

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101521\
 Data File : BF125861.D
 Acq On : 15 Oct 2021 14:18
 Operator : JU/CG
 Sample : M4227-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-21502-05

Quant Time: Oct 15 16:16:37 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 15 15:00:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	180173	20.00	ng	0.00
21) Naphthalene-d8	8.116	136	715897	20.00	ng	# 0.00
39) Acenaphthene-d10	9.863	164	371039	20.00	ng	0.00
64) Phenanthrene-d10	11.345	188	591784	20.00	ng	# 0.00
76) Chrysene-d12	13.980	240	390515	20.00	ng	0.00
86) Perylene-d12	15.433	264	425694	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1215669	110.22	ng	0.00
7) Phenol-d6	6.463	99	1493745	105.21	ng	0.00
23) Nitrobenzene-d5	7.392	82	914225	79.38	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	406909	111.08	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1758292	81.74	ng	0.00
79) Terphenyl-d14	12.933	244	1539612	60.05	ng	0.00

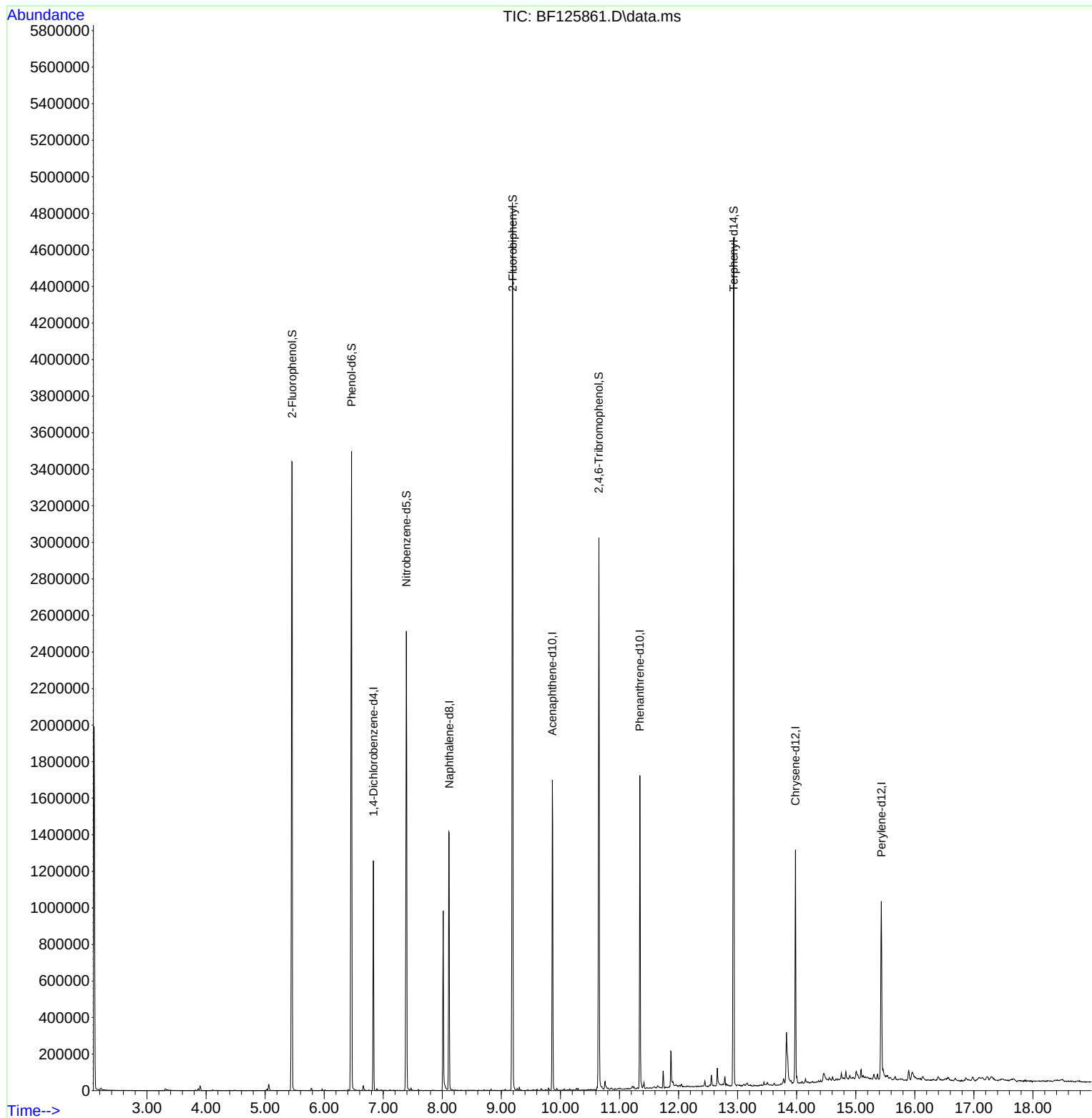
Target Compounds	Qvalue

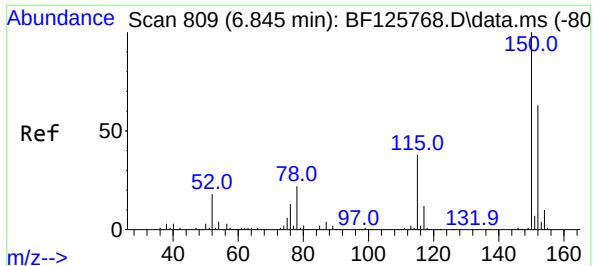
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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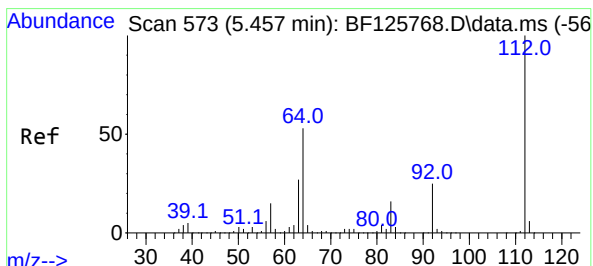
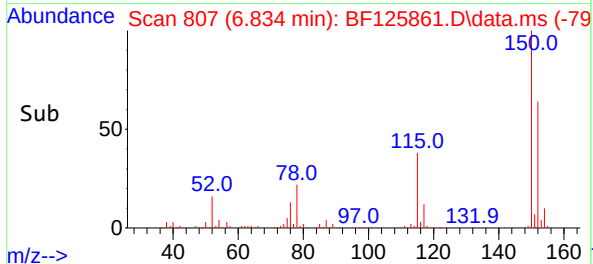
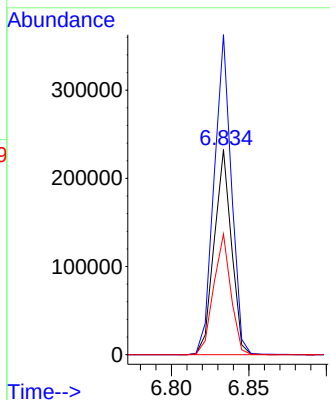
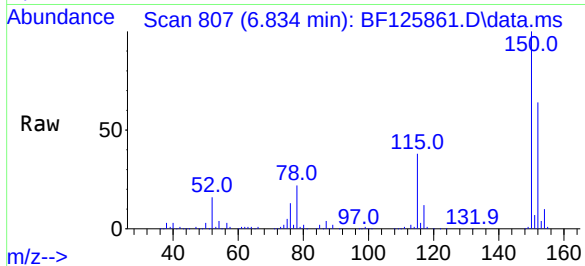




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF125861.D
Acq: 15 Oct 2021 14:18

