

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072324\
 Data File : BF138621.D
 Acq On : 23 Jul 2024 16:32
 Operator : RC/JU
 Sample : P3282-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDW-T1-01

Quant Time: Jul 23 16:55:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

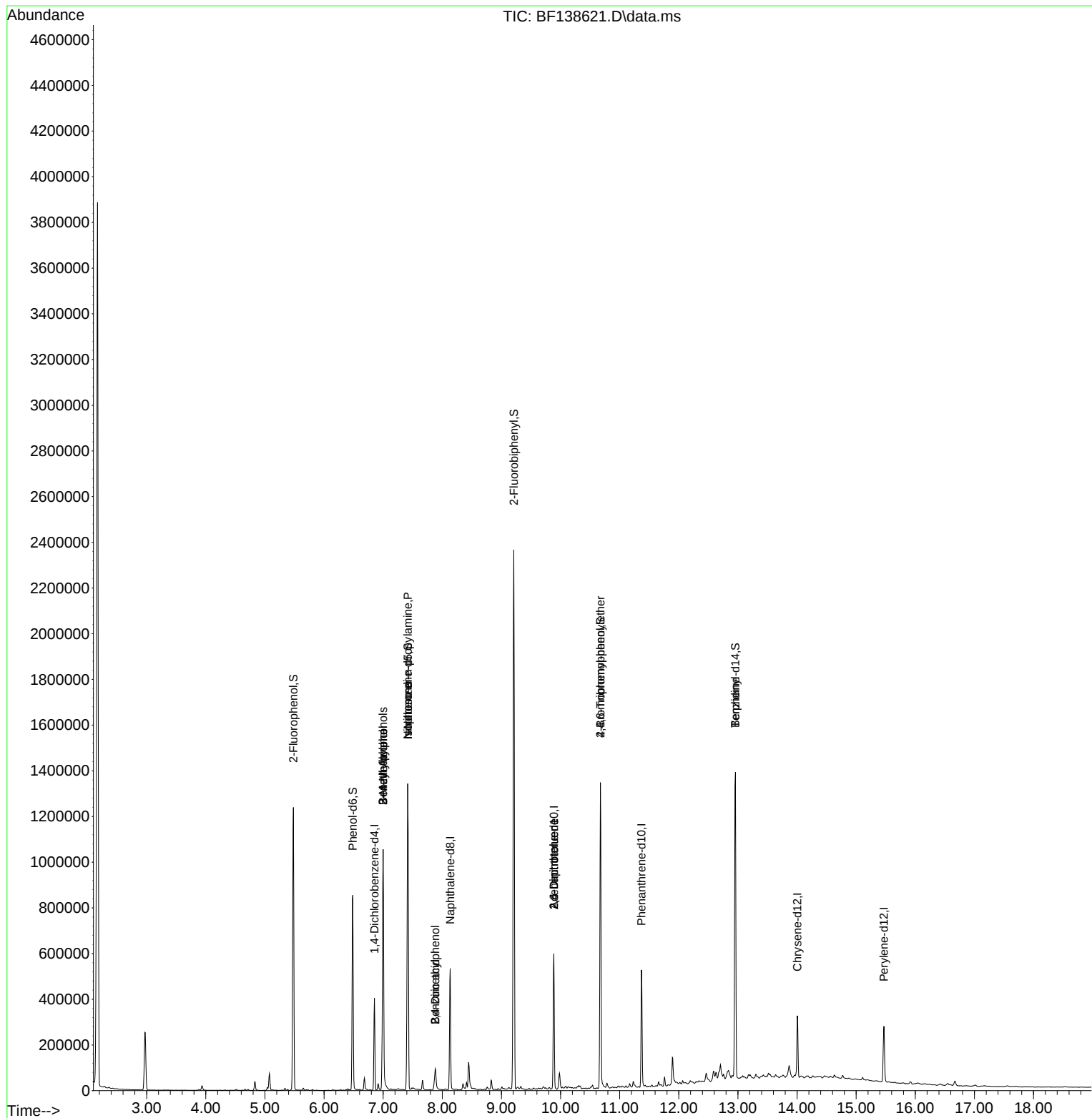
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	74807	20.000	ng	-0.02
21) Naphthalene-d8	8.134	136	312420	20.000	ng	-0.02
39) Acenaphthene-d10	9.886	164	167652	20.000	ng	-0.02
64) Phenanthrene-d10	11.369	188	250026	20.000	ng	-0.02
76) Chrysene-d12	14.004	240	122770	20.000	ng	-0.02
86) Perylene-d12	15.468	264	135027	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	416096	88.093	ng	-0.01
7) Phenol-d6	6.487	99	374154	59.545	ng	-0.02
23) Nitrobenzene-d5	7.416	82	624185	98.092	ng	-0.02
42) 2,4,6-Tribromophenol	10.675	330	211592	135.041	ng	-0.02
45) 2-Fluorobiphenyl	9.210	172	1019161	95.009	ng	-0.02
79) Terphenyl-d14	12.957	244	635123	84.279	ng	-0.02
Target Compounds						Qvalue
15) Benzyl Alcohol	6.998	79	333899	70.807	ng	97
17) 2-Methylphenol	6.998	107	164403	40.164	ng	# 6
19) n-Nitroso-di-n-propyla...	7.416	70	84996	21.892	ng	# 73
20) 3+4-Methylphenols	6.998	107	159734	30.989	ng	# 36
25) Isophorone	7.416	82	621854	56.907	ng	# 68
27) 2,4-Dimethylphenol	7.881	122	29376	8.624	ng	# 2
32) Benzoic acid	7.881	122	29376	9.042	ng	95
51) 2,6-Dinitrotoluene	9.886	165	21896	8.772	ng	# 25
57) 2,4-Dinitrotoluene	9.886	165	21896	6.780	ng	# 19
67) 4-Bromophenyl-phenylether	10.675	248	13989	5.444	ng	# 1
77) Benzidine	12.957	184	9258	2.989	ng	96

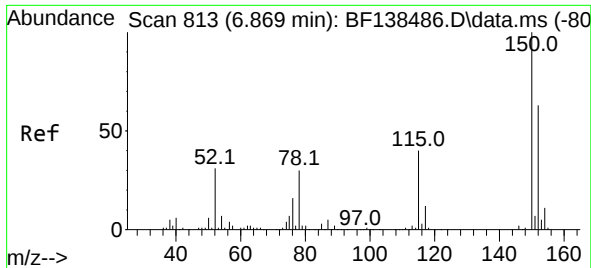
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072324\
Data File : BF138621.D
Acq On : 23 Jul 2024 16:32
Operator : RC/JU
Sample : P3282-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDW-T1-01

Quant Time: Jul 23 16:55:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 16:58:40 2024
Response via : Initial Calibration

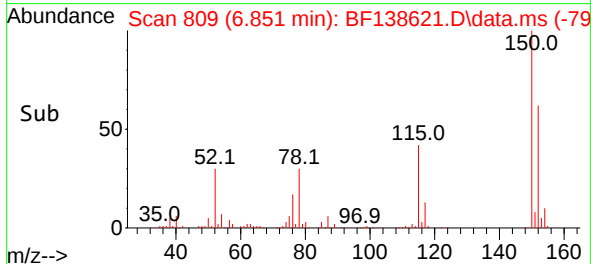
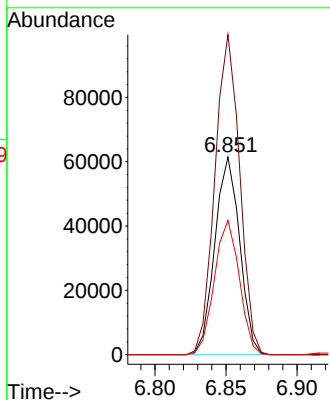
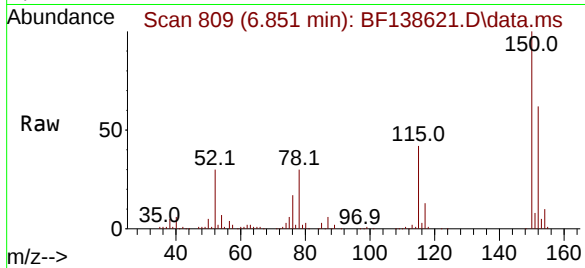




