

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042021\
 Data File : BF123652.D
 Acq On : 20 Apr 2021 20:16
 Operator : JU/CG
 Sample : M2076-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-14.5-15.0

Quant Time: Apr 21 01:21:52 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)

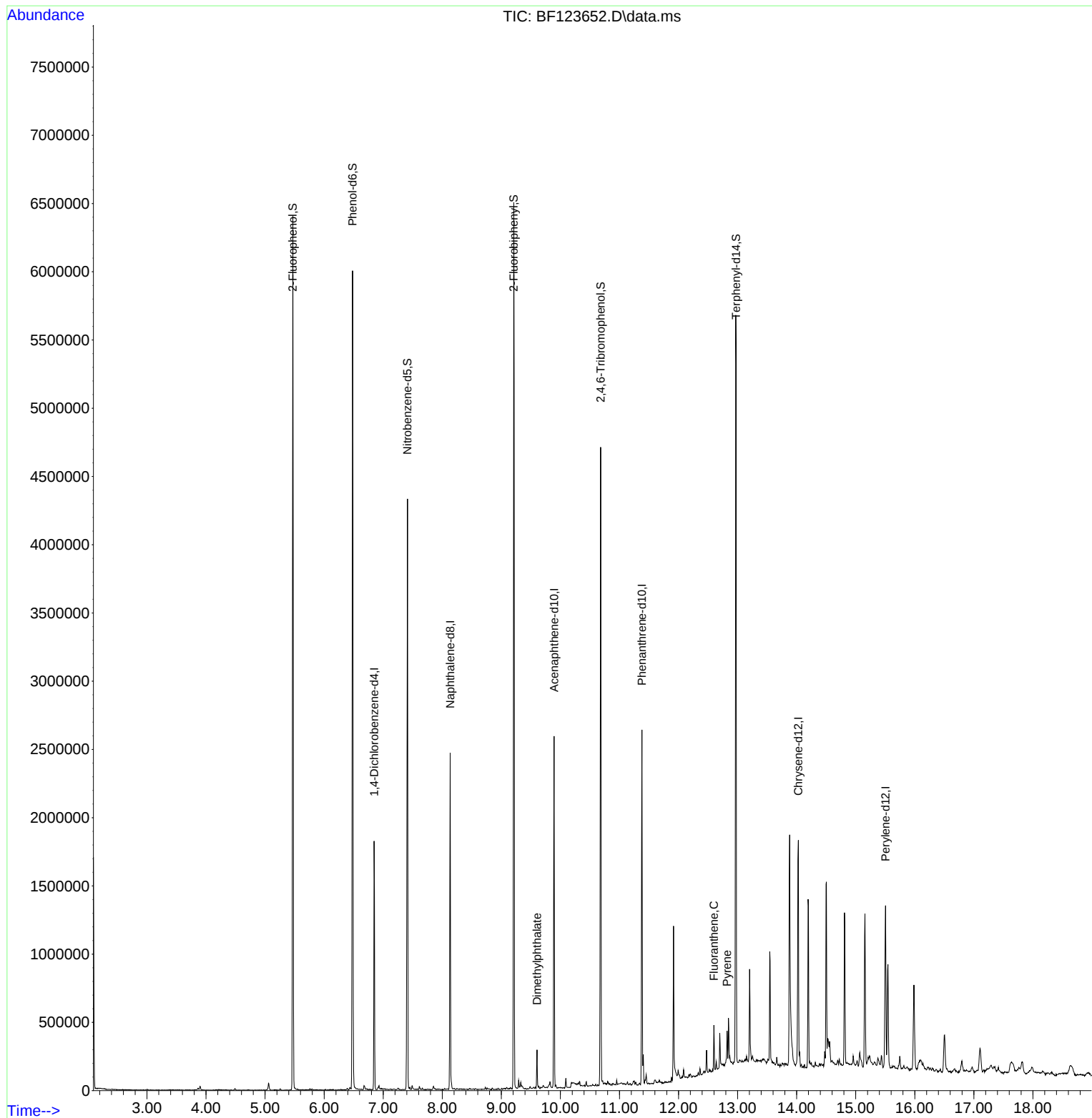
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	233897	20.00	ng	0.00
21) Naphthalene-d8	8.134	136	894897	20.00	ng	0.00
39) Acenaphthene-d10	9.892	164	444802	20.00	ng	0.00
64) Phenanthrene-d10	11.380	188	849749	20.00	ng	0.00
76) Chrysene-d12	14.027	240	565194	20.00	ng	0.00
86) Perylene-d12	15.504	264	513992	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1351325	93.38	ng	0.00
7) Phenol-d6	6.481	99	1756467	87.59	ng	-0.01
23) Nitrobenzene-d5	7.410	82	1247561	64.09	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	498051	98.88	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1844703	61.82	ng	0.00
79) Terphenyl-d14	12.974	244	1844537	63.43	ng	0.00
Target Compounds						
						Qvalue
50) Dimethylphthalate	9.604	163	85341	2.78	ng	98
75) Fluoranthene	12.598	202	110088	2.26	ng	98
78) Pyrene	12.822	202	96998	2.35	ng	98

