

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042021\
 Data File : BF123653.D
 Acq On : 20 Apr 2021 20:49
 Operator : JU/CG
 Sample : M2076-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-16-0-2.0

Quant Time: Apr 21 01:22:06 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)

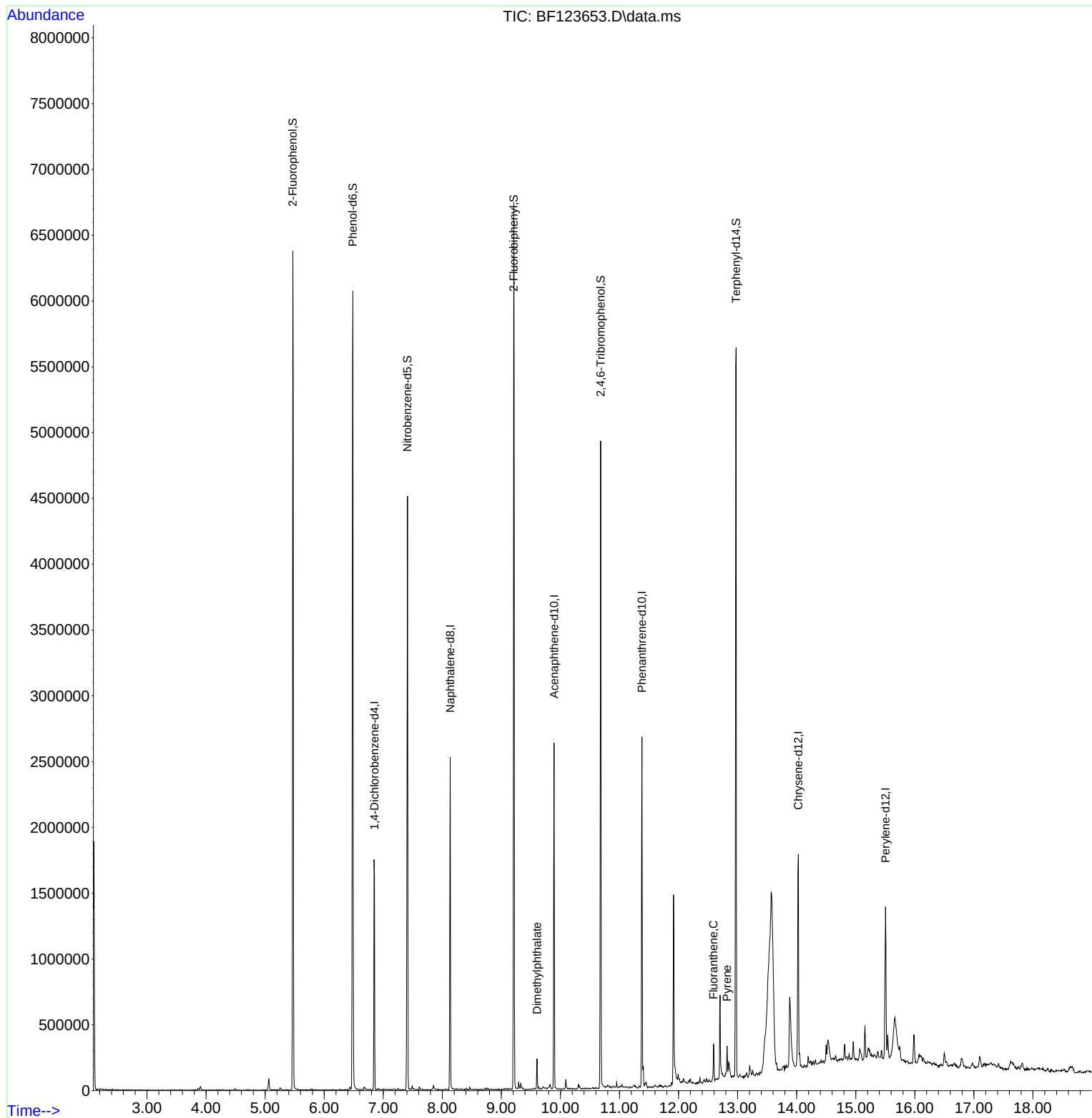
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	236840	20.00	ng	0.00
21) Naphthalene-d8	8.133	136	909607	20.00	ng	0.00
39) Acenaphthene-d10	9.892	164	447825	20.00	ng	0.00
64) Phenanthrene-d10	11.380	188	866296	20.00	ng	0.00
76) Chrysene-d12	14.027	240	544286	20.00	ng	0.00
86) Perylene-d12	15.504	264	511531	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1413731	96.48	ng	0.00
7) Phenol-d6	6.486	99	1818547	89.56	ng	0.00
23) Nitrobenzene-d5	7.410	82	1277739	64.58	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	516039	101.76	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1928498	64.20	ng	0.00
79) Terphenyl-d14	12.974	244	1857963	66.34	ng	0.00
Target Compounds						
						Qvalue
50) Dimethylphthalate	9.604	163	70274	2.27	ng	# 97
75) Fluoranthene	12.592	202	104279	2.10	ng	99
78) Pyrene	12.821	202	88774	2.23	ng	97

