

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_P
 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)

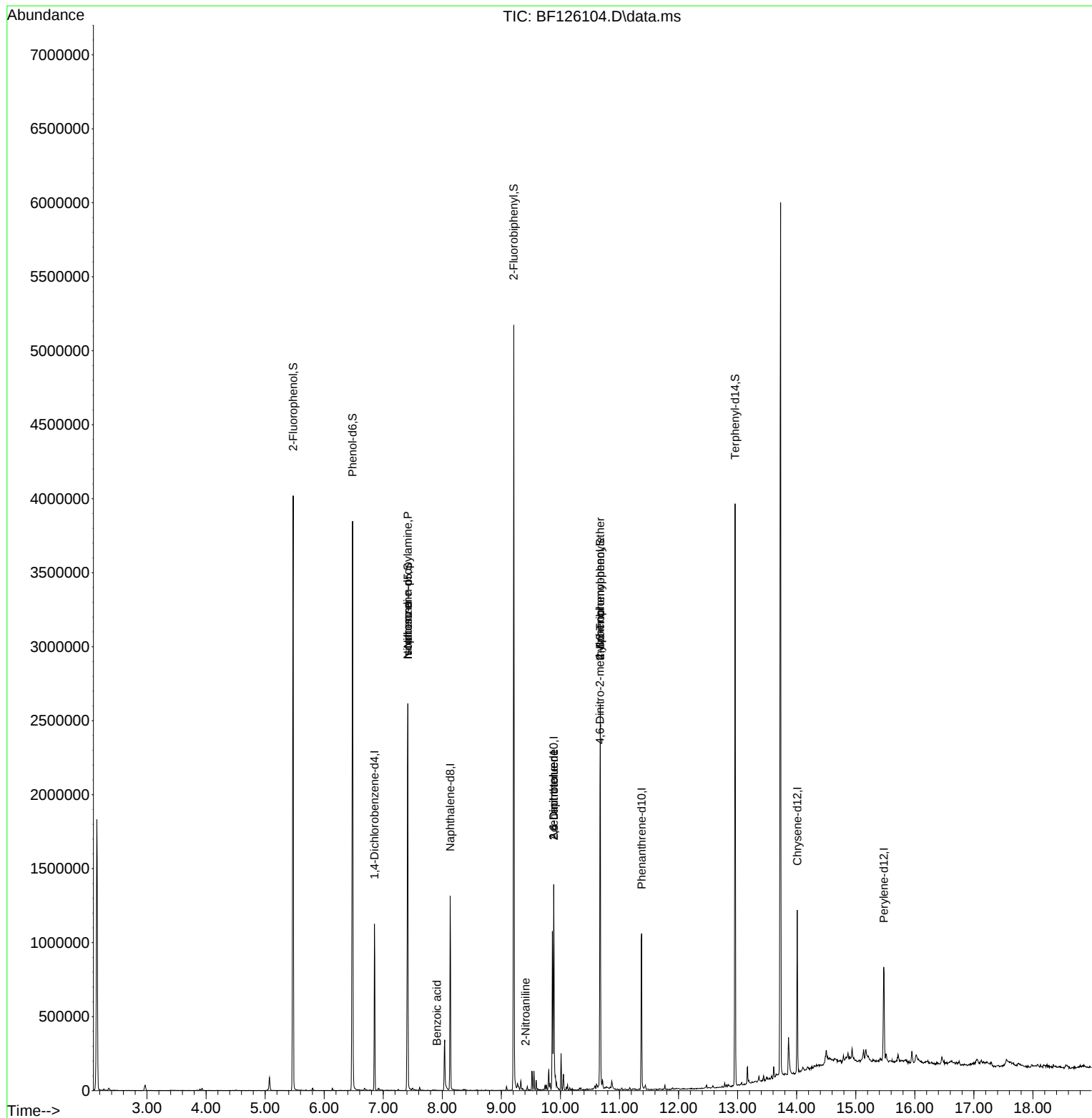
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	145717	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	504582	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	257218	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	394533	20.000	ng	# 0.00
76) Chrysene-d12	14.010	240	340999	20.000	ng	# 0.00
86) 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
9) Benzaldehyde	6.404	77	283	Below Cal	#	49
19) n-Nitroso-di-n-propyla...	7.416	70	114955	14.578	ng	# 59
25) Isophorone	7.416	82	792651	41.148	ng	# 59
32) Benzoic acid	7.910	122	241	9.187	ng	# 57
48) 2-Nitroaniline	9.410	65	110	2.869	ng	# 1
51) 2,6-Dinitrotoluene	9.886	165	33481	10.431	ng	# 28
57) 2,4-Dinitrotoluene	9.886	165	33481	9.928	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.669	198	500	8.534	ng	# 1
67) 4-Bromophenyl-phenylether	10.675	248	17331	3.627	ng	# 1

