

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110921\
 Data File : BF126078.D
 Acq On : 9 Nov 2021 12:41
 Operator : JU/CG
 Sample : M4540-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Quant Time: Nov 09 14:52:24 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)

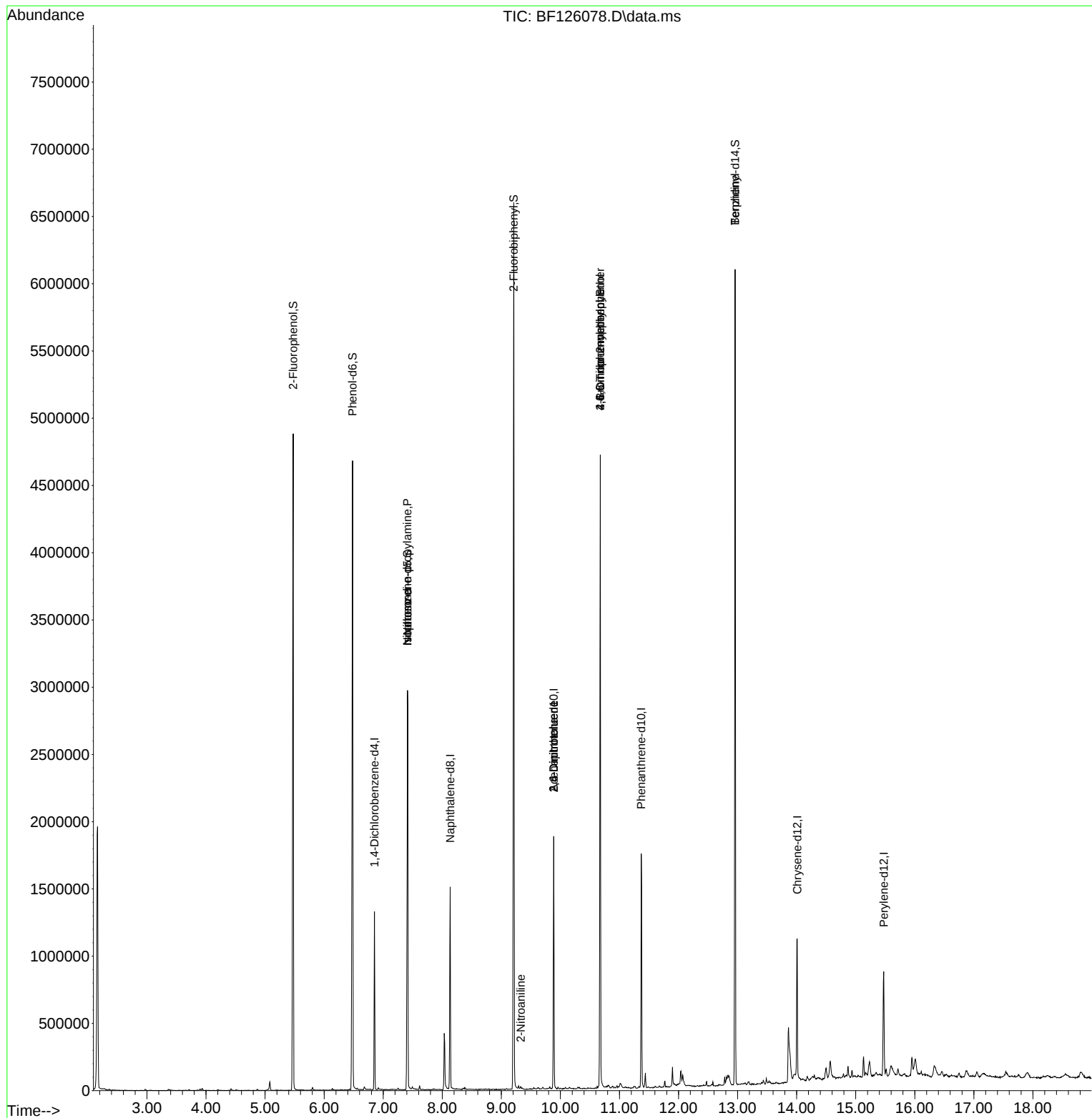
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	159295	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	589208	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	351704	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	631489	20.000	ng	0.00
76) Chrysene-d12	14.010	240	377388	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	359055	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1076301	116.031	ng	0.01
7) Phenol-d6	6.481	99	1395684	106.735	ng	0.00
23) Nitrobenzene-d5	7.410	82	1046589	83.769	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	471145	116.894	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1923357	73.902	ng	0.00
79) Terphenyl-d14	12.957	244	1847396	78.938	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.398	77	166	Below Cal	#	81
19) n-Nitroso-di-n-propyla...	7.410	70	147624	17.125	ng	# 63
25) Isophorone	7.410	82	1039377	46.206	ng	# 59
48) 2-Nitroaniline	9.328	65	383	2.901	ng	# 1
51) 2,6-Dinitrotoluene	9.886	165	44892	10.228	ng	# 28
57) 2,4-Dinitrotoluene	9.886	165	44892	9.797	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.675	198	1322	8.676	ng	# 1
67) 4-Bromophenyl-phenylether	10.675	248	30896	4.039	ng	# 1
77) Benzidine	12.957	184	28540	2.262	ng	# 94