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. -0.018 min
Lab File: BF138621.D
Acq: 23 Jul 2024 16:32

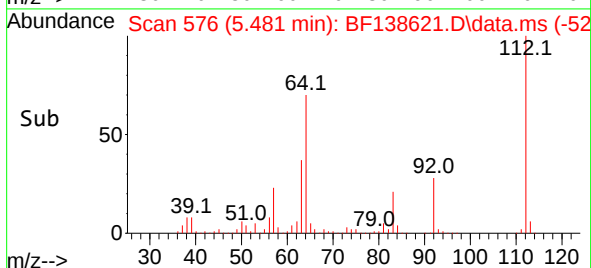
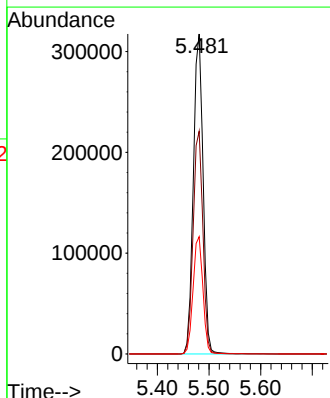
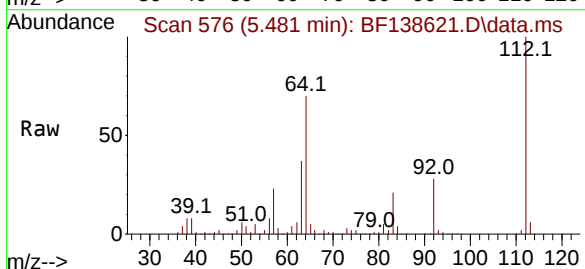
Instrument :
BNA_F
ClientSampleId :
IDW-T1-01

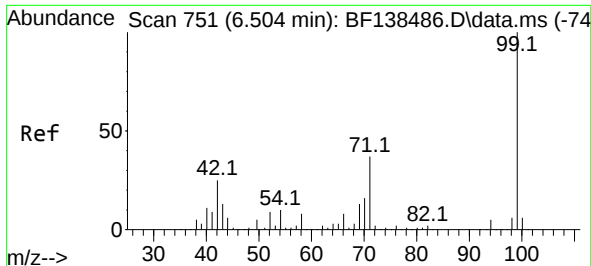
Tgt Ion:152 Resp: 74807
Ion Ratio Lower Upper
152 100
150 162.0 126.2 189.4
115 68.0 50.3 75.5



#5
2-Fluorophenol
Concen: 88.093 ng
RT: 5.481 min Scan# 576
Delta R.T. -0.012 min
Lab File: BF138621.D
Acq: 23 Jul 2024 16:32

Tgt Ion:112 Resp: 416096
Ion Ratio Lower Upper
112 100
64 69.6 55.1 82.7
63 36.7 29.0 43.6

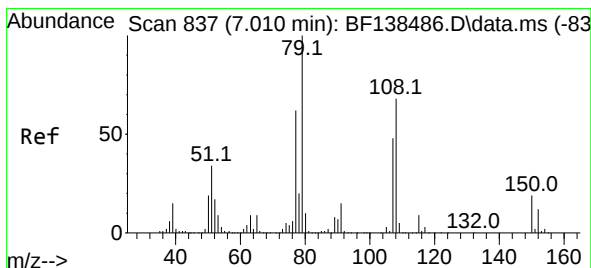
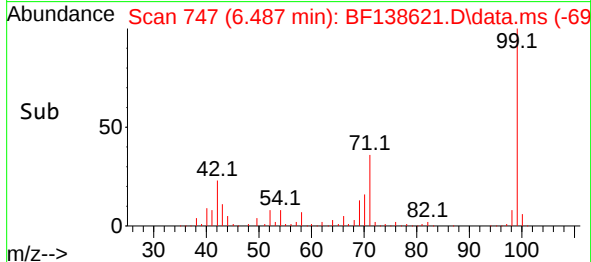
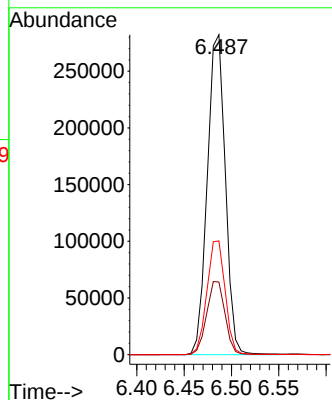
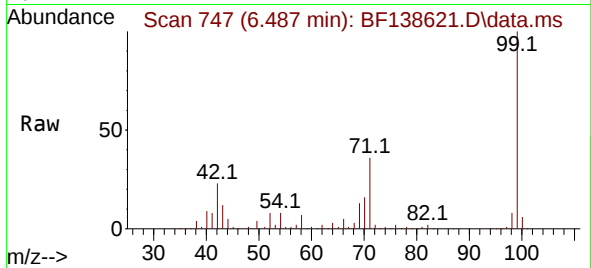




#7
Phenol-d6
Concen: 59.545 ng
RT: 6.487 min Scan# 741
Delta R.T. -0.017 min
Lab File: BF138621.D
Acq: 23 Jul 2024 16:32

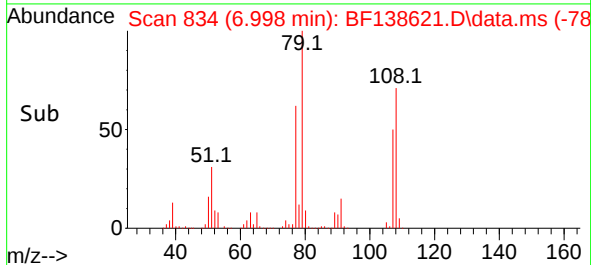
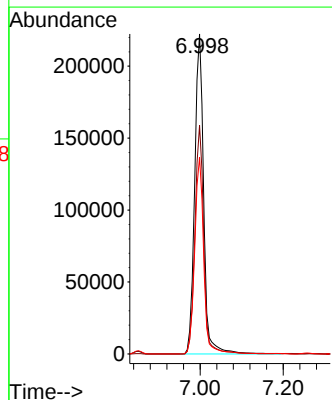
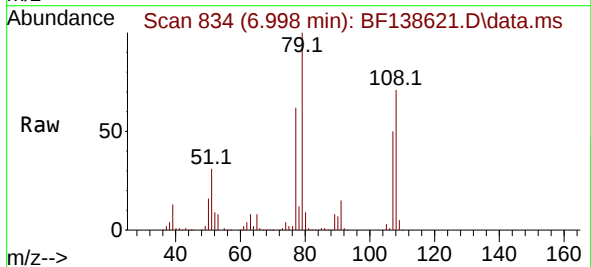
Instrument :
BNA_F
ClientSampleId :
IDW-T1-01

