

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093021\
 Data File : BF125735.D
 Acq On : 30 Sep 2021 16:05
 Operator : JU/CG
 Sample : M3971-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-COMP-1

Quant Time: Sep 30 17:16:35 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 24 15:38:32 2021
 Response via : Initial Calibration

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

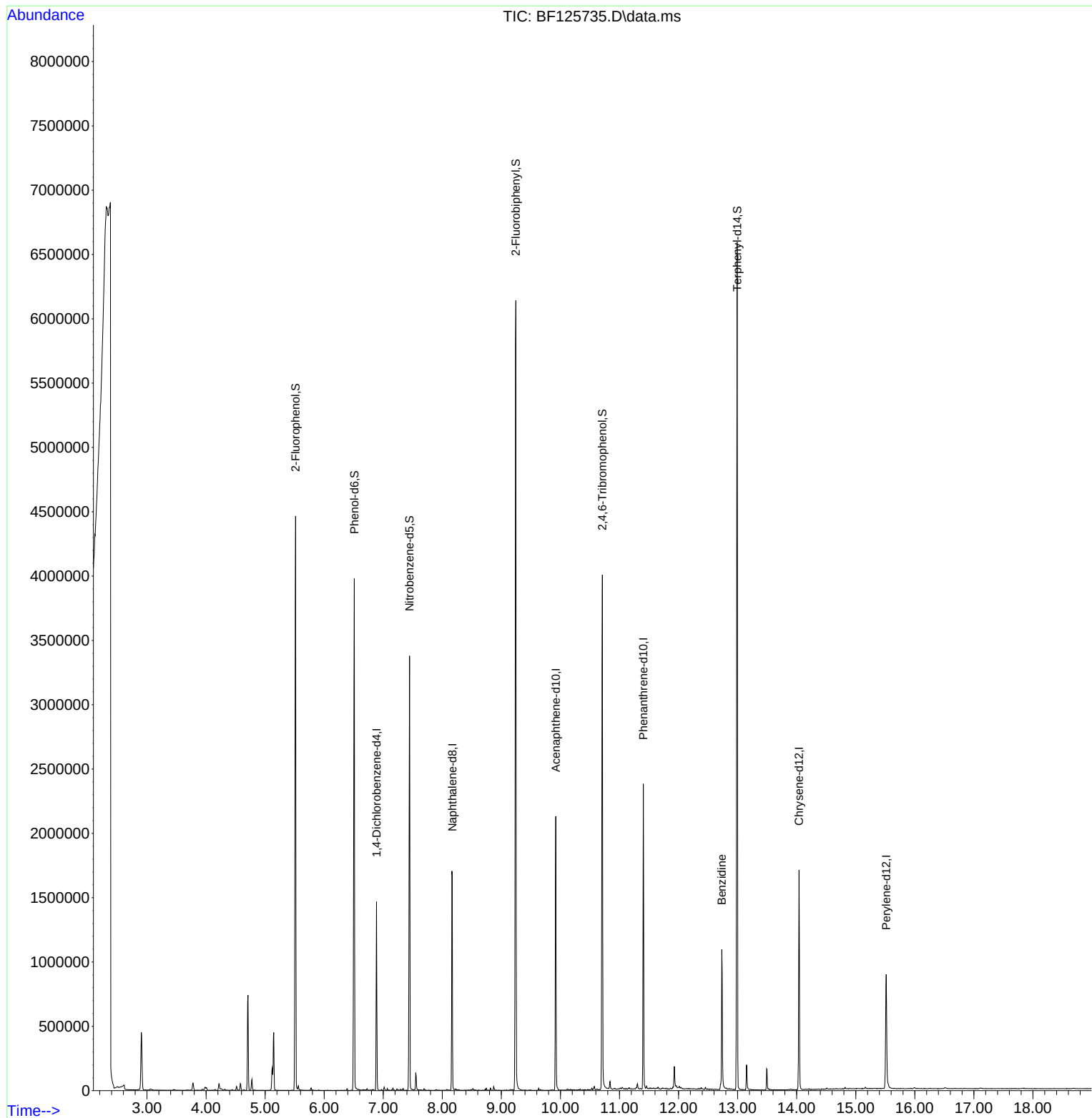
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	203373	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	820597	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	438052	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	779325	20.000	ng	0.00
76) Chrysene-d12	14.039	240	571378	20.000	ng	0.00
86) Perylene-d12	15.515	264	441343	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1407495	114.024	ng	0.01
7) Phenol-d6	6.510	99	1521956	91.710	ng	0.00
23) Nitrobenzene-d5	7.445	82	1109375	94.296	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	553888	135.615	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2141922	88.392	ng	0.00
79) Terphenyl-d14	12.992	244	2345648	71.093	ng	0.00
Target Compounds						
77) Benzidine	12.733	184	431564	28.751	ng	Qvalue 96

