

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042121\
 Data File : BF123678.D
 Acq On : 21 Apr 2021 21:12
 Operator : JU/CG
 Sample : M2094-01 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-3-041921

Quant Time: Apr 22 00:56:48 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 20 15:49:40 2021
 Response via : Initial Calibration

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

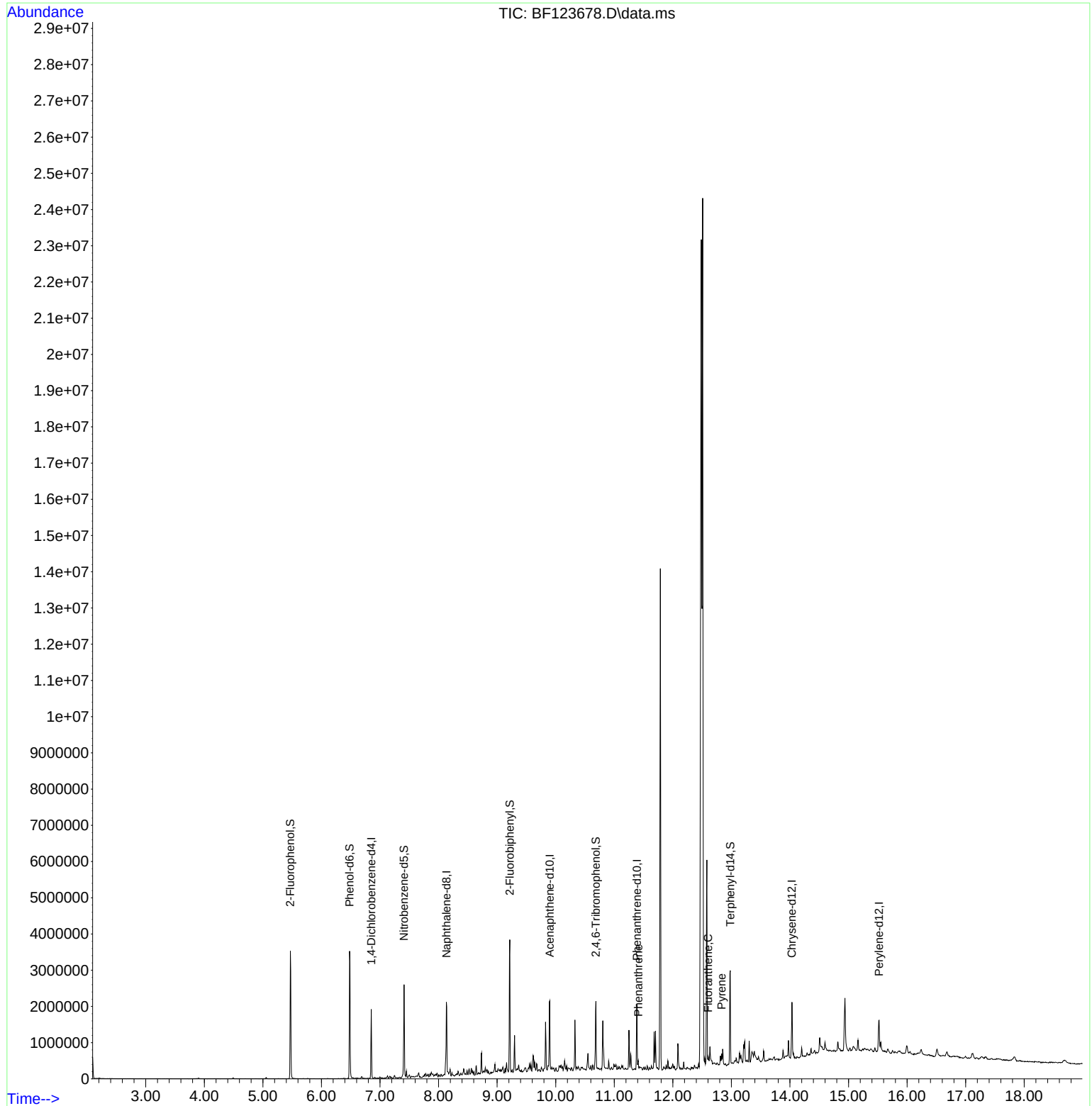
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	221933	20.00	ng	0.00
21) Naphthalene-d8	8.133	136	834989	20.00	ng	# 0.00
39) Acenaphthene-d10	9.898	164	378065	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	602553	20.00	ng	0.00
76) Chrysene-d12	14.033	240	505234	20.00	ng	# 0.00
86) Perylene-d12	15.521	264	448336	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	804648	58.60	ng	0.00
7) Phenol-d6	6.481	99	1036480	54.47	ng	-0.01
23) Nitrobenzene-d5	7.410	82	701342	38.61	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	209680	48.98	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1059047	41.76	ng	0.00
79) Terphenyl-d14	12.980	244	869810	33.46	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.410	178	80911	2.57	ng	99
75) Fluoranthene	12.604	202	84251	2.44	ng	98
78) Pyrene	12.833	202	120817	3.28	ng	97

