

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
 Data File : BF123607.D
 Acq On : 16 Apr 2021 23:27
 Operator : JU/CG
 Sample : M2048-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-0-2.0

Quant Time: Apr 17 01:26:55 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 16 10:31:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	225620	20.00	ng	0.00
21) Naphthalene-d8	8.157	136	848291	20.00	ng	0.00
39) Acenaphthene-d10	9.916	164	404889	20.00	ng	0.00
64) Phenanthrene-d10	11.404	188	710382	20.00	ng	0.00
76) Chrysene-d12	14.051	240	443323	20.00	ng	0.00
86) Perylene-d12	15.539	264	420339	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1172882	84.02	ng	0.02
7) Phenol-d6	6.510	99	1503082	77.70	ng	0.01
23) Nitrobenzene-d5	7.428	82	1038764	56.29	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	332248	72.47	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1553795	57.21	ng	0.00
79) Terphenyl-d14	12.998	244	1273845	55.85	ng	0.00

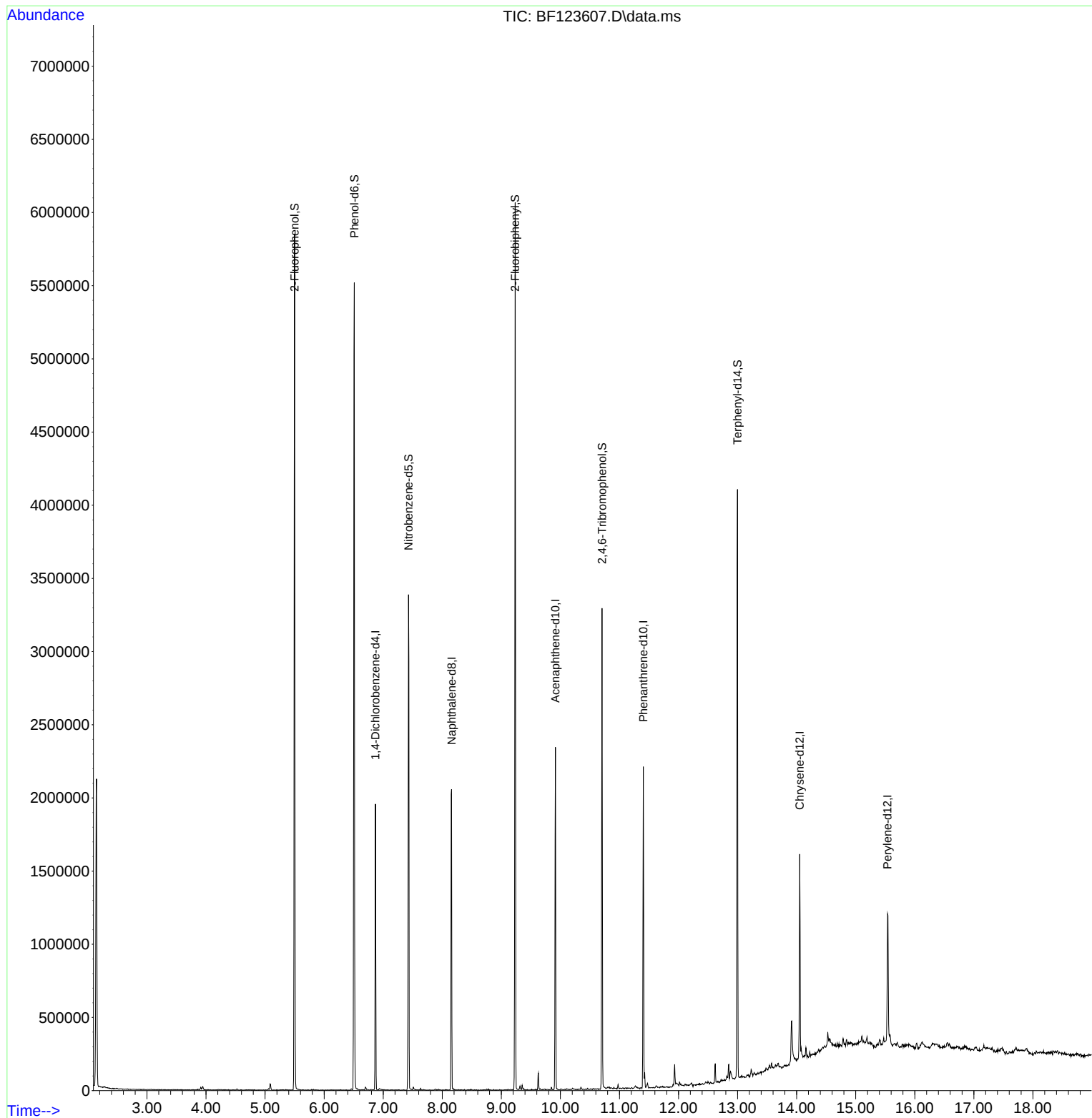
Target Compounds	Qvalue

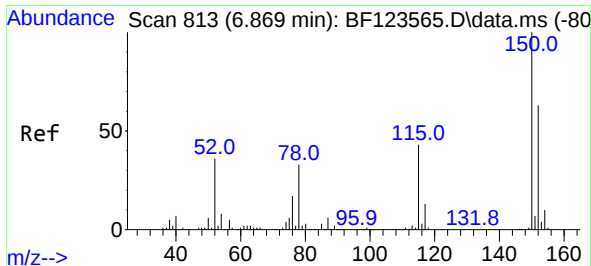
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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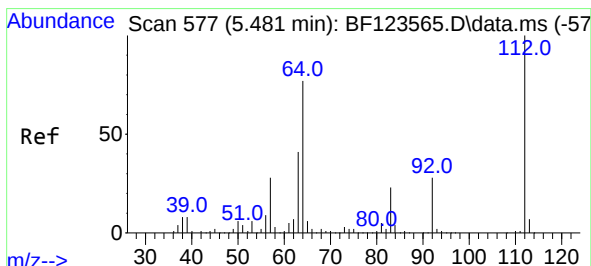
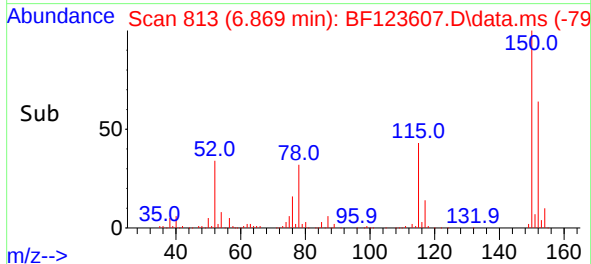
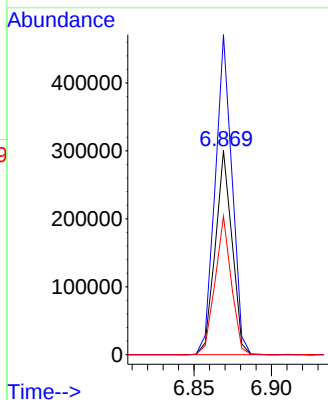
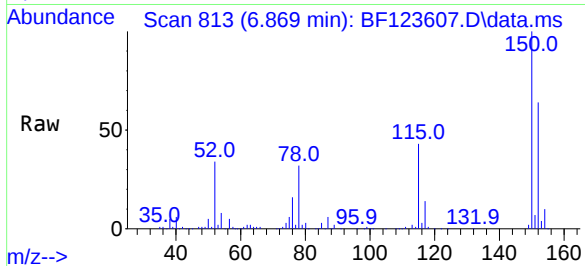




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF123607.D
Acq: 16 Apr 2021 23:27

