

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093021\
 Data File : BF125733.D
 Acq On : 30 Sep 2021 15:03
 Operator : JU/CG
 Sample : M3971-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RP-COMP-3

Quant Time: Sep 30 15:27:14 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)

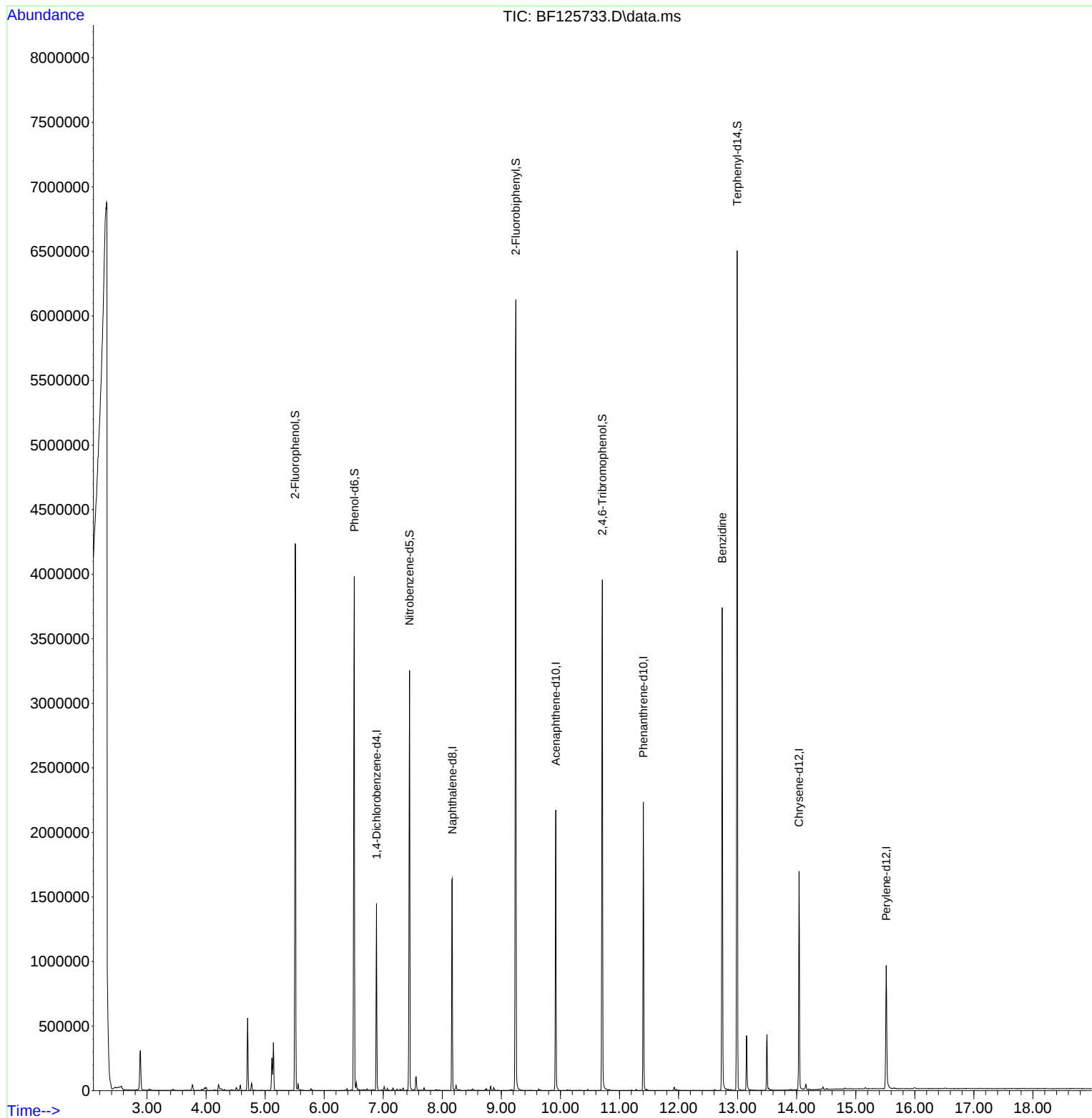
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	205227	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	829131	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	437895	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	761165	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	564908	20.000	ng	0.00
86) Perylene-d12	15.515	264	435192	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1411079	113.282	ng	0.00
7) Phenol-d6	6.510	99	1565929	93.507	ng	0.00
23) Nitrobenzene-d5	7.445	82	1100401	92.571	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	569729	139.544	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2157738	89.200	ng	0.00
79) Terphenyl-d14	12.992	244	2409624	73.869	ng	0.00
Target Compounds						
77) Benzidine	12.739	184	1431818	96.482	ng	Qvalue 97