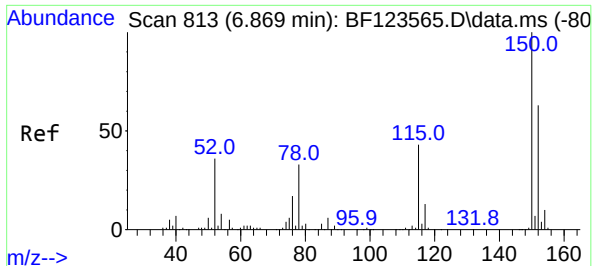
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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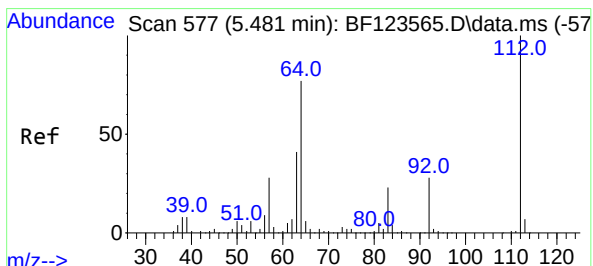
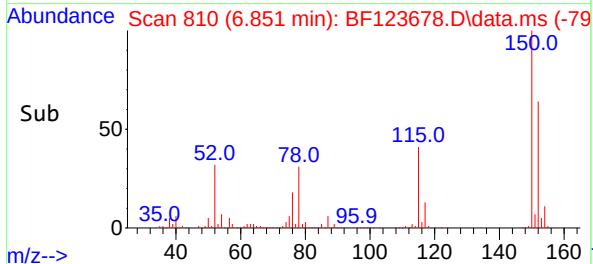
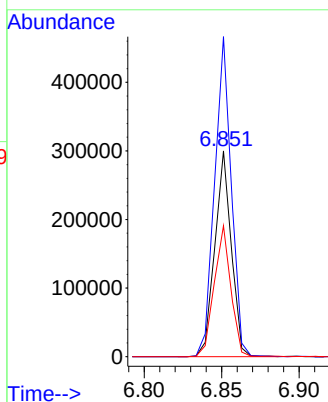
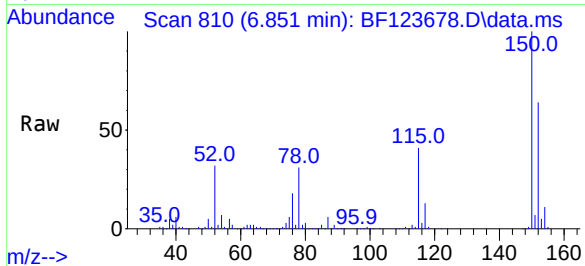




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF123678.D
Acq: 21 Apr 2021 21:12

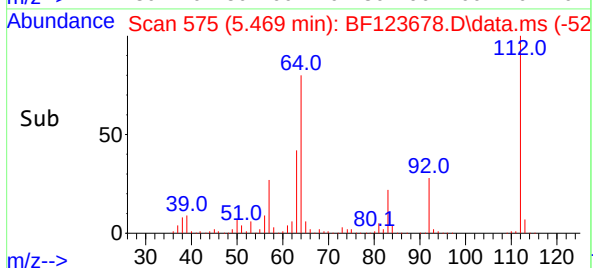
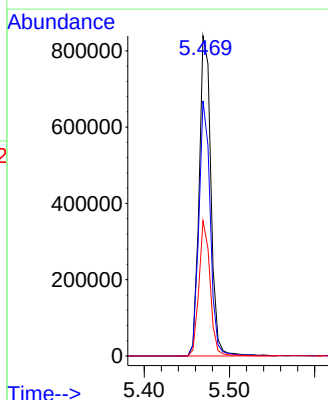
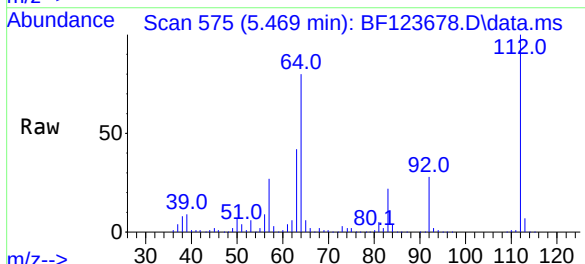
Instrument :
BNA_F
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OR-3-041921

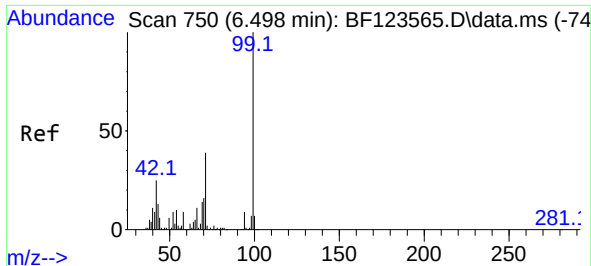
Tgt Ion:152 Resp: 221933
Ion Ratio Lower Upper
152 100
150 155.5 127.0 190.6
115 63.6 54.3 81.5



