

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101921\
 Data File : BF125912.D
 Acq On : 19 Oct 2021 21:38
 Operator : JU/CG
 Sample : M4271-01 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-101821

Quant Time: Oct 20 09:30:56 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 18 12:43:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	148016	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	559856	20.00	ng	# 0.00
39) Acenaphthene-d10	9.857	164	261100	20.00	ng	0.00
64) Phenanthrene-d10	11.339	188	437510	20.00	ng	# 0.00
76) Chrysene-d12	13.974	240	305866	20.00	ng	0.00
86) Perylene-d12	15.427	264	235970	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	186163	20.55	ng	0.00
7) Phenol-d6	6.445	99	221765	19.01	ng	-0.01
23) Nitrobenzene-d5	7.381	82	115476	12.82	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	50460	19.57	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	237820	15.71	ng	0.00
79) Terphenyl-d14	12.921	244	242762	12.09	ng	0.00

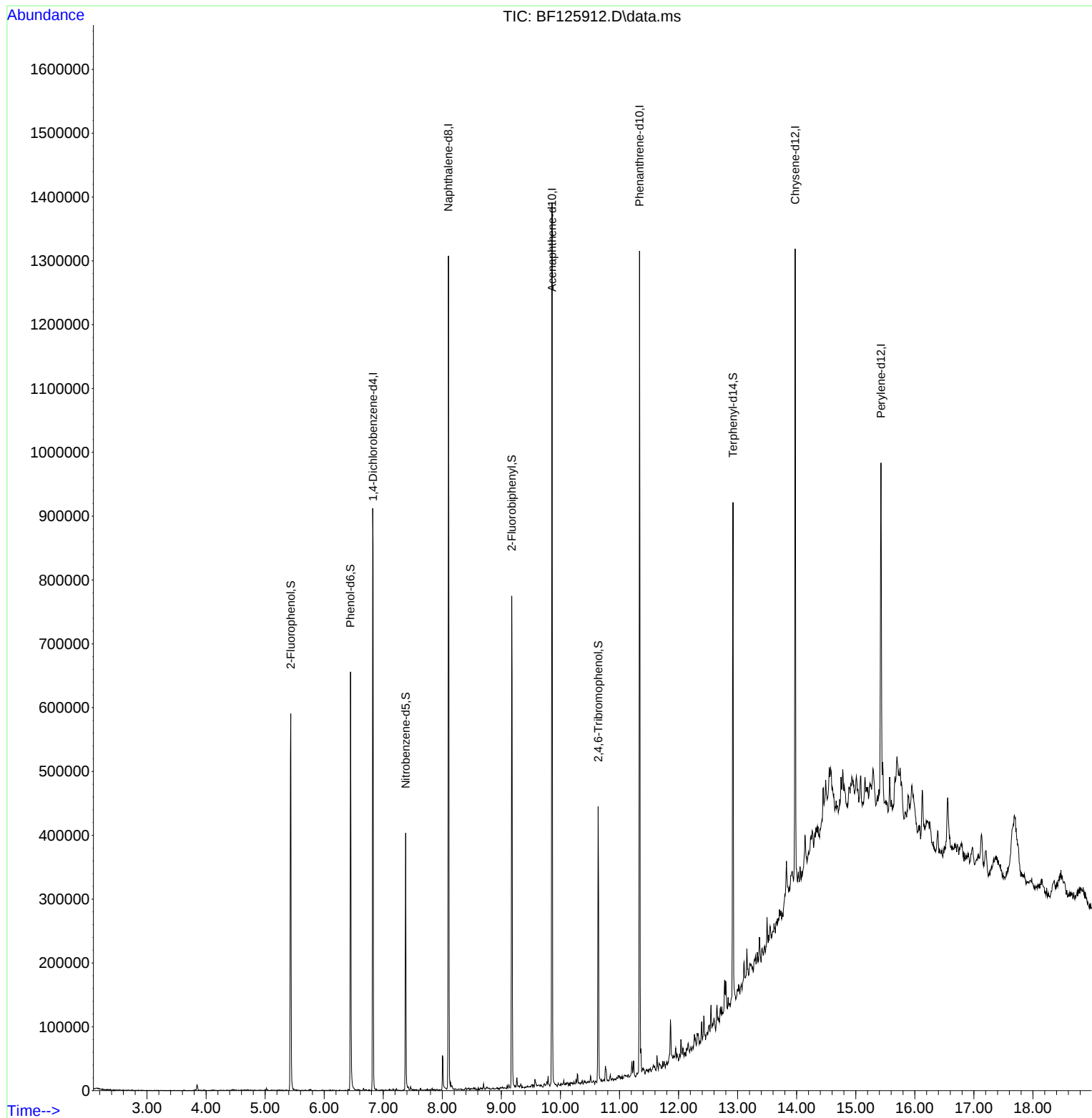
Target Compounds	Qvalue

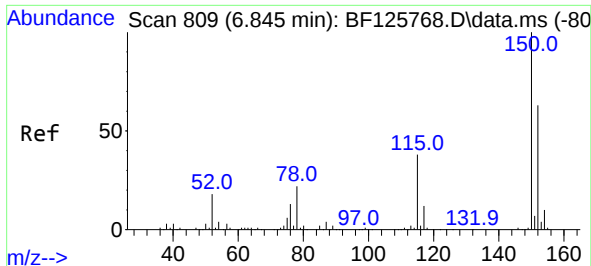
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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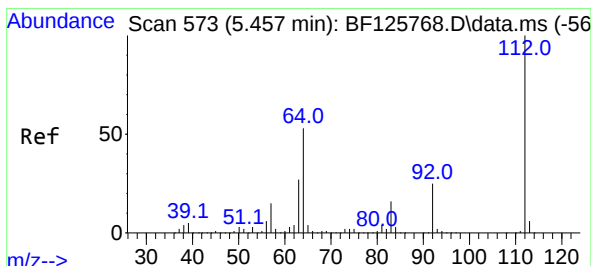
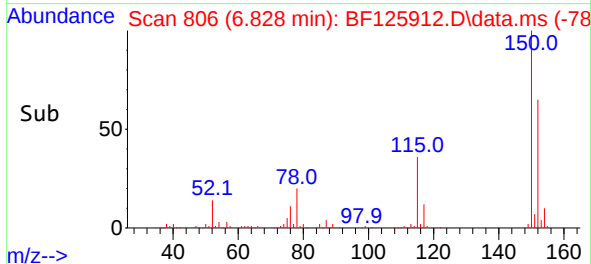
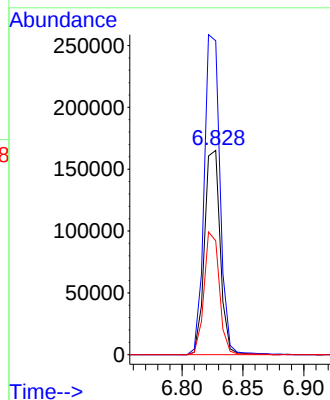
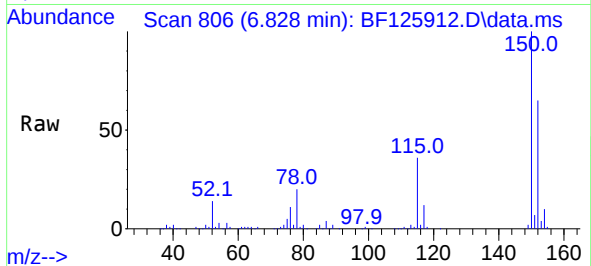




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF125912.D
Acq: 19 Oct 2021 21:38