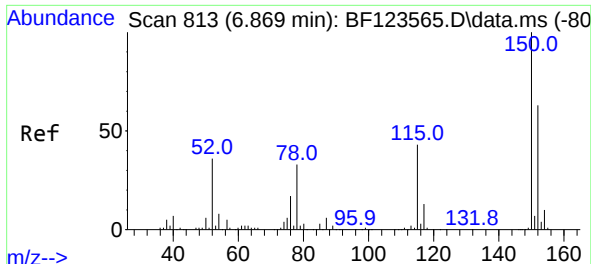
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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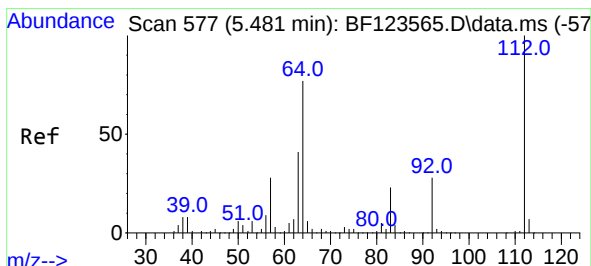
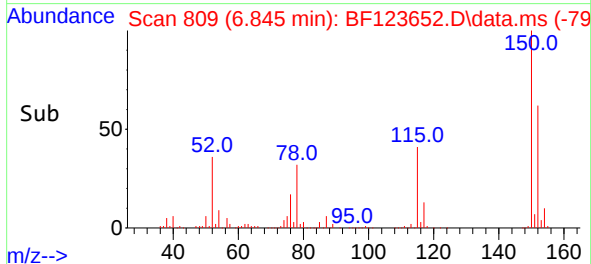
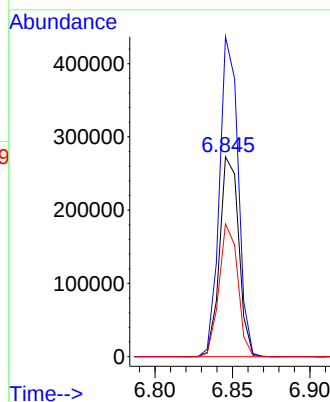
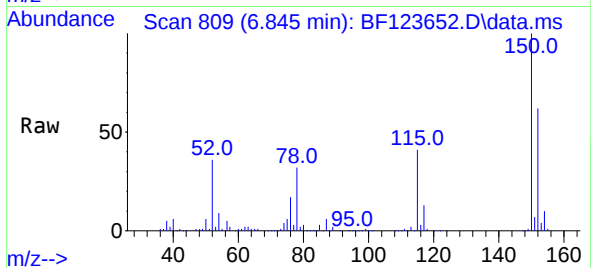




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF123652.D
Acq: 20 Apr 2021 20:16

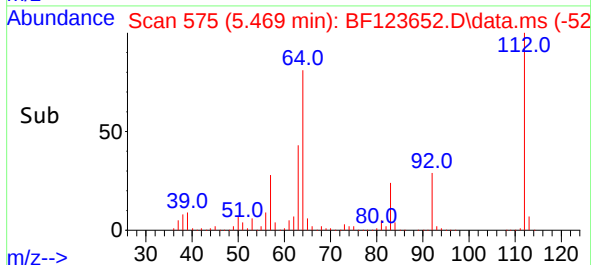
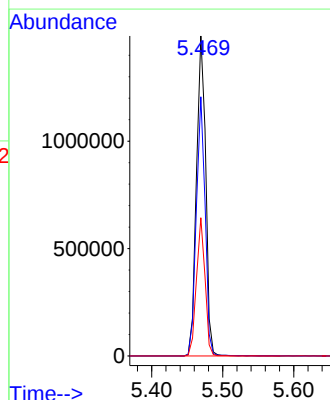
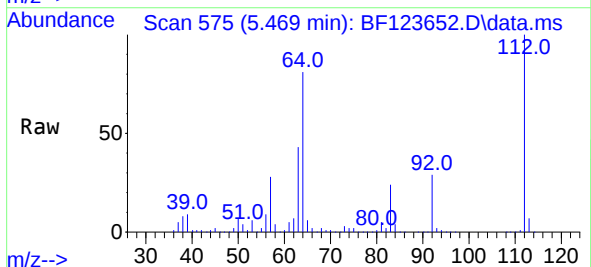
Instrument :
BNA_F
ClientSampleId :
SB-14-14.5-15.0