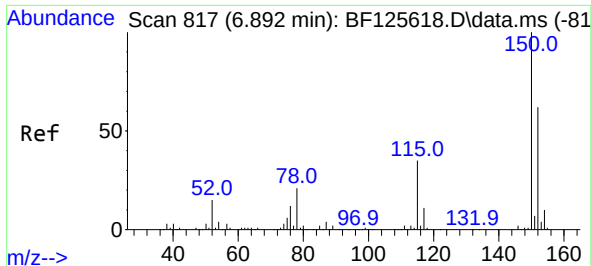
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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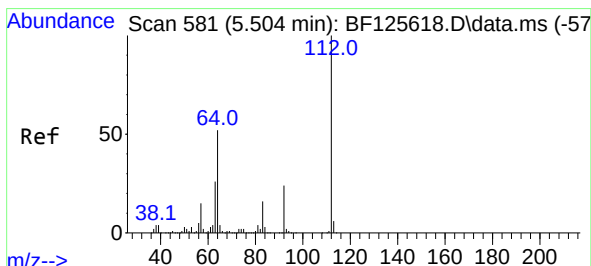
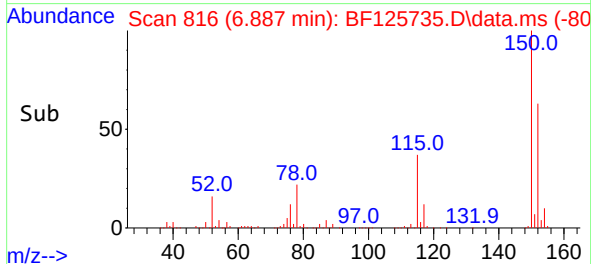
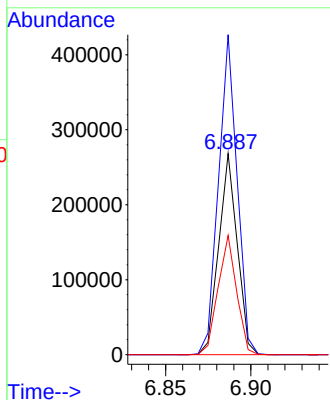
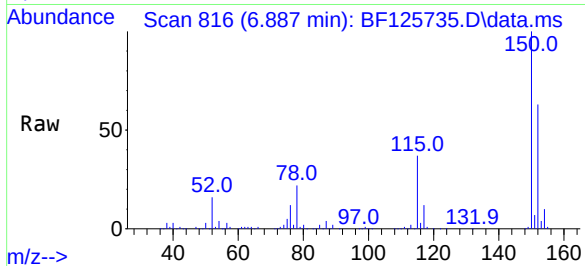




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF125735.D
Acq: 30 Sep 2021 16:05

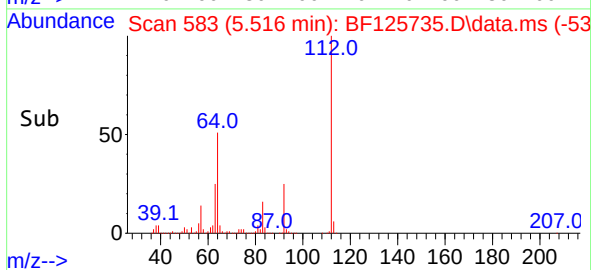
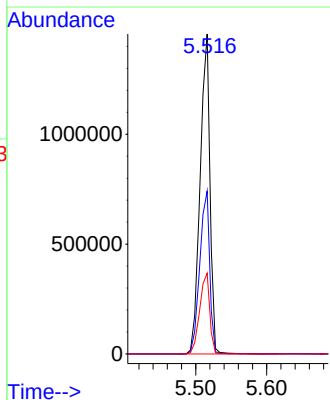
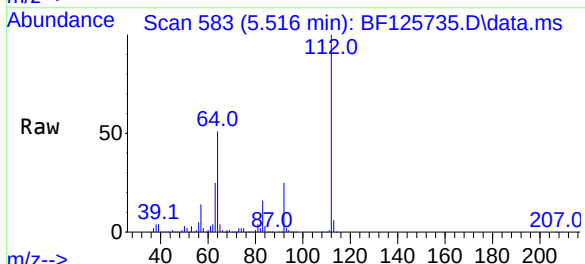
Instrument :
BNA_F
ClientSampleId :
RO-COMP-1

