

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050621\
 Data File : BF123846.D
 Acq On : 6 May 2021 10:31
 Operator : JU/CG
 Sample : PB136195BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB136195BL

Quant Time: May 06 11:17:28 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)

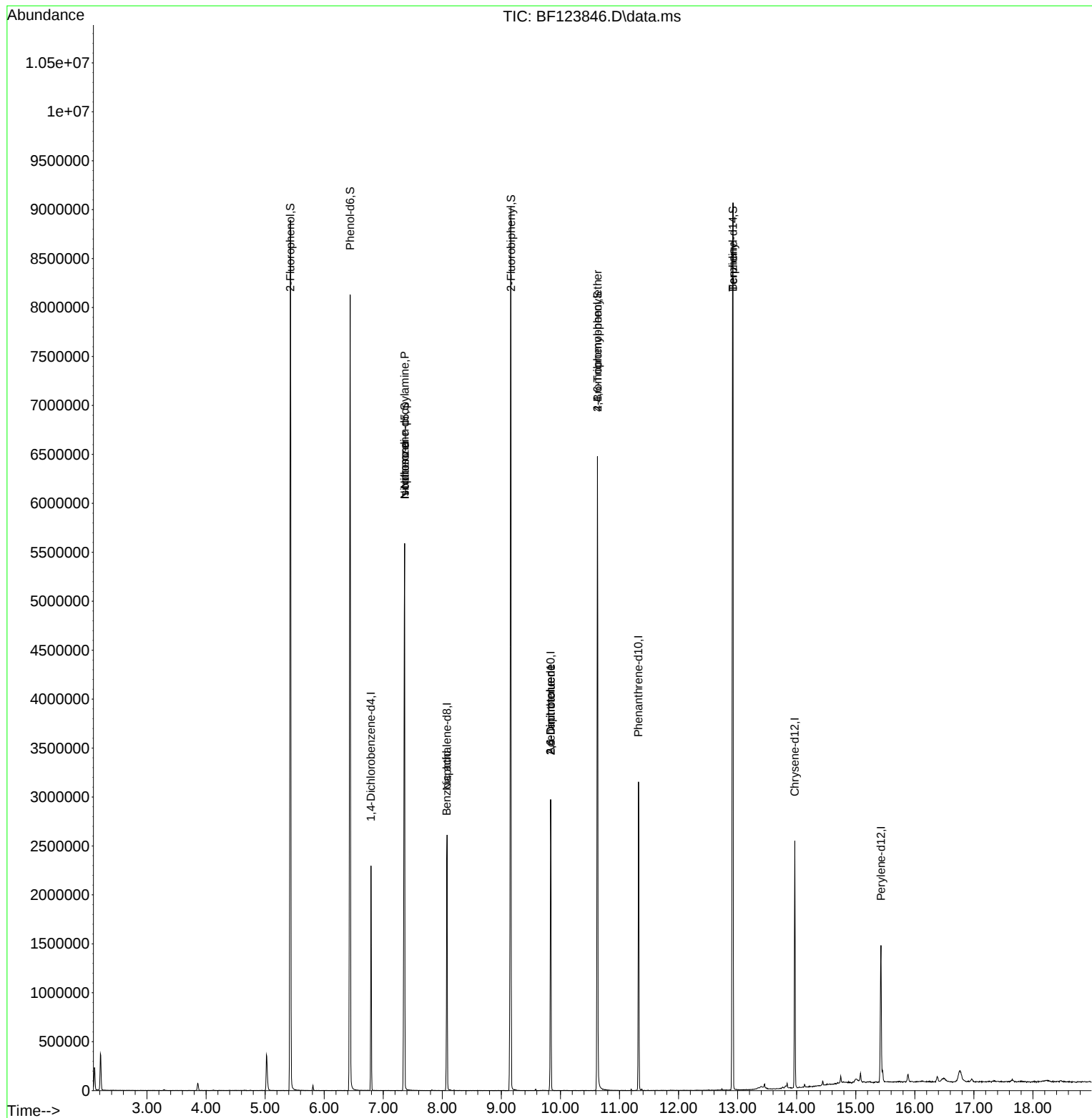
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	288715	20.00	ng	0.00
21) Naphthalene-d8	8.081	136	1158108	20.00	ng	0.00
39) Acenaphthene-d10	9.833	164	582052	20.00	ng	0.00
64) Phenanthrene-d10	11.322	188	1122432	20.00	ng	0.00
76) Chrysene-d12	13.968	240	855704	20.00	ng	0.00
86) Perylene-d12	15.427	264	632049	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	2176046	119.41	ng	0.02
7) Phenol-d6	6.440	99	2774462	110.52	ng	0.00
23) Nitrobenzene-d5	7.363	82	1958754	76.35	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	832109	114.84	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	3029624	75.80	ng	0.00
79) Terphenyl-d14	12.921	244	3350917	75.41	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.363	70	268992	17.35	ng	# 70
25) Isophorone	7.363	82	1942234	40.38	ng	# 69
32) Benzoic acid	8.075	122	129	5.40	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	74224	7.83	ng	# 11
57) 2,4-Dinitrotoluene	9.833	165	74224	5.74	ng	# 17
67) 4-Bromophenyl-phenylether	10.628	248	44792	3.79	ng	# 1
77) Benzidine	12.921	184	45013	2.03	ng	98