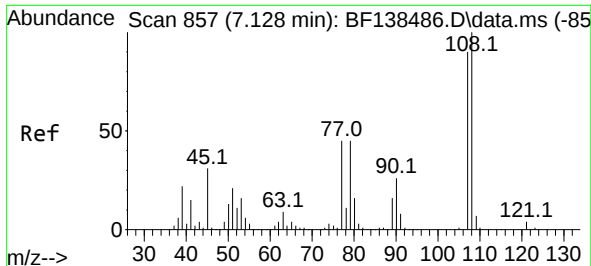
Tgt Ion: 99 Resp: 374154
Ion Ratio Lower Upper
99 100
42 22.7 19.7 29.5
71 35.6 29.9 44.9



#15
Benzyl Alcohol
Concen: 70.807 ng
RT: 6.998 min Scan# 834
Delta R.T. -0.012 min
Lab File: BF138621.D
Acq: 23 Jul 2024 16:32

Tgt Ion: 79 Resp: 333899
Ion Ratio Lower Upper
79 100
108 71.5 54.3 81.5
77 61.5 50.0 75.0

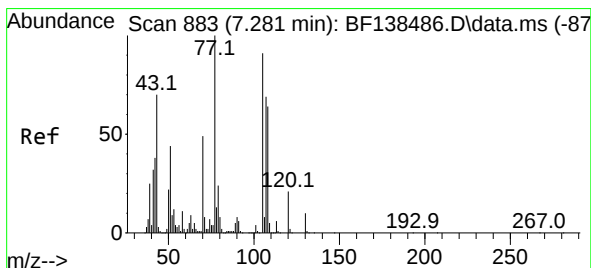
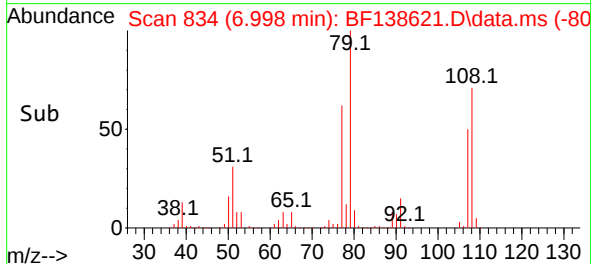
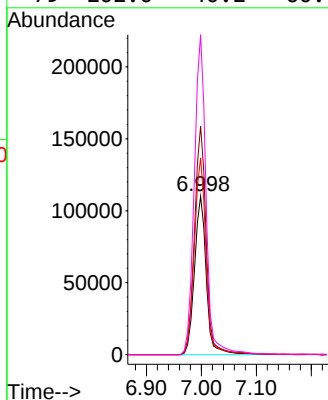
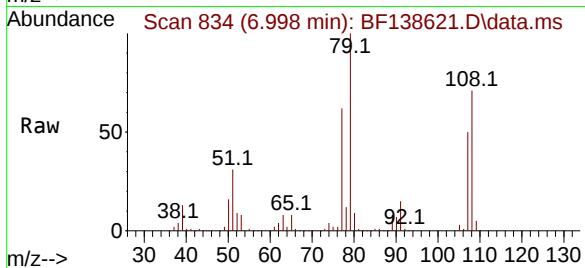




#17
2-Methylphenol
Concen: 40.164 ng
RT: 6.998 min Scan# 81
Delta R.T. -0.129 min
Lab File: BF138621.D
Acq: 23 Jul 2024 16:32

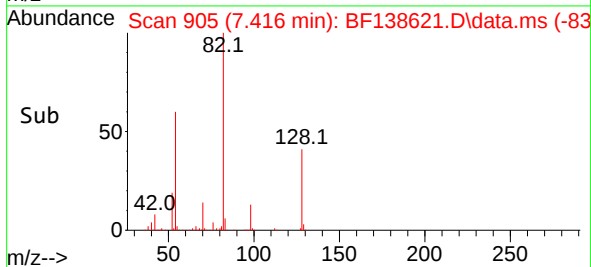
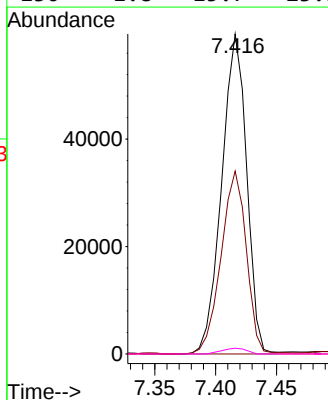
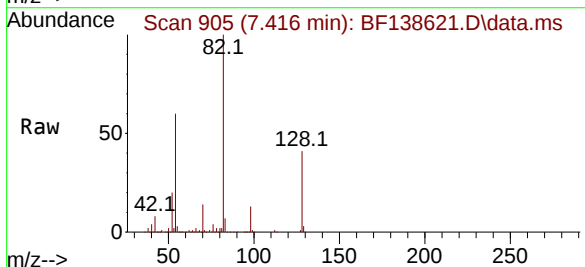
Instrument :
BNA_F
ClientSampleId :
IDW-T1-01

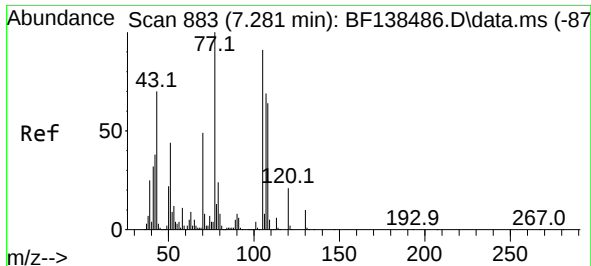
Tgt Ion:107 Resp: 164403
Ion Ratio Lower Upper
107 100
108 144.3 89.0 133.4#
77 124.3 40.3 60.5#
79 202.0 40.2 60.4#



#19
n-Nitroso-di-n-propylamine
Concen: 21.892 ng
RT: 7.416 min Scan# 905
Delta R.T. 0.136 min
Lab File: BF138621.D
Acq: 23 Jul 2024 16:32

Tgt Ion: 70 Resp: 84996
Ion Ratio Lower Upper
70 100
42 57.2 62.4 93.6#
101 0.0 7.2 10.8#
130 1.8 15.7 23.5#

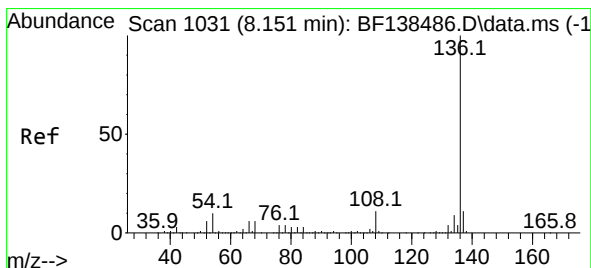
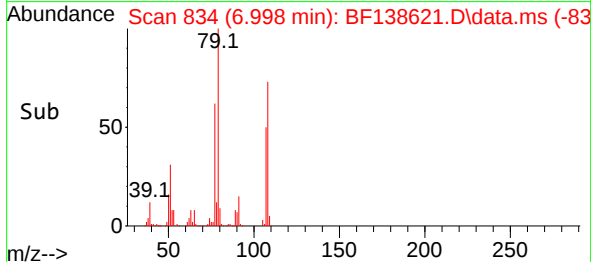
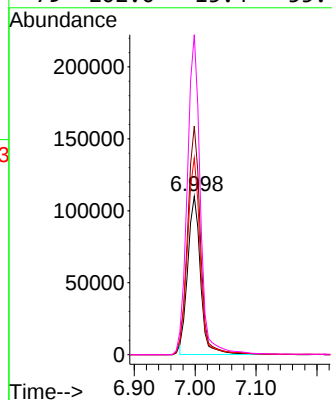
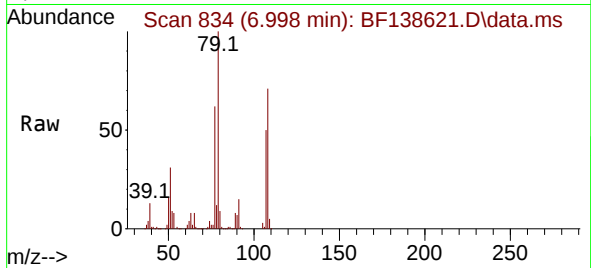