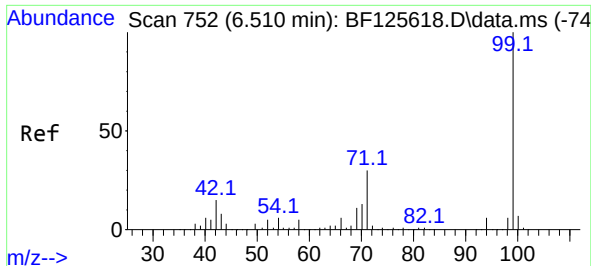
Tgt Ion:152 Resp: 203373
Ion Ratio Lower Upper
152 100
150 159.1 117.6 176.4
115 59.2 47.1 70.7



#5
2-Fluorophenol
Concen: 114.024 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.012 min
Lab File: BF125735.D
Acq: 30 Sep 2021 16:05

Tgt Ion:112 Resp: 1407495
Ion Ratio Lower Upper
112 100
64 50.9 44.2 66.2
63 25.2 26.2 39.2#

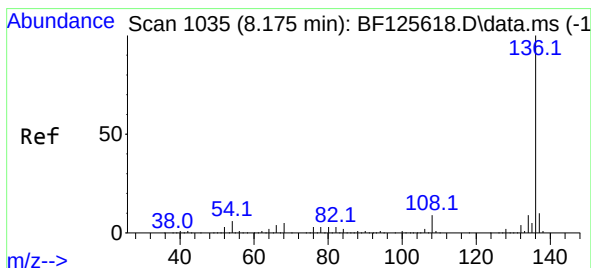
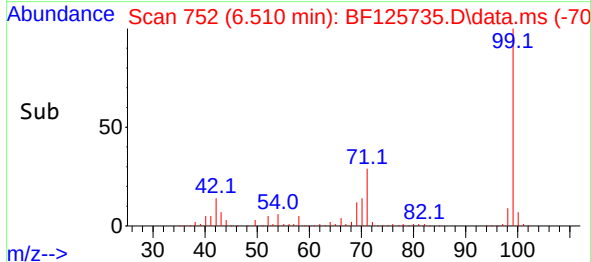
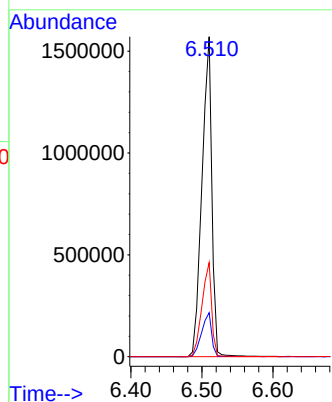
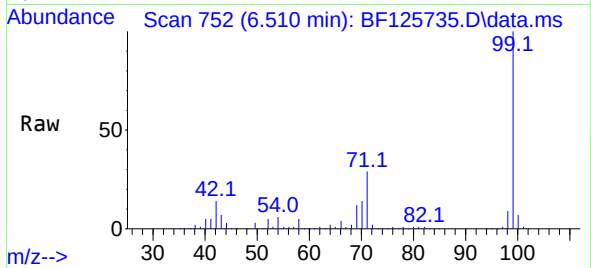




#7
Phenol-d6
Concen: 91.710 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF125735.D
Acq: 30 Sep 2021 16:05

