

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)

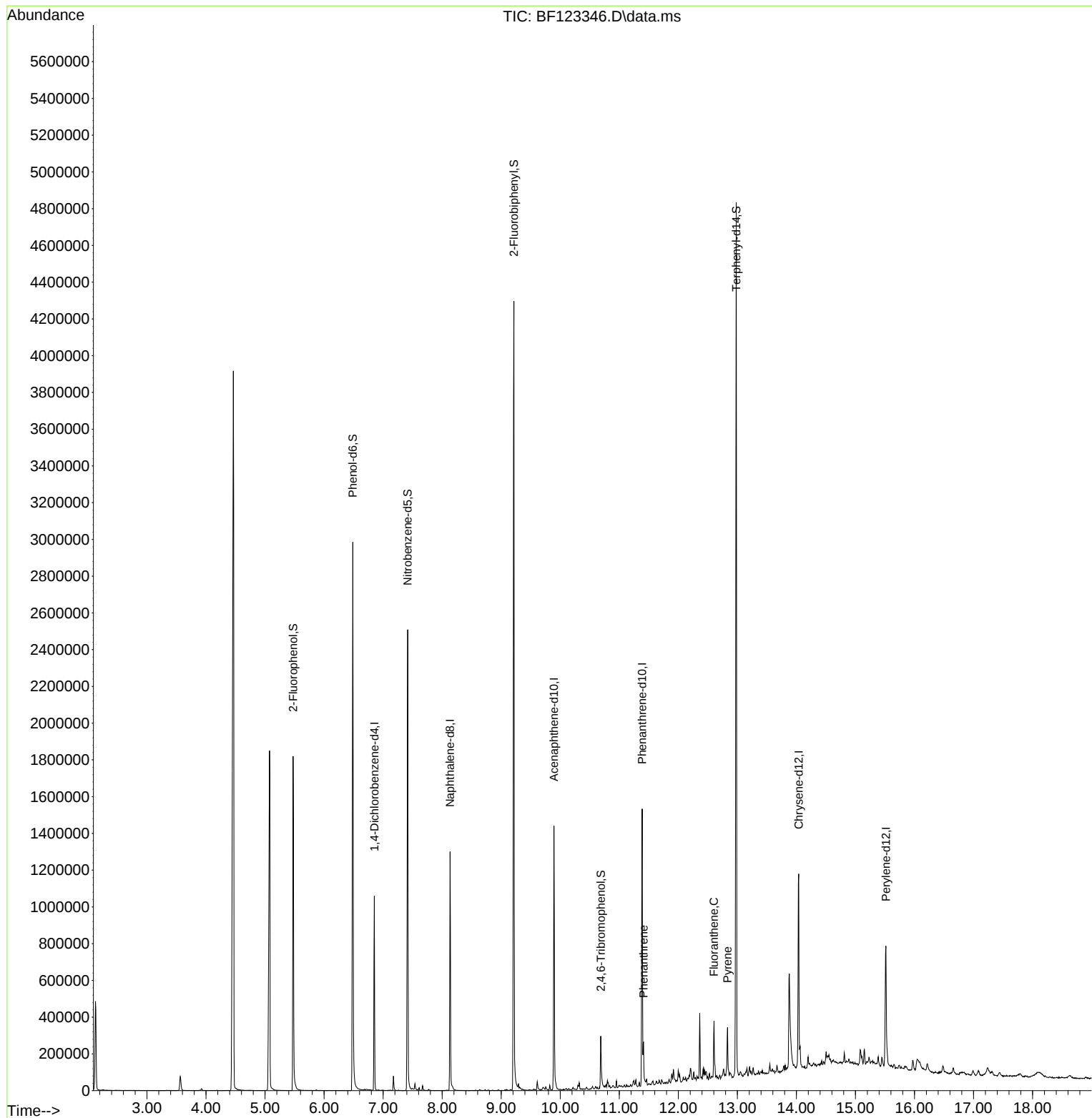
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	129754	20.00	ng	0.00
21) Naphthalene-d8	8.133	136	542874	20.00	ng	#-0.01
39) Acenaphthene-d10	9.892	164	281950	20.00	ng	-0.01
64) Phenanthrene-d10	11.386	188	520306	20.00	ng	0.00
76) Chrysene-d12	14.039	240	360938	20.00	ng	0.00
86) Perylene-d12	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						
71) Phenanthrene	11.410	178	79080	2.57	ng	99
75) Fluoranthene	12.604	202	113984	3.50	ng	97
78) Pyrene	12.833	202	104169	3.70	ng	97