#5
2-Fluorophenol
Concen: 58.60 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.000 min
Lab File: BF123678.D
Acq: 21 Apr 2021 21:12

Tgt Ion:112 Resp: 804648
Ion Ratio Lower Upper
112 100
64 79.7 61.4 92.0
63 42.2 33.0 49.4

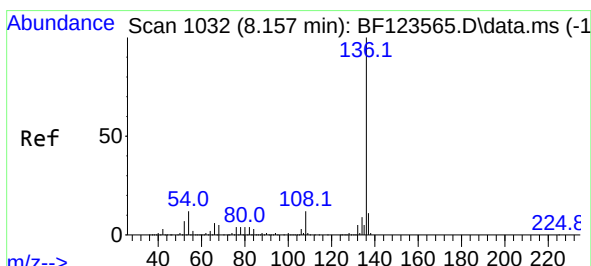
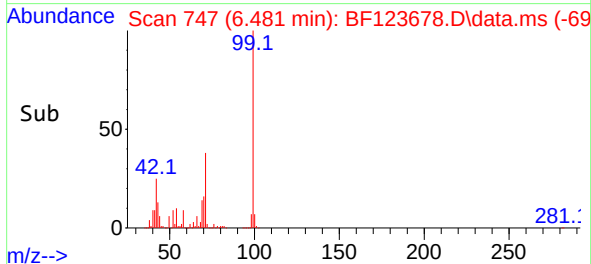
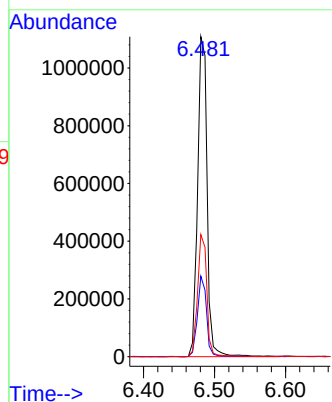
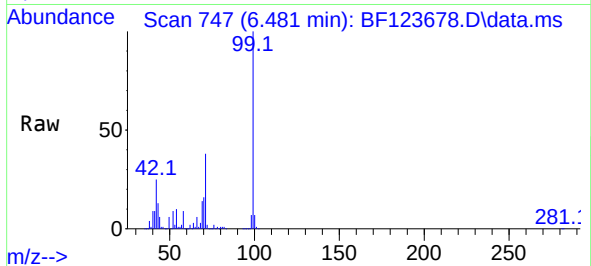




#7
Phenol-d6
Concen: 54.47 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF123678.D
Acq: 21 Apr 2021 21:12

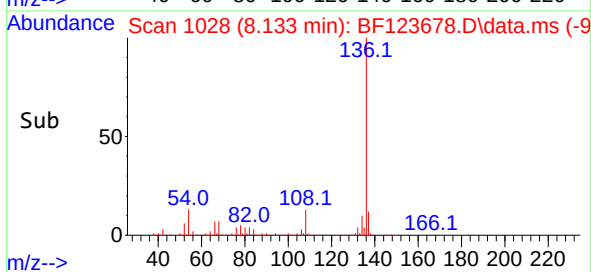
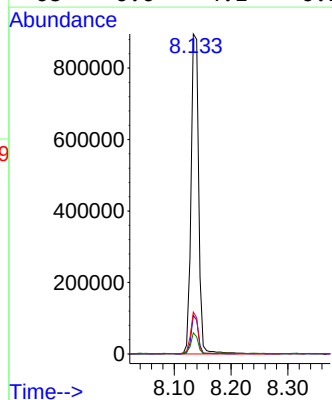
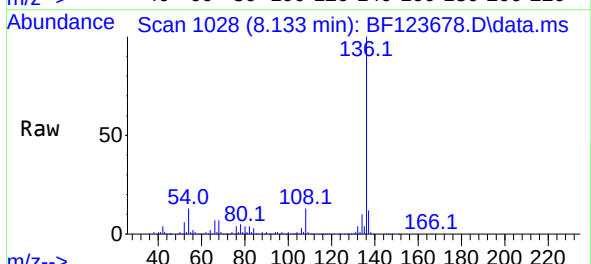
Instrument :
BNA_F
ClientSampleId :
OR-3-041921

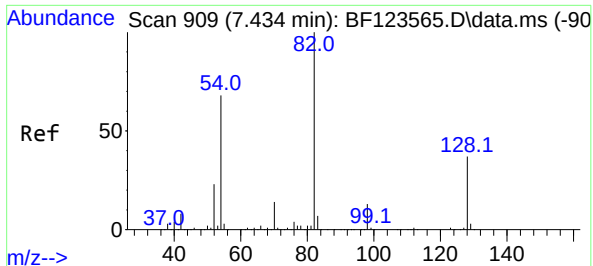
Tgt Ion: 99 Resp: 1036480
Ion Ratio Lower Upper
99 100
42 25.2 19.8 29.8
71 38.2 31.1 46.7



