

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042721\
 Data File : BF123750.D
 Acq On : 27 Apr 2021 16:59
 Operator : JU/CG
 Sample : PB136001BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB136001BL

Quant Time: Apr 27 17:22:10 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)

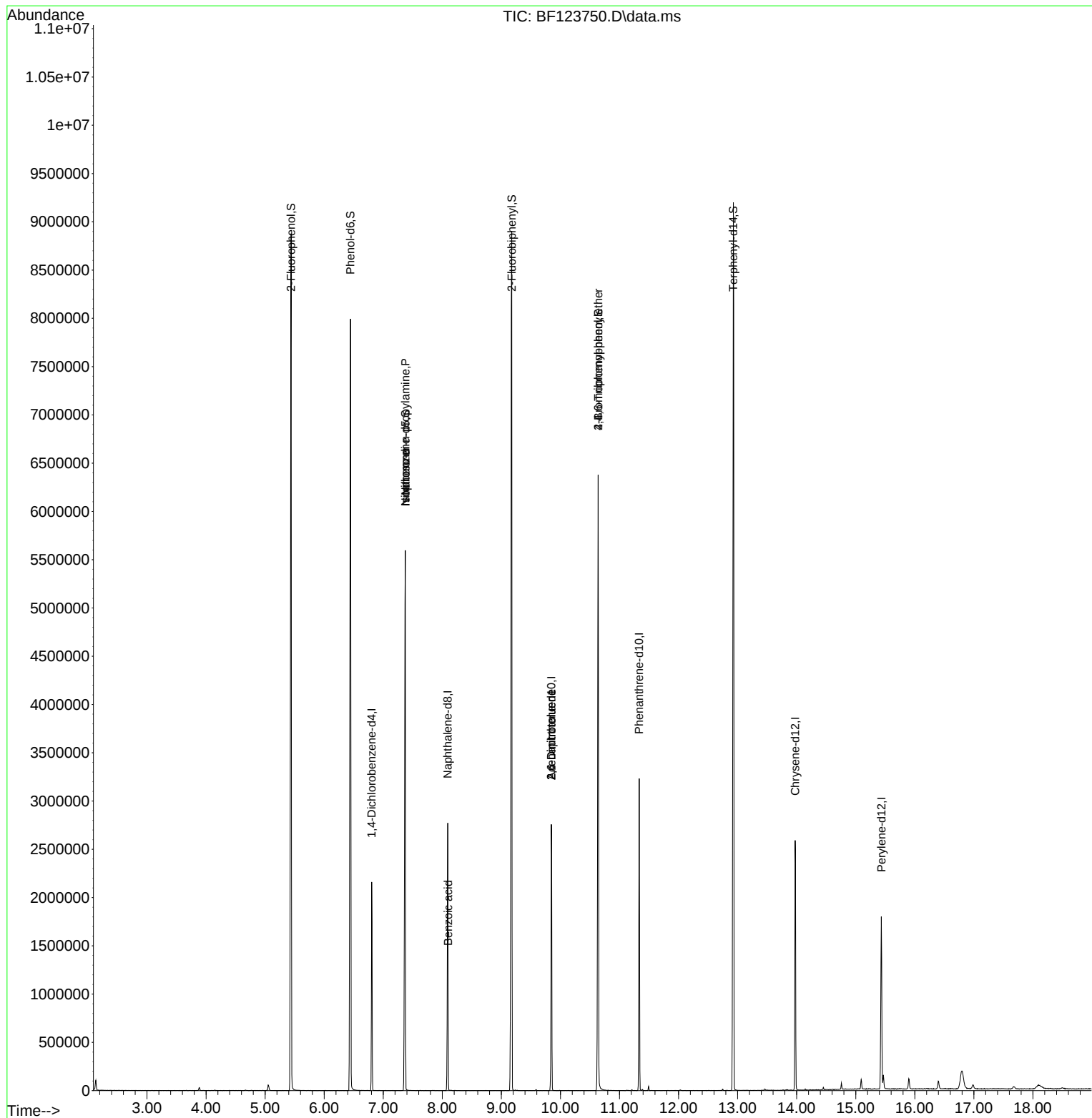
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	284135	20.00	ng	0.00
21) Naphthalene-d8	8.092	136	1093441	20.00	ng	# 0.00
39) Acenaphthene-d10	9.845	164	544206	20.00	ng	0.00
64) Phenanthrene-d10	11.333	188	1061149	20.00	ng	0.00
76) Chrysene-d12	13.974	240	930973	20.00	ng	-0.01
86) Perylene-d12	15.433	264	797722	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	2123884	118.42	ng	0.02
7) Phenol-d6	6.445	99	2755407	111.53	ng	0.00
23) Nitrobenzene-d5	7.375	82	1977988	81.66	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	774067	114.26	ng	0.00
45) 2-Fluorobiphenyl	9.174	172	2944850	78.80	ng	0.00
79) Terphenyl-d14	12.927	244	3414434	70.62	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.375	70	272529	17.86	ng	# 70
25) Isophorone	7.375	82	1973508	43.45	ng	# 69
32) Benzoic acid	8.098	122	325	5.42	ng	# 1
51) 2,6-Dinitrotoluene	9.845	165	68891	7.77	ng	# 11
57) 2,4-Dinitrotoluene	9.845	165	68891	5.70	ng	# 17
67) 4-Bromophenyl-phenylether	10.639	248	42961	3.84	ng	# 1

