

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092721\
 Data File : BF125676.D
 Acq On : 27 Sep 2021 17:24
 Operator : JU/CG
 Sample : M3938-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUB-SLAB-08(6-8)

Quant Time: Sep 27 19:07:26 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	6.886	152	240675	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1026175	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	460514	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	780896	20.000	ng	0.00
76) Chrysene-d12	14.045	240	541680	20.000	ng	0.00
86) Perylene-d12	15.515	264	393162	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1524135	104.336	ng	0.00
7) Phenol-d6	6.510	99	1910000	97.255	ng	0.00
23) Nitrobenzene-d5	7.451	82	1104667	75.085	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	478897	111.535	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1877116	71.044	ng	0.00
79) Terphenyl-d14	12.992	244	1752250	56.020	ng	0.00

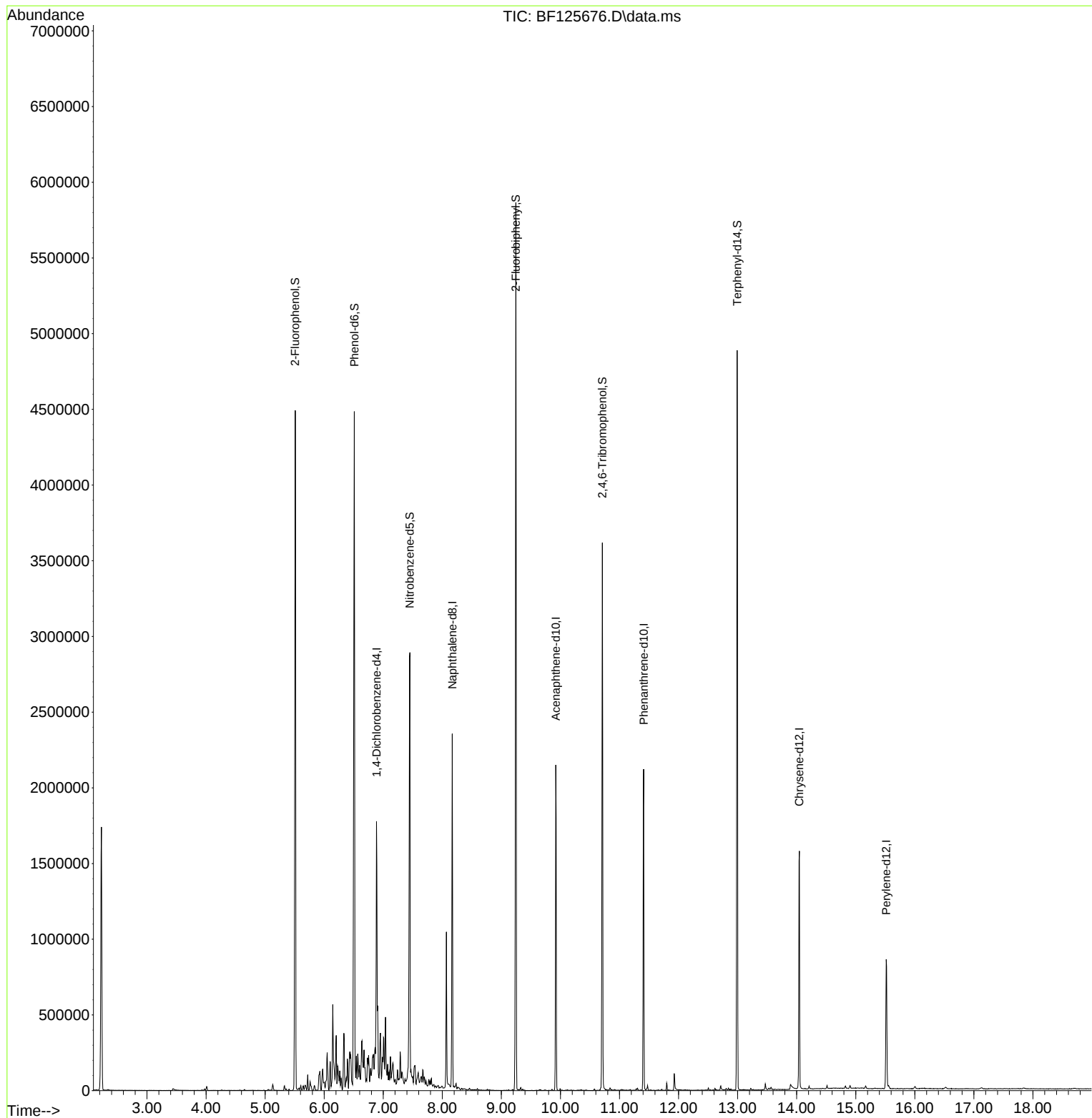
Target Compounds	Qvalue

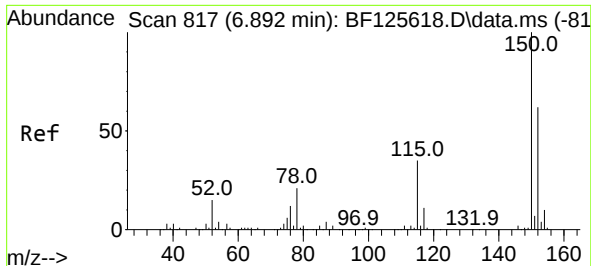
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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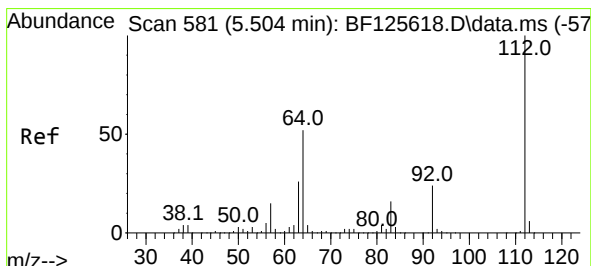
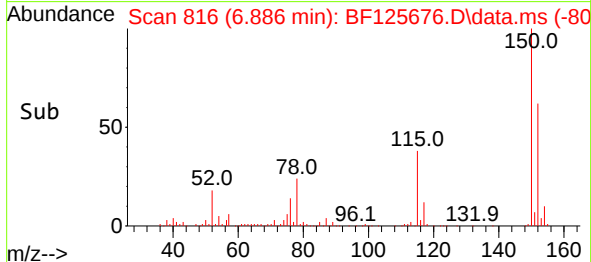
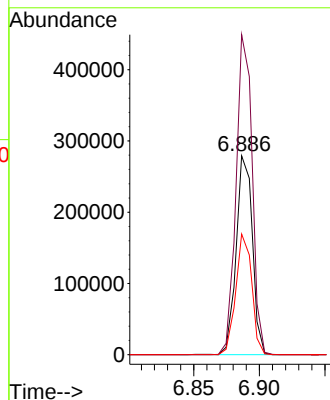
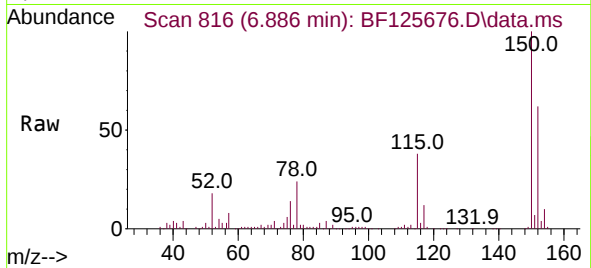




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF125676.D
Acq: 27 Sep 2021 17:24