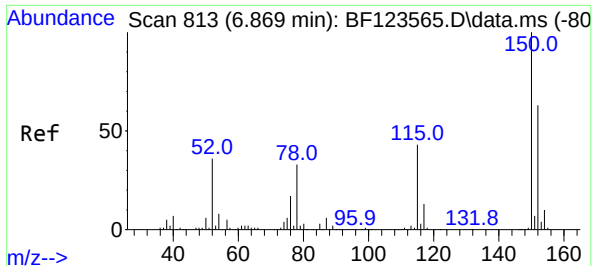
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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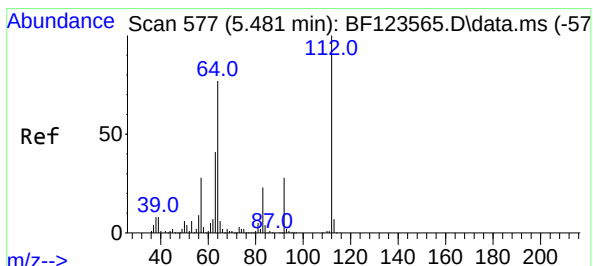
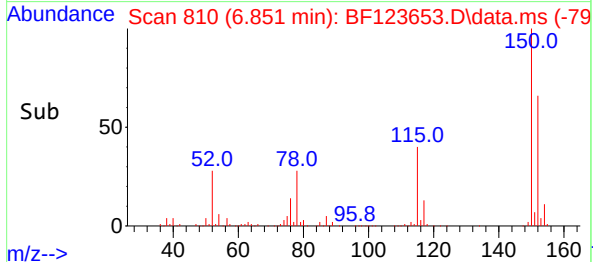
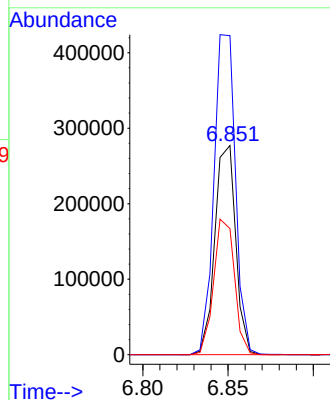
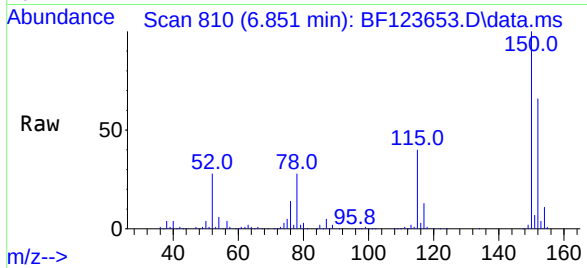




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF123653.D
Acq: 20 Apr 2021 20:49

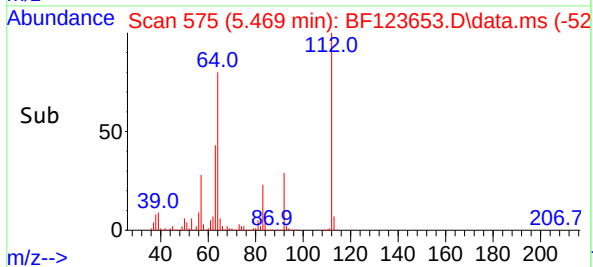
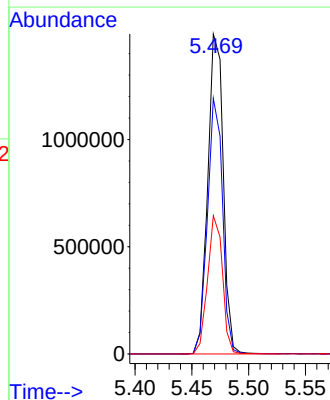
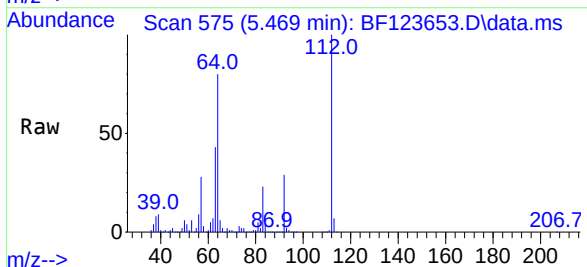
Instrument :
BNA_F
ClientSampleId :
SB-16-0-2.0

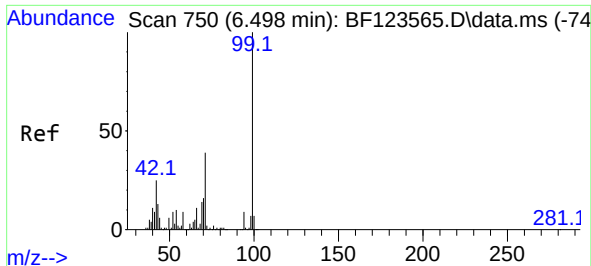
Tgt Ion:152 Resp: 236840
Ion Ratio Lower Upper
152 100
150 152.6 127.0 190.6
115 60.3 54.3 81.5