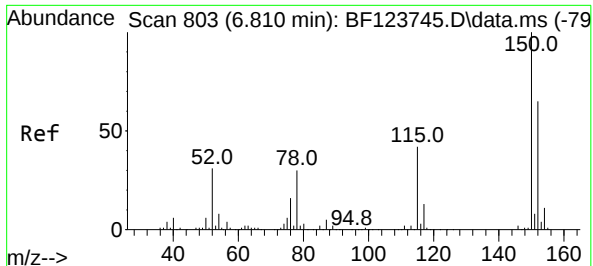
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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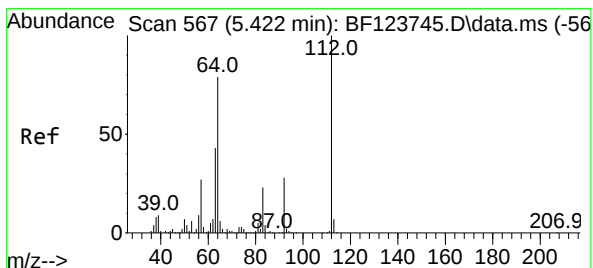
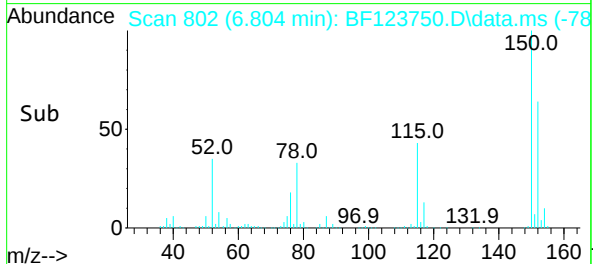
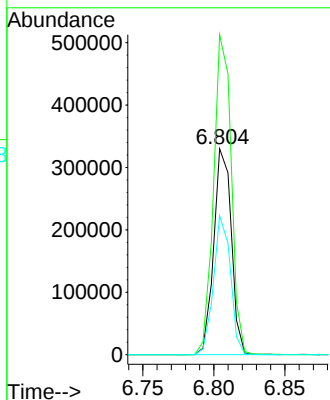
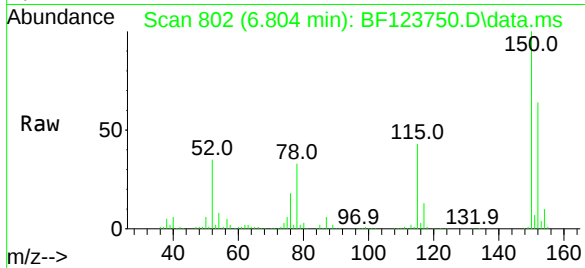




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.804 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF123750.D
Acq: 27 Apr 2021 16:59

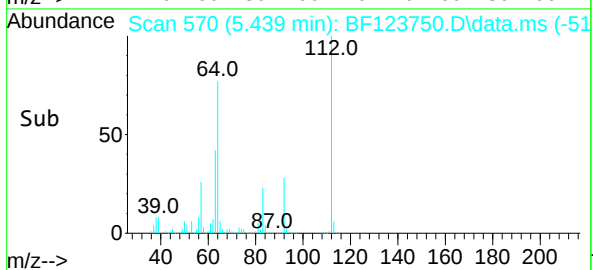
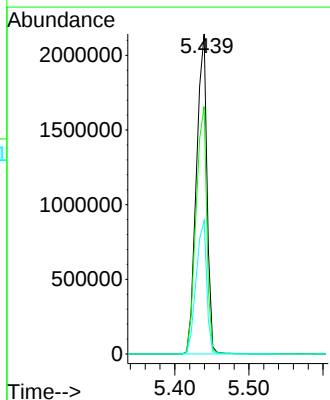
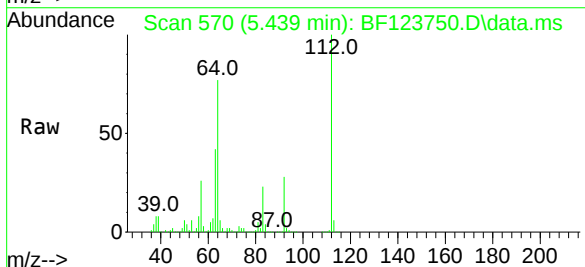
Instrument :
BNA_F
ClientSampleId :
PB136001BL

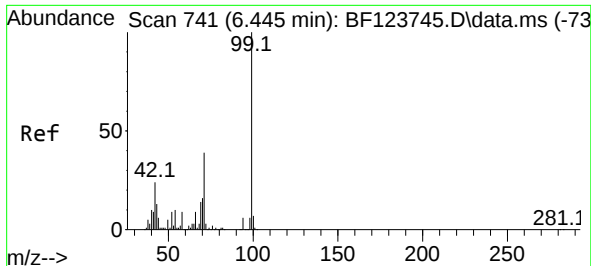
Tgt Ion:152 Resp: 284135
Ion Ratio Lower Upper
152 100
150 155.4 127.0 190.6
115 67.4 54.3 81.5



#5
2-Fluorophenol
Concen: 118.42 ng
RT: 5.439 min Scan# 570
Delta R.T. 0.017 min
Lab File: BF123750.D
Acq: 27 Apr 2021 16:59

Tgt Ion:112 Resp: 2123884
Ion Ratio Lower Upper
112 100
64 77.3 61.4 92.0
63 41.7 33.0 49.4