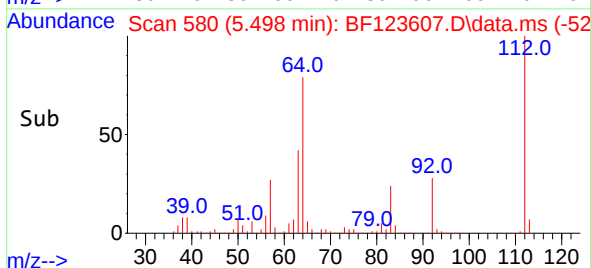
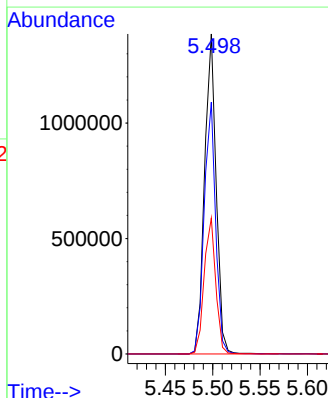
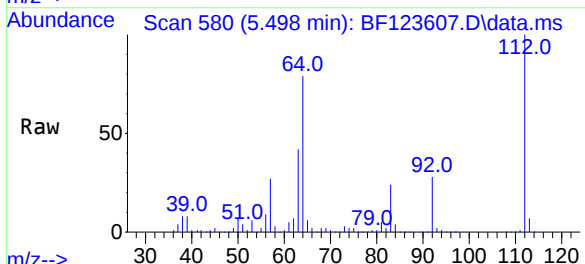
Instrument :
BNA_F
ClientSampleId :
SB-03-0-2.0

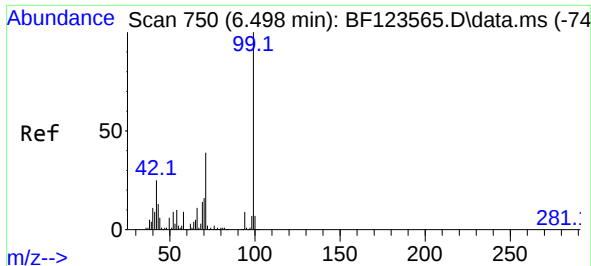
Tgt Ion:152 Resp: 225620
Ion Ratio Lower Upper
152 100
150 156.8 127.0 190.6
115 67.8 54.3 81.5



#5
2-Fluorophenol
Concen: 84.02 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF123607.D
Acq: 16 Apr 2021 23:27

Tgt Ion:112 Resp: 1172882
Ion Ratio Lower Upper
112 100
64 78.7 61.4 92.0
63 42.4 33.0 49.4



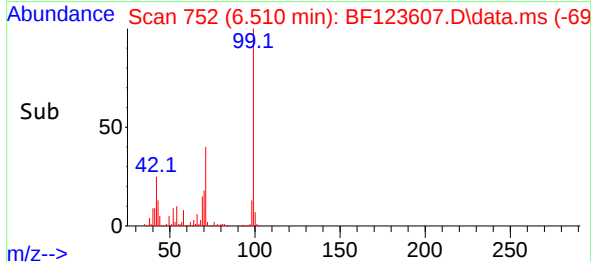
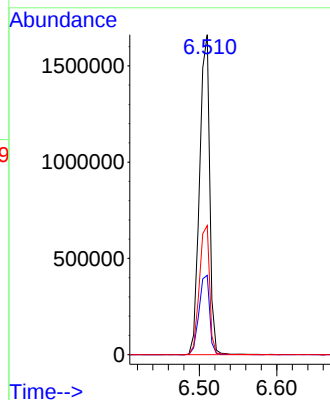
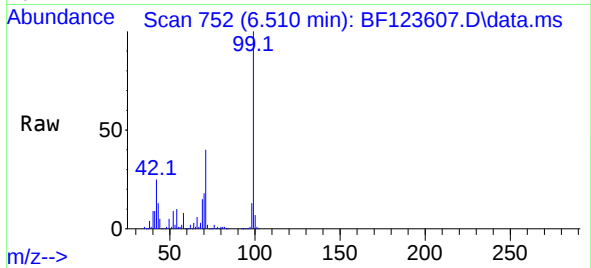


