

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030221\
 Data File : BF123346.D
 Acq On : 2 Mar 2021 20:28
 Operator : JU/CG
 Sample : M1528-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-CON

Quant Time: Mar 02 23:52:31 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 19 16:08:53 2021
 Response via : Initial Calibration

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

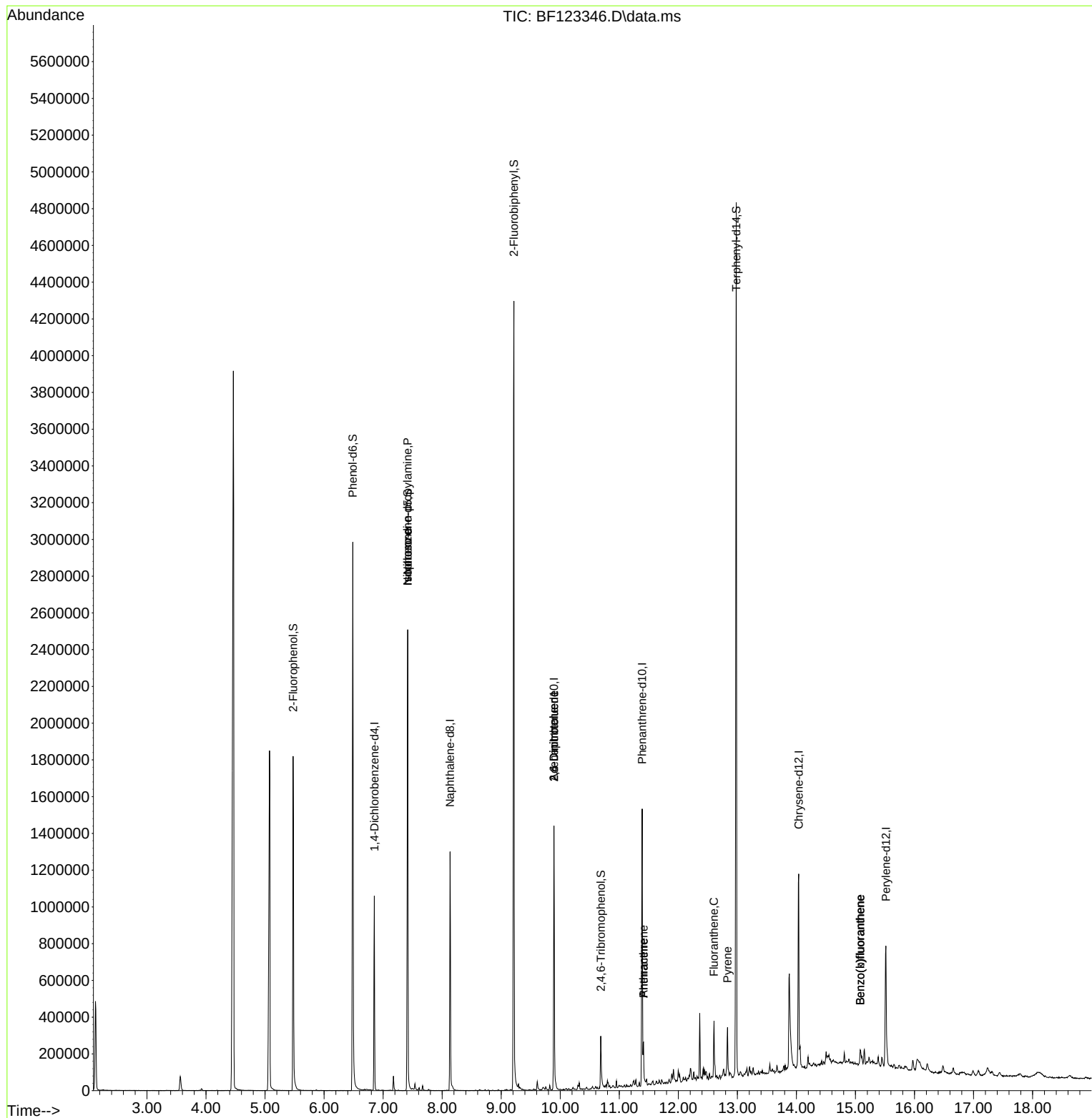
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	129754	20.00	ng	0.00
21) Naphthalene-d8	8.133	136	542874	20.00	ng	#-0.01
39) Acenaphthene-d10	9.892	164	281950	20.00	ng	-0.01
64) Phenanthrene-d10	11.386	188	520306	20.00	ng	0.00
76) Chrysene-d12	14.039	240	360938	20.00	ng	0.00
86) Perylene-d12	15.515	264	297002	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	476845	52.90	ng	0.00
7) Phenol-d6	6.486	99	1004372	82.01	ng	0.00
23) Nitrobenzene-d5	7.416	82	820679	69.20	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	33488	11.66	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	1331174	67.82	ng	0.00
79) Terphenyl-d14	12.980	244	1415871	75.43	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.486	77	1776	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.416	70	114074	15.66	ng	# 79
25) Isophorone	7.416	82	818182	36.89	ng	# 65
51) 2,6-Dinitrotoluene	9.892	165	35937	7.40	ng	# 32
57) 2,4-Dinitrotoluene	9.892	165	35938	5.50	ng	# 26
71) Phenanthrene	11.410	178	79080	2.57	ng	99
72) Anthracene	11.410	178	79080	2.58	ng	98
75) Fluoranthene	12.604	202	113984	3.50	ng	97
78) Pyrene	12.833	202	104169	3.70	ng	97
88) Benzo(b)fluoranthene	15.080	252	51373	2.46	ng	# 94
89) Benzo(k)fluoranthene	15.080	252	51373	2.72	ng	# 94

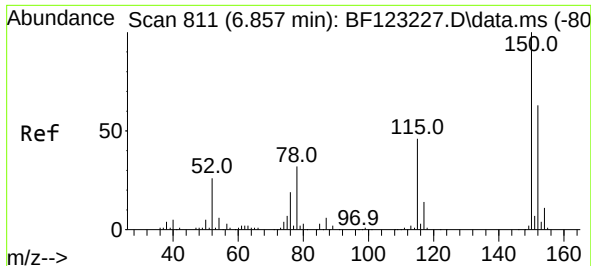
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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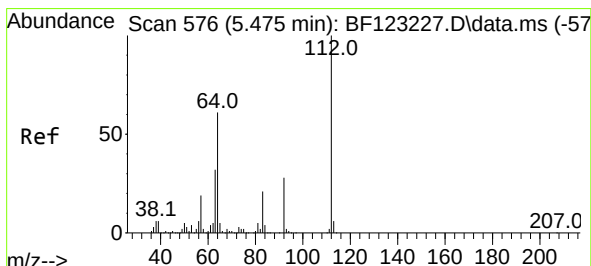
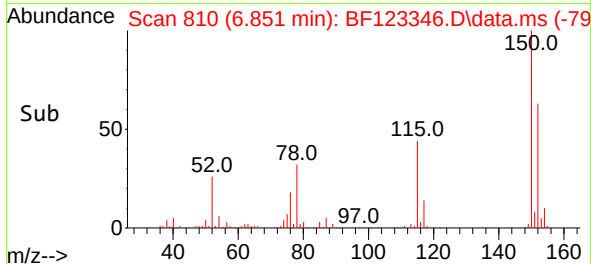
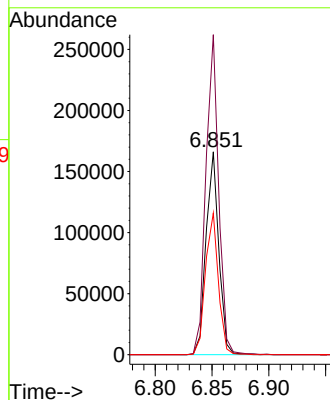
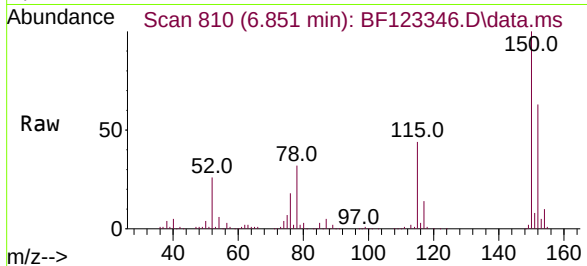




