

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050721\
 Data File : BF123880.D
 Acq On : 7 May 2021 22:37
 Operator : JU/CG
 Sample : M2307-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-18

Quant Time: May 08 00:33:30 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 07 13:43:24 2021
 Response via : Initial Calibration

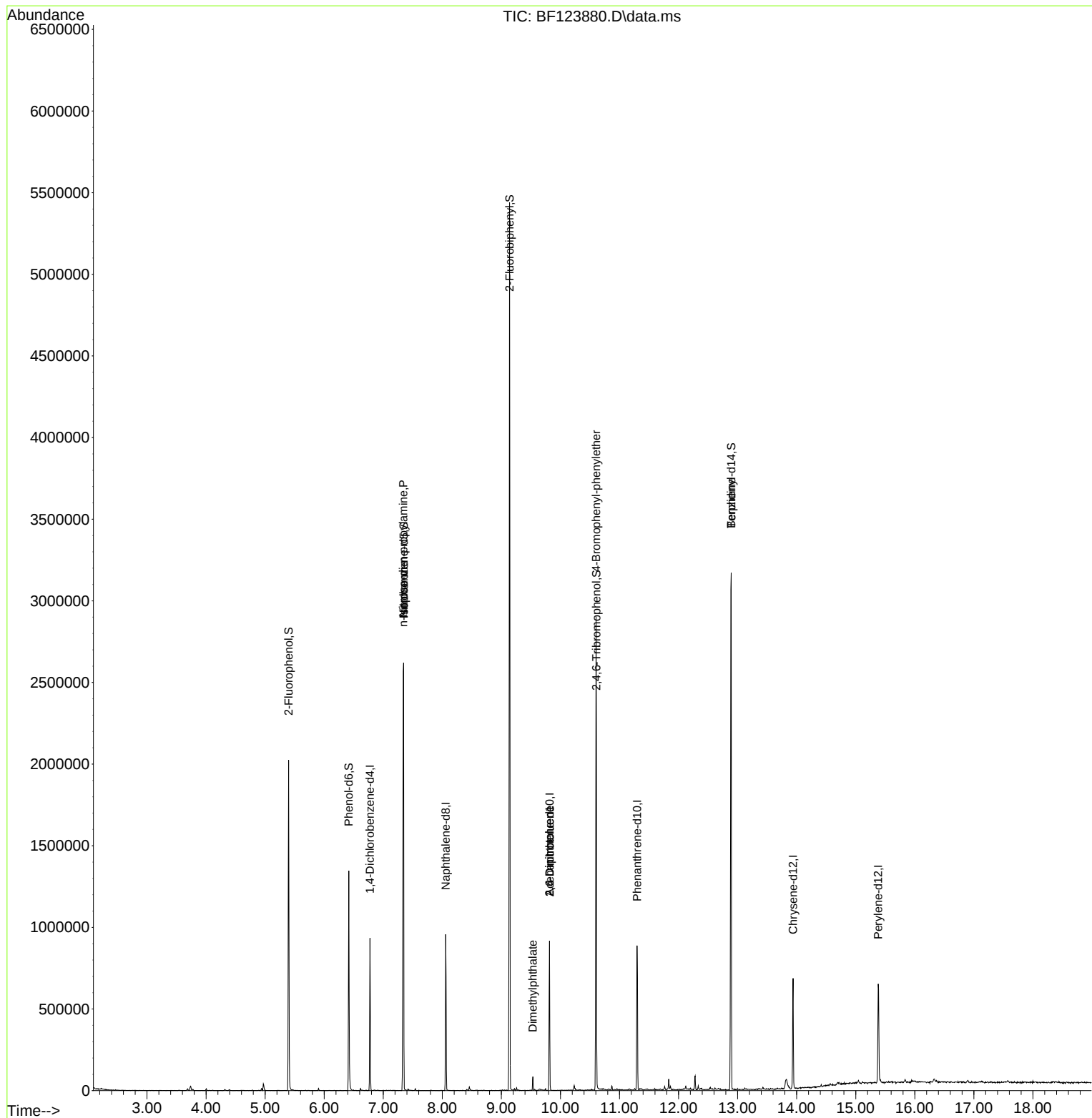
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	109188	20.00	ng	0.00
21) Naphthalene-d8	8.057	136	348765	20.00	ng	0.00
39) Acenaphthene-d10	9.816	164	154299	20.00	ng	0.00
64) Phenanthrene-d10	11.298	188	314885	20.00	ng	0.00
76) Chrysene-d12	13.939	240	222892	20.00	ng	0.00
86) Perylene-d12	15.380	264	285400	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	407008	59.05	ng	0.00
7) Phenol-d6	6.416	99	300039	31.60	ng	-0.01
23) Nitrobenzene-d5	7.345	82	884765	114.52	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	329711	171.65	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	1453156	137.15	ng	0.00
79) Terphenyl-d14	12.892	244	1087819	93.98	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.340	70	120612	20.57	ng	# 79
25) Isophorone	7.345	82	881876	60.88	ng	# 69
50) Dimethylphthalate	9.533	163	25132	2.31	ng	# 94
51) 2,6-Dinitrotoluene	9.816	165	21358	8.50	ng	# 11
57) 2,4-Dinitrotoluene	9.816	165	21358	6.23	ng	# 16
67) 4-Bromophenyl-phenylether	10.604	248	17001	5.13	ng	# 1
77) Benzidine	12.892	184	16232	2.81	ng	98

