

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110821\
 Data File : BF126068.D
 Acq On : 8 Nov 2021 16:42
 Operator : JU/CG
 Sample : M4540-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Nov 09 09:32:55 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 03 17:21:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	147594	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	507772	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	253055	20.000	ng	0.00
64) Phenanthrene-d10	11.368	188	372474	20.000	ng	0.00
76) Chrysene-d12	14.009	240	338724	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	262128	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	889171	103.456	ng	0.01
7) Phenol-d6	6.481	99	1110175	91.632	ng	0.00
23) Nitrobenzene-d5	7.416	82	811648	75.383	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	246277	84.922	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1388036	74.124	ng	0.00
79) Terphenyl-d14	12.957	244	1149686	54.733	ng	0.00

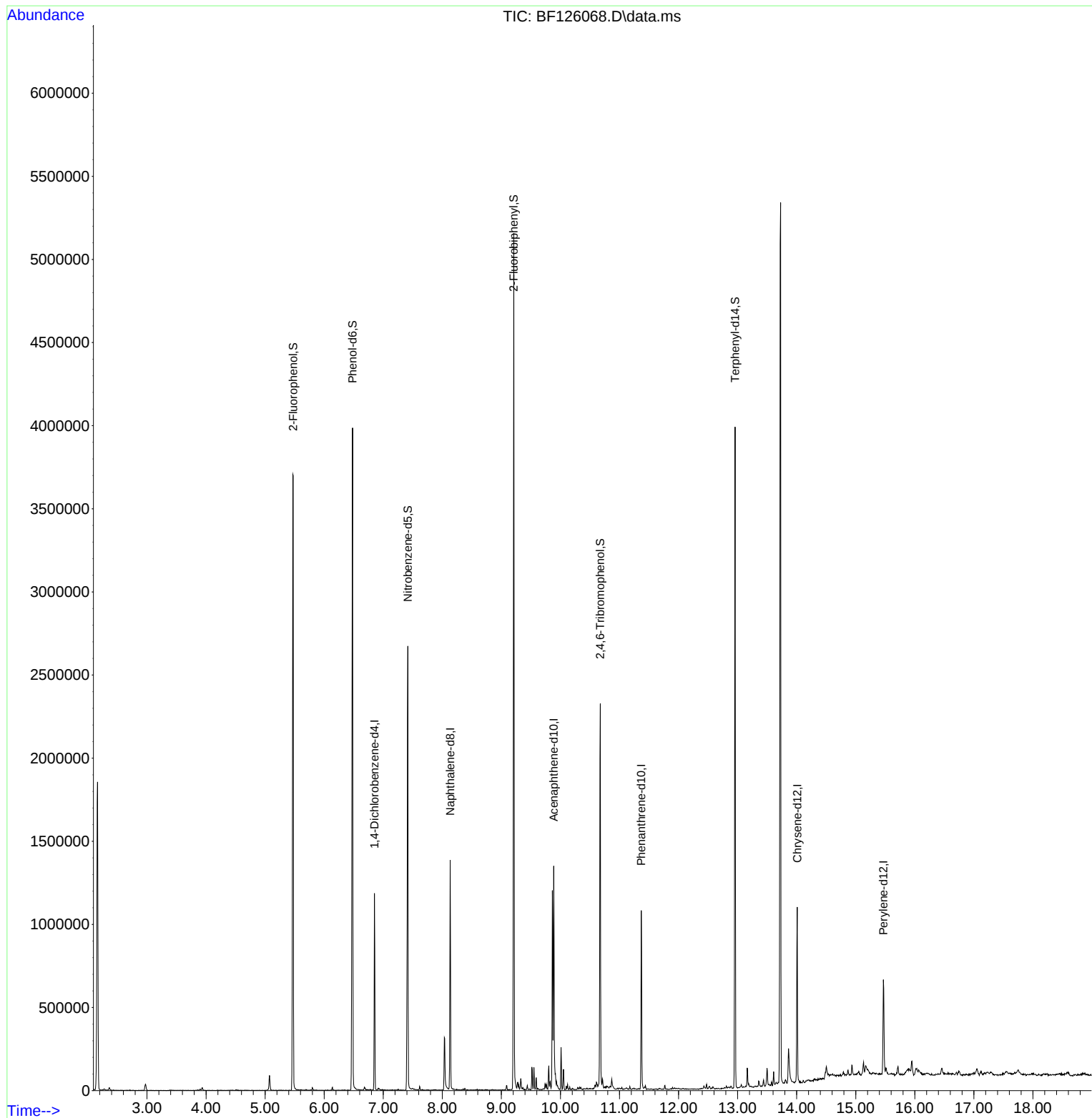
Target Compounds	Qvalue

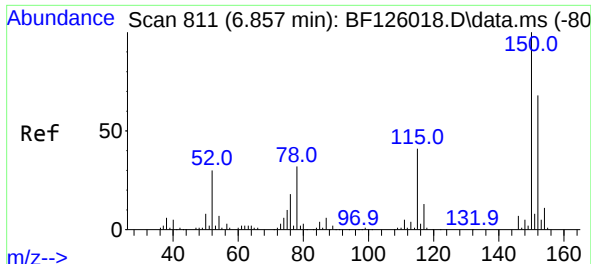
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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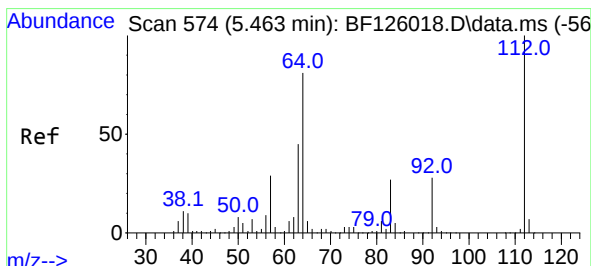
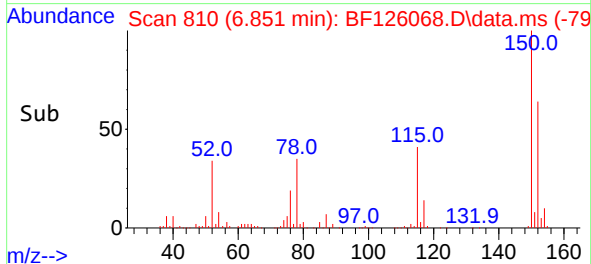
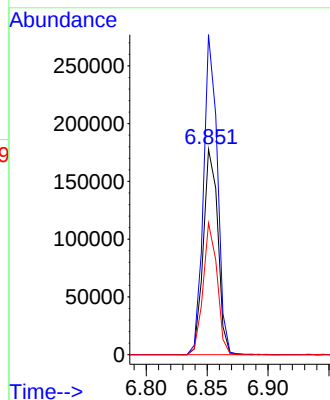
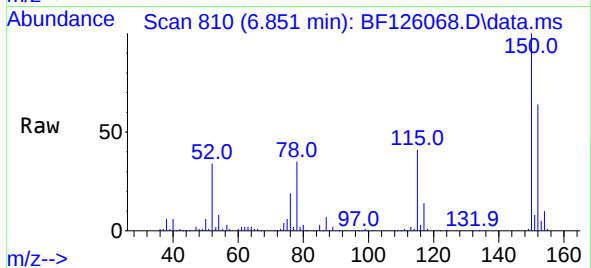




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF126068.D
Acq: 8 Nov 2021 16:42