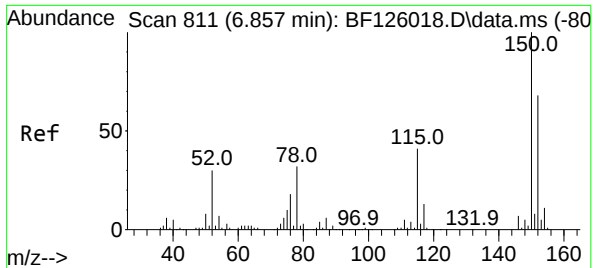
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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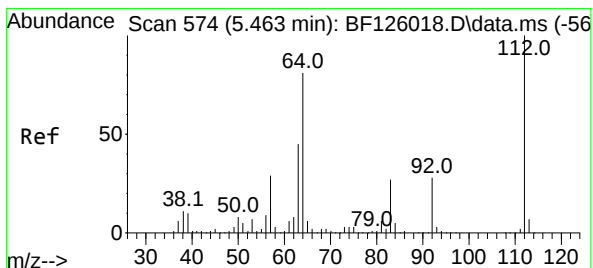
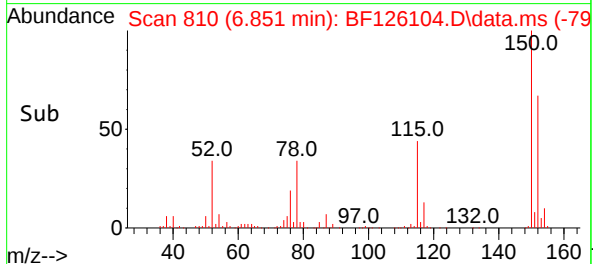
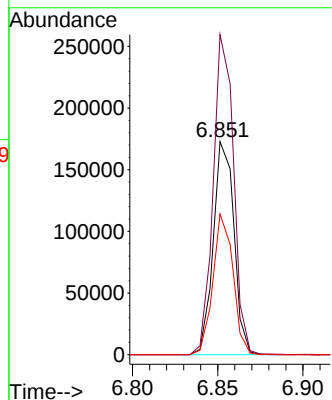
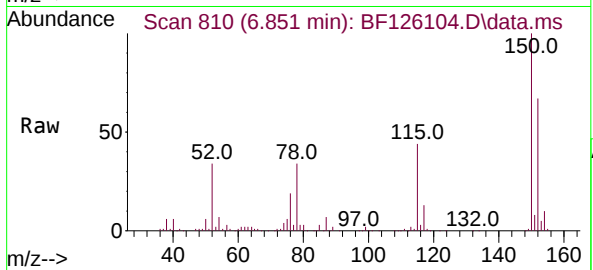




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF126104.D
Acq: 10 Nov 2021 13:16

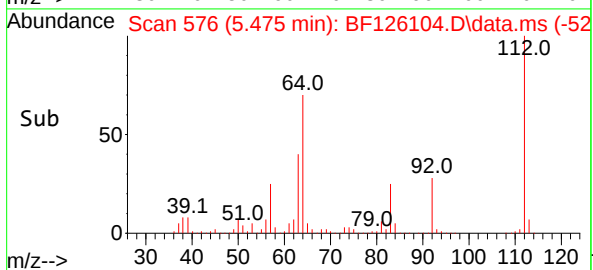
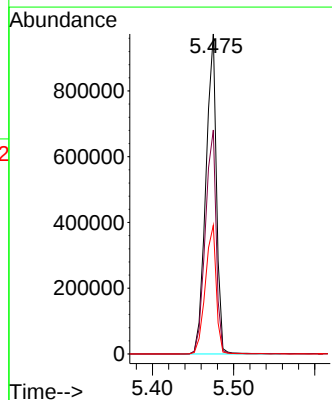
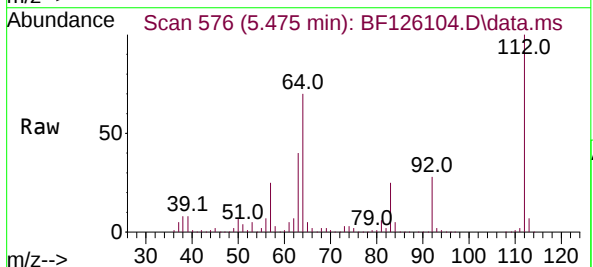
Instrument :
BNA_P
ClientSampleId :
TP-1

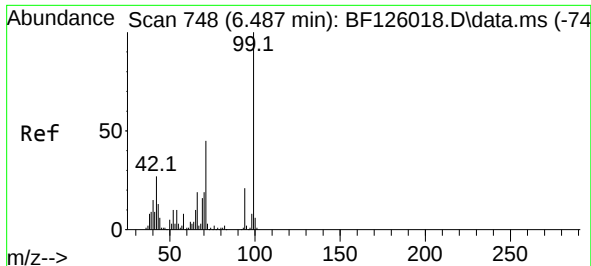
Tgt Ion:152 Resp: 145717
Ion Ratio Lower Upper
152 100
150 150.3 117.6 176.4
115 66.1 47.1 70.7



#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#

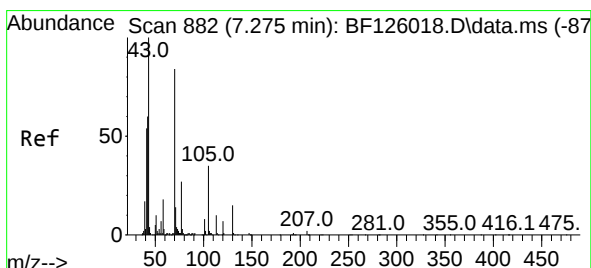
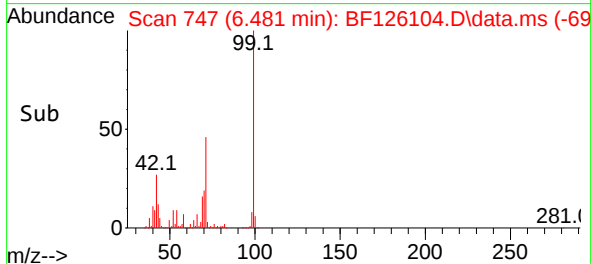
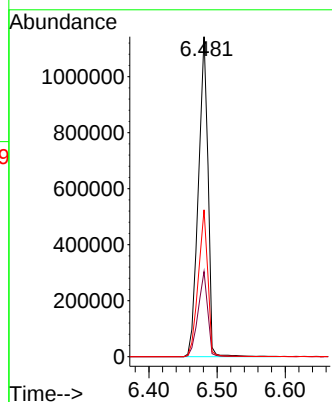
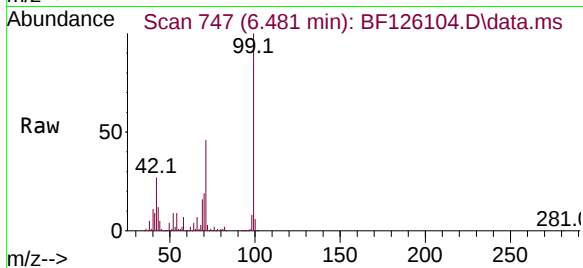




#7
Phenol-d6
Concen: 93.089 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF126104.D
Acq: 10 Nov 2021 13:16