#7
Phenol-d6
Concen: 77.70 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.012 min
Lab File: BF123607.D
Acq: 16 Apr 2021 23:27

Instrument :
BNA_F
ClientSampleId :
SB-03-0-2.0

Tgt Ion: 99 Resp: 1503082

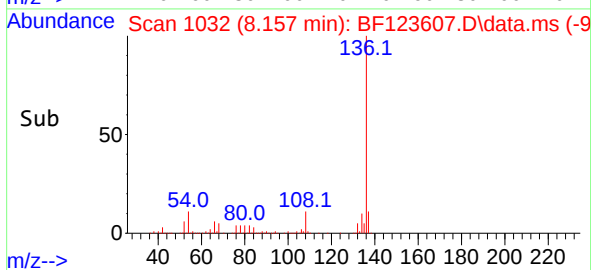
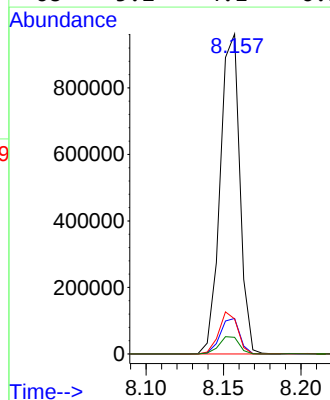
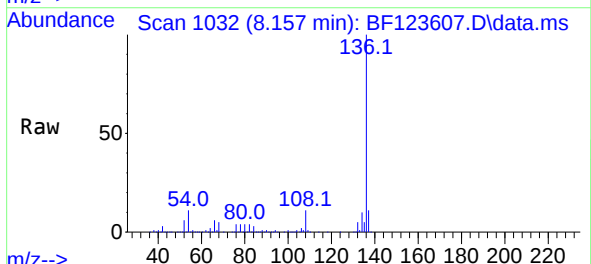
Ion	Ratio	Lower	Upper
99	100		
42	24.8	19.8	29.8
71	40.4	31.1	46.7

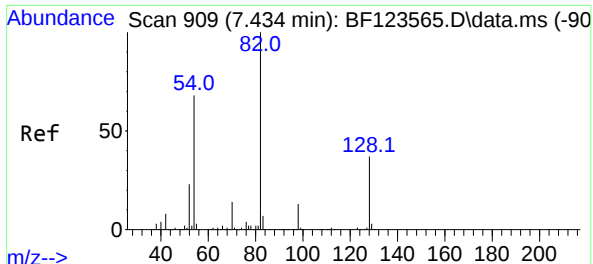


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF123607.D
Acq: 16 Apr 2021 23:27

Tgt Ion: 136 Resp: 848291

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	11.0	9.8	14.6
68	5.2	4.1	6.1





#23

Nitrobenzene-d5

Concen: 56.29 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF123607.D

Acq: 16 Apr 2021 23:27

Instrument :

