

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101221\
 Data File : BF125812.D
 Acq On : 12 Oct 2021 20:39
 Operator : JU/CG
 Sample : M4158-20
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T8-COMP-(1-4)

Quant Time: Oct 13 09:47:48 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 07 17:16:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	187442	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	669043	20.00	ng	# 0.00
39) Acenaphthene-d10	9.875	164	299407	20.00	ng	0.00
64) Phenanthrene-d10	11.369	188	399297	20.00	ng	# 0.00
76) Chrysene-d12	14.004	240	412921	20.00	ng	0.01
86) Perylene-d12	15.451	264	343592	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	957808	83.48	ng	0.00
7) Phenol-d6	6.463	99	1077654	72.96	ng	-0.01
23) Nitrobenzene-d5	7.398	82	629949	58.53	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	233648	79.04	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1146153	66.03	ng	0.00
79) Terphenyl-d14	12.957	244	1023301	37.75	ng	0.01

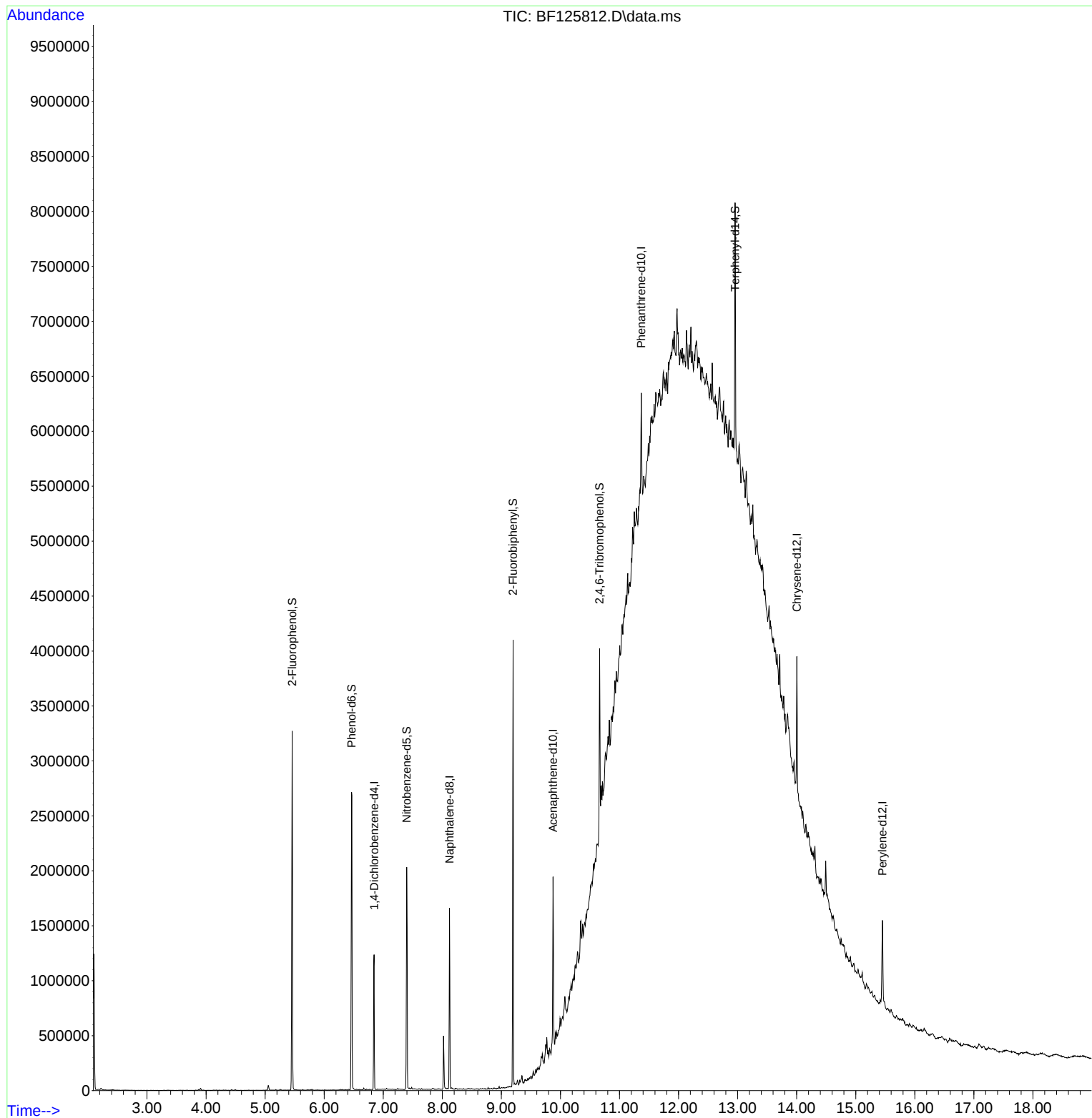
Target Compounds	Qvalue

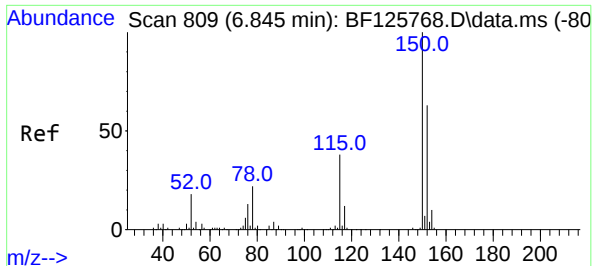
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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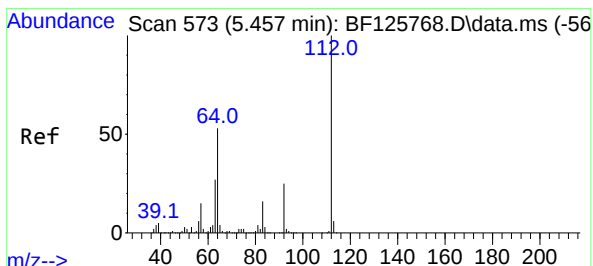
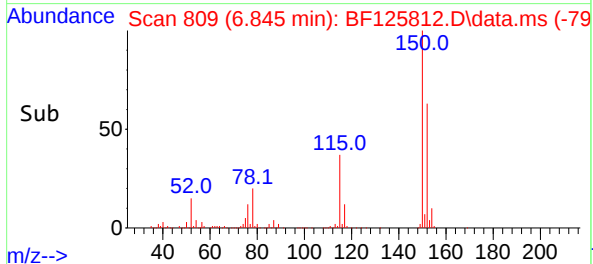
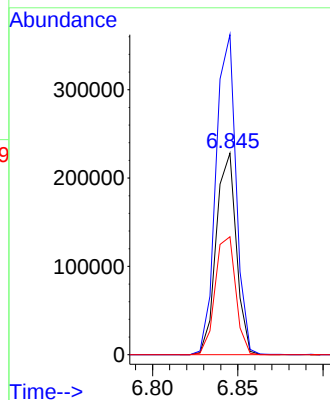
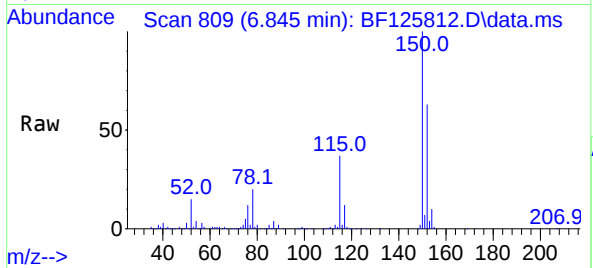




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF125812.D
Acq: 12 Oct 2021 20:39

