

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110421\
 Data File : BF126050.D
 Acq On : 4 Nov 2021 17:32
 Operator : JU/CG
 Sample : M4501-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11929

Quant Time: Nov 08 09:49:26 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)

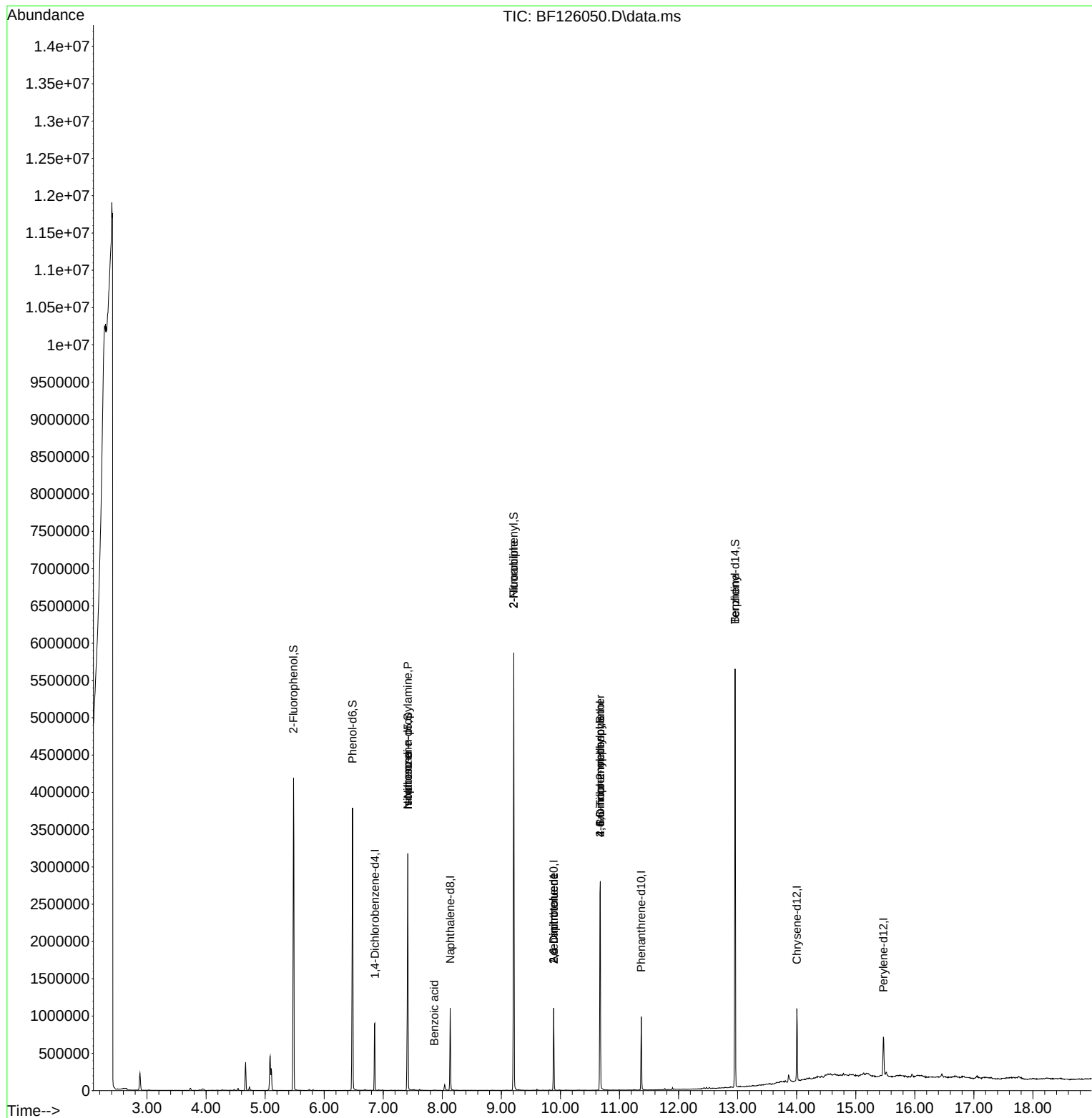
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	119335	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	404129	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	197140	20.000	ng	0.00
64) Phenanthrene-d10	11.368	188	319086	20.000	ng	0.00
76) Chrysene-d12	14.004	240	312639	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	259054	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	954108	137.300	ng	0.02
7) Phenol-d6	6.481	99	1054608	107.658	ng	0.00
23) Nitrobenzene-d5	7.416	82	904961	105.606	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	307323	136.030	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1538807	105.483	ng	0.00
79) Terphenyl-d14	12.957	244	1690072	87.171	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.398	77	184	Below Cal	#	30
19) n-Nitroso-di-n-propyla...	7.416	70	131703	20.394	ng	# 63
25) Isophorone	7.416	82	903078	58.533	ng	# 59
32) Benzoic acid	7.863	122	116	9.169	ng	# 55
48) 2-Nitroaniline	9.210	65	2994	3.567	ng	# 1
51) 2,6-Dinitrotoluene	9.886	165	24966	10.148	ng	# 30
57) 2,4-Dinitrotoluene	9.886	165	24966	9.745	ng	# 22
65) 4,6-Dinitro-2-methylph...	10.674	198	774	8.733	ng	# 1
67) 4-Bromophenyl-phenylether	10.674	248	20727	5.363	ng	# 1
77) Benzidine	12.957	184	27837	2.664	ng	96

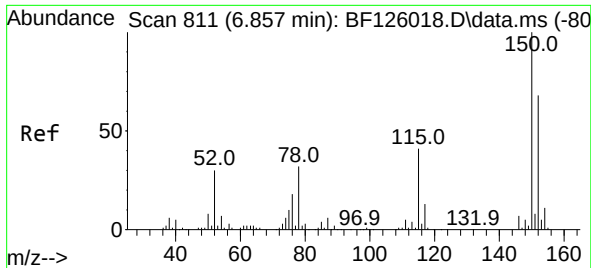
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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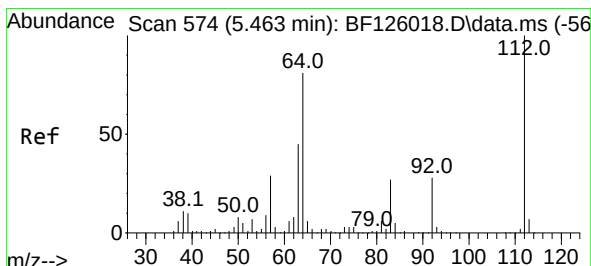
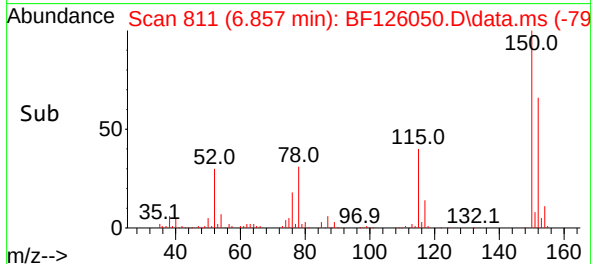
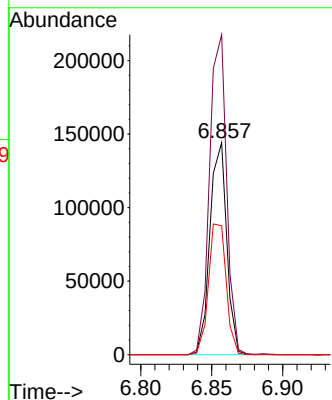
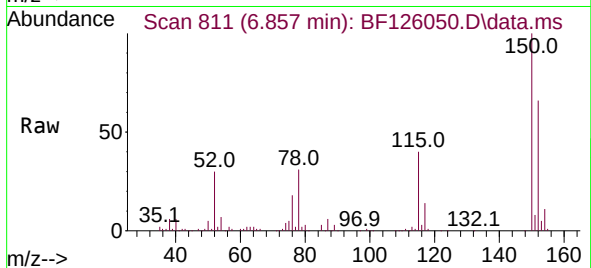