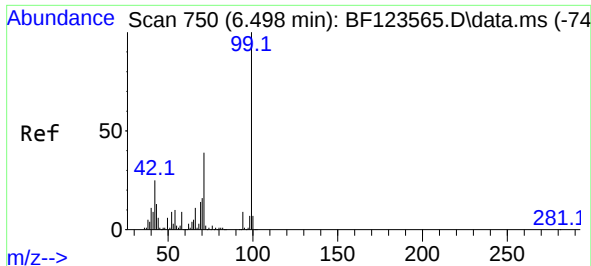
Tgt Ion:152 Resp: 233897
Ion Ratio Lower Upper
152 100
150 160.1 127.0 190.6
115 66.4 54.3 81.5



#5
2-Fluorophenol
Concen: 93.38 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.000 min
Lab File: BF123652.D
Acq: 20 Apr 2021 20:16

Tgt Ion:112 Resp: 1351325
Ion Ratio Lower Upper
112 100
64 81.0 61.4 92.0
63 43.2 33.0 49.4



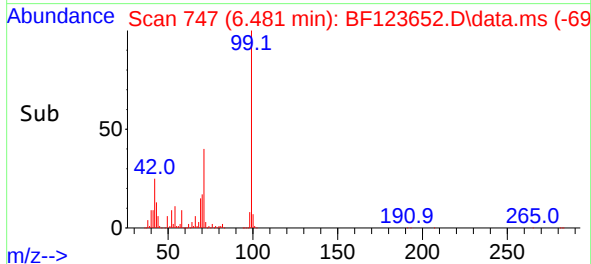
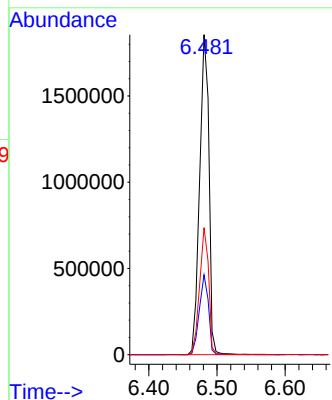
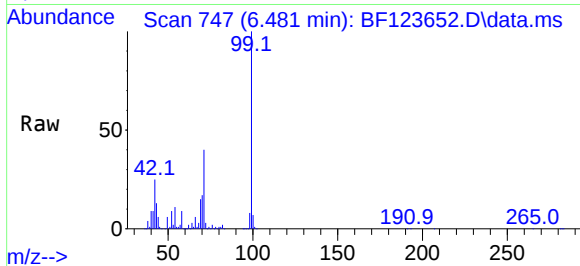


#7
Phenol-d6
Concen: 87.59 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF123652.D
Acq: 20 Apr 2021 20:16

Instrument :
BNA_F
ClientSampleId :
SB-14-14.5-15.0

Tgt Ion: 99 Resp: 1756467

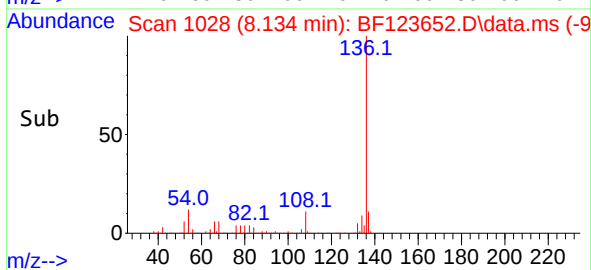
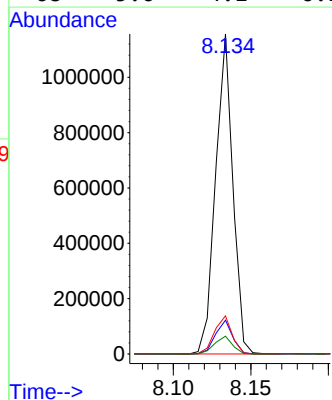
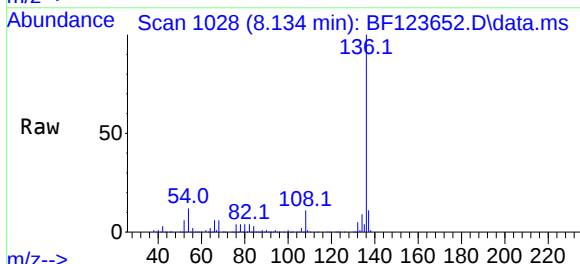
Ion	Ratio	Lower	Upper
99	100		
42	24.9	19.8	29.8
71	39.7	31.1	46.7

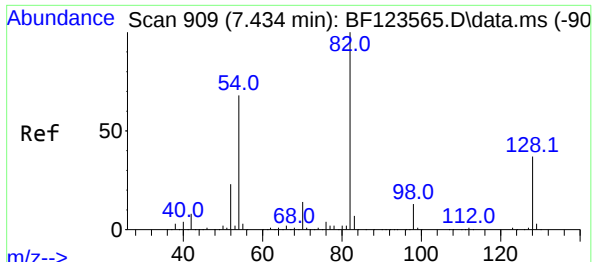


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF123652.D
Acq: 20 Apr 2021 20:16