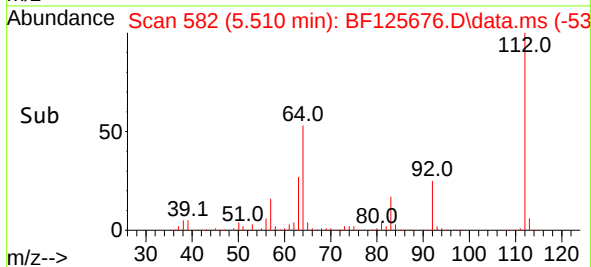
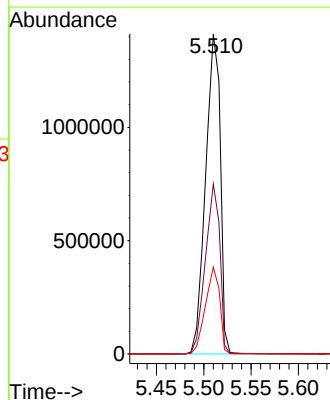
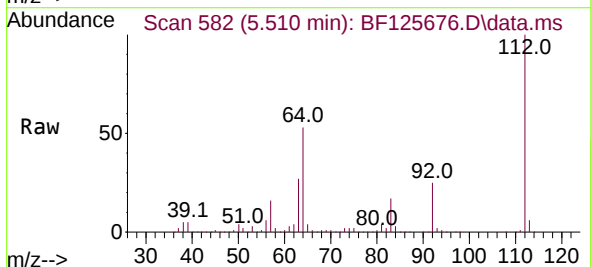
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-08(6-8)

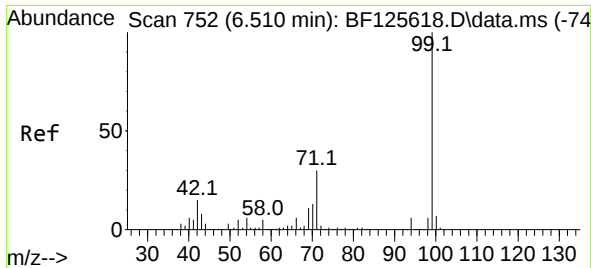
Tgt Ion:152 Resp: 240675
Ion Ratio Lower Upper
152 100
150 160.9 117.6 176.4
115 60.7 47.1 70.7



#5
2-Fluorophenol
Concen: 104.336 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF125676.D
Acq: 27 Sep 2021 17:24

Tgt Ion:112 Resp: 1524135
Ion Ratio Lower Upper
112 100
64 53.1 44.2 66.2
63 27.2 26.2 39.2

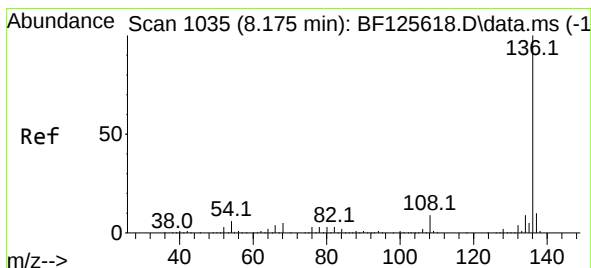
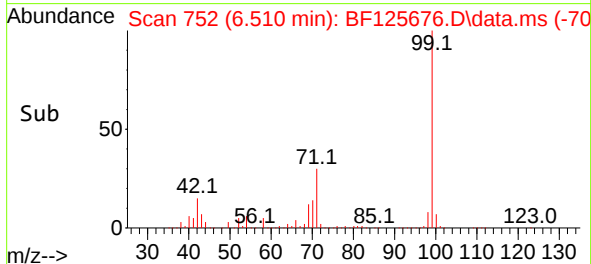
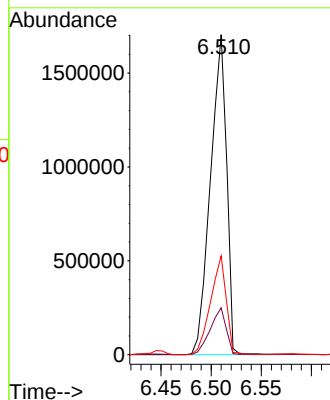
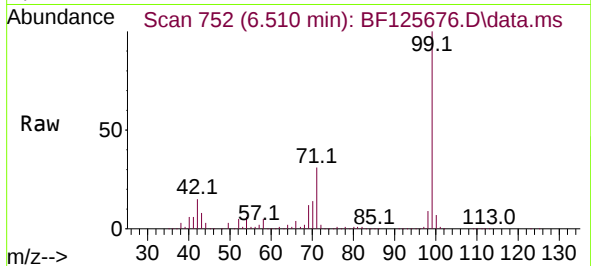