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF126050.D
Acq: 4 Nov 2021 17:32

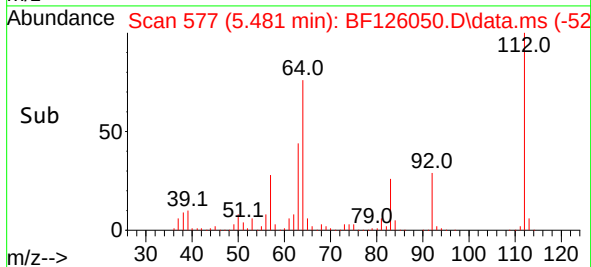
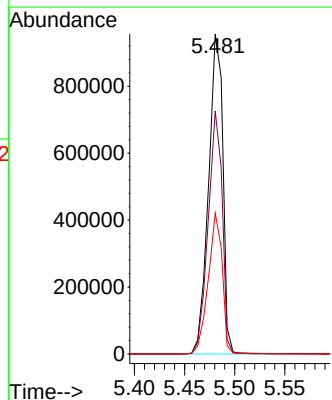
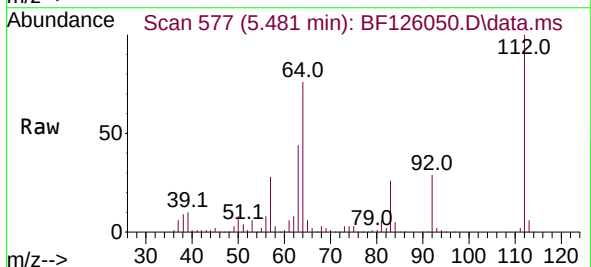
Instrument :
BNA_F
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72-11929

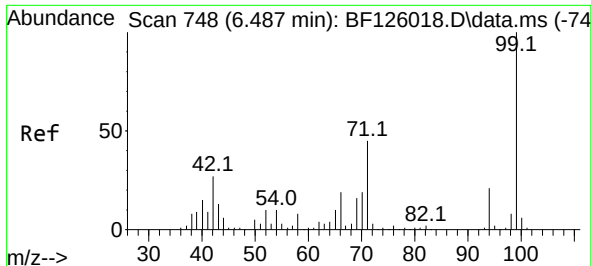
Tgt Ion:152 Resp: 119335
Ion Ratio Lower Upper
152 100
150 150.9 117.6 176.4
115 60.8 47.1 70.7



#5
2-Fluorophenol
Concen: 137.300 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.018 min
Lab File: BF126050.D
Acq: 4 Nov 2021 17:32

Tgt Ion:112 Resp: 954108
Ion Ratio Lower Upper
112 100
64 75.9 44.2 66.2#
63 44.0 26.2 39.2#

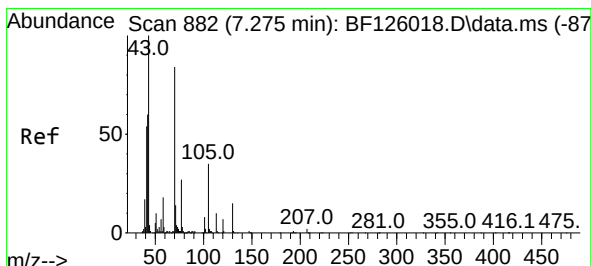
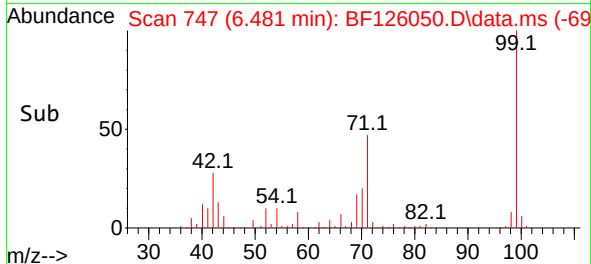
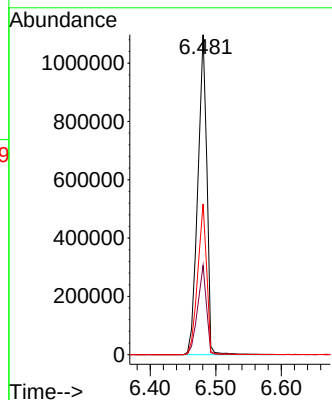
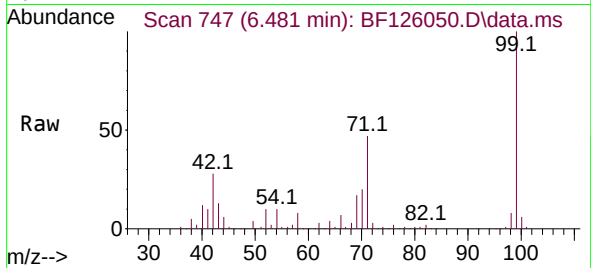




#7
Phenol-d6
Concen: 107.658 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF126050.D
Acq: 4 Nov 2021 17:32