Tgt Ion: 136 Resp: 894897

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	11.9	9.8	14.6
68	5.6	4.1	6.1

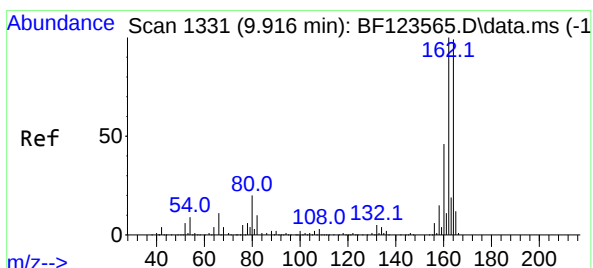
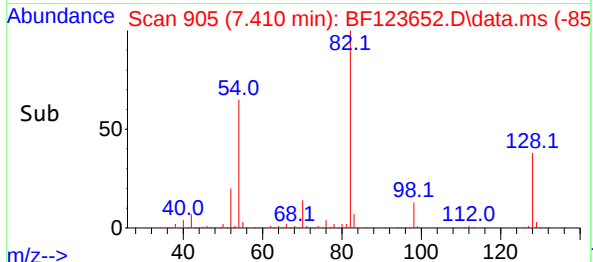
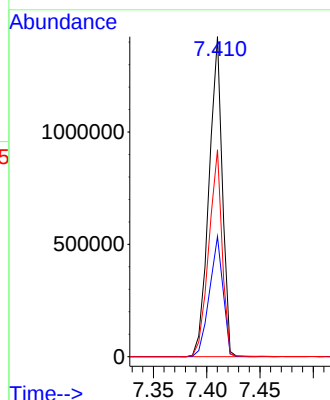
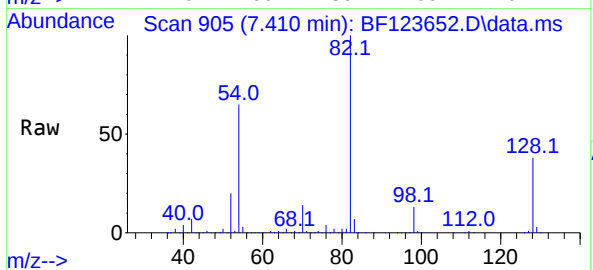




#23
Nitrobenzene-d5
Concen: 64.09 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF123652.D
Acq: 20 Apr 2021 20:16

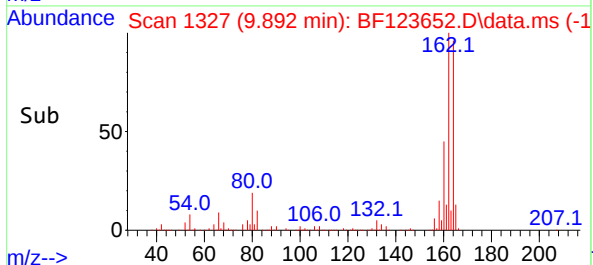
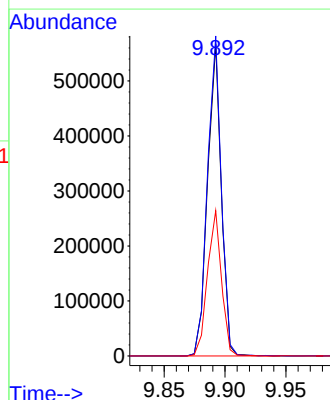
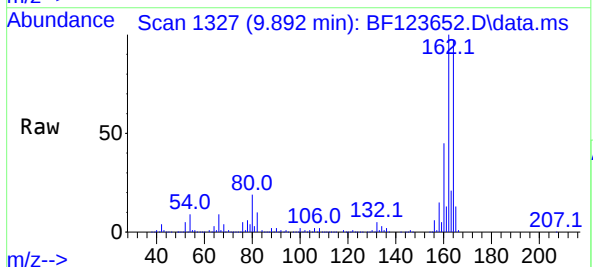
Instrument :
BNA_F
ClientSampleId :
SB-14-14.5-15.0

Tgt Ion: 82 Resp: 1247561
Ion Ratio Lower Upper
82 100
128 37.6 29.4 44.2
54 64.7 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: BF123652.D
Acq: 20 Apr 2021 20:16

Tgt Ion:164 Resp: 444802
Ion Ratio Lower Upper
164 100
162 102.6 80.7 121.1
160 46.6 37.3 55.9