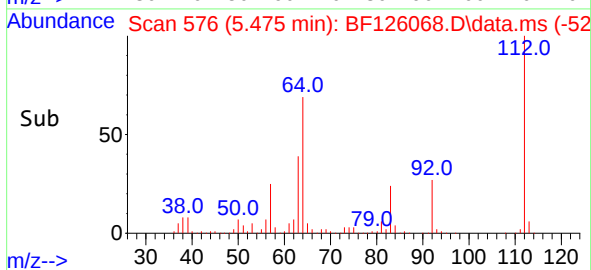
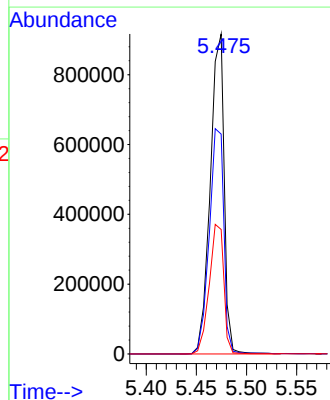
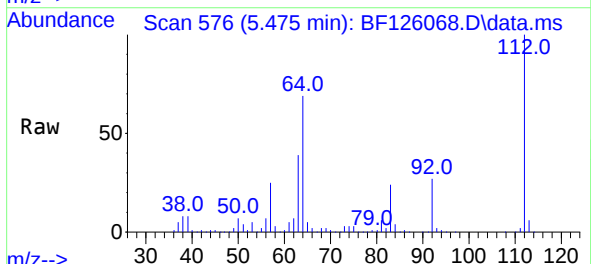
Instrument :
BNA_F
ClientSampleId :
TP-1

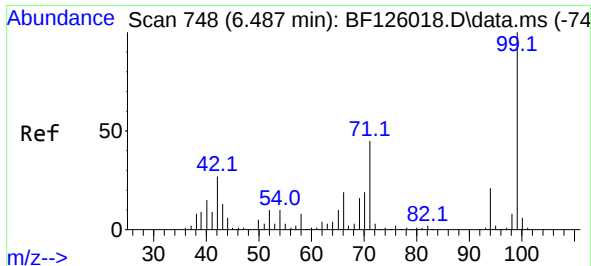
Tgt Ion:152 Resp: 147594
Ion Ratio Lower Upper
152 100
150 155.7 117.6 176.4
115 64.1 47.1 70.7



#5
2-Fluorophenol
Concen: 103.456 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF126068.D
Acq: 8 Nov 2021 16:42

Tgt Ion:112 Resp: 889171
Ion Ratio Lower Upper
112 100
64 68.7 44.2 66.2#
63 38.9 26.2 39.2

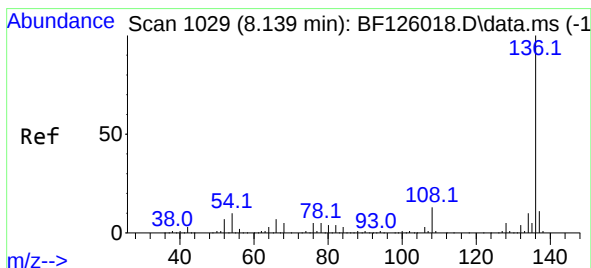
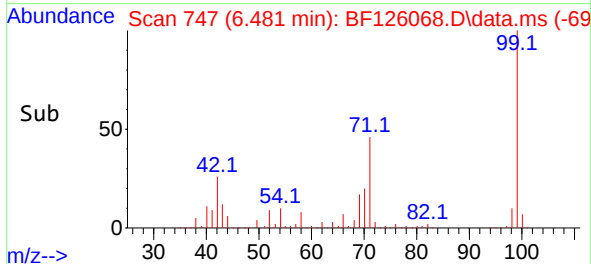
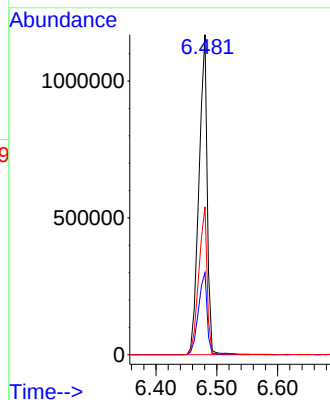
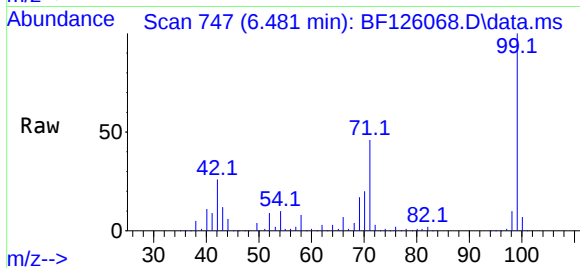