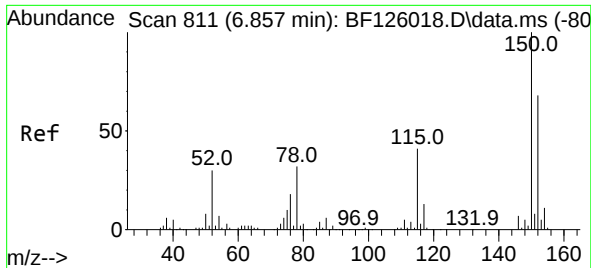
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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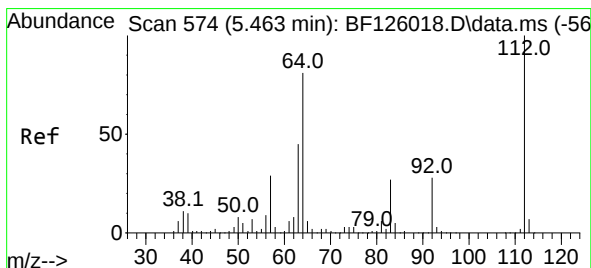
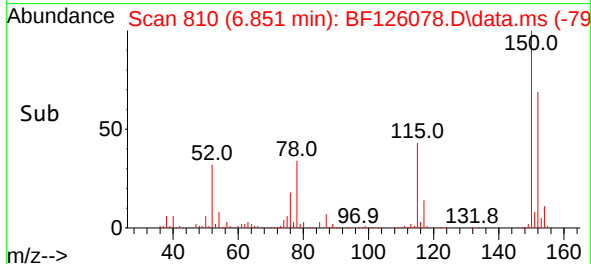
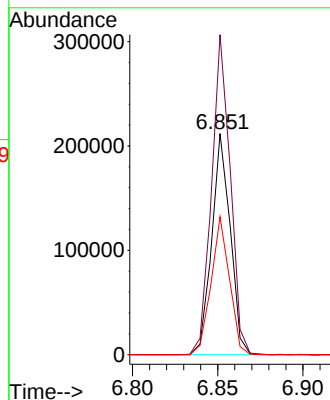
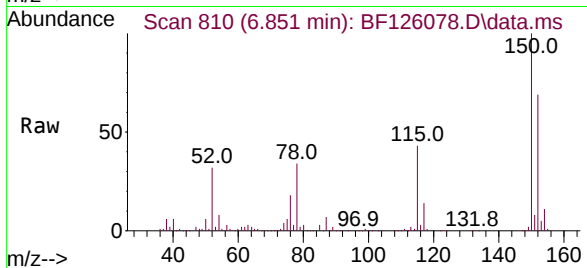




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF126078.D
Acq: 9 Nov 2021 12:41

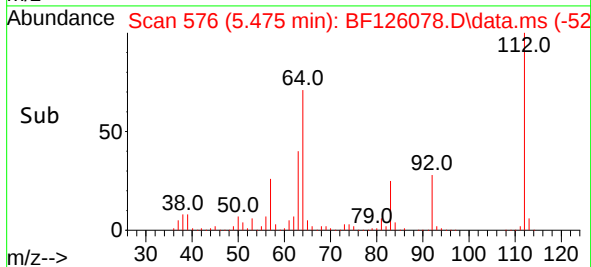
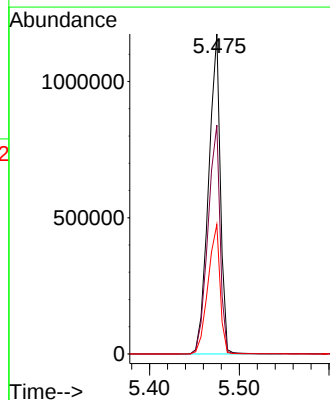
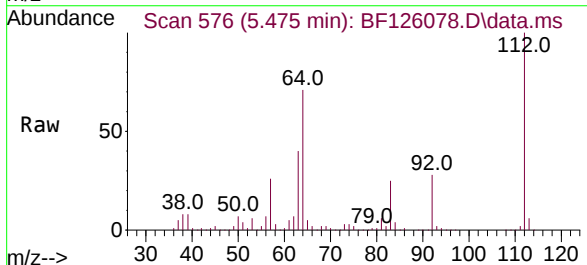
Instrument :
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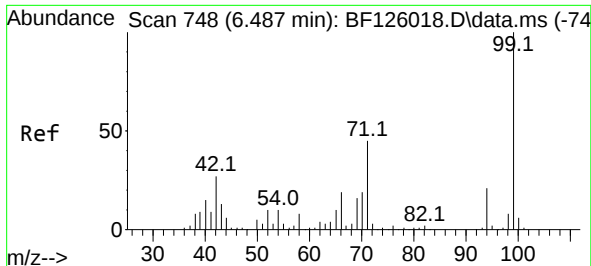
Tgt Ion:152 Resp: 159295
Ion Ratio Lower Upper
152 100
150 144.7 117.6 176.4
115 62.4 47.1 70.7



#5
2-Fluorophenol
Concen: 116.031 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF126078.D
Acq: 9 Nov 2021 12:41

Tgt Ion:112 Resp: 1076301
Ion Ratio Lower Upper
112 100
64 71.5 44.2 66.2#
63 40.5 26.2 39.2#

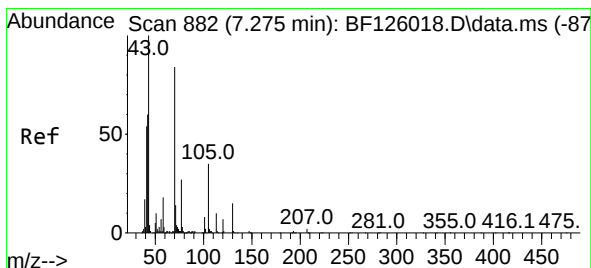
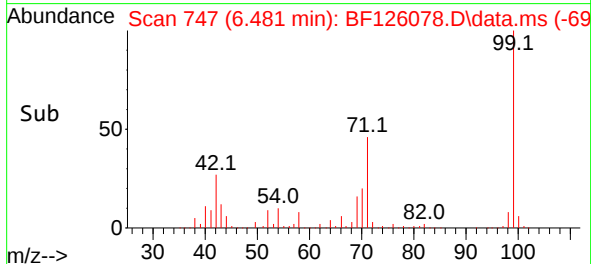
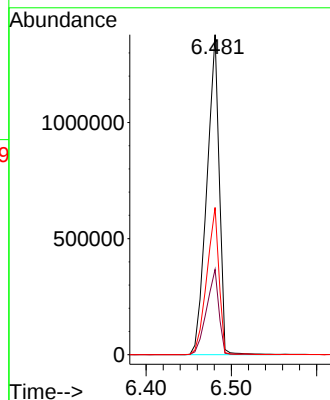
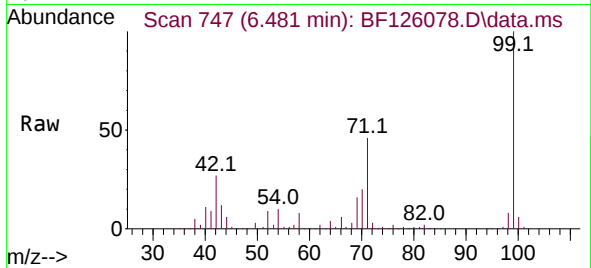




#7
Phenol-d6
Concen: 106.735 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF126078.D
Acq: 9 Nov 2021 12:41