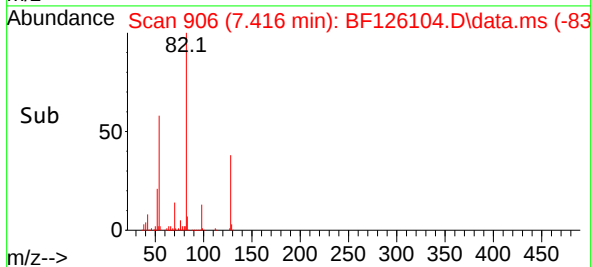
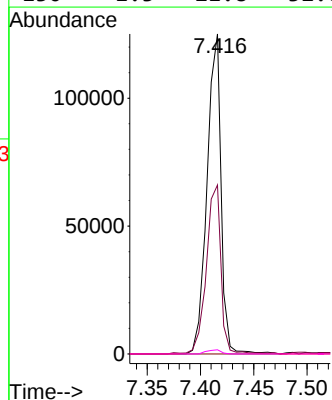
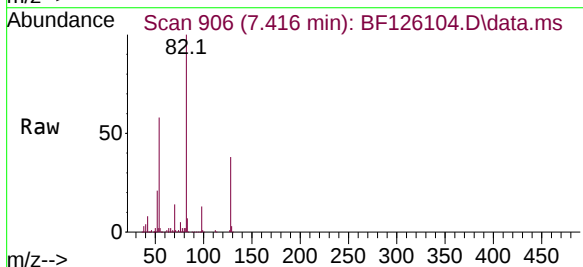
Instrument :
BNA_P
ClientSampleId :
TP-1

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#



#19
n-Nitroso-di-n-propylamine
Concen: 14.578 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF126104.D
Acq: 10 Nov 2021 13:16

Tgt Ion: 70 Resp: 114955
Ion Ratio Lower Upper
70 100
42 52.8 72.2 108.2#
101 0.0 7.8 11.8#
130 1.3 21.8 32.6#

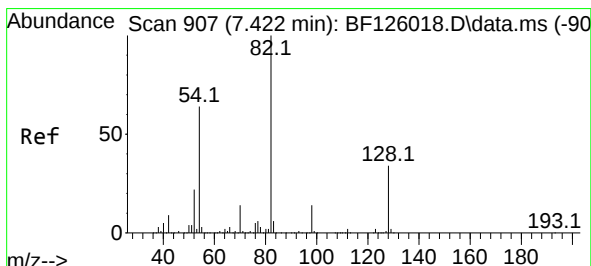
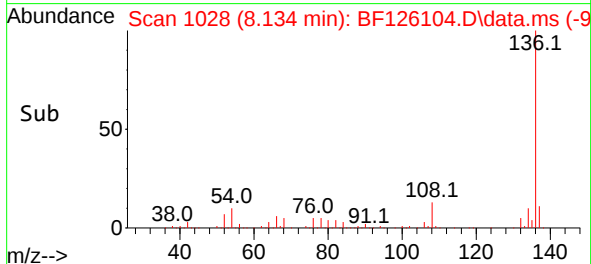
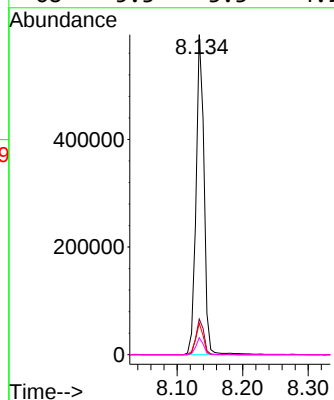
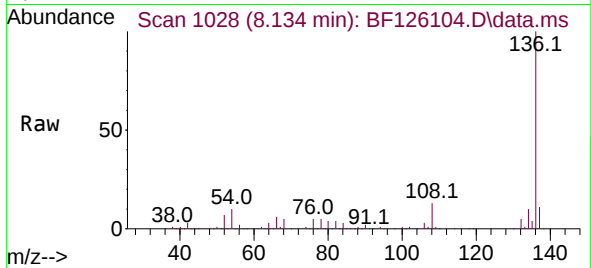




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.005 min
Lab File: BF126104.D
Acq: 10 Nov 2021 13:16

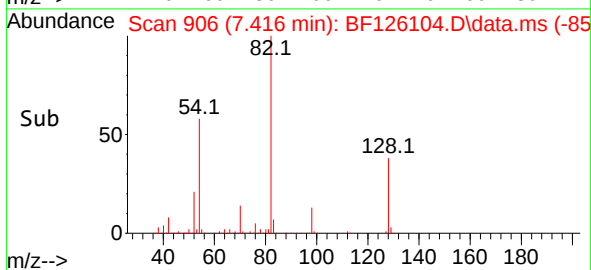
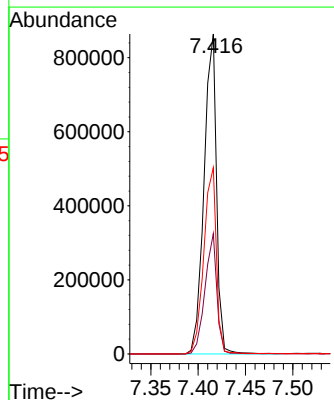
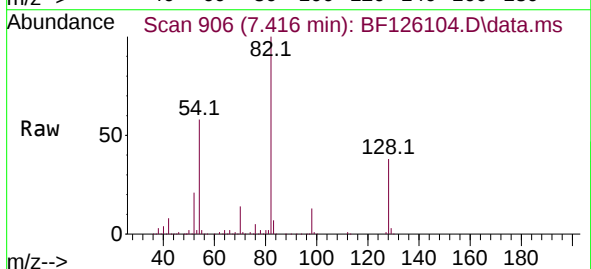
Instrument :
BNA_P
ClientSampleId :
TP-1

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# 906
Delta R.T. -0.006 min
Lab File: BF126104.D
Acq: 10 Nov 2021 13:16