#5
2-Fluorophenol
Concen: 96.48 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.000 min
Lab File: BF123653.D
Acq: 20 Apr 2021 20:49

Tgt Ion:112 Resp: 1413731
Ion Ratio Lower Upper
112 100
64 79.9 61.4 92.0
63 43.2 33.0 49.4

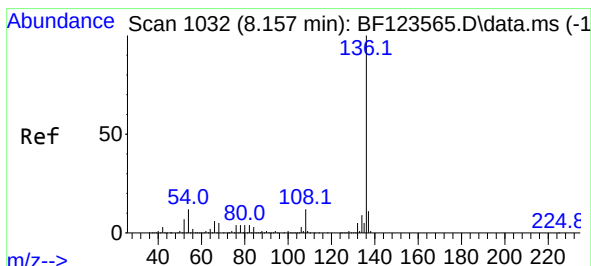
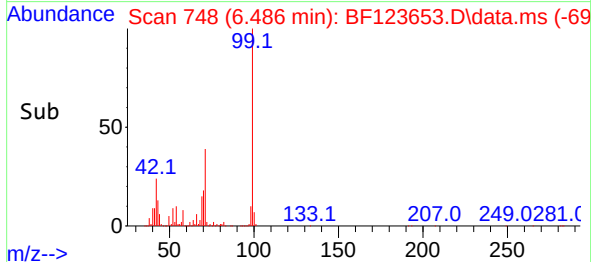
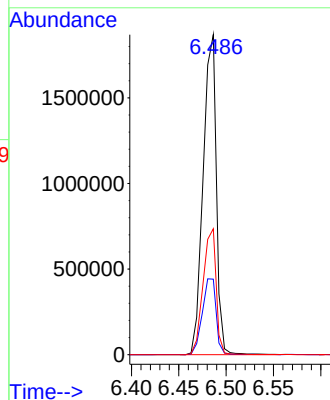
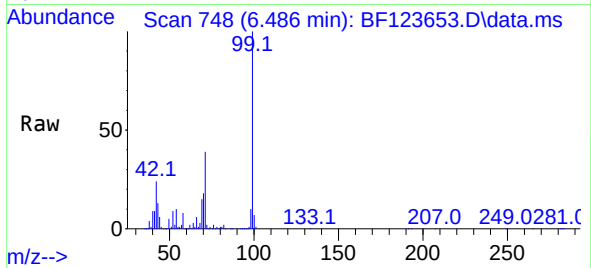




#7
Phenol-d6
Concen: 89.56 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF123653.D
Acq: 20 Apr 2021 20:49

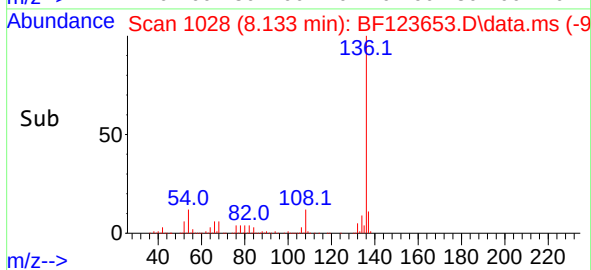
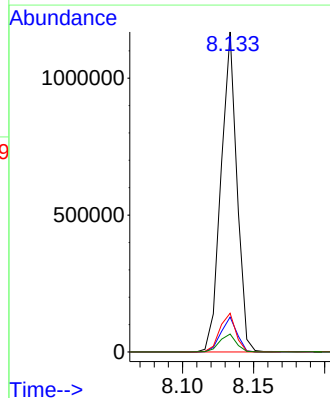
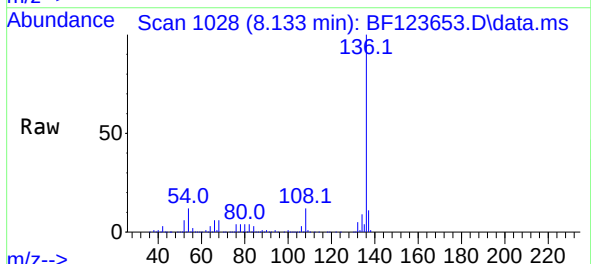
Instrument :
BNA_F
ClientSampleId :
SB-16-0-2.0

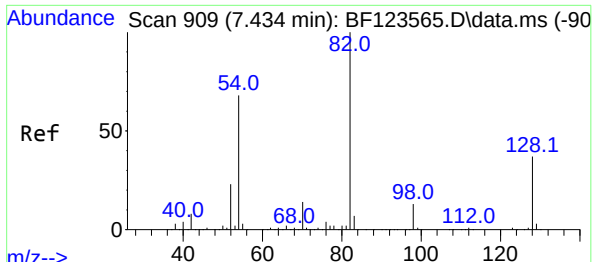
Tgt Ion: 99 Resp: 1818547
Ion Ratio Lower Upper
99 100
42 23.6 19.8 29.8
71 39.3 31.1 46.7



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF123653.D
Acq: 20 Apr 2021 20:49