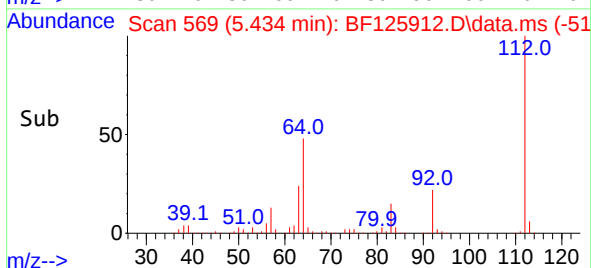
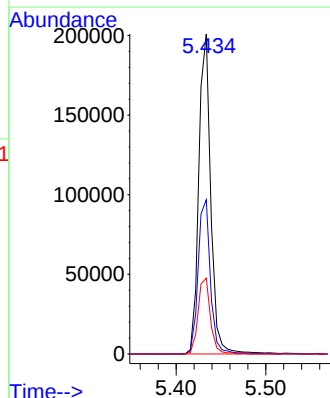
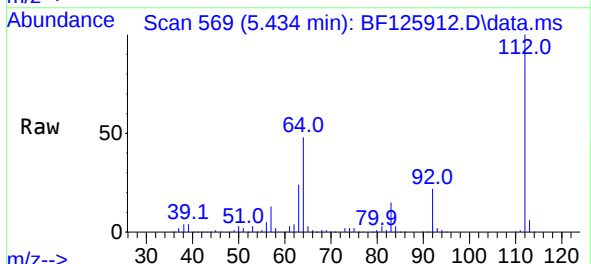
Instrument :
BNA_F
ClientSampleId :
OK-01-101821

Tgt Ion:152 Resp: 148016
Ion Ratio Lower Upper
152 100
150 153.6 117.6 176.4
115 55.8 47.1 70.7



#5
2-Fluorophenol
Concen: 20.55 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.006 min
Lab File: BF125912.D
Acq: 19 Oct 2021 21:38

Tgt Ion:112 Resp: 186163
Ion Ratio Lower Upper
112 100
64 48.2 44.2 66.2
63 23.7 26.2 39.2#

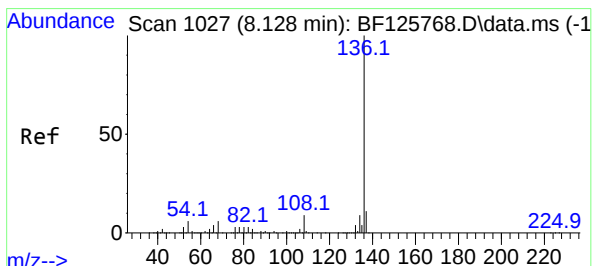
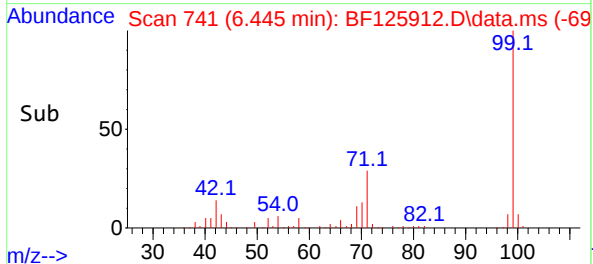
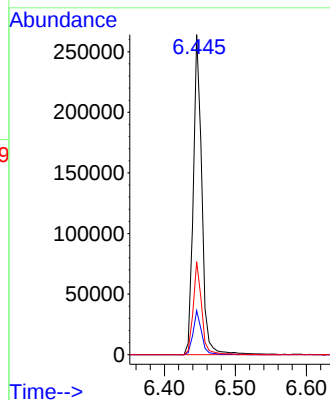
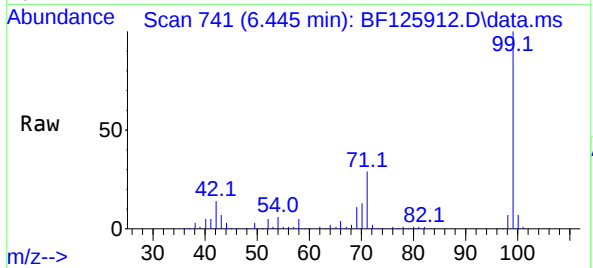