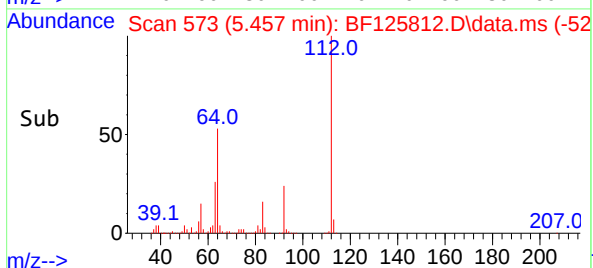
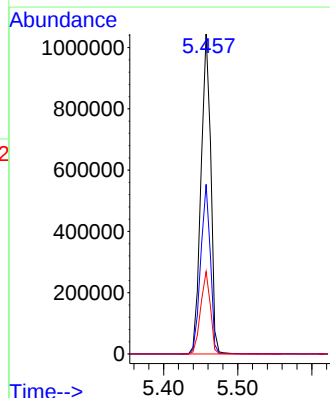
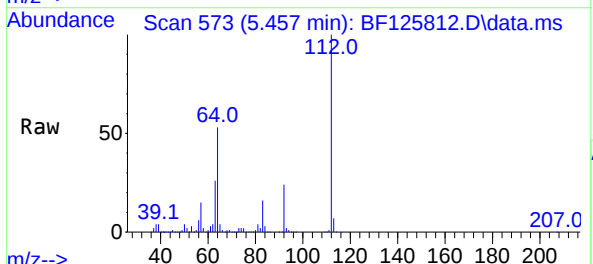
Instrument :
BNA_F
ClientSampleId :
T8-COMP-(1-4)

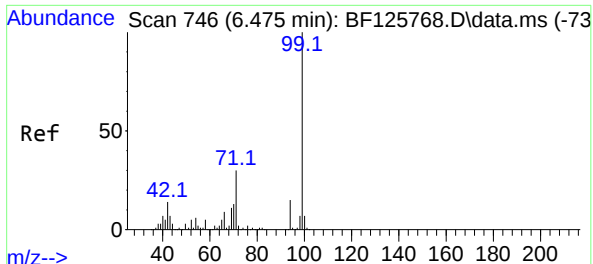
Tgt Ion:152 Resp: 187442
Ion Ratio Lower Upper
152 100
150 158.8 117.6 176.4
115 58.6 47.1 70.7



#5
2-Fluorophenol
Concen: 83.48 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.000 min
Lab File: BF125812.D
Acq: 12 Oct 2021 20:39

Tgt Ion:112 Resp: 957808
Ion Ratio Lower Upper
112 100
64 53.0 44.2 66.2
63 25.7 26.2 39.2#



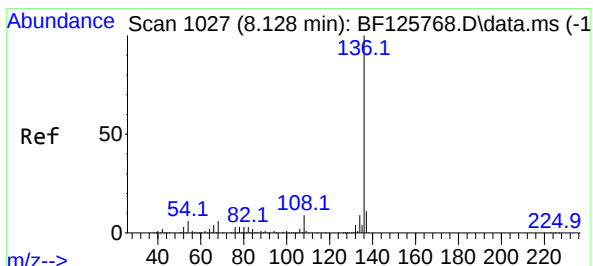
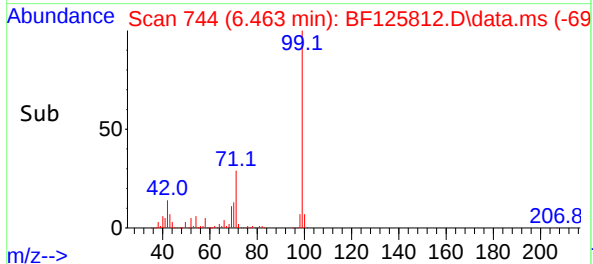
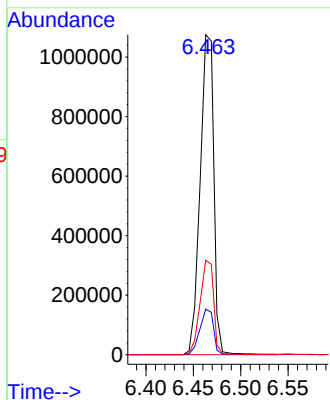
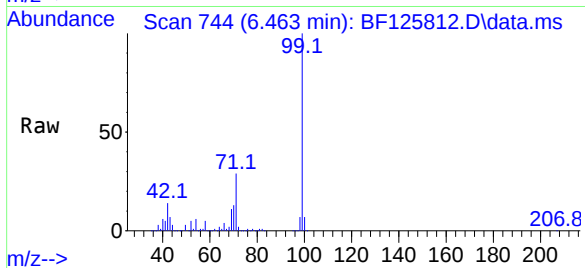