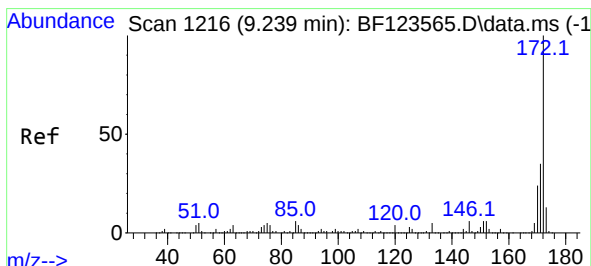
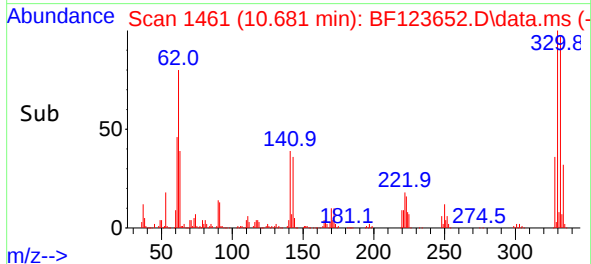
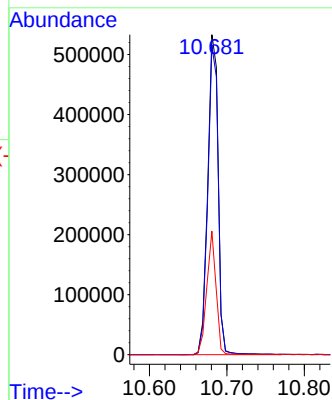
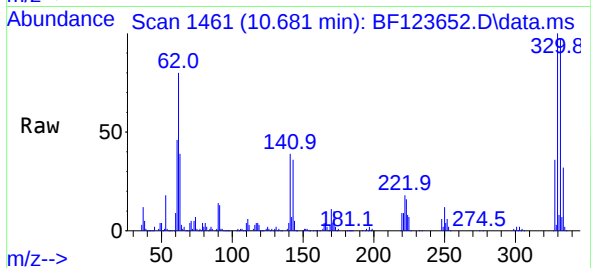




#42
2,4,6-Tribromophenol
Concen: 98.88 ng
RT: 10.681 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF123652.D
Acq: 20 Apr 2021 20:16

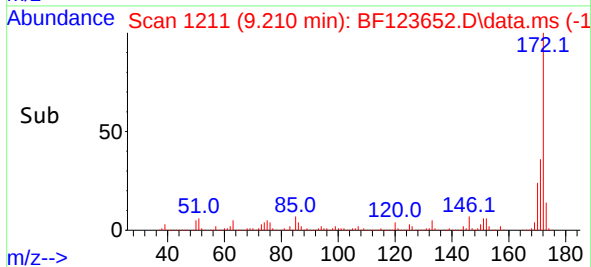
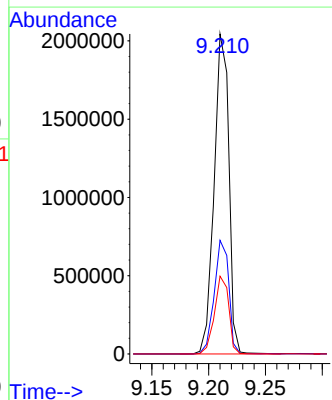
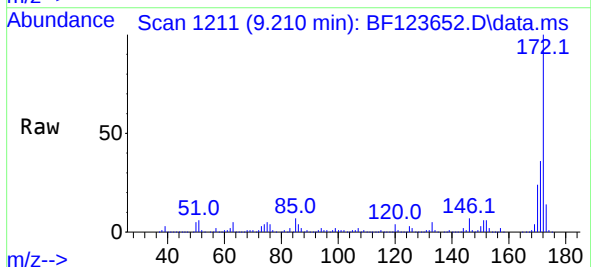
Instrument :
BNA_F
ClientSampleId :
SB-14-14.5-15.0

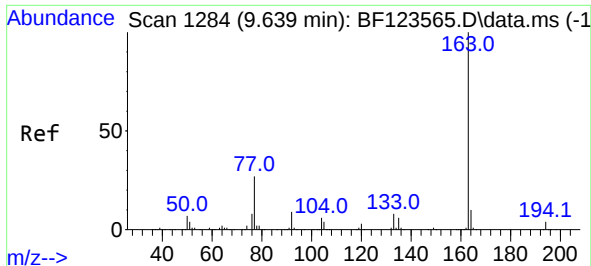
Tgt Ion:330 Resp: 498051
Ion Ratio Lower Upper
330 100
332 95.8 77.1 115.7
141 34.5 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 61.82 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF123652.D
Acq: 20 Apr 2021 20:16

Tgt Ion:172 Resp: 1844703
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 24.3 19.2 28.8