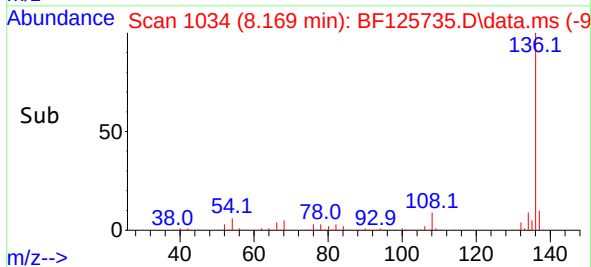
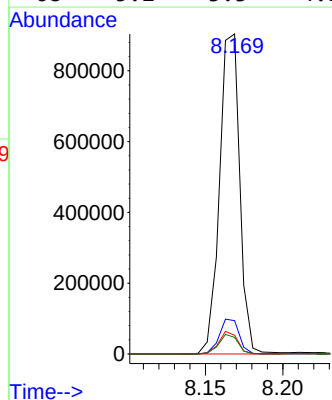
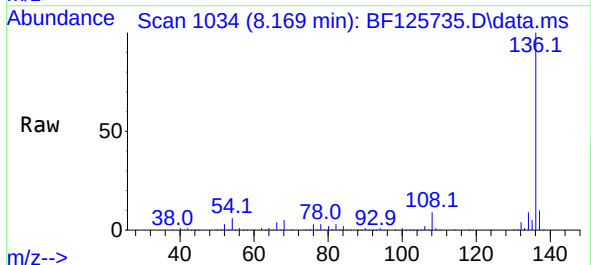
Instrument :
BNA_F
ClientSampleId :
RO-COMP-1

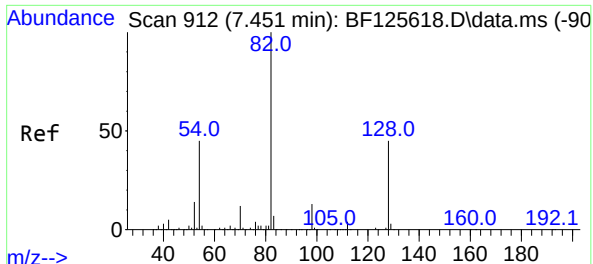
Tgt Ion: 99 Resp: 1521956
Ion Ratio Lower Upper
99 100
42 13.8 23.5 35.3#
71 29.4 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125735.D
Acq: 30 Sep 2021 16:05

Tgt Ion: 136 Resp: 820597
Ion Ratio Lower Upper
136 100
137 10.4 9.8 14.6
54 5.8 6.4 9.6#
68 5.2 3.3 4.9#

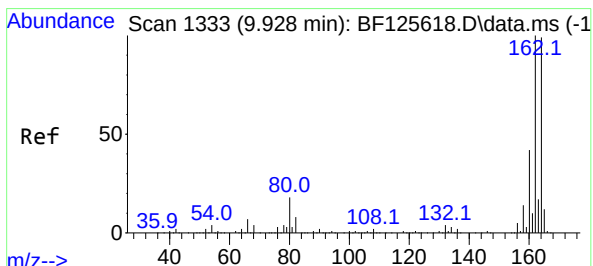
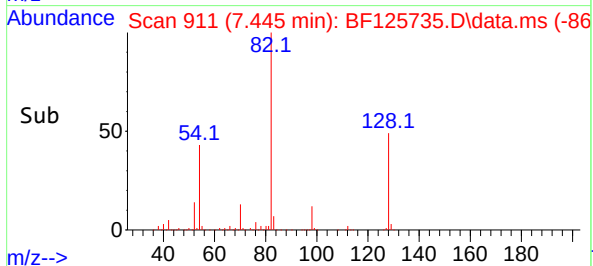
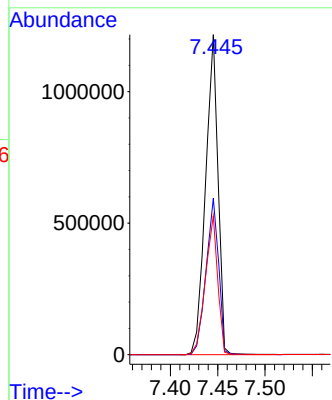
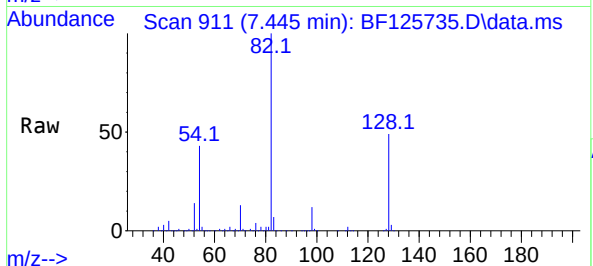




