

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111021\
 Data File : BF126104.D
 Acq On : 10 Nov 2021 13:16
 Operator : JU/CG
 Sample : M4540-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Nov 11 09:27:32 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	145717	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	504582	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	257218	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	394533	20.000	ng	# 0.00
76) Chrysene-d12	14.010	240	340999	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	306791	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	883430	104.113	ng	0.01
7) Phenol-d6	6.481	99	1113485	93.089	ng	0.00
23) Nitrobenzene-d5	7.416	82	792666	74.086	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	273436	92.762	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1411738	74.169	ng	0.00
79) Terphenyl-d14	12.957	244	1154499	54.595	ng	0.00

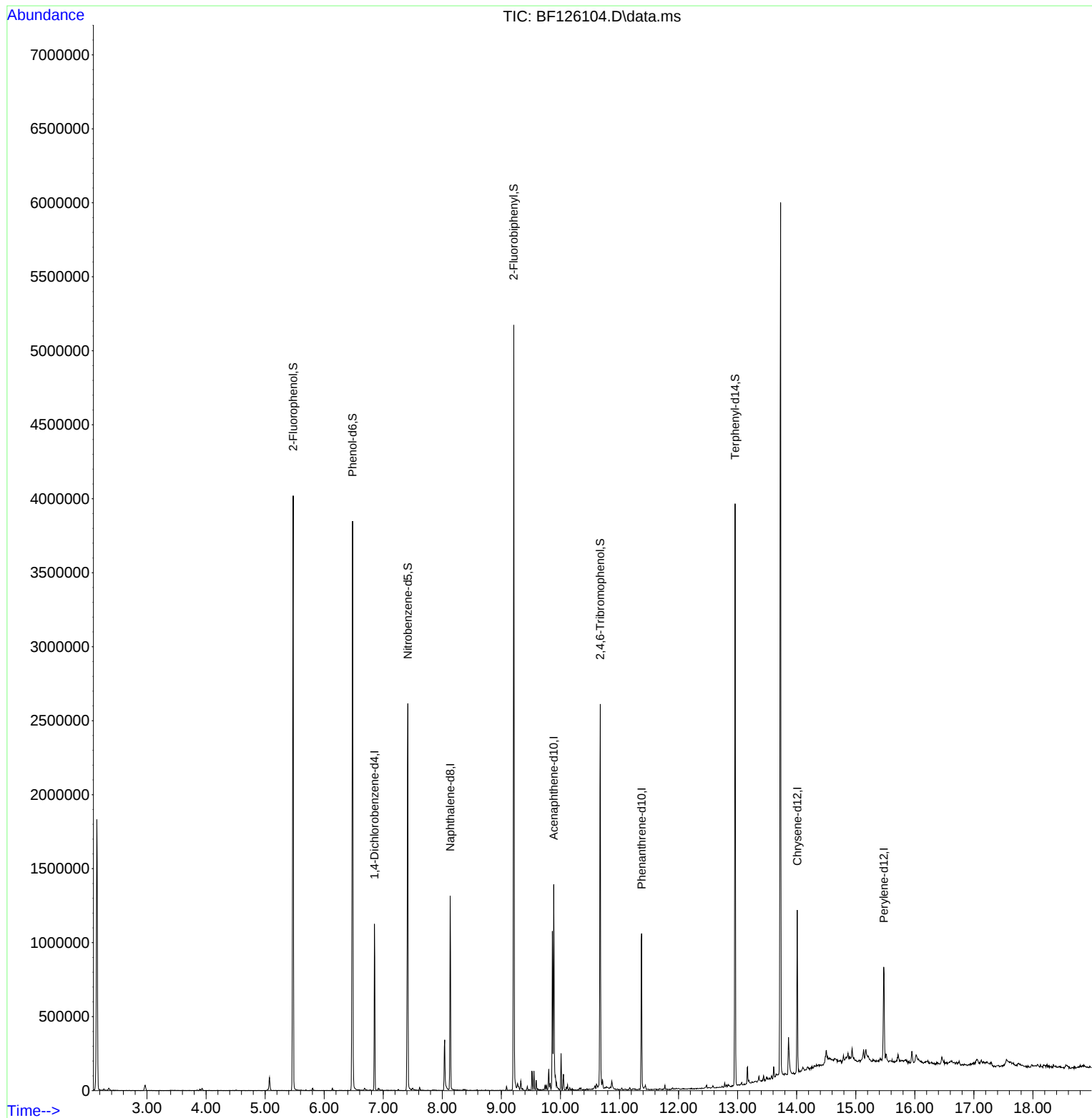
Target Compounds	Qvalue

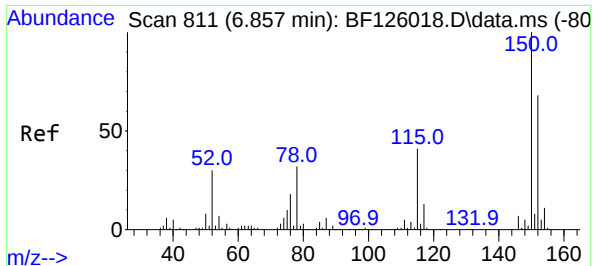
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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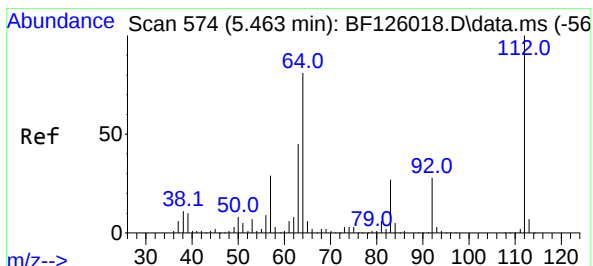
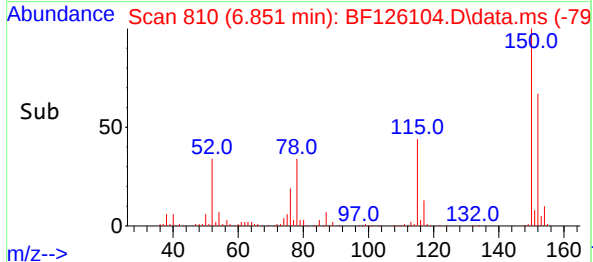
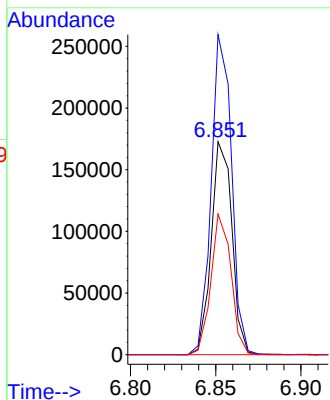
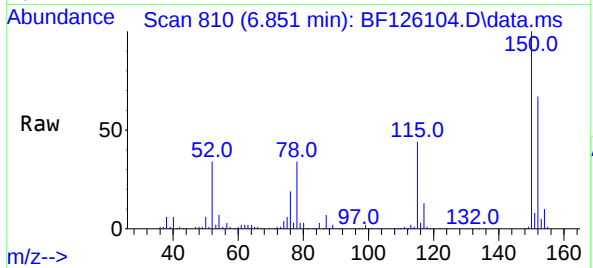




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF126104.D
Acq: 10 Nov 2021 13:16