#20
3+4-Methylphenols
Concen: 30.989 ng
RT: 6.998 min Scan# 81
Delta R.T. -0.282 min
Lab File: BF138621.D
Acq: 23 Jul 2024 16:32

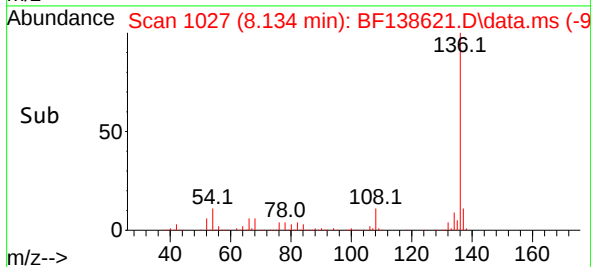
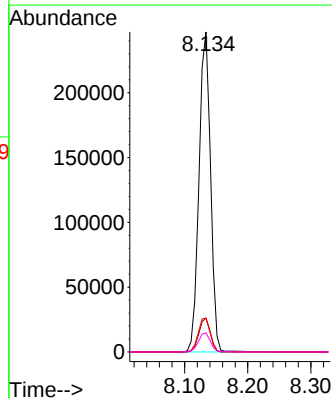
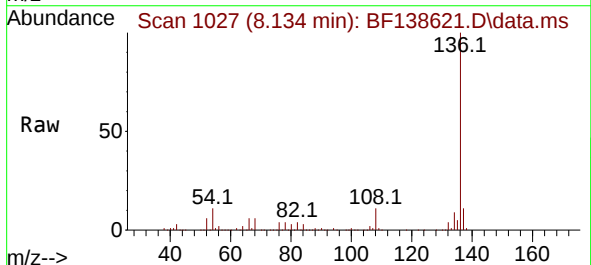
Instrument :
BNA_F
ClientSampleId :
IDW-T1-01

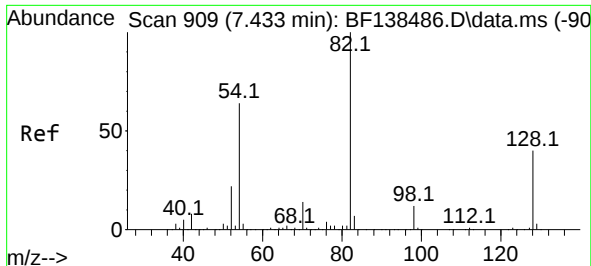
Tgt Ion:107 Resp: 159734
Ion Ratio Lower Upper
107 100
108 144.3 73.7 113.7#
77 124.3 126.0 166.0#
79 202.0 15.4 55.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1027
Delta R.T. -0.017 min
Lab File: BF138621.D
Acq: 23 Jul 2024 16:32

Tgt Ion:136 Resp: 312420
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 10.6 8.1 12.1
68 6.0 4.7 7.1

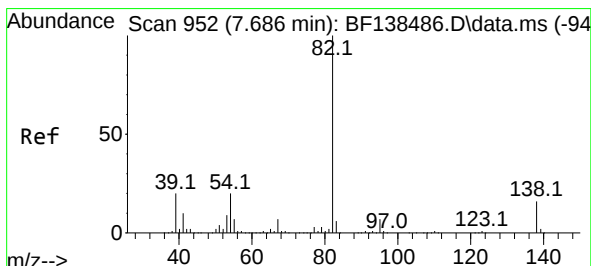
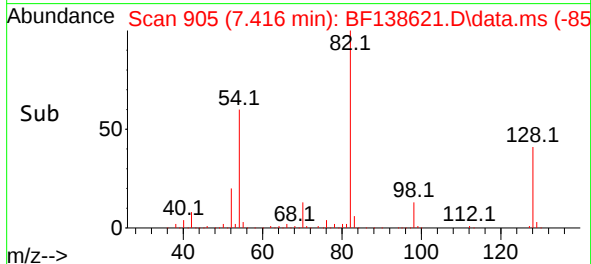
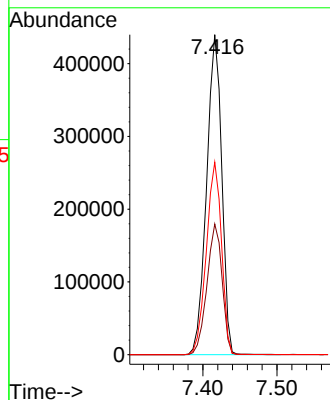
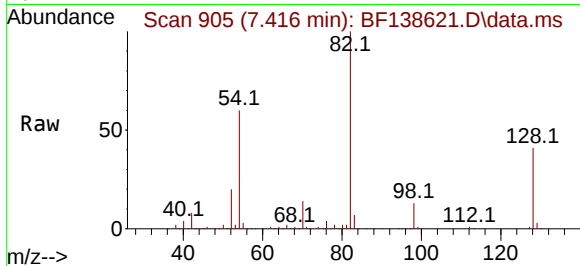




#23
Nitrobenzene-d5
Concen: 98.092 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.017 min
Lab File: BF138621.D
Acq: 23 Jul 2024 16:32

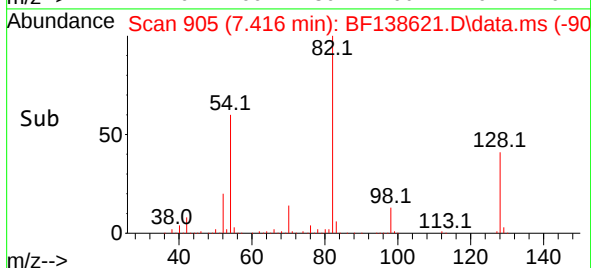
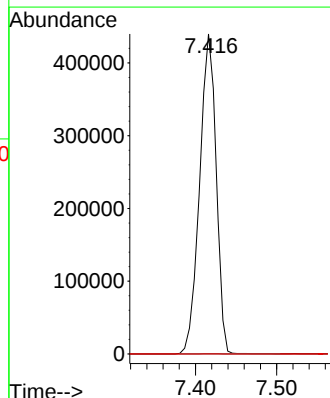
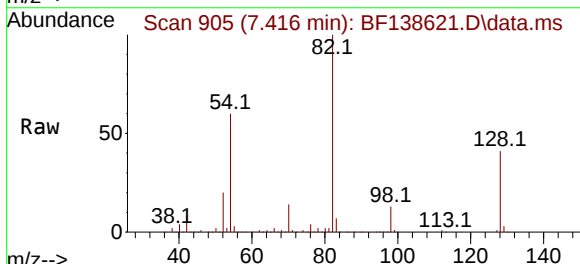
Instrument :
BNA_F
ClientSampleId :
IDW-T1-01

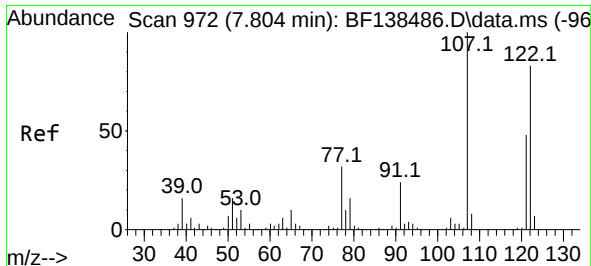
Tgt Ion: 82 Resp: 624185
Ion Ratio Lower Upper
82 100
128 40.9 32.3 48.5
54 60.2 51.4 77.0