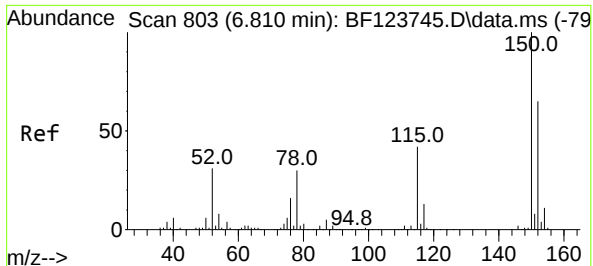
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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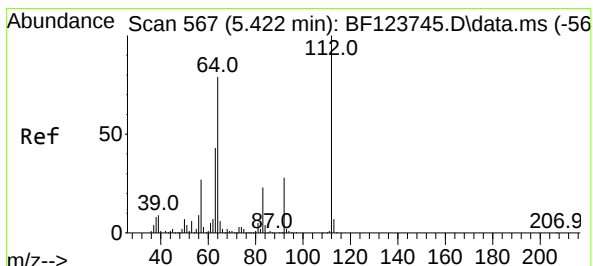
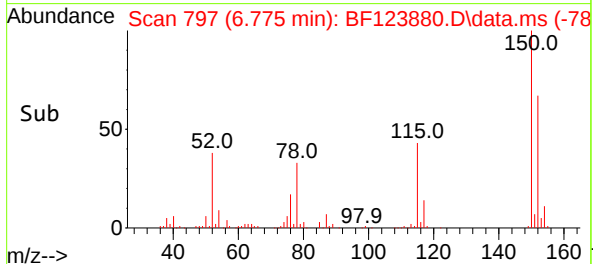
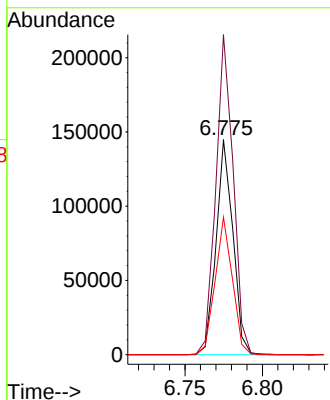
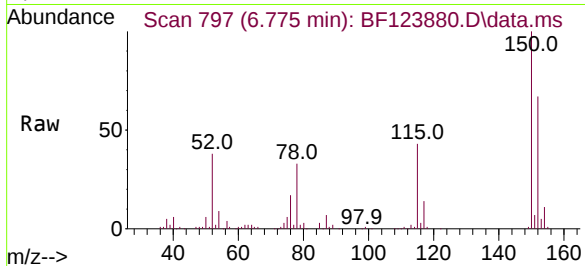




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.775 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF123880.D
Acq: 7 May 2021 22:37

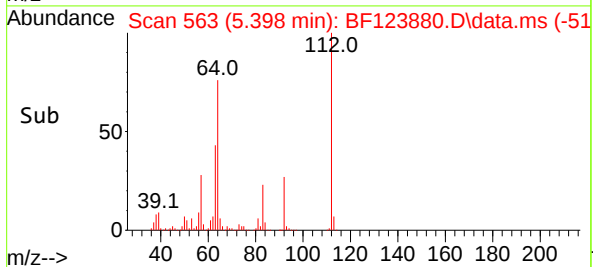
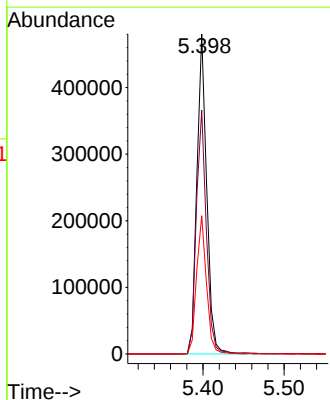
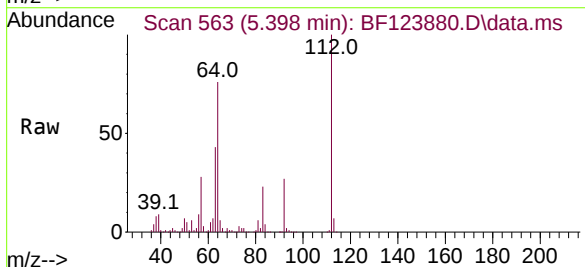
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BNA_F
ClientSampleId :
MW-18

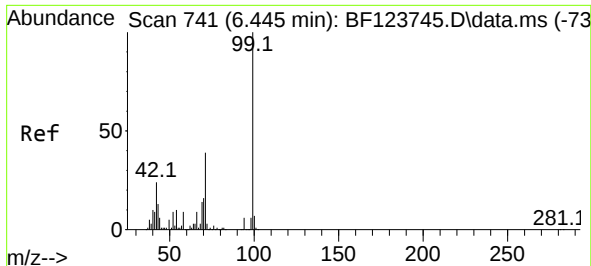
Tgt Ion:152 Resp: 109188
Ion Ratio Lower Upper
152 100
150 148.8 127.0 190.6
115 63.9 54.3 81.5



#5
2-Fluorophenol
Concen: 59.05 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.000 min
Lab File: BF123880.D
Acq: 7 May 2021 22:37

Tgt Ion:112 Resp: 407008
Ion Ratio Lower Upper
112 100
64 76.1 61.4 92.0
63 43.2 33.0 49.4

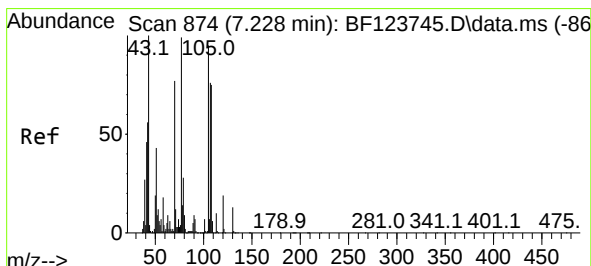
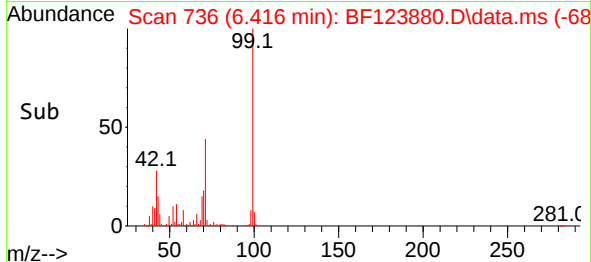
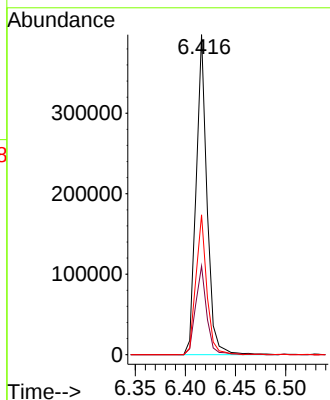
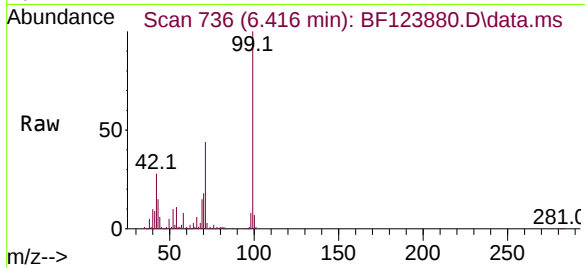