#7
Phenol-d6
Concen: 19.01 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF125912.D
Acq: 19 Oct 2021 21:38

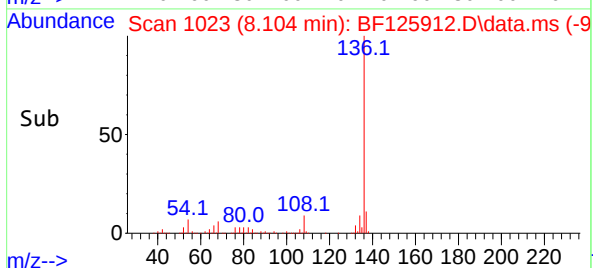
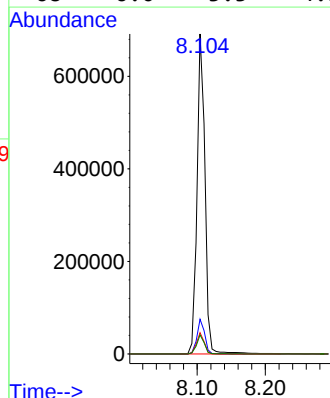
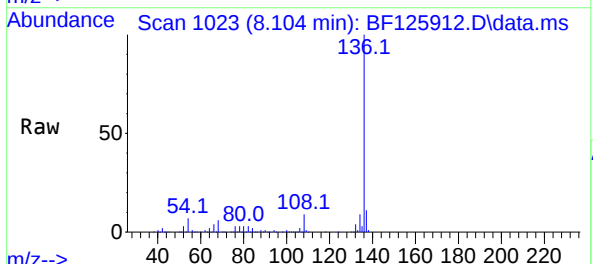
Instrument :
BNA_F
ClientSampleId :
OK-01-101821

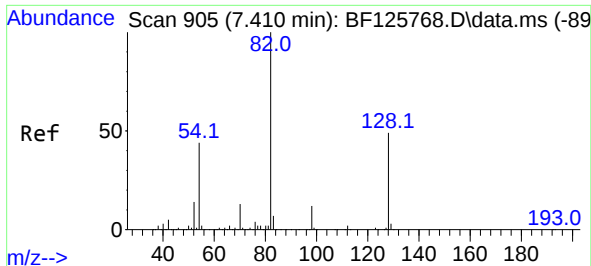
Tgt Ion: 99 Resp: 221765
Ion Ratio Lower Upper
99 100
42 13.8 23.5 35.3#
71 29.0 25.6 38.4



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF125912.D
Acq: 19 Oct 2021 21:38

Tgt Ion: 136 Resp: 559856
Ion Ratio Lower Upper
136 100
137 10.8 9.8 14.6
54 6.6 6.4 9.6
68 6.0 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 12.82 ng

RT: 7.381 min Scan# 900

Delta R.T. -0.012 min

Lab File: BF125912.D

Acq: 19 Oct 2021 21:38

Instrument :

BNA_F

ClientSampleId :