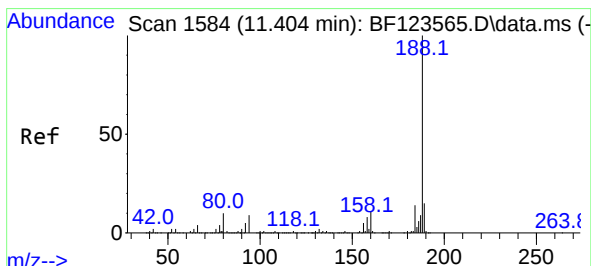
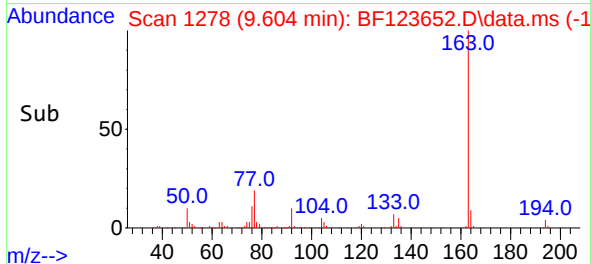
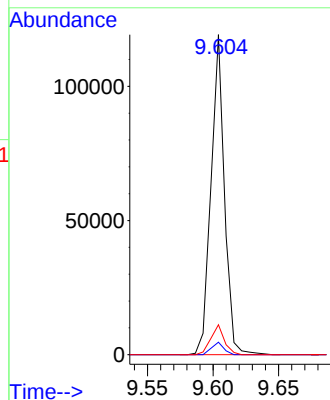
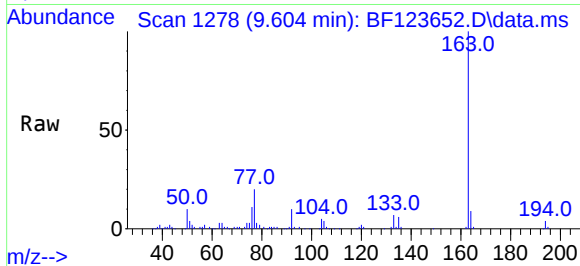


#50
Dimethylphthalate
Concen: 2.78 ng
RT: 9.604 min Scan# 1278
Delta R.T. -0.018 min
Lab File: BF123652.D
Acq: 20 Apr 2021 20:16

Instrument :
BNA_F
ClientSampleId :
SB-14-14.5-15.0

Tgt Ion:163 Resp: 85341

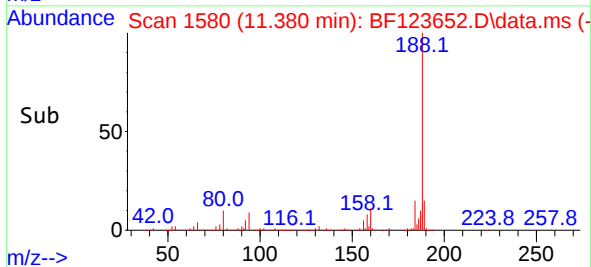
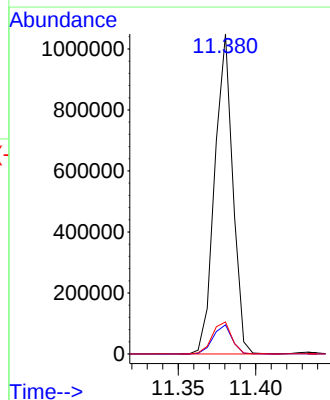
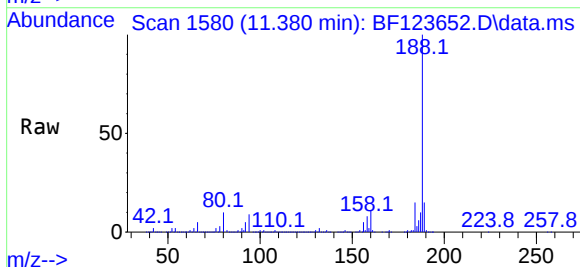
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	9.3	8.2	12.2

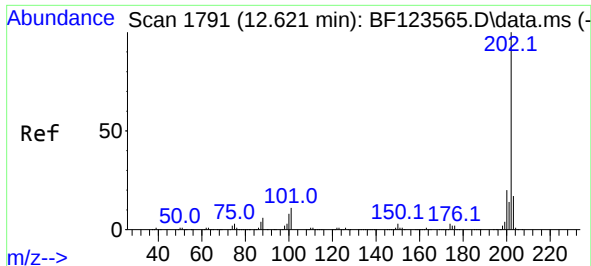


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF123652.D
Acq: 20 Apr 2021 20:16