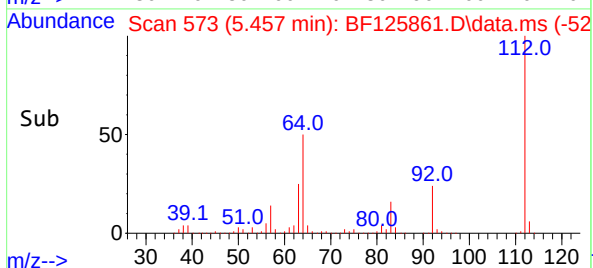
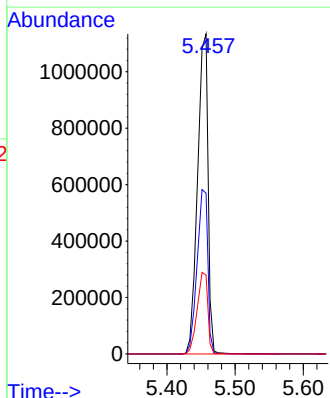
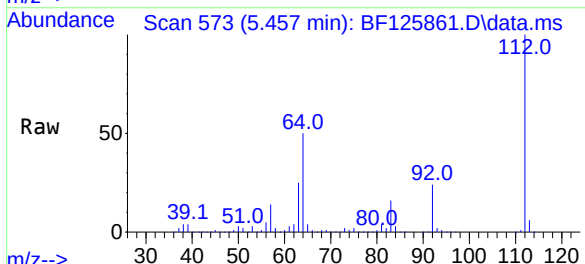
Instrument :
BNA_F
ClientSampleId :
RBR-21502-05

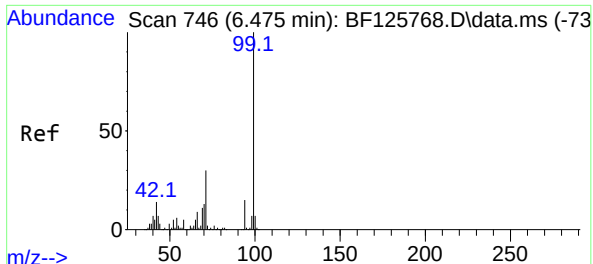
Tgt Ion:152 Resp: 180173
Ion Ratio Lower Upper
152 100
150 156.0 117.6 176.4
115 58.8 47.1 70.7



#5
2-Fluorophenol
Concen: 110.22 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.006 min
Lab File: BF125861.D
Acq: 15 Oct 2021 14:18

Tgt Ion:112 Resp: 1215669
Ion Ratio Lower Upper
112 100
64 50.3 44.2 66.2
63 24.6 26.2 39.2#

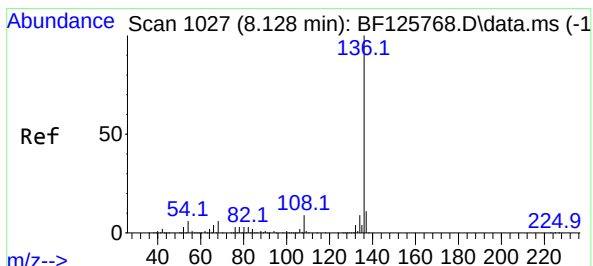
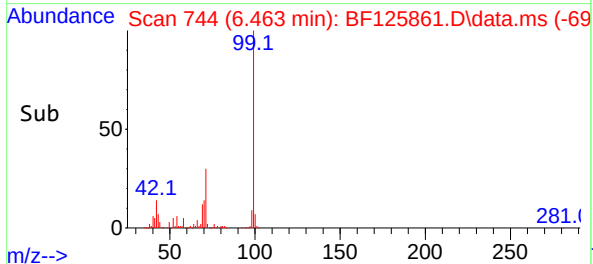
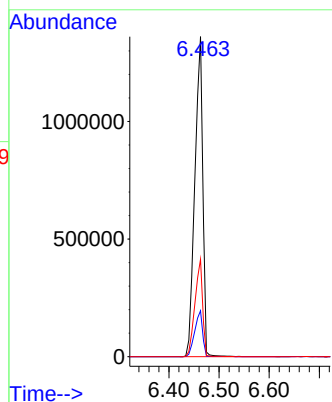
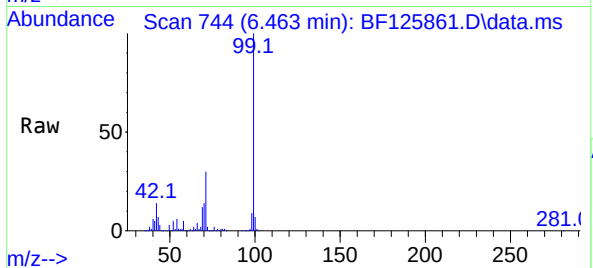