OK-01-101821

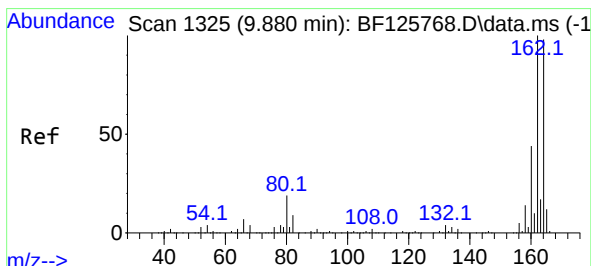
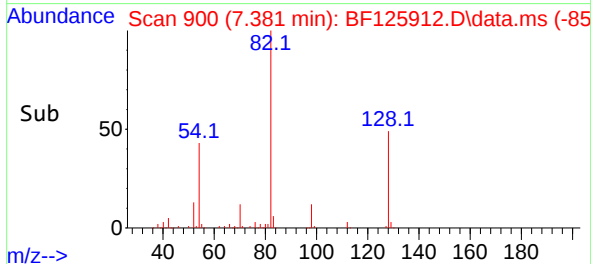
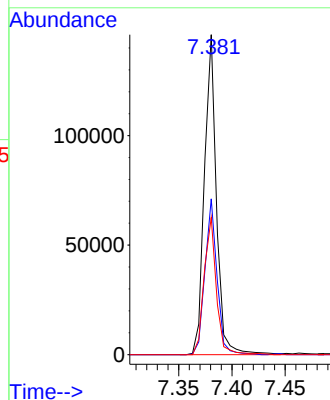
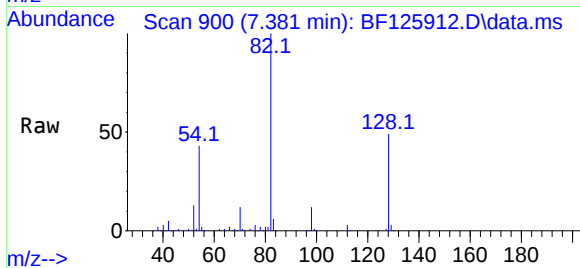
Tgt Ion: 82 Resp: 115476

Ion Ratio Lower Upper

82 100

128 48.7 40.6 60.8

54 42.9 49.6 74.4#



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.857 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF125912.D

Acq: 19 Oct 2021 21:38

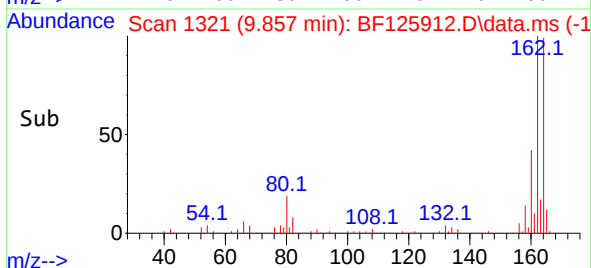
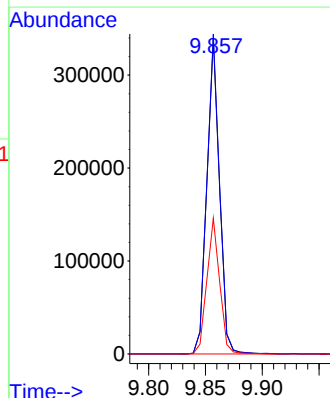
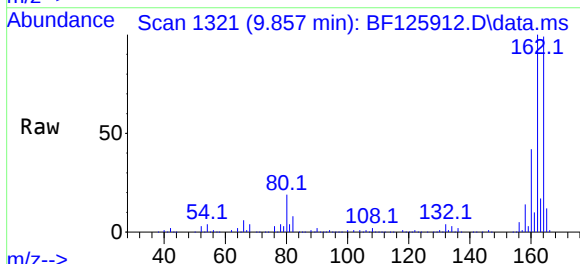
Tgt Ion: 164 Resp: 261100