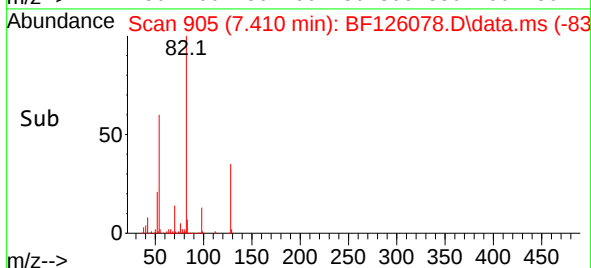
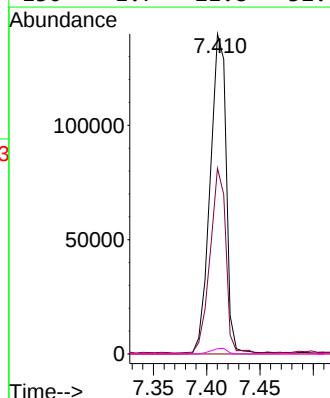
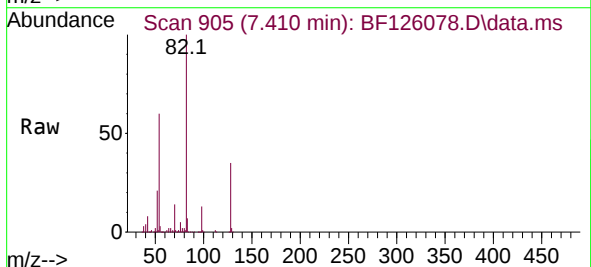
Instrument :
BNA_F
ClientSampleId :
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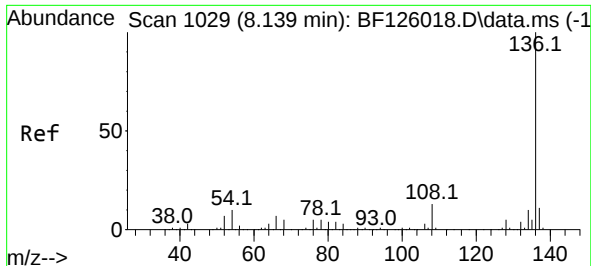
Tgt Ion: 99 Resp: 1395684
Ion Ratio Lower Upper
99 100
42 26.7 23.5 35.3
71 46.0 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 17.125 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.135 min
Lab File: BF126078.D
Acq: 9 Nov 2021 12:41

Tgt Ion: 70 Resp: 147624
Ion Ratio Lower Upper
70 100
42 58.1 72.2 108.2#
101 0.0 7.8 11.8#
130 1.7 21.8 32.6#

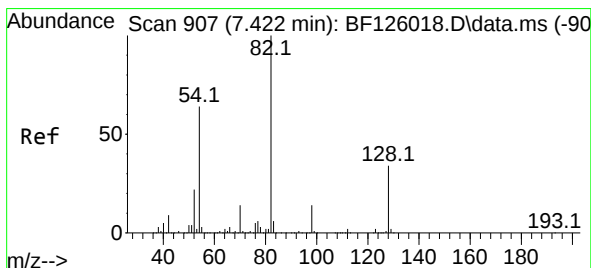
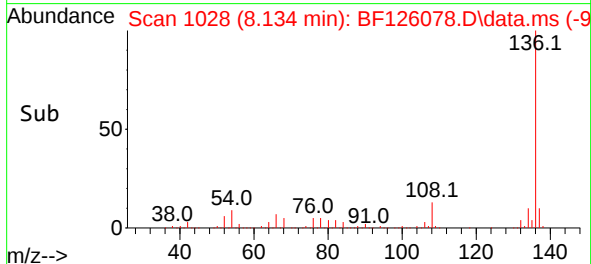
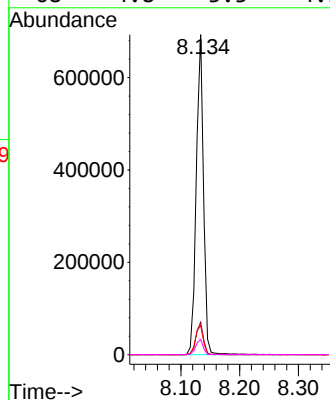
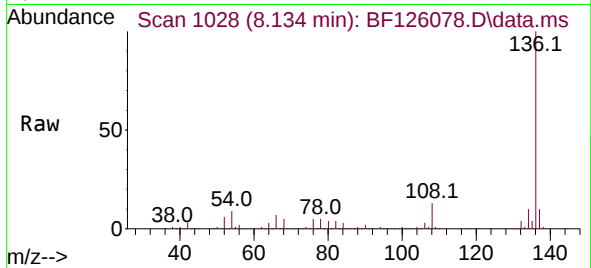




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.005 min
Lab File: BF126078.D
Acq: 9 Nov 2021 12:41

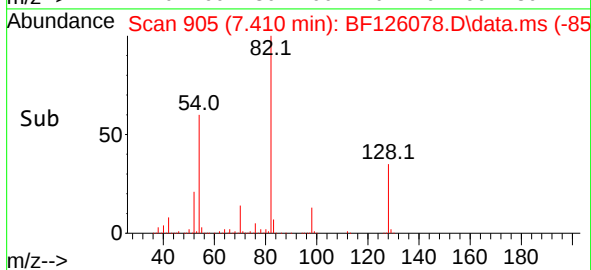
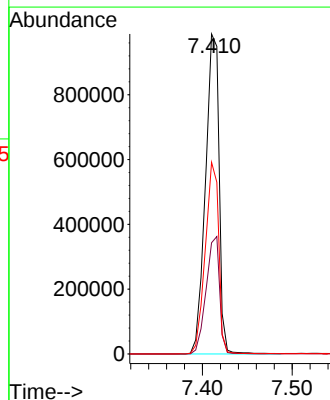
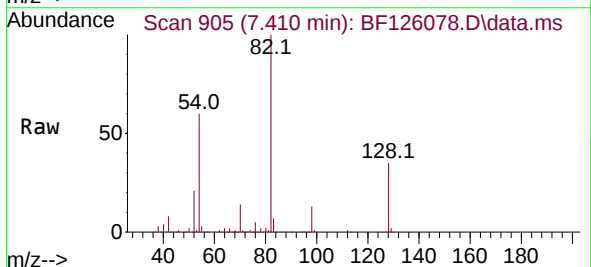
Instrument :
BNA_F
ClientSampleId :
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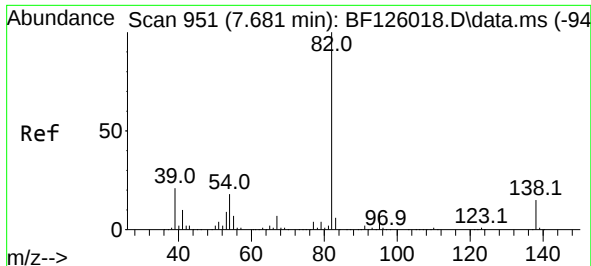
Tgt Ion:136 Resp: 589208
Ion Ratio Lower Upper
136 100
137 10.2 9.8 14.6
54 9.1 6.4 9.6
68 4.8 3.3 4.9