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.851 min Scan# 810
 Delta R.T. -0.006 min
 Lab File: BF123346.D
 Acq: 2 Mar 2021 20:28

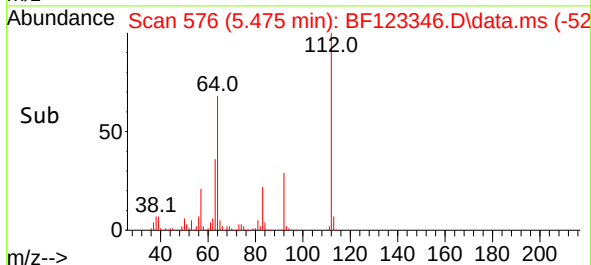
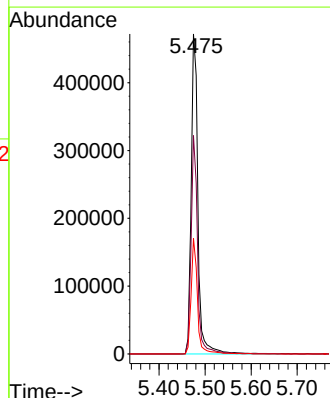
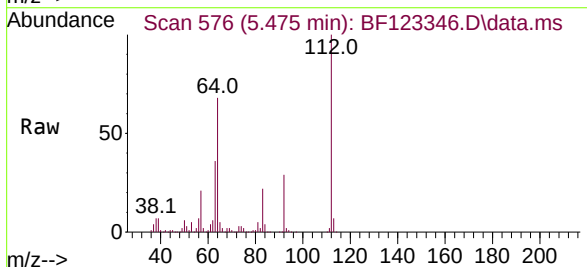
Instrument :
 BNA_F
 ClientSampleId :
 MW-CON

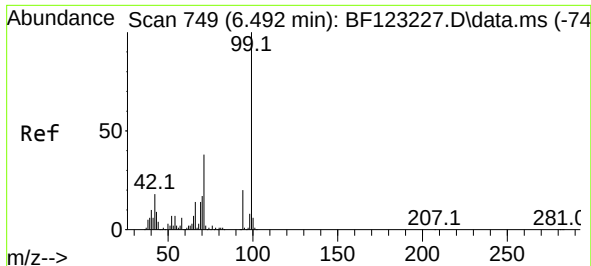
Tgt Ion:152 Resp: 129754
 Ion Ratio Lower Upper
 152 100
 150 157.7 125.8 188.6
 115 69.8 49.3 73.9



#5
 2-Fluorophenol
 Concen: 52.90 ng
 RT: 5.475 min Scan# 576
 Delta R.T. -0.000 min
 Lab File: BF123346.D
 Acq: 2 Mar 2021 20:28

Tgt Ion:112 Resp: 476845
 Ion Ratio Lower Upper
 112 100
 64 68.2 46.9 70.3
 63 36.1 24.5 36.7



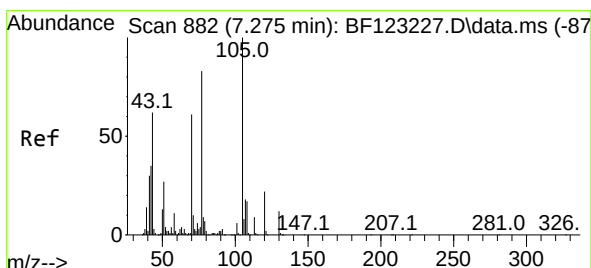
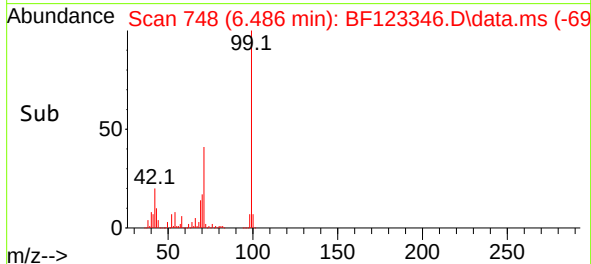
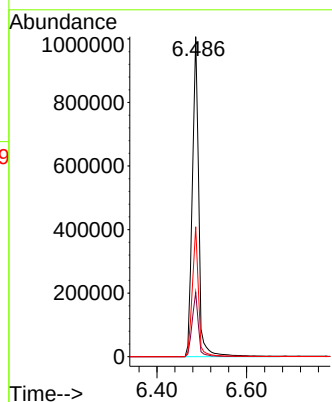
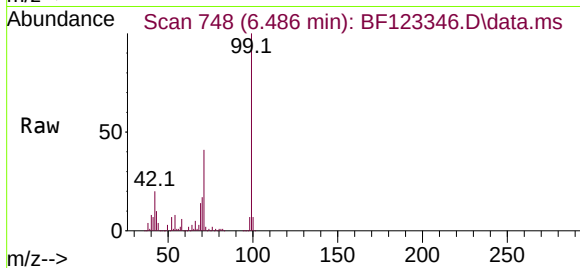


#7
Phenol-d6
Concen: 82.01 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF123346.D
Acq: 2 Mar 2021 20:28

Instrument :
BNA_F
ClientSampleId :
MW-CON

Tgt Ion: 99 Resp: 1004372

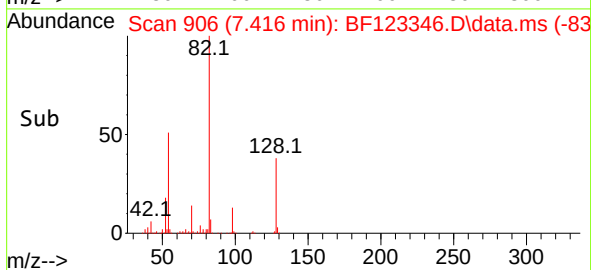
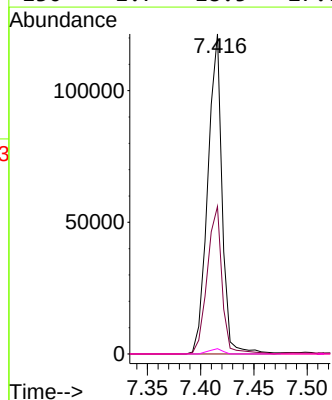
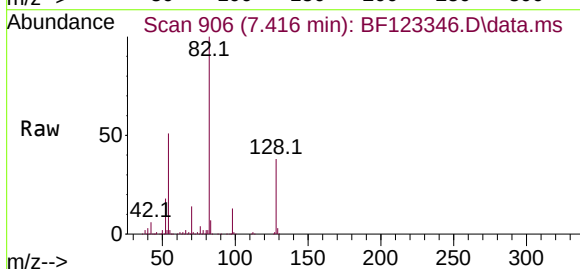
Ion	Ratio	Lower	Upper
99	100		
42	20.1	13.8	20.6
71	40.6	26.9	40.3#