#7
Phenol-d6
Concen: 105.21 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF125861.D
Acq: 15 Oct 2021 14:18

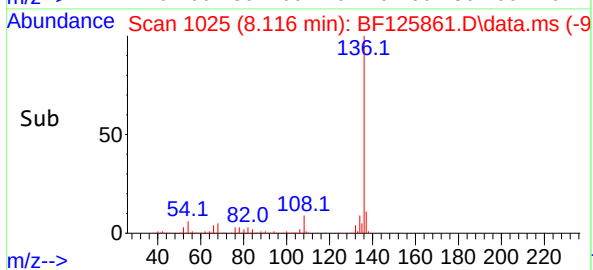
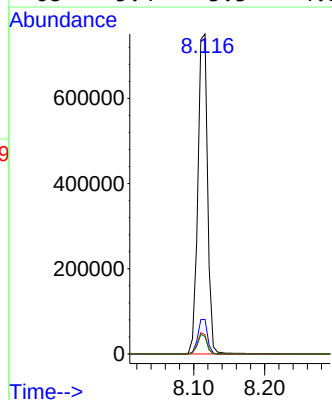
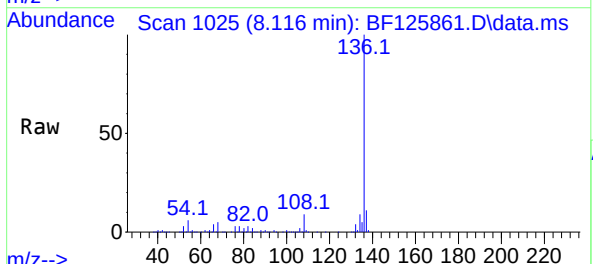
Instrument :
BNA_F
ClientSampleId :
RBR-21502-05

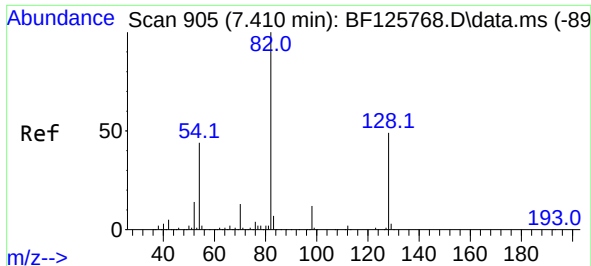
Tgt Ion: 99 Resp: 1493745
Ion Ratio Lower Upper
99 100
42 14.4 23.5 35.3#
71 30.5 25.6 38.4



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BF125861.D
Acq: 15 Oct 2021 14:18

Tgt Ion: 136 Resp: 715897
Ion Ratio Lower Upper
136 100
137 10.8 9.8 14.6
54 6.0 6.4 9.6#
68 5.4 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 79.38 ng

RT: 7.392 min Scan# 902

Delta R.T. -0.006 min

Lab File: BF125861.D

Acq: 15 Oct 2021 14:18

Instrument :

BNA_F

ClientSampleId :