#25
Isophorone
Concen: 56.907 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.270 min
Lab File: BF138621.D
Acq: 23 Jul 2024 16:32

Tgt Ion: 82 Resp: 621854
Ion Ratio Lower Upper
82 100
95 0.1 6.0 9.0#
138 0.0 12.8 19.2#

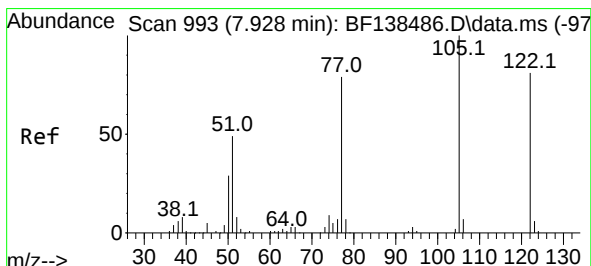
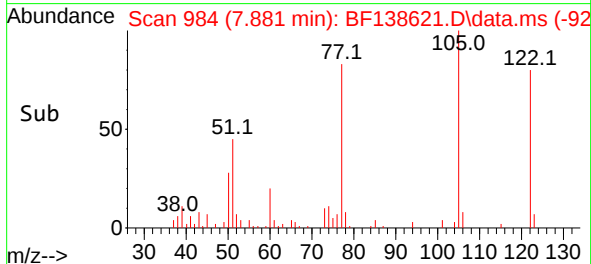
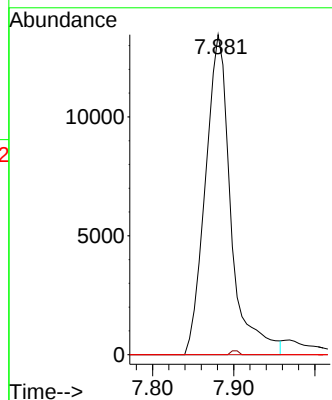
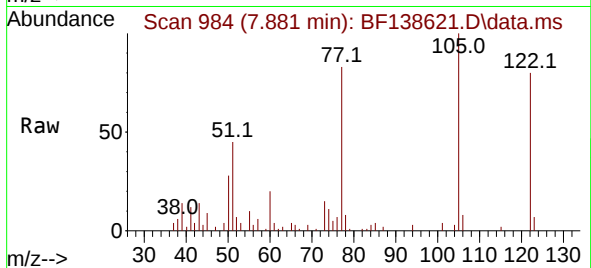




#27
2,4-Dimethylphenol
Concen: 8.624 ng
RT: 7.881 min Scan# 91
Delta R.T. 0.077 min
Lab File: BF138621.D
Acq: 23 Jul 2024 16:32

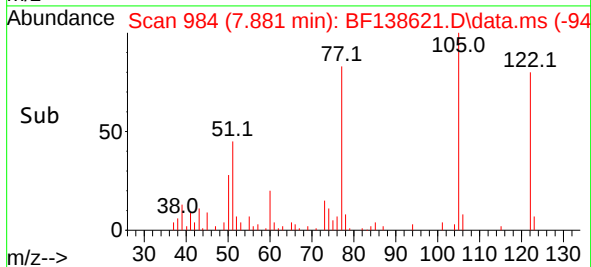
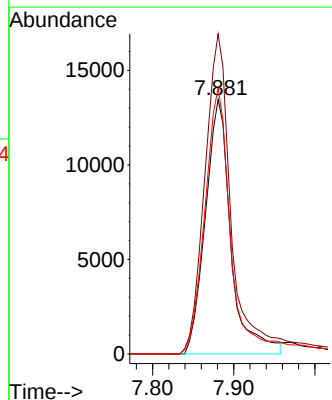
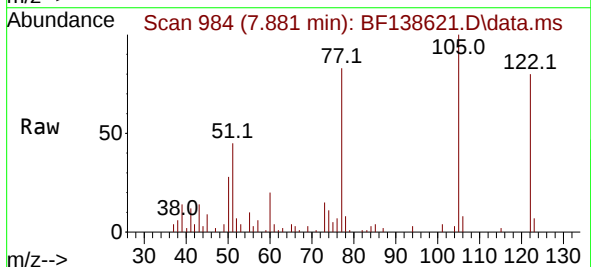
Instrument :
BNA_F
ClientSampleId :
IDW-T1-01

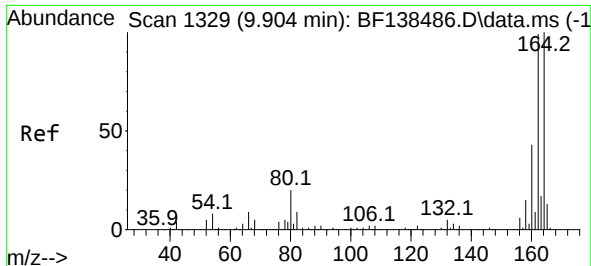
Tgt Ion:122 Resp: 29376
Ion Ratio Lower Upper
122 100
107 0.0 96.3 144.5#
121 0.0 46.7 70.1#



#32
Benzoic acid
Concen: 9.042 ng
RT: 7.881 min Scan# 984
Delta R.T. -0.047 min
Lab File: BF138621.D
Acq: 23 Jul 2024 16:32

Tgt Ion:122 Resp: 29376
Ion Ratio Lower Upper
122 100
105 125.8 101.5 141.5
77 104.5 77.3 117.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1

Delta R.T. -0.017 min

Lab File: BF138621.D

Acq: 23 Jul 2024 16:32

Instrument :

BNA_F

ClientSampleId :

IDW-T1-01

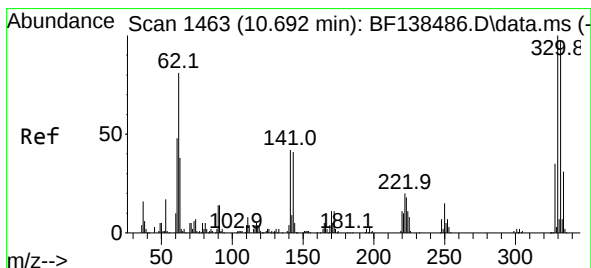
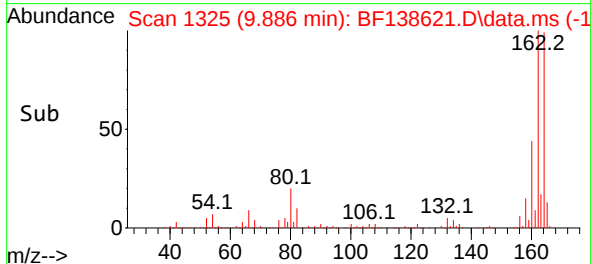
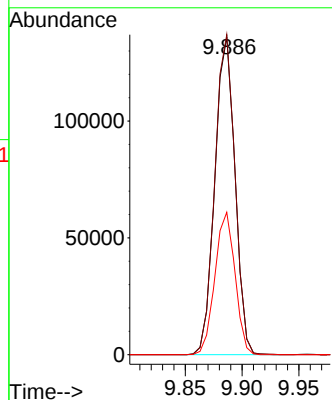
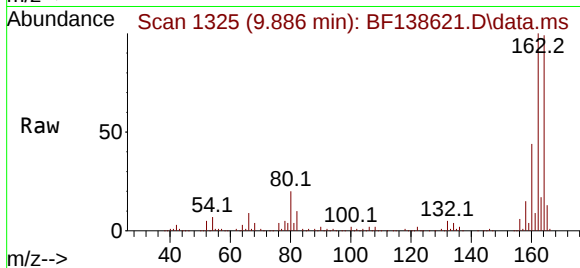
Tgt Ion:164 Resp: 167652