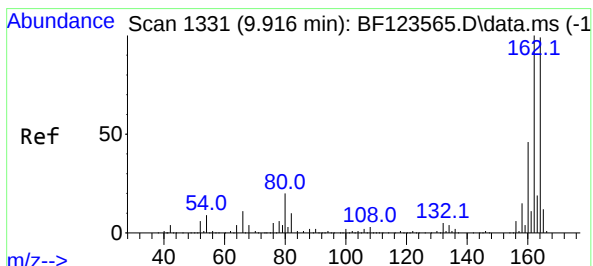
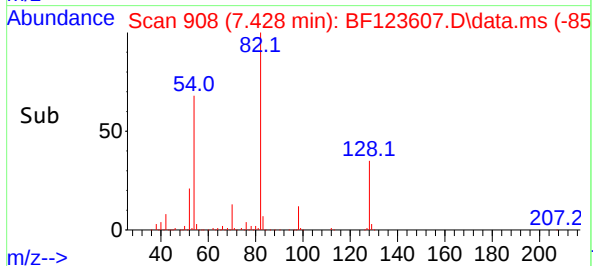
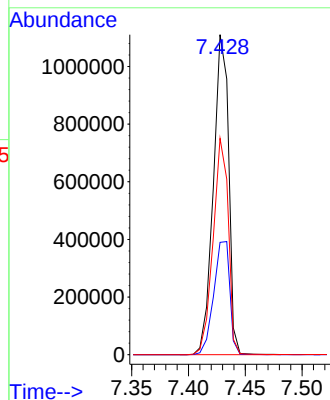
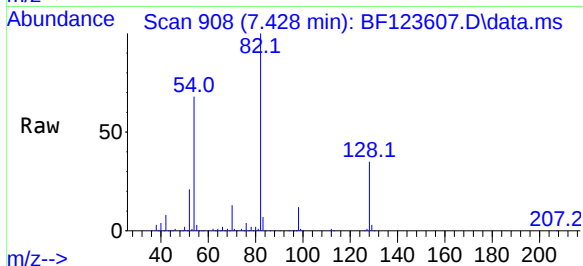
BNA_F

ClientSampleId :

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Tgt Ion: 82 Resp: 1038764

Ion	Ratio	Lower	Upper
82	100		
128	35.1	29.4	44.2
54	67.6	54.1	81.1



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.916 min Scan# 1331

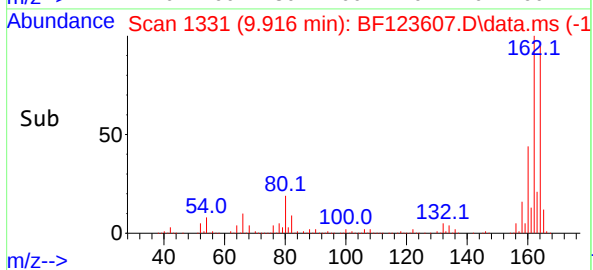
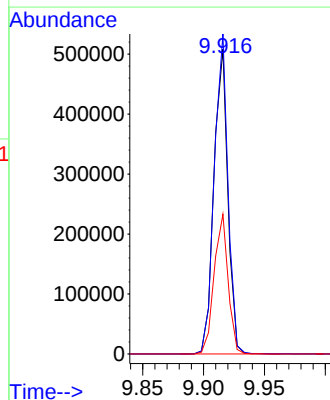
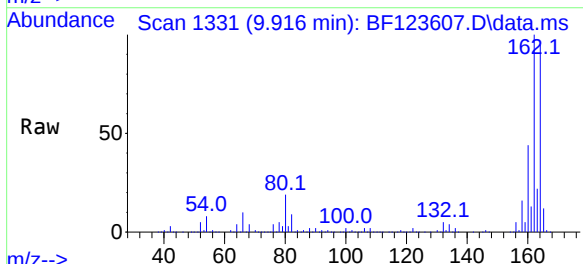
Delta R.T. 0.000 min