#7
Phenol-d6
Concen: 72.96 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.012 min
Lab File: BF125812.D
Acq: 12 Oct 2021 20:39

Instrument :
BNA_F
ClientSampleId :
T8-COMP-(1-4)

Tgt Ion: 99 Resp: 1077654

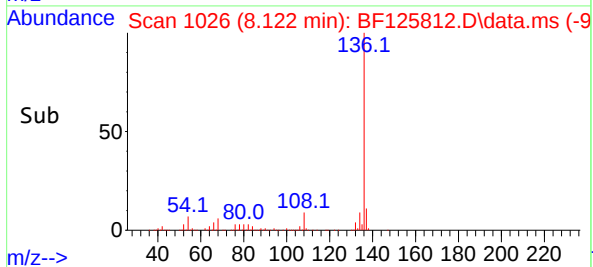
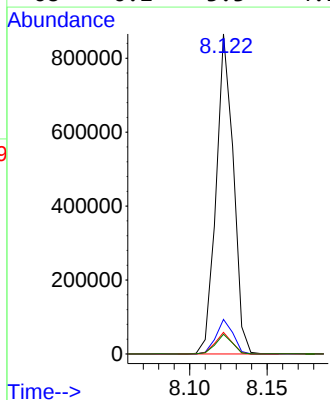
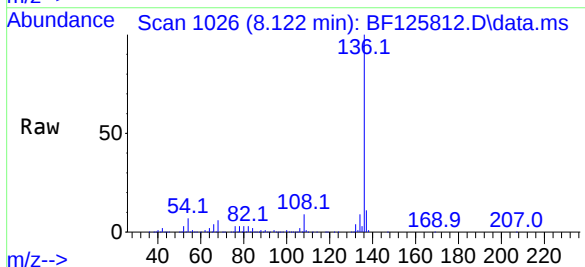
Ion	Ratio	Lower	Upper
99	100		
42	14.2	23.5	35.3#
71	29.5	25.6	38.4

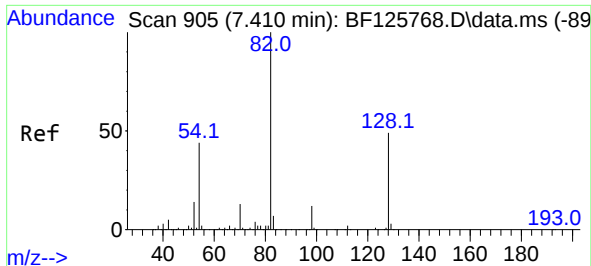


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF125812.D
Acq: 12 Oct 2021 20:39

Tgt Ion: 136 Resp: 669043

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.8	14.6
54	6.7	6.4	9.6
68	6.2	3.3	4.9#





#23

Nitrobenzene-d5

Concen: 58.53 ng

RT: 7.398 min Scan# 903

Delta R.T. -0.012 min

Lab File: BF125812.D

Acq: 12 Oct 2021 20:39

Instrument :

BNA_F

ClientSampleId :

T8-COMP-(1-4)