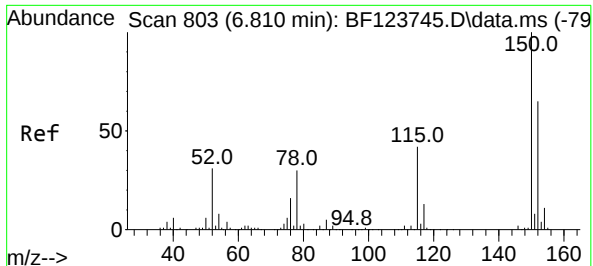
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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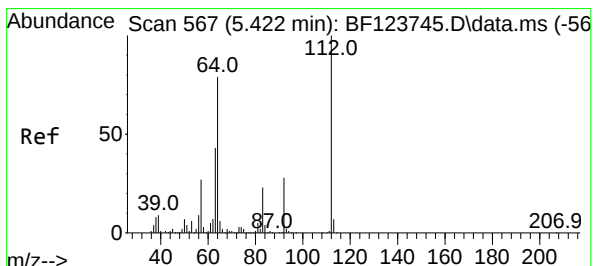
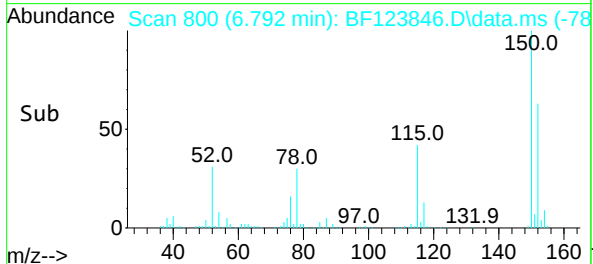
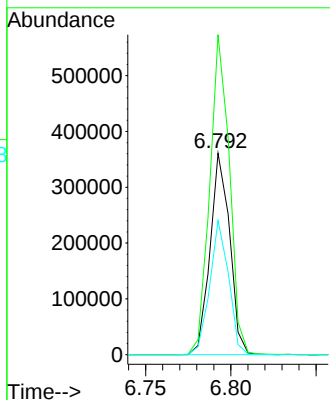
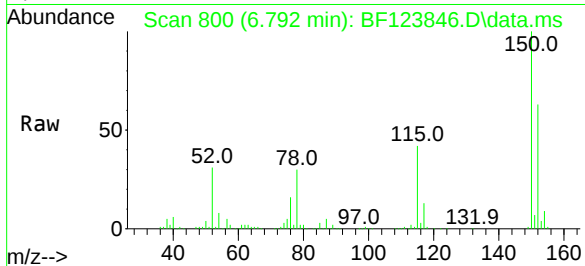




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF123846.D
Acq: 6 May 2021 10:31

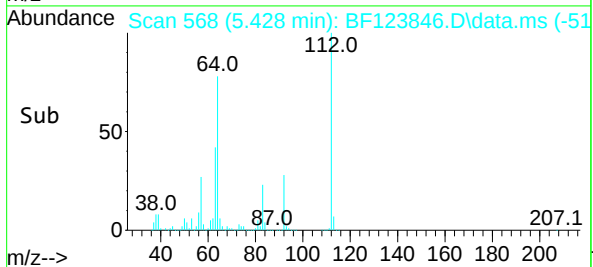
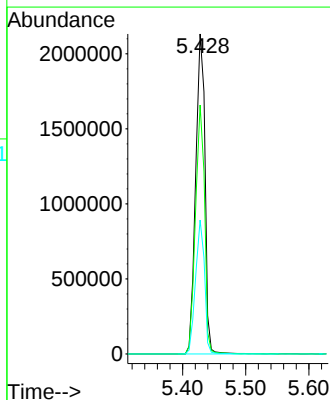
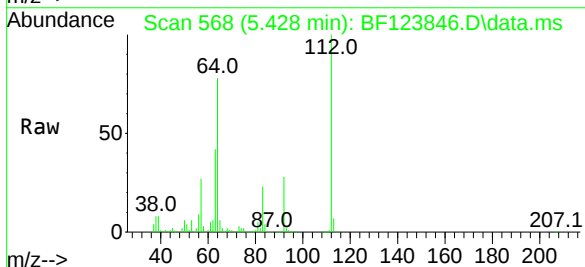
Instrument :
BNA_F
ClientSampleId :
PB136195BL

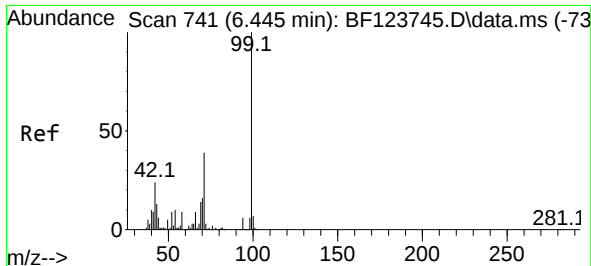
Tgt Ion:152 Resp: 288715
Ion Ratio Lower Upper
152 100
150 158.8 127.0 190.6
115 66.6 54.3 81.5



#5
2-Fluorophenol
Concen: 119.41 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.018 min
Lab File: BF123846.D
Acq: 6 May 2021 10:31

Tgt Ion:112 Resp: 2176046
Ion Ratio Lower Upper
112 100
64 77.8 61.4 92.0
63 41.9 33.0 49.4



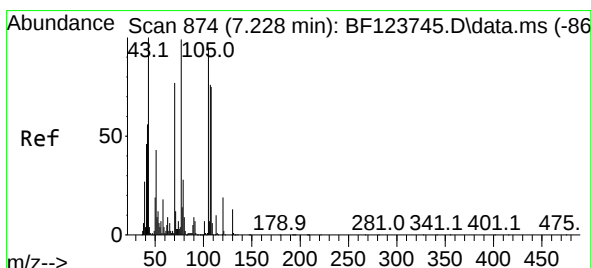
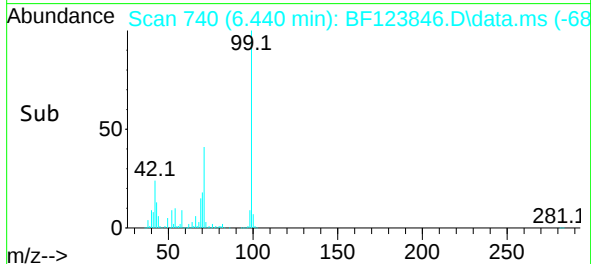
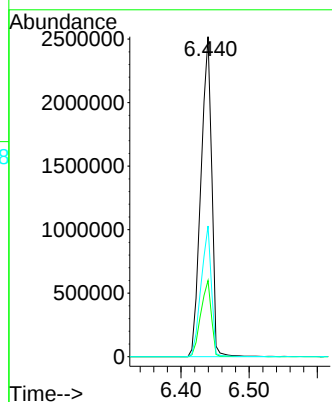
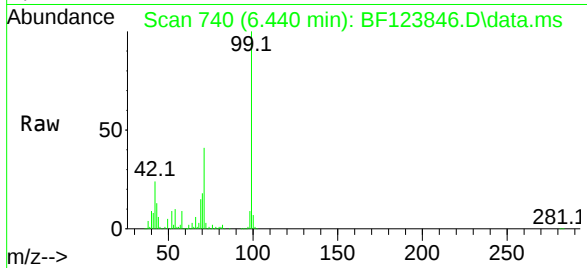