RBR-21502-05

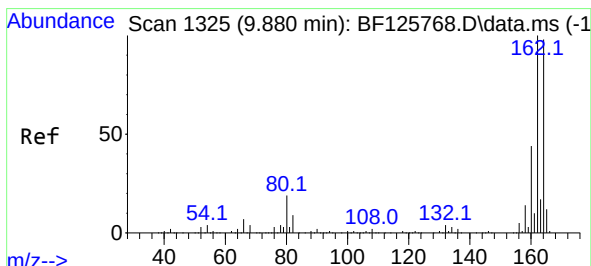
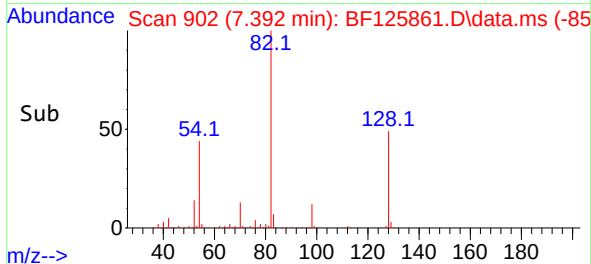
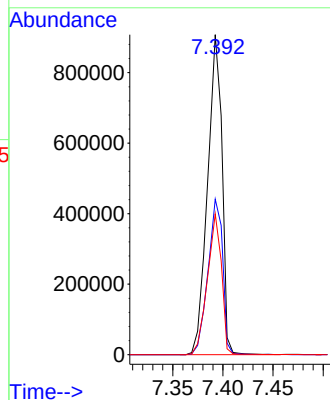
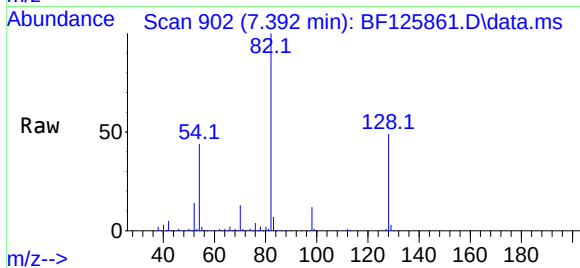
Tgt Ion: 82 Resp: 914225

Ion Ratio Lower Upper

82 100

128 48.6 40.6 60.8

54 44.0 49.6 74.4#



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.863 min Scan# 1322

Delta R.T. -0.006 min

Lab File: BF125861.D

Acq: 15 Oct 2021 14:18

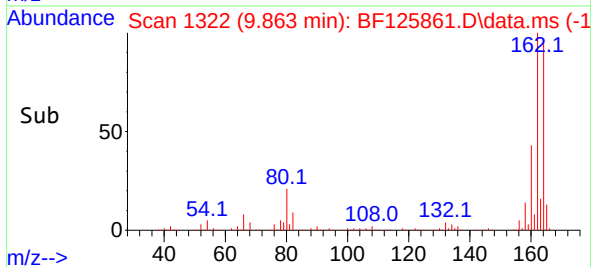
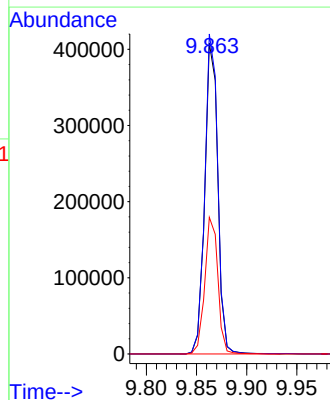
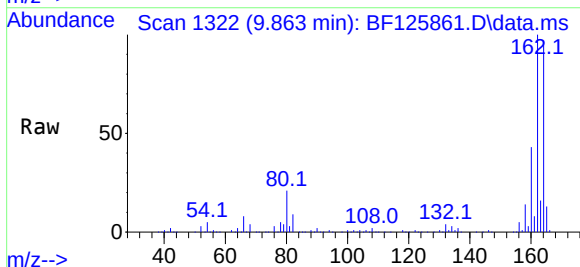
Tgt Ion: 164 Resp: 371039