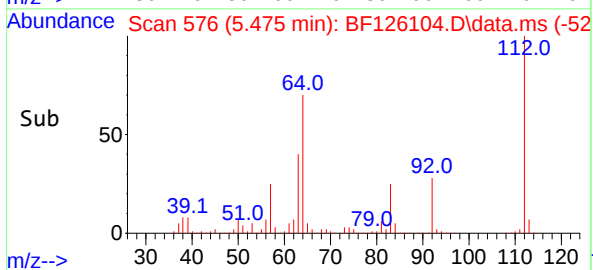
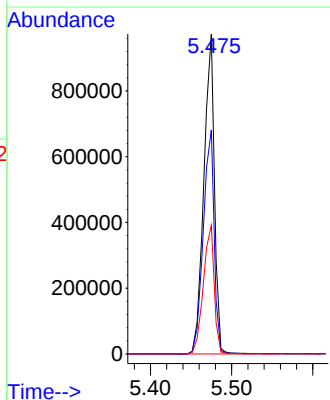
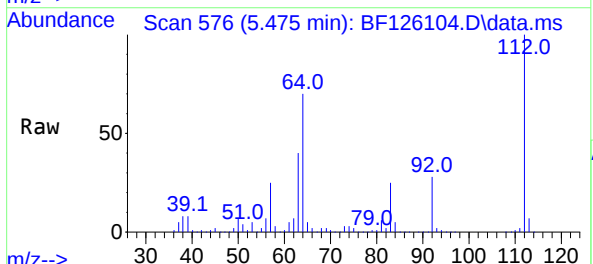
Instrument :
BNA_F
ClientSampleId :
TP-1

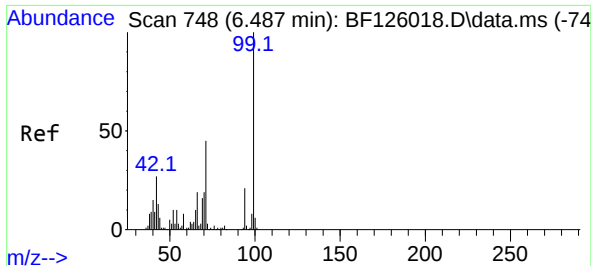
Tgt Ion:152 Resp: 145717
Ion Ratio Lower Upper
152 100
150 150.3 117.6 176.4
115 66.1 47.1 70.7



#5
2-Fluorophenol
Concen: 104.113 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF126104.D
Acq: 10 Nov 2021 13:16

Tgt Ion:112 Resp: 883430
Ion Ratio Lower Upper
112 100
64 70.0 44.2 66.2#
63 40.2 26.2 39.2#

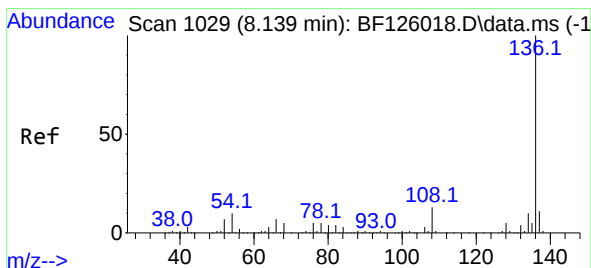
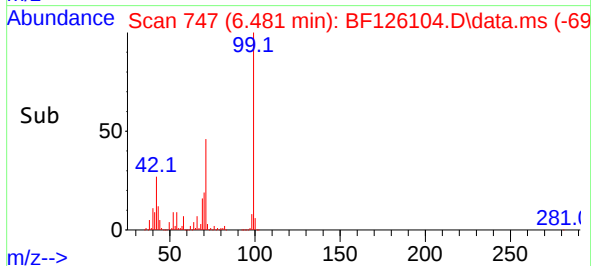
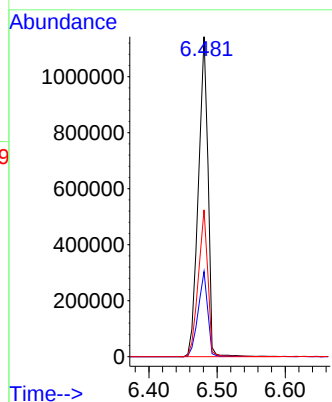
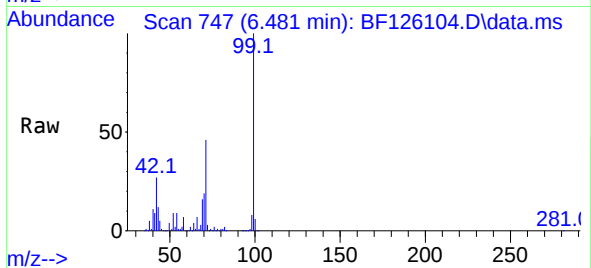