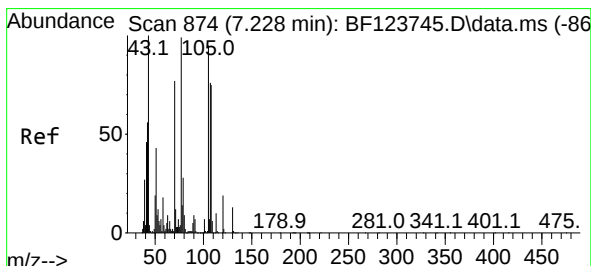
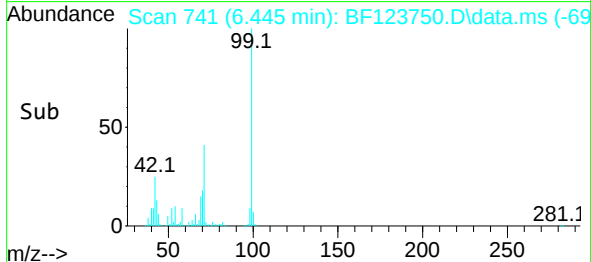
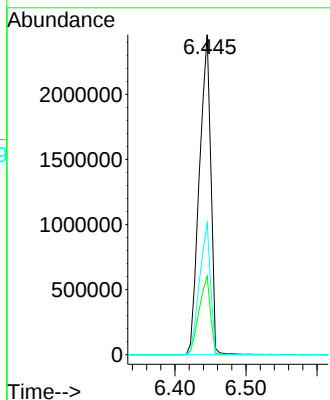
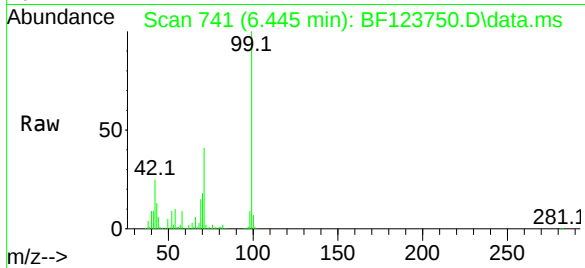




#7
Phenol-d6
Concen: 111.53 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF123750.D
Acq: 27 Apr 2021 16:59

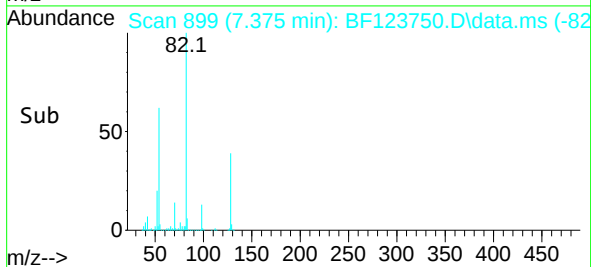
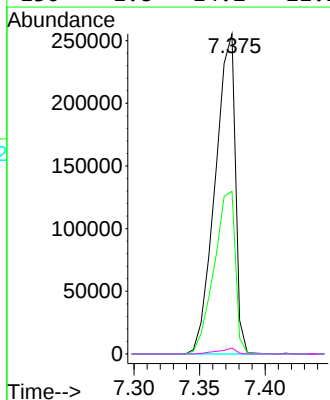
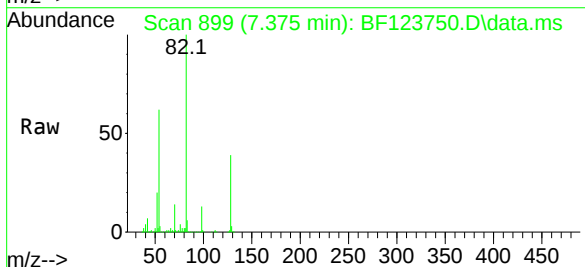
Instrument :
BNA_F
ClientSampleId :
PB136001BL

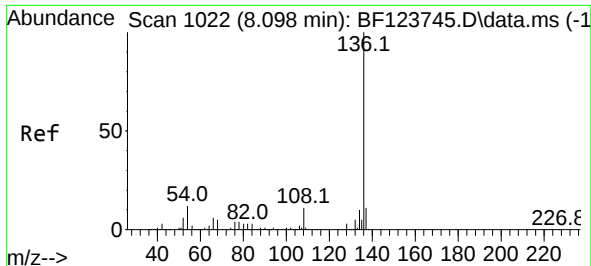
Tgt Ion: 99 Resp: 2755407
Ion Ratio Lower Upper
99 100
42 24.5 19.8 29.8
71 41.2 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.86 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.147 min
Lab File: BF123750.D
Acq: 27 Apr 2021 16:59

Tgt Ion: 70 Resp: 272529
Ion Ratio Lower Upper
70 100
42 50.8 60.1 90.1#
101 0.0 7.4 11.2#
130 1.8 14.2 21.2#

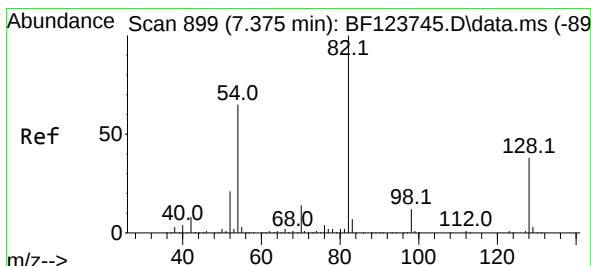
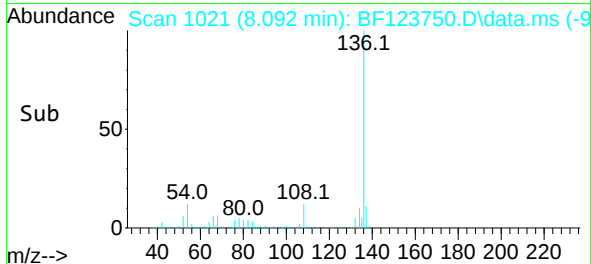
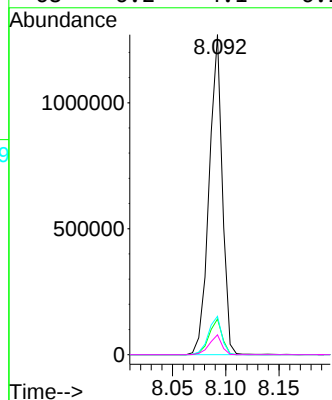
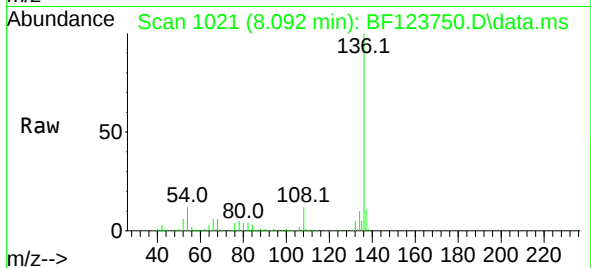