Tgt Ion:188 Resp: 849749

Ion	Ratio	Lower	Upper
188	100		
94	9.1	6.9	10.3
80	10.0	8.2	12.2

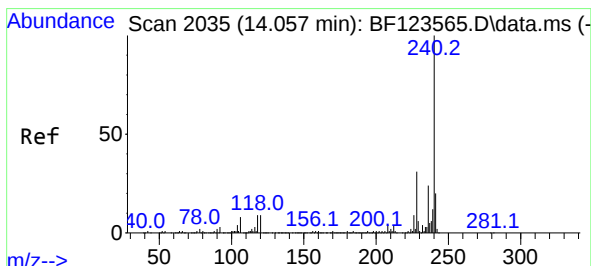
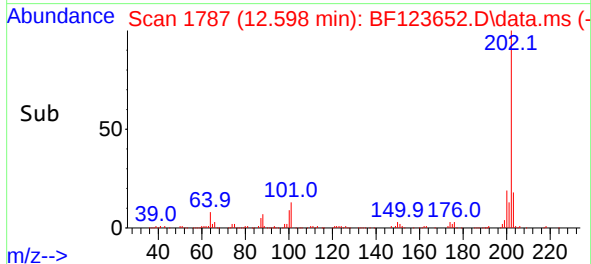
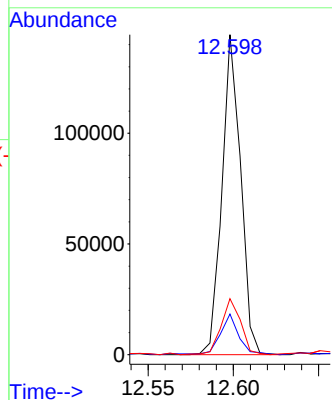
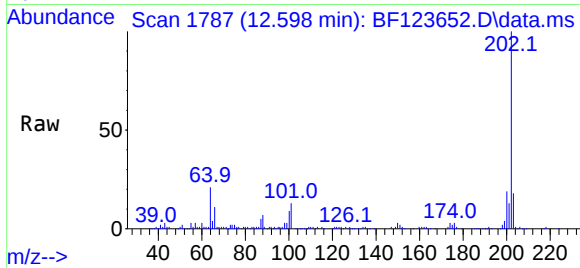




#75
Fluoranthene
Concen: 2.26 ng
RT: 12.598 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BF123652.D
Acq: 20 Apr 2021 20:16

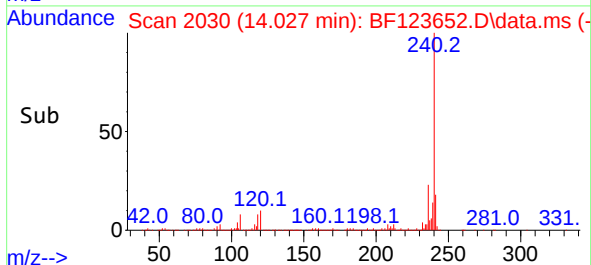
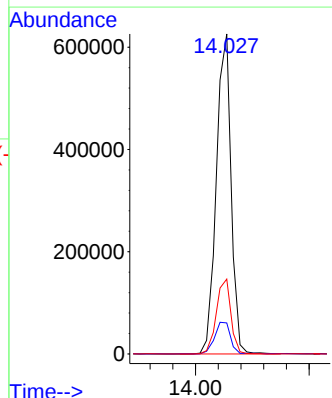
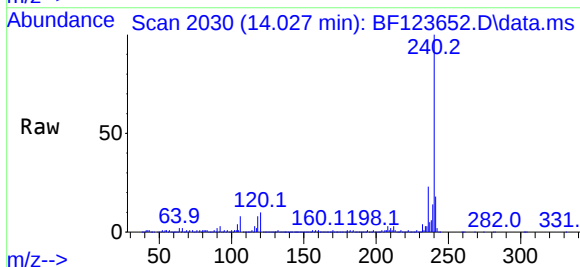
Instrument :
BNA_F
ClientSampleId :
SB-14-14.5-15.0

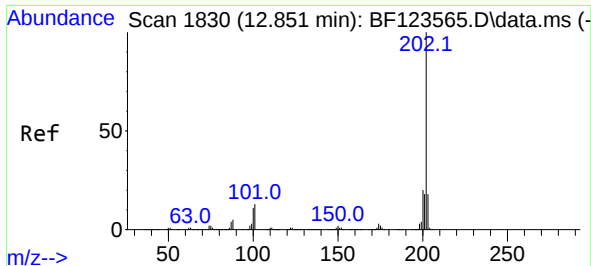
Tgt Ion:	202	Resp:	110088
Ion Ratio	Lower	Upper	
202	100		
101	12.7	0.0	30.9
203	17.5	0.0	37.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF123652.D
Acq: 20 Apr 2021 20:16

Tgt Ion:	240	Resp:	565194
Ion Ratio	Lower	Upper	
240	100		
120	9.7	7.2	10.8
236	23.4	19.0	28.4