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

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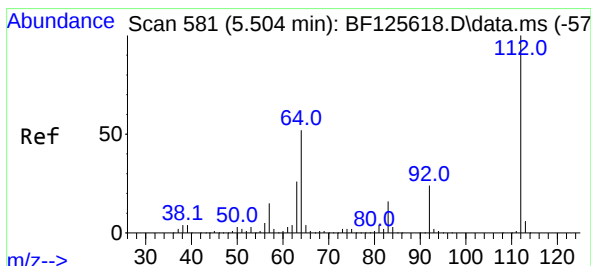
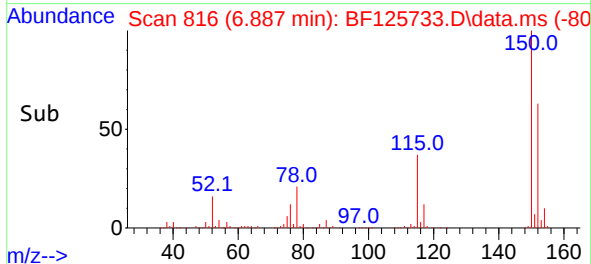
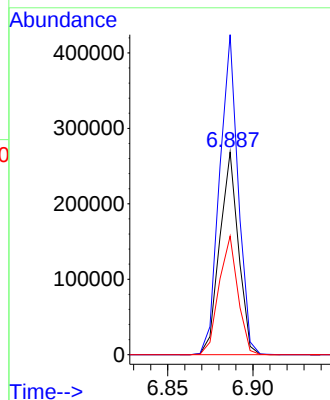
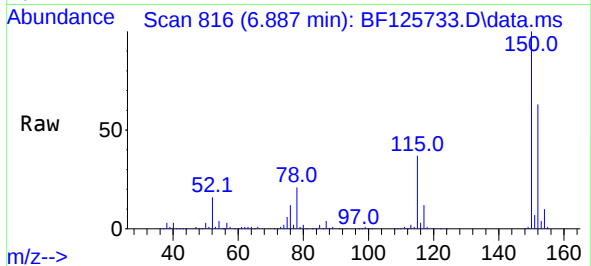




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF125733.D
Acq: 30 Sep 2021 15:03