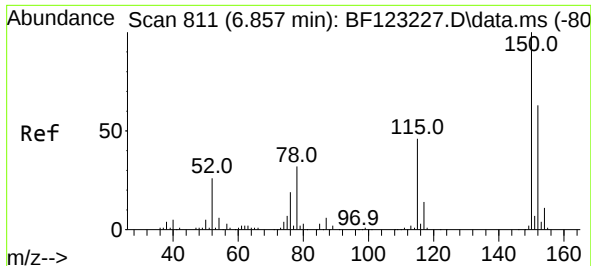
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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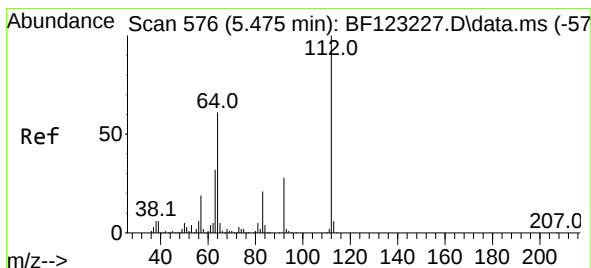
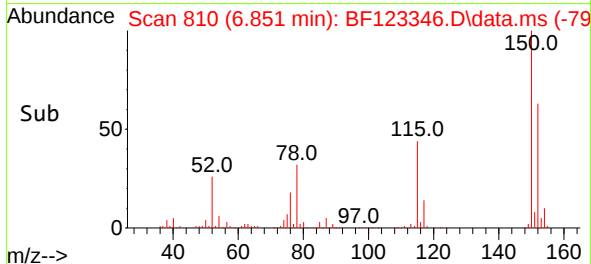
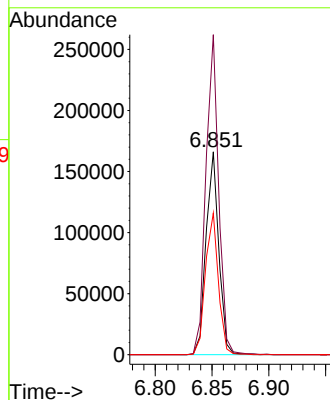
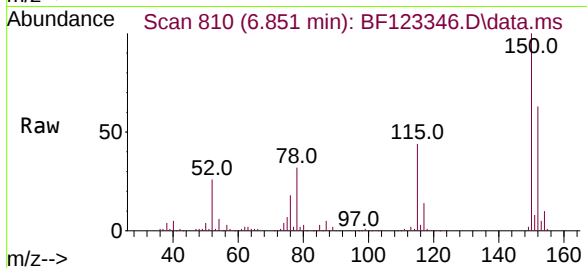




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.851 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF123346.D
Acq: 2 Mar 2021 20:28

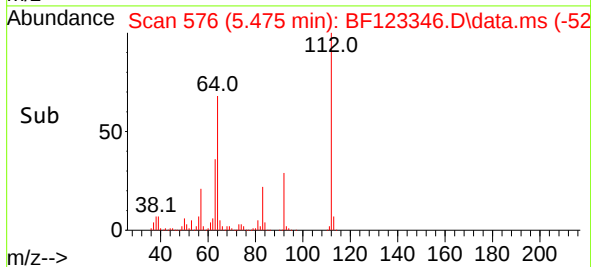
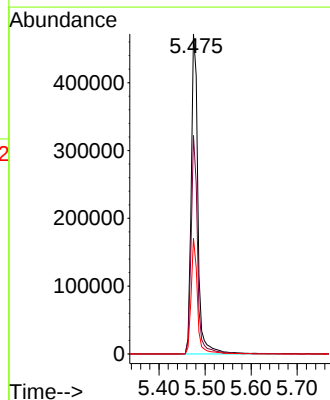
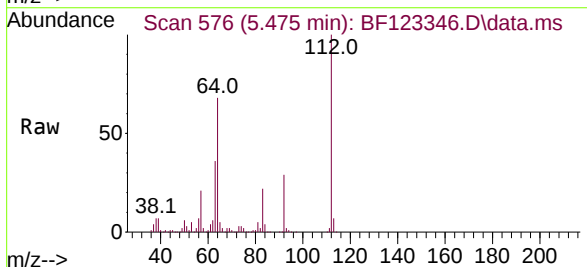
Instrument :
BNA_F
ClientSampleId :
MW-CON

