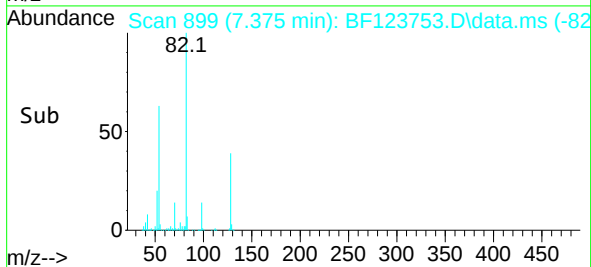
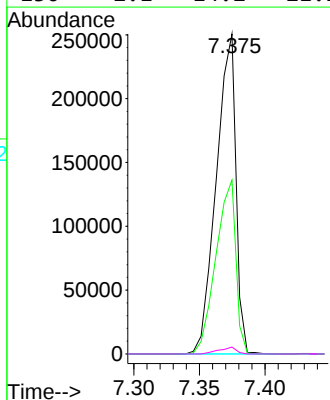
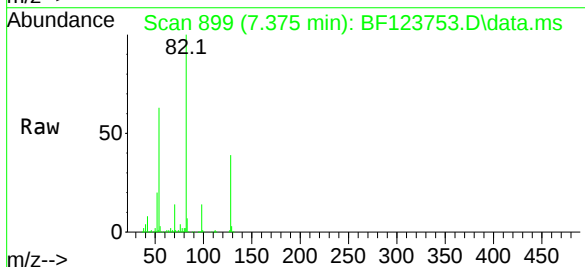
Instrument :
BNA_F
ClientSampleId :
PB136013BL

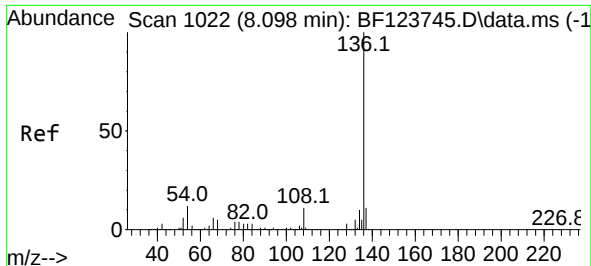
Tgt Ion: 99 Resp: 2650177
Ion Ratio Lower Upper
99 100
42 25.0 19.8 29.8
71 41.1 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.16 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.147 min
Lab File: BF123753.D
Acq: 28 Apr 2021 9:50

Tgt Ion: 70 Resp: 260090
Ion Ratio Lower Upper
70 100
42 54.4 60.1 90.1#
101 0.0 7.4 11.2#
130 2.1 14.2 21.2#



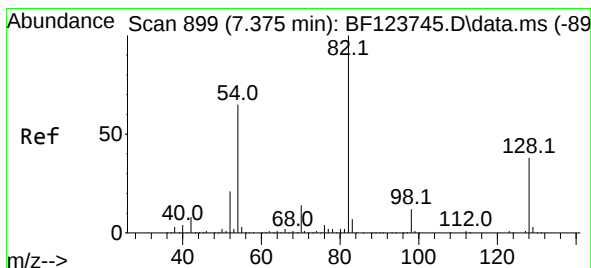
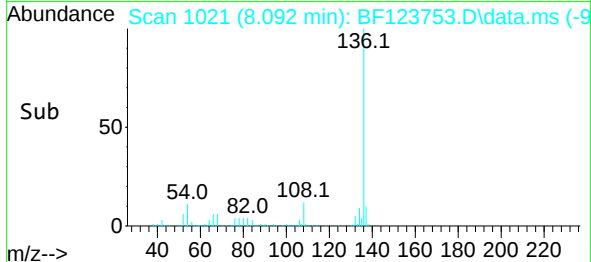
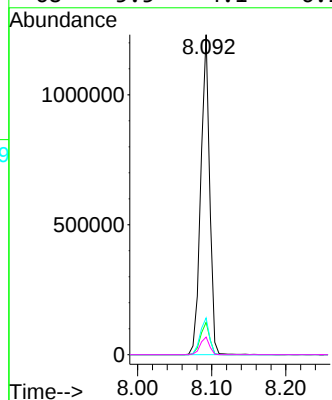
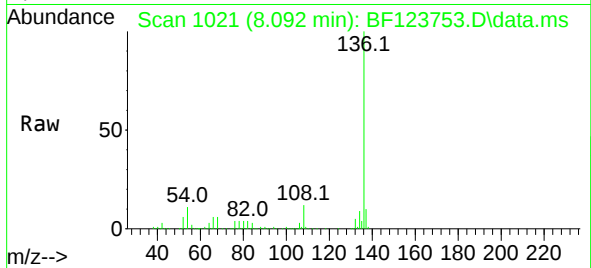