Ion Ratio Lower Upper

164 100

162 100.8 79.0 118.6

160 44.8 34.4 51.6



#42

2,4,6-Tribromophenol

Concen: 135.041 ng

RT: 10.675 min Scan# 1459

Delta R.T. -0.017 min

Lab File: BF138621.D

Acq: 23 Jul 2024 16:32

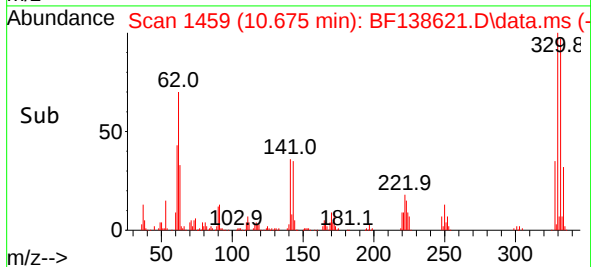
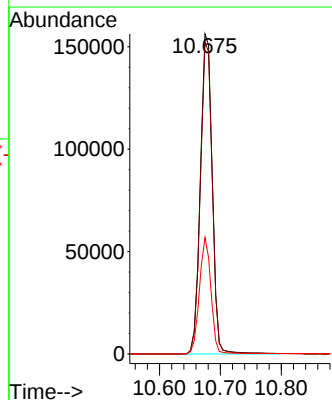
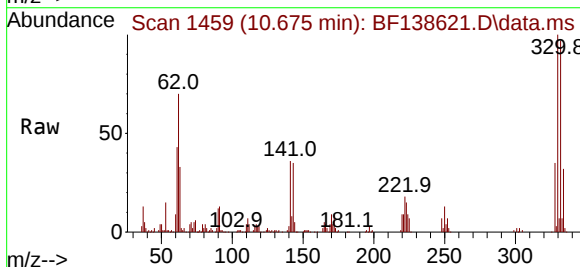
Tgt Ion:330 Resp: 211592

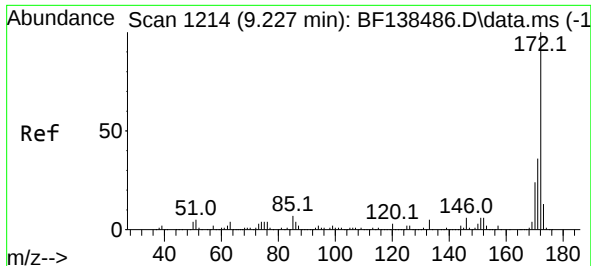
Ion Ratio Lower Upper

330 100

332 96.9 76.8 115.2

141 35.5 29.4 44.2





#45

2-Fluorobiphenyl

Concen: 95.009 ng

RT: 9.210 min Scan# 1

Delta R.T. -0.017 min

Lab File: BF138621.D

Acq: 23 Jul 2024 16:32

Instrument :

BNA_F

ClientSampleId :

IDW-T1-01

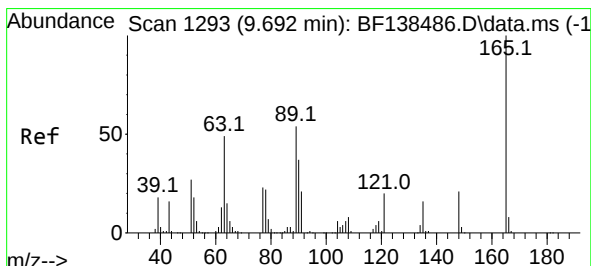
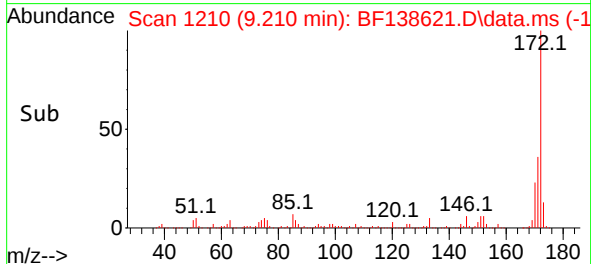
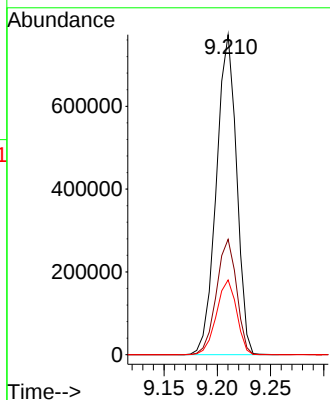
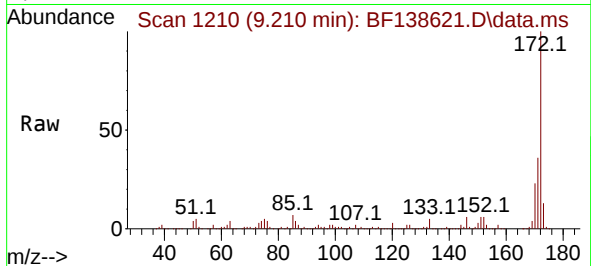
Tgt Ion:172 Resp: 1019161

Ion Ratio Lower Upper

172 100

171 36.1 28.9 43.3

170 23.3 18.9 28.3



#51

2,6-Dinitrotoluene

Concen: 8.772 ng

RT: 9.886 min Scan# 1325

Delta R.T. 0.194 min

Lab File: BF138621.D

Acq: 23 Jul 2024 16:32

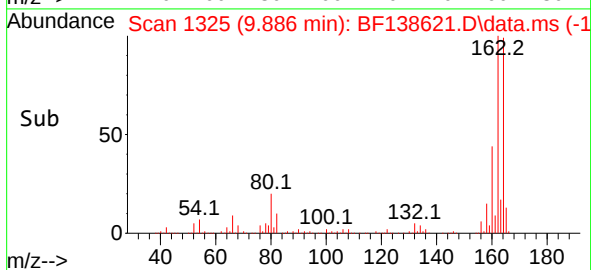
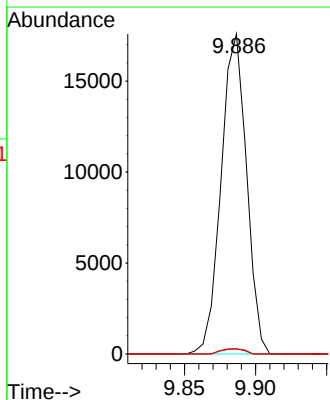
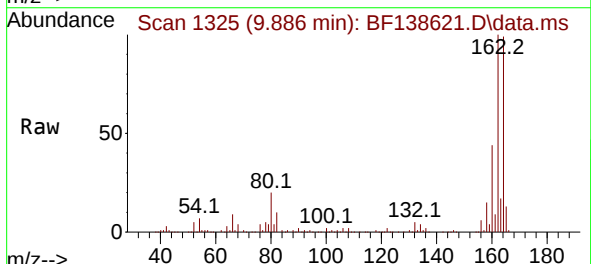
Tgt Ion:165 Resp: 21896