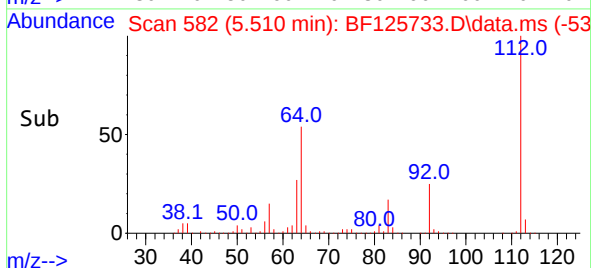
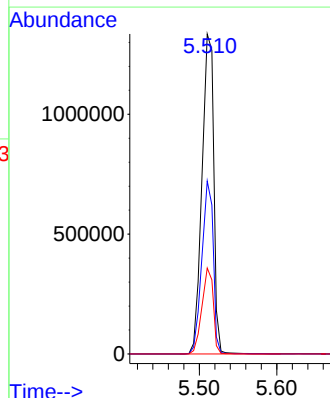
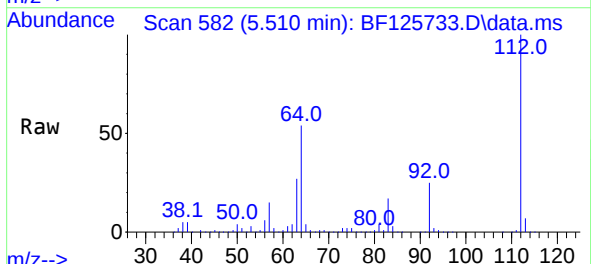
Instrument :
BNA_F
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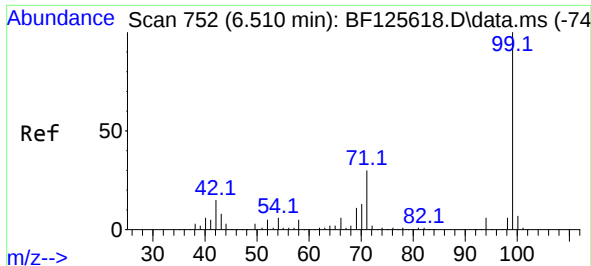
Tgt Ion:152 Resp: 205227
Ion Ratio Lower Upper
152 100
150 158.0 117.6 176.4
115 58.6 47.1 70.7



#5
2-Fluorophenol
Concen: 113.282 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF125733.D
Acq: 30 Sep 2021 15:03

Tgt Ion:112 Resp: 1411079
Ion Ratio Lower Upper
112 100
64 54.0 44.2 66.2
63 26.9 26.2 39.2

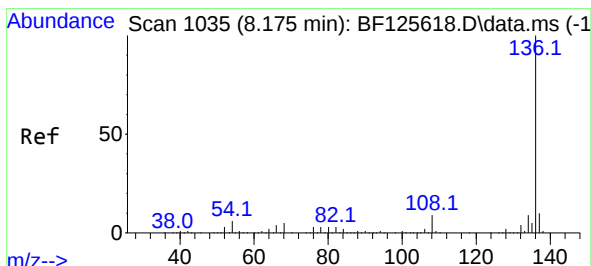
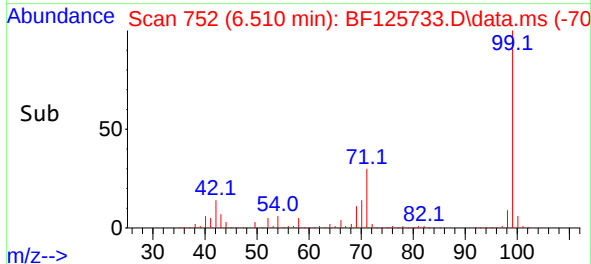
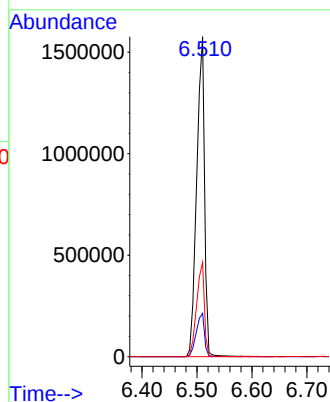
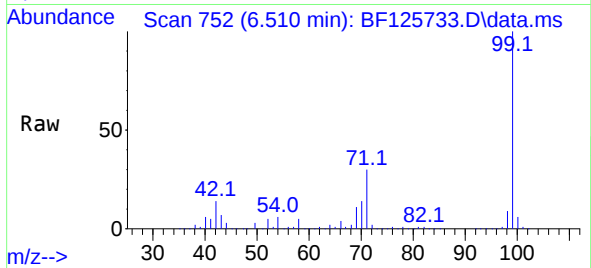




#7
Phenol-d6
Concen: 93.507 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF125733.D
Acq: 30 Sep 2021 15:03