Lab File: BF123607.D

Acq: 16 Apr 2021 23:27

Tgt Ion: 164 Resp: 404889

Ion	Ratio	Lower	Upper
164	100		
162	105.0	80.7	121.1
160	45.8	37.3	55.9

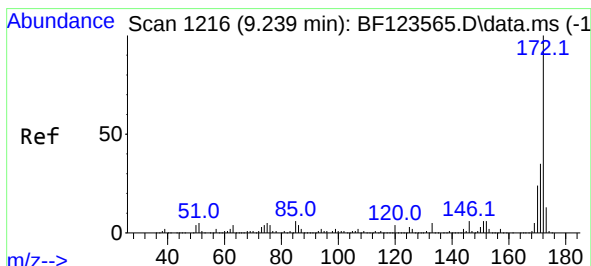
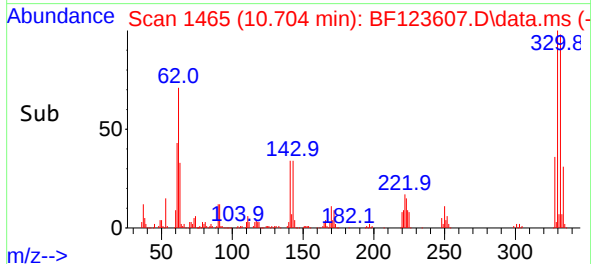
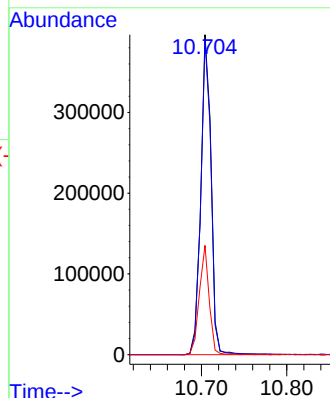
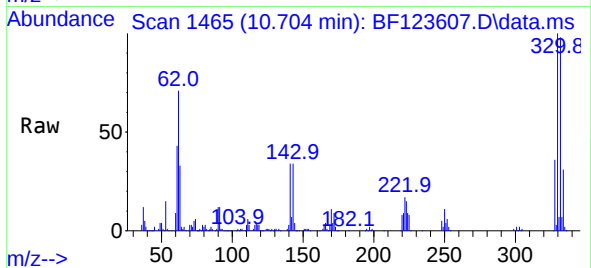




#42
2,4,6-Tribromophenol
Concen: 72.47 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF123607.D
Acq: 16 Apr 2021 23:27

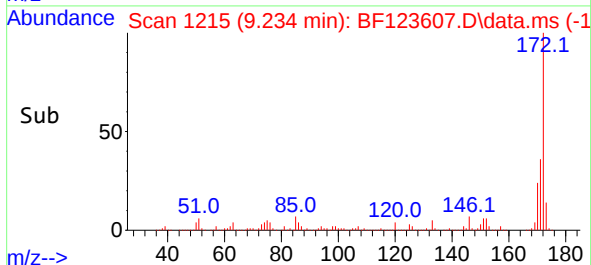
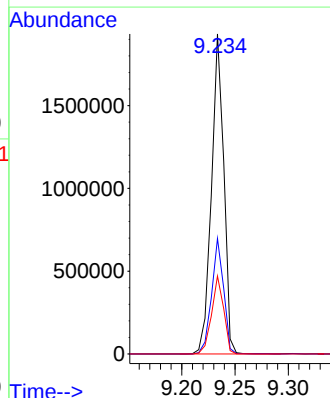
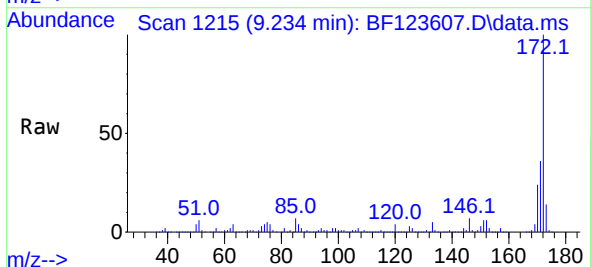
Instrument :
BNA_F
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SB-03-0-2.0

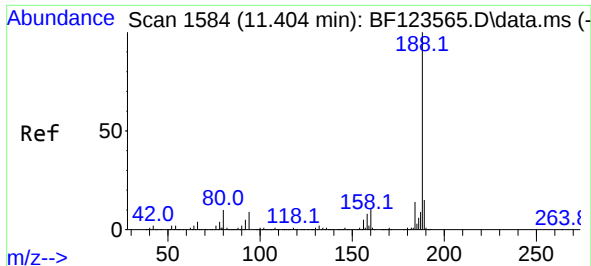
Tgt Ion: 330 Resp: 332248
Ion Ratio Lower Upper
330 100
332 97.4 77.1 115.7
141 32.7 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 57.21 ng
RT: 9.234 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF123607.D
Acq: 16 Apr 2021 23:27