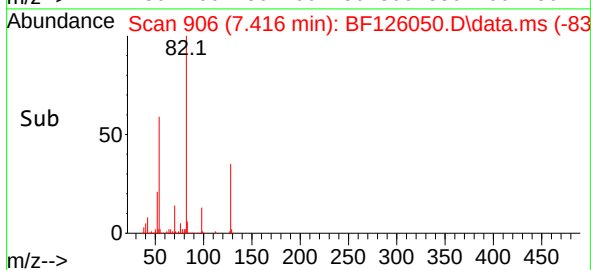
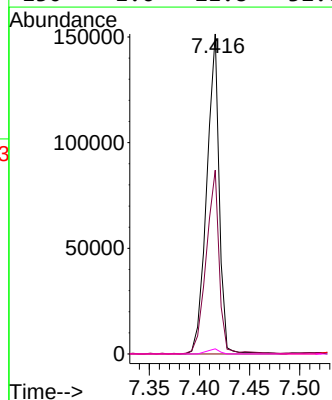
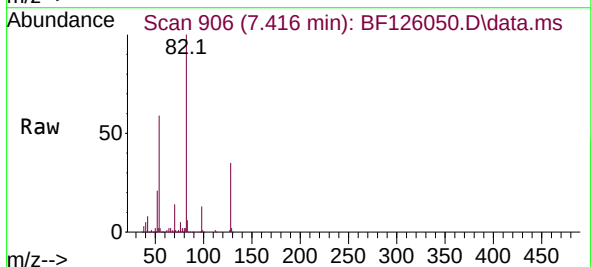
Instrument :
BNA_F
ClientSampleId :
72-11929

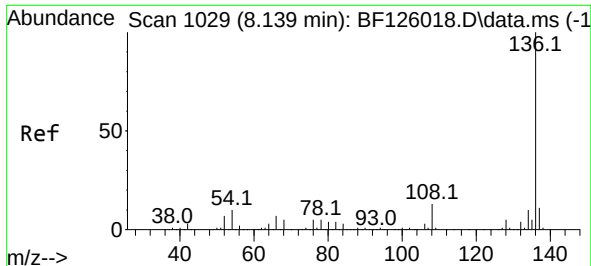
Tgt Ion: 99 Resp: 1054608
Ion Ratio Lower Upper
99 100
42 27.9 23.5 35.3
71 47.1 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 20.394 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF126050.D
Acq: 4 Nov 2021 17:32

Tgt Ion: 70 Resp: 131703
Ion Ratio Lower Upper
70 100
42 57.5 72.2 108.2#
101 0.0 7.8 11.8#
130 1.6 21.8 32.6#

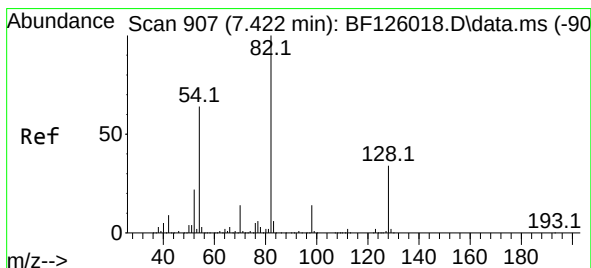
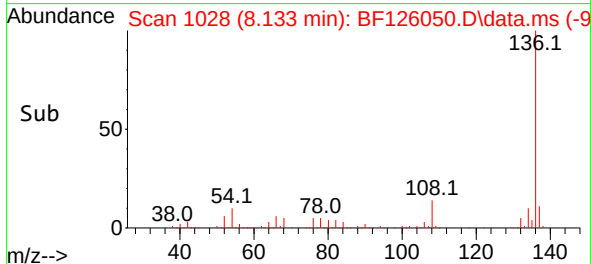
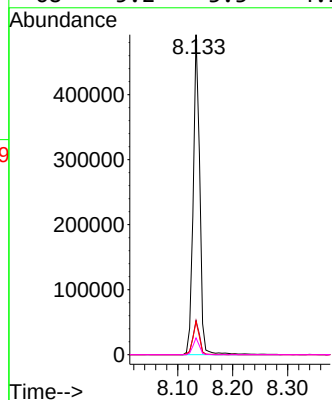
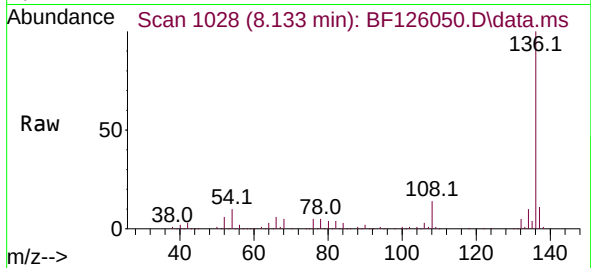




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF126050.D
Acq: 4 Nov 2021 17:32

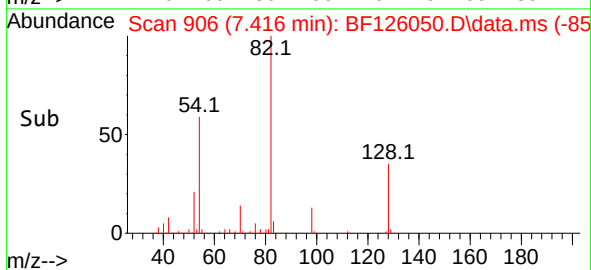
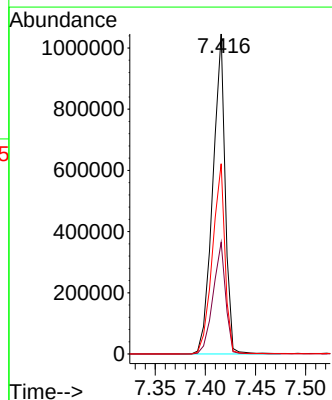
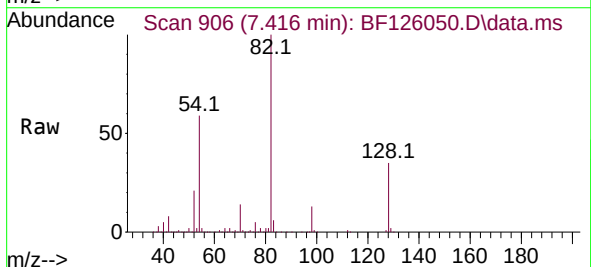
Instrument :
BNA_F
ClientSampleId :
72-11929

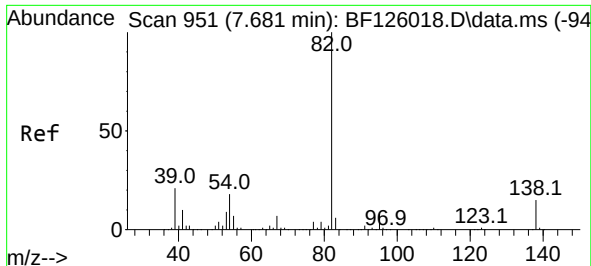
Tgt Ion:136 Resp: 404129
Ion Ratio Lower Upper
136 100
137 10.7 9.8 14.6
54 10.4 6.4 9.6#
68 5.2 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 105.606 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF126050.D
Acq: 4 Nov 2021 17:32

Tgt Ion: 82 Resp: 904961
Ion Ratio Lower Upper
82 100
128 34.9 40.6 60.8#
54 59.5 49.6 74.4