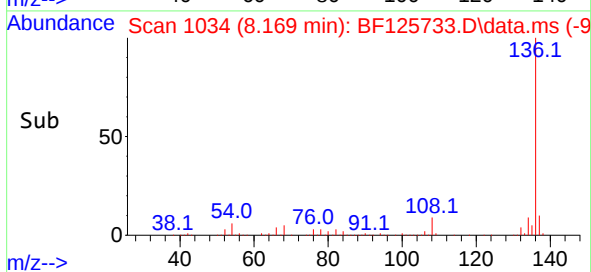
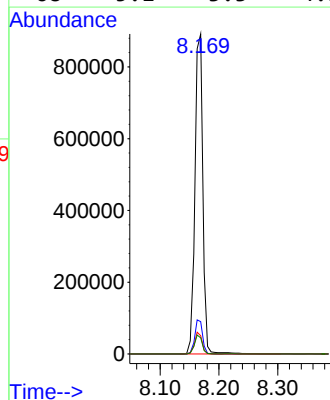
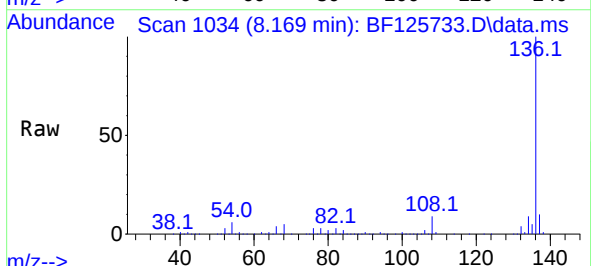
Instrument :
BNA_F
ClientSampleId :
RP-COMP-3

Tgt Ion: 99 Resp: 1565929
Ion Ratio Lower Upper
99 100
42 13.6 23.5 35.3#
71 29.5 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: BF125733.D
Acq: 30 Sep 2021 15:03

Tgt Ion: 136 Resp: 829131
Ion Ratio Lower Upper
136 100
137 10.1 9.8 14.6
54 5.7 6.4 9.6#
68 5.1 3.3 4.9#

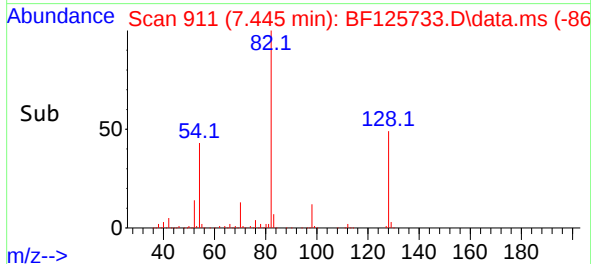
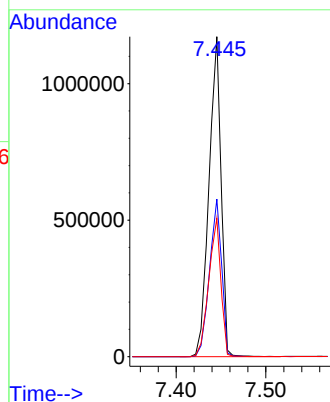
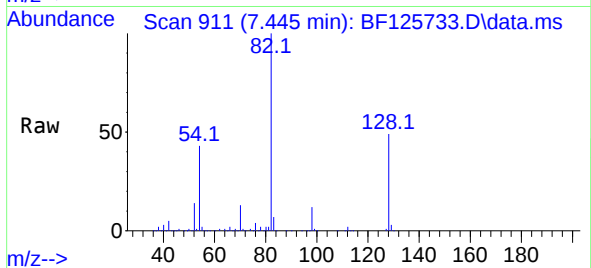




#23
Nitrobenzene-d5
Concen: 92.571 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF125733.D
Acq: 30 Sep 2021 15:03