#7
Phenol-d6
Concen: 93.089 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF126104.D
Acq: 10 Nov 2021 13:16

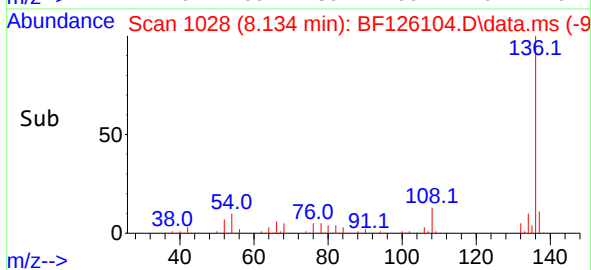
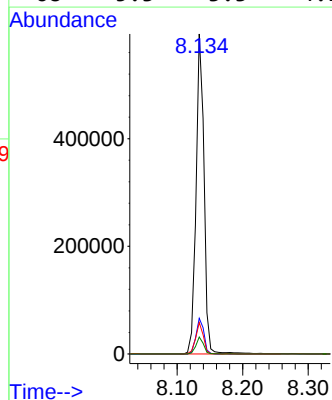
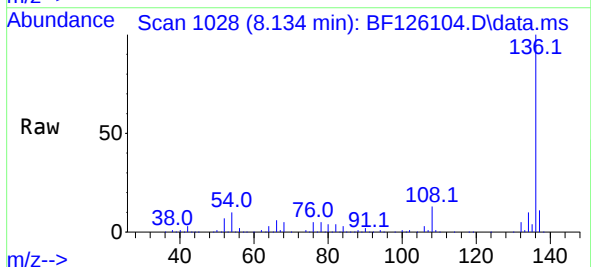
Instrument :
BNA_F
ClientSampleId :
TP-1

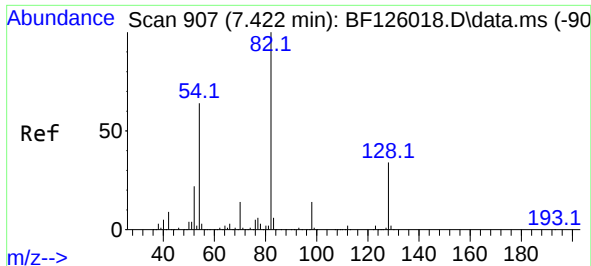
Tgt Ion: 99 Resp: 1113485
Ion Ratio Lower Upper
99 100
42 26.6 23.5 35.3
71 45.9 25.6 38.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.005 min
Lab File: BF126104.D
Acq: 10 Nov 2021 13:16

Tgt Ion: 136 Resp: 504582
Ion Ratio Lower Upper
136 100
137 11.2 9.8 14.6
54 9.8 6.4 9.6#
68 5.3 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 74.086 ng

RT: 7.416 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF126104.D

Acq: 10 Nov 2021 13:16

Instrument :