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF123753.D
Acq: 28 Apr 2021 9:50

Instrument :
BNA_F
ClientSampleId :
PB136013BL

Tgt Ion:136 Resp: 1017019

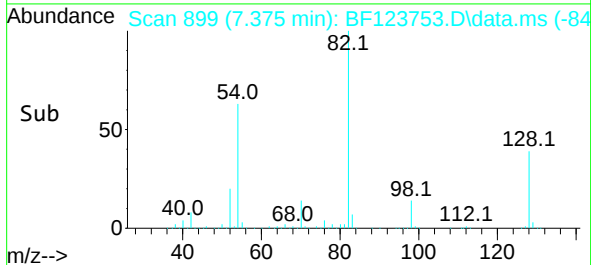
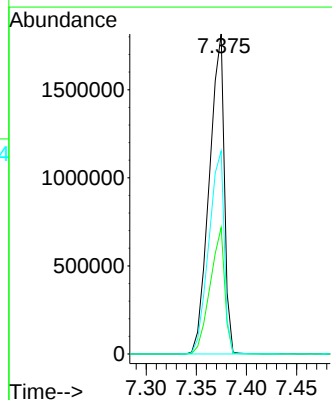
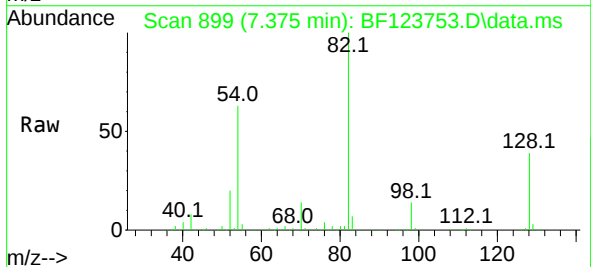
Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.7	13.1
54	11.5	9.8	14.6
68	5.5	4.1	6.1

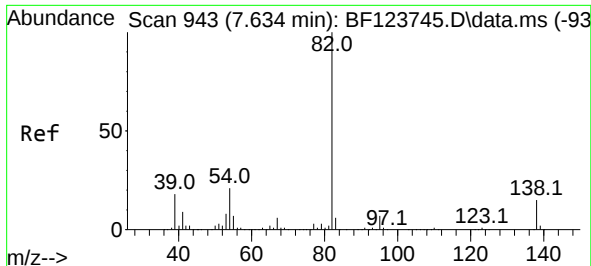


#23
Nitrobenzene-d5
Concen: 84.06 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF123753.D
Acq: 28 Apr 2021 9:50

Tgt Ion: 82 Resp: 1893900

Ion	Ratio	Lower	Upper
82	100		
128	39.5	29.4	44.2
54	63.4	54.1	81.1

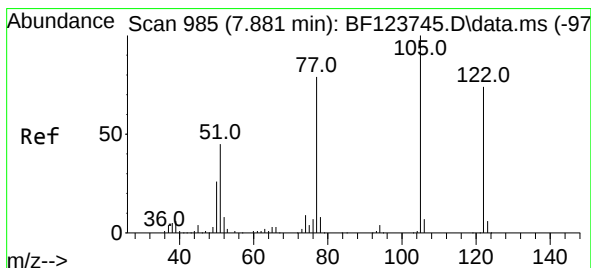
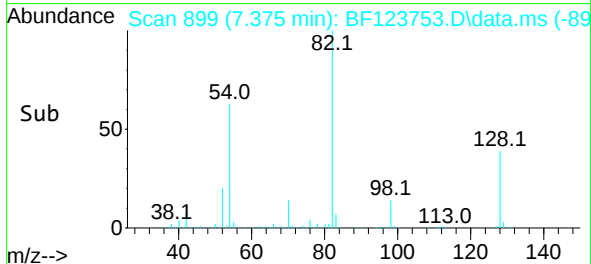
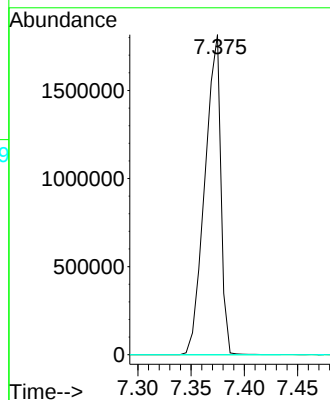
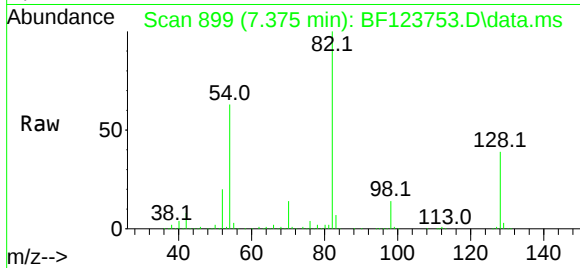