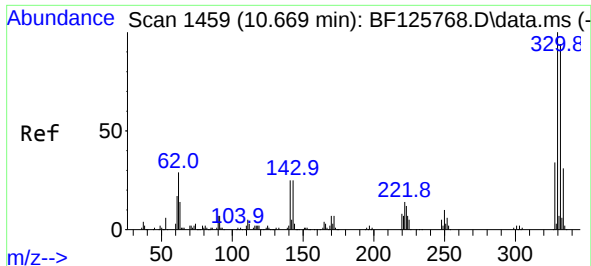
Ion Ratio Lower Upper

164 100

162 101.5 81.3 121.9

160 43.1 38.0 57.0

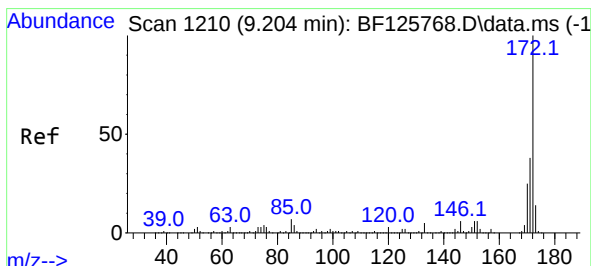
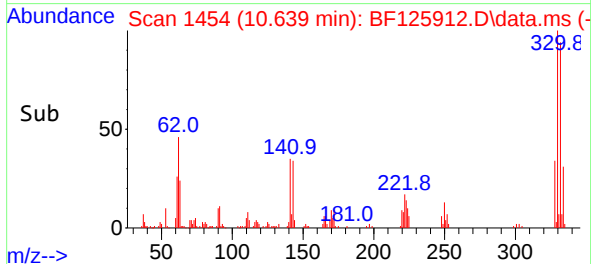
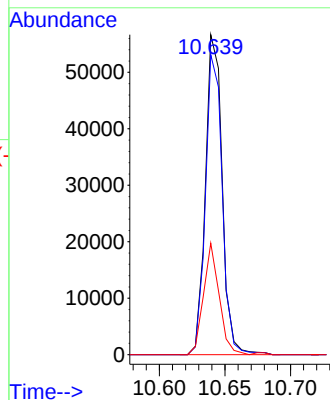
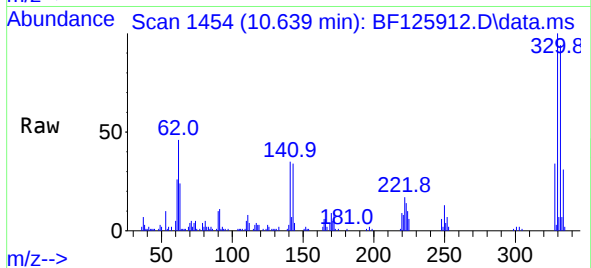




#42
2,4,6-Tribromophenol
Concen: 19.57 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF125912.D
Acq: 19 Oct 2021 21:38

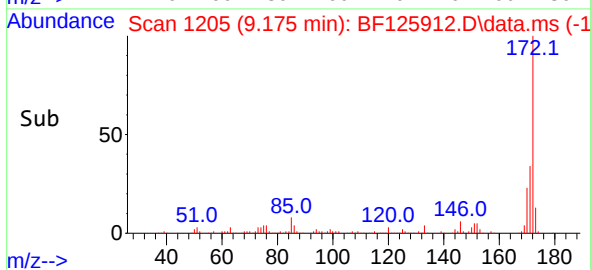
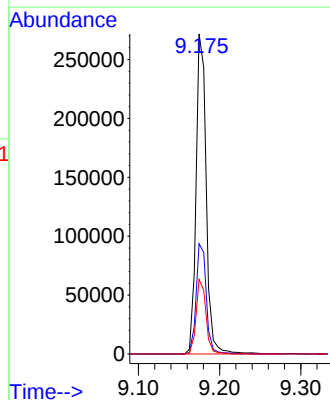
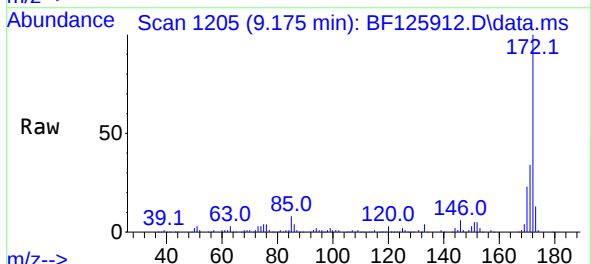
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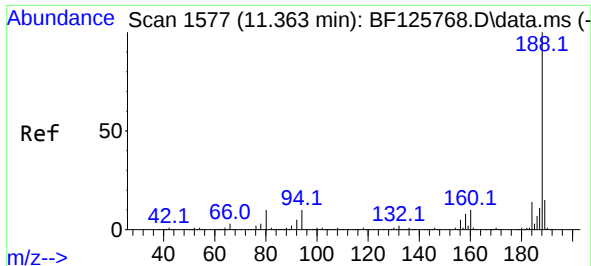
Tgt Ion:330 Resp: 50460
Ion Ratio Lower Upper
330 100
332 94.2 76.2 114.4
141 32.6 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 15.71 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF125912.D
Acq: 19 Oct 2021 21:38