Tgt Ion: 136 Resp: 909607
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 12.1 9.8 14.6
68 5.6 4.1 6.1



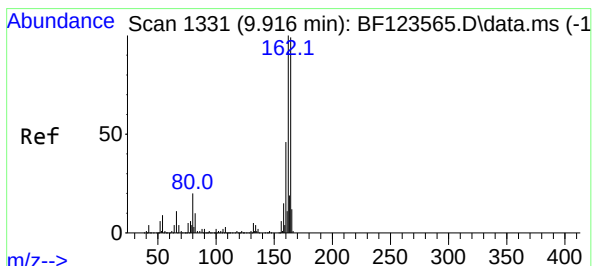
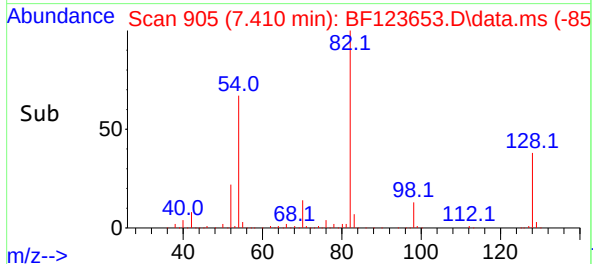
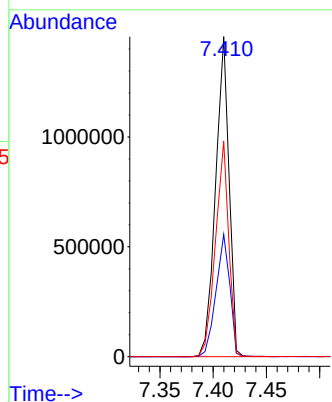
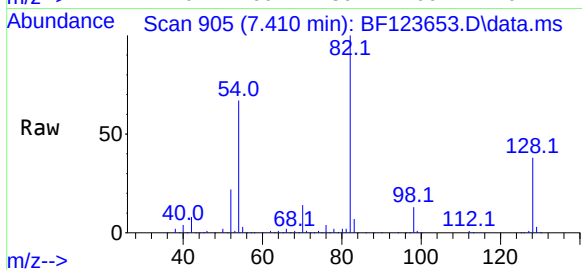


#23
Nitrobenzene-d5
Concen: 64.58 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF123653.D
Acq: 20 Apr 2021 20:49

Instrument :
BNA_F
ClientSampleId :
SB-16-0-2.0

Tgt Ion: 82 Resp: 1277739

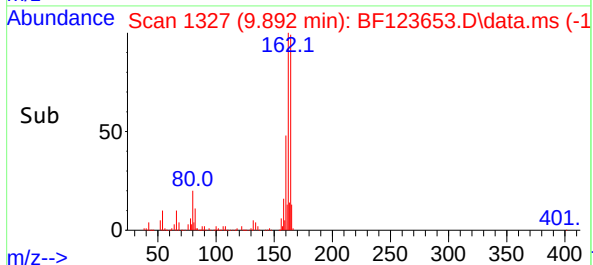
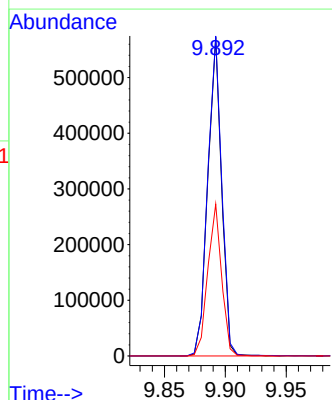
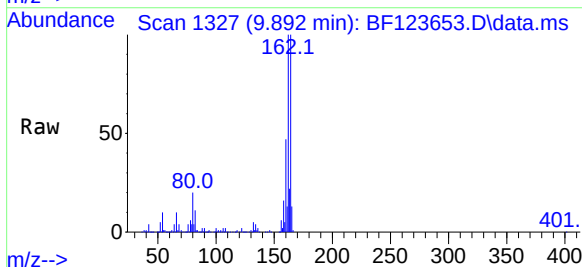
Ion	Ratio	Lower	Upper
82	100		
128	38.2	29.4	44.2
54	67.4	54.1	81.1

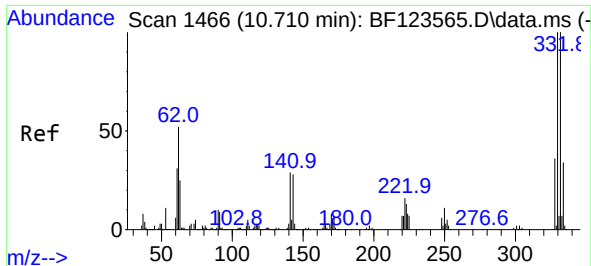


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF123653.D
Acq: 20 Apr 2021 20:49