#23
Nitrobenzene-d5
Concen: 94.296 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF125735.D
Acq: 30 Sep 2021 16:05

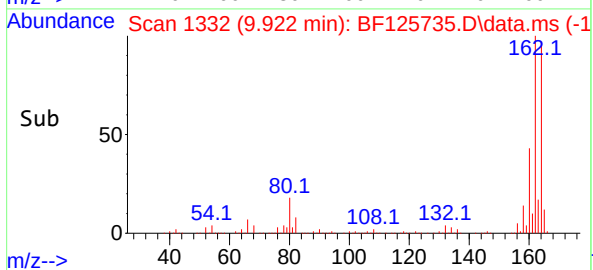
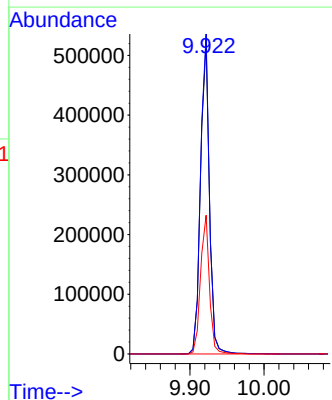
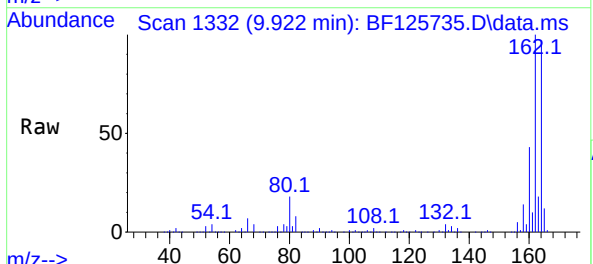
Instrument :
BNA_F
ClientSampleId :
RO-COMP-1

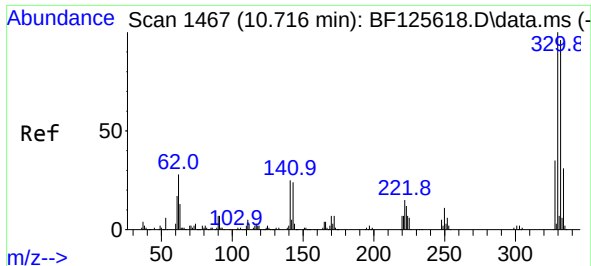
Tgt Ion: 82 Resp: 1109375
Ion Ratio Lower Upper
82 100
128 48.8 40.6 60.8
54 43.4 49.6 74.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF125735.D
Acq: 30 Sep 2021 16:05

Tgt Ion:164 Resp: 438052
Ion Ratio Lower Upper
164 100
162 102.6 81.3 121.9
160 44.5 38.0 57.0

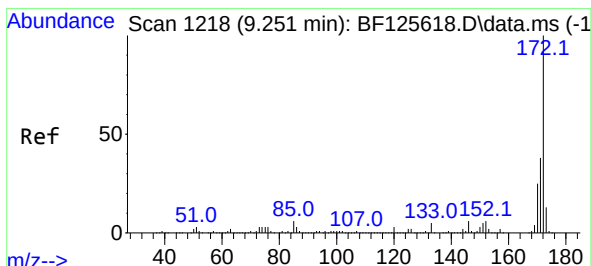
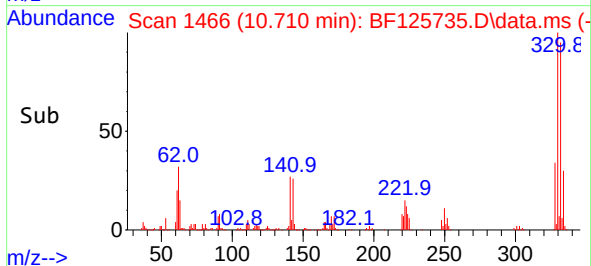
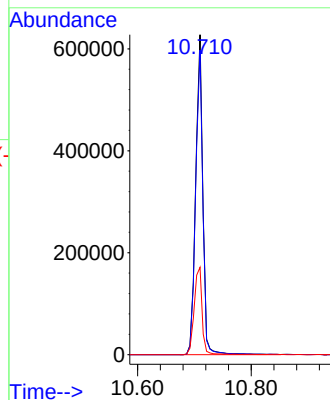
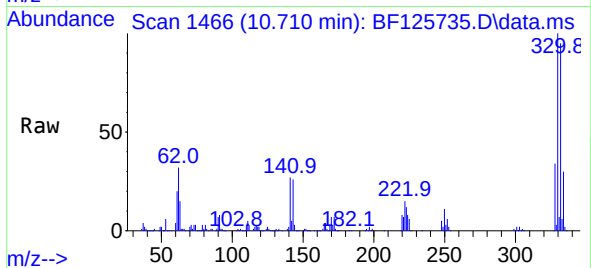