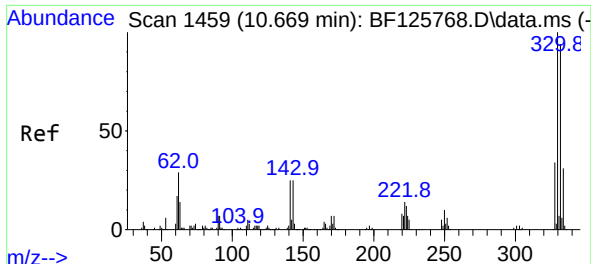
Ion Ratio Lower Upper

164 100

162 103.0 81.3 121.9

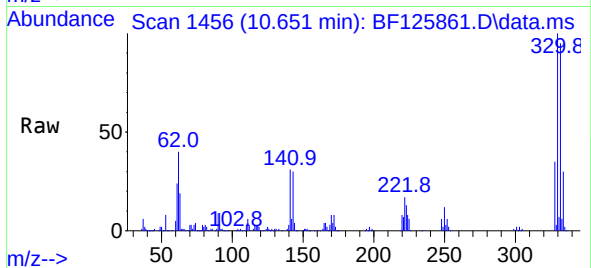
160 44.0 38.0 57.0



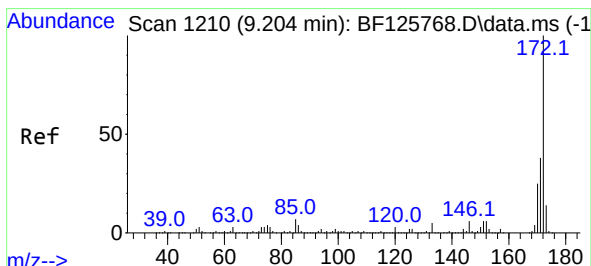
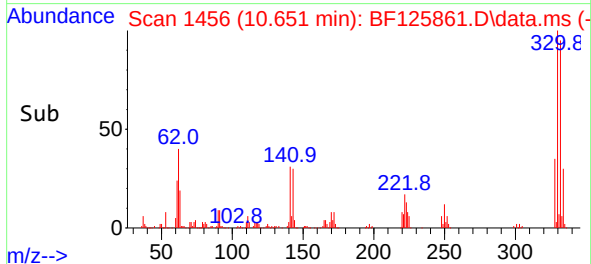
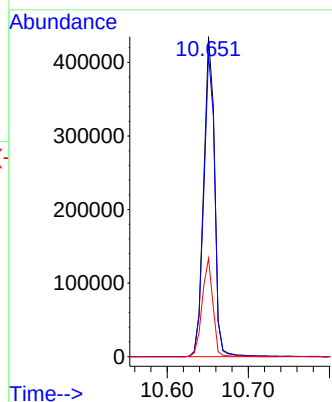


#42
2,4,6-Tribromophenol
Concen: 111.08 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF125861.D
Acq: 15 Oct 2021 14:18

Instrument :
BNA_F
ClientSampleId :
RBR-21502-05

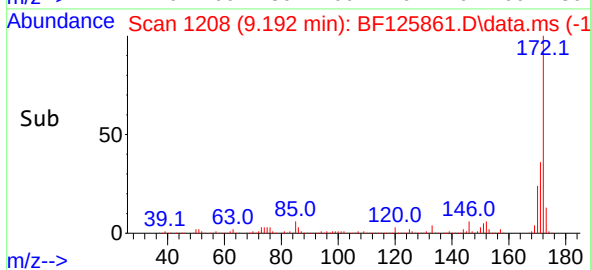
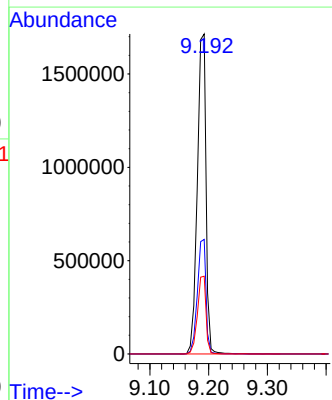
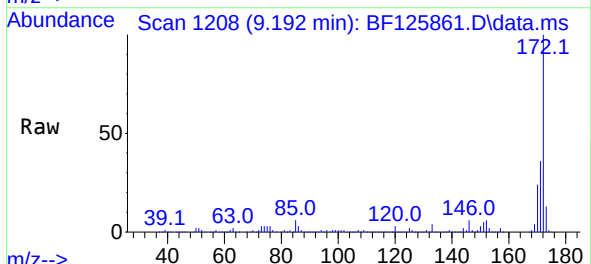