#7
Phenol-d6
Concen: 97.255 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF125676.D
Acq: 27 Sep 2021 17:24

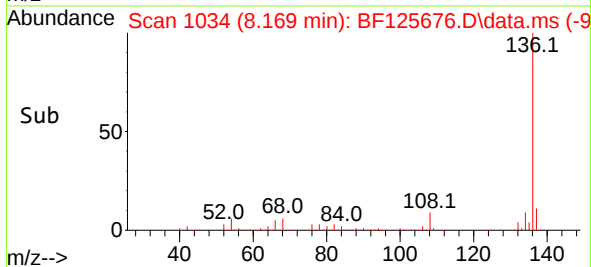
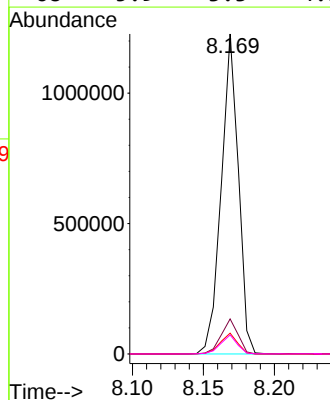
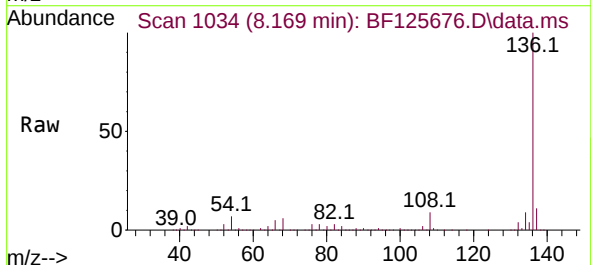
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-08(6-8)

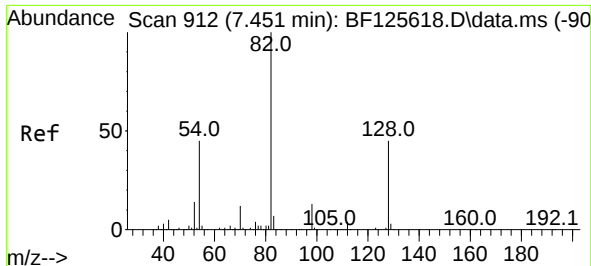
Tgt Ion: 99 Resp: 1910000
Ion Ratio Lower Upper
99 100
42 14.7 23.5 35.3#
71 30.9 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125676.D
Acq: 27 Sep 2021 17:24

Tgt Ion:136 Resp: 1026175
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.6
54 6.5 6.4 9.6
68 5.9 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 75.085 ng

RT: 7.451 min Scan# 912

Delta R.T. 0.000 min

Lab File: BF125676.D

Acq: 27 Sep 2021 17:24

Instrument :

BNA_F

ClientSampleId :

SUB-SLAB-08(6-8)