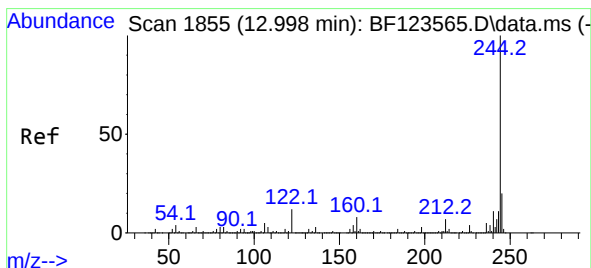
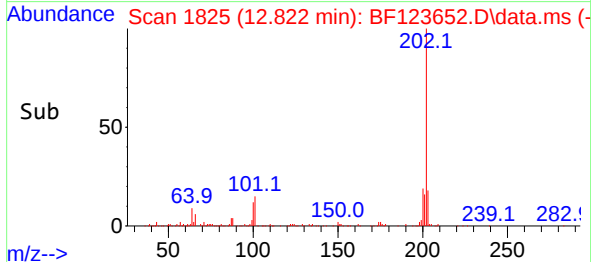
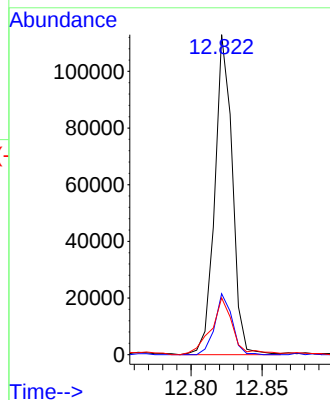
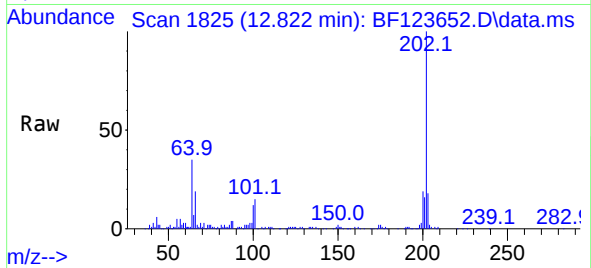




#78
Pyrene
Concen: 2.35 ng
RT: 12.822 min Scan# 1825
Delta R.T. -0.012 min
Lab File: BF123652.D
Acq: 20 Apr 2021 20:16

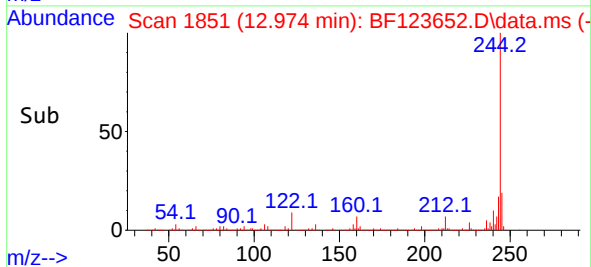
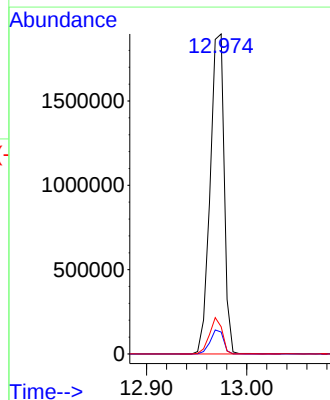
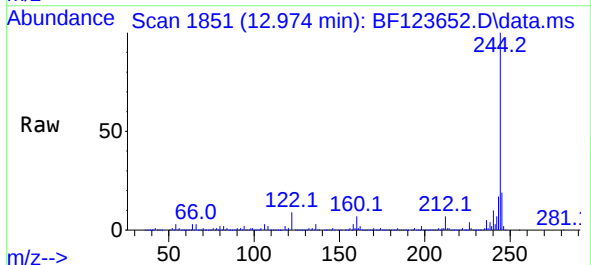
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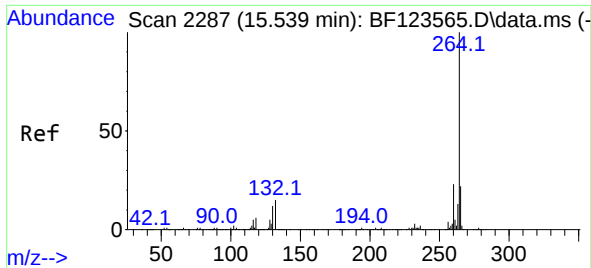
Tgt Ion:202 Resp: 96998
Ion Ratio Lower Upper
202 100
200 19.0 16.1 24.1
203 17.7 14.8 22.2



#79
Terphenyl-d14
Concen: 63.43 ng
RT: 12.974 min Scan# 1851
Delta R.T. 0.000 min
Lab File: BF123652.D
Acq: 20 Apr 2021 20:16

Tgt Ion:244 Resp: 1844537
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 8.5 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: BF123652.D
 Acq: 20 Apr 2021 20:16

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-14.5-15.0

Tgt Ion:264 Resp: 513992

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	21.5	17.8	26.8