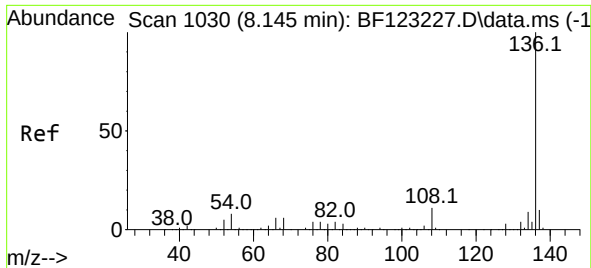


#19
n-Nitroso-di-n-propylamine
Concen: 15.66 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF123346.D
Acq: 2 Mar 2021 20:28

Tgt Ion: 70 Resp: 114074

Ion	Ratio	Lower	Upper
70	100		
42	46.1	43.0	64.4
101	0.0	7.9	11.9#
130	1.7	18.5	27.7#

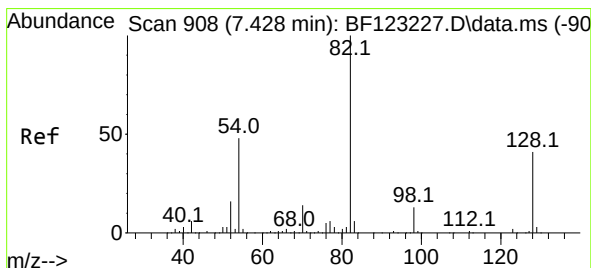
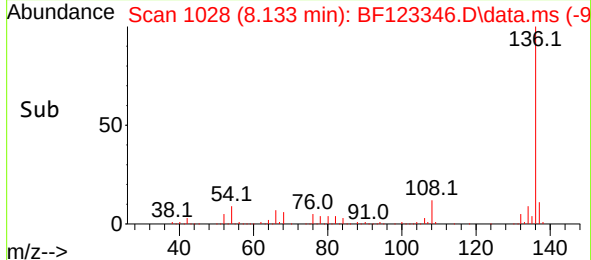
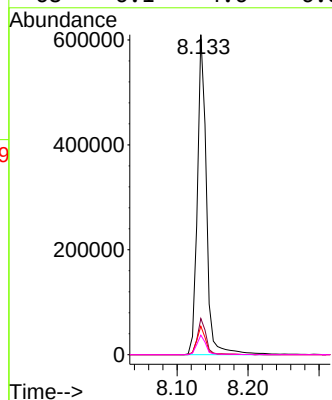
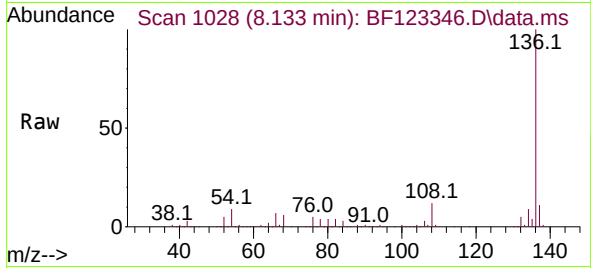




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF123346.D
Acq: 2 Mar 2021 20:28

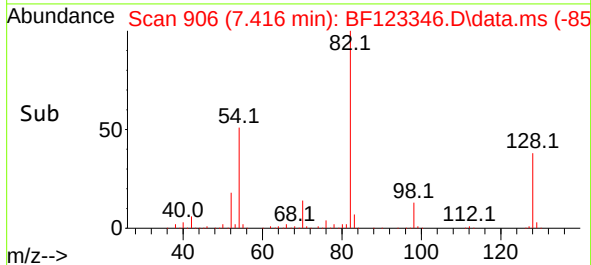
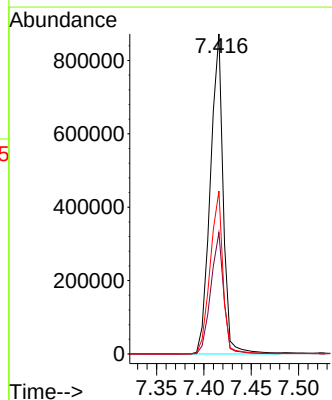
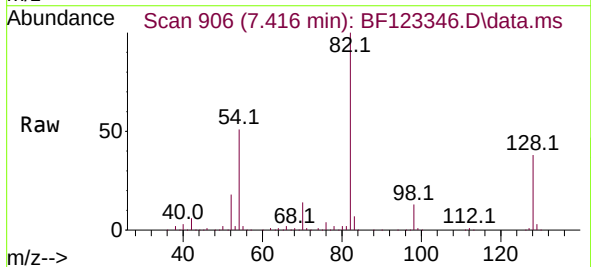
Instrument :
BNA_F
ClientSampleId :
MW-CON

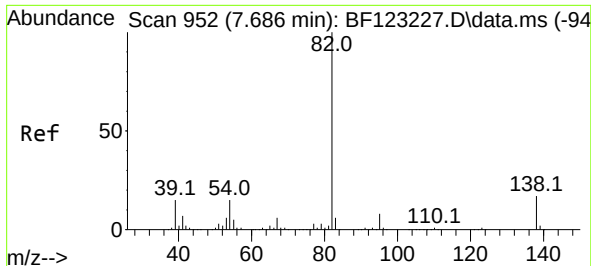
Tgt Ion:136	Resp: 542874
Ion Ratio	Lower Upper
136	100
137	11.3 8.8 13.2
54	8.9 5.5 8.3#
68	6.1 4.6 6.8



#23
Nitrobenzene-d5
Concen: 69.20 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF123346.D
Acq: 2 Mar 2021 20:28

Tgt Ion: 82	Resp: 820679
Ion Ratio	Lower Upper
82	100
128	38.0 37.0 55.4
54	50.9 38.4 57.6