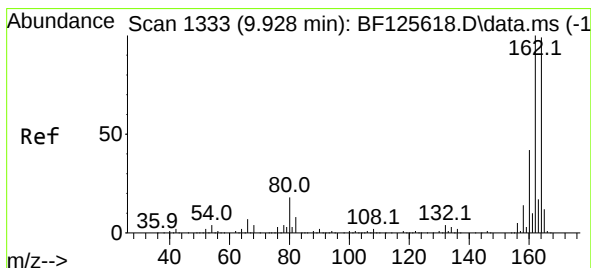
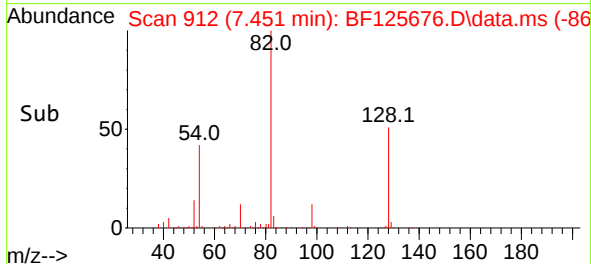
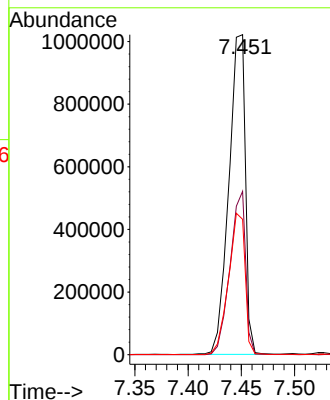
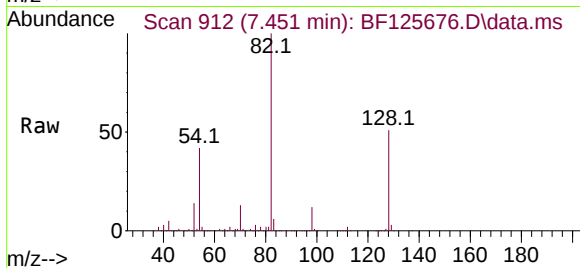
Tgt Ion: 82 Resp: 1104667

Ion Ratio Lower Upper

82 100

128 51.0 40.6 60.8

54 42.3 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: BF125676.D

Acq: 27 Sep 2021 17:24

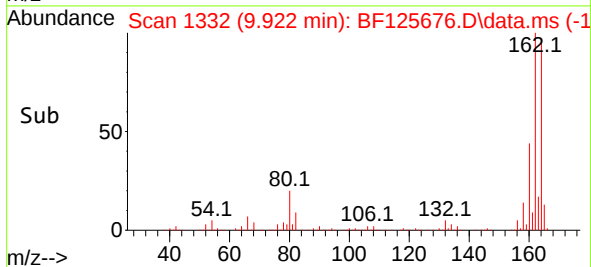
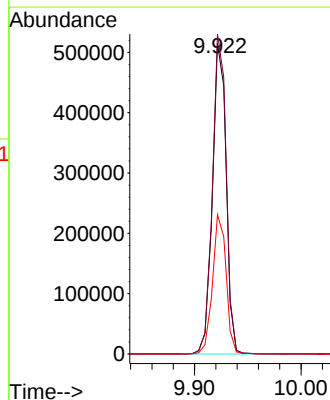
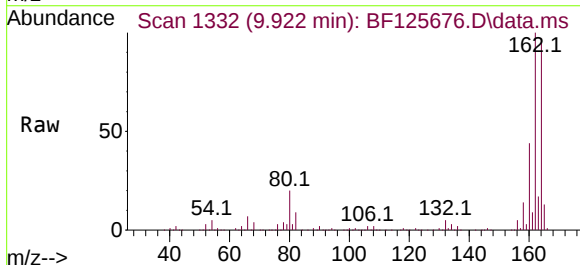
Tgt Ion:164 Resp: 460514