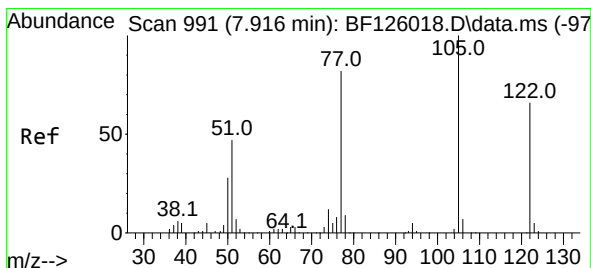
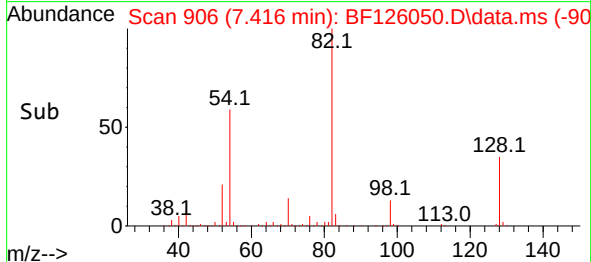
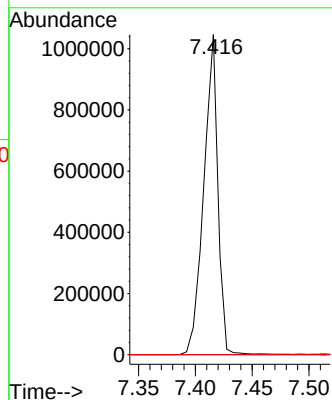
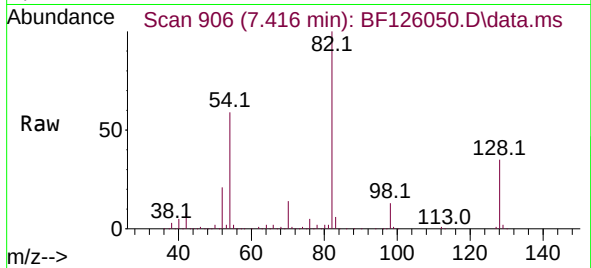




#25
Isophorone
Concen: 58.533 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF126050.D
Acq: 4 Nov 2021 17:32

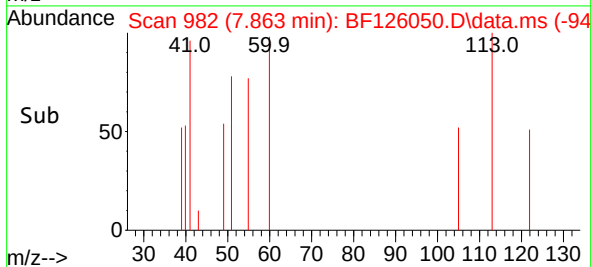
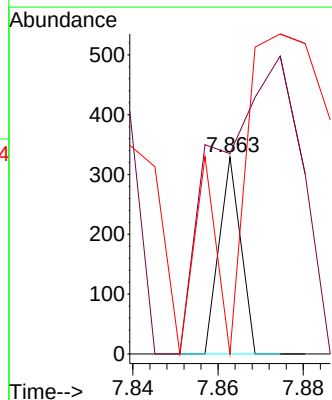
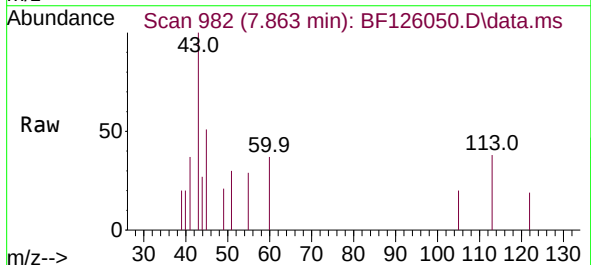
Instrument :
BNA_F
ClientSampleId :
72-11929

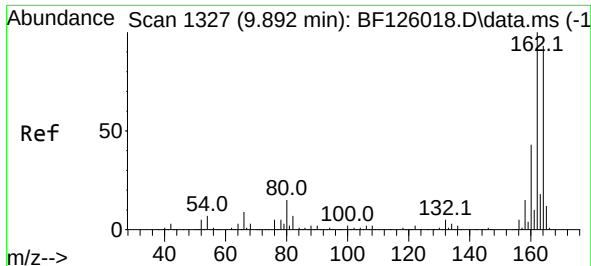
Tgt Ion: 82 Resp: 903078
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#32
Benzoic acid
Concen: 9.169 ng
RT: 7.863 min Scan# 982
Delta R.T. -0.053 min
Lab File: BF126050.D
Acq: 4 Nov 2021 17:32

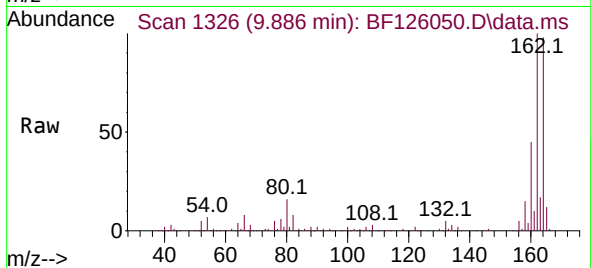
Tgt Ion: 122 Resp: 116
Ion Ratio Lower Upper
122 100
105 101.8 97.6 137.6
77 0.0 59.6 99.6#



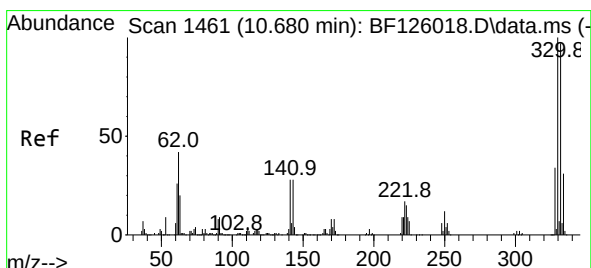
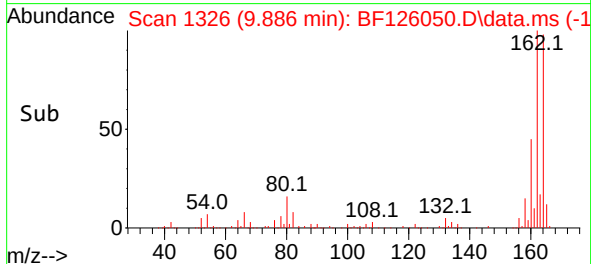
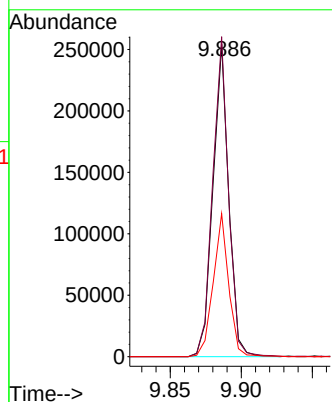


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126050.D
Acq: 4 Nov 2021 17:32