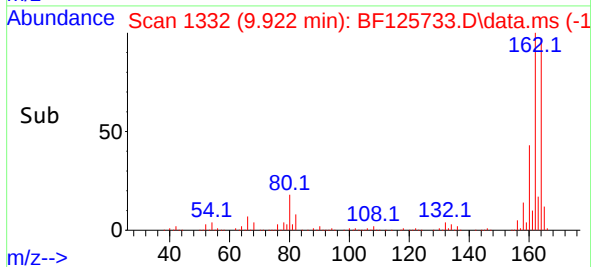
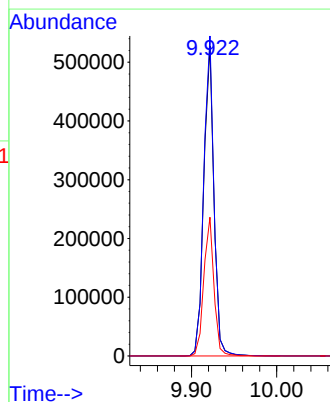
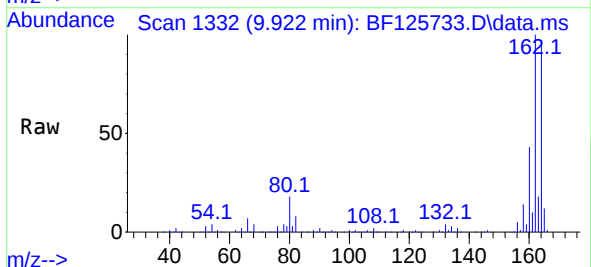
Instrument :
BNA_F
ClientSampleId :
RP-COMP-3

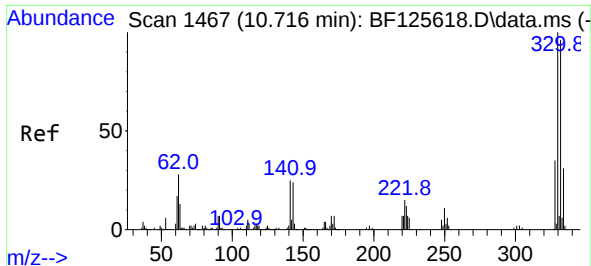
Tgt Ion: 82 Resp: 1100401
Ion Ratio Lower Upper
82 100
128 49.3 40.6 60.8
54 43.3 49.6 74.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF125733.D
Acq: 30 Sep 2021 15:03

Tgt Ion:164 Resp: 437895
Ion Ratio Lower Upper
164 100
162 103.3 81.3 121.9
160 44.8 38.0 57.0

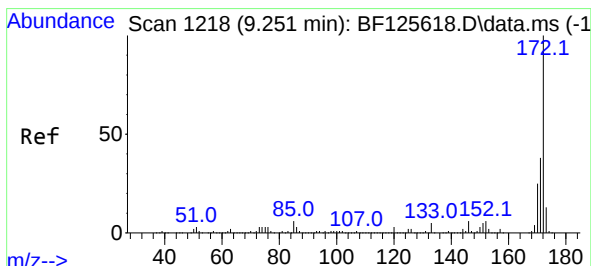
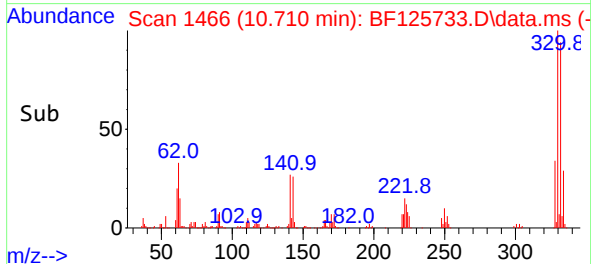
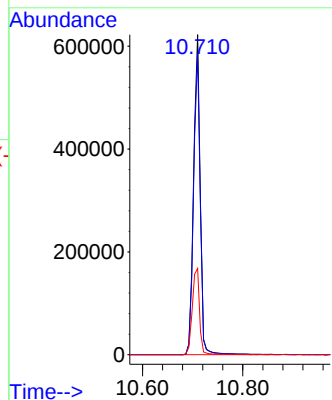
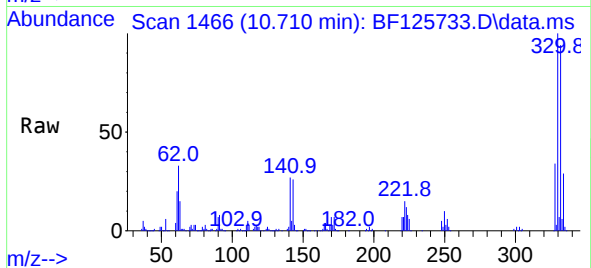