#23
Nitrobenzene-d5
Concen: 83.769 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.012 min
Lab File: BF126078.D
Acq: 9 Nov 2021 12:41

Tgt Ion: 82 Resp: 1046589
Ion Ratio Lower Upper
82 100
128 34.8 40.6 60.8#
54 59.9 49.6 74.4

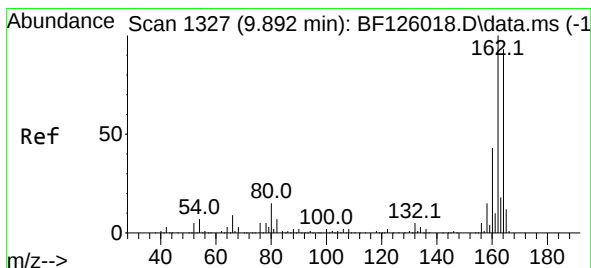
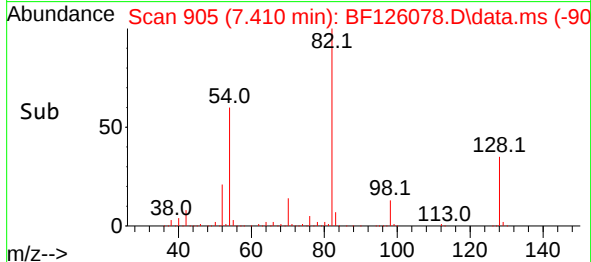
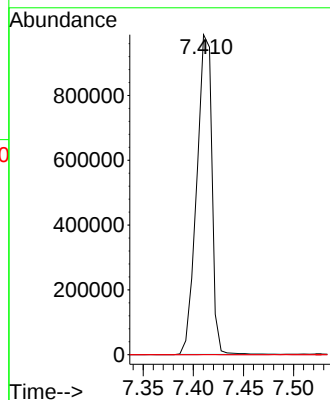
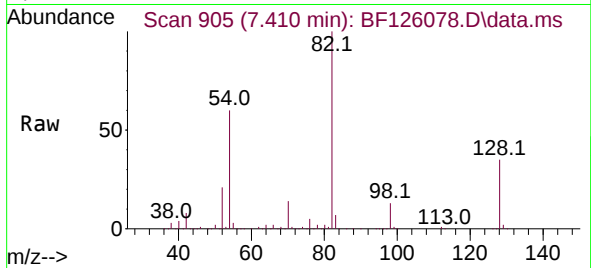




#25
Isophorone
Concen: 46.206 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF126078.D
Acq: 9 Nov 2021 12:41

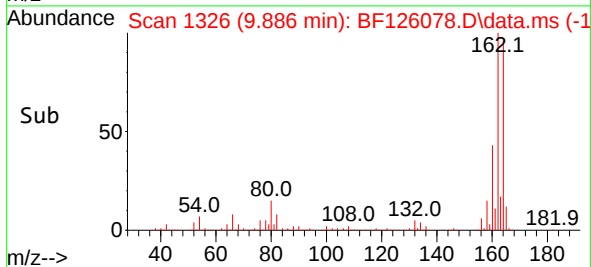
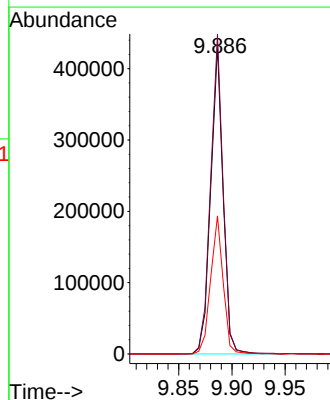
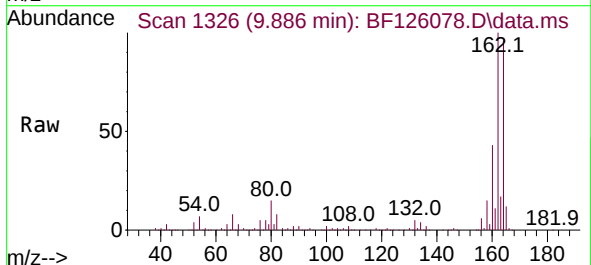
Instrument :
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ClientSampleId :
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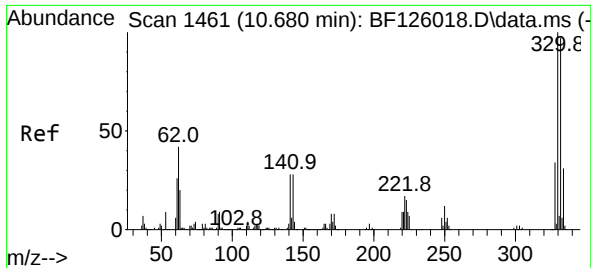
Tgt Ion: 82 Resp: 1039377
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF126078.D
Acq: 9 Nov 2021 12:41

Tgt Ion:164 Resp: 351704
Ion Ratio Lower Upper
164 100
162 103.8 81.3 121.9
160 44.8 38.0 57.0