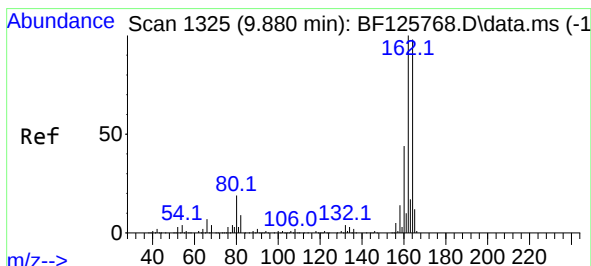
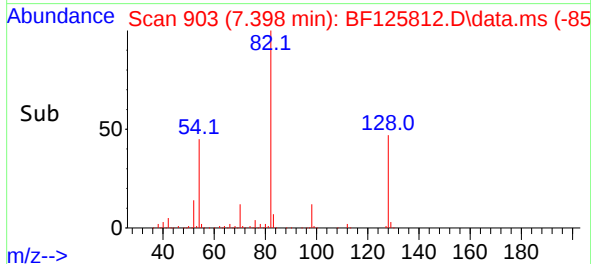
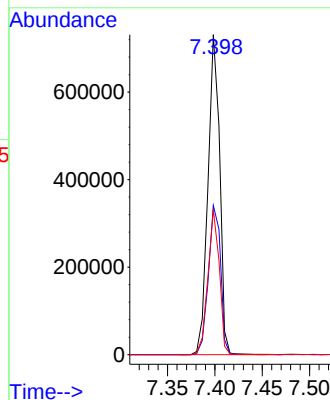
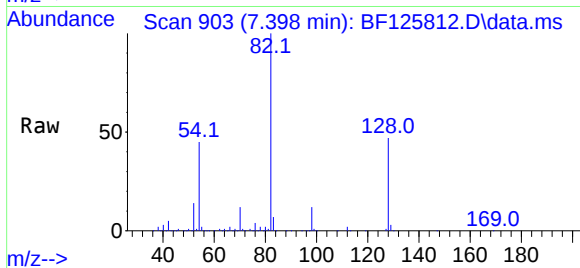
Tgt Ion: 82 Resp: 629949

Ion Ratio Lower Upper

82 100

128 46.7 40.6 60.8

54 45.3 49.6 74.4#



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.875 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF125812.D

Acq: 12 Oct 2021 20:39

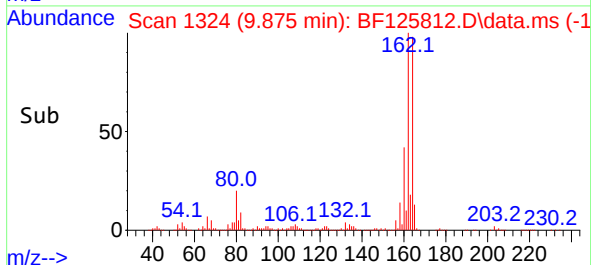
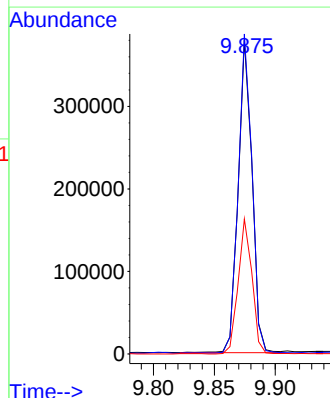
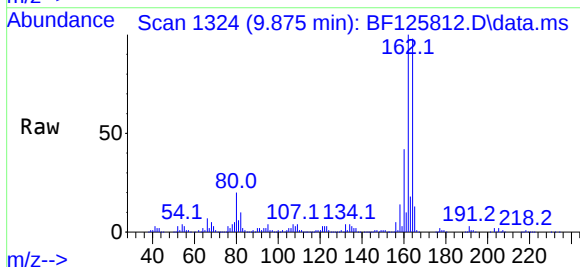
Tgt Ion:164 Resp: 299407