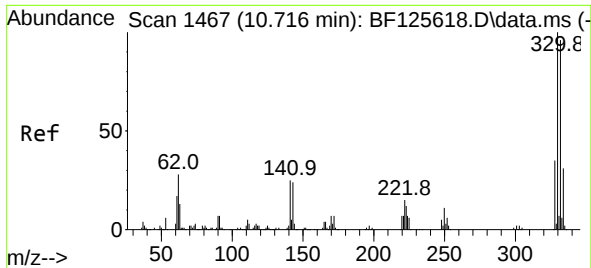
Ion Ratio Lower Upper

164 100

162 102.9 81.3 121.9

160 44.8 38.0 57.0

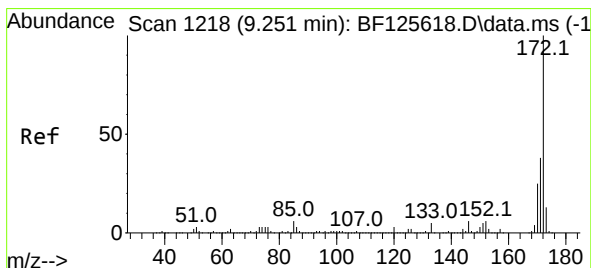
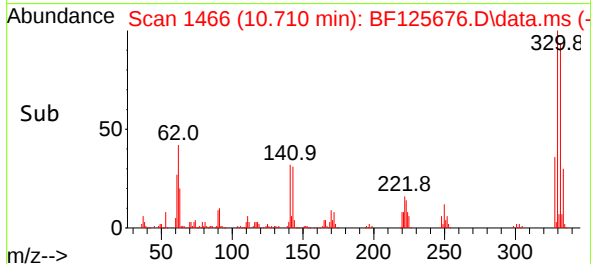
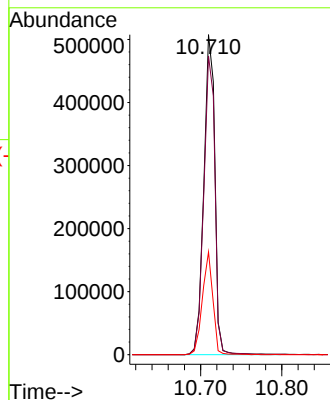
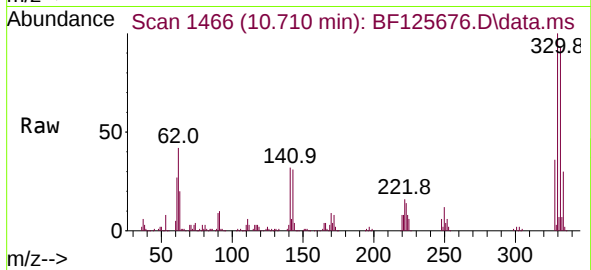




#42
2,4,6-Tribromophenol
Concen: 111.535 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF125676.D
Acq: 27 Sep 2021 17:24

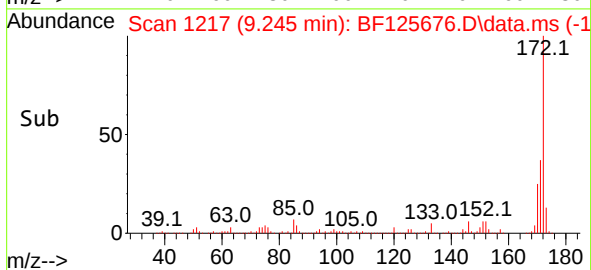
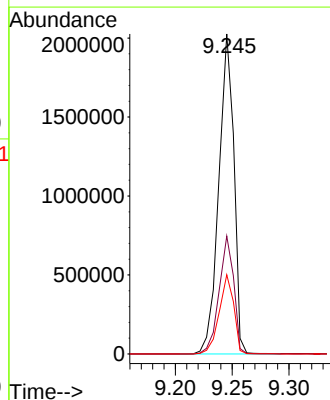
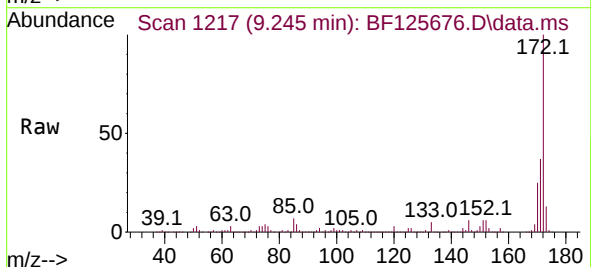
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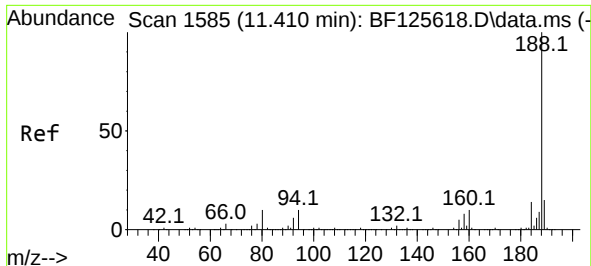
Tgt Ion:330 Resp: 478897
Ion Ratio Lower Upper
330 100
332 94.6 76.2 114.4
141 30.5 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 71.044 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125676.D
Acq: 27 Sep 2021 17:24