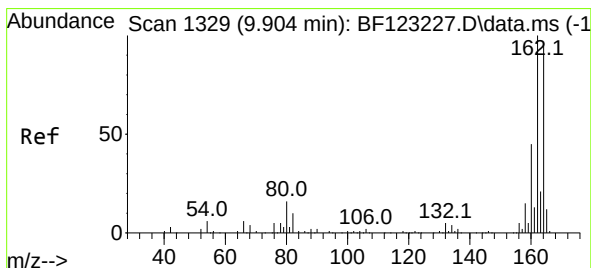
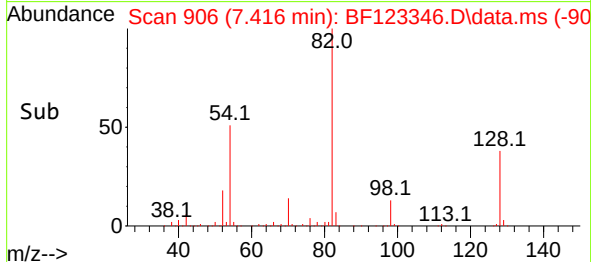
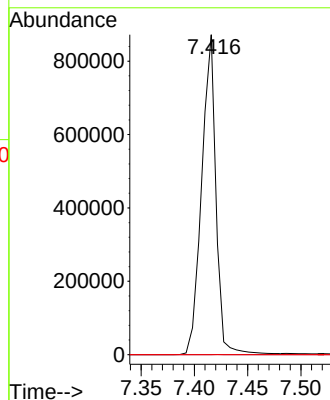
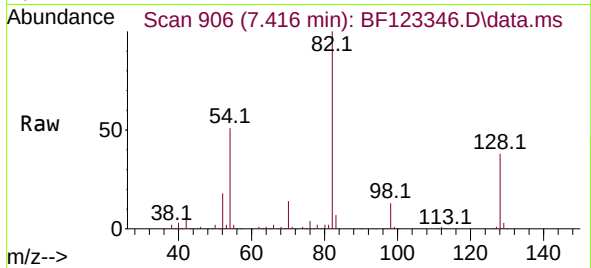




#25
Isophorone
Concen: 36.89 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.271 min
Lab File: BF123346.D
Acq: 2 Mar 2021 20:28

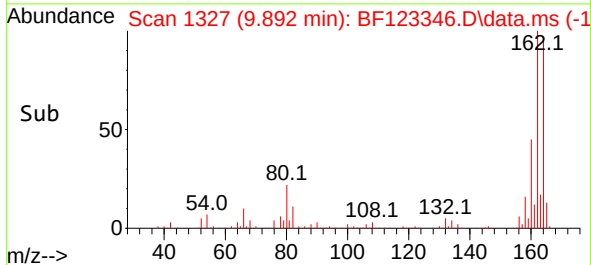
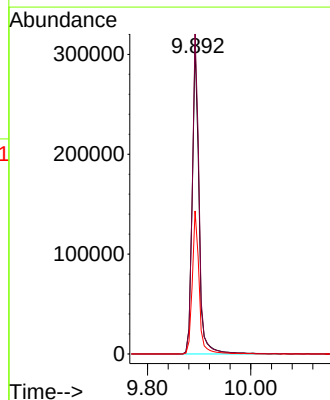
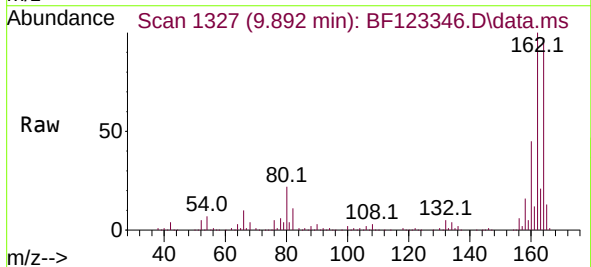
Instrument :
BNA_F
ClientSampleId :
MW-CON

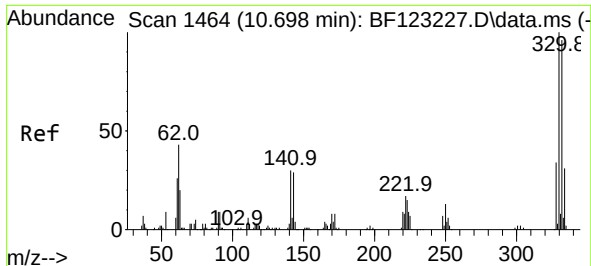
Tgt Ion: 82 Resp: 818182
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF123346.D
Acq: 2 Mar 2021 20:28

Tgt Ion: 164 Resp: 281950
Ion Ratio Lower Upper
164 100
162 103.4 80.8 121.2
160 46.2 35.4 53.0

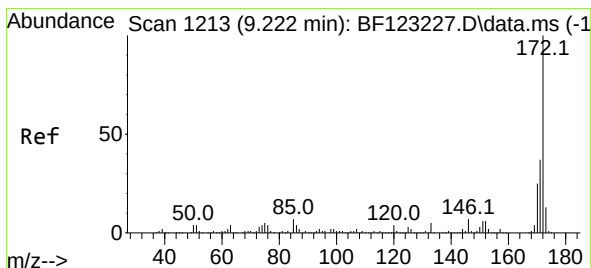
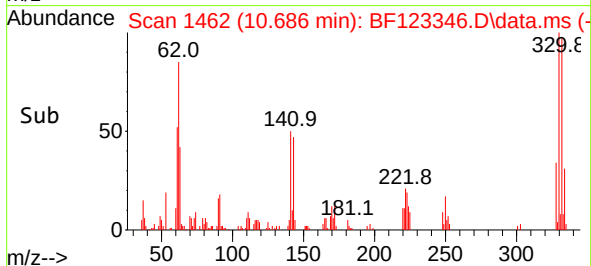
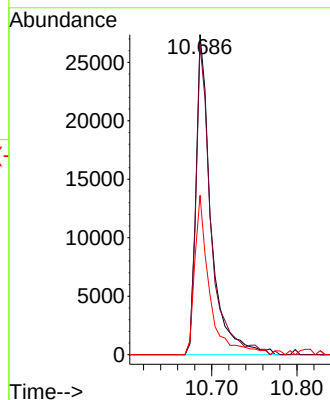
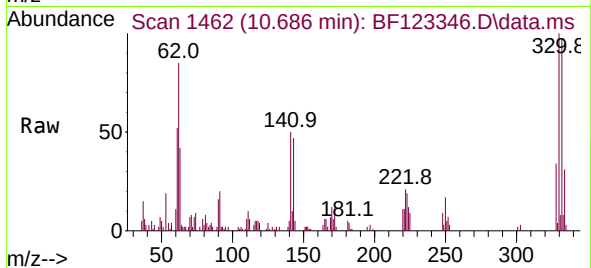




#42
2,4,6-Tribromophenol
Concen: 11.66 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF123346.D
Acq: 2 Mar 2021 20:28

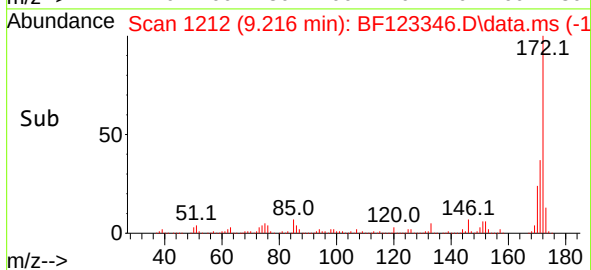
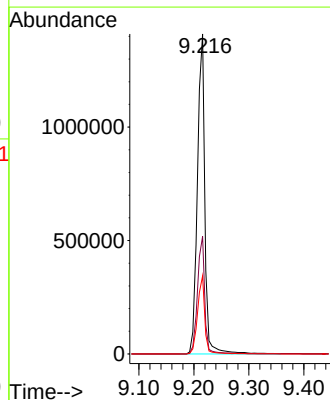
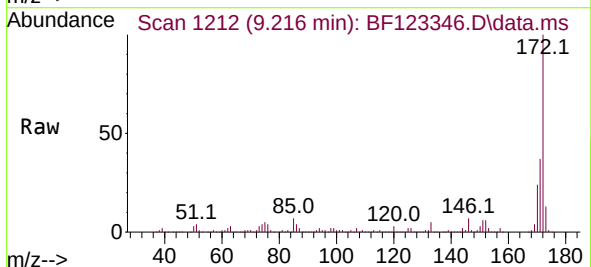
Instrument :
BNA_F
ClientSampleId :
MW-CON