Tgt Ion:172 Resp: 237820
Ion Ratio Lower Upper
172 100
171 34.5 26.5 39.7
170 23.3 18.8 28.2

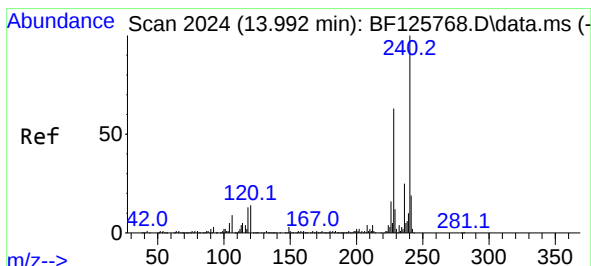
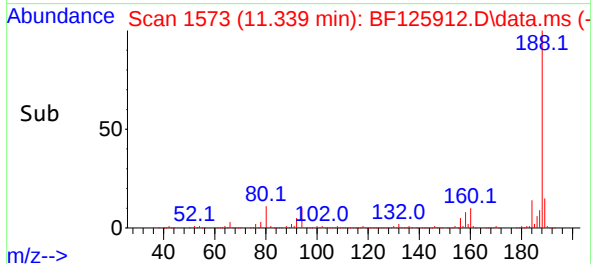
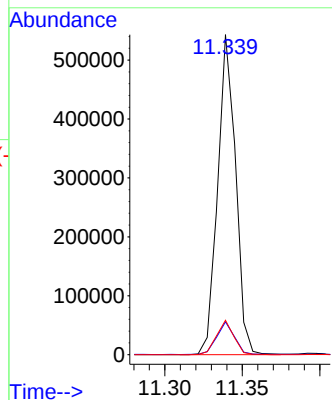
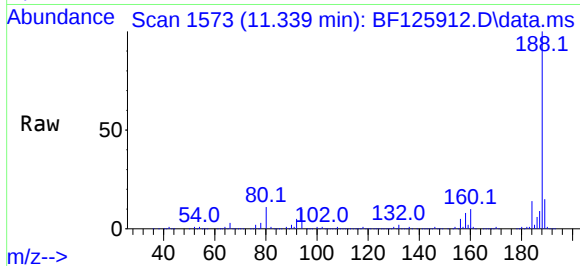




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.000 min
Lab File: BF125912.D
Acq: 19 Oct 2021 21:38

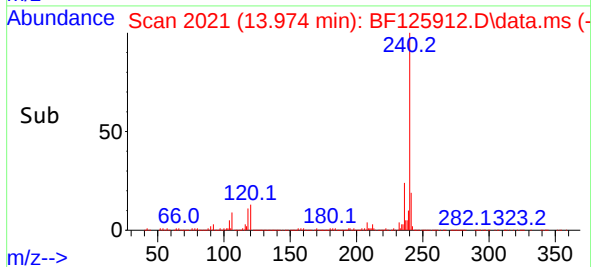
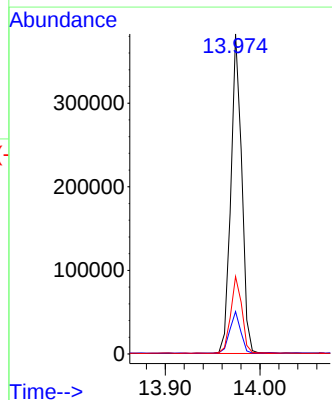
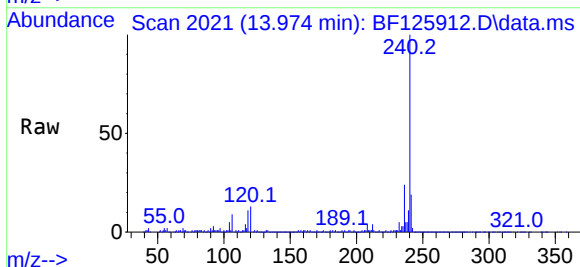
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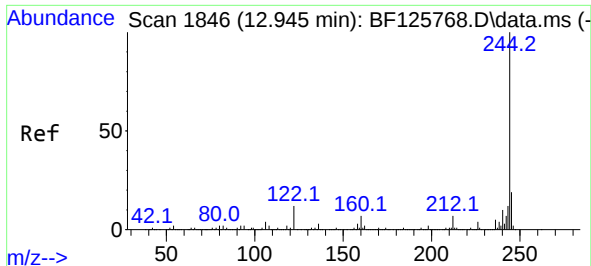
Tgt Ion:188 Resp: 437510
Ion Ratio Lower Upper
188 100
94 10.3 6.7 10.1#
80 10.7 7.5 11.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BF125912.D
Acq: 19 Oct 2021 21:38