#7
Phenol-d6
Concen: 91.632 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF126068.D
Acq: 8 Nov 2021 16:42

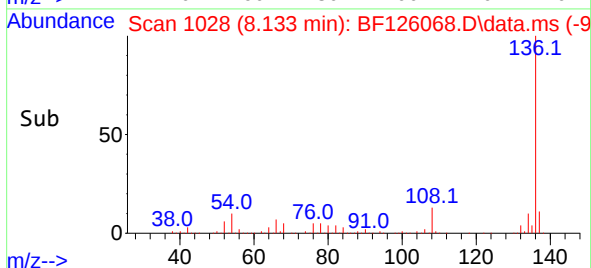
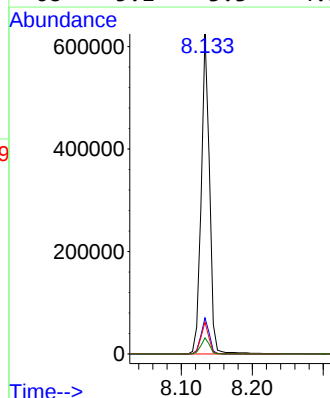
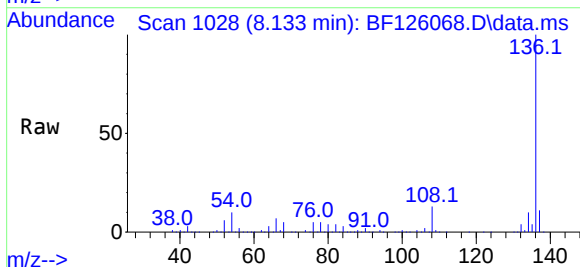
Instrument :
BNA_F
ClientSampleId :
TP-1

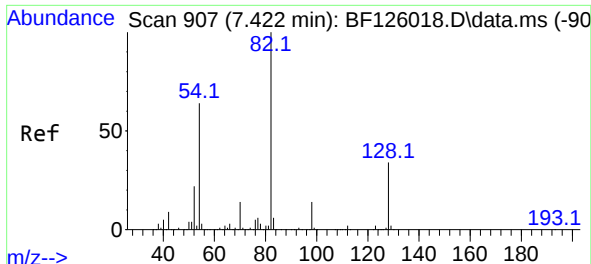
Tgt Ion: 99 Resp: 1110175
Ion Ratio Lower Upper
99 100
42 25.7 23.5 35.3
71 46.2 25.6 38.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF126068.D
Acq: 8 Nov 2021 16:42

Tgt Ion: 136 Resp: 507772
Ion Ratio Lower Upper
136 100
137 11.3 9.8 14.6
54 9.9 6.4 9.6#
68 5.1 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 75.383 ng

RT: 7.416 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF126068.D

Acq: 8 Nov 2021 16:42

Instrument :