Instrument :
BNA_F
ClientSampleId :
72-11929

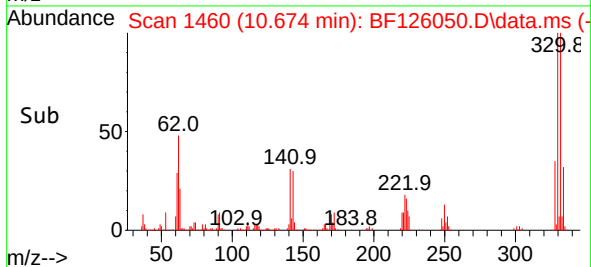
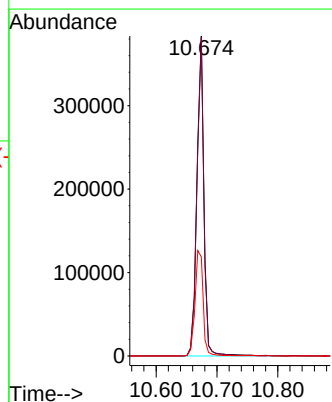
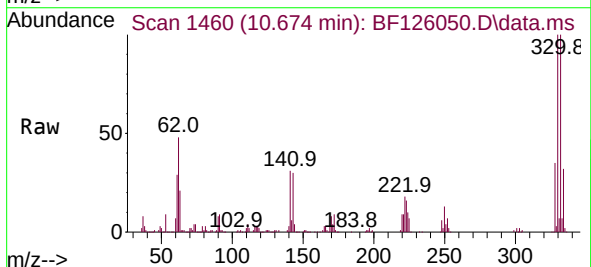


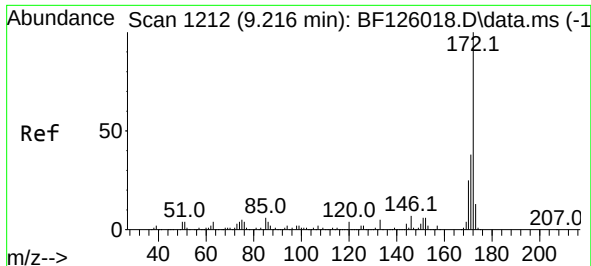
Tgt Ion:164 Resp: 197140
Ion Ratio Lower Upper
164 100
162 102.4 81.3 121.9
160 45.8 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 136.030 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF126050.D
Acq: 4 Nov 2021 17:32

Tgt Ion:330 Resp: 307323
Ion Ratio Lower Upper
330 100
332 98.3 76.2 114.4
141 38.2 44.6 66.8#

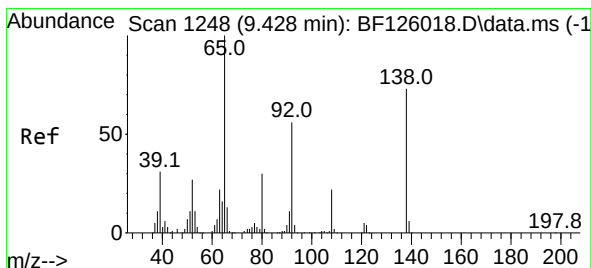
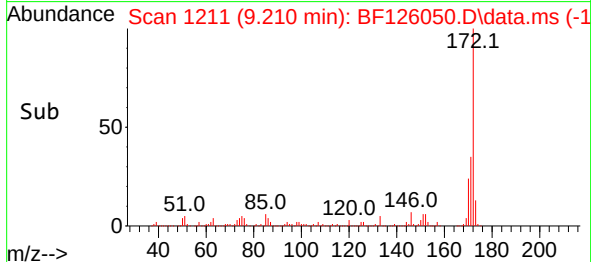
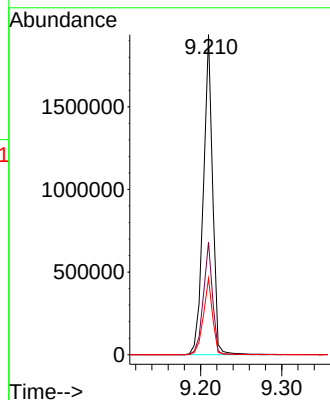
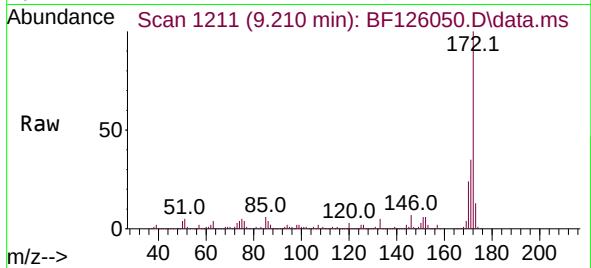




#45
2-Fluorobiphenyl
Concen: 105.483 ng
RT: 9.210 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126050.D
Acq: 4 Nov 2021 17:32

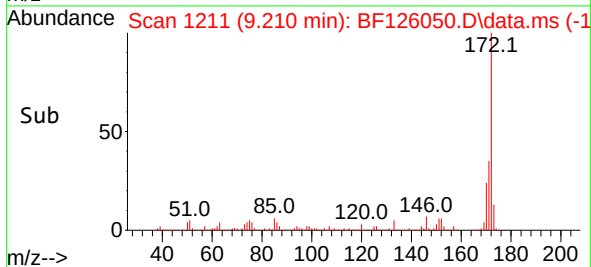
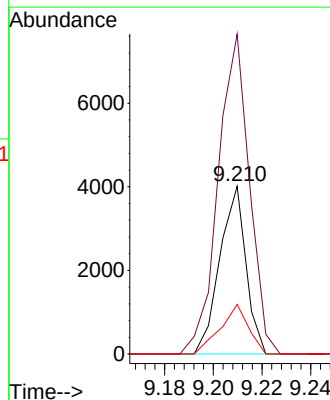
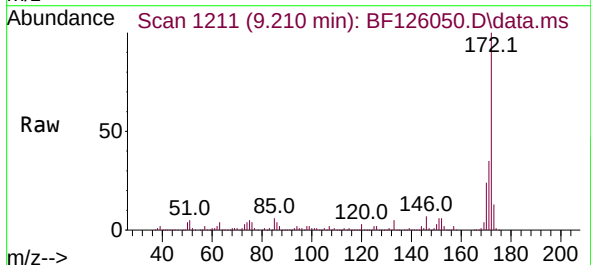
Instrument :
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72-11929

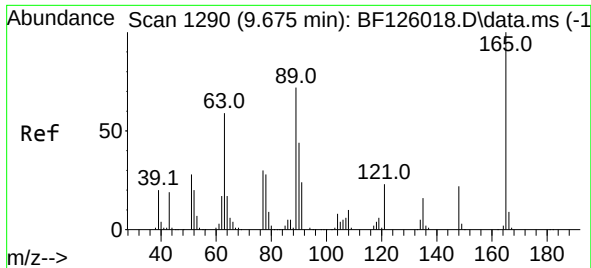
Tgt Ion:172 Resp: 1538807
Ion Ratio Lower Upper
172 100
171 35.2 26.5 39.7
170 23.9 18.8 28.2