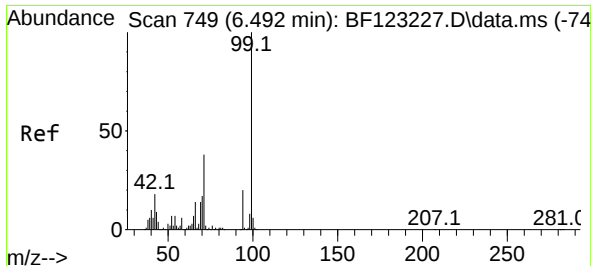
Tgt Ion:152 Resp: 129754
Ion Ratio Lower Upper
152 100
150 157.7 125.8 188.6
115 69.8 49.3 73.9



#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

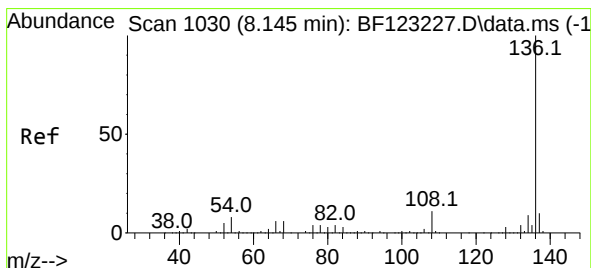
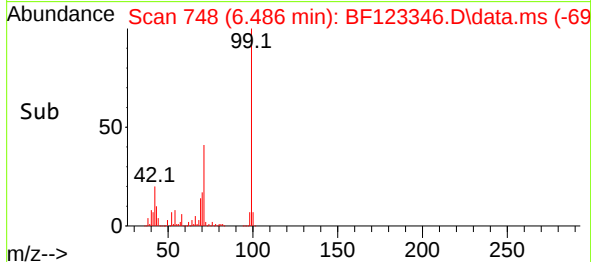
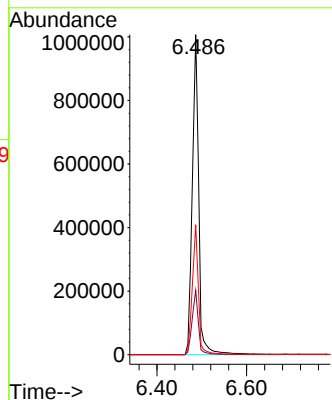
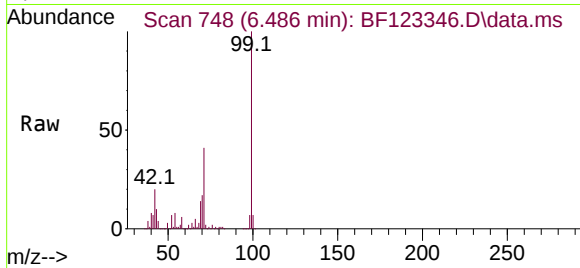




#7
Phenol-d6
Concen: 82.01 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF123346.D
Acq: 2 Mar 2021 20:28

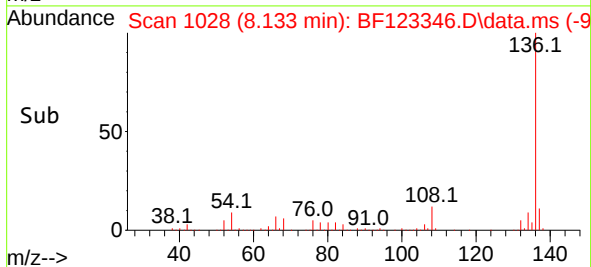
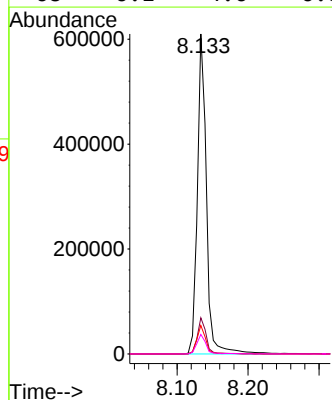
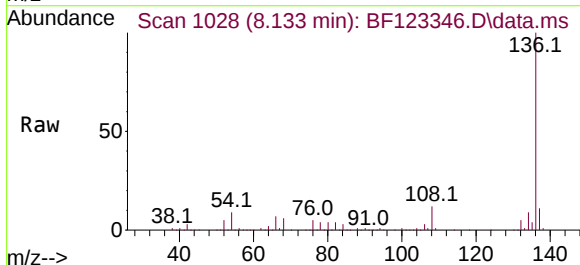
Instrument :
BNA_F
ClientSampleId :
MW-CON

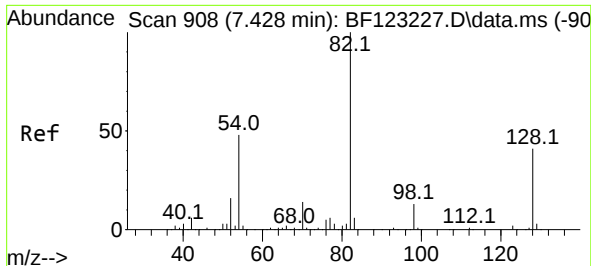
Tgt Ion: 99 Resp: 1004372
Ion Ratio Lower Upper
99 100
42 20.1 13.8 20.6
71 40.6 26.9 40.3#