#7
Phenol-d6
Concen: 110.52 ng
RT: 6.440 min Scan# 740
Delta R.T. -0.000 min
Lab File: BF123846.D
Acq: 6 May 2021 10:31

Instrument :
BNA_F
ClientSampleId :
PB136195BL

Tgt Ion: 99 Resp: 2774462

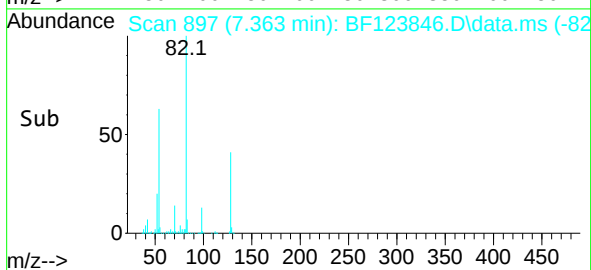
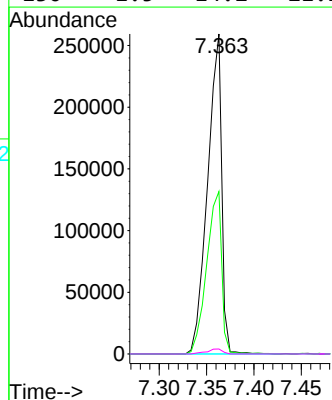
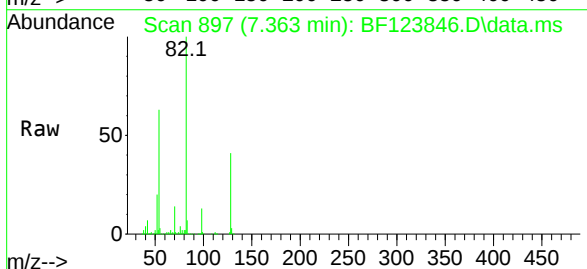
Ion	Ratio	Lower	Upper
99	100		
42	23.8	19.8	29.8
71	40.9	31.1	46.7

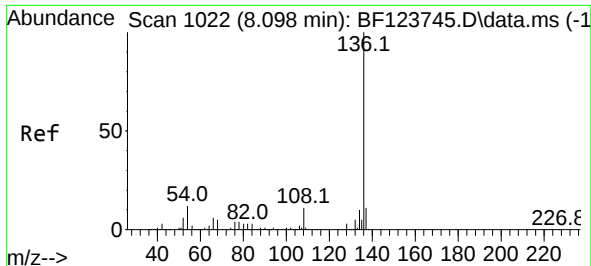


#19
n-Nitroso-di-n-propylamine
Concen: 17.35 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.147 min
Lab File: BF123846.D
Acq: 6 May 2021 10:31

Tgt Ion: 70 Resp: 268992

Ion	Ratio	Lower	Upper
70	100		
42	50.8	60.1	90.1#
101	0.0	7.4	11.2#
130	1.5	14.2	21.2#

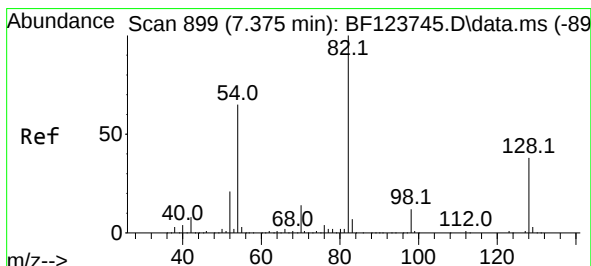
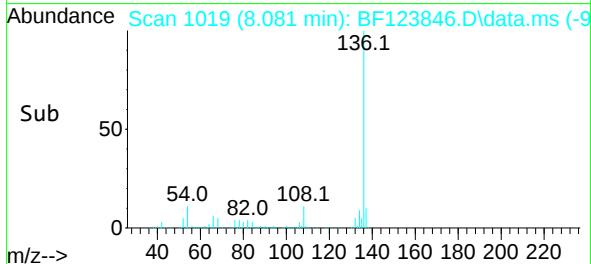
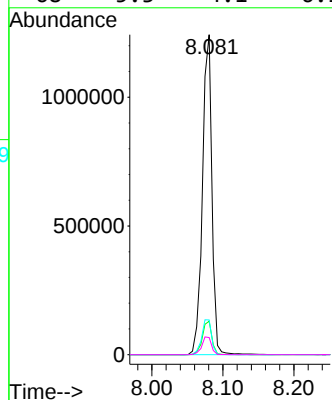
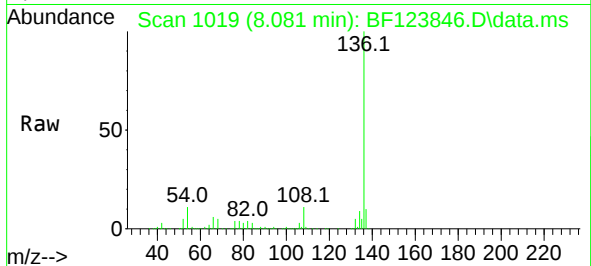




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF123846.D
Acq: 6 May 2021 10:31

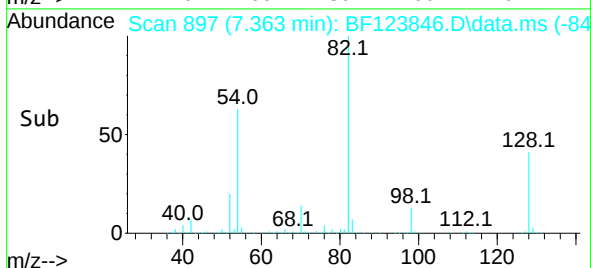
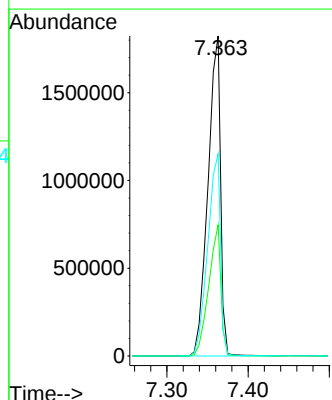
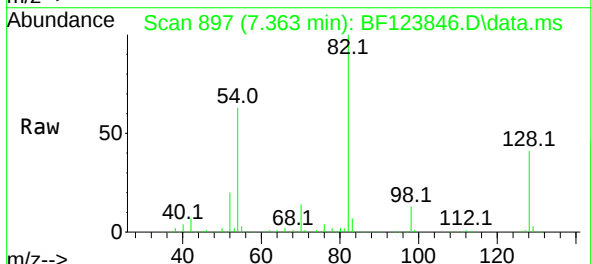
Instrument :
BNA_F
ClientSampleId :
PB136195BL