#7
Phenol-d6
Concen: 31.60 ng
RT: 6.416 min Scan# 736
Delta R.T. -0.012 min
Lab File: BF123880.D
Acq: 7 May 2021 22:37

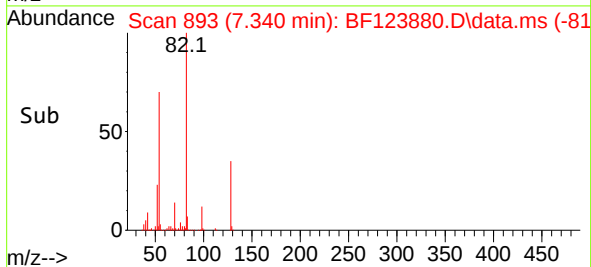
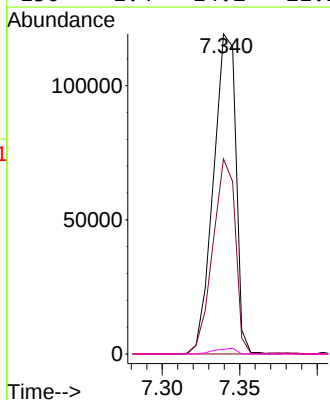
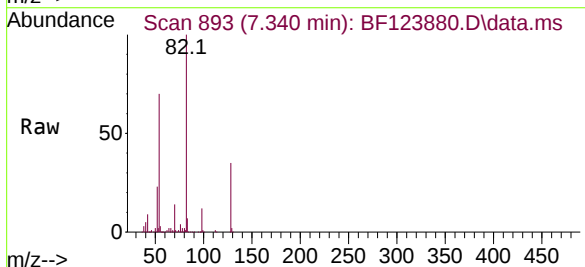
Instrument :
BNA_F
ClientSampled :
MW-18

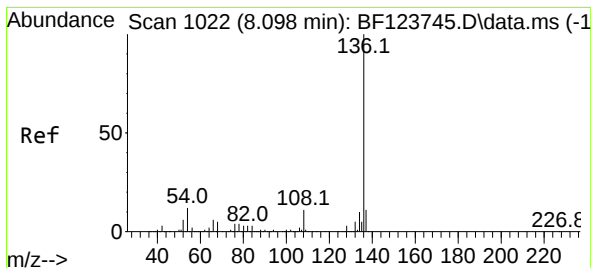
Tgt Ion: 99 Resp: 300039
Ion Ratio Lower Upper
99 100
42 27.7 19.8 29.8
71 43.7 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 20.57 ng
RT: 7.340 min Scan# 893
Delta R.T. 0.141 min
Lab File: BF123880.D
Acq: 7 May 2021 22:37

Tgt Ion: 70 Resp: 120612
Ion Ratio Lower Upper
70 100
42 61.0 60.1 90.1
101 0.0 7.4 11.2#
130 1.4 14.2 21.2#



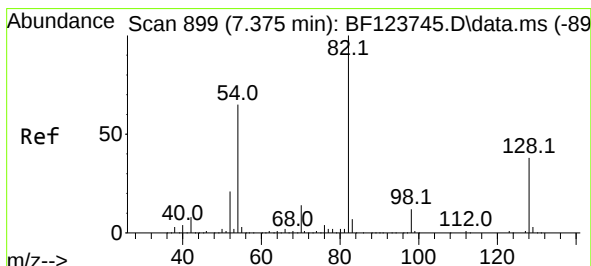
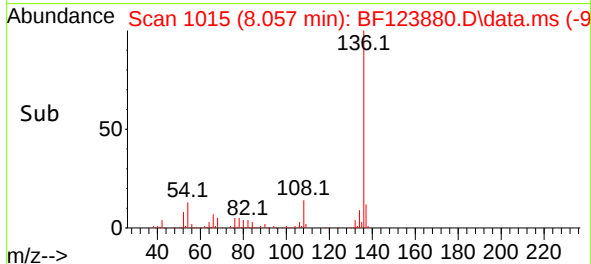
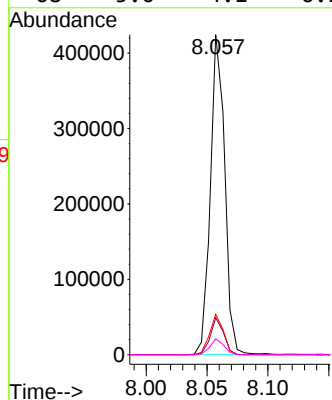
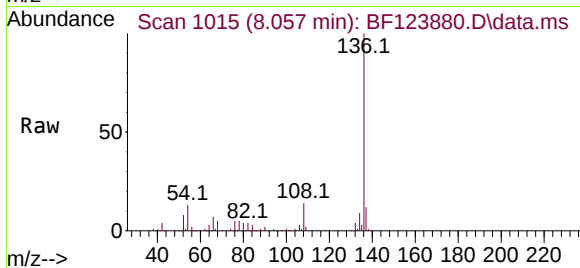


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF123880.D
Acq: 7 May 2021 22:37

Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion:136 Resp: 348765

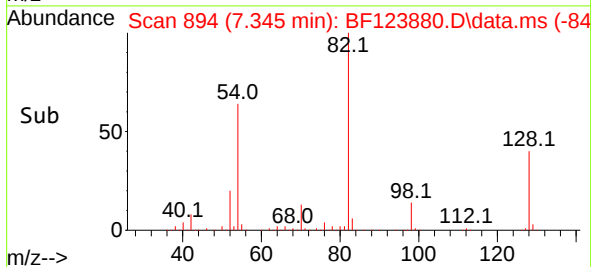
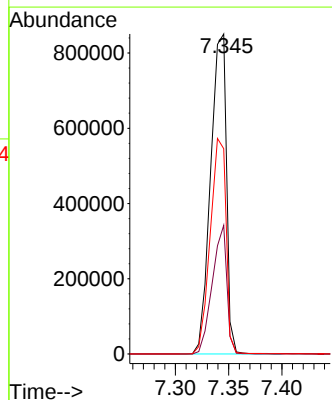
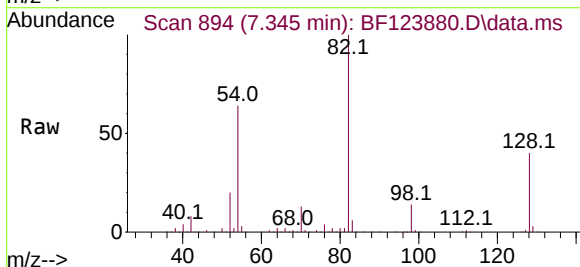
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	12.6	9.8	14.6
68	5.0	4.1	6.1