#25
Isophorone
Concen: 44.83 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.259 min
Lab File: BF123753.D
Acq: 28 Apr 2021 9:50

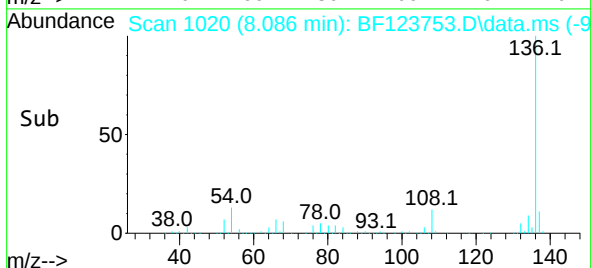
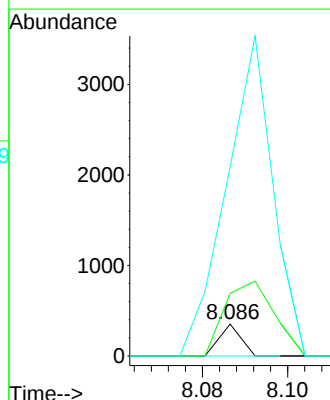
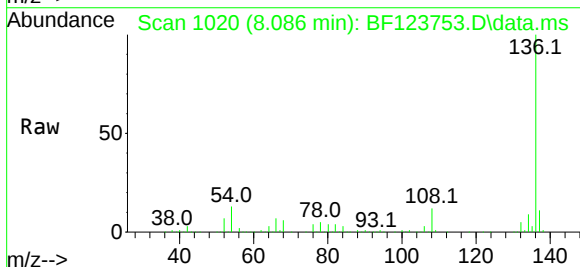
Instrument :
BNA_F
ClientSampleId :
PB136013BL

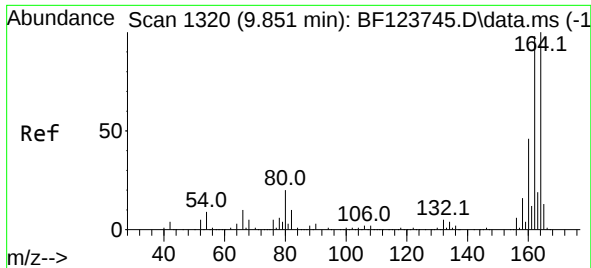
Tgt Ion: 82 Resp: 1893880
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 5.40 ng
RT: 8.086 min Scan# 1020
Delta R.T. 0.205 min
Lab File: BF123753.D
Acq: 28 Apr 2021 9:50

Tgt Ion:122 Resp: 124
Ion Ratio Lower Upper
122 100
105 197.2 107.8 147.8#
77 595.4 81.6 121.6#

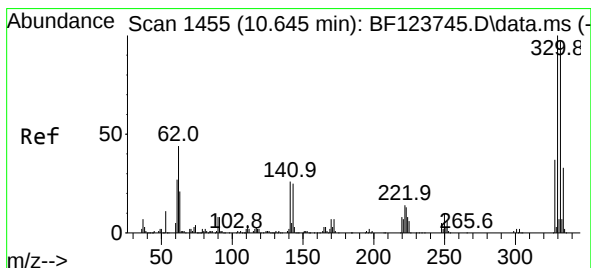
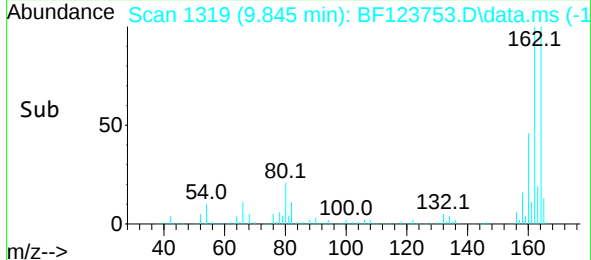
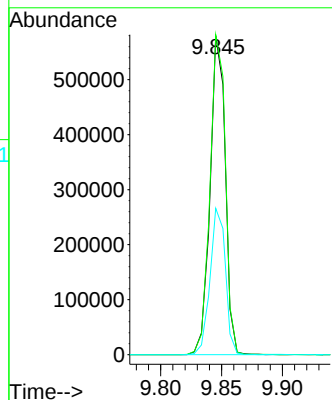
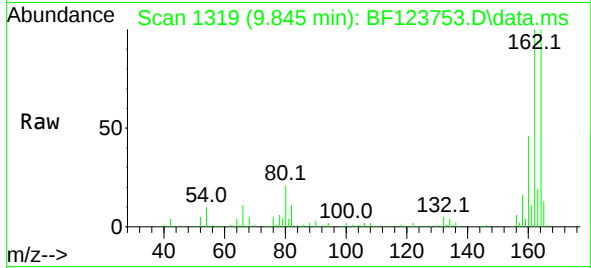