#48
2-Nitroaniline
Concen: 3.567 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.218 min
Lab File: BF126050.D
Acq: 4 Nov 2021 17:32

Tgt Ion: 65 Resp: 2994
Ion Ratio Lower Upper
65 100
92 190.8 55.5 83.3#
138 29.6 93.5 140.3#

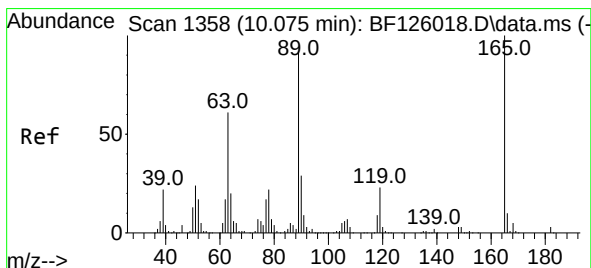
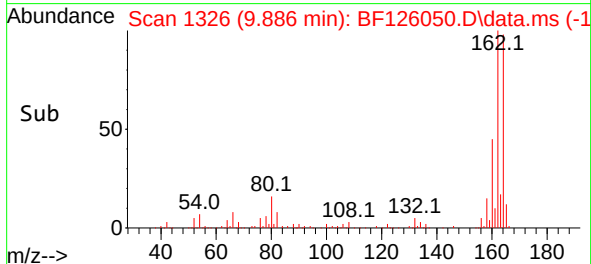
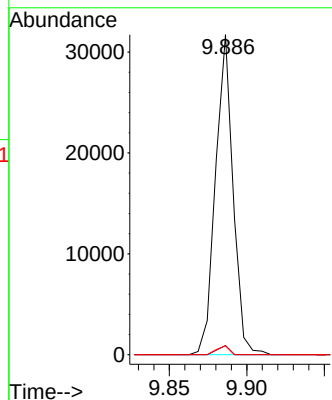
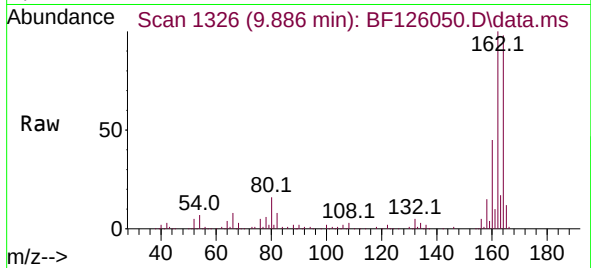




#51
2,6-Dinitrotoluene
Concen: 10.148 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.211 min
Lab File: BF126050.D
Acq: 4 Nov 2021 17:32

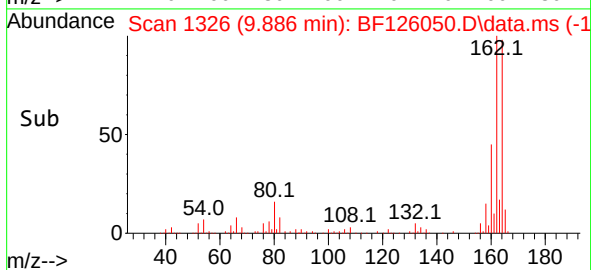
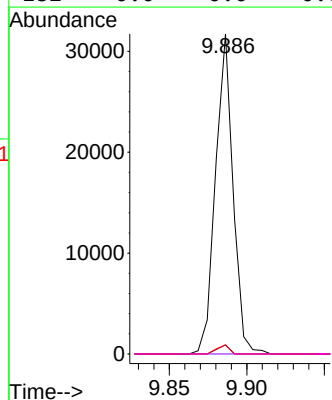
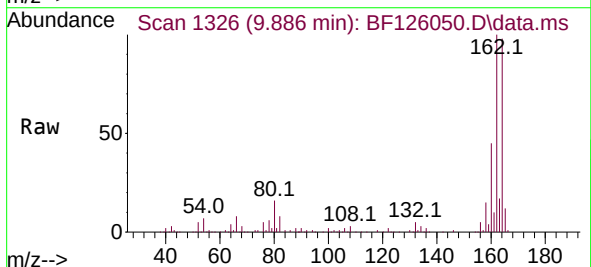
Instrument :
BNA_F
ClientSampleId :
72-11929

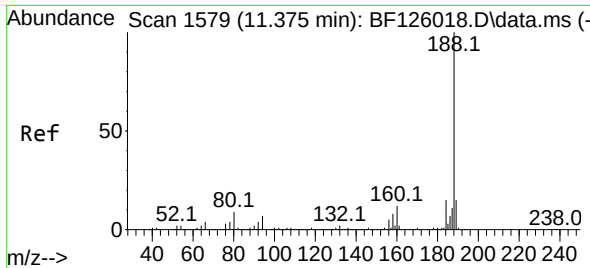
Tgt Ion:165 Resp: 24966
Ion Ratio Lower Upper
165 100
63 2.9 42.6 63.8#
89 2.8 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 9.745 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.189 min
Lab File: BF126050.D
Acq: 4 Nov 2021 17:32

Tgt Ion:165 Resp: 24966
Ion Ratio Lower Upper
165 100
63 2.9 40.9 61.3#
89 2.8 59.7 89.5#
182 0.0 0.0 0.0

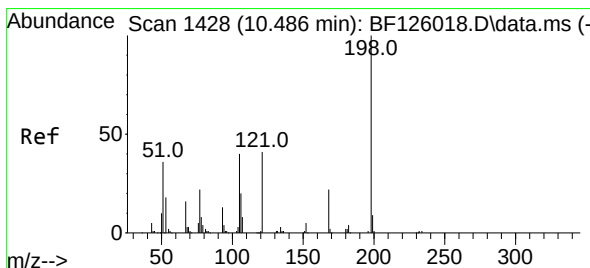
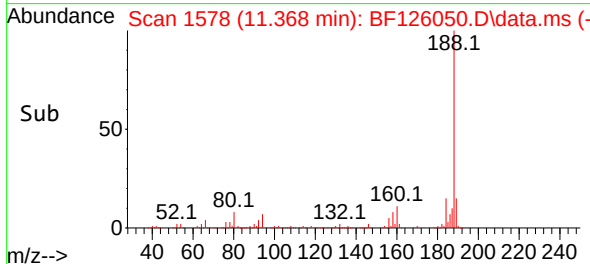
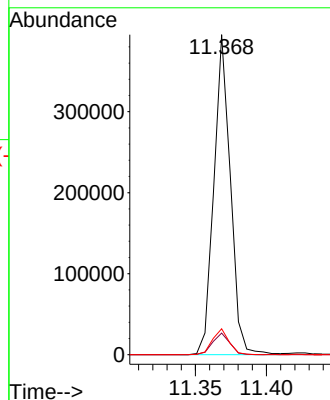
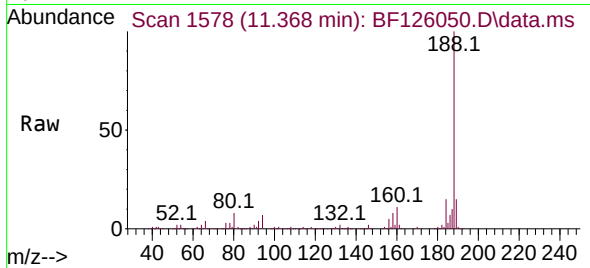