#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

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

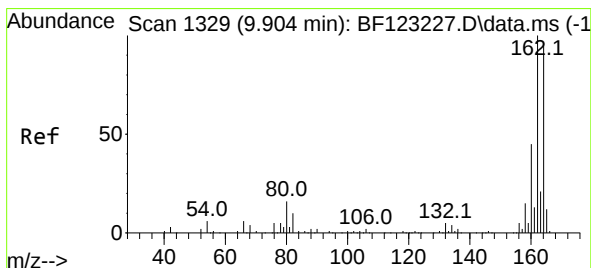
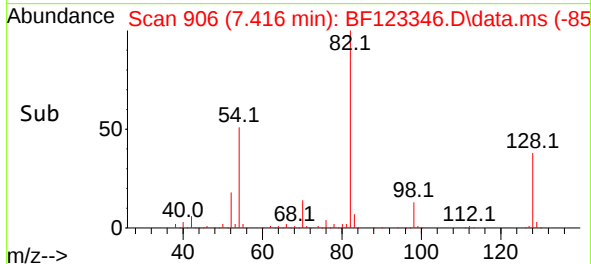
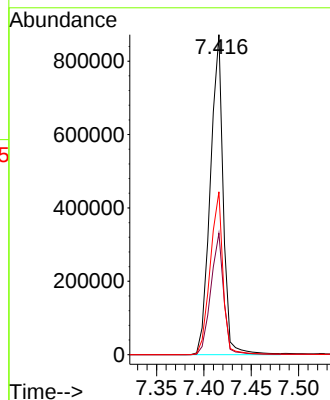
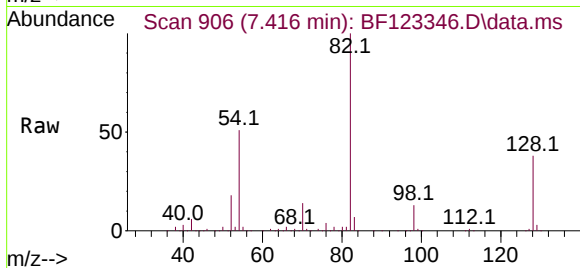
Ion	Ratio	Lower	Upper
82	100		
128	38.0	37.0	55.4
54	50.9	38.4	57.6

Instrument :

BNA_F

ClientSampleId :

MW-CON



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.892 min Scan# 1327

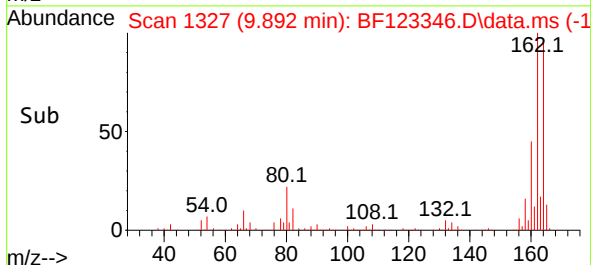
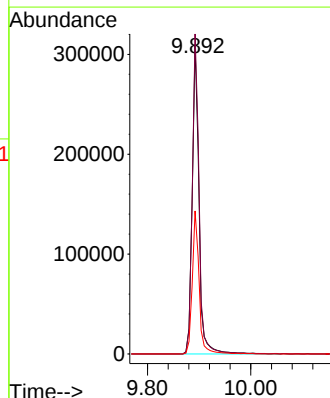
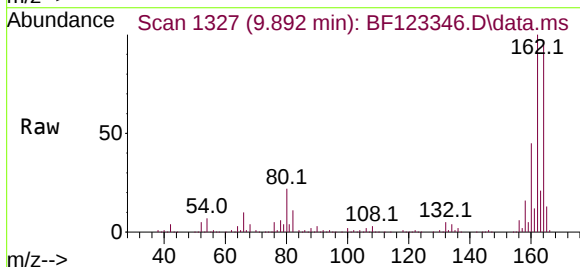
Delta R.T. -0.012 min