Tgt Ion: 172 Resp: 1553795
Ion Ratio Lower Upper
172 100
171 36.1 28.1 42.1
170 24.4 19.2 28.8



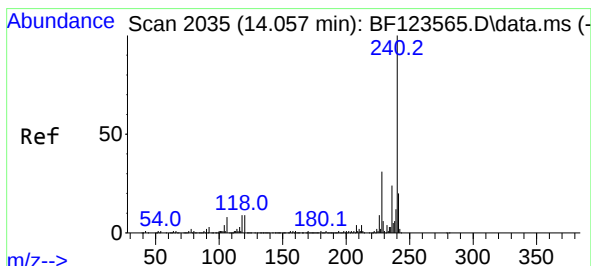
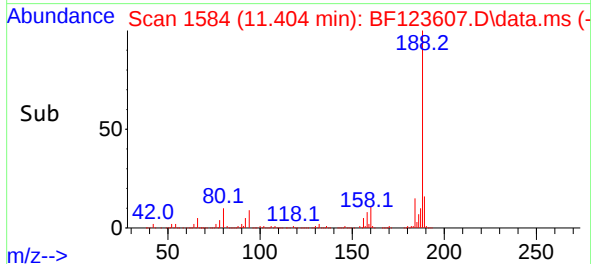
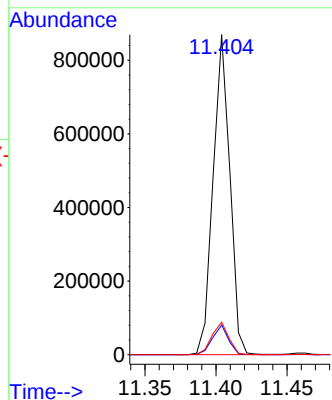
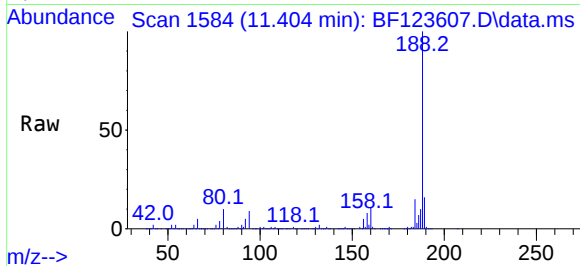


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.404 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF123607.D
Acq: 16 Apr 2021 23:27

Instrument :
BNA_F
ClientSampleId :
SB-03-0-2.0

Tgt Ion:188 Resp: 710382

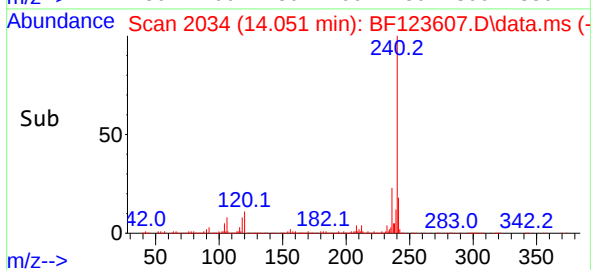
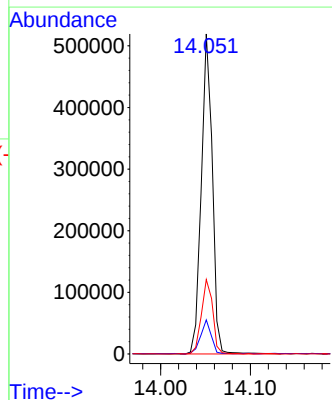
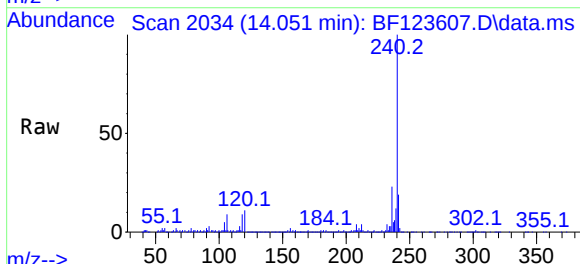
Ion	Ratio	Lower	Upper
188	100		
94	9.3	6.9	10.3
80	10.2	8.2	12.2