BNA_F

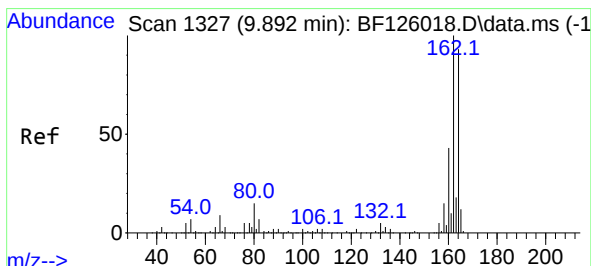
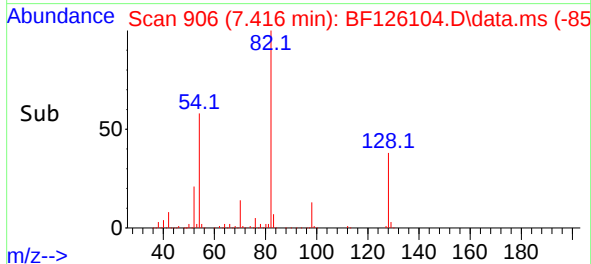
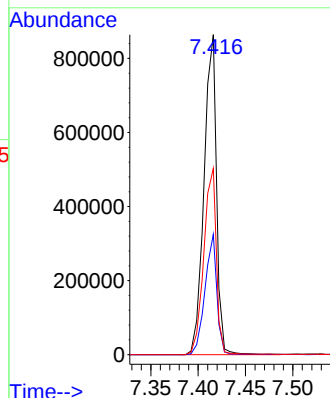
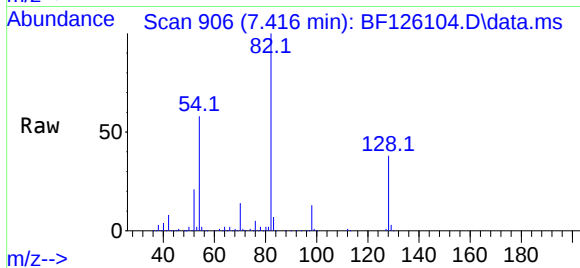
ClientSampleId :

TP-1

Tgt Ion: 82 Resp: 792666

Ion Ratio Lower Upper

82	100		
128	37.6	40.6	60.8
54	58.2	49.6	74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1326

Delta R.T. -0.006 min

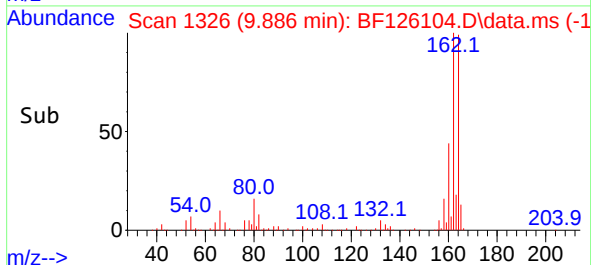
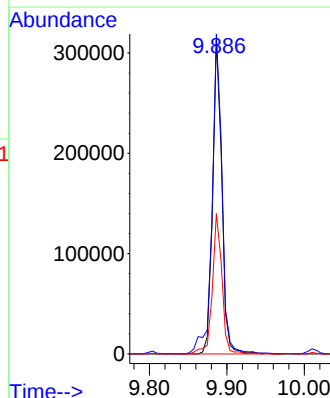
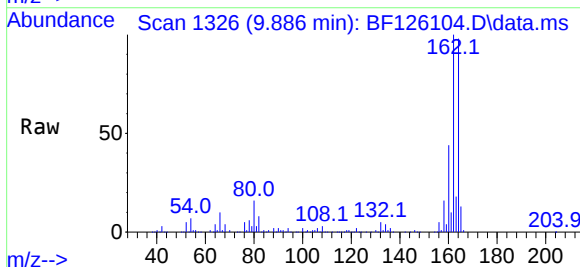
Lab File: BF126104.D

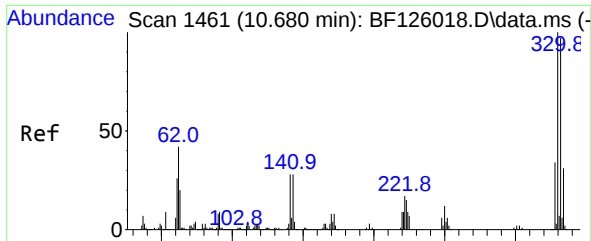
Acq: 10 Nov 2021 13:16

Tgt Ion: 164 Resp: 257218

Ion Ratio Lower Upper

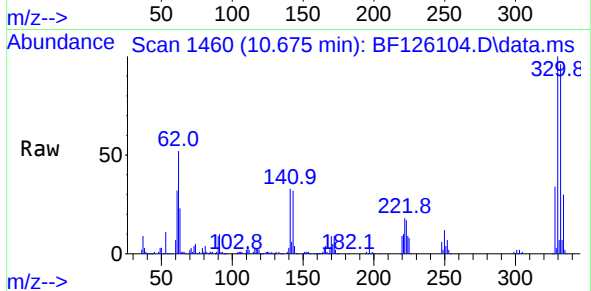
164	100		
162	101.8	81.3	121.9
160	44.6	38.0	57.0