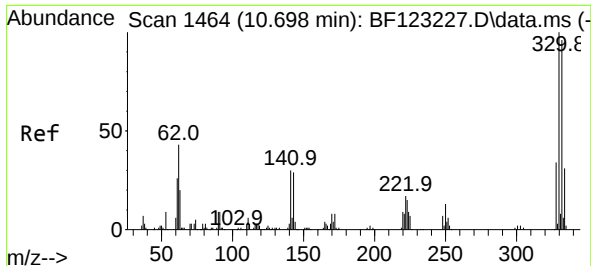
Lab File: BF123346.D

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

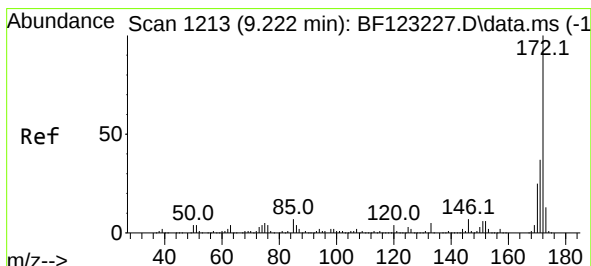
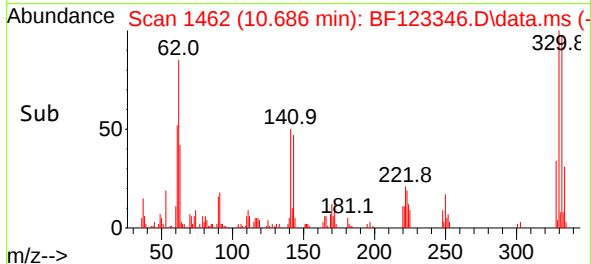
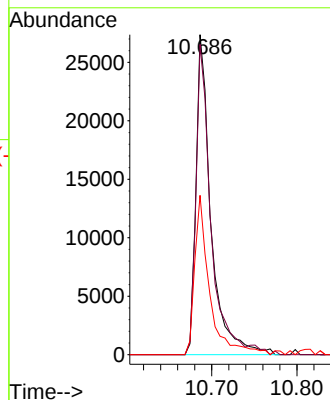
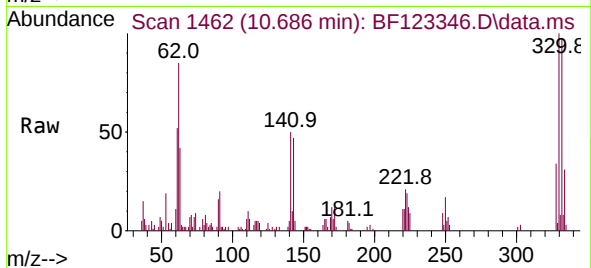




#42
2,4,6-Tribromophenol
Concen: 11.66 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF123346.D
Acq: 2 Mar 2021 20:28

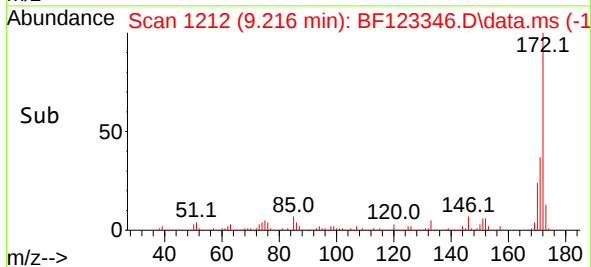
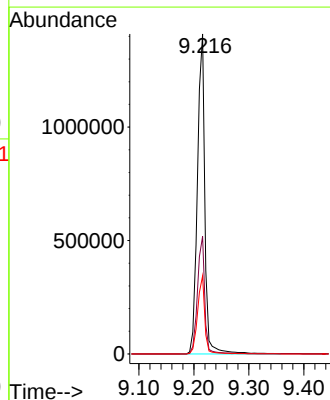
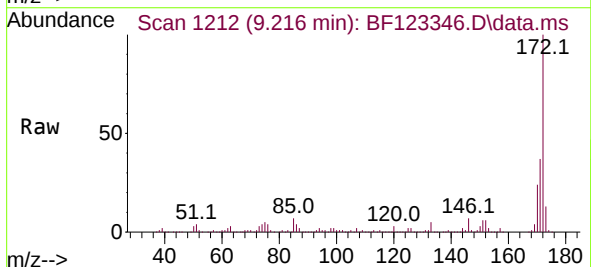
Instrument :
BNA_F
ClientSampleId :
MW-CON

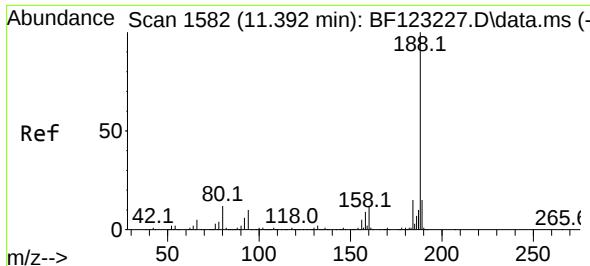
Tgt Ion:330 Resp: 33488
Ion Ratio Lower Upper
330 100
332 97.9 77.5 116.3
141 49.3 23.8 35.8#