BNA_F

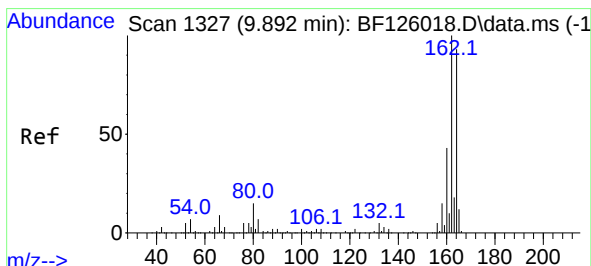
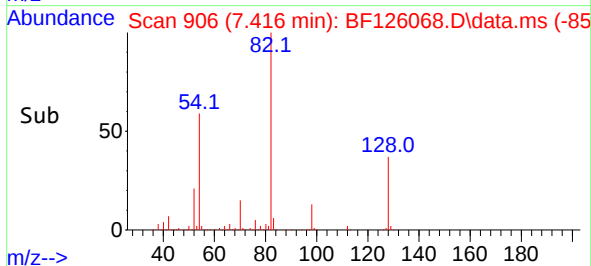
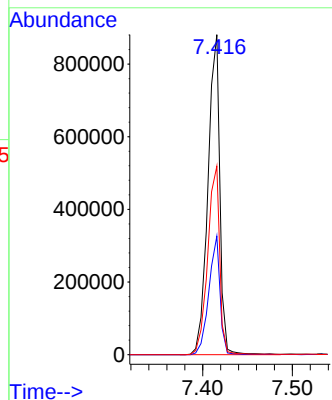
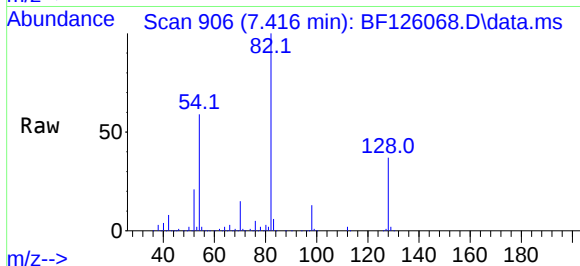
ClientSampleId :

TP-1

Tgt Ion: 82 Resp: 811648

Ion Ratio Lower Upper

82	100		
128	37.1	40.6	60.8
54	58.9	49.6	74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1326

Delta R.T. -0.006 min

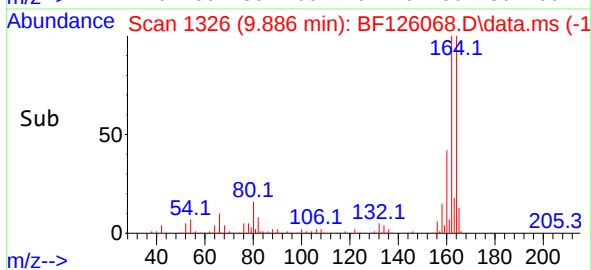
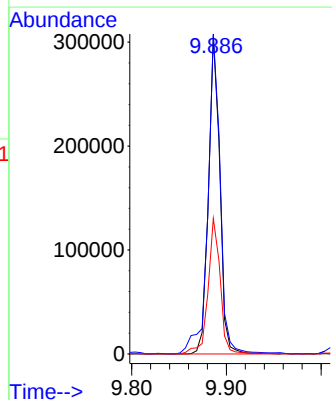
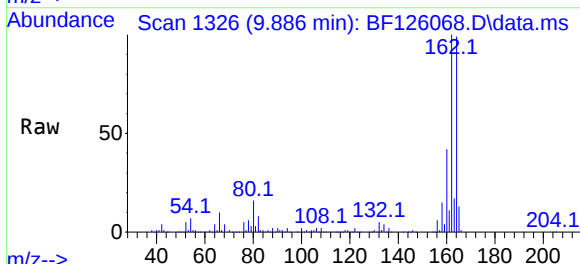
Lab File: BF126068.D