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF123753.D
Acq: 28 Apr 2021 9:50

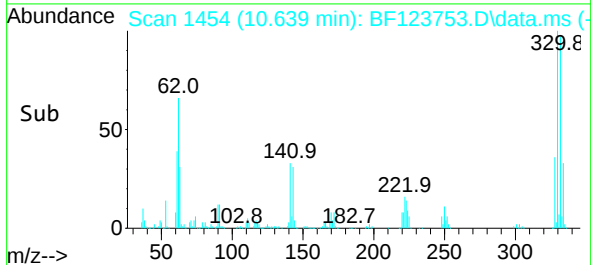
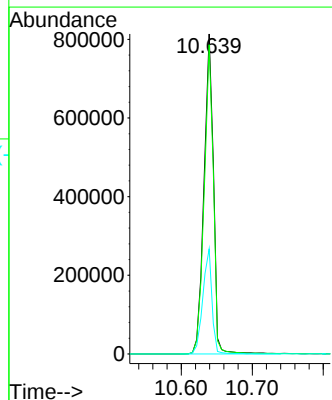
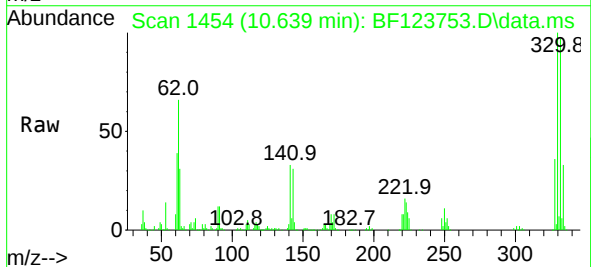
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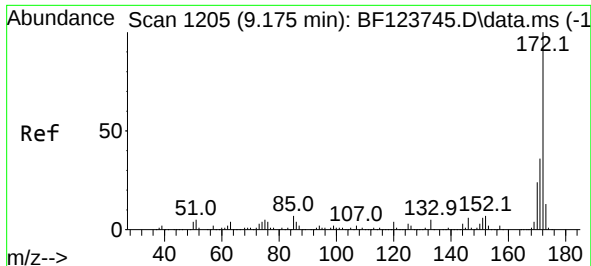
Tgt Ion:164 Resp: 503206
Ion Ratio Lower Upper
164 100
162 100.4 80.7 121.1
160 45.9 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 120.62 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF123753.D
Acq: 28 Apr 2021 9:50

Tgt Ion:330 Resp: 755622
Ion Ratio Lower Upper
330 100
332 94.4 77.1 115.7
141 31.9 27.9 41.9

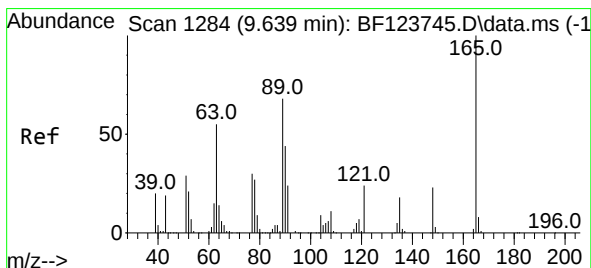
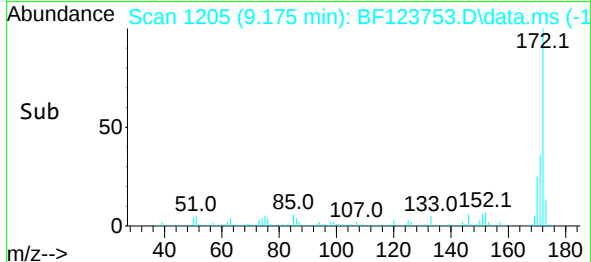
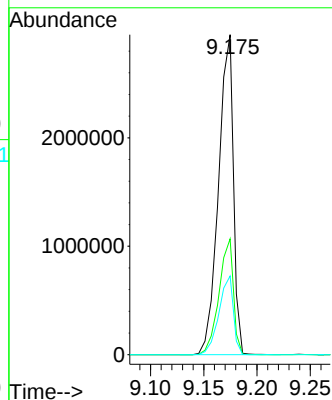
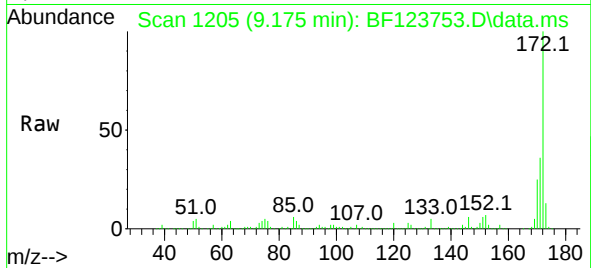