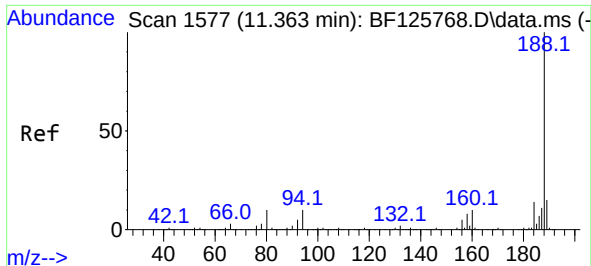
Tgt Ion:330 Resp: 406909
Ion Ratio Lower Upper
330 100
332 95.3 76.2 114.4
141 30.2 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 81.74 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.000 min
Lab File: BF125861.D
Acq: 15 Oct 2021 14:18

Tgt Ion:172 Resp: 1758292
Ion Ratio Lower Upper
172 100
171 35.8 26.5 39.7
170 24.3 18.8 28.2

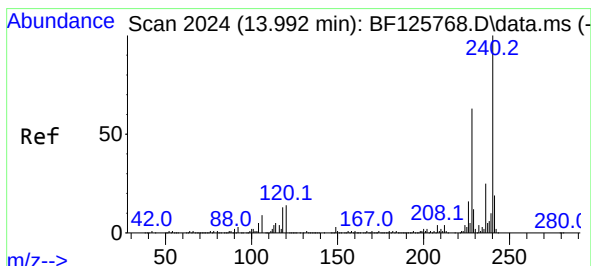
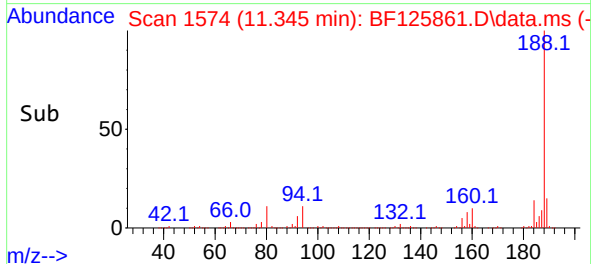
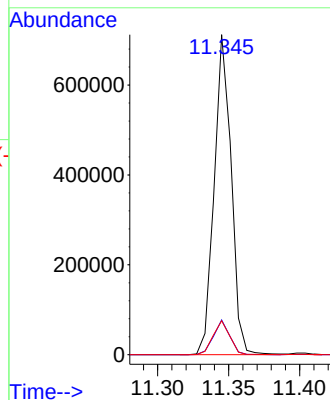
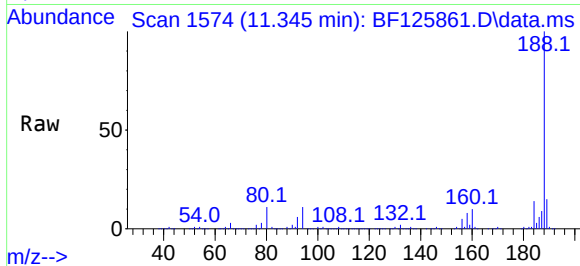




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF125861.D
Acq: 15 Oct 2021 14:18