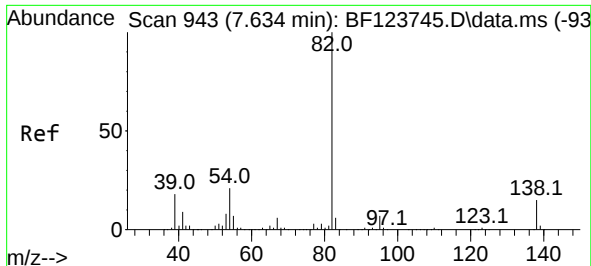
Tgt Ion:136 Resp: 1158108
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 10.8 9.8 14.6
68 5.3 4.1 6.1



#23
Nitrobenzene-d5
Concen: 76.35 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.000 min
Lab File: BF123846.D
Acq: 6 May 2021 10:31

Tgt Ion: 82 Resp: 1958754
Ion Ratio Lower Upper
82 100
128 40.9 29.4 44.2
54 63.2 54.1 81.1

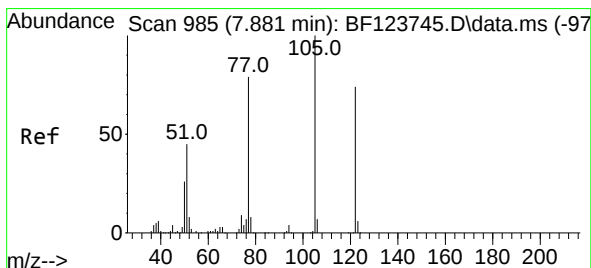
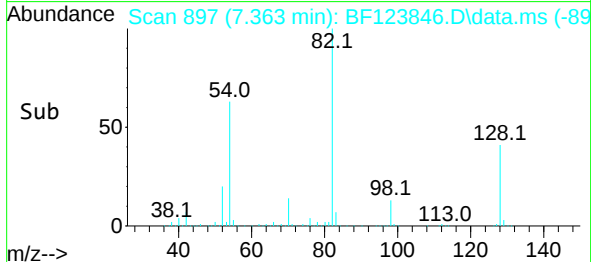
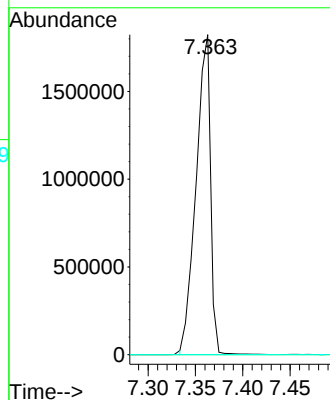
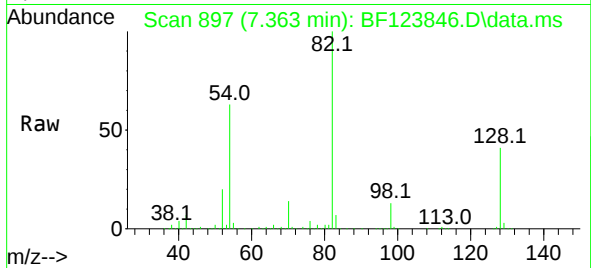




#25
Isophorone
Concen: 40.38 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.259 min
Lab File: BF123846.D
Acq: 6 May 2021 10:31

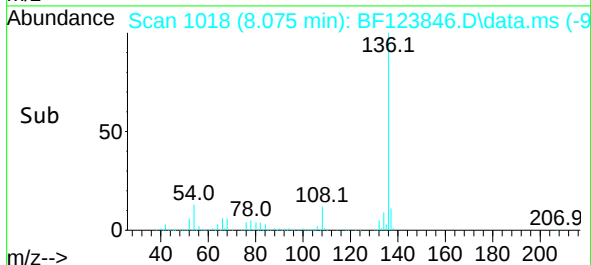
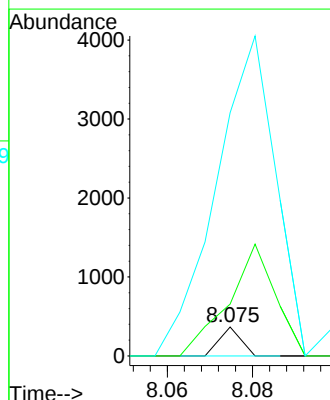
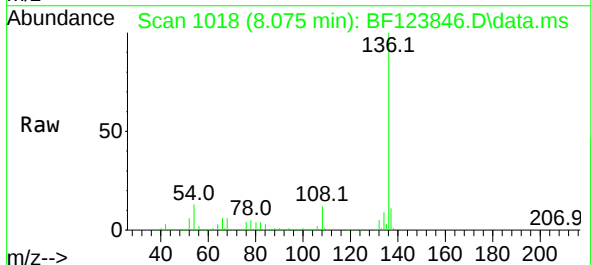
Instrument :
BNA_F
ClientSampleId :
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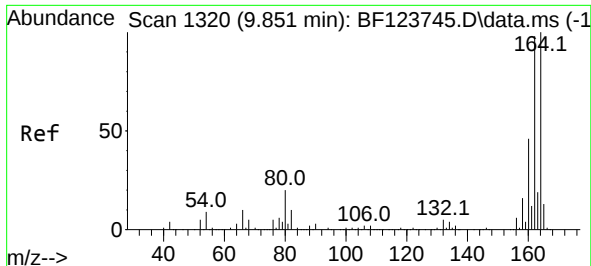
Tgt Ion: 82 Resp: 1942234
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 5.40 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.200 min
Lab File: BF123846.D
Acq: 6 May 2021 10:31