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF123678.D
Acq: 21 Apr 2021 21:12

Tgt Ion: 136 Resp: 834989
Ion Ratio Lower Upper
136 100
137 12.0 8.7 13.1
54 13.1 9.8 14.6
68 6.6 4.1 6.1#





#23

Nitrobenzene-d5

Concen: 38.61 ng

RT: 7.410 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF123678.D

Acq: 21 Apr 2021 21:12

Instrument :

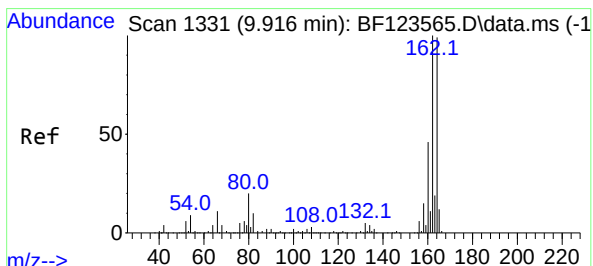
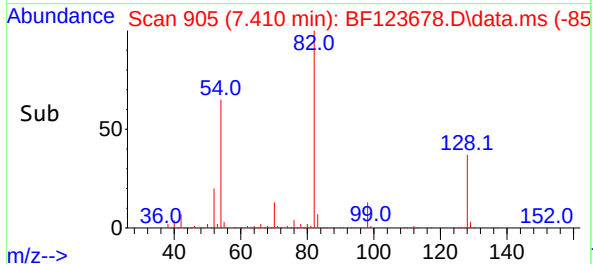
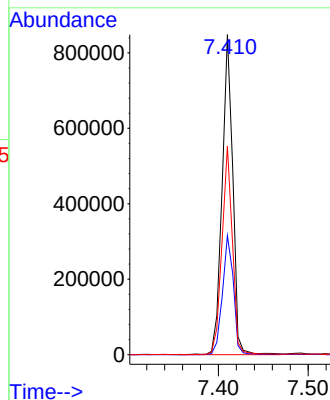
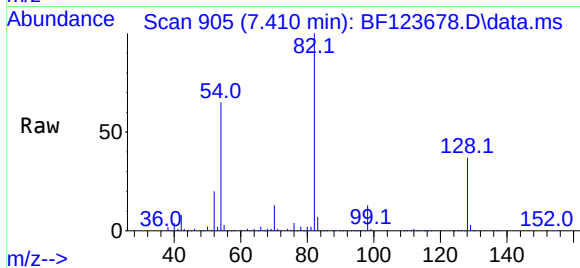
BNA_F

ClientSampleId :

OR-3-041921

Tgt Ion: 82 Resp: 701342

Ion	Ratio	Lower	Upper
82	100		
128	37.2	29.4	44.2
54	65.1	54.1	81.1



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.898 min Scan# 1328

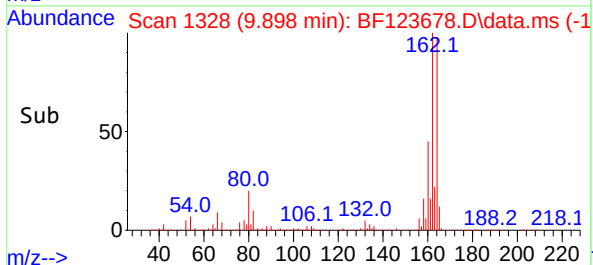
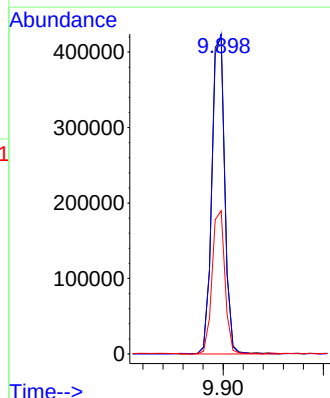
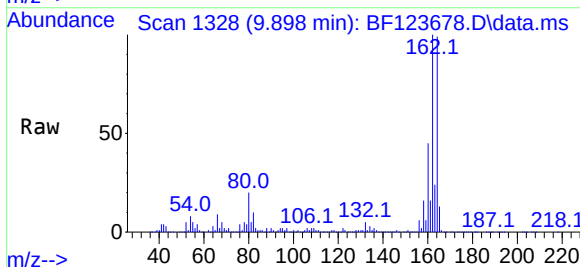
Delta R.T. -0.000 min