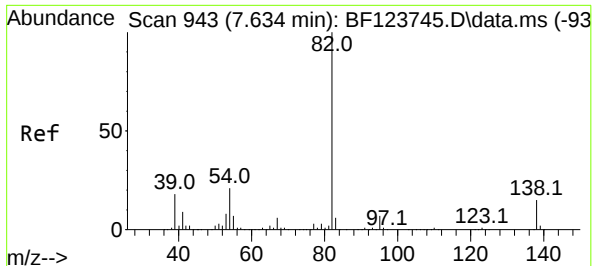


#23
Nitrobenzene-d5
Concen: 114.52 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.000 min
Lab File: BF123880.D
Acq: 7 May 2021 22:37

Tgt Ion: 82 Resp: 884765

Ion	Ratio	Lower	Upper
82	100		
128	40.2	29.4	44.2
54	64.2	54.1	81.1

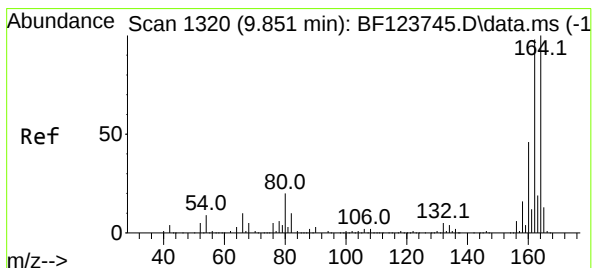
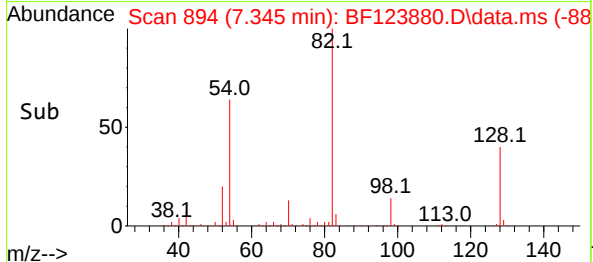
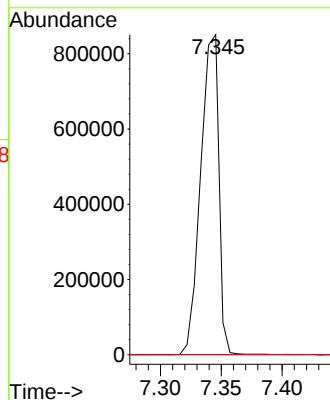
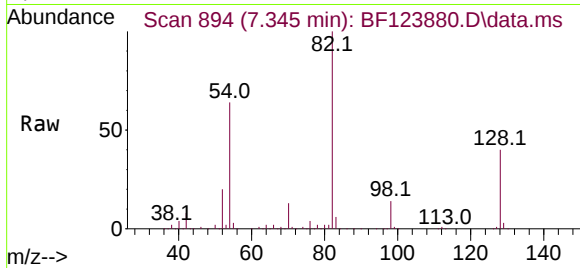




#25
Isophorone
Concen: 60.88 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.265 min
Lab File: BF123880.D
Acq: 7 May 2021 22:37

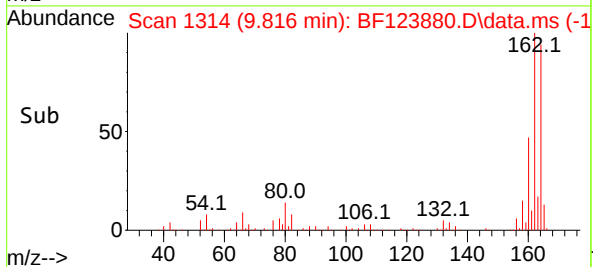
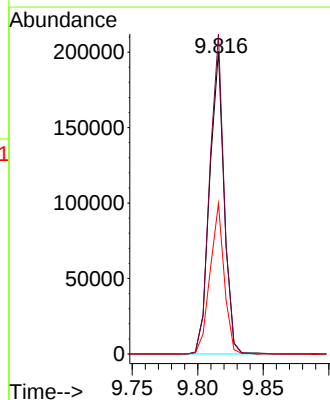
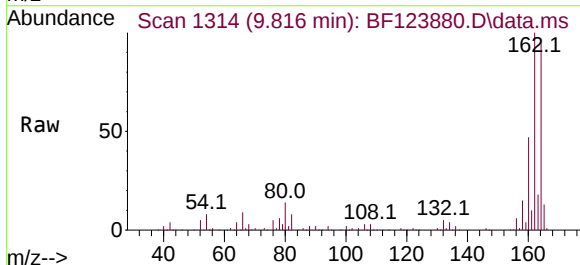
Instrument :
BNA_F
ClientSampleId :
MW-18

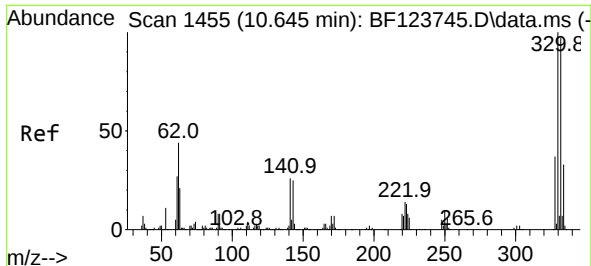
Tgt Ion: 82 Resp: 881876
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BF123880.D
Acq: 7 May 2021 22:37