#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

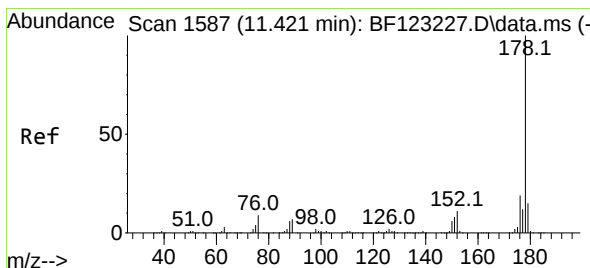
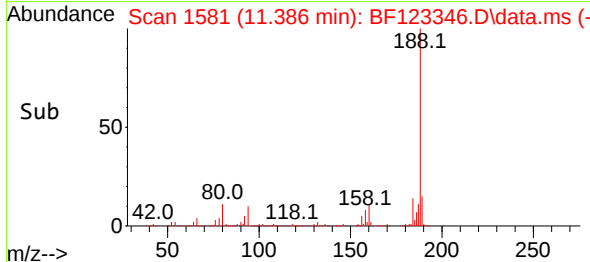
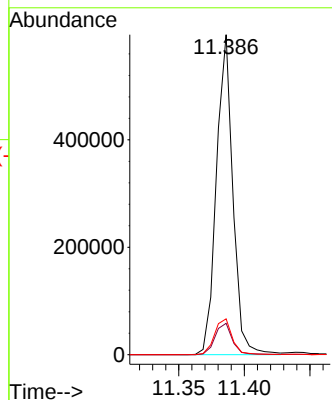
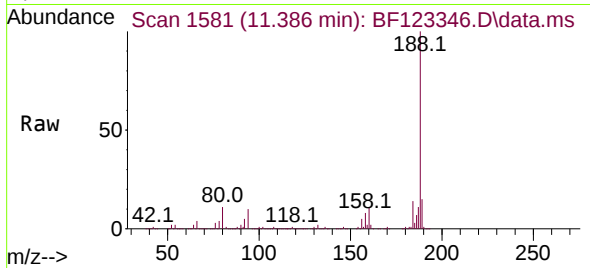




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF123346.D
Acq: 2 Mar 2021 20:28

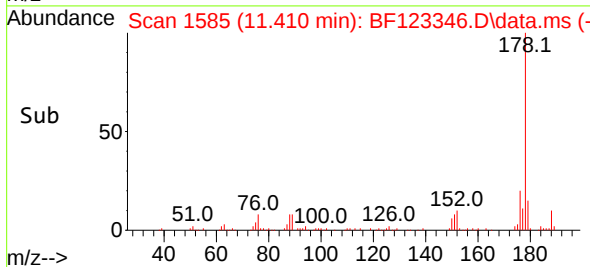
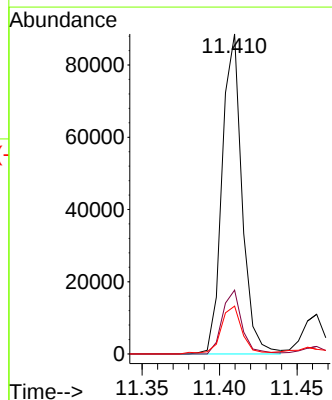
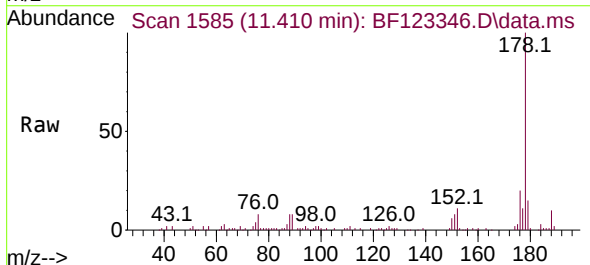
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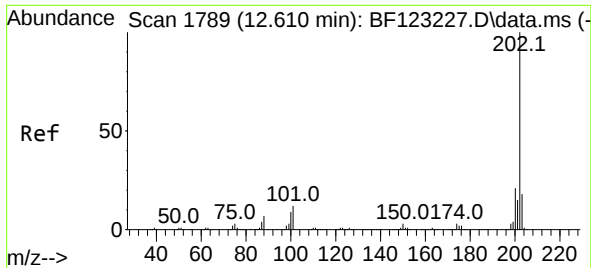
Tgt Ion:188 Resp: 520306
Ion Ratio Lower Upper
188 100
94 9.8 7.4 11.2
80 11.2 8.2 12.4