Tgt Ion:122 Resp: 129
Ion Ratio Lower Upper
122 100
105 179.5 107.8 147.8#
77 841.5 81.6 121.6#

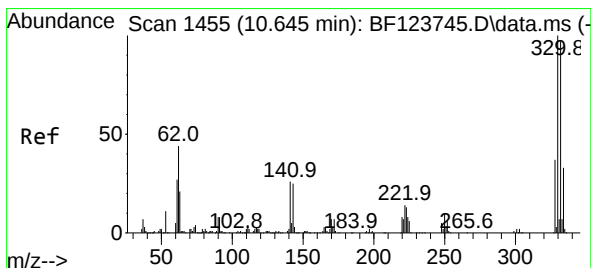
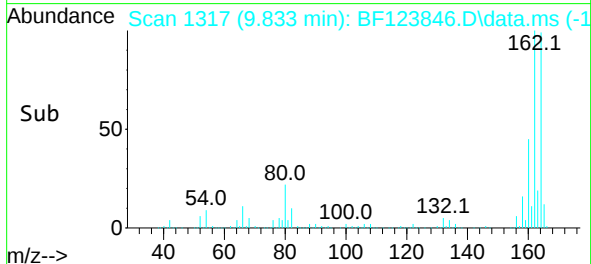
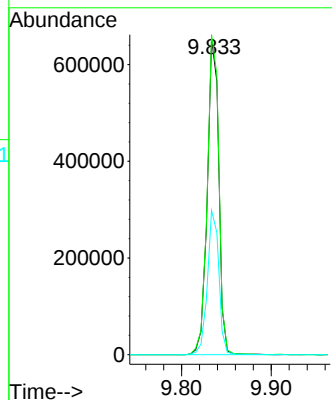
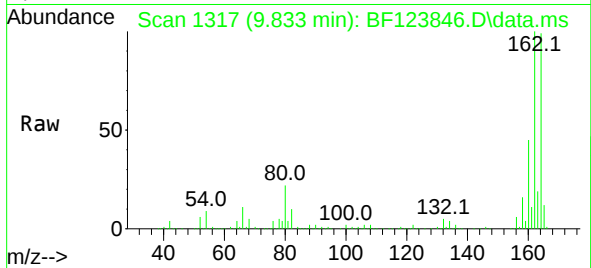




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF123846.D
Acq: 6 May 2021 10:31

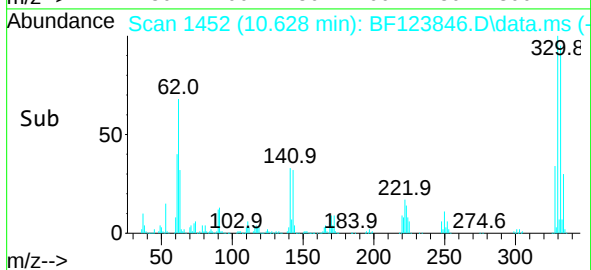
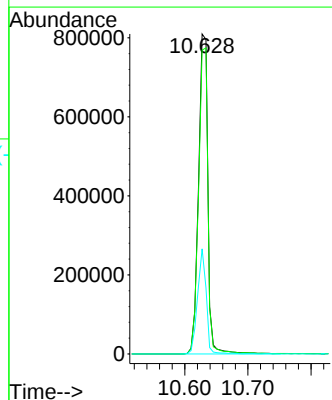
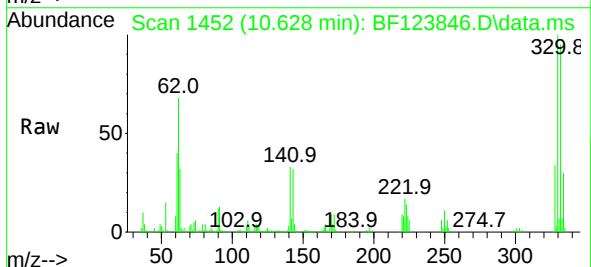
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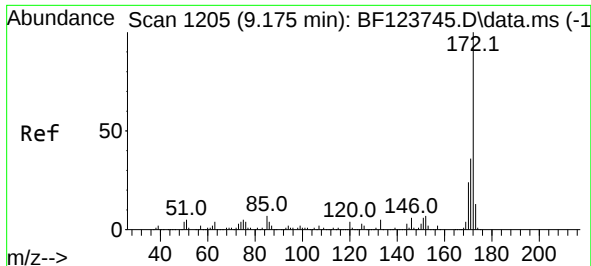
Tgt Ion:164 Resp: 582052
Ion Ratio Lower Upper
164 100
162 101.3 80.7 121.1
160 45.7 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 114.84 ng
RT: 10.628 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF123846.D
Acq: 6 May 2021 10:31

Tgt Ion:330 Resp: 832109
Ion Ratio Lower Upper
330 100
332 96.0 77.1 115.7
141 30.3 27.9 41.9

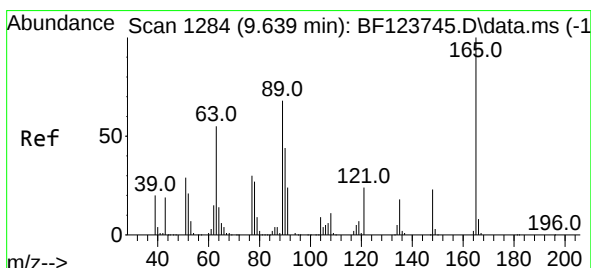
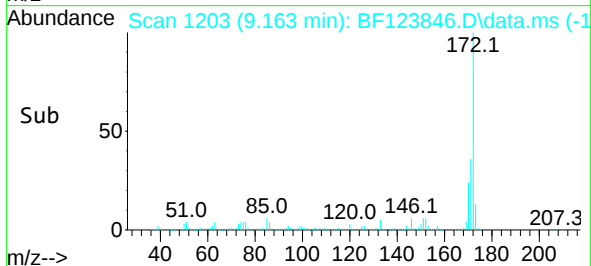
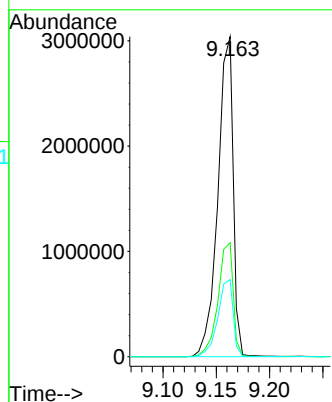
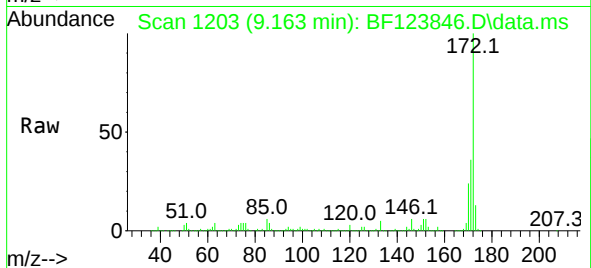