#45
2-Fluorobiphenyl
Concen: 82.73 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.000 min
Lab File: BF123753.D
Acq: 28 Apr 2021 9:50

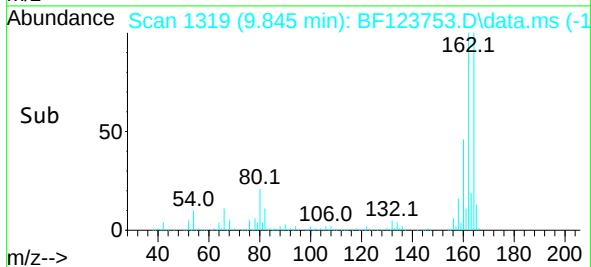
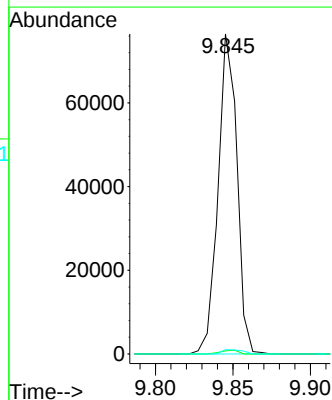
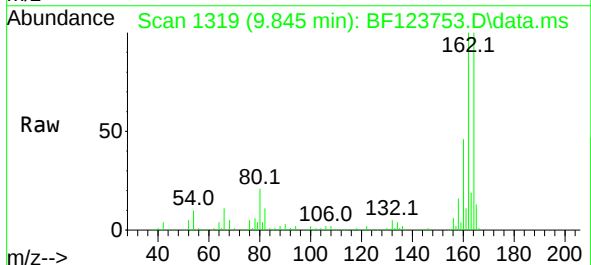
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PB136013BL

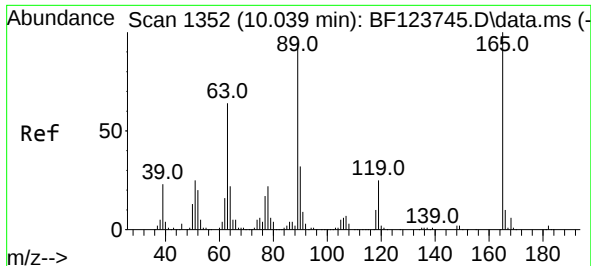
Tgt Ion:172 Resp: 2858756
Ion Ratio Lower Upper
172 100
171 36.2 28.1 42.1
170 24.6 19.2 28.8



#51
2,6-Dinitrotoluene
Concen: 7.91 ng
RT: 9.845 min Scan# 1319
Delta R.T. 0.206 min
Lab File: BF123753.D
Acq: 28 Apr 2021 9:50

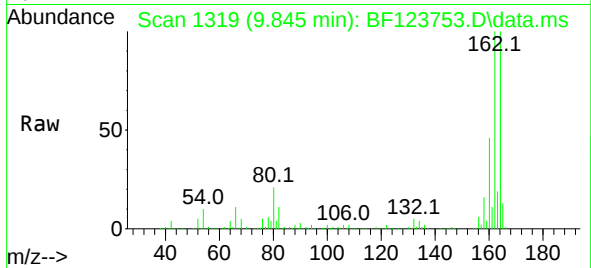
Tgt Ion:165 Resp: 64787
Ion Ratio Lower Upper
165 100
63 0.9 67.7 101.5#
89 1.4 58.8 88.2#