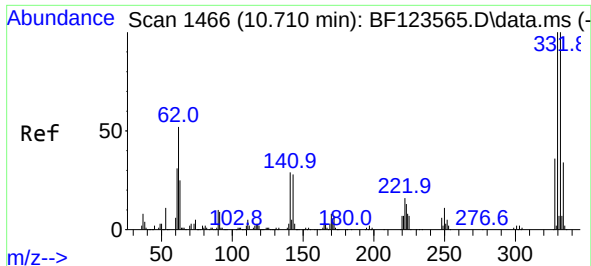
Lab File: BF123678.D

Acq: 21 Apr 2021 21:12

Tgt Ion: 164 Resp: 378065

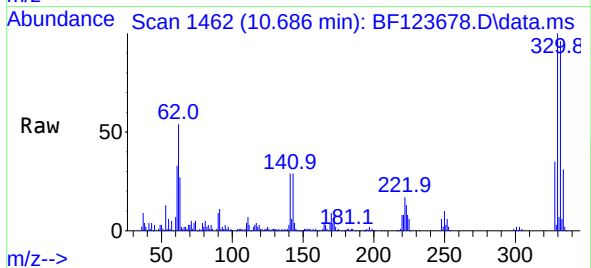
Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.7	121.1
160	45.4	37.3	55.9



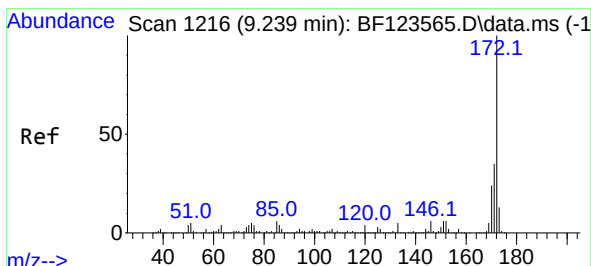
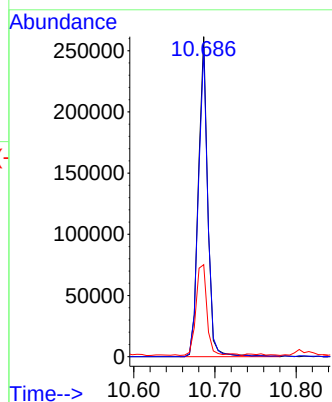
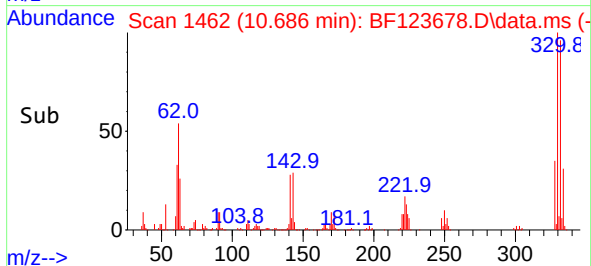


#42
2,4,6-Tribromophenol
Concen: 48.98 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BF123678.D
Acq: 21 Apr 2021 21:12

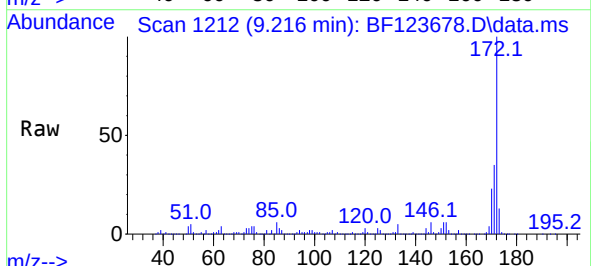
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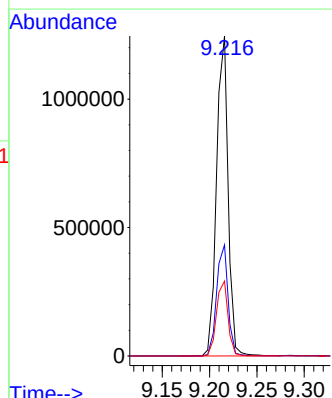
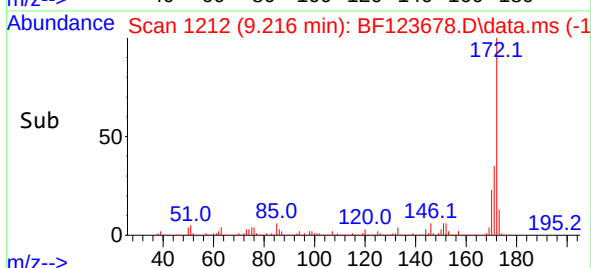
Tgt Ion:330 Resp: 209680
Ion Ratio Lower Upper
330 100
332 97.5 77.1 115.7
141 32.9 27.9 41.9

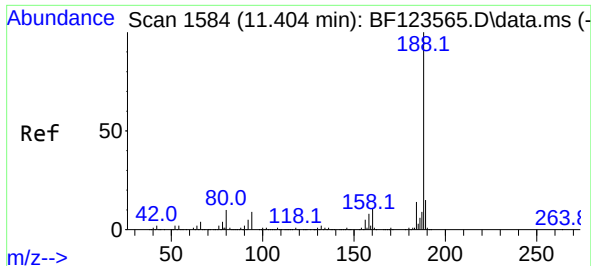


#45
2-Fluorobiphenyl
Concen: 41.76 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.000 min
Lab File: BF123678.D
Acq: 21 Apr 2021 21:12