Tgt Ion:172 Resp: 1877116
Ion Ratio Lower Upper
172 100
171 36.9 26.5 39.7
170 24.8 18.8 28.2

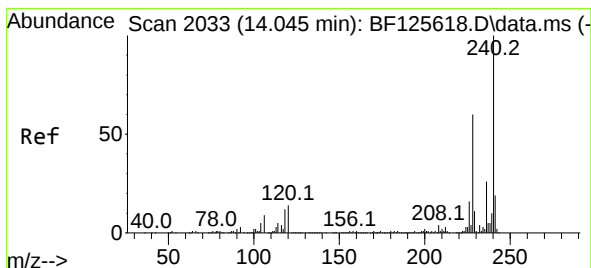
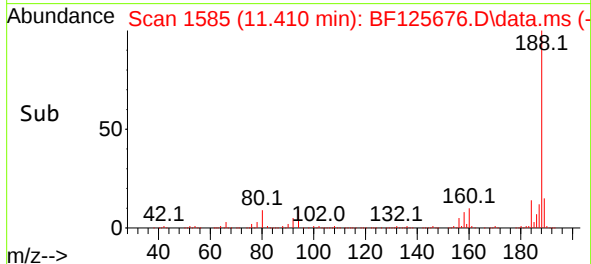
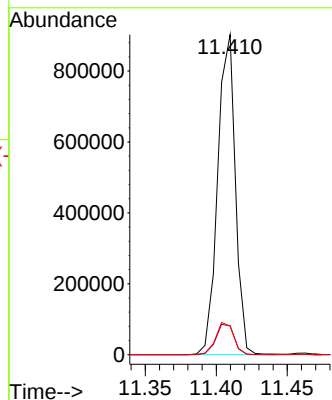
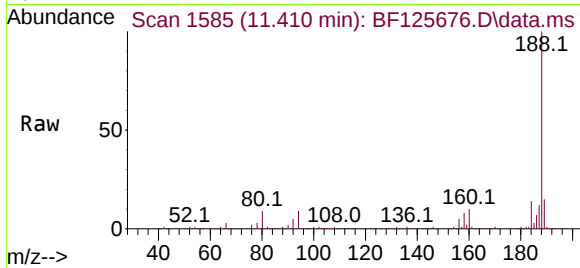




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BF125676.D
Acq: 27 Sep 2021 17:24