Tgt Ion:164 Resp: 447825

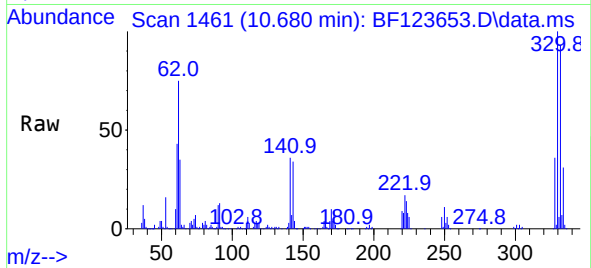
Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.7	121.1
160	47.6	37.3	55.9



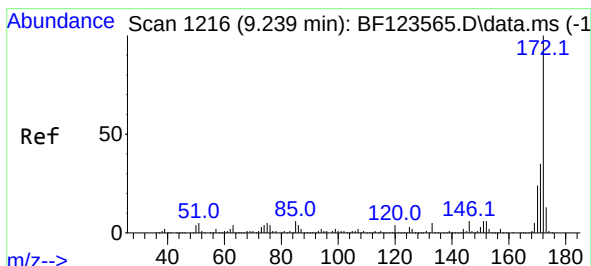
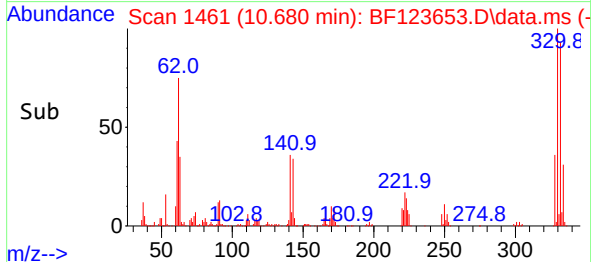
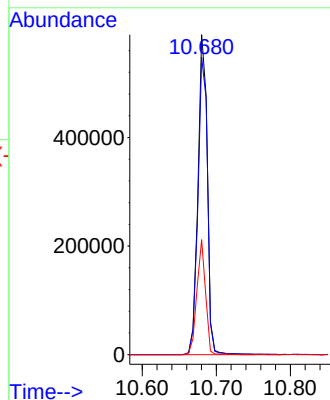


#42
2,4,6-Tribromophenol
Concen: 101.76 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF123653.D
Acq: 20 Apr 2021 20:49

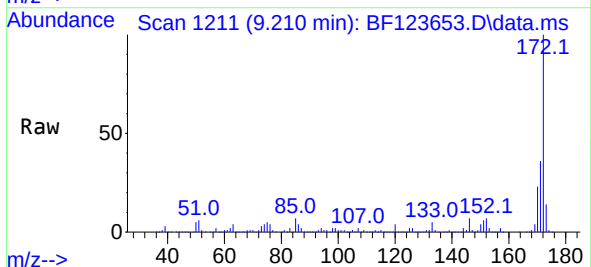
Instrument :
BNA_F
ClientSampleId :
SB-16-0-2.0



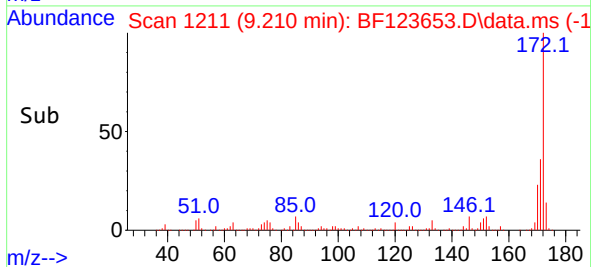
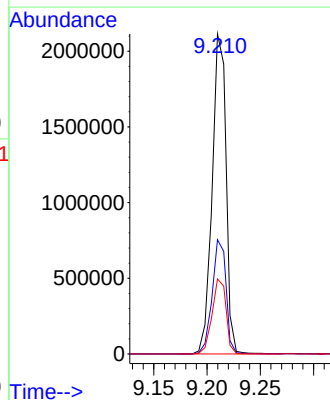
Tgt Ion:330 Resp: 516039
Ion Ratio Lower Upper
330 100
332 95.1 77.1 115.7
141 33.3 27.9 41.9

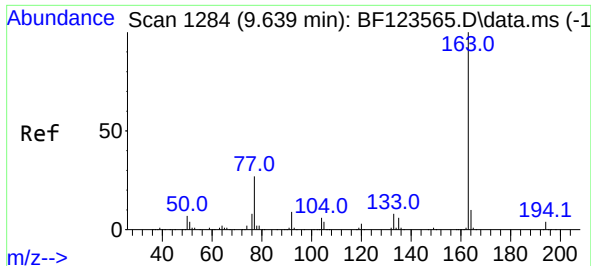


#45
2-Fluorobiphenyl
Concen: 64.20 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF123653.D
Acq: 20 Apr 2021 20:49



Tgt Ion:172 Resp: 1928498
Ion Ratio Lower Upper
172 100
171 35.7 28.1 42.1
170 23.4 19.2 28.8