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

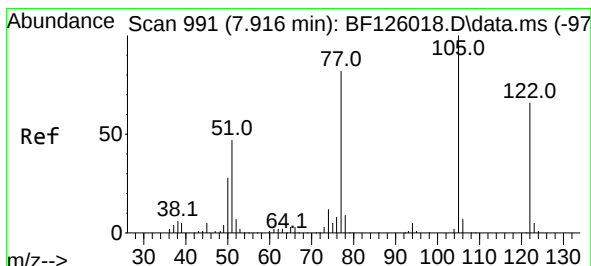
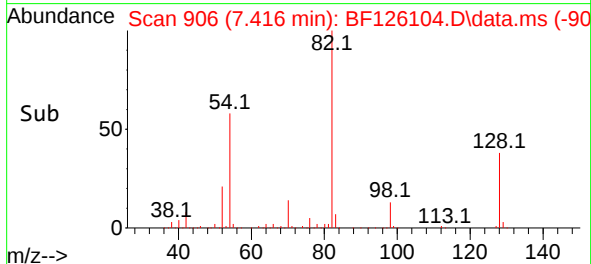
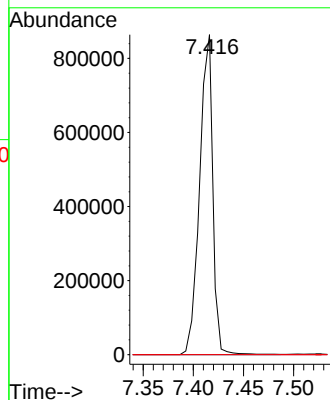
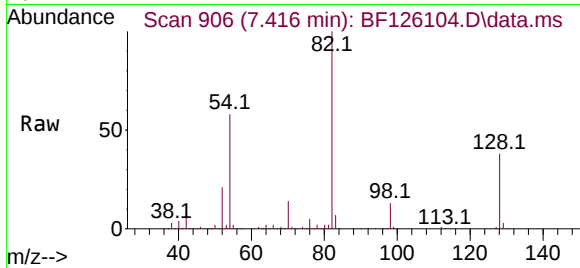




#25
Isophorone
Concen: 41.148 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF126104.D
Acq: 10 Nov 2021 13:16

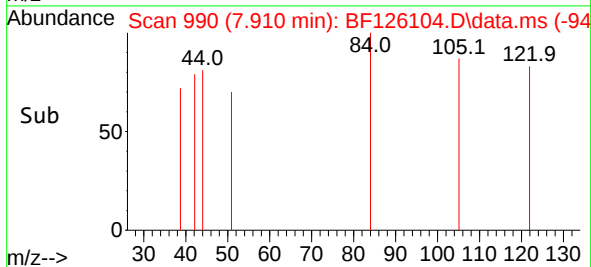
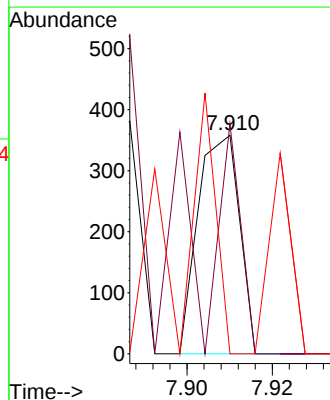
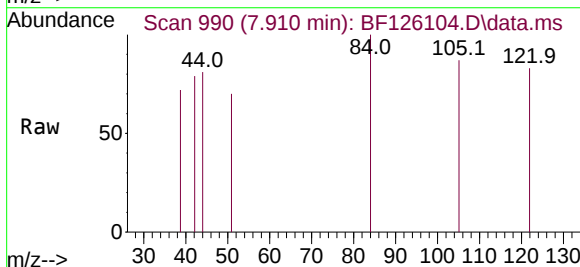
Instrument :
BNA_P
ClientSampleId :
TP-1

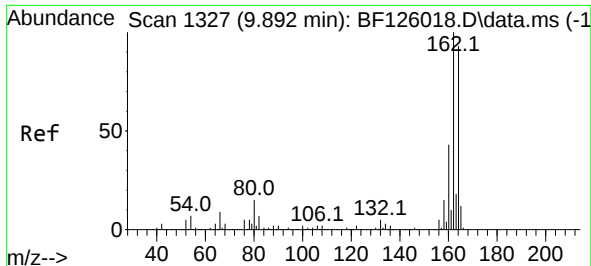
Tgt Ion: 82 Resp: 792651
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#32
Benzoic acid
Concen: 9.187 ng
RT: 7.910 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF126104.D
Acq: 10 Nov 2021 13:16

Tgt Ion: 122 Resp: 241
Ion Ratio Lower Upper
122 100
105 105.3 97.6 137.6
77 0.0 59.6 99.6#

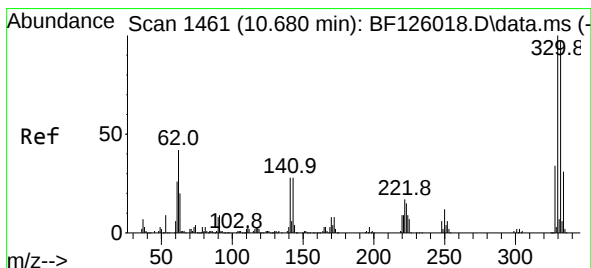
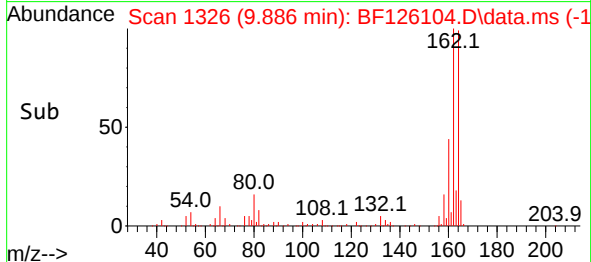
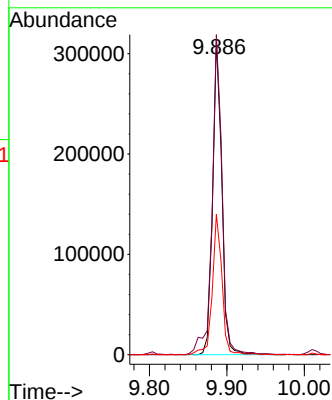
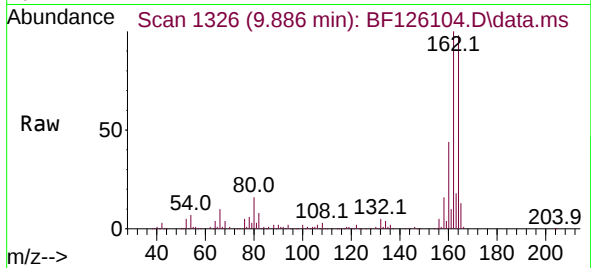