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF123750.D
Acq: 27 Apr 2021 16:59

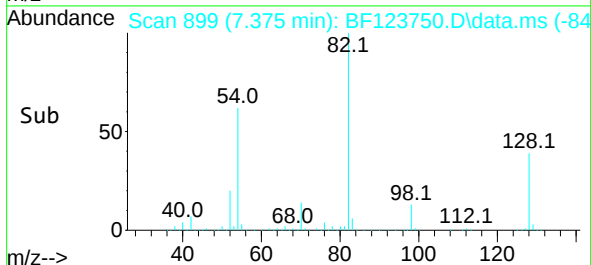
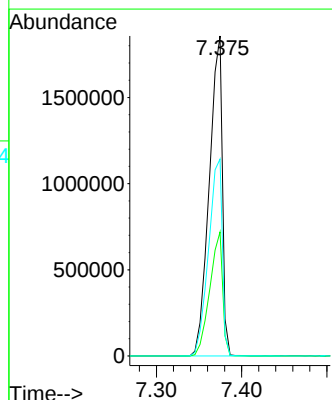
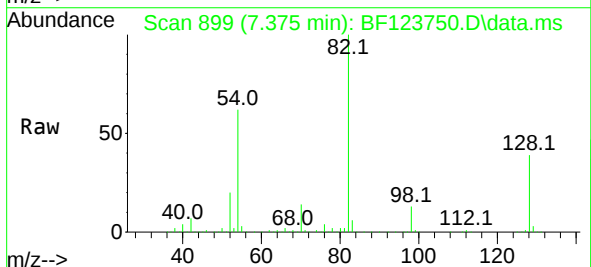
Instrument :
BNA_F
ClientSampleId :
PB136001BL

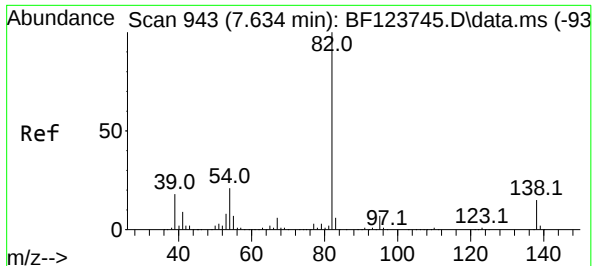
Tgt Ion:136 Resp: 1093441
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 12.0 9.8 14.6
68 6.2 4.1 6.1#



#23
Nitrobenzene-d5
Concen: 81.66 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF123750.D
Acq: 27 Apr 2021 16:59

Tgt Ion: 82 Resp: 1977988
Ion Ratio Lower Upper
82 100
128 38.7 29.4 44.2
54 61.6 54.1 81.1

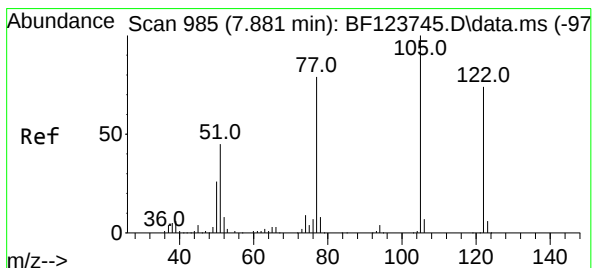
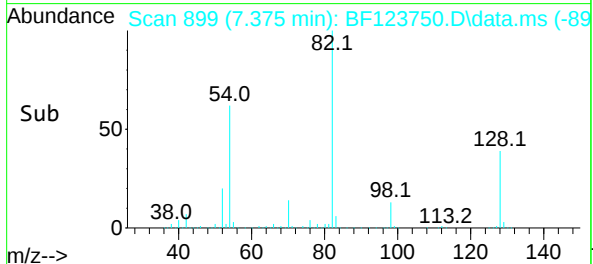
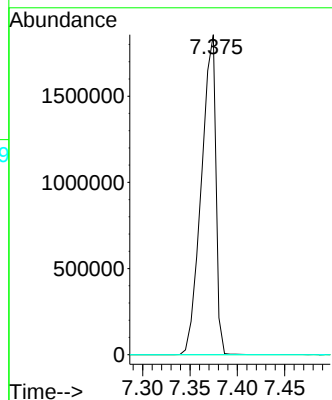
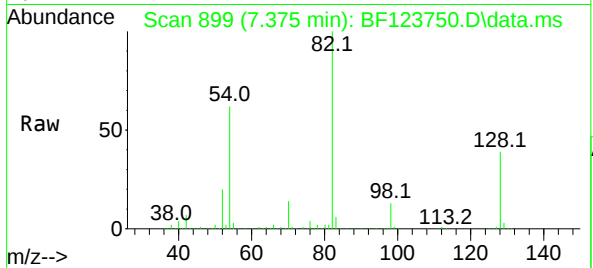




#25
Isophorone
Concen: 43.45 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.259 min
Lab File: BF123750.D
Acq: 27 Apr 2021 16:59