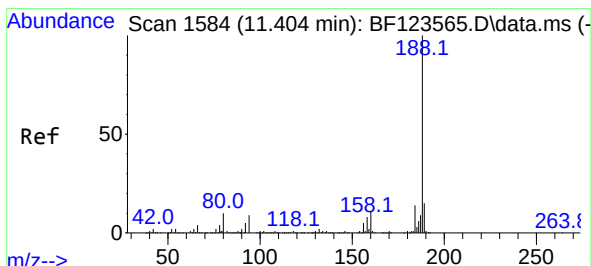
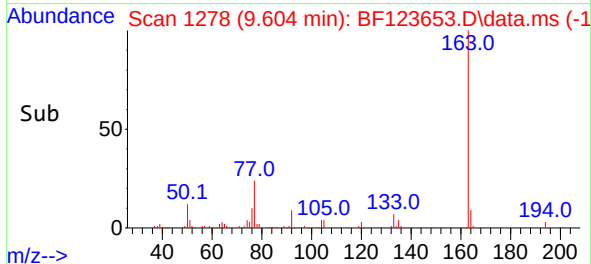
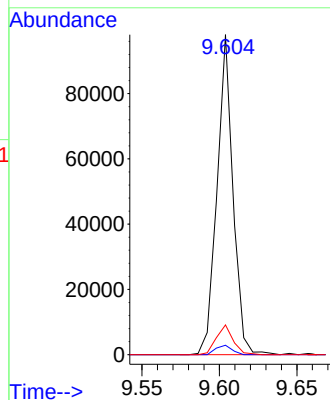
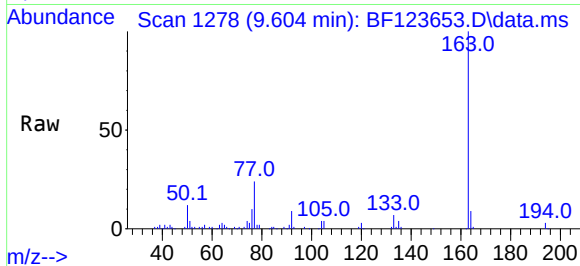




#50
Dimethylphthalate
Concen: 2.27 ng
RT: 9.604 min Scan# 1278
Delta R.T. -0.018 min
Lab File: BF123653.D
Acq: 20 Apr 2021 20:49

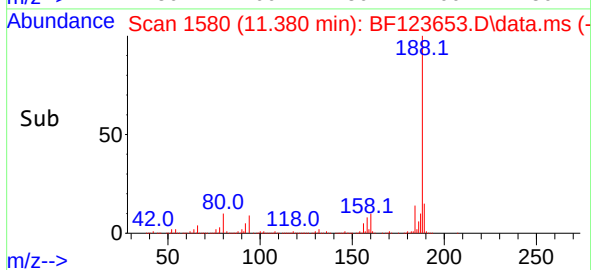
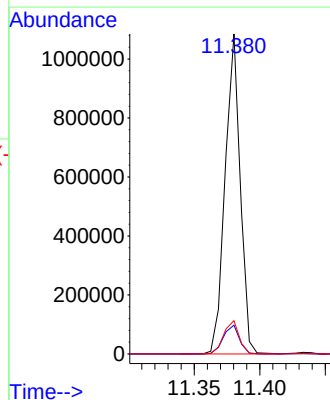
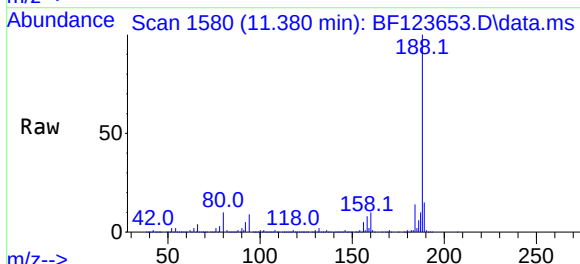
Instrument :
BNA_F
ClientSampleId :
SB-16-0-2.0

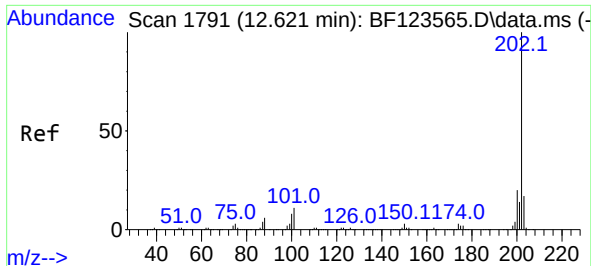
Tgt Ion:163 Resp: 70274
Ion Ratio Lower Upper
163 100
194 3.0 3.1 4.7#
164 9.3 8.2 12.2



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF123653.D
Acq: 20 Apr 2021 20:49

Tgt Ion:188 Resp: 866296
Ion Ratio Lower Upper
188 100
94 9.0 6.9 10.3
80 10.4 8.2 12.2