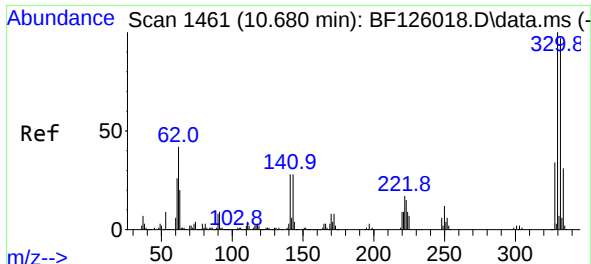
Acq: 8 Nov 2021 16:42

Tgt Ion: 164 Resp: 253055

Ion Ratio Lower Upper

164	100		
162	100.8	81.3	121.9
160	42.7	38.0	57.0

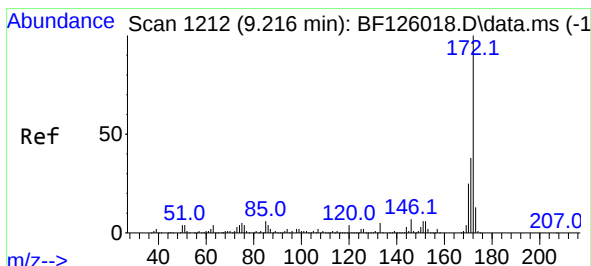
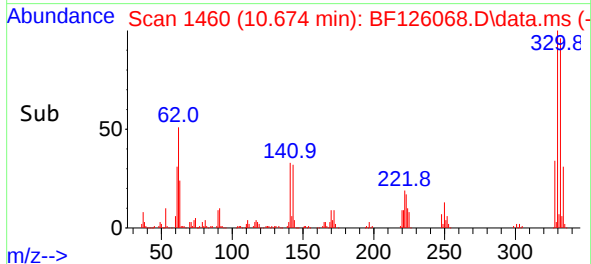
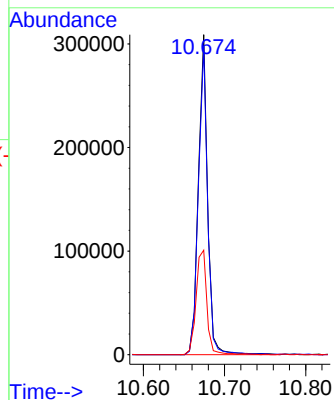
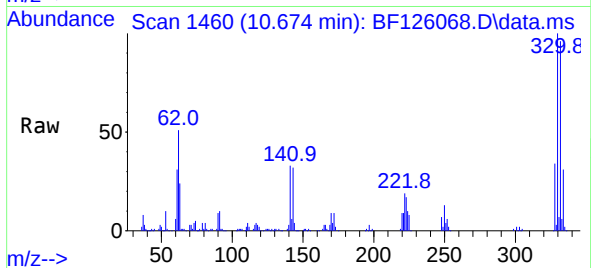




#42
2,4,6-Tribromophenol
Concen: 84.922 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF126068.D
Acq: 8 Nov 2021 16:42

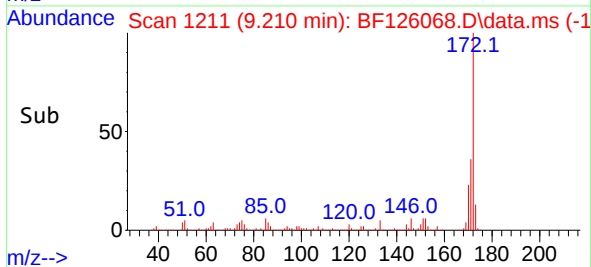
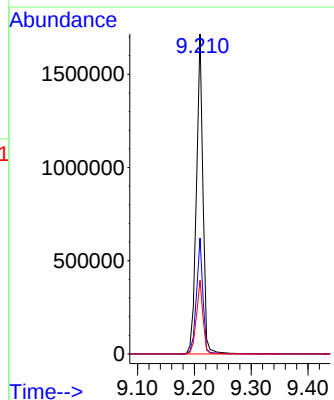
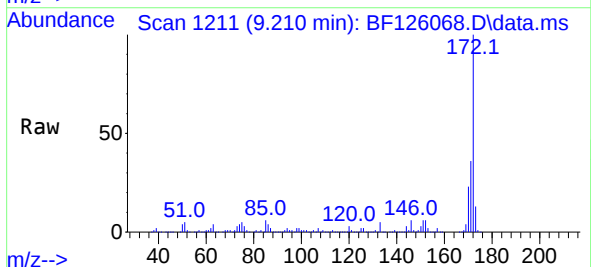
Instrument :
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ClientSampleId :
TP-1