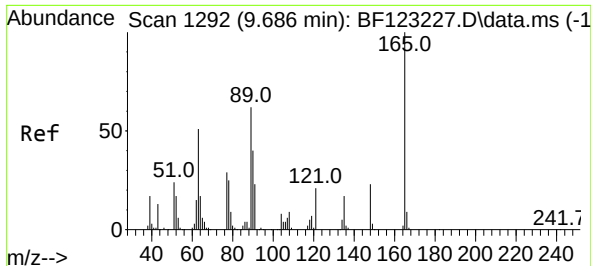
Tgt Ion: 330 Resp: 33488
Ion Ratio Lower Upper
330 100
332 97.9 77.5 116.3
141 49.3 23.8 35.8#



#45
2-Fluorobiphenyl
Concen: 67.82 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF123346.D
Acq: 2 Mar 2021 20:28

Tgt Ion: 172 Resp: 1331174
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 24.4 19.5 29.3

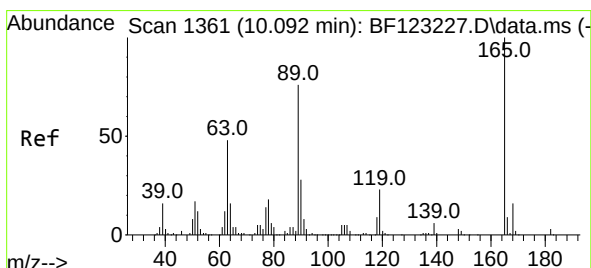
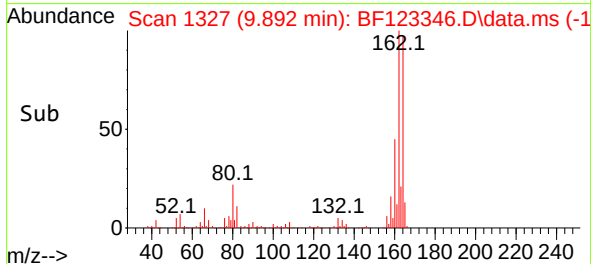
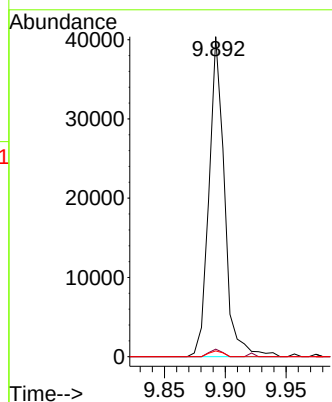
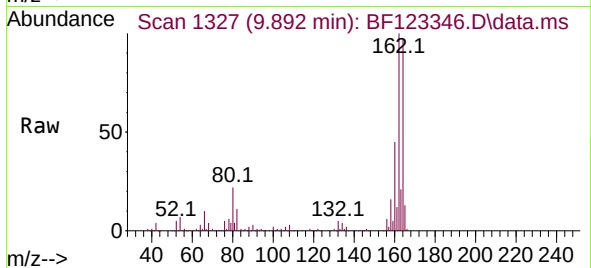




#51
2,6-Dinitrotoluene
Concen: 7.40 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.206 min
Lab File: BF123346.D
Acq: 2 Mar 2021 20:28

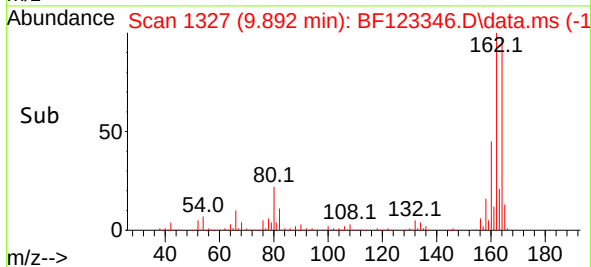
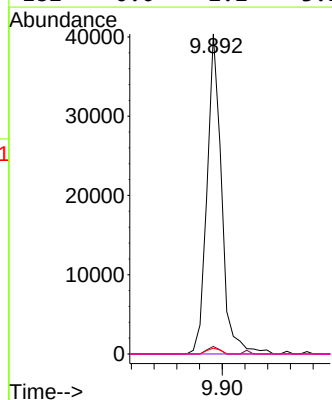
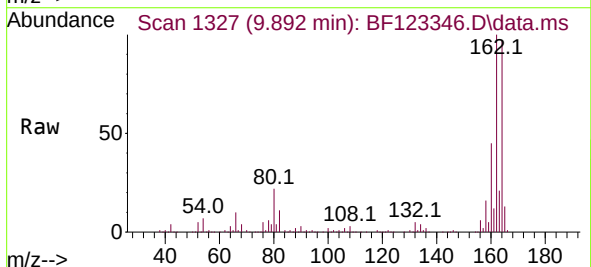
Instrument :
BNA_F
ClientSampled :
MW-CON

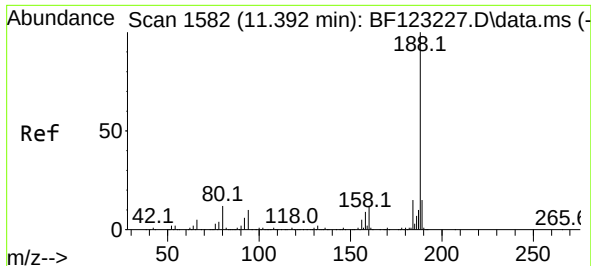
Tgt Ion:165 Resp: 35937
Ion Ratio Lower Upper
165 100
63 2.4 36.6 55.0#
89 1.8 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.50 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF123346.D
Acq: 2 Mar 2021 20:28

Tgt Ion:165 Resp: 35938
Ion Ratio Lower Upper
165 100
63 2.4 34.3 51.5#
89 1.8 55.2 82.8#
182 0.0 2.2 3.2#