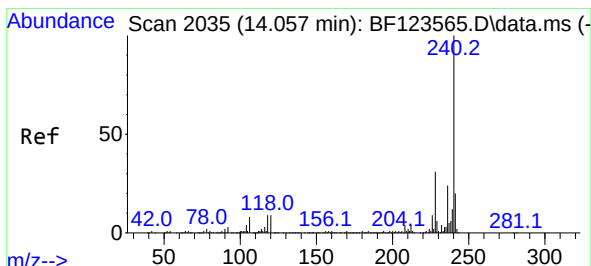
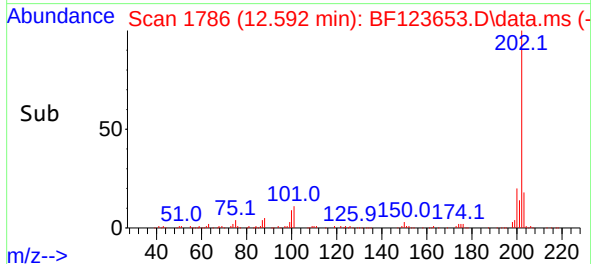
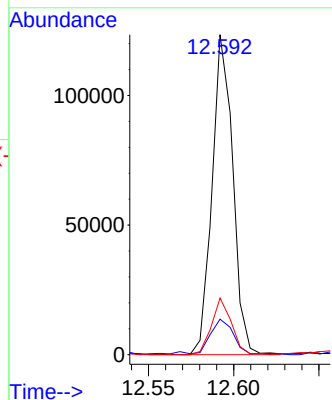
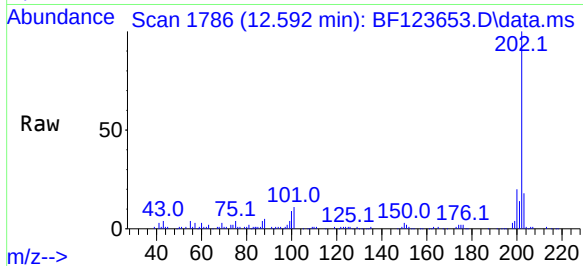


#75
Fluoranthene
Concen: 2.10 ng
RT: 12.592 min Scan# 1786
Delta R.T. -0.012 min
Lab File: BF123653.D
Acq: 20 Apr 2021 20:49

Instrument :
BNA_F
ClientSampleId :
SB-16-0-2.0

Tgt Ion:202 Resp: 104279

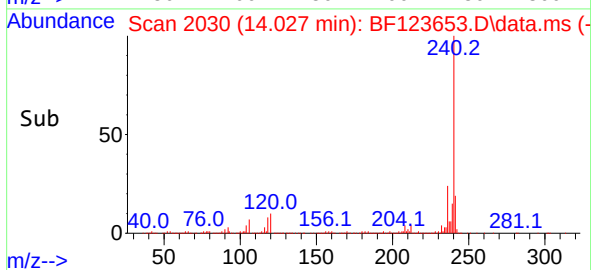
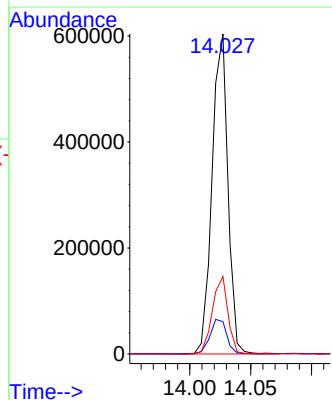
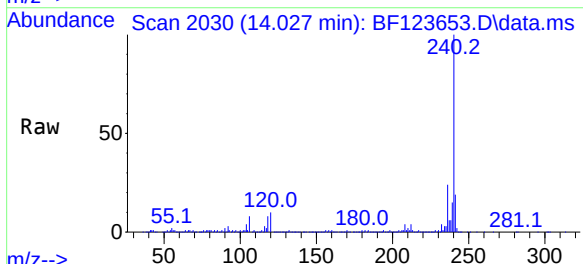
Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	30.9
203	17.7	0.0	37.5

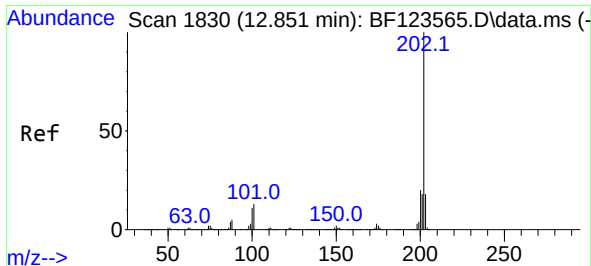


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF123653.D
Acq: 20 Apr 2021 20:49