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126104.D
Acq: 10 Nov 2021 13:16

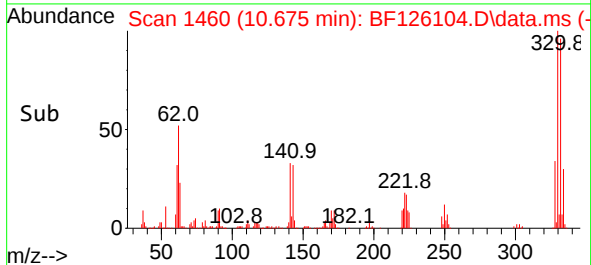
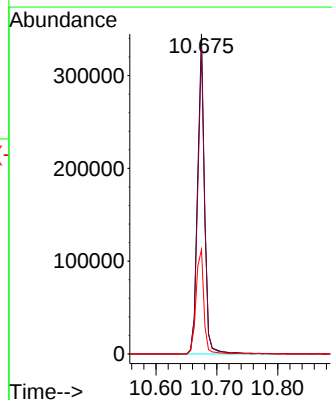
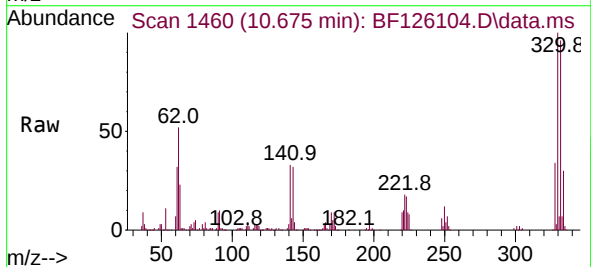
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ClientSampleId :
TP-1

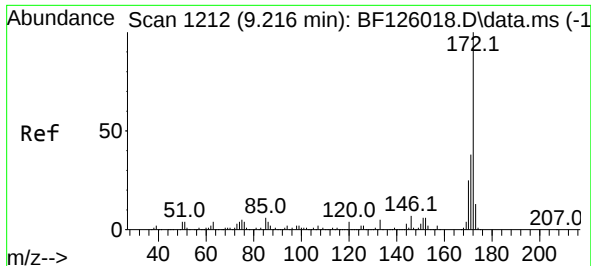
Tgt Ion:164 Resp: 257218
Ion Ratio Lower Upper
164 100
162 101.8 81.3 121.9
160 44.6 38.0 57.0



#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

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# 1

Delta R.T. -0.006 min

Lab File: BF126104.D

Acq: 10 Nov 2021 13:16

Instrument :

BNA_P

ClientSampleId :

TP-1

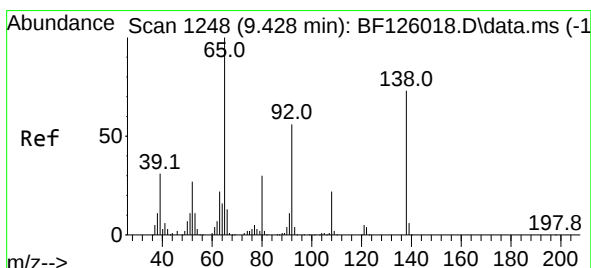
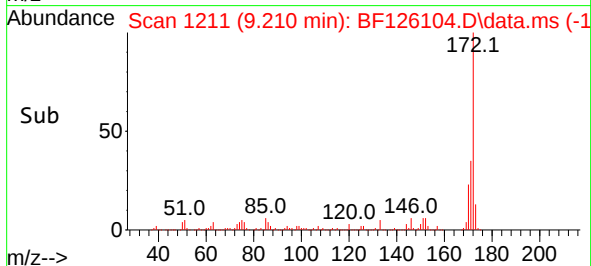
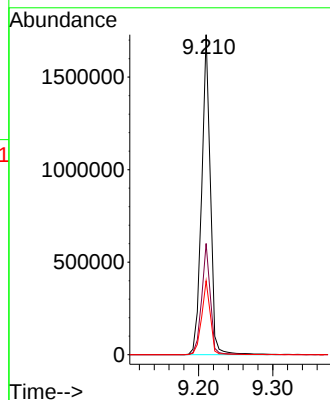
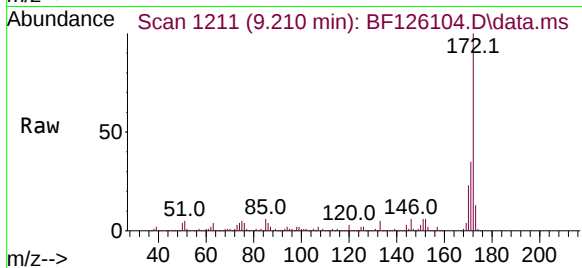
Tgt Ion:172 Resp: 1411738