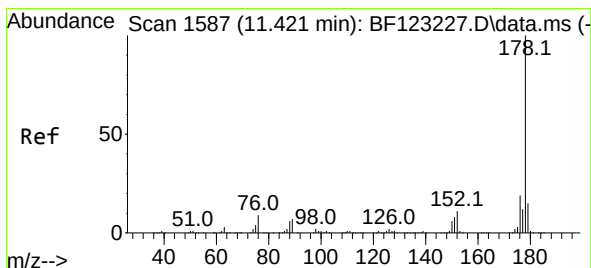
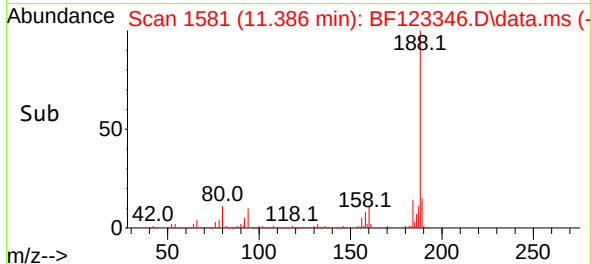
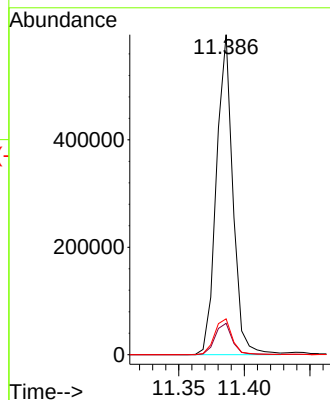
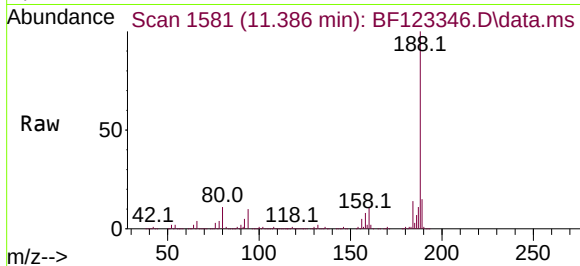




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF123346.D
Acq: 2 Mar 2021 20:28

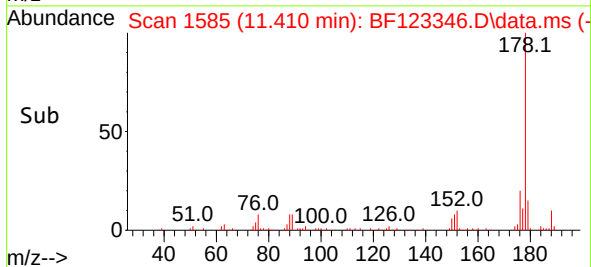
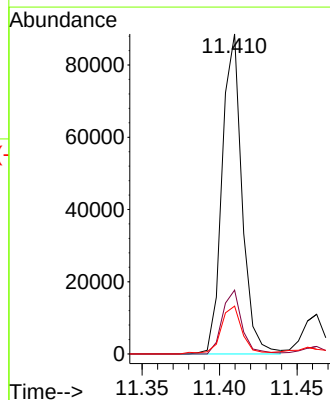
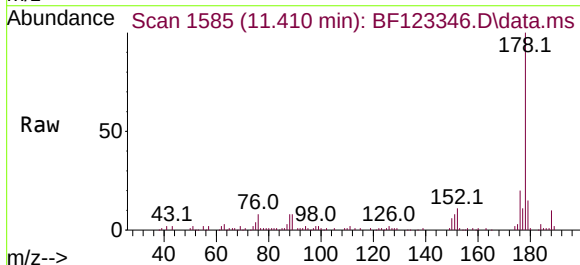
Instrument :
BNA_F
ClientSampleId :
MW-CON

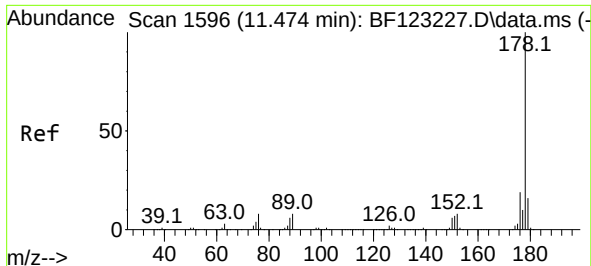
Tgt Ion:188 Resp: 520306
Ion Ratio Lower Upper
188 100
94 9.8 7.4 11.2
80 11.2 8.2 12.4



#71
Phenanthrene
Concen: 2.57 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.012 min
Lab File: BF123346.D
Acq: 2 Mar 2021 20:28

Tgt Ion:178 Resp: 79080
Ion Ratio Lower Upper
178 100
176 19.9 16.2 24.2
179 15.0 12.7 19.1

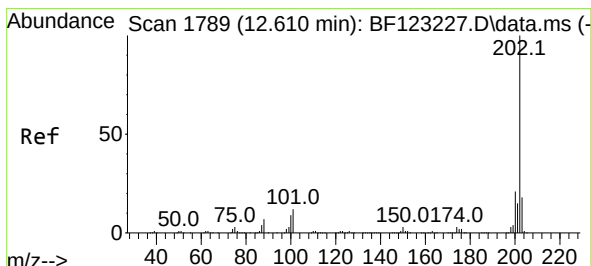
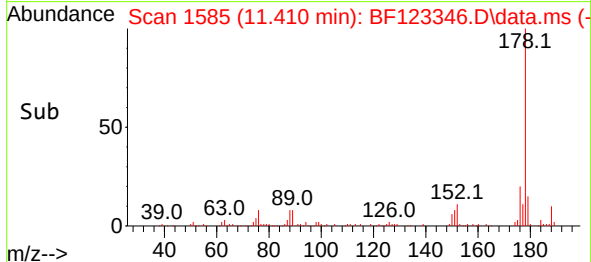
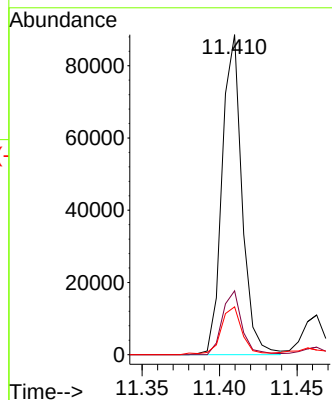
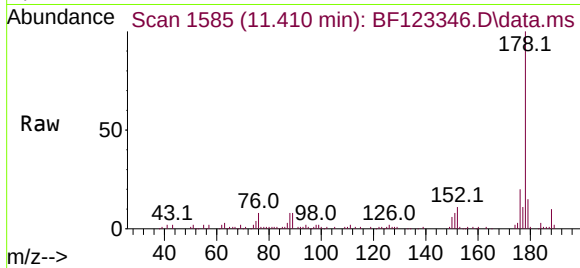




#72
 Anthracene
 Concen: 2.58 ng
 RT: 11.410 min Scan# 1585
 Delta R.T. -0.065 min
 Lab File: BF123346.D
 Acq: 2 Mar 2021 20:28