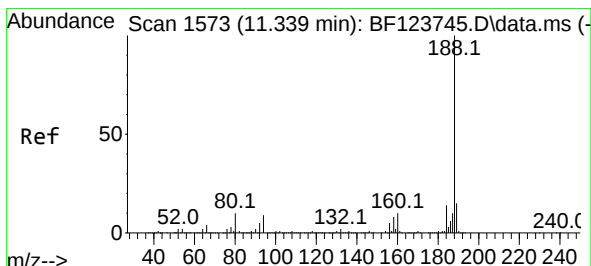
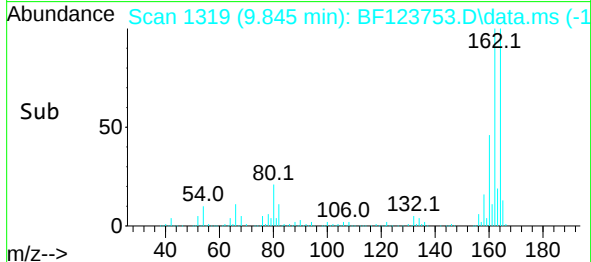
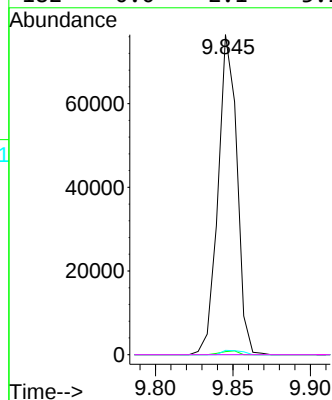


#57
2,4-Dinitrotoluene
Concen: 5.80 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.194 min
Lab File: BF123753.D
Acq: 28 Apr 2021 9:50

Instrument :
BNA_F
ClientSampleId :
PB136013BL

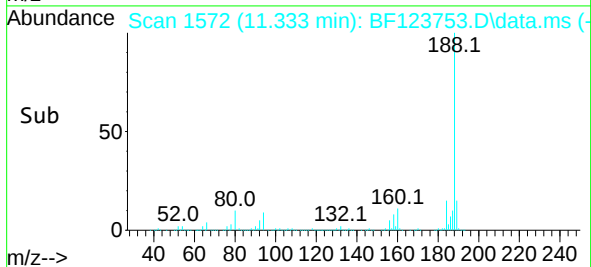
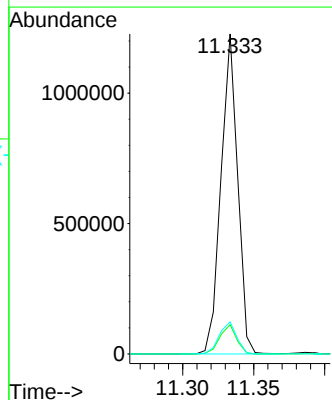
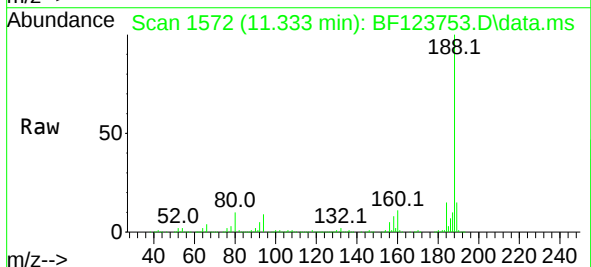


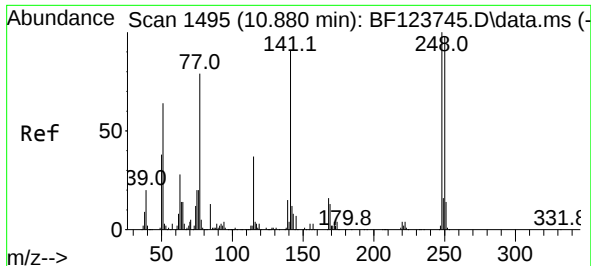
Tgt Ion:165 Resp: 64787
Ion Ratio Lower Upper
165 100
63 0.9 43.5 65.3#
89 1.4 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF123753.D
Acq: 28 Apr 2021 9:50

Tgt Ion:188 Resp: 999895
Ion Ratio Lower Upper
188 100
94 9.1 6.9 10.3
80 10.1 8.2 12.2