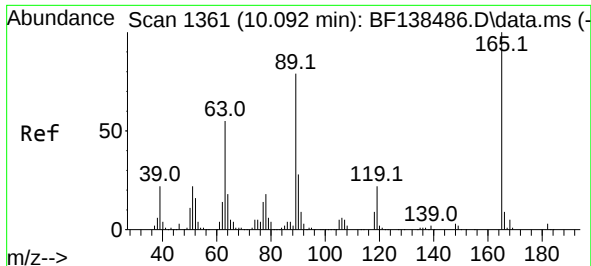
Ion Ratio Lower Upper

165 100

63 1.6 48.1 72.1#

89 1.6 43.0 64.6#

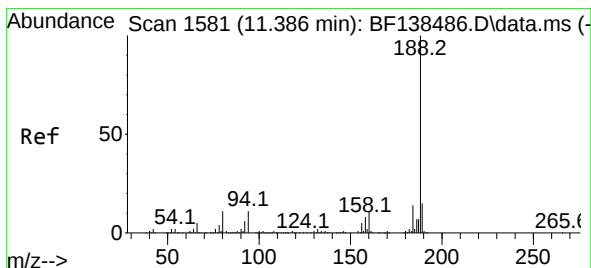
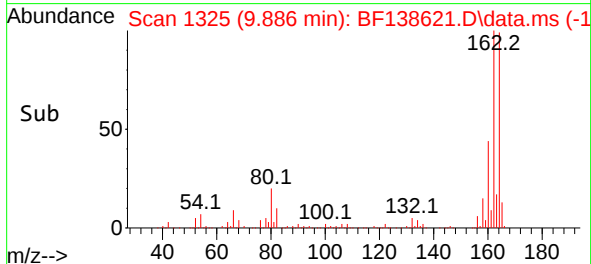
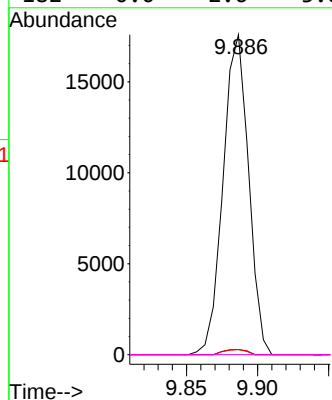
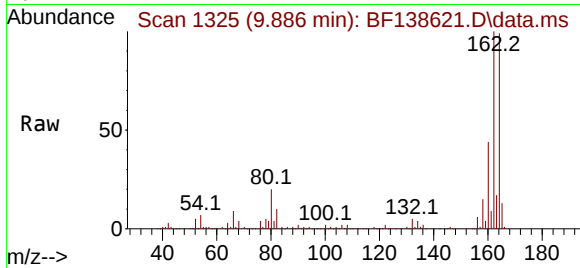




#57
2,4-Dinitrotoluene
Concen: 6.780 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF138621.D
Acq: 23 Jul 2024 16:32

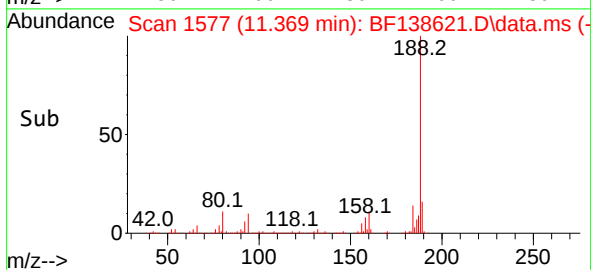
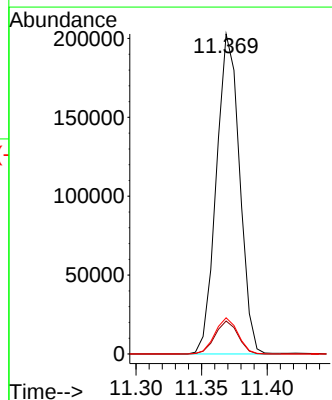
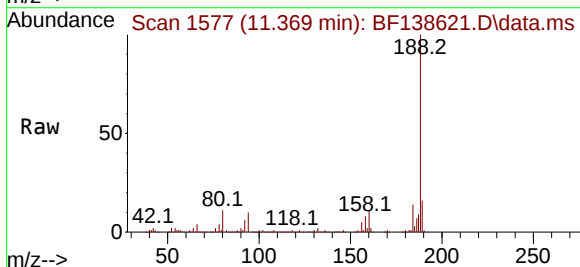
Instrument :
BNA_F
ClientSampleId :
IDW-T1-01

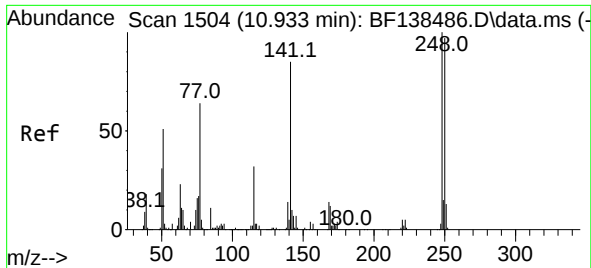
Tgt Ion:165 Resp: 21896
Ion Ratio Lower Upper
165 100
63 1.6 44.6 66.8#
89 1.6 63.4 95.2#
182 0.0 2.6 3.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1577
Delta R.T. -0.017 min
Lab File: BF138621.D
Acq: 23 Jul 2024 16:32

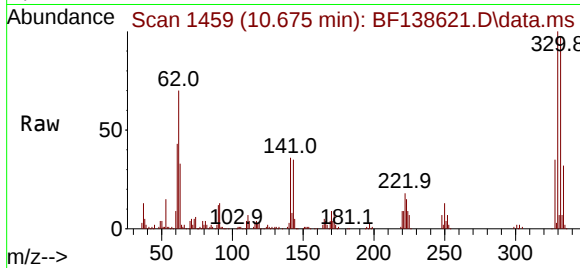
Tgt Ion:188 Resp: 250026
Ion Ratio Lower Upper
188 100
94 10.3 8.7 13.1
80 11.3 9.0 13.4



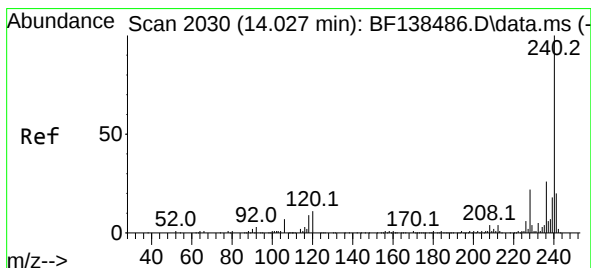
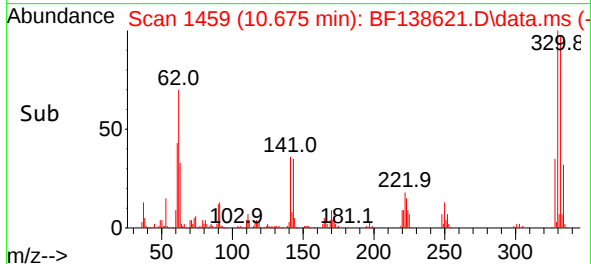
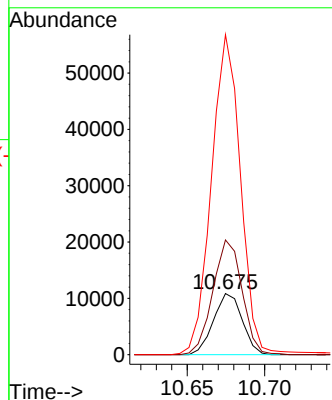


#67
4-Bromophenyl-phenylether
Concen: 5.444 ng
RT: 10.675 min Scan# 14
Delta R.T. -0.259 min
Lab File: BF138621.D
Acq: 23 Jul 2024 16:32