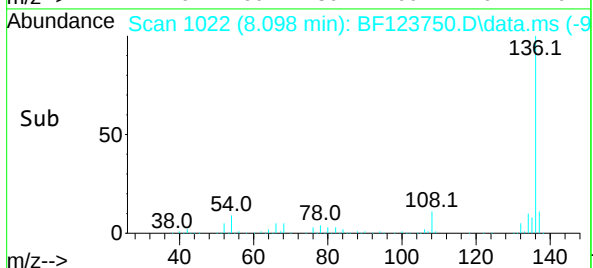
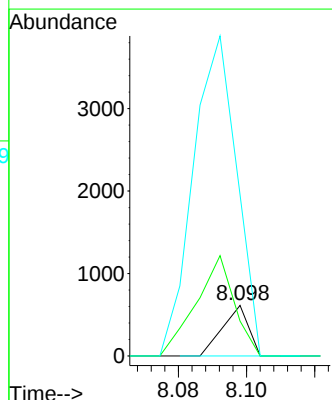
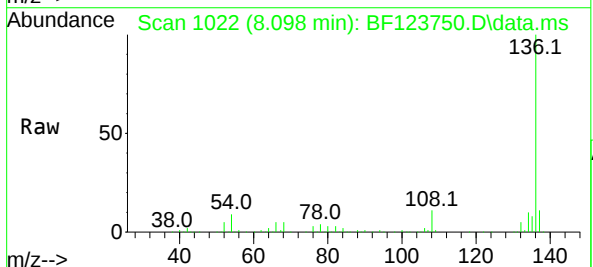
Instrument :
BNA_F
ClientSampleId :
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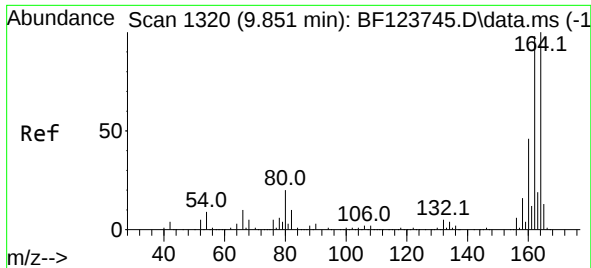
Tgt Ion: 82 Resp: 1973508
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 5.42 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.217 min
Lab File: BF123750.D
Acq: 27 Apr 2021 16:59

Tgt Ion:122 Resp: 325
Ion Ratio Lower Upper
122 100
105 69.1 107.8 147.8#
77 318.6 81.6 121.6#

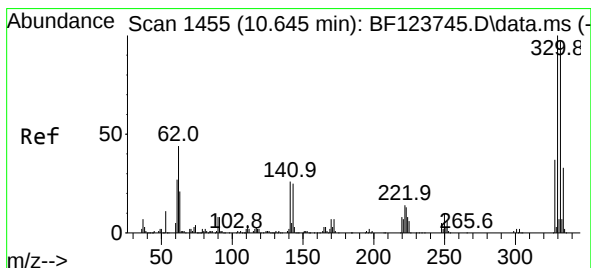
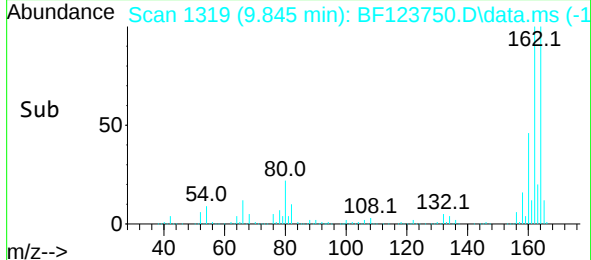
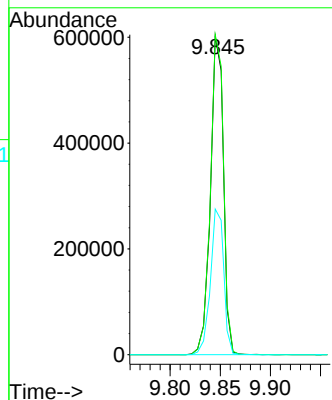
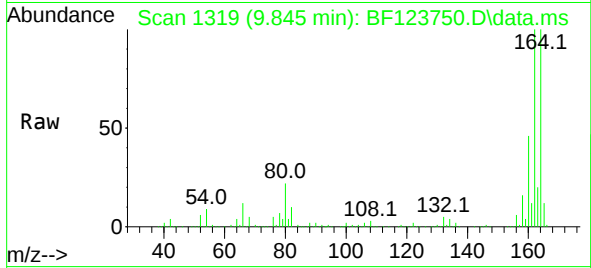




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF123750.D
Acq: 27 Apr 2021 16:59

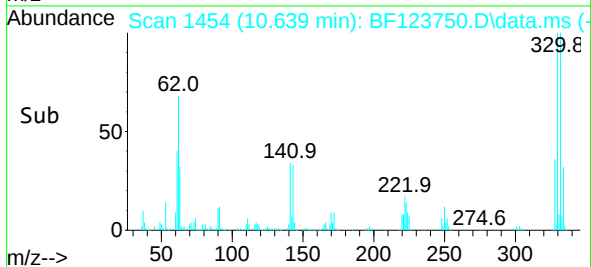
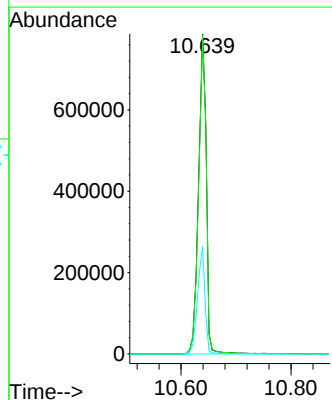
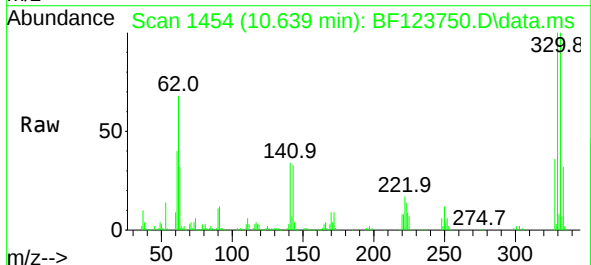
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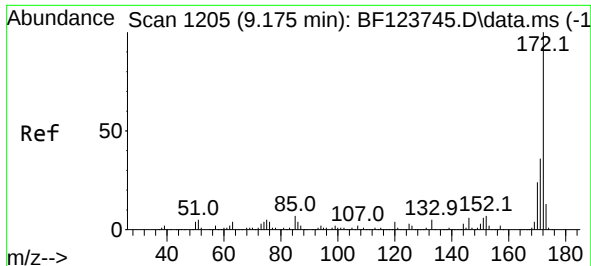
Tgt Ion:164 Resp: 544206
Ion Ratio Lower Upper
164 100
162 100.5 80.7 121.1
160 45.7 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 114.26 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF123750.D
Acq: 27 Apr 2021 16:59