#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

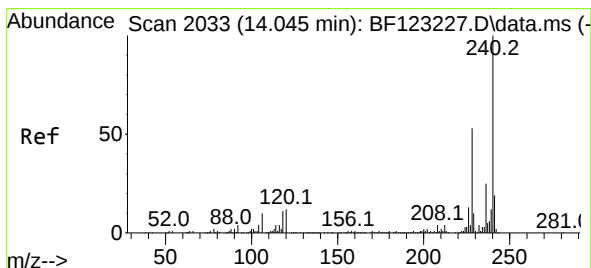
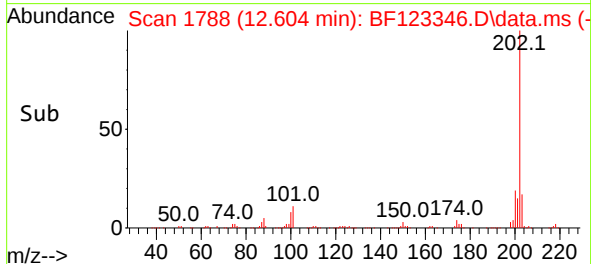
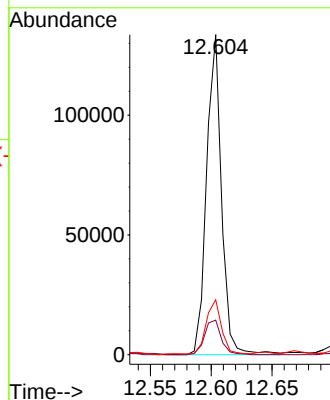
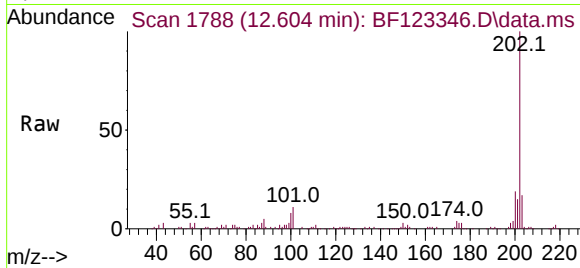




#75
Fluoranthene
Concen: 3.50 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF123346.D
Acq: 2 Mar 2021 20:28

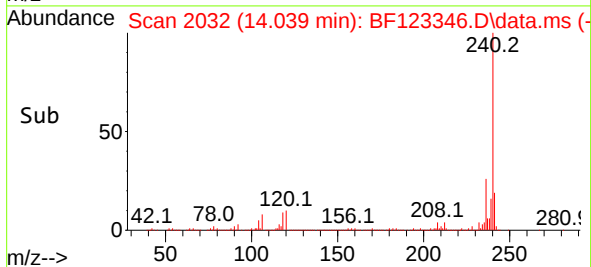
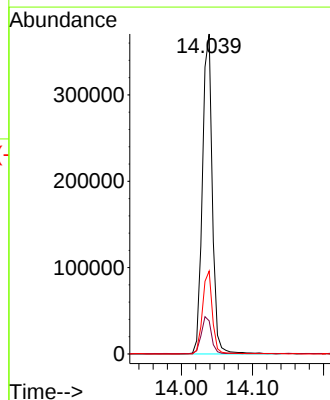
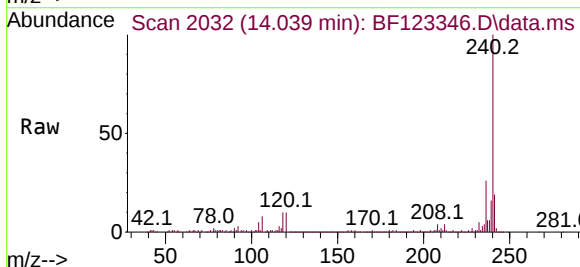
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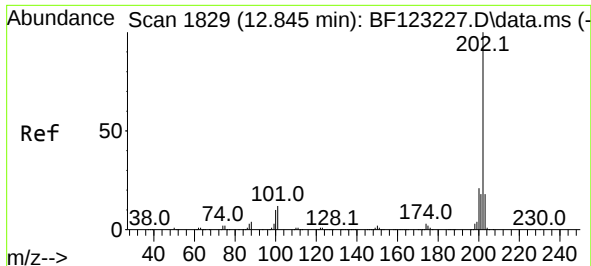
Tgt Ion:202 Resp: 113984
Ion Ratio Lower Upper
202 100
101 10.8 0.0 32.2
203 17.2 0.0 38.1