Tgt Ion: 164 Resp: 154299
Ion Ratio Lower Upper
164 100
162 105.7 80.7 121.1
160 49.7 37.3 55.9

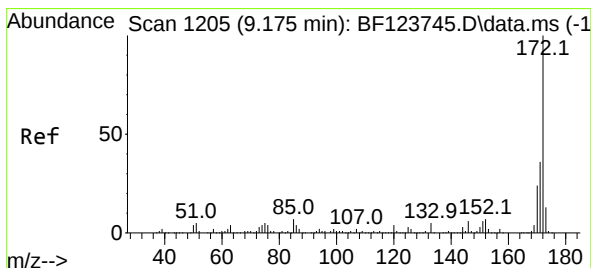
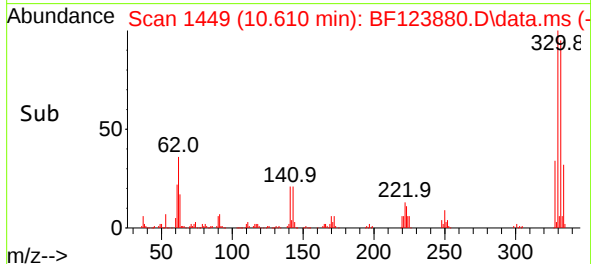
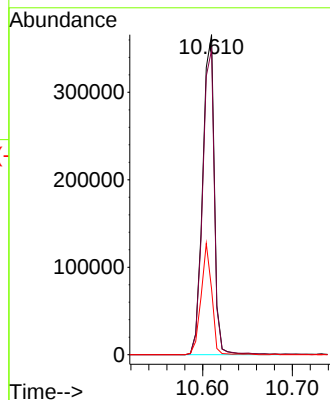
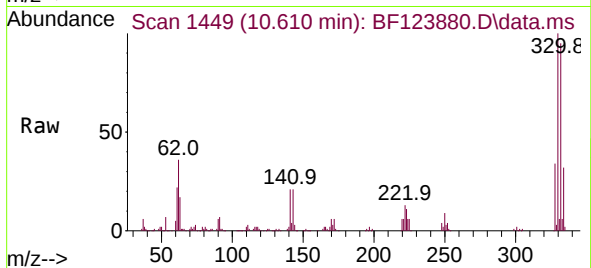




#42
2,4,6-Tribromophenol
Concen: 171.65 ng
RT: 10.610 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF123880.D
Acq: 7 May 2021 22:37

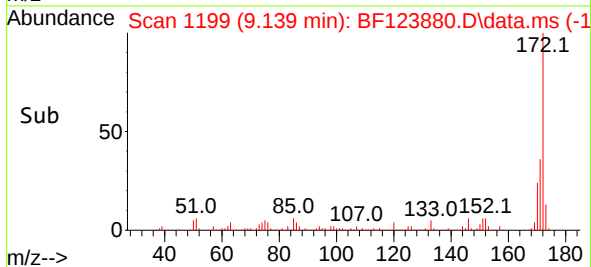
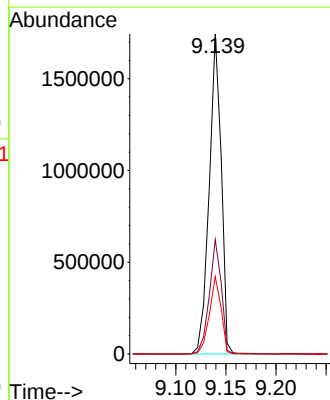
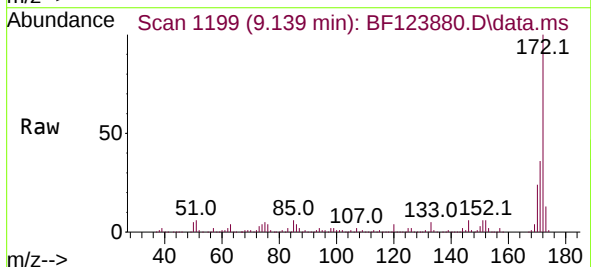
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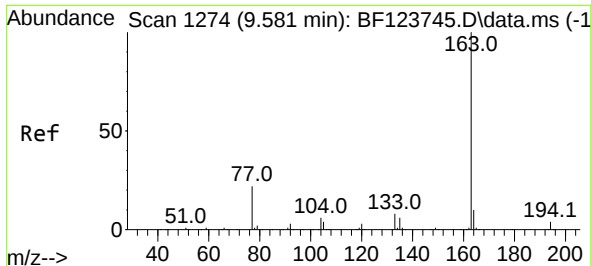
Tgt Ion:330 Resp: 329711
Ion Ratio Lower Upper
330 100
332 96.1 77.1 115.7
141 31.8 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 137.15 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF123880.D
Acq: 7 May 2021 22:37

Tgt Ion:172 Resp: 1453156
Ion Ratio Lower Upper
172 100
171 35.7 28.1 42.1
170 24.2 19.2 28.8

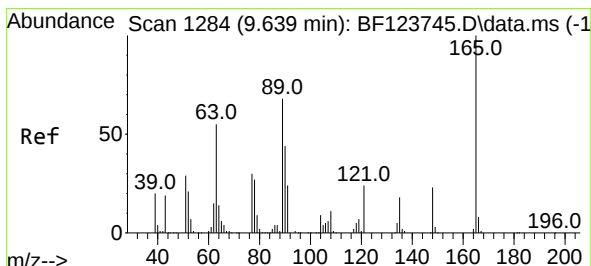
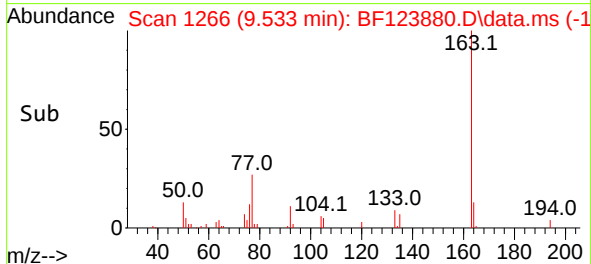
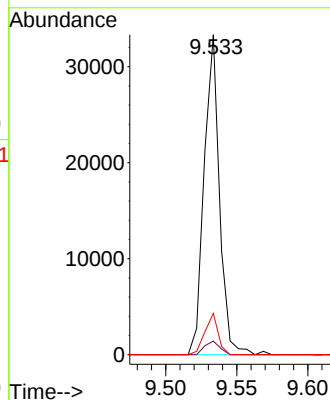
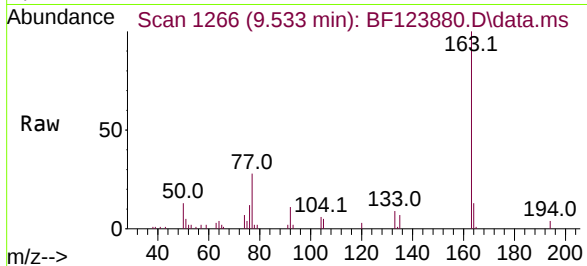