Tgt Ion:330 Resp: 774067
Ion Ratio Lower Upper
330 100
332 98.5 77.1 115.7
141 32.2 27.9 41.9

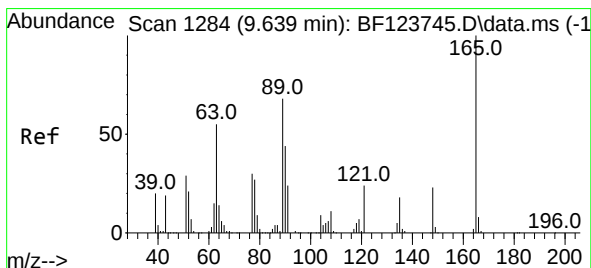
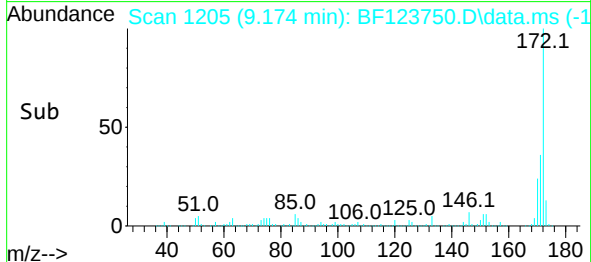
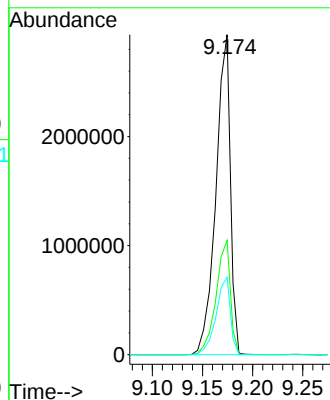
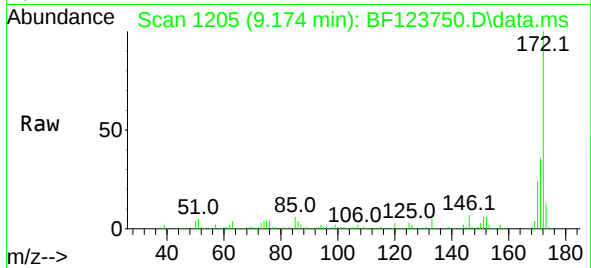




#45
2-Fluorobiphenyl
Concen: 78.80 ng
RT: 9.174 min Scan# 1205
Delta R.T. -0.000 min
Lab File: BF123750.D
Acq: 27 Apr 2021 16:59

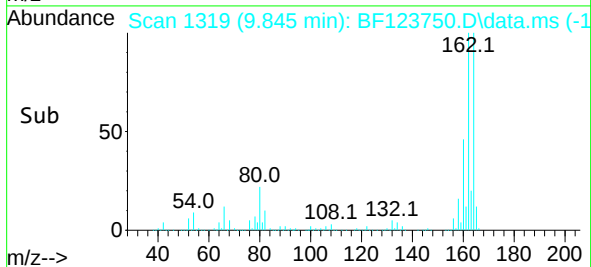
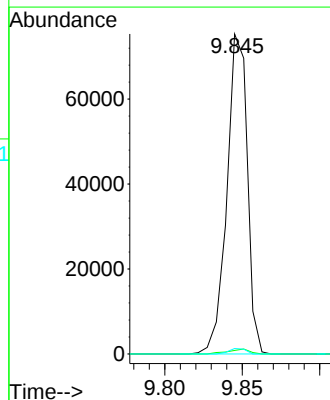
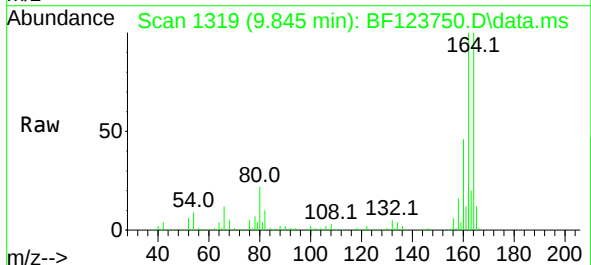
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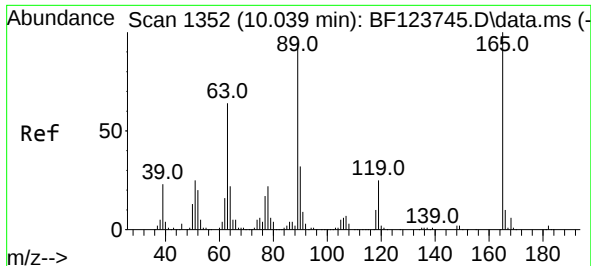
Tgt Ion:172 Resp: 2944850
Ion Ratio Lower Upper
172 100
171 35.7 28.1 42.1
170 24.2 19.2 28.8



#51
2,6-Dinitrotoluene
Concen: 7.77 ng
RT: 9.845 min Scan# 1319
Delta R.T. 0.206 min
Lab File: BF123750.D
Acq: 27 Apr 2021 16:59

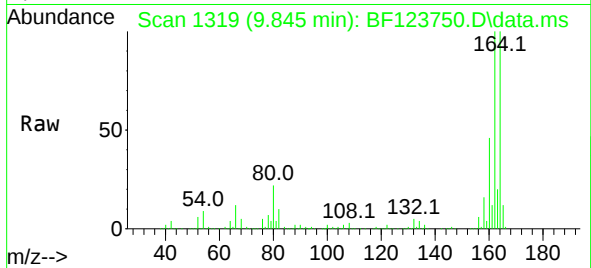
Tgt Ion:165 Resp: 68891
Ion Ratio Lower Upper
165 100
63 1.1 67.7 101.5#
89 1.7 58.8 88.2#