#45
2-Fluorobiphenyl
Concen: 75.80 ng
RT: 9.163 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BF123846.D
Acq: 6 May 2021 10:31

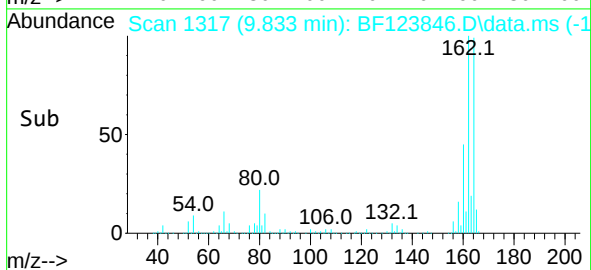
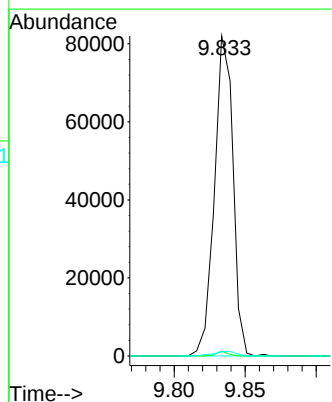
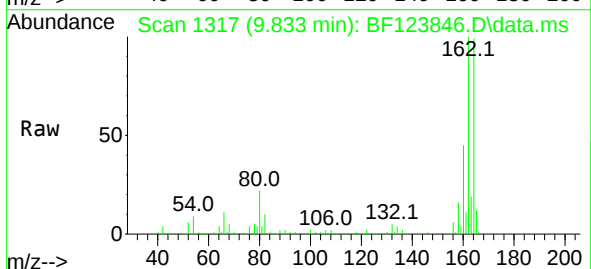
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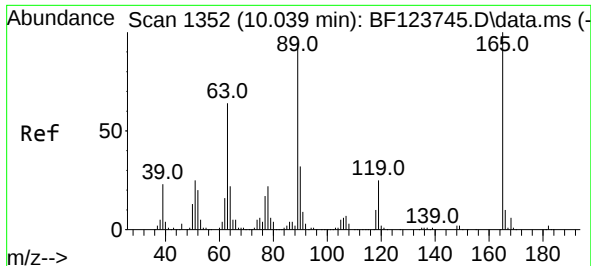
Tgt Ion:172 Resp: 3029624
Ion Ratio Lower Upper
172 100
171 35.6 28.1 42.1
170 24.1 19.2 28.8



#51
2,6-Dinitrotoluene
Concen: 7.83 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.206 min
Lab File: BF123846.D
Acq: 6 May 2021 10:31

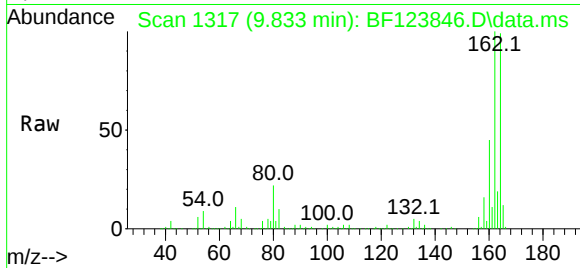
Tgt Ion:165 Resp: 74224
Ion Ratio Lower Upper
165 100
63 1.5 67.7 101.5#
89 1.3 58.8 88.2#



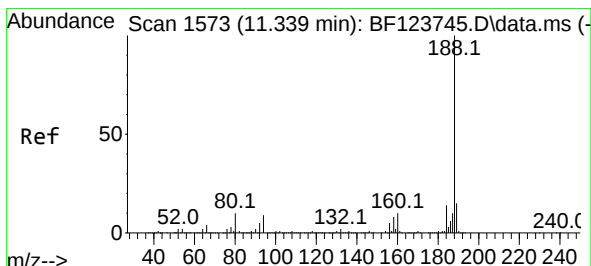
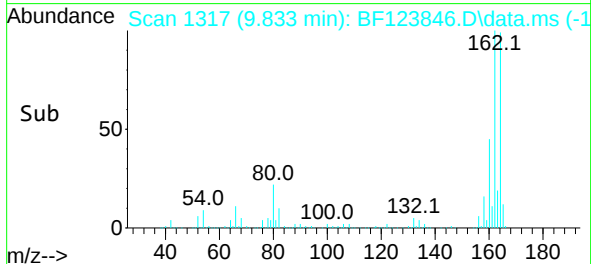
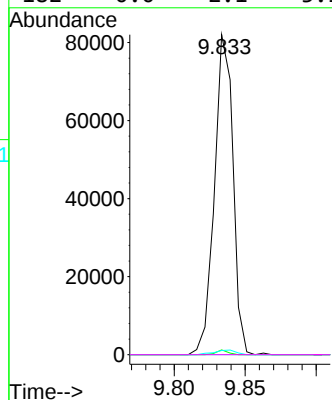


#57
2,4-Dinitrotoluene
Concen: 5.74 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.200 min
Lab File: BF123846.D
Acq: 6 May 2021 10:31