#42
2,4,6-Tribromophenol
Concen: 139.544 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF125733.D
Acq: 30 Sep 2021 15:03

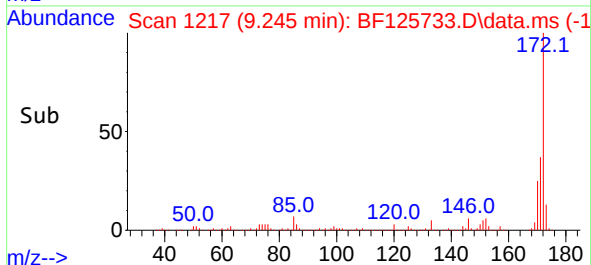
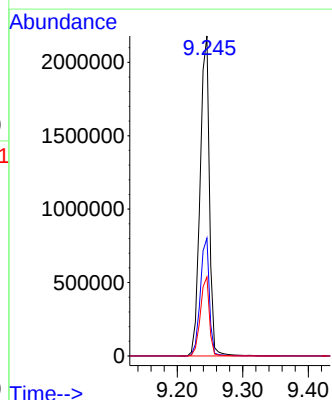
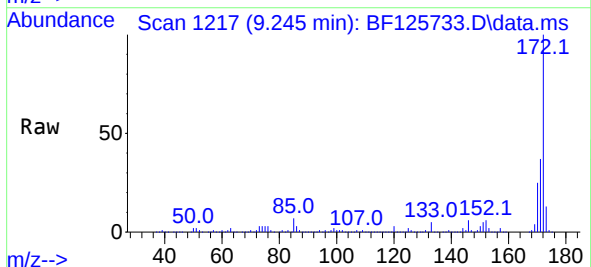
Instrument :
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ClientSampleId :
RP-COMP-3

Tgt Ion:330 Resp: 569729
Ion Ratio Lower Upper
330 100
332 94.8 76.2 114.4
141 29.8 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 89.200 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125733.D
Acq: 30 Sep 2021 15:03

Tgt Ion:172 Resp: 2157738
Ion Ratio Lower Upper
172 100
171 36.8 26.5 39.7
170 24.7 18.8 28.2

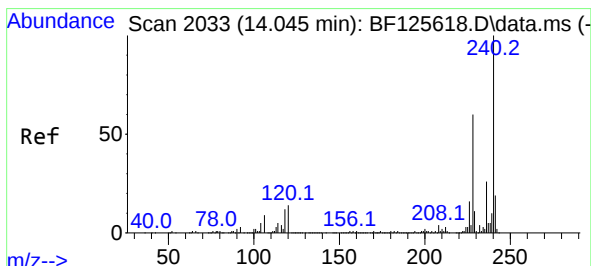
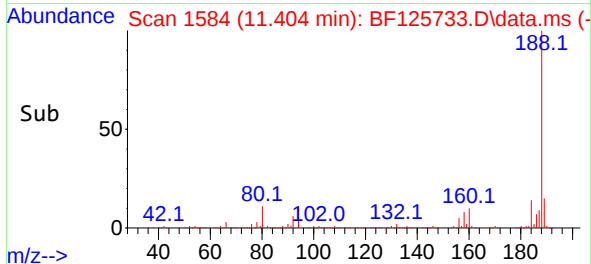
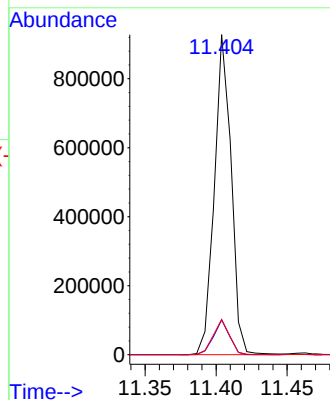
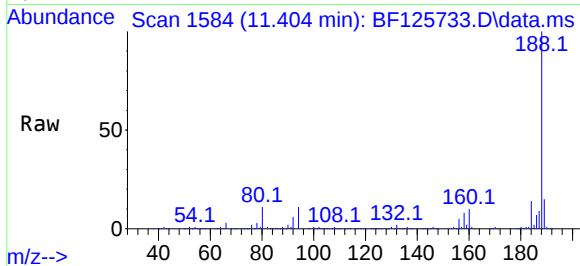