Instrument :
BNA_F
ClientSampleId :
IDW-T1-01

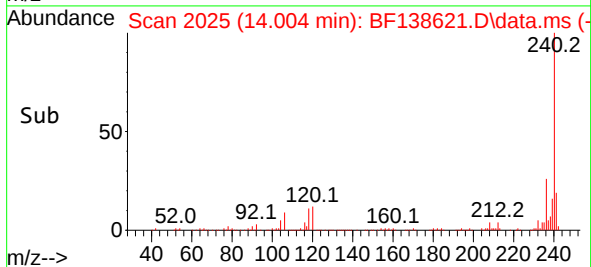
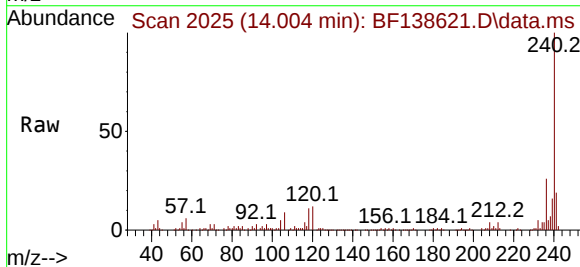
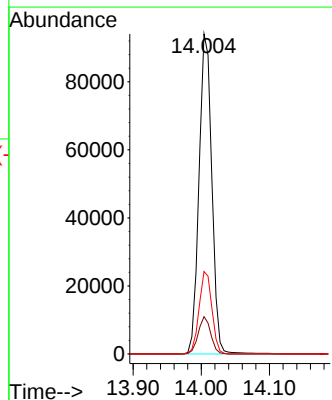


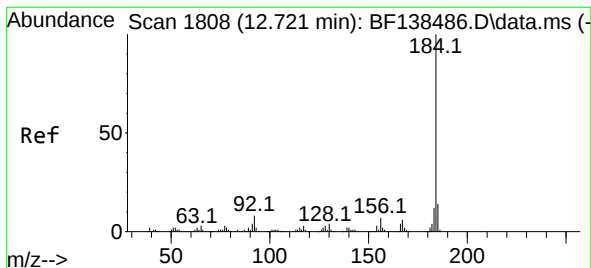
Tgt Ion:248 Resp: 13989
Ion Ratio Lower Upper
248 100
250 187.7 77.9 116.9#
141 523.5 67.7 101.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2025
Delta R.T. -0.023 min
Lab File: BF138621.D
Acq: 23 Jul 2024 16:32

Tgt Ion:240 Resp: 122770
Ion Ratio Lower Upper
240 100
120 11.6 8.6 12.8
236 25.8 21.0 31.6





#77

Benzidine

Concen: 2.989 ng

RT: 12.957 min Scan# 1847

Delta R.T. 0.236 min

Lab File: BF138621.D

Acq: 23 Jul 2024 16:32

Instrument :

BNA_F

ClientSampleId :

IDW-T1-01

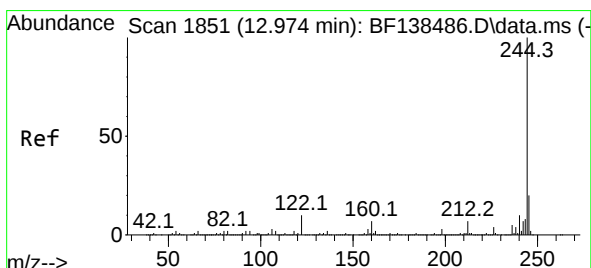
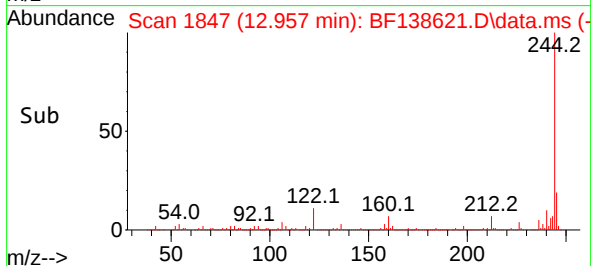
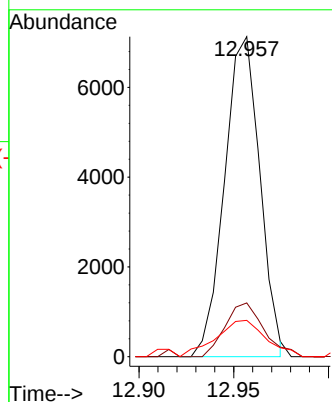
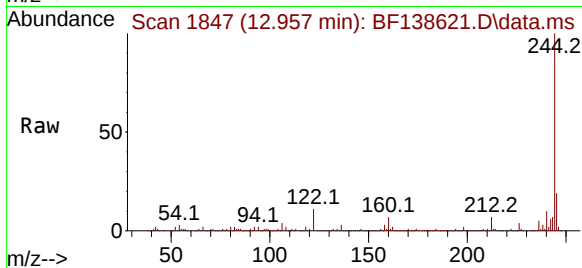
Tgt Ion:184 Resp: 9258

Ion Ratio Lower Upper

184 100

185 16.8 11.3 16.9

183 11.3 9.5 14.3



#79

Terphenyl-d14

Concen: 84.279 ng

RT: 12.957 min Scan# 1847

Delta R.T. -0.017 min

Lab File: BF138621.D

Acq: 23 Jul 2024 16:32

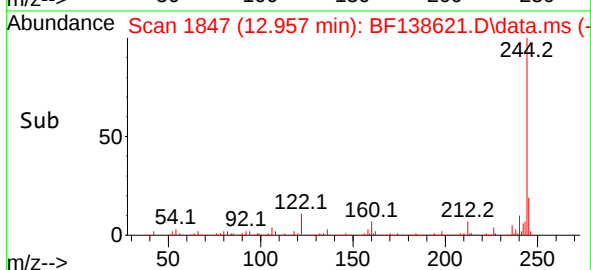
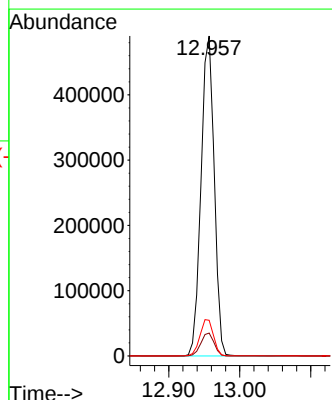
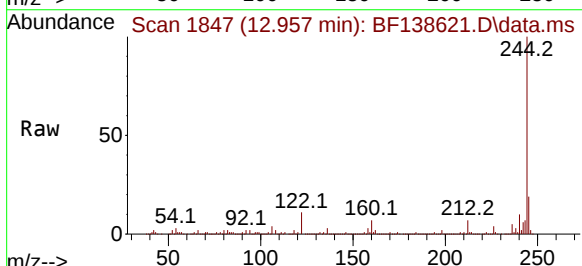
Tgt Ion:244 Resp: 635123

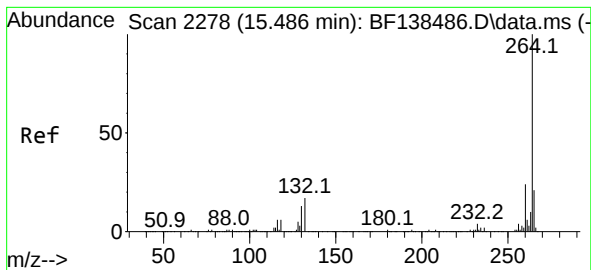
Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

122 11.2 7.8 11.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 21
 Delta R.T. -0.017 min
 Lab File: BF138621.D
 Acq: 23 Jul 2024 16:32

Instrument :
 BNA_F
 ClientSampleId :
 IDW-T1-01

Tgt Ion:264 Resp: 135027
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.0 28.6
 265 21.4 17.0 25.4