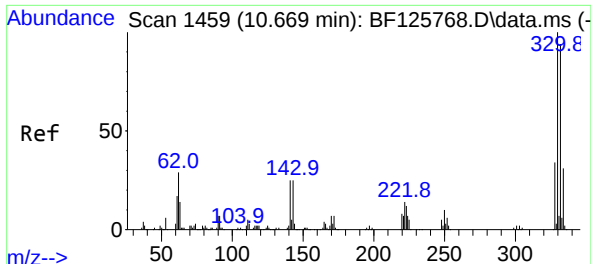
Ion Ratio Lower Upper

164 100

162 102.0 81.3 121.9

160 43.1 38.0 57.0

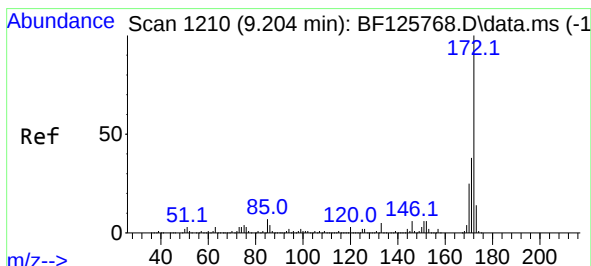
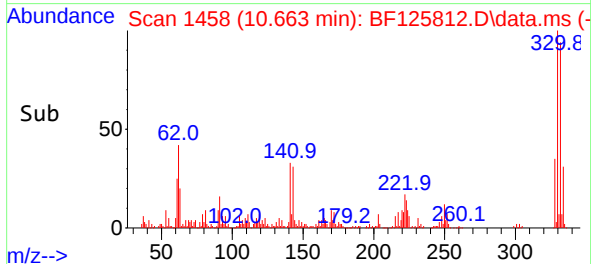
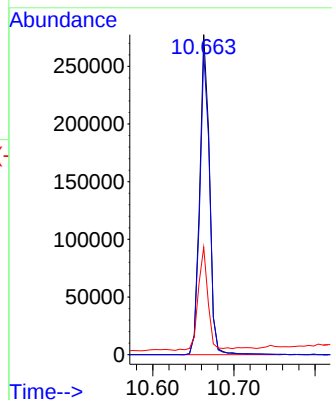
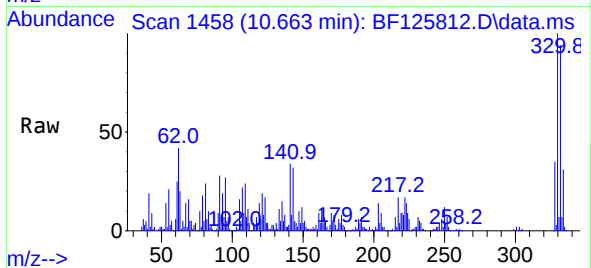




#42
2,4,6-Tribromophenol
Concen: 79.04 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF125812.D
Acq: 12 Oct 2021 20:39

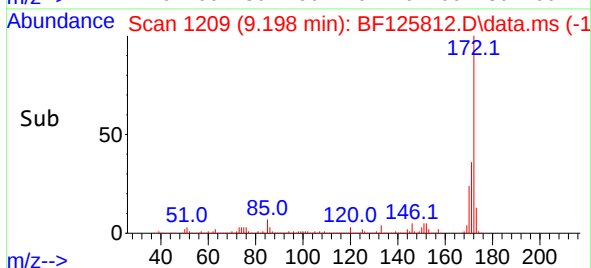
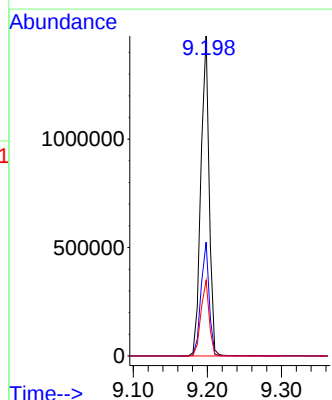
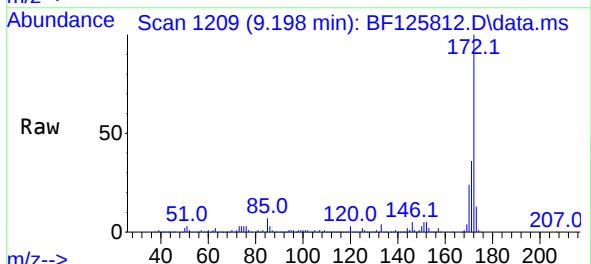
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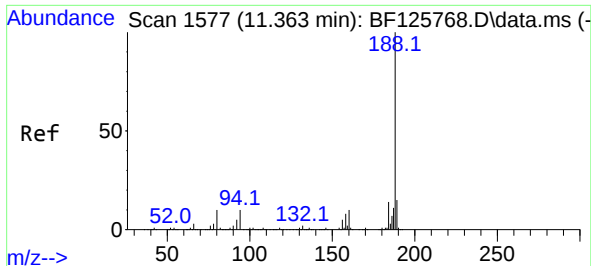
Tgt Ion:330 Resp: 233648
Ion Ratio Lower Upper
330 100
332 94.7 76.2 114.4
141 31.9 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 66.03 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF125812.D
Acq: 12 Oct 2021 20:39