Ion Ratio Lower Upper

172 100

171 34.8 26.5 39.7

170 23.1 18.8 28.2



#48

2-Nitroaniline

Concen: 2.869 ng

RT: 9.410 min Scan# 1245

Delta R.T. -0.018 min

Lab File: BF126104.D

Acq: 10 Nov 2021 13:16

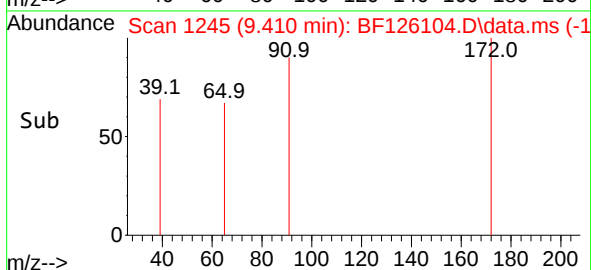
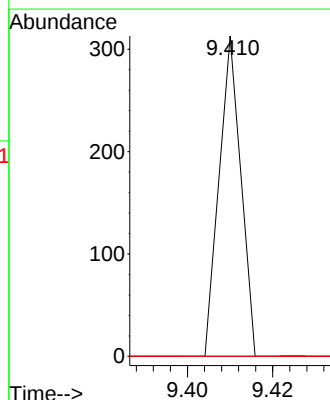
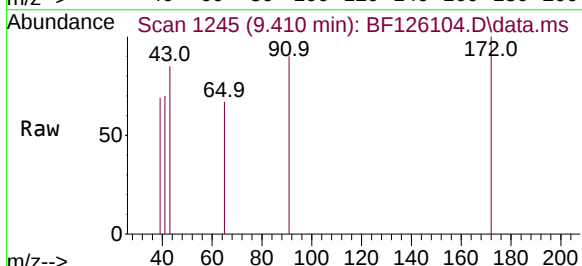
Tgt Ion: 65 Resp: 110

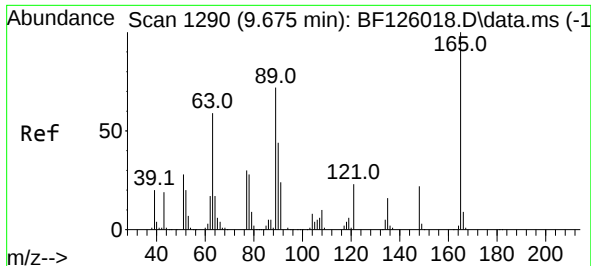
Ion Ratio Lower Upper

65 100

92 0.0 55.5 83.3#

138 0.0 93.5 140.3#

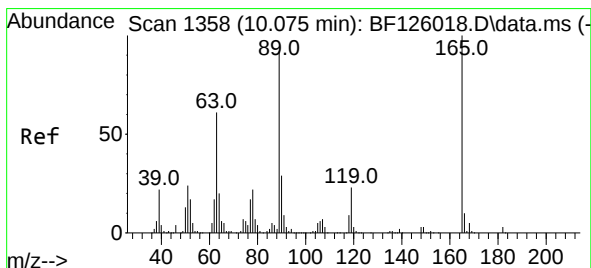
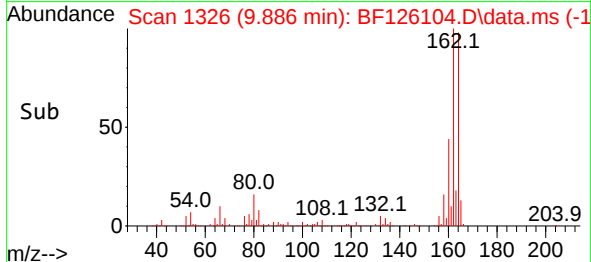
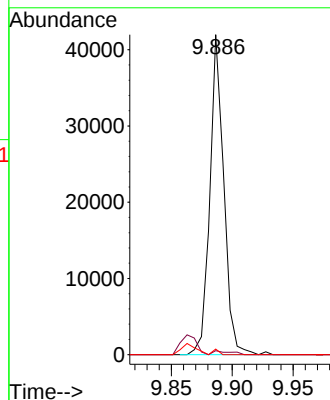
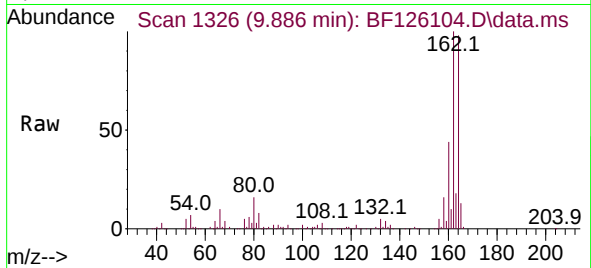




#51
2,6-Dinitrotoluene
Concen: 10.431 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.211 min
Lab File: BF126104.D
Acq: 10 Nov 2021 13:16

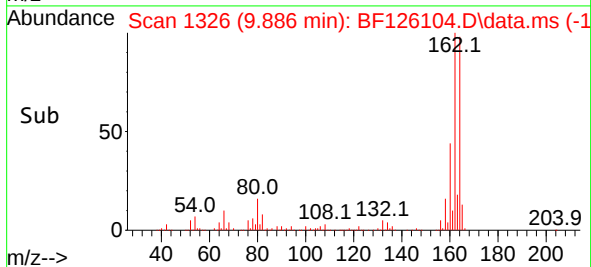
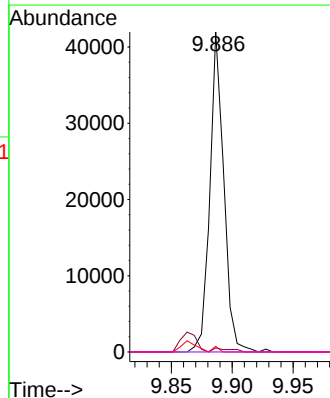
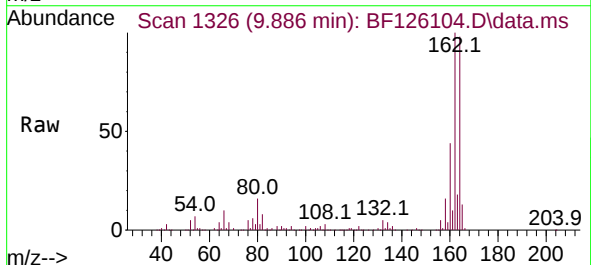
Instrument :
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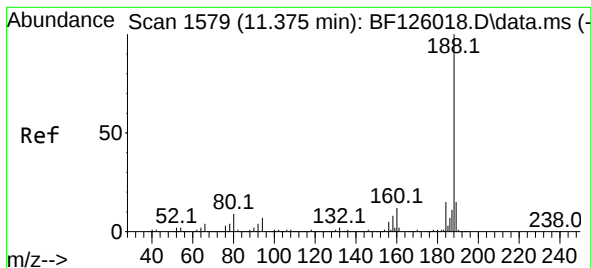
Tgt Ion:165 Resp: 33481
Ion Ratio Lower Upper
165 100
63 1.2 42.6 63.8#
89 1.8 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 9.928 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.189 min
Lab File: BF126104.D
Acq: 10 Nov 2021 13:16