Tgt Ion:330 Resp: 246277
Ion Ratio Lower Upper
330 100
332 96.6 76.2 114.4
141 38.3 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 74.124 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF126068.D
Acq: 8 Nov 2021 16:42

Tgt Ion:172 Resp: 1388036
Ion Ratio Lower Upper
172 100
171 36.2 26.5 39.7
170 23.0 18.8 28.2

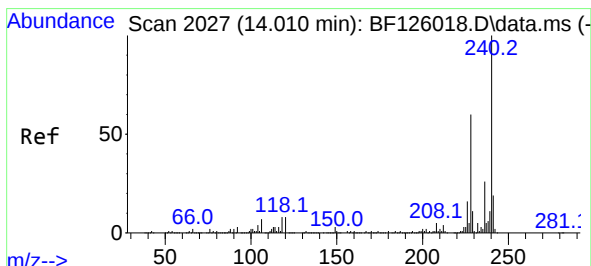
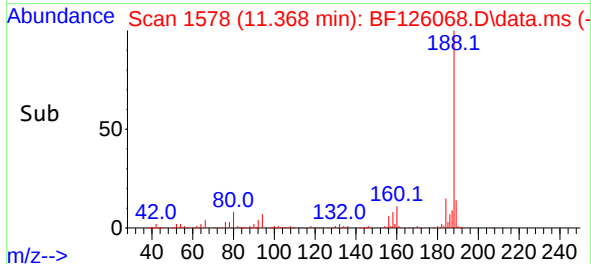
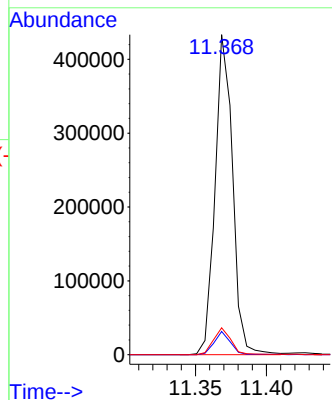
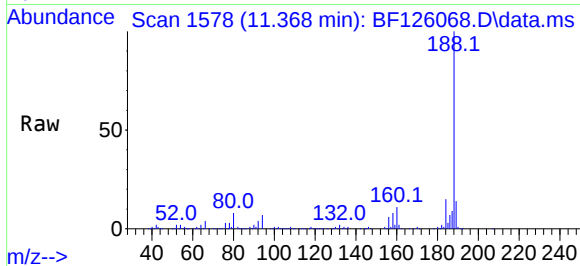




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.368 min Scan# 11
Delta R.T. -0.007 min
Lab File: BF126068.D
Acq: 8 Nov 2021 16:42