#50
Dimethylphthalate
Concen: 2.31 ng
RT: 9.533 min Scan# 1266
Delta R.T. -0.018 min
Lab File: BF123880.D
Acq: 7 May 2021 22:37

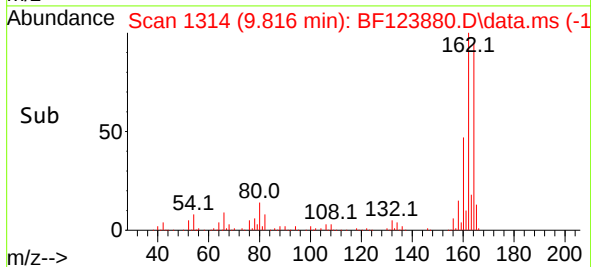
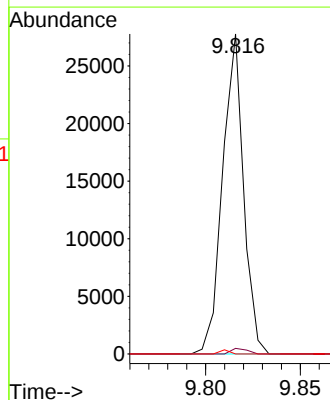
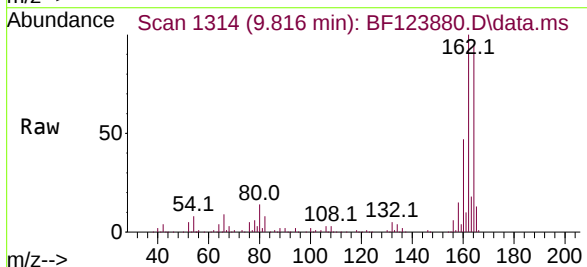
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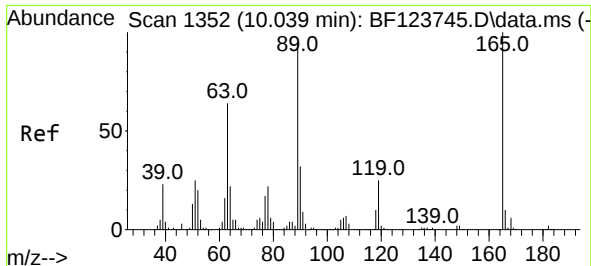
Tgt Ion:163 Resp: 25132
Ion Ratio Lower Upper
163 100
194 4.3 3.1 4.7
164 12.9 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.50 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.206 min
Lab File: BF123880.D
Acq: 7 May 2021 22:37

Tgt Ion:165 Resp: 21358
Ion Ratio Lower Upper
165 100
63 1.8 67.7 101.5#
89 0.0 58.8 88.2#

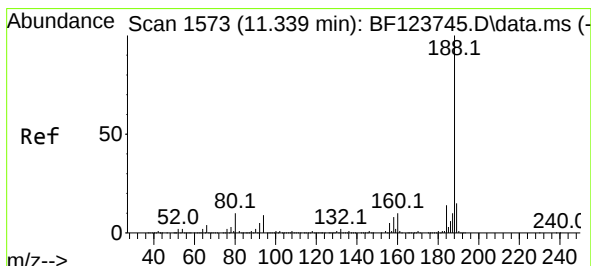
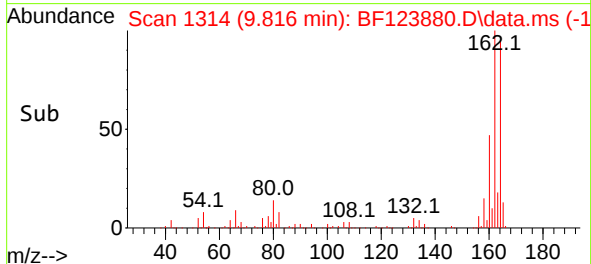
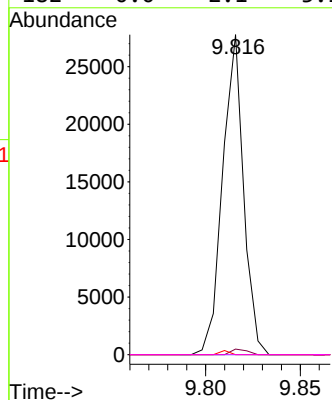
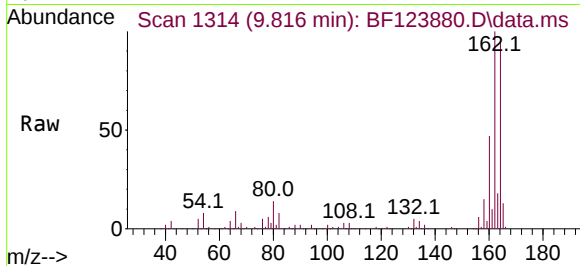




#57
2,4-Dinitrotoluene
Concen: 6.23 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.200 min
Lab File: BF123880.D
Acq: 7 May 2021 22:37