Tgt Ion:172 Resp: 1059047
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 23.4 19.2 28.8

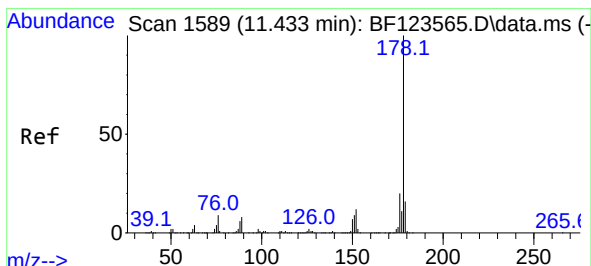
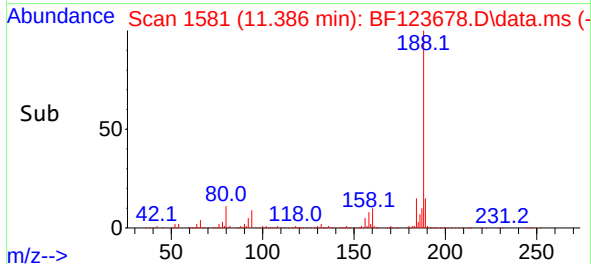
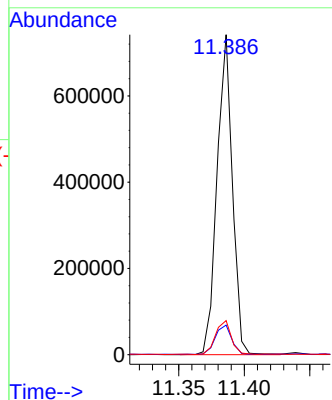
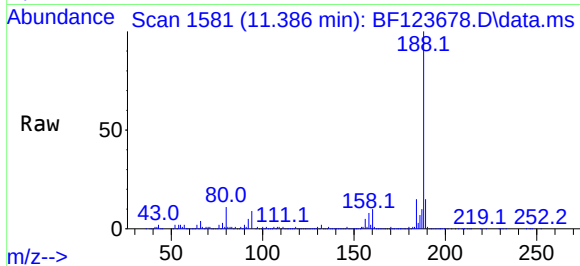




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF123678.D
Acq: 21 Apr 2021 21:12

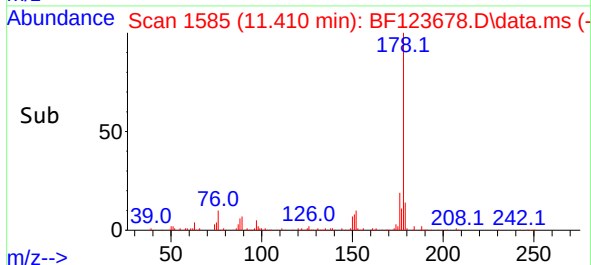
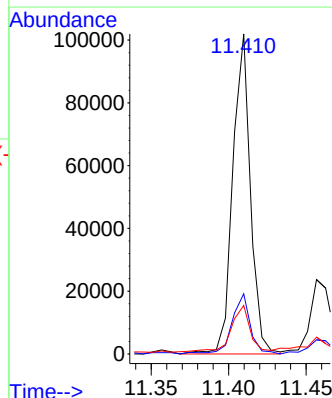
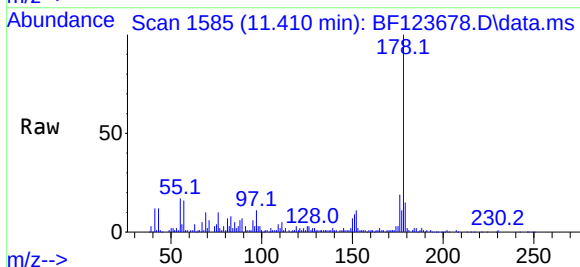
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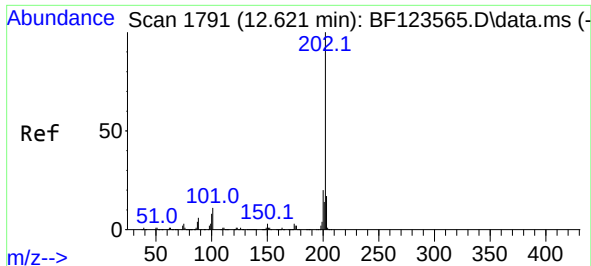
Tgt Ion:188 Resp: 602553
Ion Ratio Lower Upper
188 100
94 9.2 6.9 10.3
80 10.6 8.2 12.2



#71
Phenanthrene
Concen: 2.57 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BF123678.D
Acq: 21 Apr 2021 21:12

Tgt Ion:178 Resp: 80911
Ion Ratio Lower Upper
178 100
176 18.8 15.6 23.4
179 15.1 12.5 18.7