#42
2,4,6-Tribromophenol
Concen: 135.615 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF125735.D
Acq: 30 Sep 2021 16:05

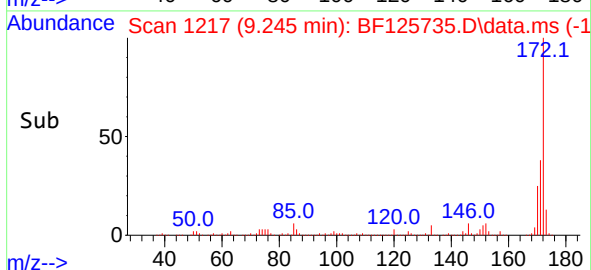
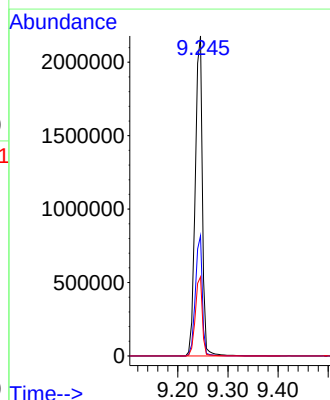
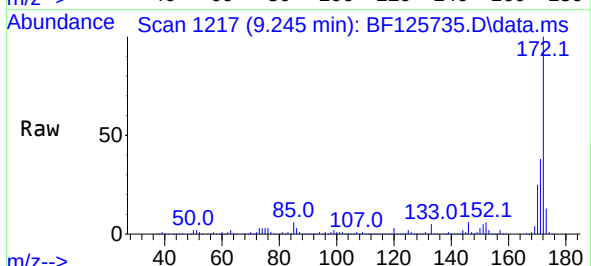
Instrument :
BNA_F
ClientSampleId :
RO-COMP-1

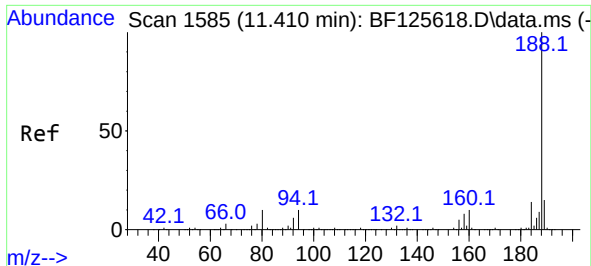
Tgt Ion: 330 Resp: 553888
Ion Ratio Lower Upper
330 100
332 96.0 76.2 114.4
141 30.1 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 88.392 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125735.D
Acq: 30 Sep 2021 16:05

Tgt Ion: 172 Resp: 2141922
Ion Ratio Lower Upper
172 100
171 37.5 26.5 39.7
170 24.7 18.8 28.2