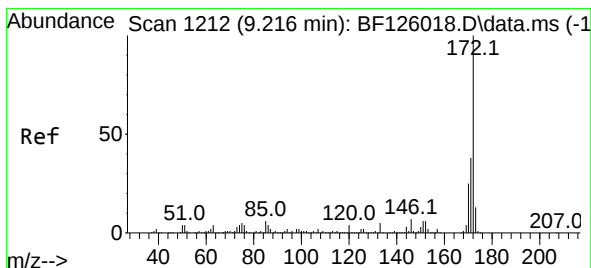
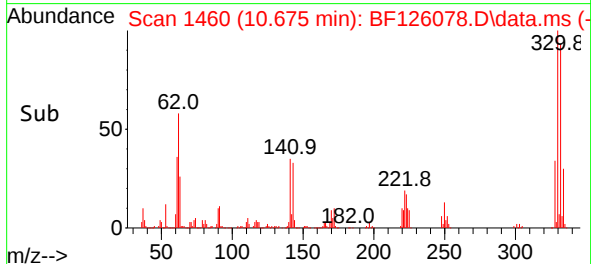
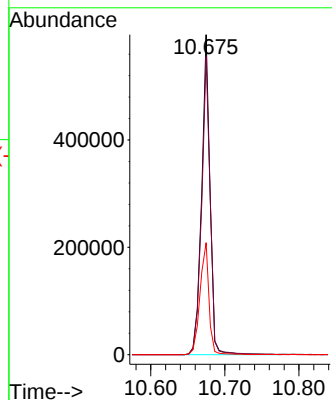
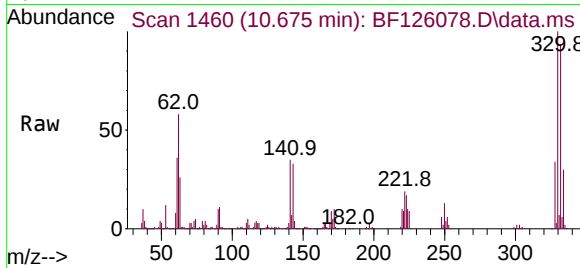




#42
2,4,6-Tribromophenol
Concen: 116.894 ng
RT: 10.675 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF126078.D
Acq: 9 Nov 2021 12:41

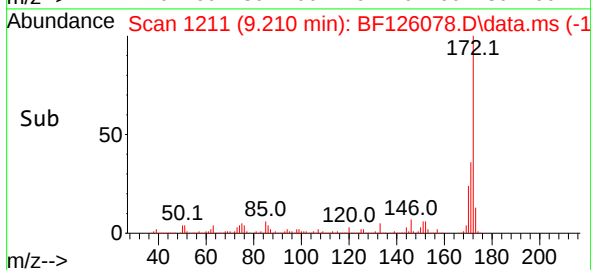
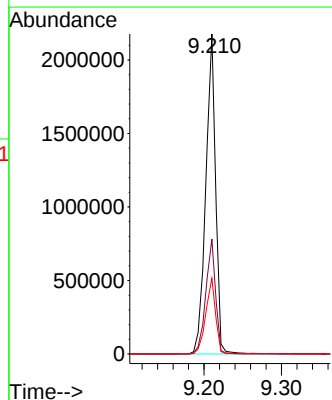
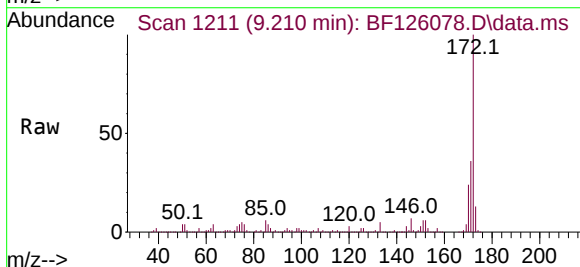
Instrument :
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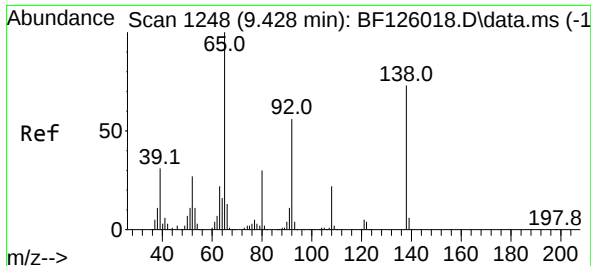
Tgt Ion:330 Resp: 471145
Ion Ratio Lower Upper
330 100
332 95.3 76.2 114.4
141 37.3 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 73.902 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF126078.D
Acq: 9 Nov 2021 12:41

Tgt Ion:172 Resp: 1923357
Ion Ratio Lower Upper
172 100
171 35.9 26.5 39.7
170 23.7 18.8 28.2

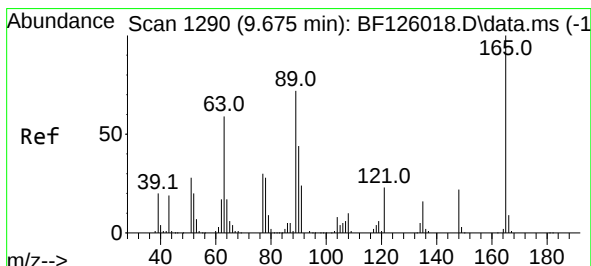
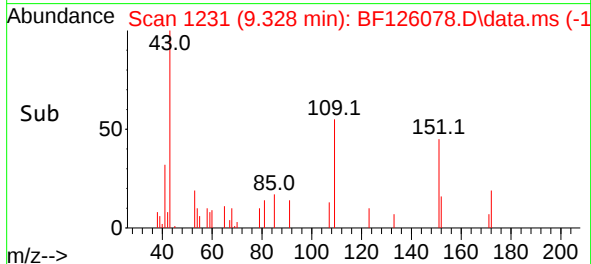
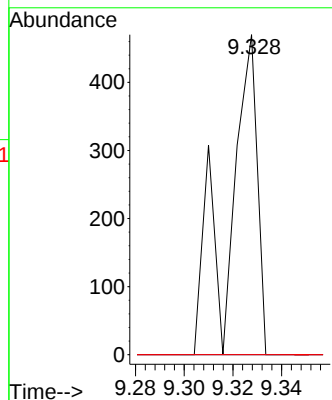
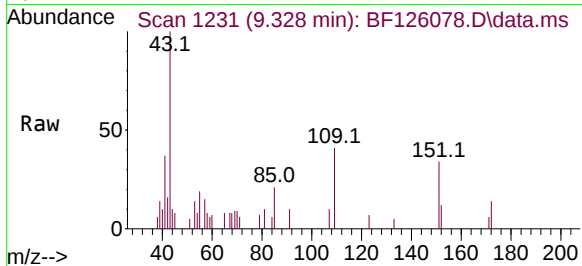




#48
2-Nitroaniline
Concen: 2.901 ng
RT: 9.328 min Scan# 11
Delta R.T. -0.100 min
Lab File: BF126078.D
Acq: 9 Nov 2021 12:41