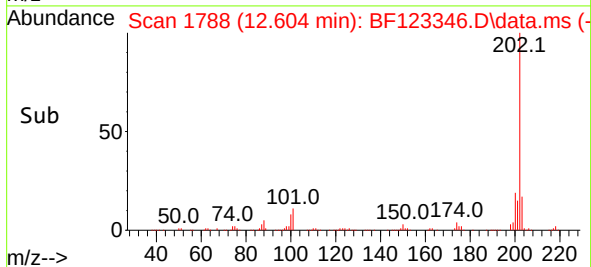
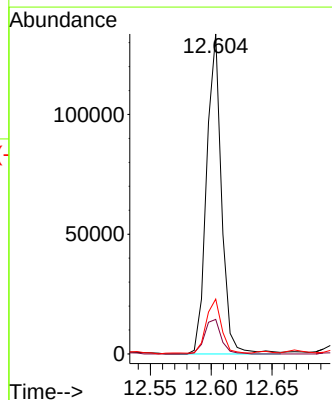
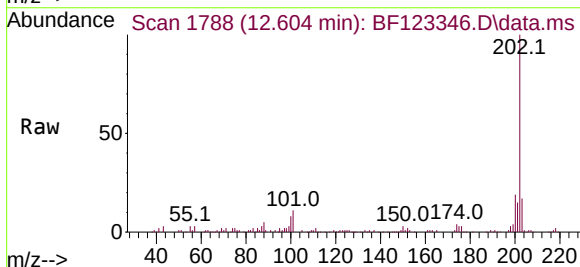
Instrument :
 BNA_F
 ClientSampled :
 MW-CON

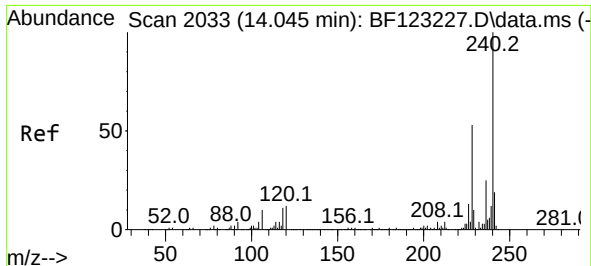
Tgt Ion:178 Resp: 79080
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.6 23.4
 179 15.0 12.8 19.2



#75
 Fluoranthene
 Concen: 3.50 ng
 RT: 12.604 min Scan# 1788
 Delta R.T. -0.006 min
 Lab File: BF123346.D
 Acq: 2 Mar 2021 20:28

Tgt Ion:202 Resp: 113984
 Ion Ratio Lower Upper
 202 100
 101 10.8 0.0 32.2
 203 17.2 0.0 38.1

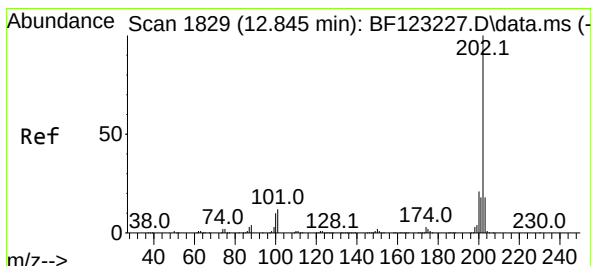
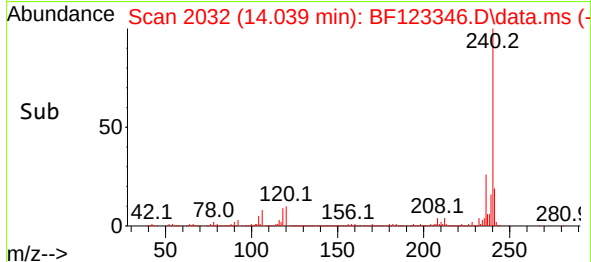
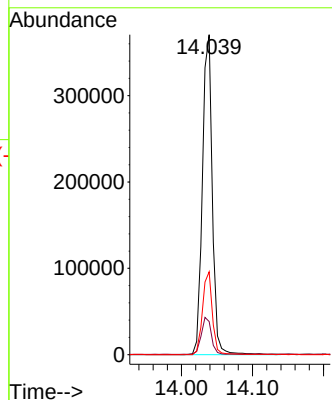
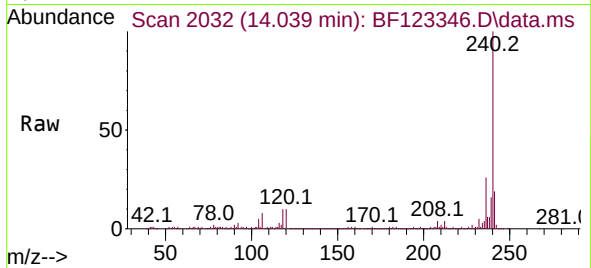




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF123346.D
Acq: 2 Mar 2021 20:28

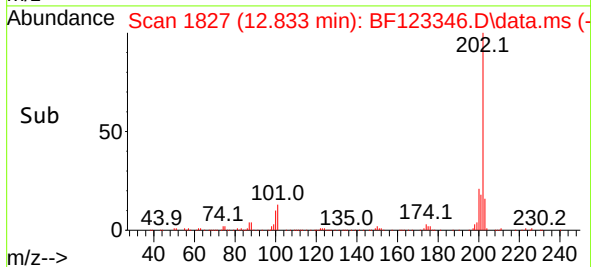
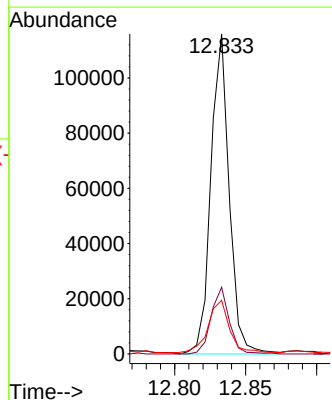
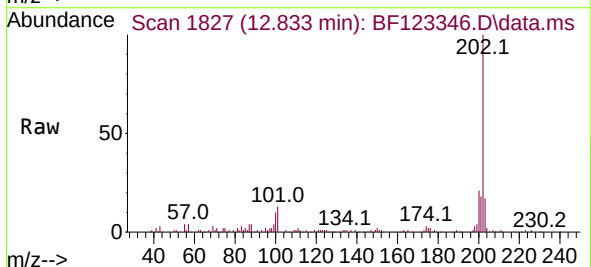
Instrument :
BNA_F
ClientSampleId :
MW-CON

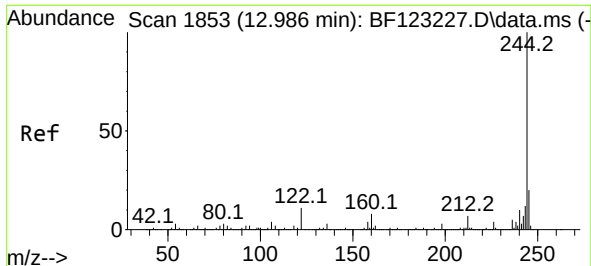
Tgt Ion:240 Resp: 360938
Ion Ratio Lower Upper
240 100
120 10.4 8.6 12.8
236 25.9 20.3 30.5



#78
Pyrene
Concen: 3.70 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.012 min
Lab File: BF123346.D
Acq: 2 Mar 2021 20:28

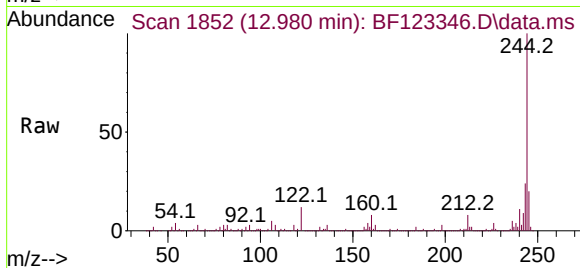
Tgt Ion:202 Resp: 104169
Ion Ratio Lower Upper
202 100
200 20.9 17.6 26.4
203 16.7 14.6 21.8