Tgt Ion:172 Resp: 1146153
Ion Ratio Lower Upper
172 100
171 35.5 26.5 39.7
170 23.7 18.8 28.2

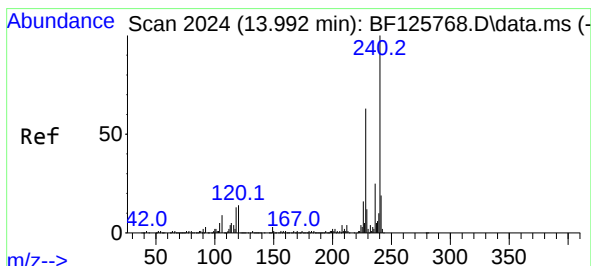
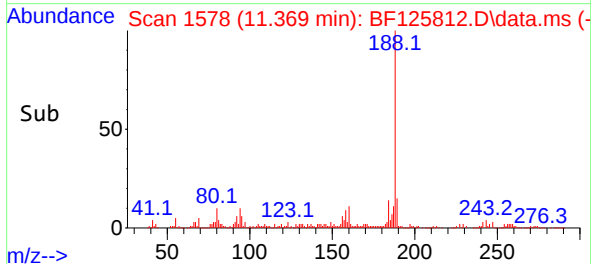
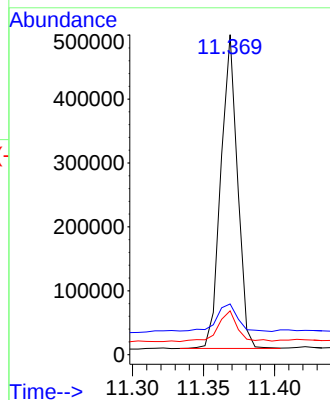
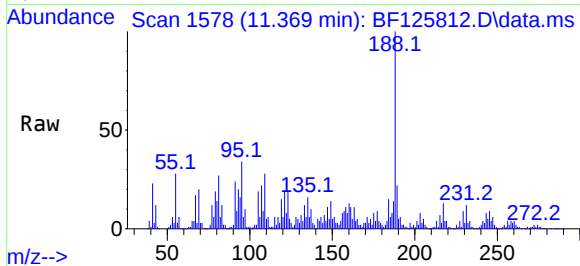




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.369 min Scan# 1578
Delta R.T. 0.006 min
Lab File: BF125812.D
Acq: 12 Oct 2021 20:39

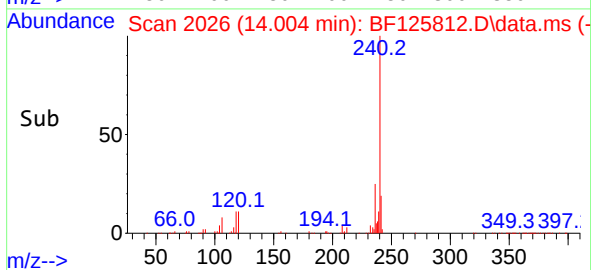
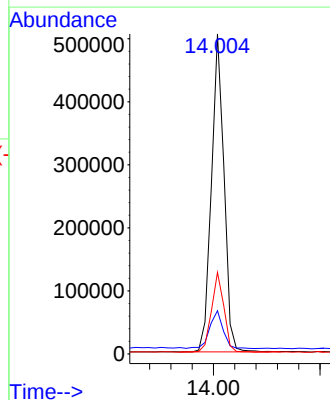
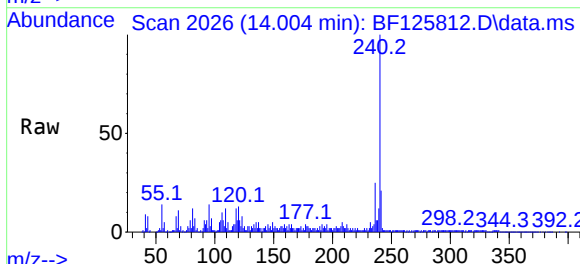
Instrument :
BNA_F
ClientSampleId :
T8-COMP-(1-4)