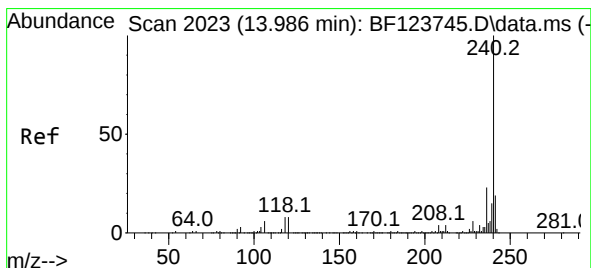
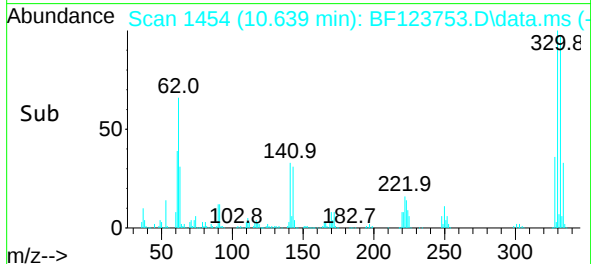
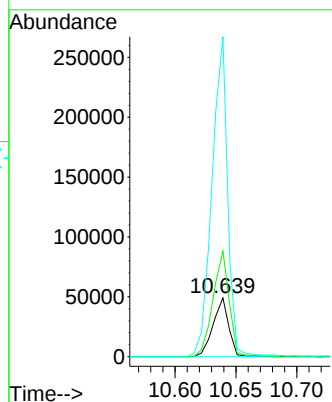
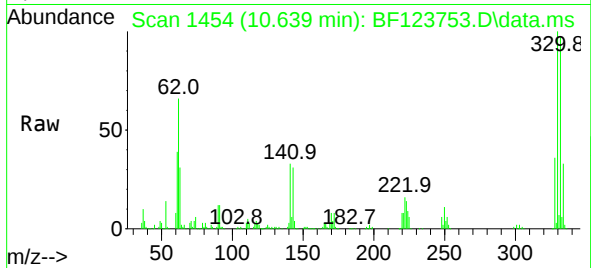




#67
4-Bromophenyl-phenylether
Concen: 4.20 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.241 min
Lab File: BF123753.D
Acq: 28 Apr 2021 9:50

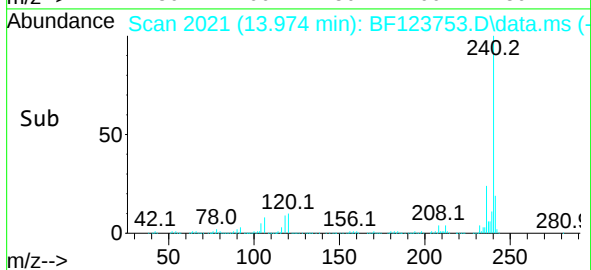
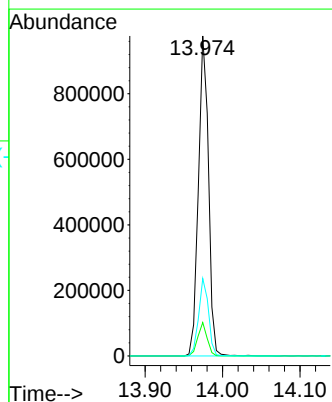
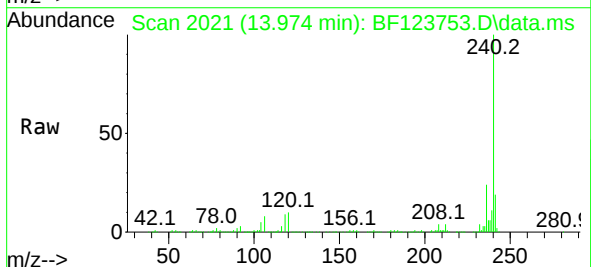
Instrument :
BNA_F
ClientSampled :
PB136013BL

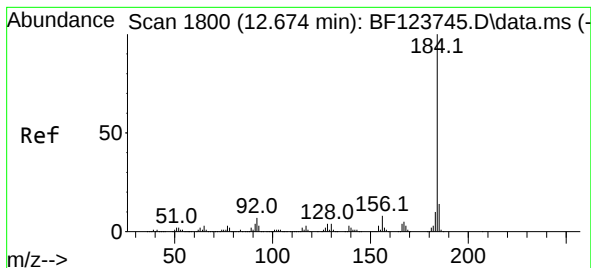
Tgt Ion:248 Resp: 44213
Ion Ratio Lower Upper
248 100
250 179.7 77.4 116.2#
141 544.5 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BF123753.D
Acq: 28 Apr 2021 9:50

Tgt Ion:240 Resp: 880866
Ion Ratio Lower Upper
240 100
120 10.4 7.2 10.8
236 24.2 19.0 28.4