Tgt Ion:165 Resp: 33481
Ion Ratio Lower Upper
165 100
63 1.2 40.9 61.3#
89 1.8 59.7 89.5#
182 0.0 0.0 0.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF126104.D

Acq: 10 Nov 2021 13:16

Instrument :

BNA_P

ClientSampleId :

TP-1

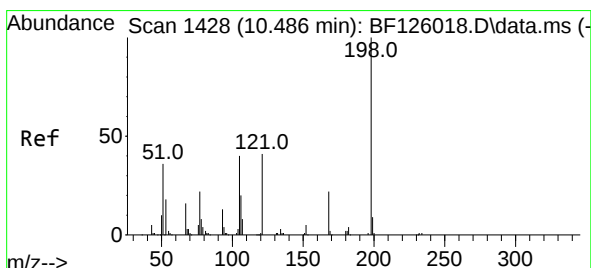
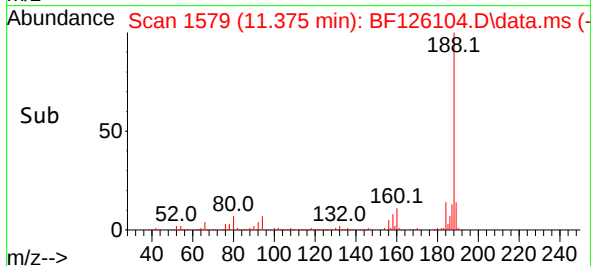
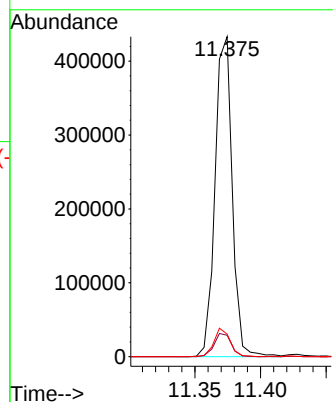
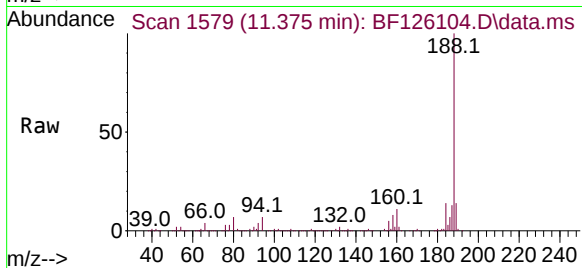
Tgt Ion:188 Resp: 394533

Ion Ratio Lower Upper

188 100

94 6.7 6.7 10.1#

80 7.1 7.5 11.3#



#65

4,6-Dinitro-2-methylphenol

Concen: 8.534 ng

RT: 10.669 min Scan# 1459

Delta R.T. 0.183 min

Lab File: BF126104.D

Acq: 10 Nov 2021 13:16

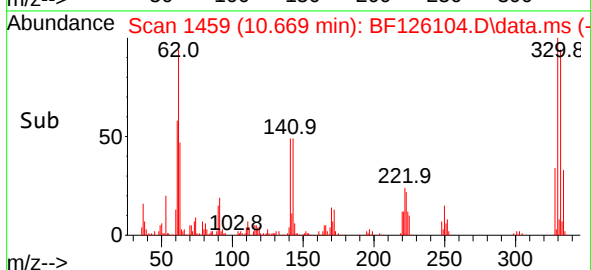
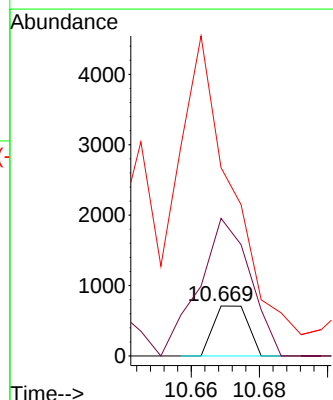
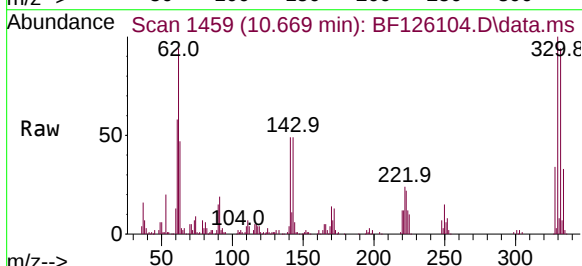
Tgt Ion:198 Resp: 500