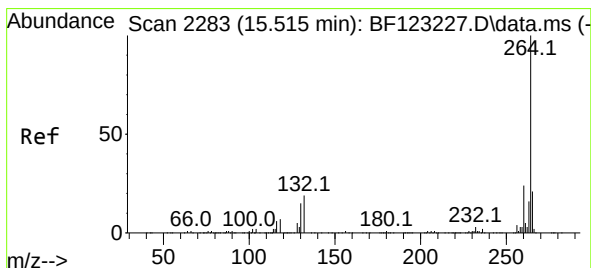
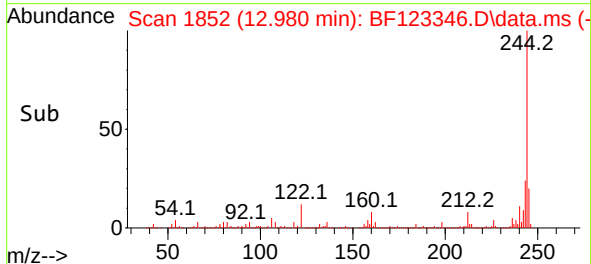
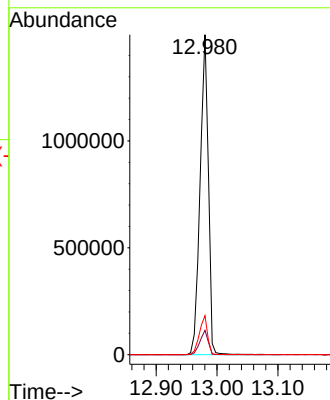
#79
 Terphenyl-d14
 Concen: 75.43 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF123346.D
 Acq: 2 Mar 2021 20:28

Instrument :
 BNA_F
 ClientSampleId :
 MW-CON



Tgt Ion:244 Resp: 1415871

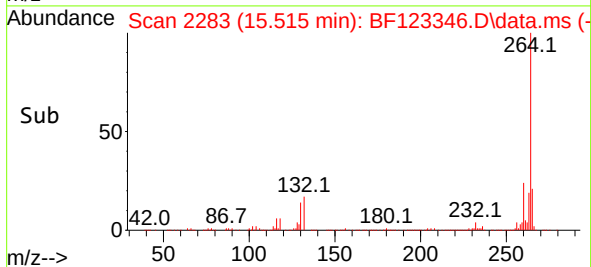
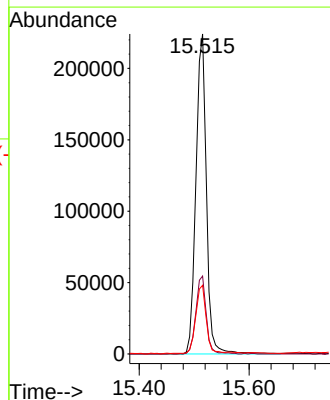
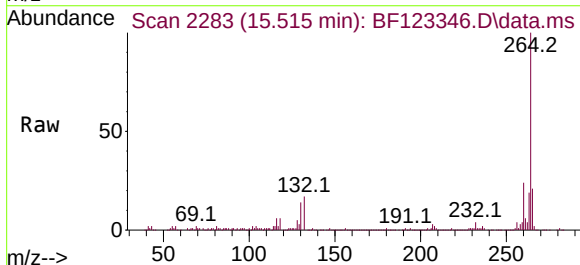
Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.7	8.5
122	12.2	8.3	12.5

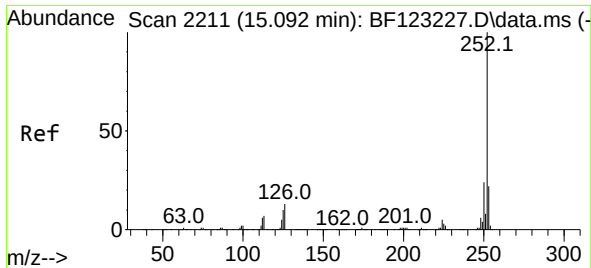


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. -0.000 min
 Lab File: BF123346.D
 Acq: 2 Mar 2021 20:28

Tgt Ion:264 Resp: 297002

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.6	28.0
265	21.5	17.0	25.6

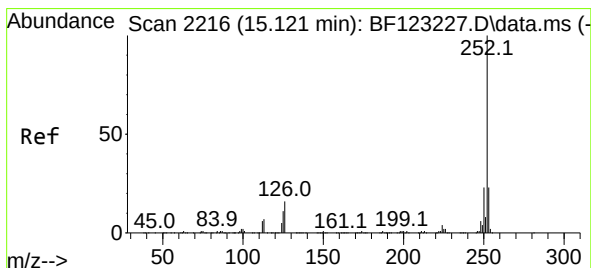
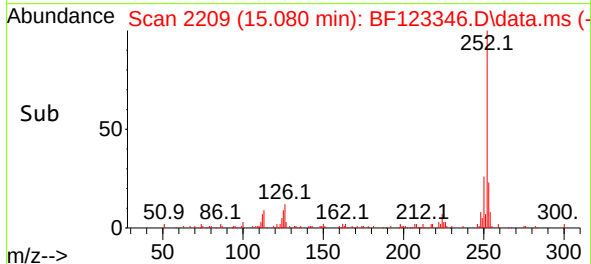
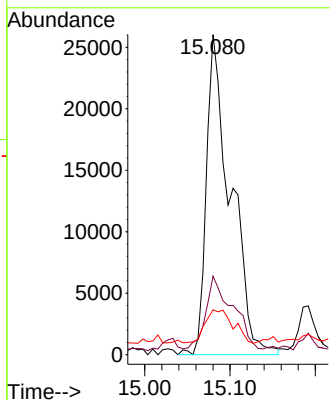
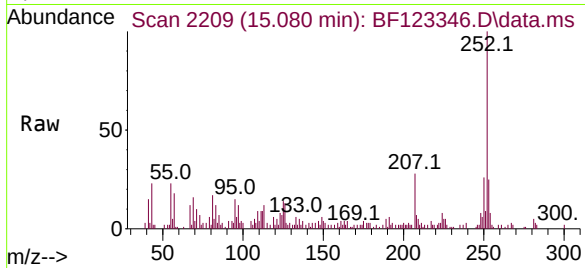




#88
Benzo(b)fluoranthene
Concen: 2.46 ng
RT: 15.080 min Scan# 2209
Delta R.T. -0.012 min
Lab File: BF123346.D
Acq: 2 Mar 2021 20:28

Instrument :
BNA_F
ClientSampleId :
MW-CON

Tgt Ion:252 Resp: 51373
Ion Ratio Lower Upper
252 100
253 24.5 18.3 27.5
125 14.0 8.1 12.1#



#89
Benzo(k)fluoranthene
Concen: 2.72 ng
RT: 15.080 min Scan# 2209
Delta R.T. -0.041 min
Lab File: BF123346.D
Acq: 2 Mar 2021 20:28

Tgt Ion:252 Resp: 51373
Ion Ratio Lower Upper
252 100
253 24.5 17.8 26.8
125 14.0 8.4 12.6#