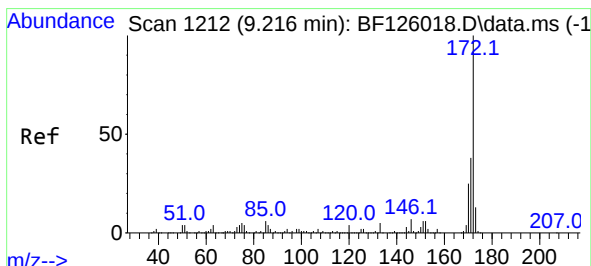
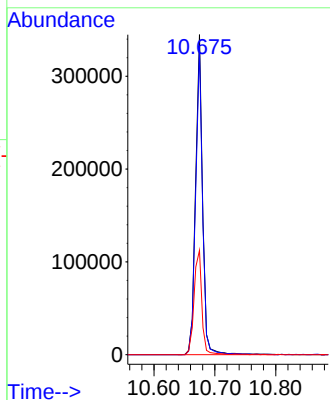
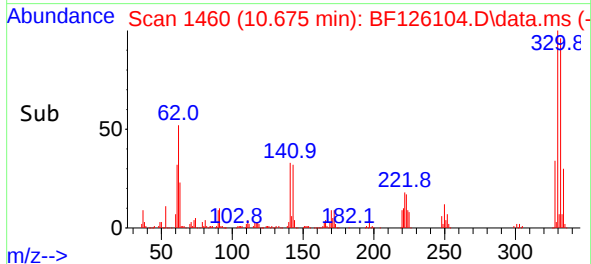


#42
2,4,6-Tribromophenol
Concen: 92.762 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF126104.D
Acq: 10 Nov 2021 13:16

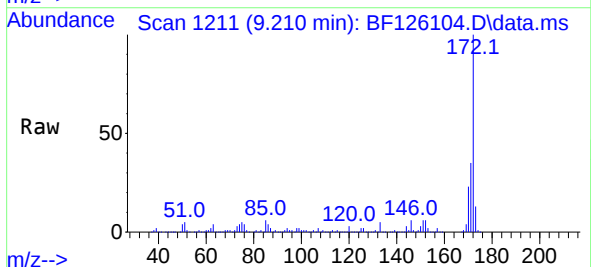
Instrument :
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TP-1



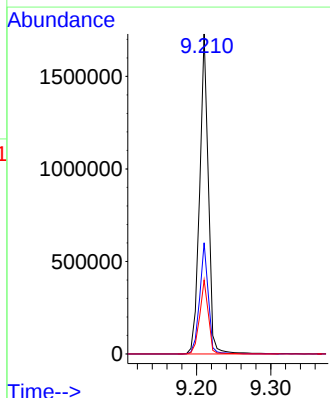
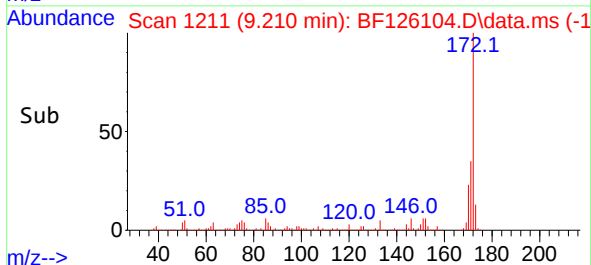
Tgt Ion: 330 Resp: 273436
Ion Ratio Lower Upper
330 100
332 95.5 76.2 114.4
141 36.4 44.6 66.8#