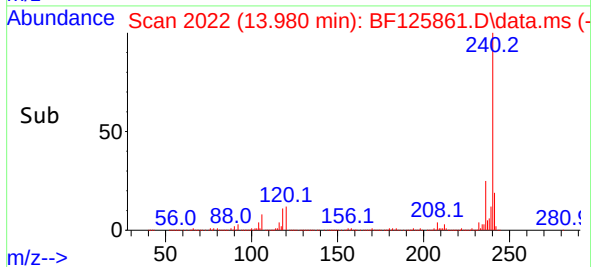
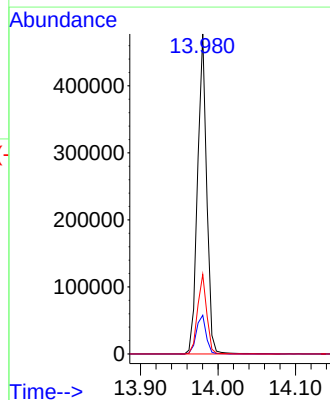
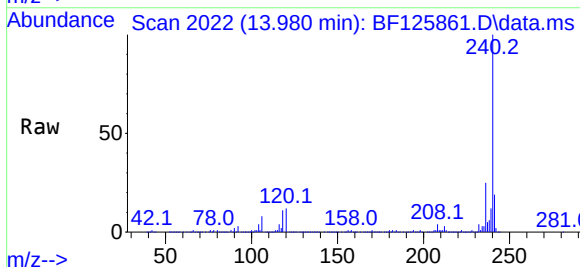
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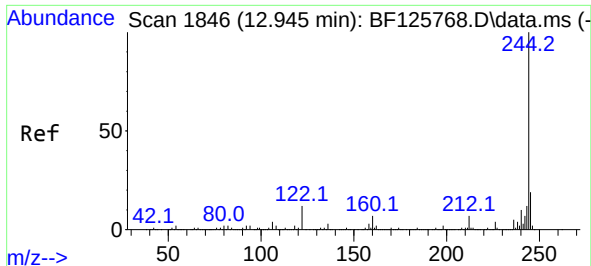
Tgt Ion:188 Resp: 591784
Ion Ratio Lower Upper
188 100
94 10.8 6.7 10.1#
80 10.6 7.5 11.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF125861.D
Acq: 15 Oct 2021 14:18

Tgt Ion:240 Resp: 390515
Ion Ratio Lower Upper
240 100
120 12.1 10.8 16.2
236 24.8 21.6 32.4

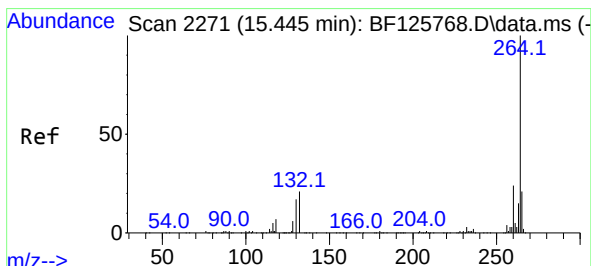
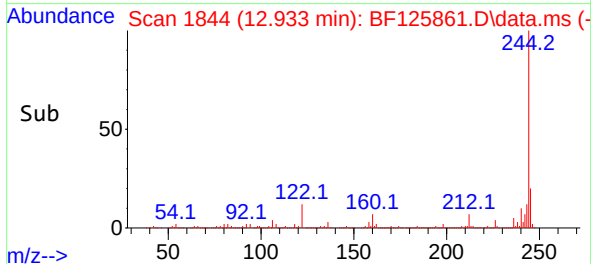
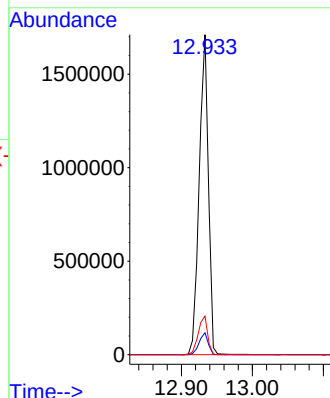
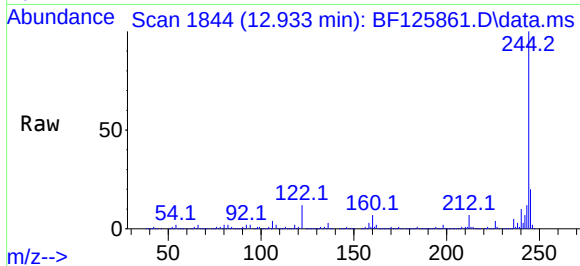




#79
Terphenyl-d14
Concen: 60.05 ng
RT: 12.933 min Scan# 1844
Delta R.T. -0.000 min
Lab File: BF125861.D
Acq: 15 Oct 2021 14:18

Instrument :
BNA_F
ClientSampleId :
RBR-21502-05

Tgt Ion:244 Resp: 1539612
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 12.1 9.0 13.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.433 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BF125861.D
Acq: 15 Oct 2021 14:18

Tgt Ion:264 Resp: 425694
Ion Ratio Lower Upper
264 100
260 22.8 19.6 29.4
265 20.8 17.2 25.8