Instrument :
BNA_F
ClientSampleId :
PB136195BL

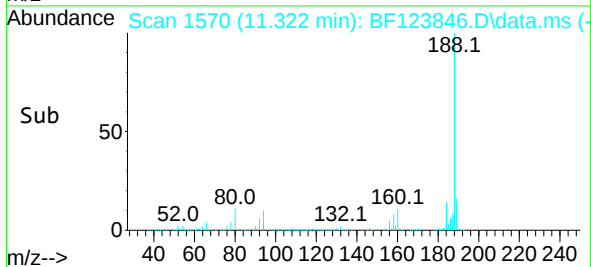
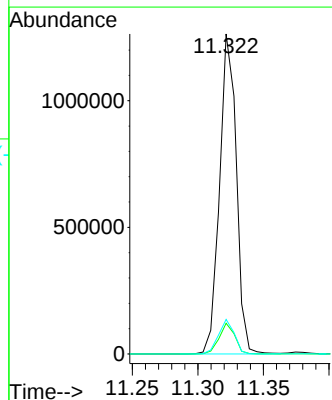
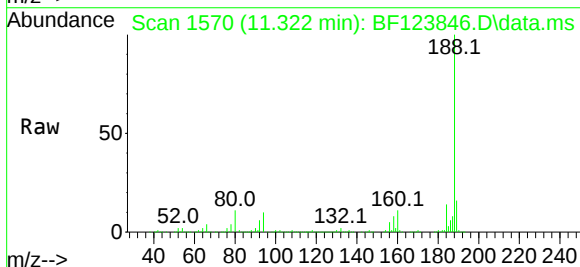


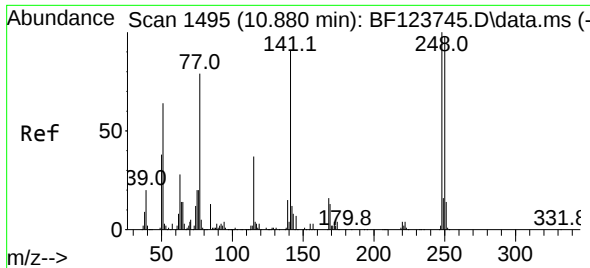
Tgt Ion:165 Resp: 74224
Ion Ratio Lower Upper
165 100
63 1.5 43.5 65.3#
89 1.3 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF123846.D
Acq: 6 May 2021 10:31

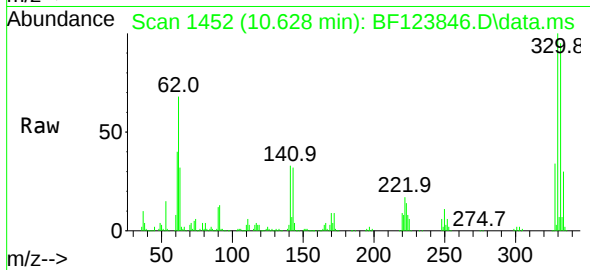
Tgt Ion:188 Resp: 1122432
Ion Ratio Lower Upper
188 100
94 9.6 6.9 10.3
80 10.8 8.2 12.2



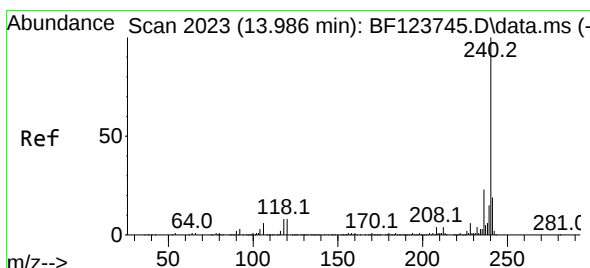
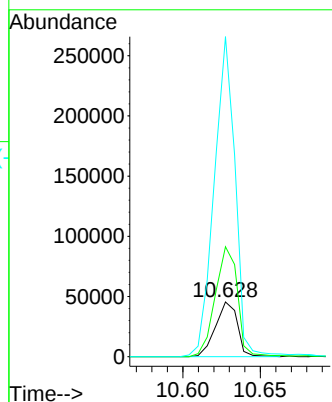
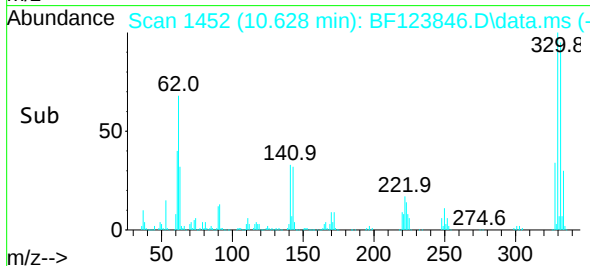


#67
4-Bromophenyl-phenylether
Concen: 3.79 ng
RT: 10.628 min Scan# 1452
Delta R.T. -0.247 min
Lab File: BF123846.D
Acq: 6 May 2021 10:31

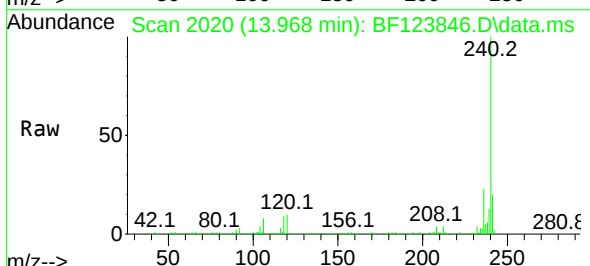
Instrument :
BNA_F
ClientSampleId :
PB136195BL



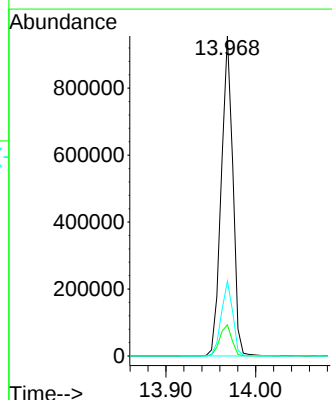
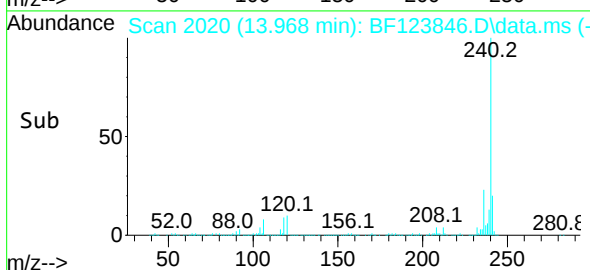
Tgt Ion:248 Resp: 44792
Ion Ratio Lower Upper
248 100
250 200.8 77.4 116.2#
141 584.9 63.7 95.5#