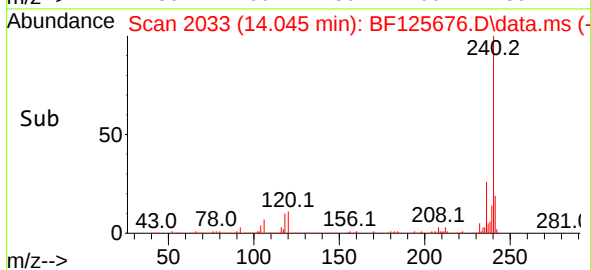
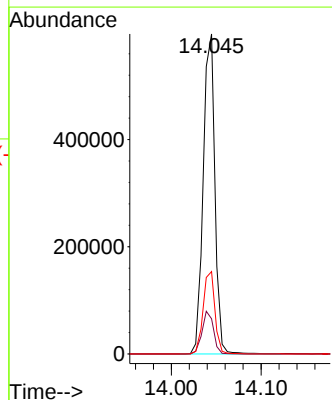
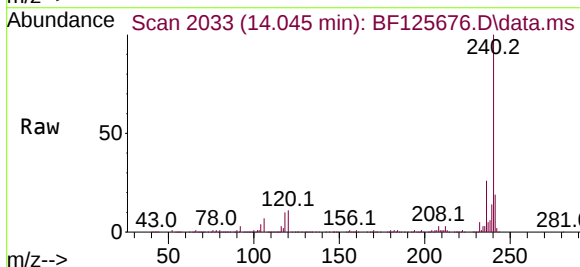
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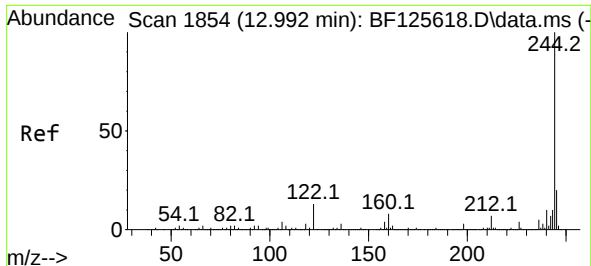
Tgt Ion:188 Resp: 780896
Ion Ratio Lower Upper
188 100
94 9.0 6.7 10.1
80 9.0 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF125676.D
Acq: 27 Sep 2021 17:24

Tgt Ion:240 Resp: 541680
Ion Ratio Lower Upper
240 100
120 11.0 10.8 16.2
236 25.7 21.6 32.4

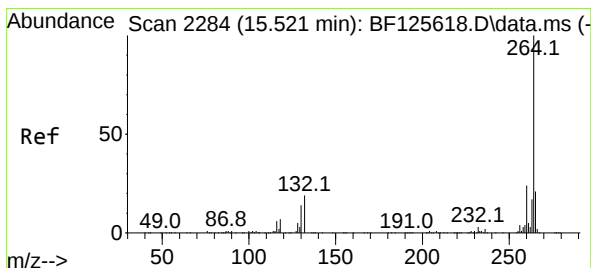
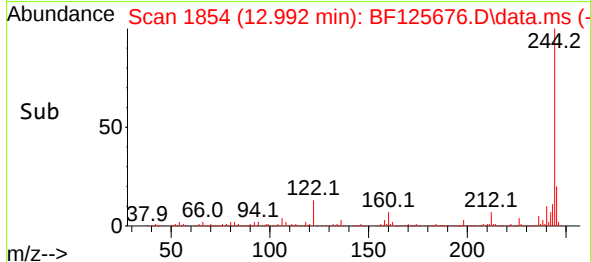
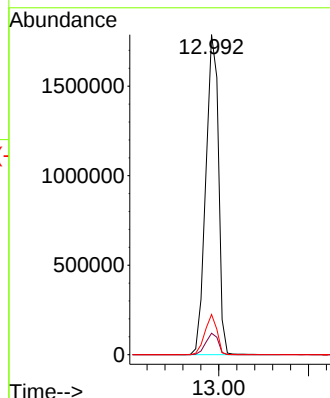
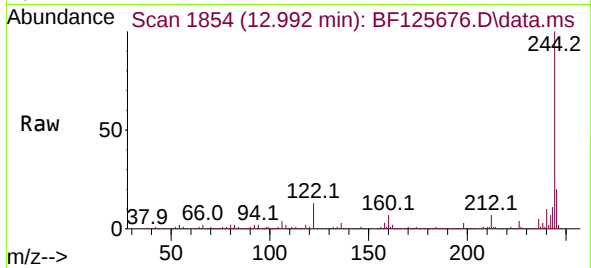




#79
Terphenyl-d14
Concen: 56.020 ng
RT: 12.992 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BF125676.D
Acq: 27 Sep 2021 17:24

Instrument :
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Tgt Ion:244 Resp: 1752250
Ion Ratio Lower Upper
244 100
212 6.7 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: BF125676.D
Acq: 27 Sep 2021 17:24

Tgt Ion:264 Resp: 393162
Ion Ratio Lower Upper
264 100
260 25.1 19.6 29.4
265 22.5 17.2 25.8