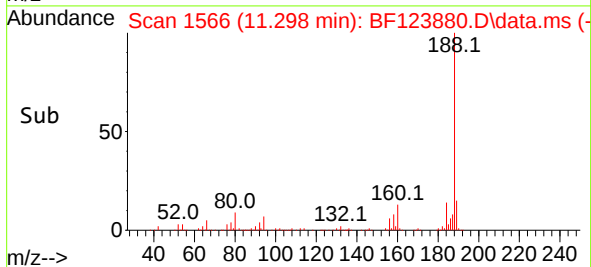
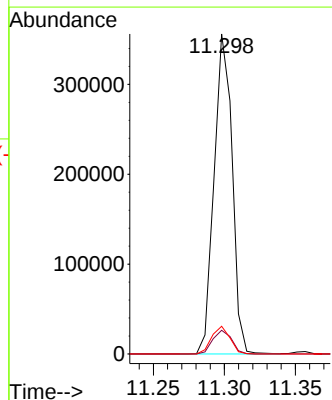
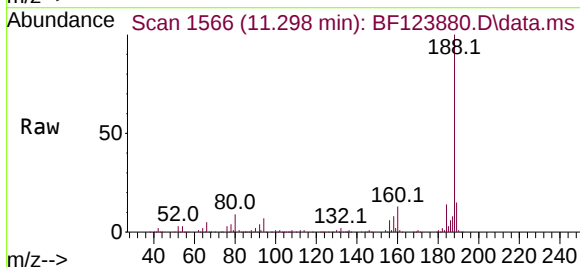
Instrument :
BNA_F
ClientSampled :
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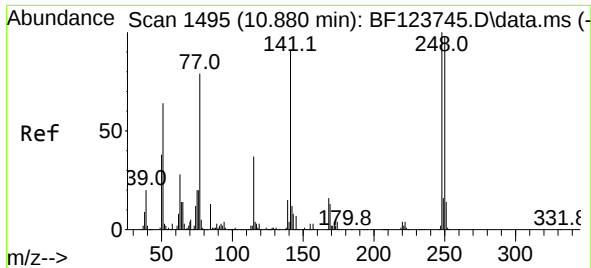
Tgt Ion:165 Resp: 21358
Ion Ratio Lower Upper
165 100
63 1.8 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.298 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF123880.D
Acq: 7 May 2021 22:37

Tgt Ion:188 Resp: 314885
Ion Ratio Lower Upper
188 100
94 7.4 6.9 10.3
80 8.7 8.2 12.2

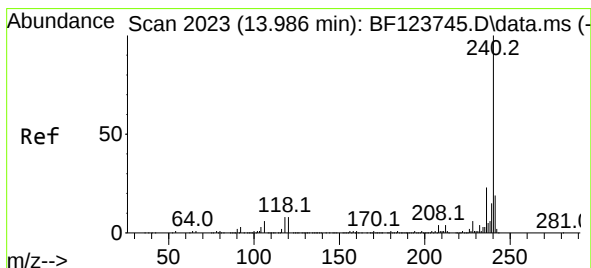
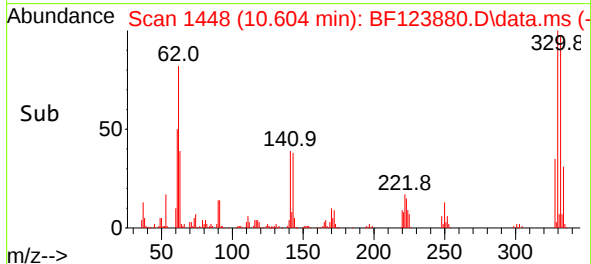
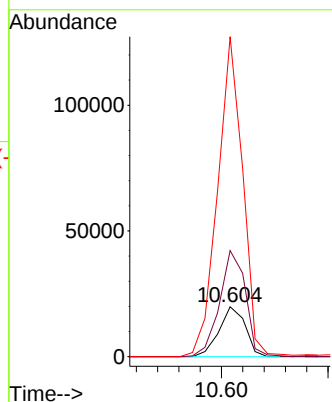
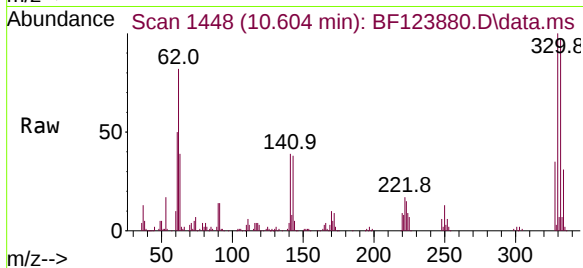




#67
4-Bromophenyl-phenylether
Concen: 5.13 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.247 min
Lab File: BF123880.D
Acq: 7 May 2021 22:37

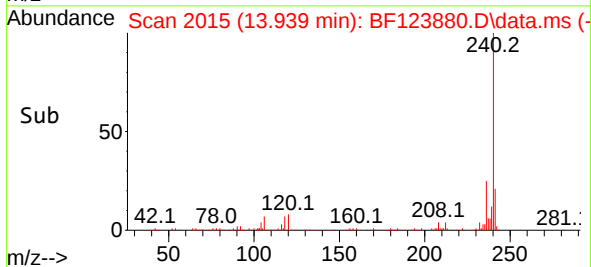
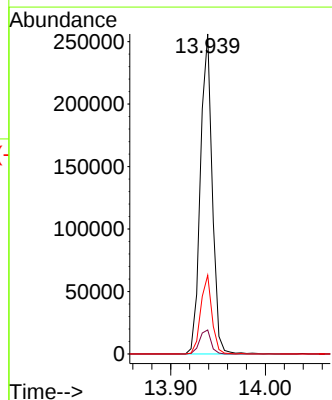
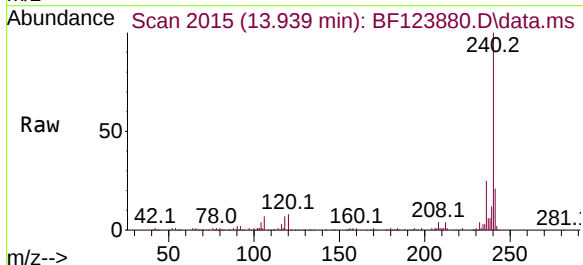
Instrument :
BNA_F
ClientSampled :
MW-18

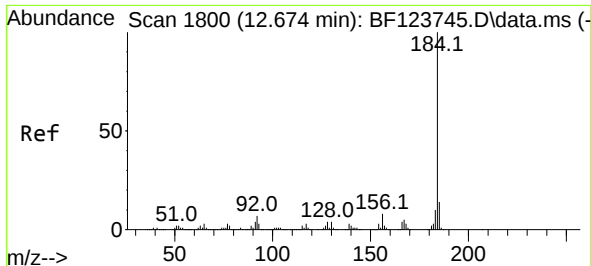
Tgt Ion:248 Resp: 17001
Ion Ratio Lower Upper
248 100
250 212.3 77.4 116.2#
141 640.5 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF123880.D
Acq: 7 May 2021 22:37