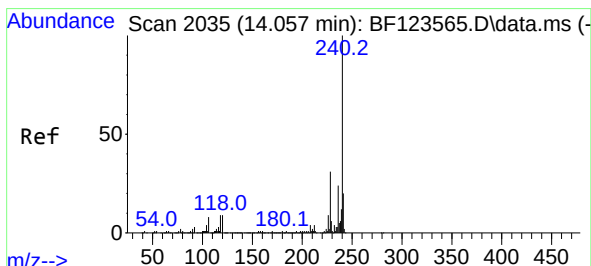
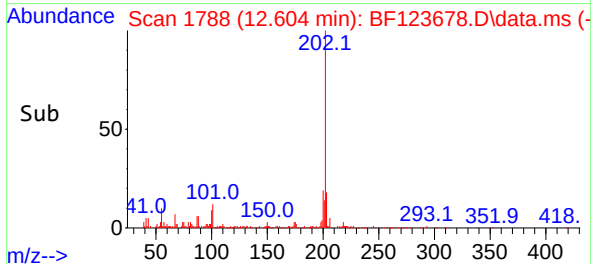
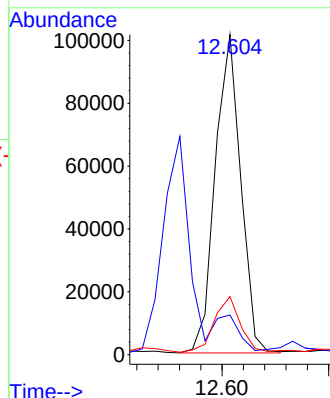
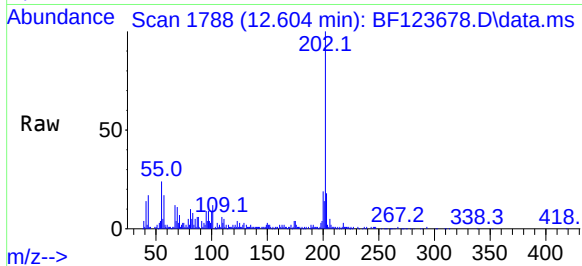




#75
Fluoranthene
Concen: 2.44 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BF123678.D
Acq: 21 Apr 2021 21:12

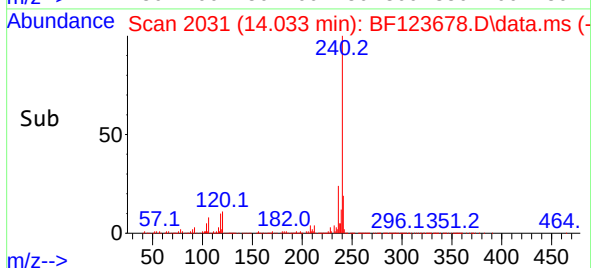
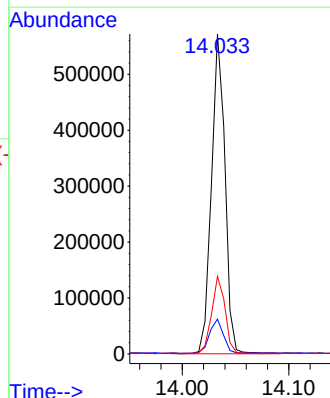
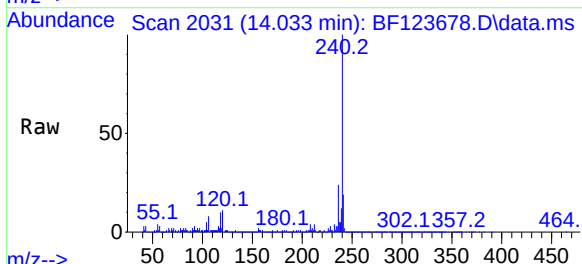
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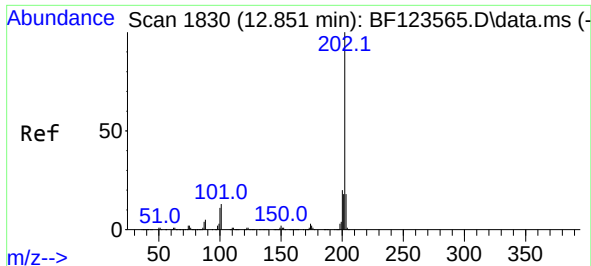
Tgt Ion:	202	Resp:	84251
Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	30.9
203	18.1	0.0	37.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BF123678.D
Acq: 21 Apr 2021 21:12

Tgt Ion:	240	Resp:	505234
Ion	Ratio	Lower	Upper
240	100		
120	10.9	7.2	10.8#
236	24.2	19.0	28.4