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.368 min Scan# 11
Delta R.T. -0.007 min
Lab File: BF126050.D
Acq: 4 Nov 2021 17:32

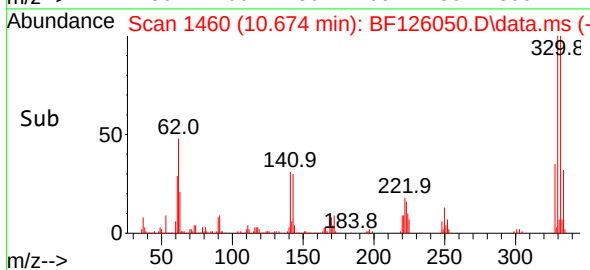
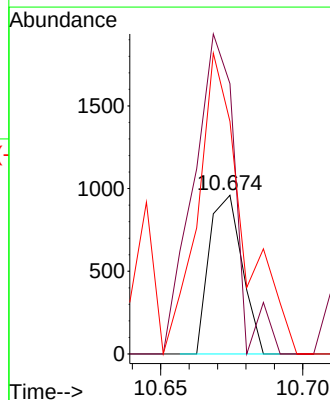
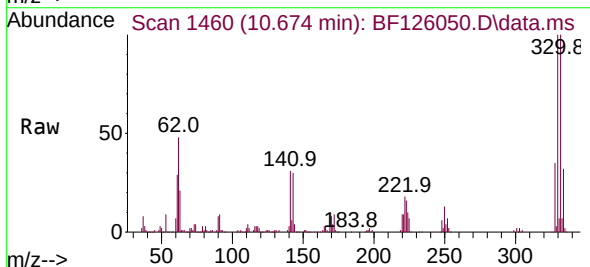
Instrument :
BNA_F
ClientSampleId :
72-11929

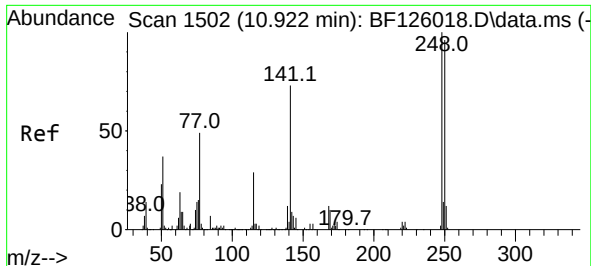
Tgt Ion:188 Resp: 319086
Ion Ratio Lower Upper
188 100
94 6.8 6.7 10.1
80 8.1 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 8.733 ng
RT: 10.674 min Scan# 1460
Delta R.T. 0.188 min
Lab File: BF126050.D
Acq: 4 Nov 2021 17:32

Tgt Ion:198 Resp: 774
Ion Ratio Lower Upper
198 100
51 170.2 45.3 85.3#
105 146.5 30.6 70.6#

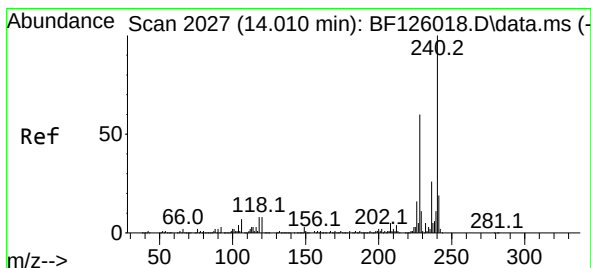
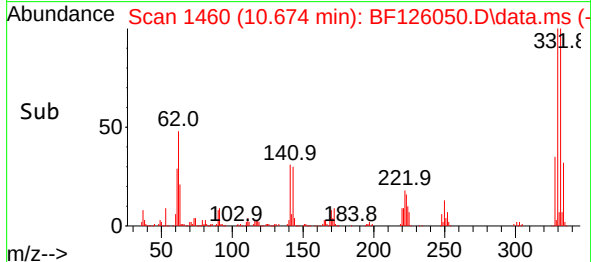
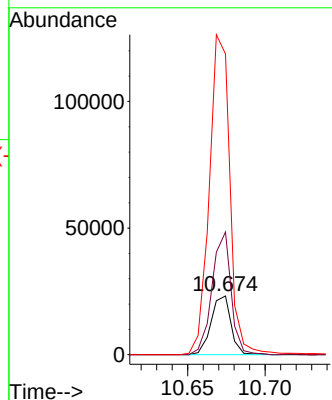
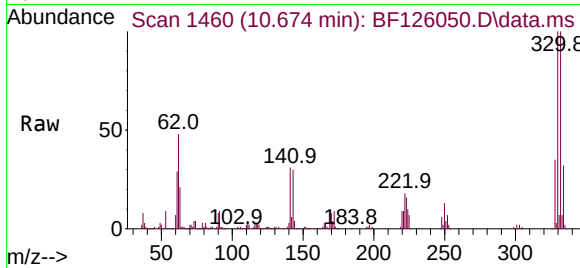




#67
4-Bromophenyl-phenylether
Concen: 5.363 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.248 min
Lab File: BF126050.D
Acq: 4 Nov 2021 17:32

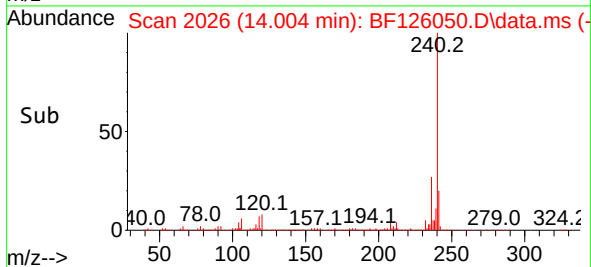
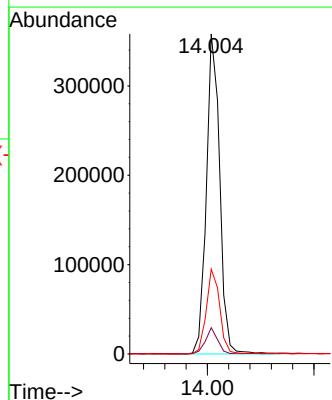
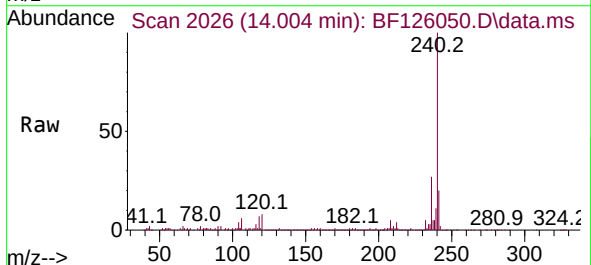
Instrument :
BNA_F
ClientSampleId :
72-11929