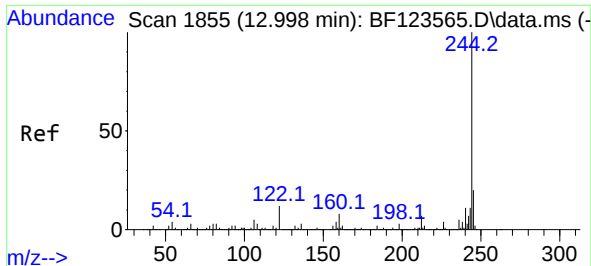


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF123607.D
Acq: 16 Apr 2021 23:27

Tgt Ion:240 Resp: 443323

Ion	Ratio	Lower	Upper
240	100		
120	10.7	7.2	10.8
236	23.2	19.0	28.4

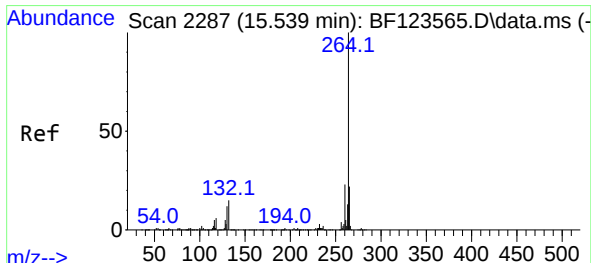
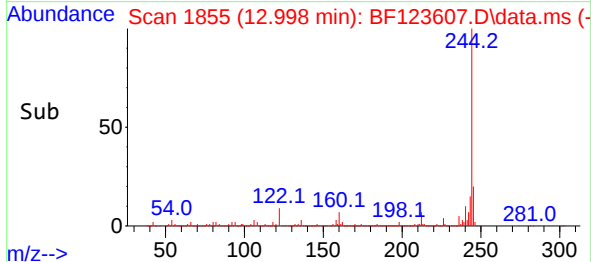
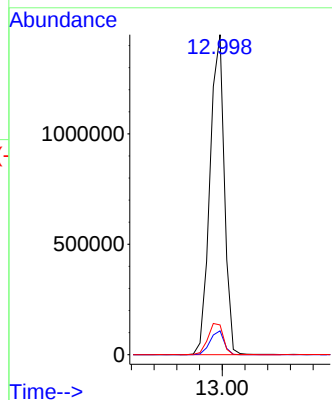
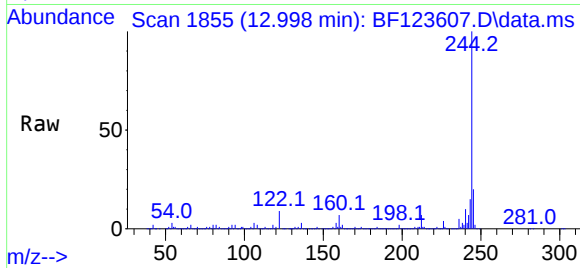




#79
Terphenyl-d14
Concen: 55.85 ng
RT: 12.998 min Scan# 1855
Delta R.T. 0.000 min
Lab File: BF123607.D
Acq: 16 Apr 2021 23:27

Instrument :
BNA_F
ClientSampleId :
SB-03-0-2.0

Tgt Ion:244 Resp: 1273845
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 9.3 9.7 14.5#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.539 min Scan# 2287
Delta R.T. 0.000 min
Lab File: BF123607.D
Acq: 16 Apr 2021 23:27

Tgt Ion:264 Resp: 420339
Ion Ratio Lower Upper
264 100
260 23.4 18.7 28.1
265 22.6 17.8 26.8