#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

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

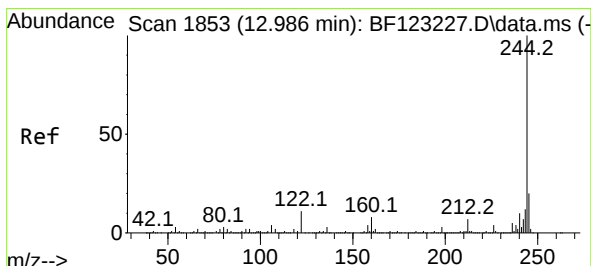
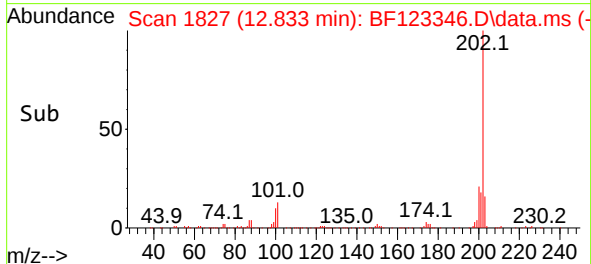
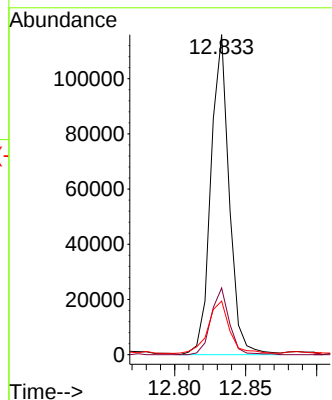
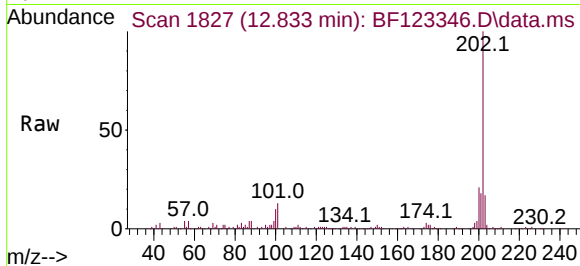




#78
Pyrene
Concen: 3.70 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.012 min
Lab File: BF123346.D
Acq: 2 Mar 2021 20:28

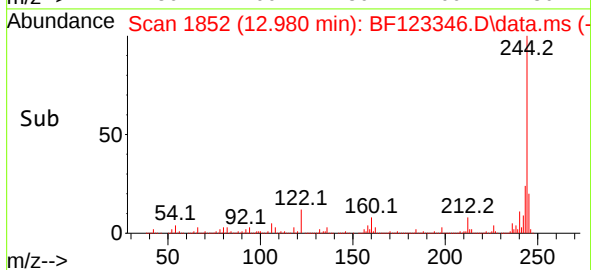
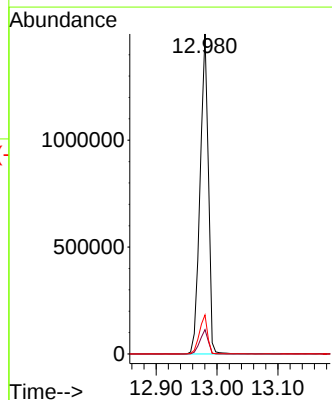
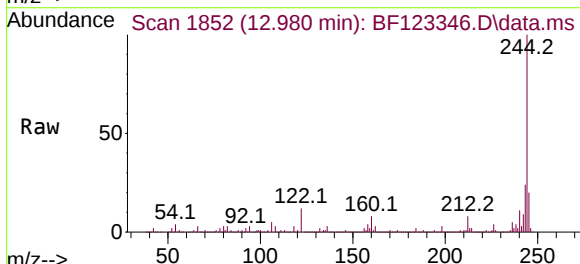
Instrument :
BNA_F
ClientSampled :
MW-CON

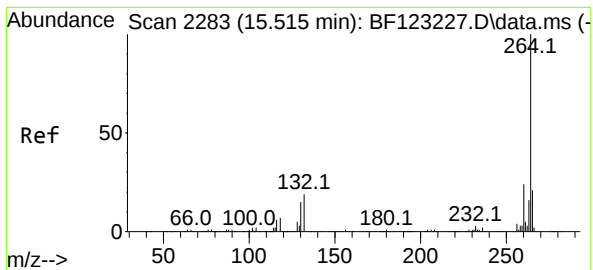
Tgt Ion:202 Resp: 104169
Ion Ratio Lower Upper
202 100
200 20.9 17.6 26.4
203 16.7 14.6 21.8



#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

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

Instrument :
 BNA_F
 ClientSampleId :
 MW-CON

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