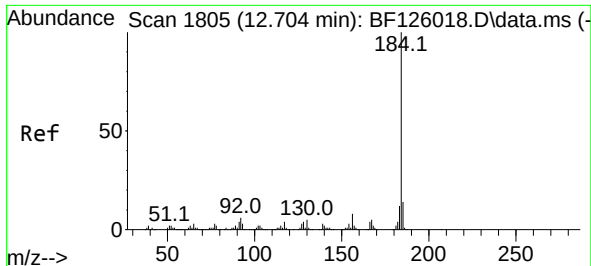
Tgt Ion:248 Resp: 20727
Ion Ratio Lower Upper
248 100
250 208.8 74.2 111.4#
141 511.6 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF126050.D
Acq: 4 Nov 2021 17:32

Tgt Ion:240 Resp: 312639
Ion Ratio Lower Upper
240 100
120 8.2 10.8 16.2#
236 26.5 21.6 32.4

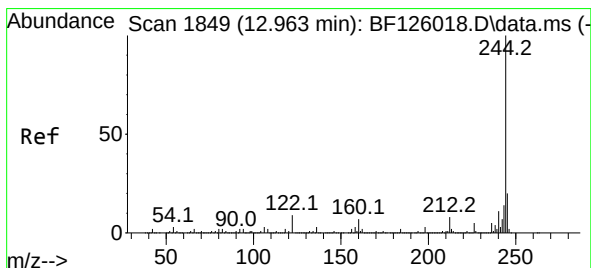
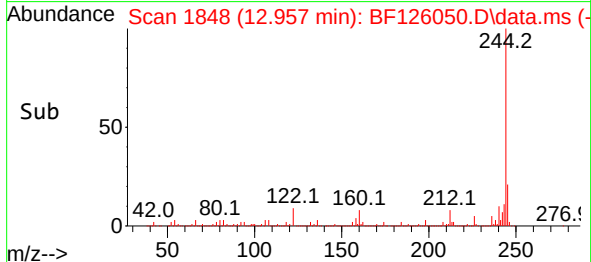
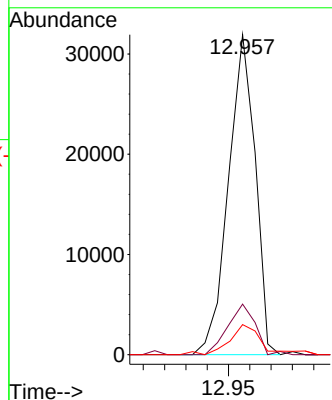
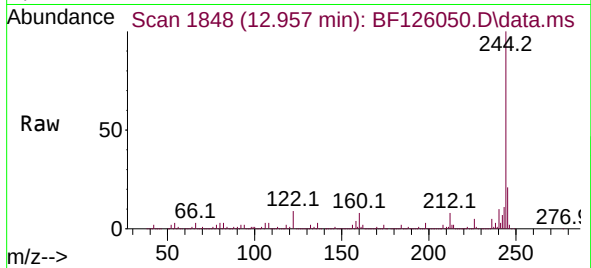




#77
Benzidine
Concen: 2.664 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.253 min
Lab File: BF126050.D
Acq: 4 Nov 2021 17:32

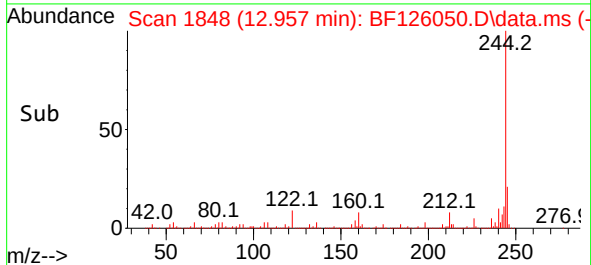
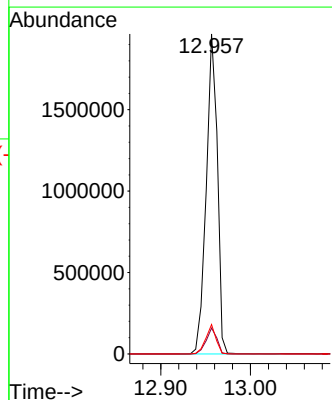
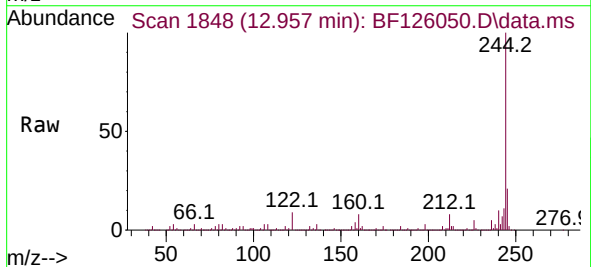
Instrument :
BNA_F
ClientSampleId :
72-11929

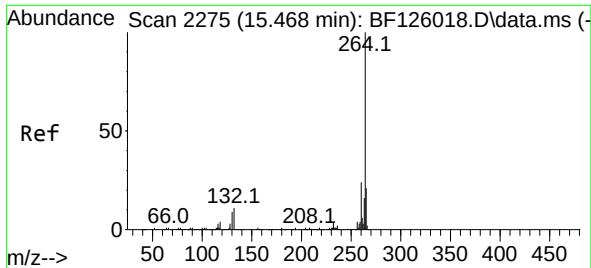
Tgt Ion:184 Resp: 27837
Ion Ratio Lower Upper
184 100
185 15.8 10.8 16.2
183 9.4 8.1 12.1



#79
Terphenyl-d14
Concen: 87.171 ng
RT: 12.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BF126050.D
Acq: 4 Nov 2021 17:32

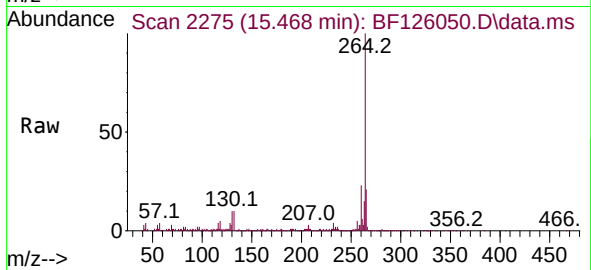
Tgt Ion:244 Resp: 1690072
Ion Ratio Lower Upper
244 100
212 8.1 5.9 8.9
122 9.2 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF126050.D
 Acq: 4 Nov 2021 17:32

Instrument :
 BNA_F
 ClientSampleId :
 72-11929



Tgt Ion:264 Resp: 259054

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.6	29.4
265	20.5	17.2	25.8