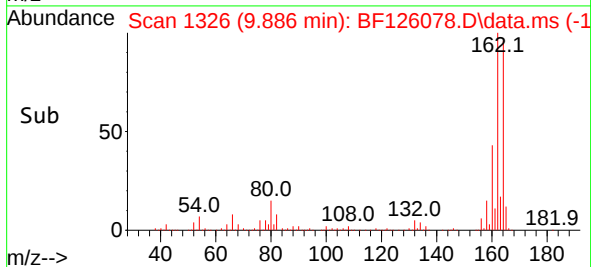
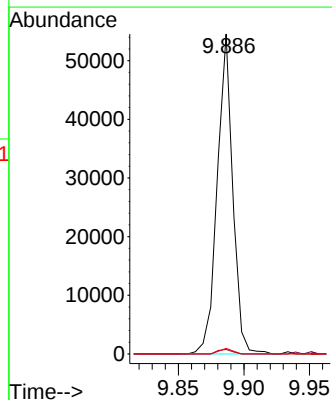
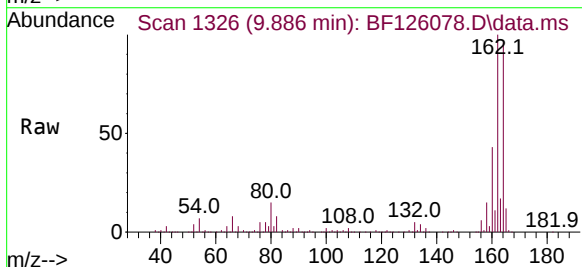
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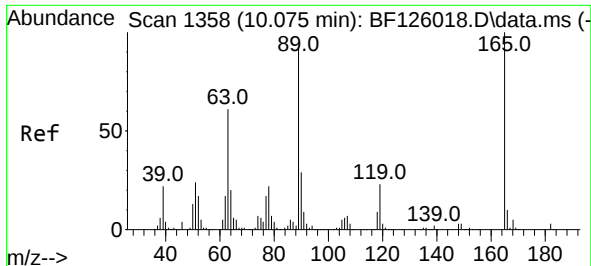
Tgt Ion: 65 Resp: 383
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 93.5 140.3#



#51
2,6-Dinitrotoluene
Concen: 10.228 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.211 min
Lab File: BF126078.D
Acq: 9 Nov 2021 12:41

Tgt Ion:165 Resp: 44892
Ion Ratio Lower Upper
165 100
63 1.4 42.6 63.8#
89 1.7 40.6 60.8#

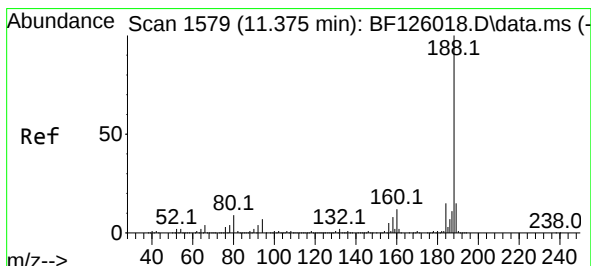
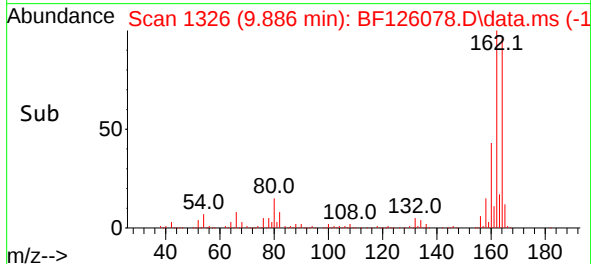
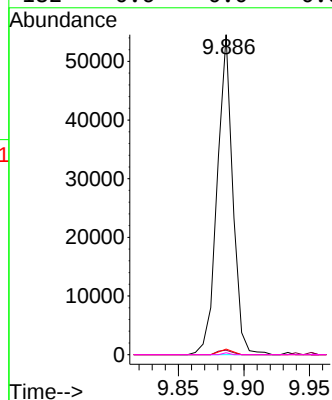
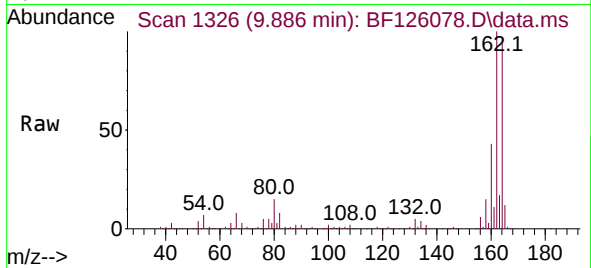




#57
2,4-Dinitrotoluene
Concen: 9.797 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.189 min
Lab File: BF126078.D
Acq: 9 Nov 2021 12:41

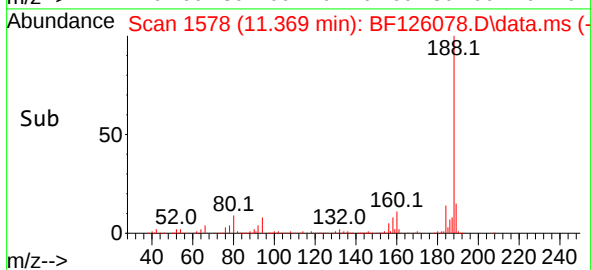
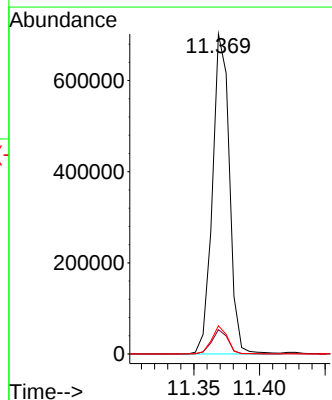
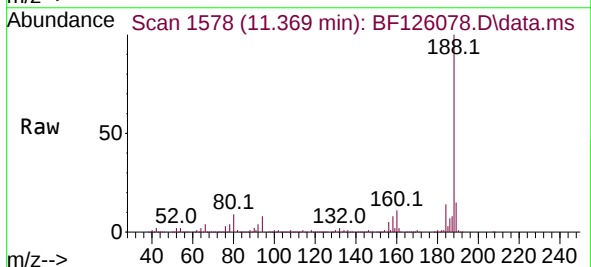
Instrument :
BNA_F
ClientSampleId :
TP-4