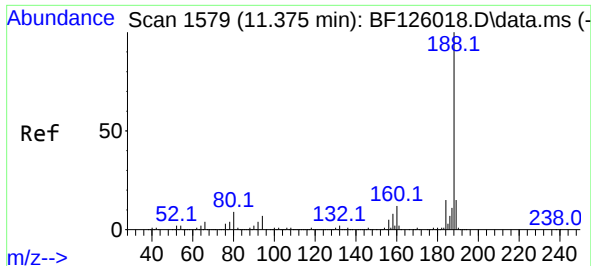


#45
2-Fluorobiphenyl
Concen: 74.169 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF126104.D
Acq: 10 Nov 2021 13:16



Tgt Ion: 172 Resp: 1411738
Ion Ratio Lower Upper
172 100
171 34.8 26.5 39.7
170 23.1 18.8 28.2

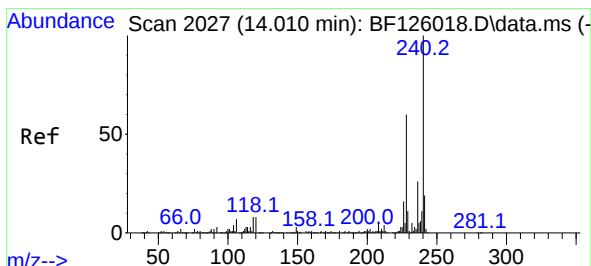
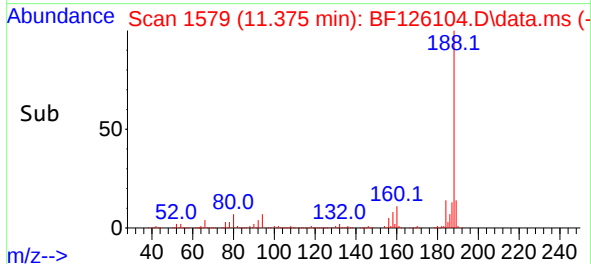
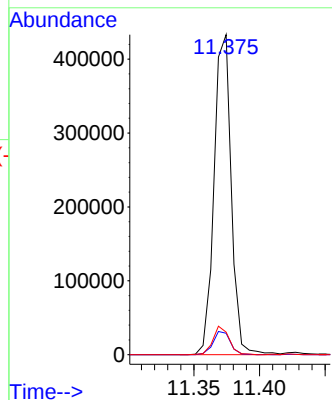
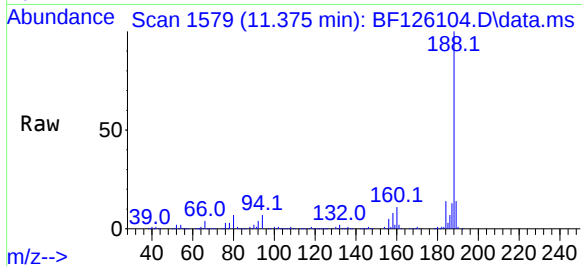




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF126104.D
Acq: 10 Nov 2021 13:16