Tgt Ion:240 Resp: 544286

Ion	Ratio	Lower	Upper
240	100		
120	10.1	7.2	10.8
236	24.2	19.0	28.4

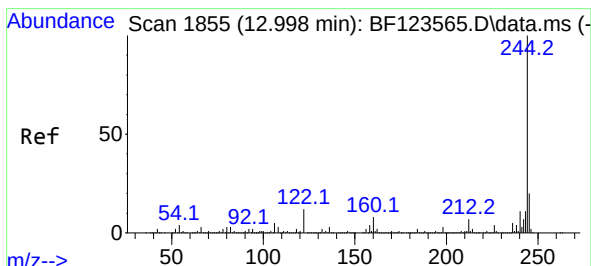
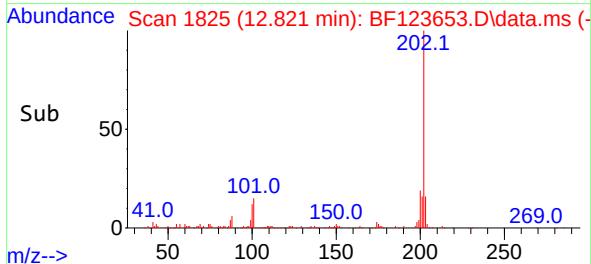
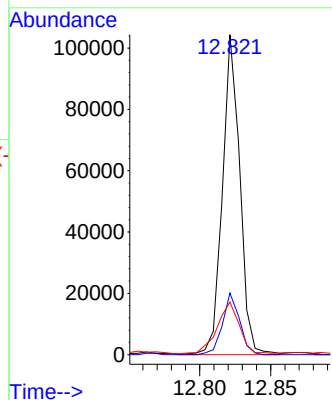
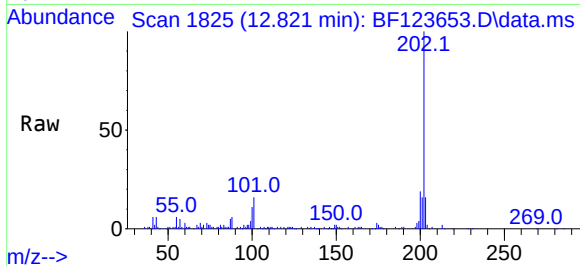




#78
Pyrene
Concen: 2.23 ng
RT: 12.821 min Scan# 1825
Delta R.T. -0.012 min
Lab File: BF123653.D
Acq: 20 Apr 2021 20:49

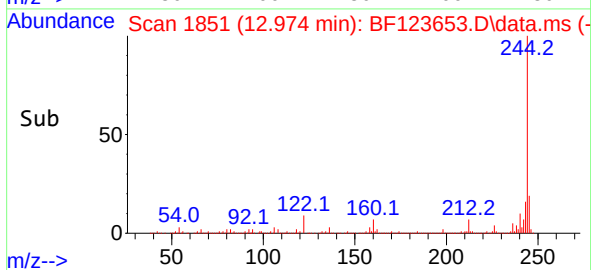
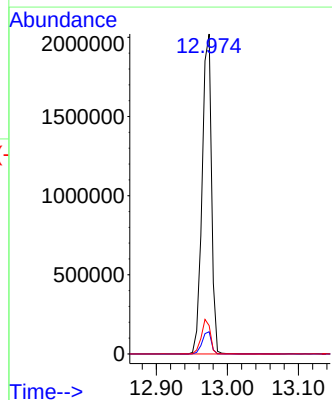
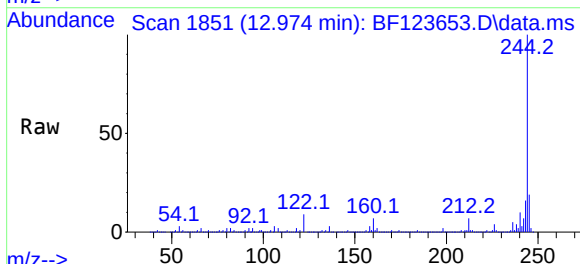
Instrument :
BNA_F
ClientSampleId :
SB-16-0-2.0

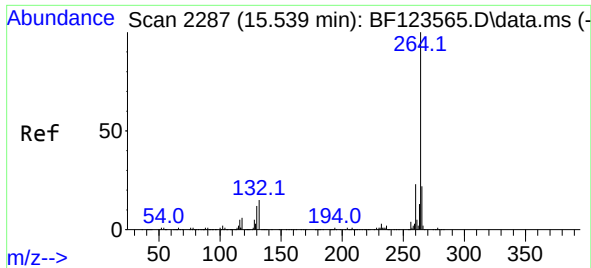
Tgt Ion:202	Resp:	88774
Ion Ratio	Lower	Upper
202	100	
200	19.2	16.1 24.1
203	16.4	14.8 22.2



#79
Terphenyl-d14
Concen: 66.34 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.000 min
Lab File: BF123653.D
Acq: 20 Apr 2021 20:49

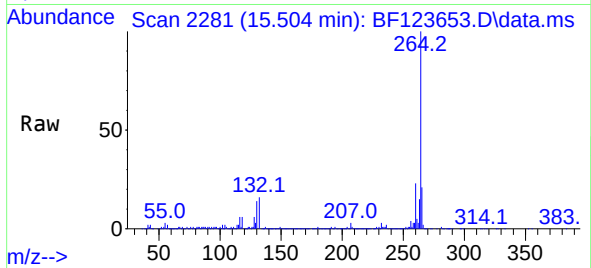
Tgt Ion:244	Resp:	1857963
Ion Ratio	Lower	Upper
244	100	
212	6.9	5.7 8.5
122	8.9	9.7 14.5#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.504 min Scan# 2281
Delta R.T. -0.000 min
Lab File: BF123653.D
Acq: 20 Apr 2021 20:49

Instrument :
BNA_F
ClientSampleId :
SB-16-0-2.0



Tgt Ion:264 Resp: 511531

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	21.3	17.8	26.8