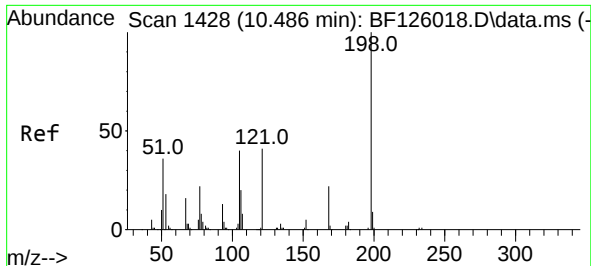
Tgt Ion:165 Resp: 44892
Ion Ratio Lower Upper
165 100
63 1.4 40.9 61.3#
89 1.7 59.7 89.5#
182 0.6 0.0 0.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF126078.D
Acq: 9 Nov 2021 12:41

Tgt Ion:188 Resp: 631489
Ion Ratio Lower Upper
188 100
94 7.6 6.7 10.1
80 8.8 7.5 11.3

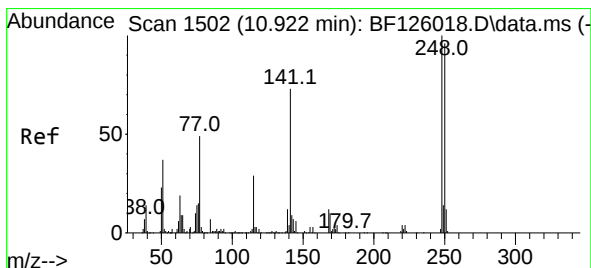
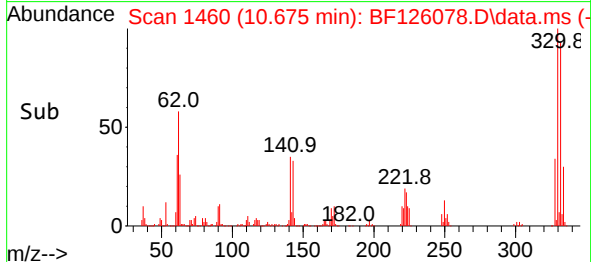
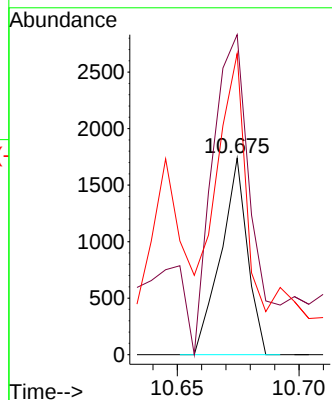
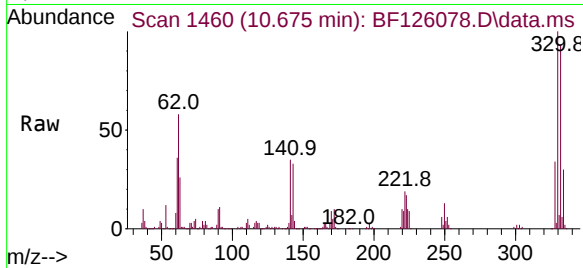




#65
4,6-Dinitro-2-methylphenol
Concen: 8.676 ng
RT: 10.675 min Scan# 1428
Delta R.T. 0.189 min
Lab File: BF126078.D
Acq: 9 Nov 2021 12:41

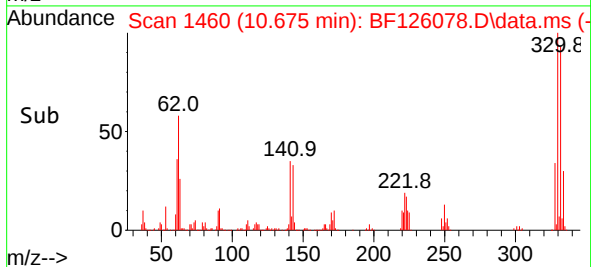
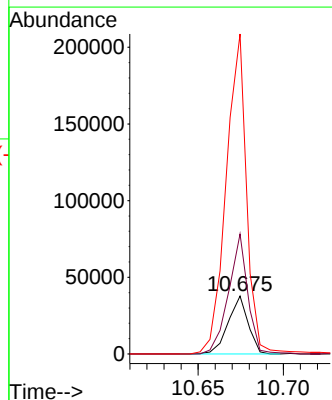
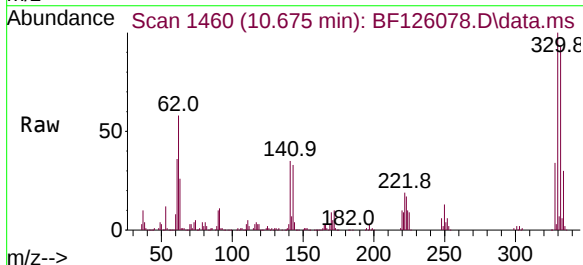
Instrument :
BNA_F
ClientSampleId :
TP-4

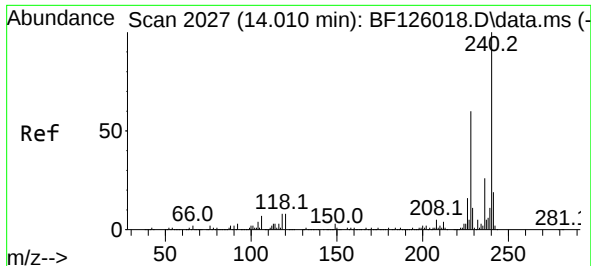
Tgt Ion:198 Resp: 1322
Ion Ratio Lower Upper
198 100
51 162.9 45.3 85.3#
105 153.3 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 4.039 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.247 min
Lab File: BF126078.D
Acq: 9 Nov 2021 12:41

Tgt Ion:248 Resp: 30896
Ion Ratio Lower Upper
248 100
250 207.1 74.2 111.4#
141 552.2 60.4 90.6#