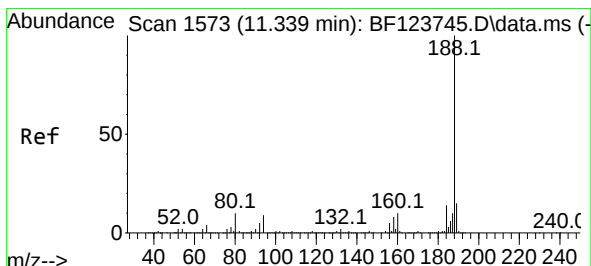
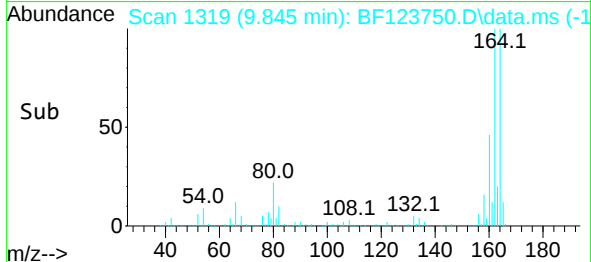
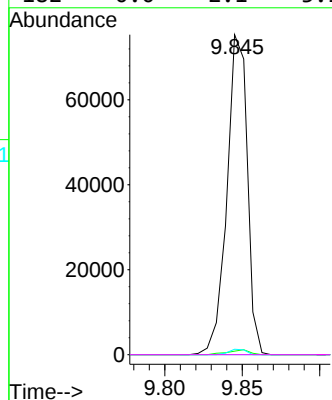


#57
2,4-Dinitrotoluene
Concen: 5.70 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.194 min
Lab File: BF123750.D
Acq: 27 Apr 2021 16:59

Instrument :
BNA_F
ClientSampleId :
PB136001BL

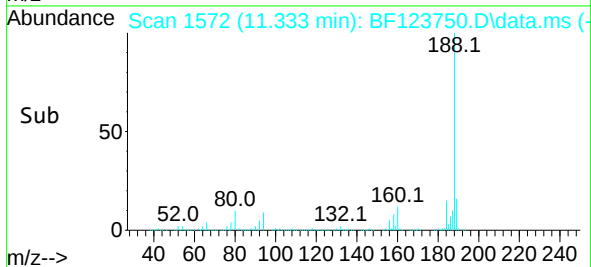
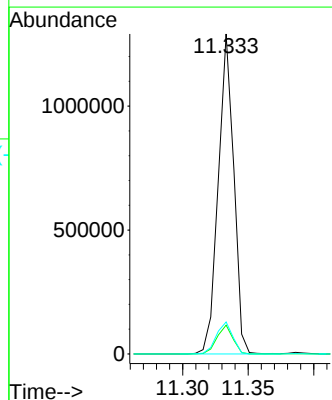
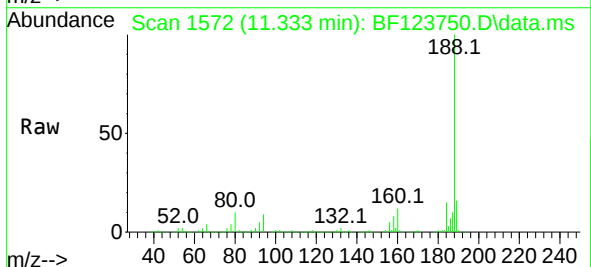


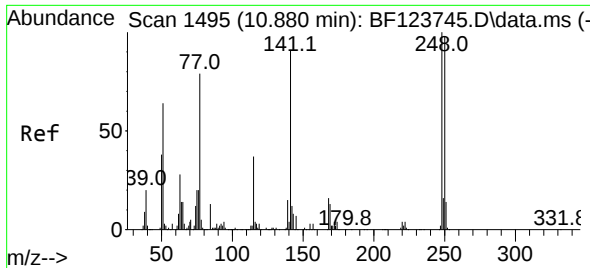
Tgt Ion:165 Resp: 68891
Ion Ratio Lower Upper
165 100
63 1.1 43.5 65.3#
89 1.7 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF123750.D
Acq: 27 Apr 2021 16:59

Tgt Ion:188 Resp: 1061149
Ion Ratio Lower Upper
188 100
94 9.0 6.9 10.3
80 10.0 8.2 12.2

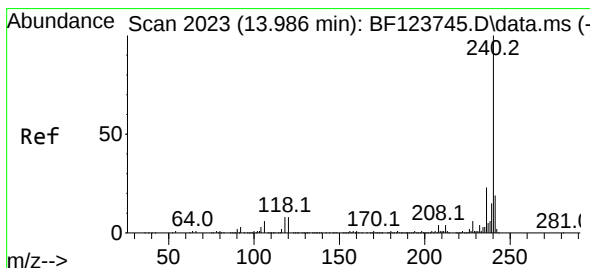
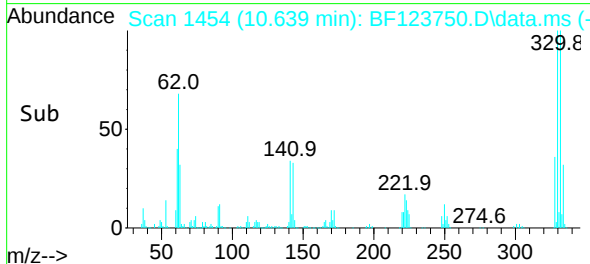
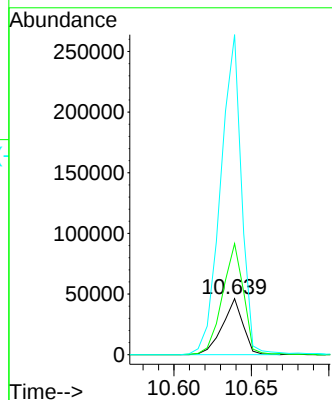
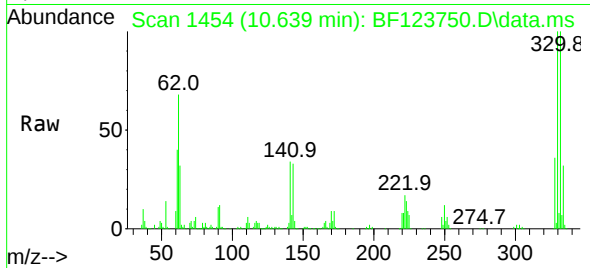