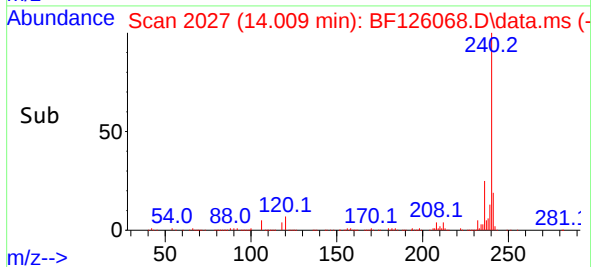
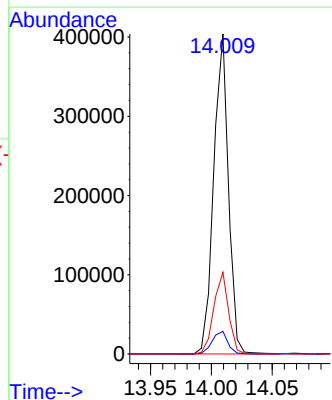
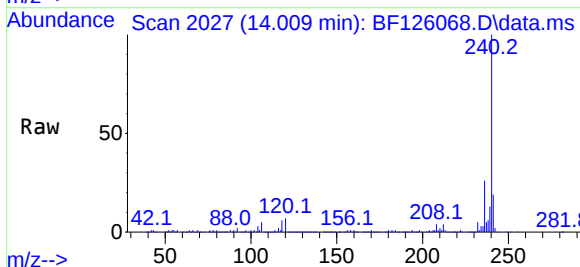
Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:188 Resp: 372474
Ion Ratio Lower Upper
188 100
94 7.2 6.7 10.1
80 8.4 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.009 min Scan# 2027
Delta R.T. -0.001 min
Lab File: BF126068.D
Acq: 8 Nov 2021 16:42

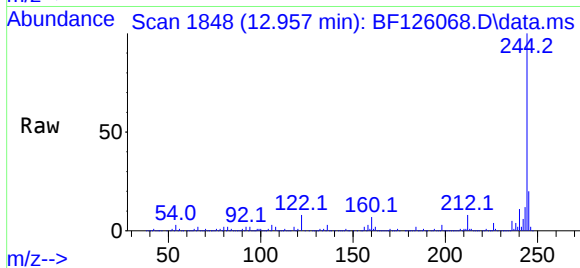
Tgt Ion:240 Resp: 338724
Ion Ratio Lower Upper
240 100
120 7.1 10.8 16.2#
236 25.5 21.6 32.4





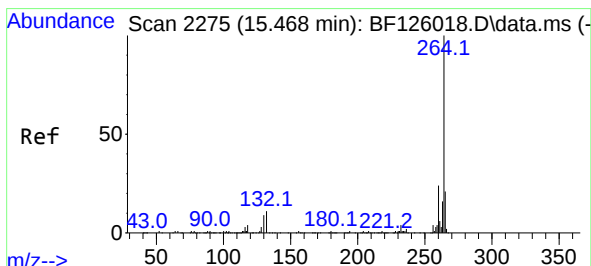
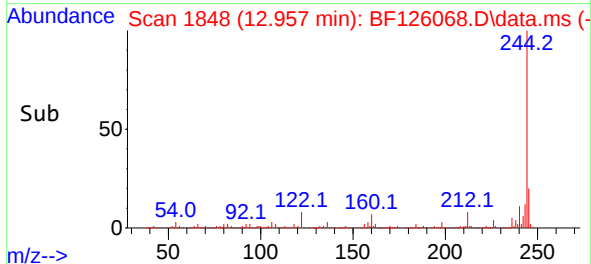
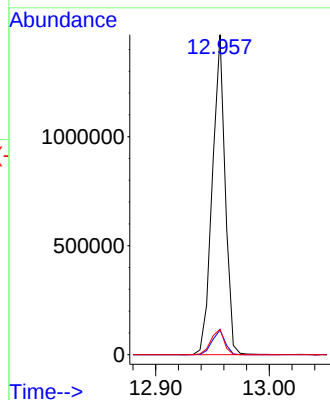
#79
 Terphenyl-d14
 Concen: 54.733 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. -0.006 min
 Lab File: BF126068.D
 Acq: 8 Nov 2021 16:42

Instrument :
 BNA_F
 ClientSampleId :
 TP-1



Tgt Ion:244 Resp: 1149686

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.9	8.9
122	7.9	9.0	13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2275
 Delta R.T. 0.000 min
 Lab File: BF126068.D
 Acq: 8 Nov 2021 16:42

Tgt Ion:264 Resp: 262128

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.6	29.4
265	20.2	17.2	25.8