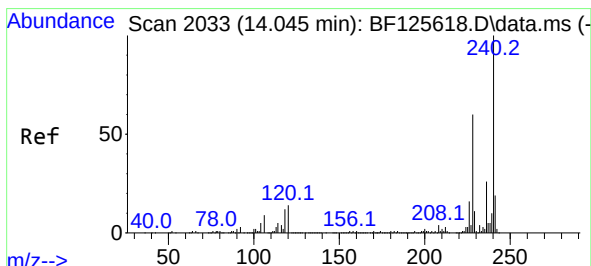
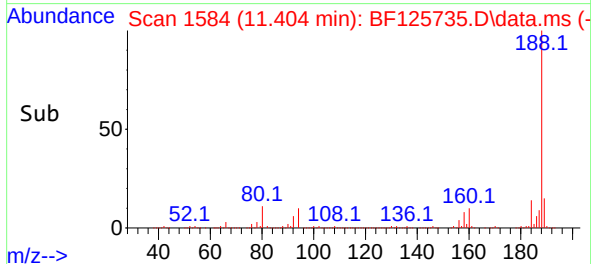
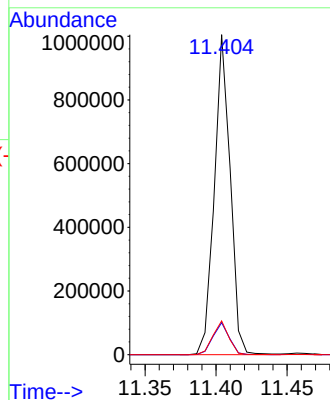
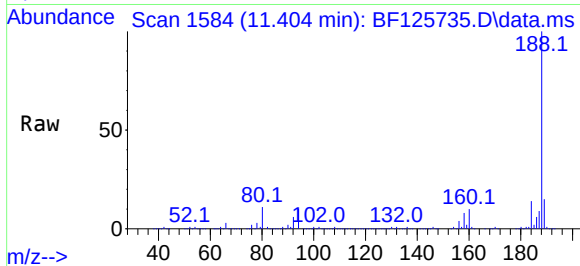


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125735.D
Acq: 30 Sep 2021 16:05

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:188 Resp: 779325

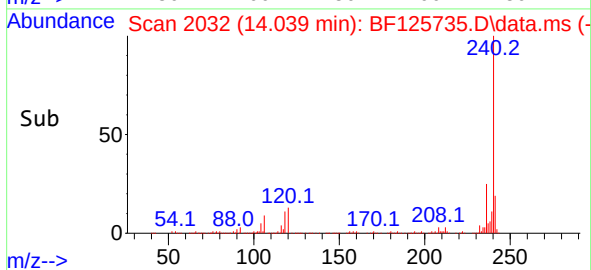
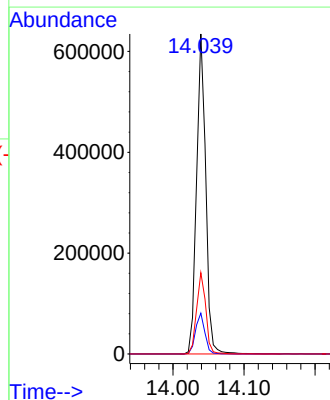
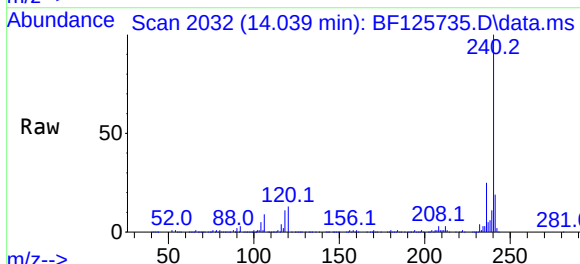
Ion	Ratio	Lower	Upper
188	100		
94	10.0	6.7	10.1
80	10.5	7.5	11.3

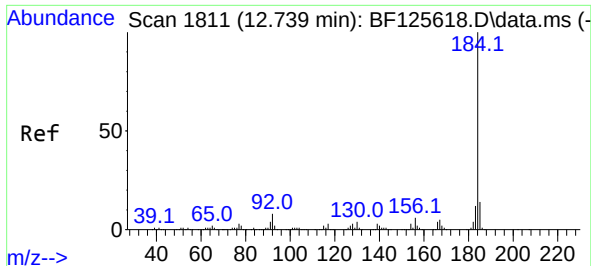


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF125735.D
Acq: 30 Sep 2021 16:05