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125733.D
Acq: 30 Sep 2021 15:03

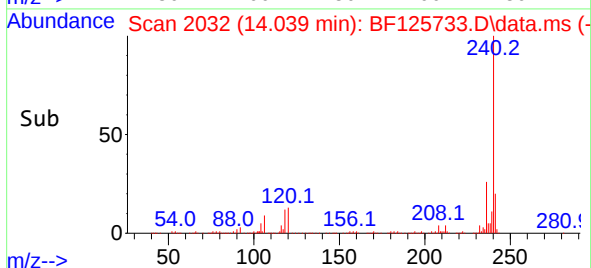
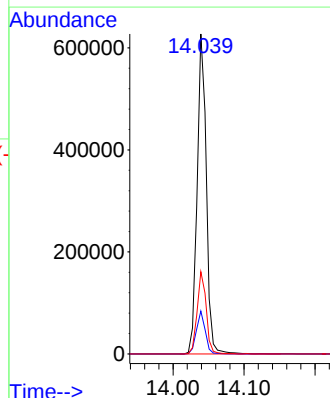
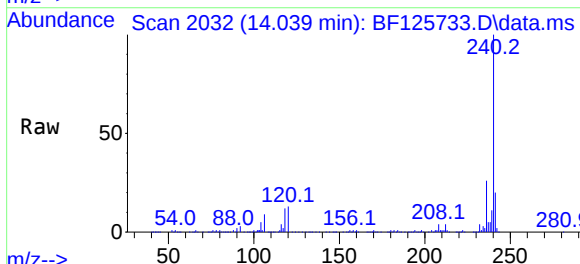
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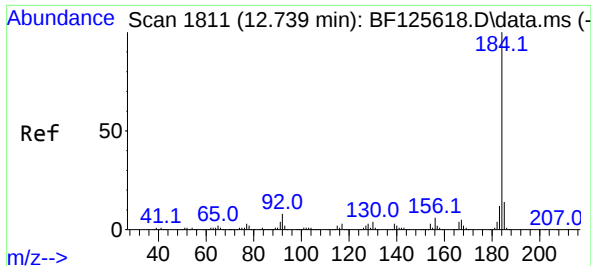
Tgt Ion:188 Resp: 761165
Ion Ratio Lower Upper
188 100
94 10.8 6.7 10.1#
80 11.1 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF125733.D
Acq: 30 Sep 2021 15:03

Tgt Ion:240 Resp: 564908
Ion Ratio Lower Upper
240 100
120 13.4 10.8 16.2
236 25.7 21.6 32.4