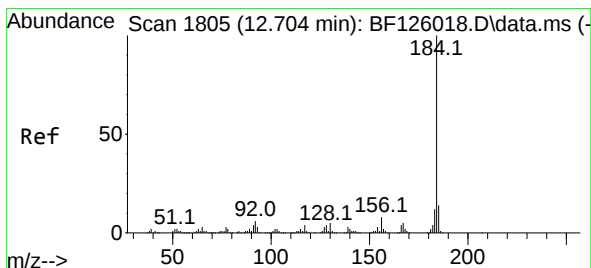
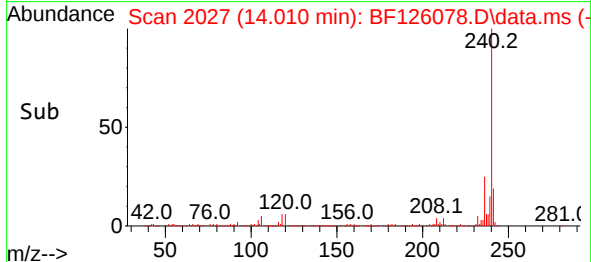
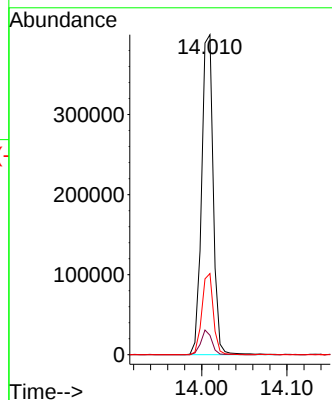
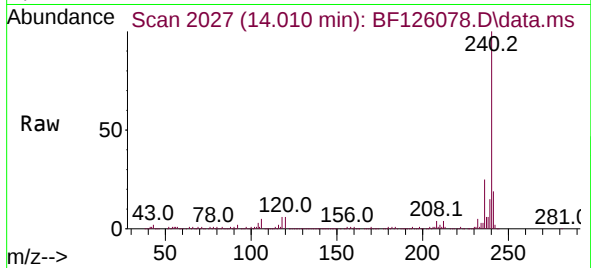




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF126078.D
Acq: 9 Nov 2021 12:41

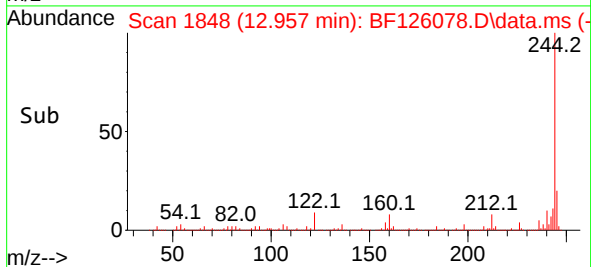
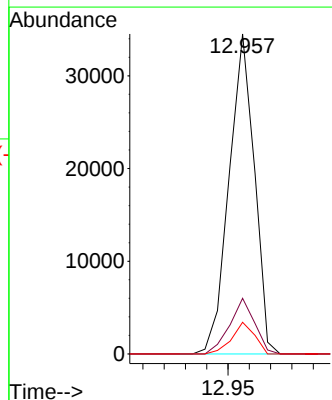
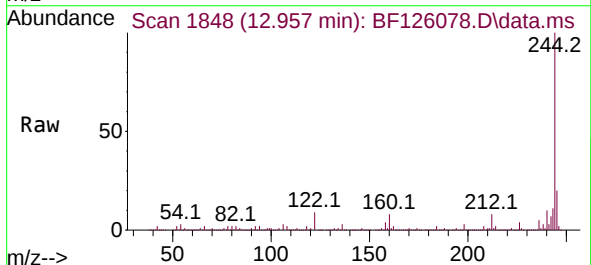
Instrument :
BNA_F
ClientSampleId :
TP-4

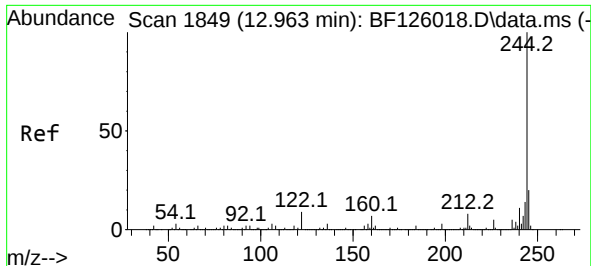
Tgt Ion:240 Resp: 377388
Ion Ratio Lower Upper
240 100
120 6.0 10.8 16.2#
236 25.4 21.6 32.4



#77
Benzidine
Concen: 2.262 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.253 min
Lab File: BF126078.D
Acq: 9 Nov 2021 12:41

Tgt Ion:184 Resp: 28540
Ion Ratio Lower Upper
184 100
185 17.4 10.8 16.2#
183 9.9 8.1 12.1

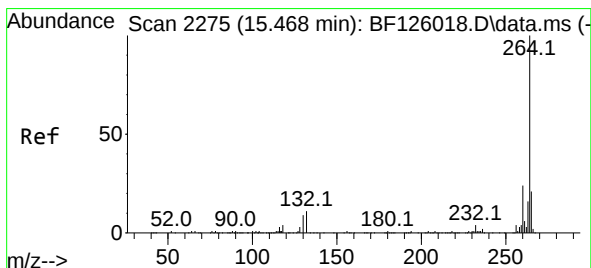
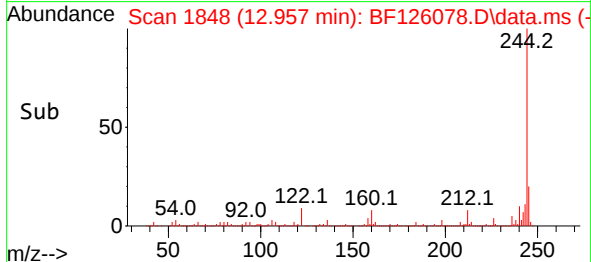
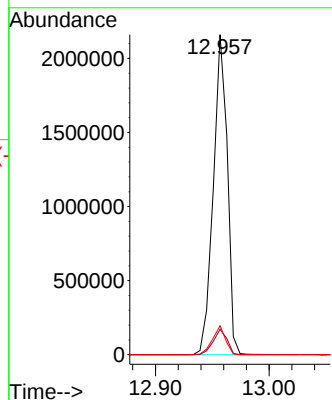
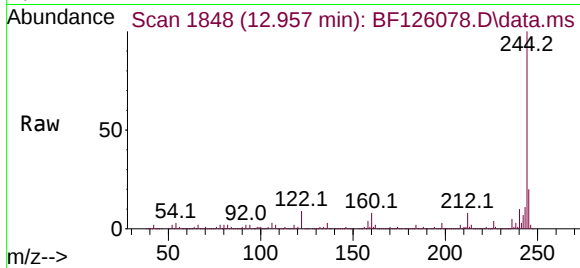




#79
 Terphenyl-d14
 Concen: 78.938 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. -0.006 min
 Lab File: BF126078.D
 Acq: 9 Nov 2021 12:41

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Tgt Ion:244 Resp: 1847396
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.9 8.9
 122 9.1 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: BF126078.D
 Acq: 9 Nov 2021 12:41

Tgt Ion:264 Resp: 359055
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.6 29.4
 265 21.2 17.2 25.8