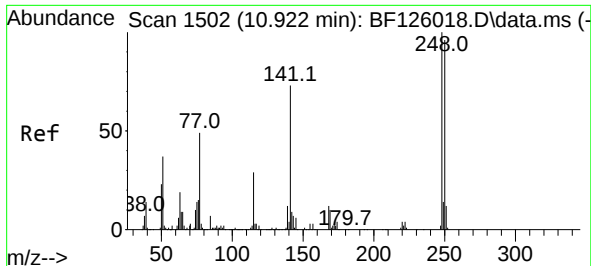
Ion Ratio Lower Upper

198 100

51 275.5 45.3 85.3#

105 376.8 30.6 70.6#

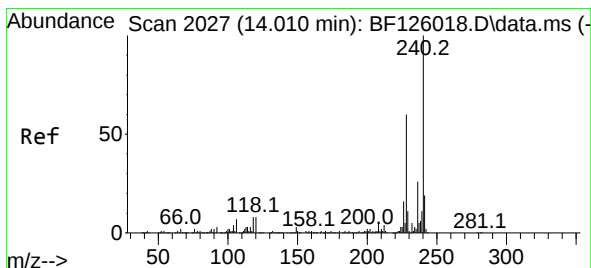
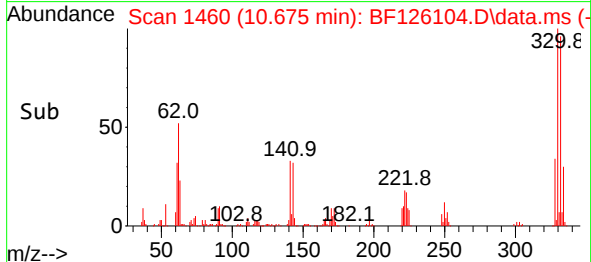
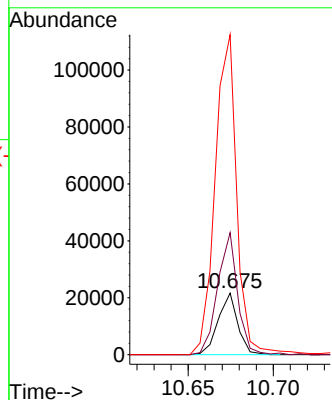
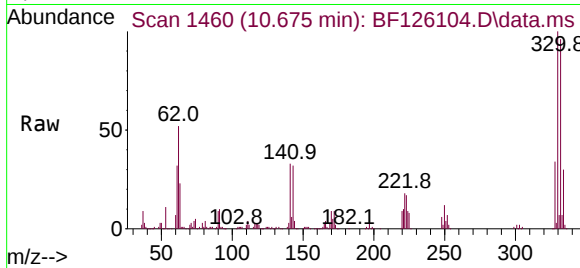




#67
4-Bromophenyl-phenylether
Concen: 3.627 ng
RT: 10.675 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF126104.D
Acq: 10 Nov 2021 13:16

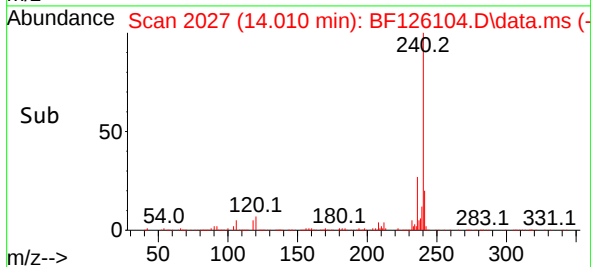
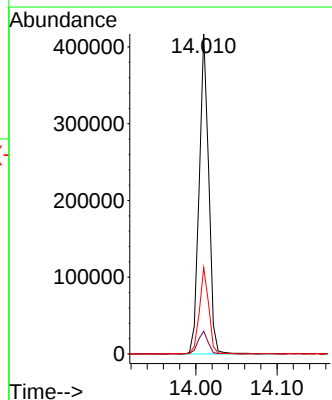
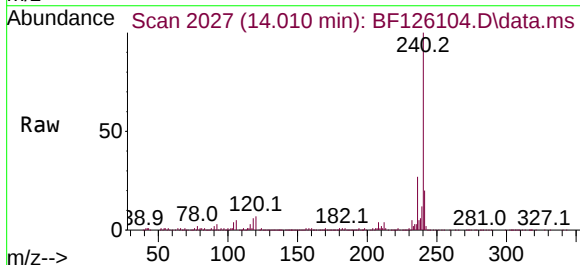
Instrument :
BNA_P
ClientSampleId :
TP-1

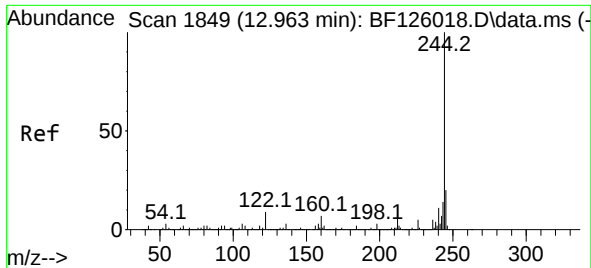
Tgt Ion:248 Resp: 17331
Ion Ratio Lower Upper
248 100
250 198.3 74.2 111.4#
141 519.4 60.4 90.6#



#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

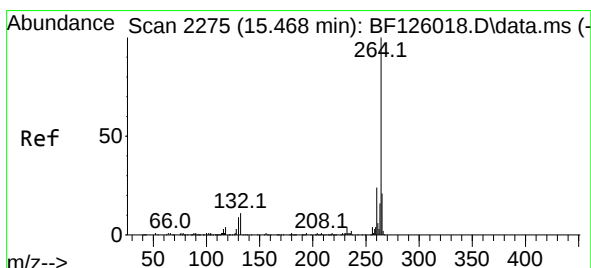
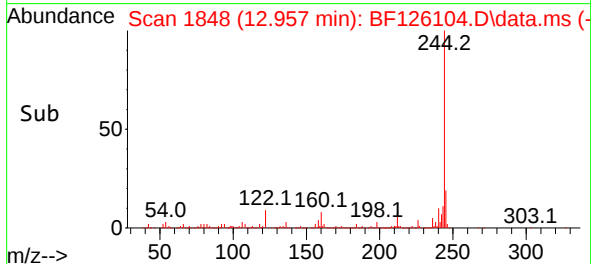
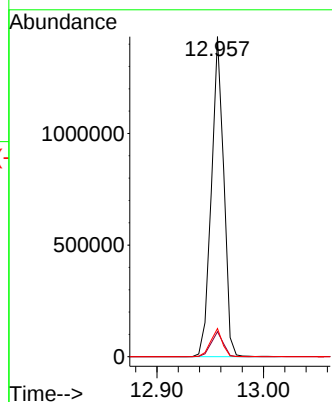
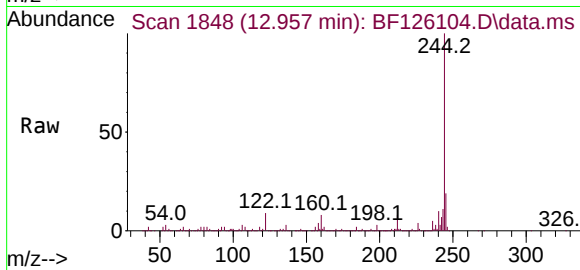




#79
 Terphenyl-d14
 Concen: 54.595 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. -0.006 min
 Lab File: BF126104.D
 Acq: 10 Nov 2021 13:16

Instrument :
 BNA_P
 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