Tgt Ion:240 Resp: 222892
Ion Ratio Lower Upper
240 100
120 7.5 7.2 10.8
236 24.6 19.0 28.4

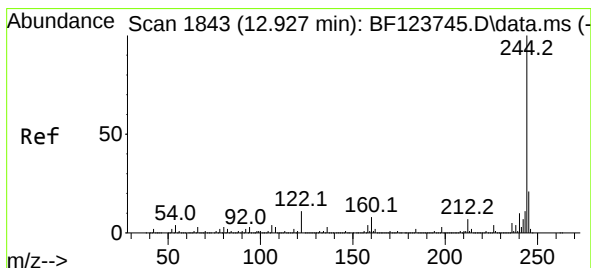
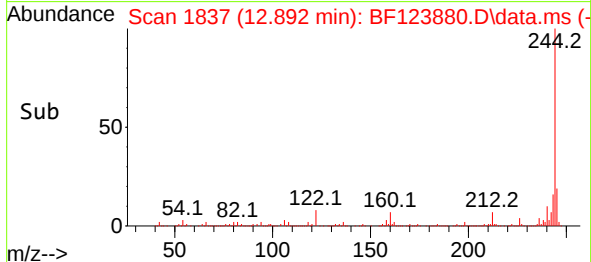
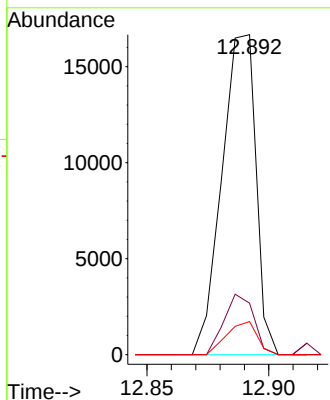
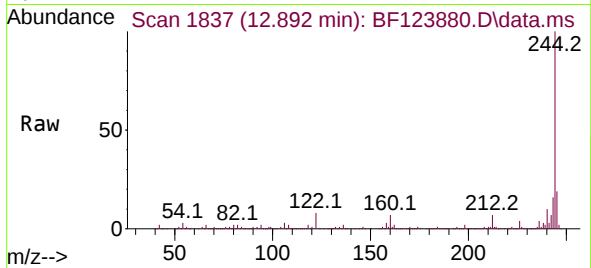




#77
Benzidine
Concen: 2.81 ng
RT: 12.892 min Scan# 1837
Delta R.T. 0.253 min
Lab File: BF123880.D
Acq: 7 May 2021 22:37

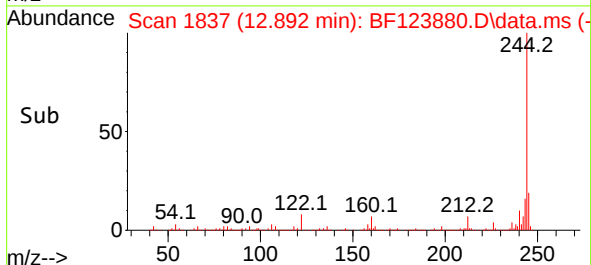
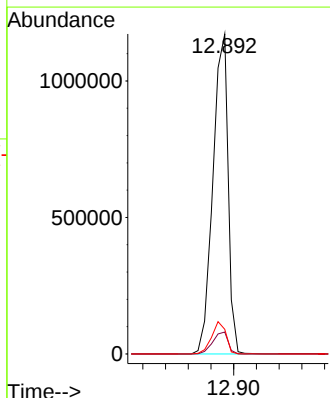
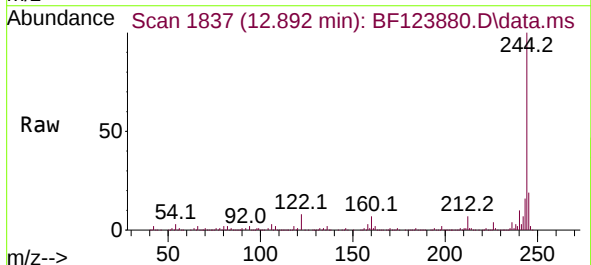
Instrument :
BNA_F
ClientSampled :
MW-18

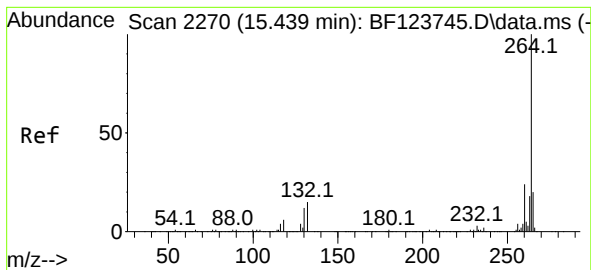
Tgt Ion:184 Resp: 16232
Ion Ratio Lower Upper
184 100
185 16.1 12.1 18.1
183 10.4 7.8 11.8



#79
Terphenyl-d14
Concen: 93.98 ng
RT: 12.892 min Scan# 1837
Delta R.T. 0.000 min
Lab File: BF123880.D
Acq: 7 May 2021 22:37

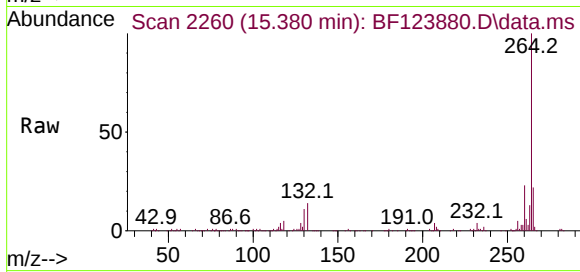
Tgt Ion:244 Resp: 1087819
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 7.7 9.7 14.5#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.380 min Scan# 2260
 Delta R.T. -0.006 min
 Lab File: BF123880.D
 Acq: 7 May 2021 22:37

Instrument :
 BNA_F
 ClientSampleId :
 MW-18



Tgt Ion:264 Resp: 285400

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	21.6	17.8	26.8