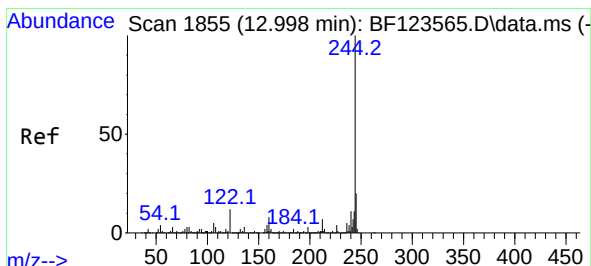
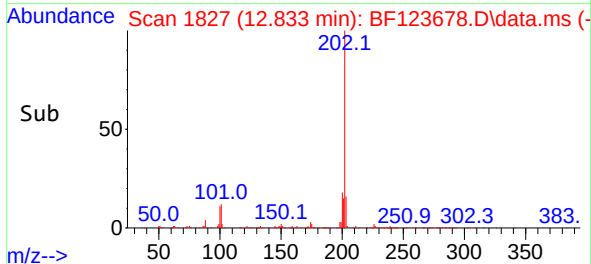
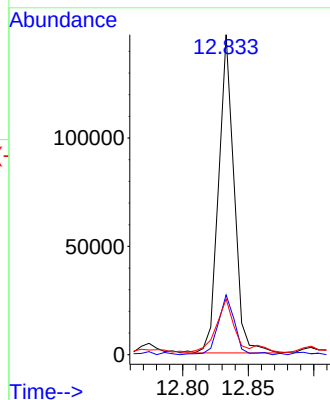
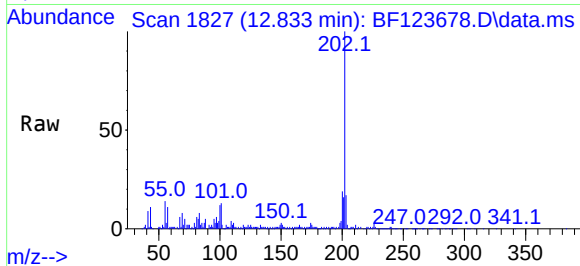




#78
Pyrene
Concen: 3.28 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BF123678.D
Acq: 21 Apr 2021 21:12

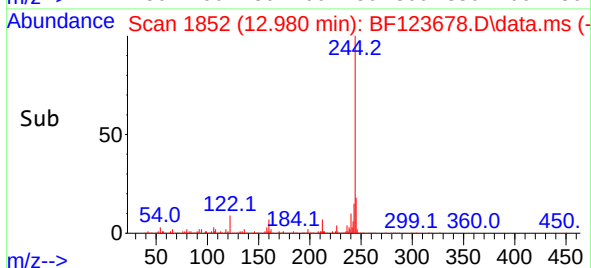
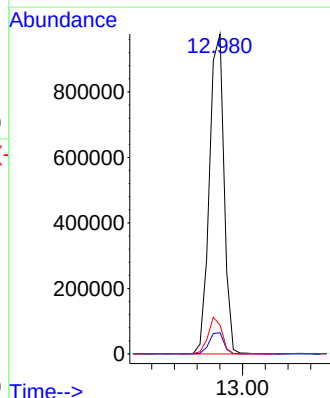
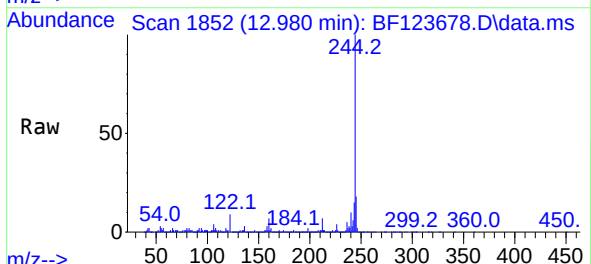
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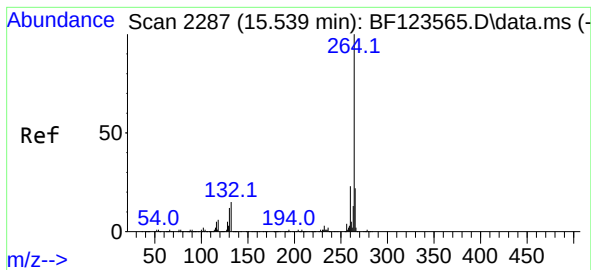
Tgt Ion:	202	Resp:	120817
Ion Ratio	Lower	Upper	
202	100		
200	18.7	16.1	24.1
203	17.4	14.8	22.2



#79
Terphenyl-d14
Concen: 33.46 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.006 min
Lab File: BF123678.D
Acq: 21 Apr 2021 21:12

Tgt Ion:	244	Resp:	869810
Ion Ratio	Lower	Upper	
244	100		
212	6.7	5.7	8.5
122	9.0	9.7	14.5#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.521 min Scan# 2284
 Delta R.T. 0.018 min
 Lab File: BF123678.D
 Acq: 21 Apr 2021 21:12

Instrument :
 BNA_F
 ClientSampleId :
 OR-3-041921

Tgt Ion:264 Resp: 448336
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.7 28.1
 265 22.0 17.8 26.8