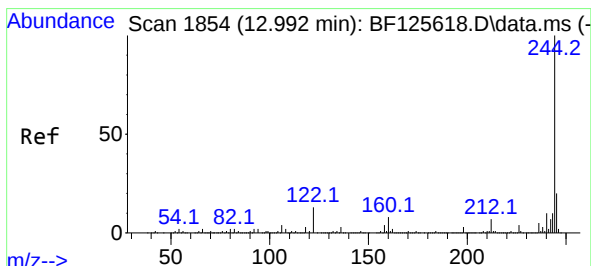
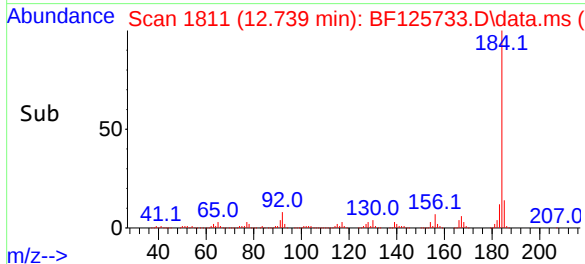
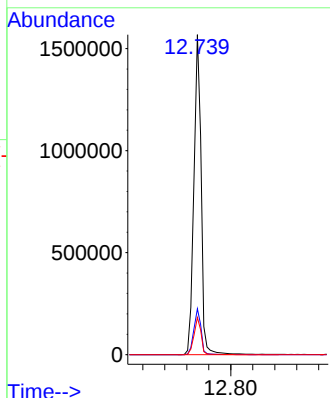
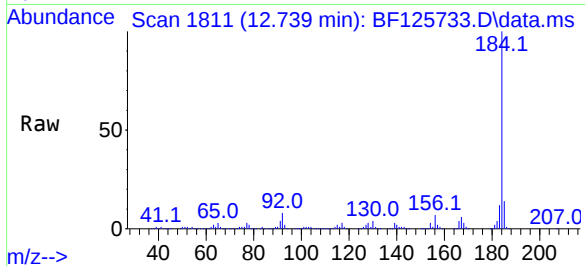




#77
Benzidine
Concen: 96.482 ng
RT: 12.739 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF125733.D
Acq: 30 Sep 2021 15:03

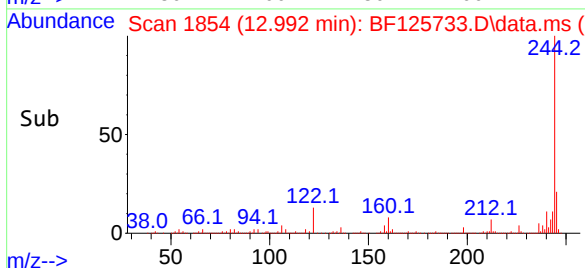
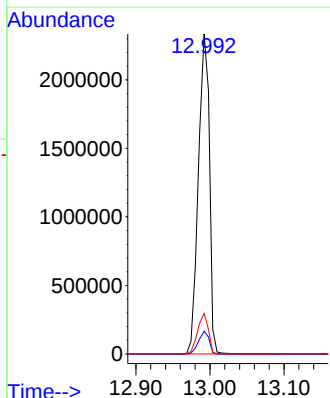
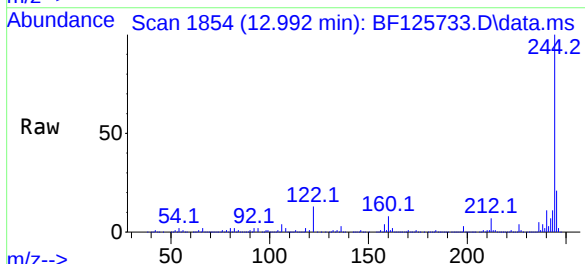
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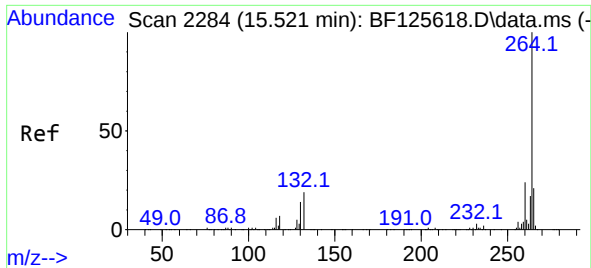
Tgt Ion:184 Resp: 1431818
Ion Ratio Lower Upper
184 100
185 14.4 10.8 16.2
183 11.6 8.1 12.1



#79
Terphenyl-d14
Concen: 73.869 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF125733.D
Acq: 30 Sep 2021 15:03

Tgt Ion:244 Resp: 2409624
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 12.6 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: BF125733.D
Acq: 30 Sep 2021 15:03

Instrument :
BNA_F
ClientSampleId :
RP-COMP-3

Tgt Ion:264	Resp:	435192
Ion	Ratio	Lower Upper
264	100	
260	24.1	19.6 29.4
265	21.4	17.2 25.8