#67
4-Bromophenyl-phenylether
Concen: 3.84 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.241 min
Lab File: BF123750.D
Acq: 27 Apr 2021 16:59

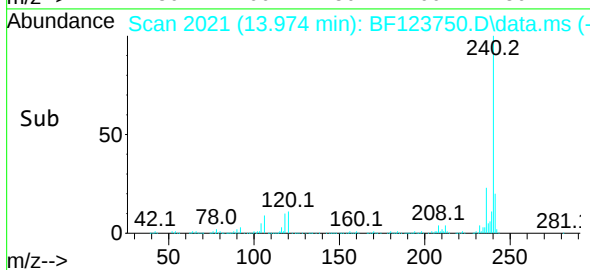
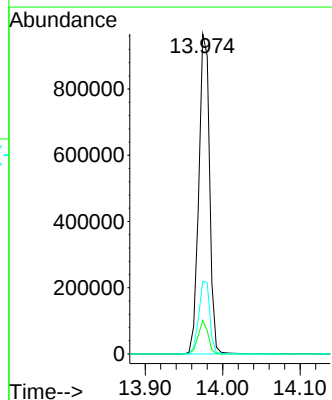
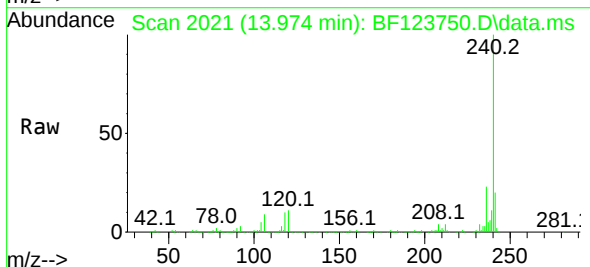
Instrument :
BNA_F
ClientSampleId :
PB136001BL

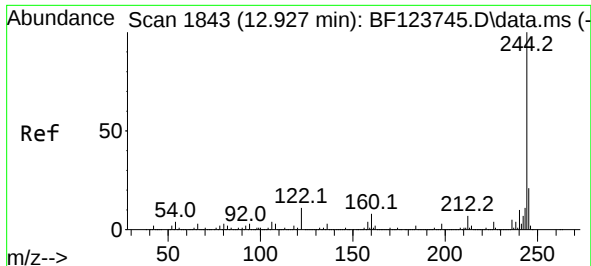
Tgt Ion:248 Resp: 42961
Ion Ratio Lower Upper
248 100
250 198.1 77.4 116.2#
141 570.7 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BF123750.D
Acq: 27 Apr 2021 16:59

Tgt Ion:240 Resp: 930973
Ion Ratio Lower Upper
240 100
120 10.5 7.2 10.8
236 22.8 19.0 28.4

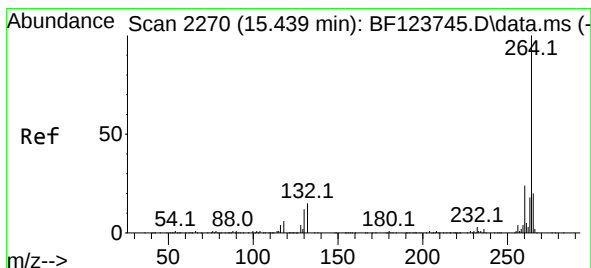
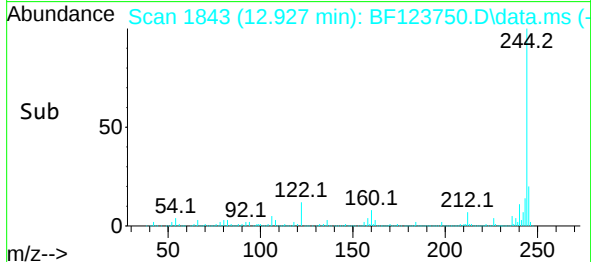
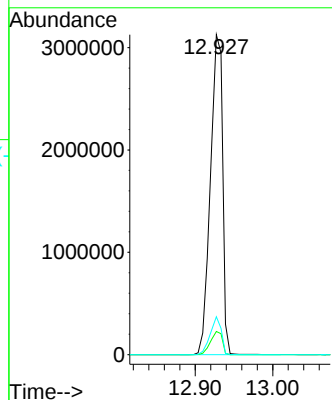
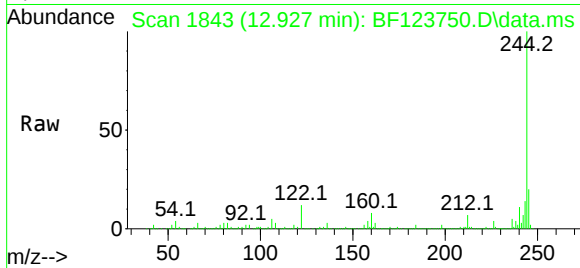




#79
 Terphenyl-d14
 Concen: 70.62 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. -0.000 min
 Lab File: BF123750.D
 Acq: 27 Apr 2021 16:59

Instrument :
 BNA_F
 ClientSampleId :
 PB136001BL

Tgt Ion:244 Resp: 3414434
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 11.8 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: BF123750.D
 Acq: 27 Apr 2021 16:59

Tgt Ion:264 Resp: 797722
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.7 28.1
 265 20.1 17.8 26.8