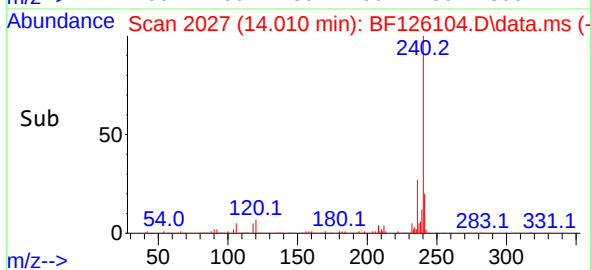
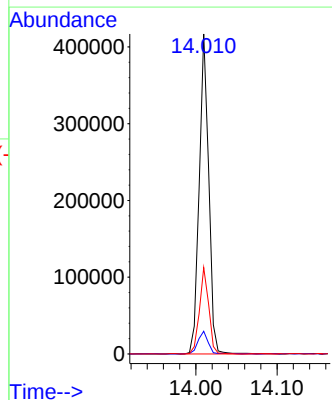
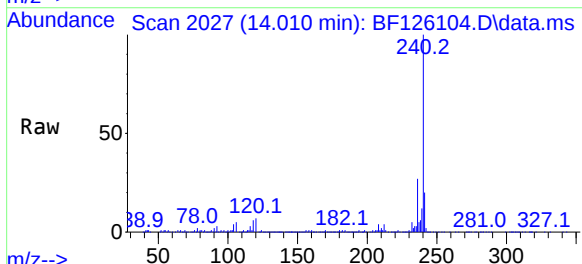
Instrument :
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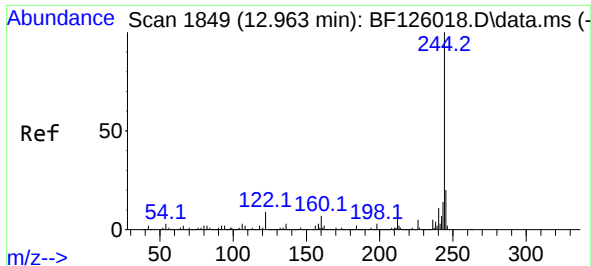
Tgt Ion:188 Resp: 394533
Ion Ratio Lower Upper
188 100
94 6.7 6.7 10.1#
80 7.1 7.5 11.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BF126104.D
Acq: 10 Nov 2021 13:16

Tgt Ion:240 Resp: 340999
Ion Ratio Lower Upper
240 100
120 7.1 10.8 16.2#
236 27.0 21.6 32.4



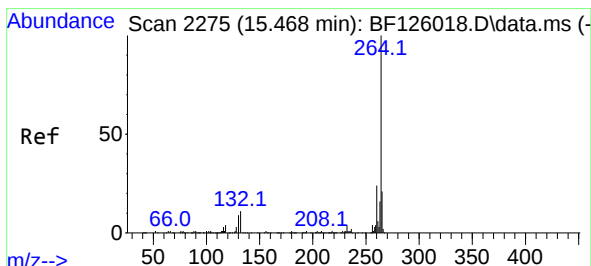
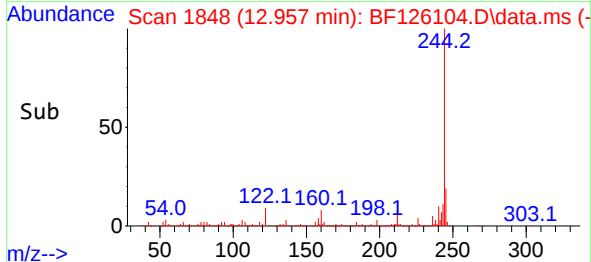
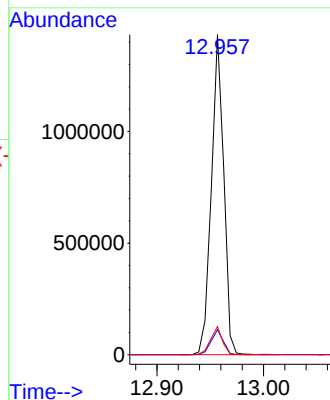
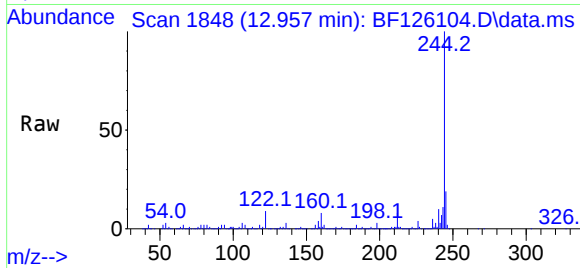


#79
 Terphenyl-d14
 Concen: 54.595 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. -0.006 min
 Lab File: BF126104.D
 Acq: 10 Nov 2021 13:16

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tgt Ion:244 Resp: 1154499

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.9	8.9
122	8.8	9.0	13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 2276
 Delta R.T. 0.006 min
 Lab File: BF126104.D
 Acq: 10 Nov 2021 13:16

Tgt Ion:264 Resp: 306791

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.6	29.4
265	20.6	17.2	25.8