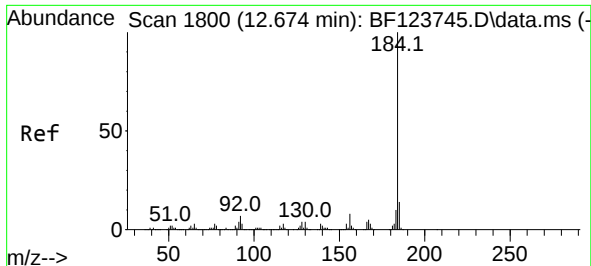


#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF123846.D
Acq: 6 May 2021 10:31



Tgt Ion:240 Resp: 855704
Ion Ratio Lower Upper
240 100
120 9.7 7.2 10.8
236 23.4 19.0 28.4

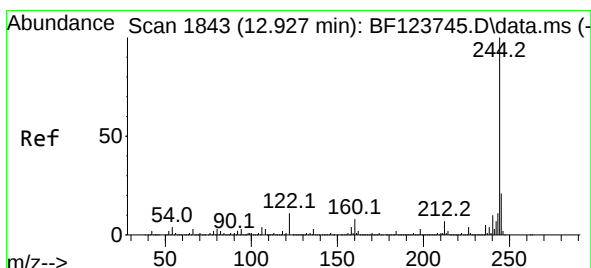
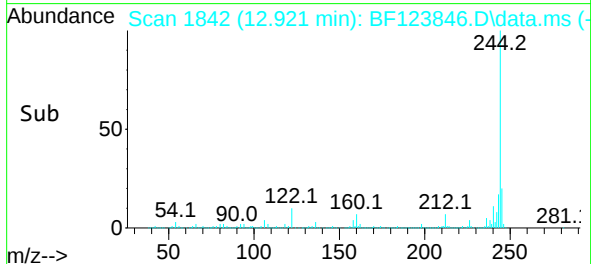
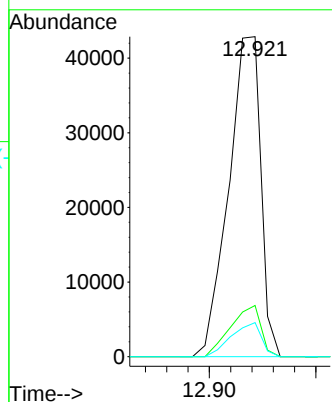
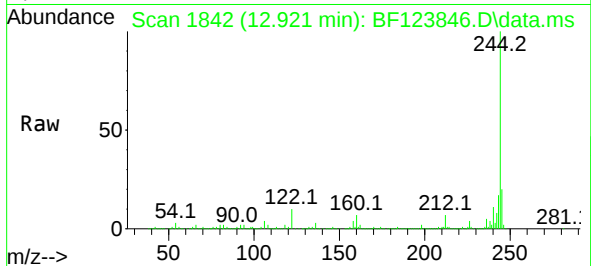




#77
Benzidine
Concen: 2.03 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.259 min
Lab File: BF123846.D
Acq: 6 May 2021 10:31

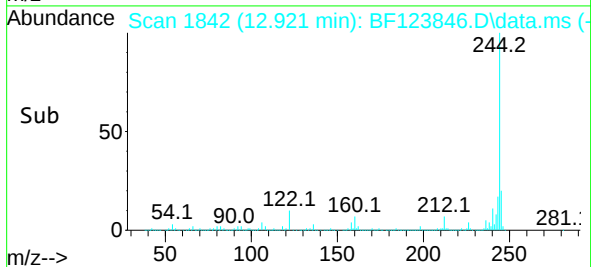
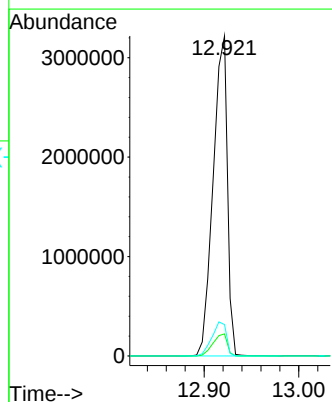
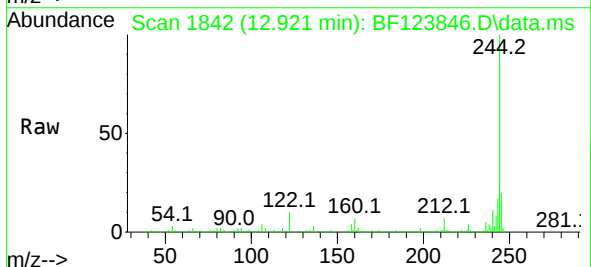
Instrument :
BNA_F
ClientSampleId :
PB136195BL

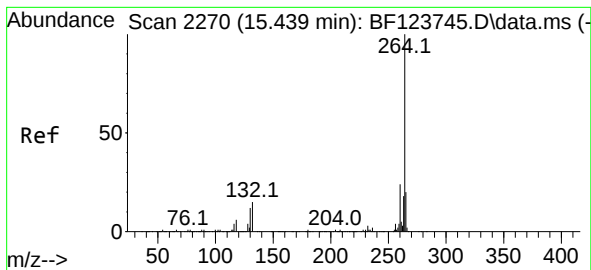
Tgt Ion:184 Resp: 45013
Ion Ratio Lower Upper
184 100
185 16.0 12.1 18.1
183 10.7 7.8 11.8



#79
Terphenyl-d14
Concen: 75.41 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.006 min
Lab File: BF123846.D
Acq: 6 May 2021 10:31

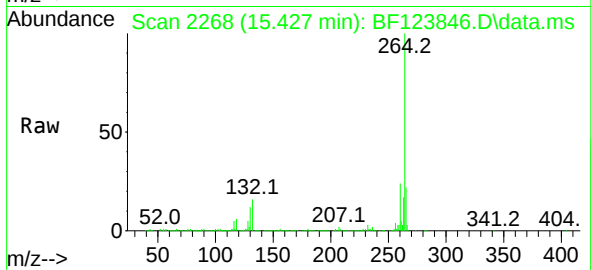
Tgt Ion:244 Resp: 3350917
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 9.8 9.7 14.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.427 min Scan# 2268
 Delta R.T. -0.000 min
 Lab File: BF123846.D
 Acq: 6 May 2021 10:31

Instrument :
 BNA_F
 ClientSampleId :
 PB136195BL



Tgt Ion:264 Resp: 632049

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	21.6	17.8	26.8