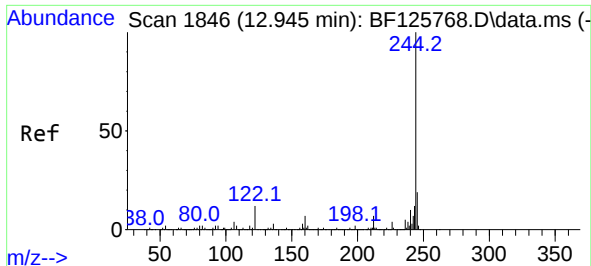
Tgt Ion:188 Resp: 399297
Ion Ratio Lower Upper
188 100
94 15.8 6.7 10.1#
80 13.7 7.5 11.3#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.004 min Scan# 2026
Delta R.T. 0.012 min
Lab File: BF125812.D
Acq: 12 Oct 2021 20:39

Tgt Ion:240 Resp: 412921
Ion Ratio Lower Upper
240 100
120 13.5 10.8 16.2
236 25.5 21.6 32.4

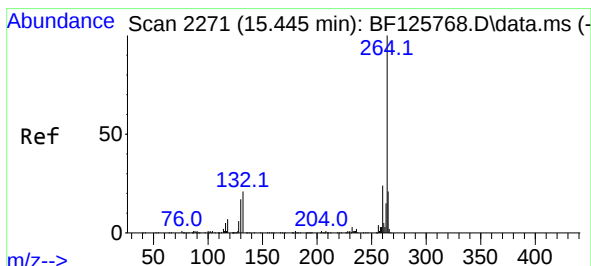
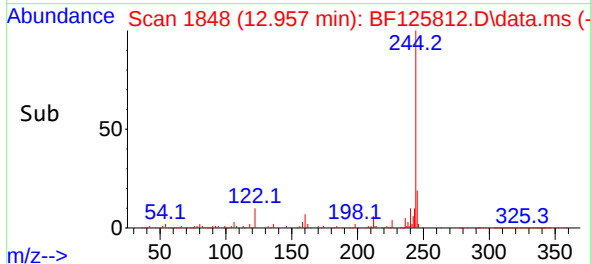
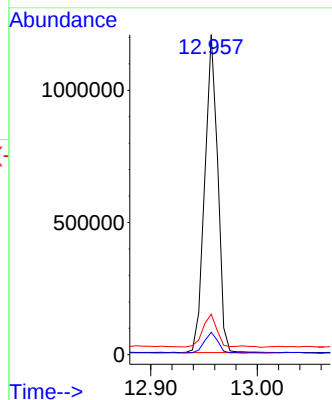
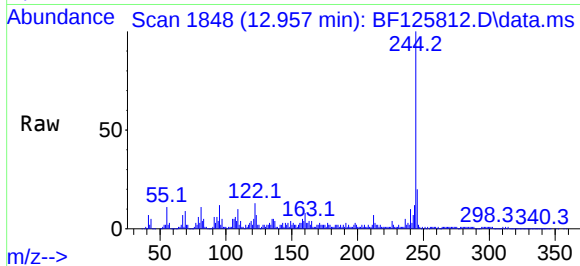




#79
Terphenyl-d14
Concen: 37.75 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.012 min
Lab File: BF125812.D
Acq: 12 Oct 2021 20:39

Instrument :
BNA_F
ClientSampleId :
T8-COMP-(1-4)

Tgt Ion:244 Resp: 1023301
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 12.7 9.0 13.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.451 min Scan# 2272
Delta R.T. 0.006 min
Lab File: BF125812.D
Acq: 12 Oct 2021 20:39

Tgt Ion:264 Resp: 343592
Ion Ratio Lower Upper
264 100
260 24.4 19.6 29.4
265 21.2 17.2 25.8