Tgt Ion:240 Resp: 571378

Ion	Ratio	Lower	Upper
240	100		
120	12.8	10.8	16.2
236	25.4	21.6	32.4

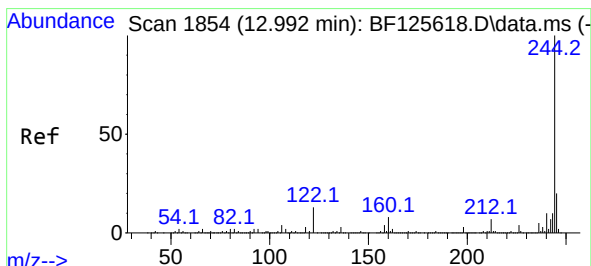
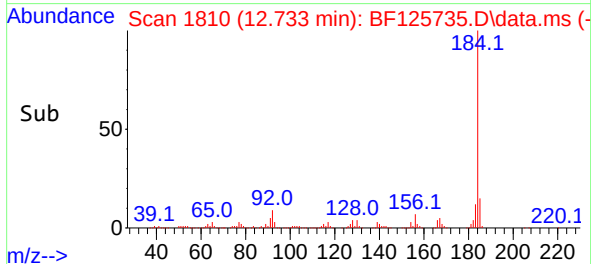
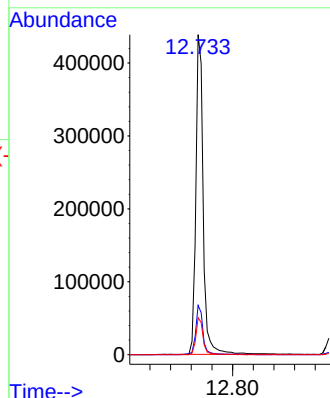
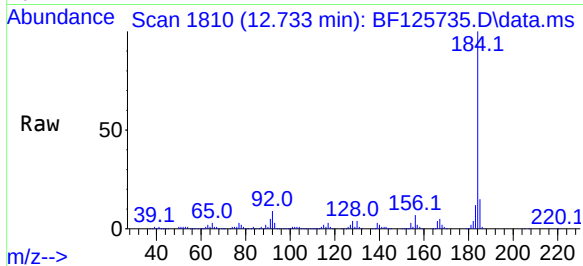




#77
Benzidine
Concen: 28.751 ng
RT: 12.733 min Scan# 1810
Delta R.T. -0.006 min
Lab File: BF125735.D
Acq: 30 Sep 2021 16:05

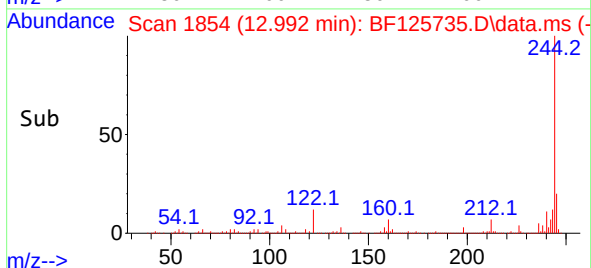
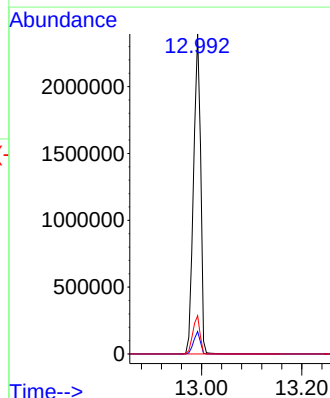
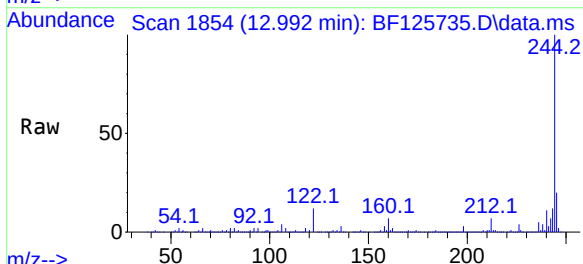
Instrument :
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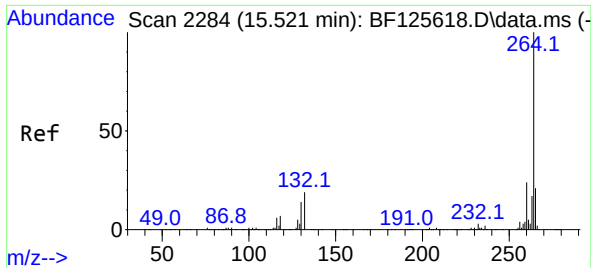
Tgt Ion:184 Resp: 431564
Ion Ratio Lower Upper
184 100
185 15.4 10.8 16.2
183 11.6 8.1 12.1



#79
Terphenyl-d14
Concen: 71.093 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF125735.D
Acq: 30 Sep 2021 16:05

Tgt Ion:244 Resp: 2345648
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 12.0 9.0 13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BF125735.D
Acq: 30 Sep 2021 16:05

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:264 Resp: 441343
Ion Ratio Lower Upper
264 100
260 24.0 19.6 29.4
265 20.8 17.2 25.8