#77

Benzidine

Concen: 2.19 ng

RT: 12.927 min Scan# 1843

Delta R.T. 0.253 min

Lab File: BF123753.D

Acq: 28 Apr 2021 9:50

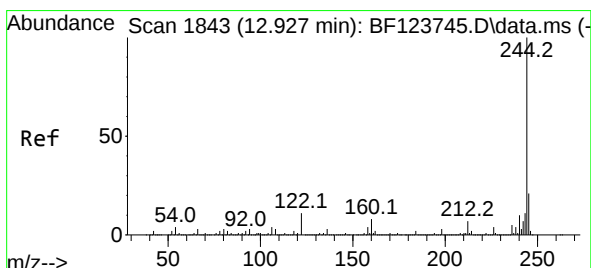
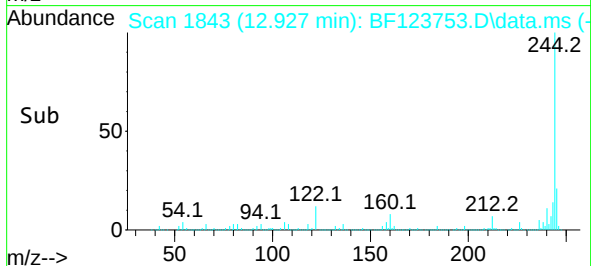
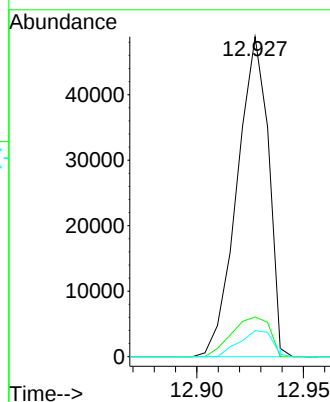
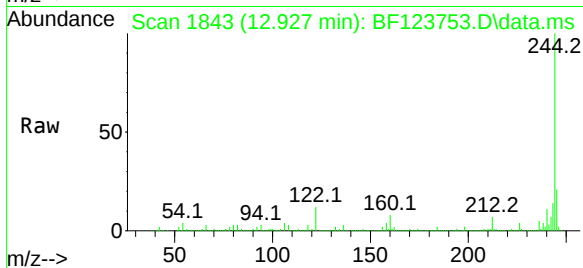
Tgt Ion:184 Resp: 49998

Ion Ratio Lower Upper

184 100

185 12.4 12.1 18.1

183 8.2 7.8 11.8



#79

Terphenyl-d14

Concen: 75.70 ng

RT: 12.927 min Scan# 1843

Delta R.T. -0.000 min

Lab File: BF123753.D

Acq: 28 Apr 2021 9:50

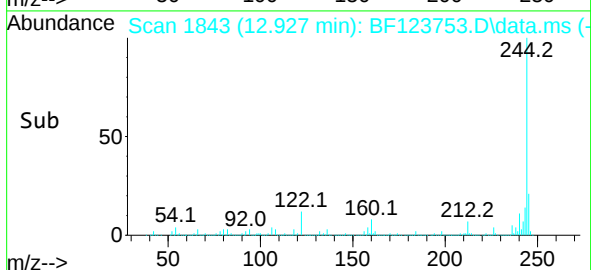
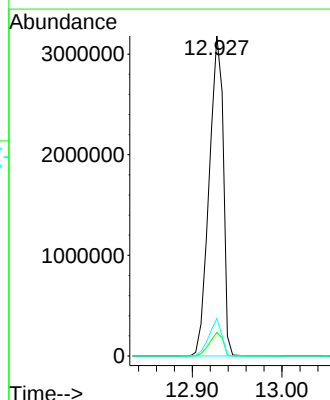
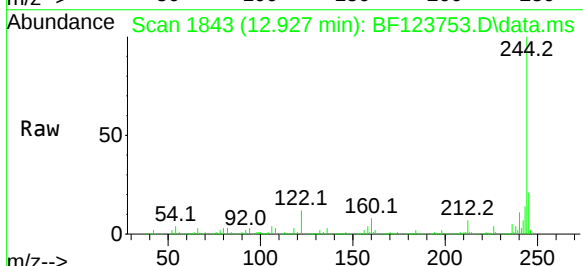
Tgt Ion:244 Resp: 3462688

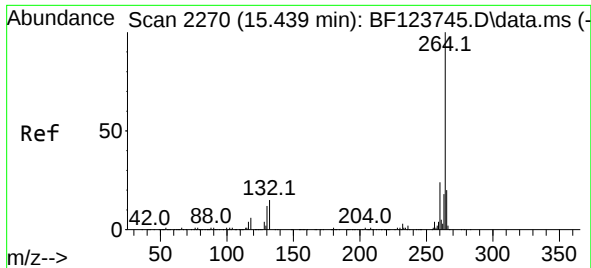
Ion Ratio Lower Upper

244 100

212 7.4 5.7 8.5

122 11.7 9.7 14.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.433 min Scan# 2269
 Delta R.T. -0.006 min
 Lab File: BF123753.D
 Acq: 28 Apr 2021 9:50

Instrument :
 BNA_F
 ClientSampleId :
 PB136013BL

Tgt Ion:264 Resp: 764485
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.7 28.1
 265 20.9 17.8 26.8