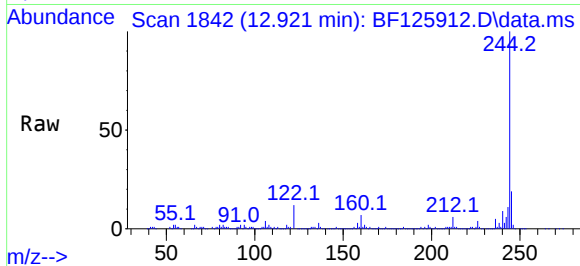
Tgt Ion:240 Resp: 305866
Ion Ratio Lower Upper
240 100
120 13.2 10.8 16.2
236 24.2 21.6 32.4



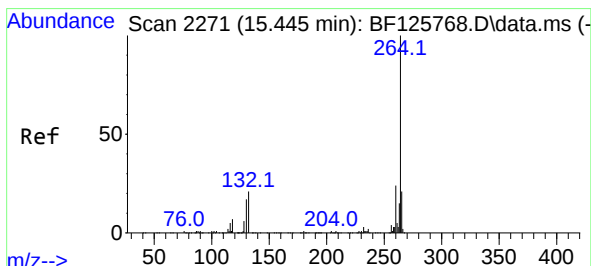
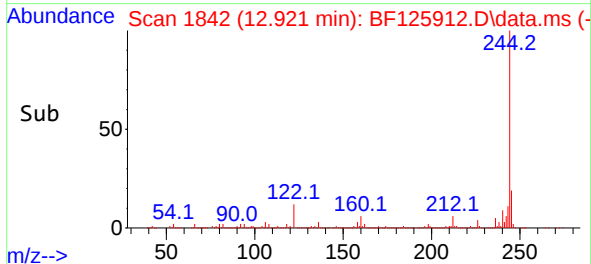
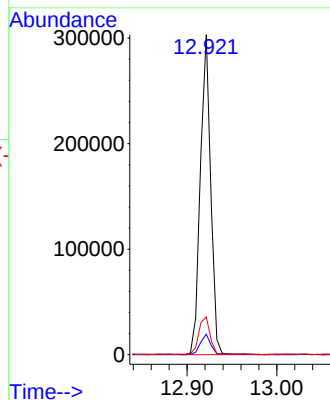


#79
Terphenyl-d14
Concen: 12.09 ng
RT: 12.921 min Scan# 1842
Delta R.T. -0.000 min
Lab File: BF125912.D
Acq: 19 Oct 2021 21:38

Instrument :
BNA_F
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Tgt Ion:244 Resp: 242762
Ion Ratio Lower Upper
244 100
212 6.4 5.9 8.9
122 11.8 9.0 13.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.427 min Scan# 2268
Delta R.T. 0.006 min
Lab File: BF125912.D
Acq: 19 Oct 2021 21:38

Tgt Ion:264 Resp: 235970
Ion Ratio Lower Upper
264 100
260 23.8 19.6 29.4
265 21.4 17.2 25.8

