

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071224\
 Data File : BF138548.D
 Acq On : 12 Jul 2024 16:03
 Operator : CG\JU
 Sample : P3193-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FILL-MATERIAL-2

Quant Time: Jul 12 16:48:12 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)

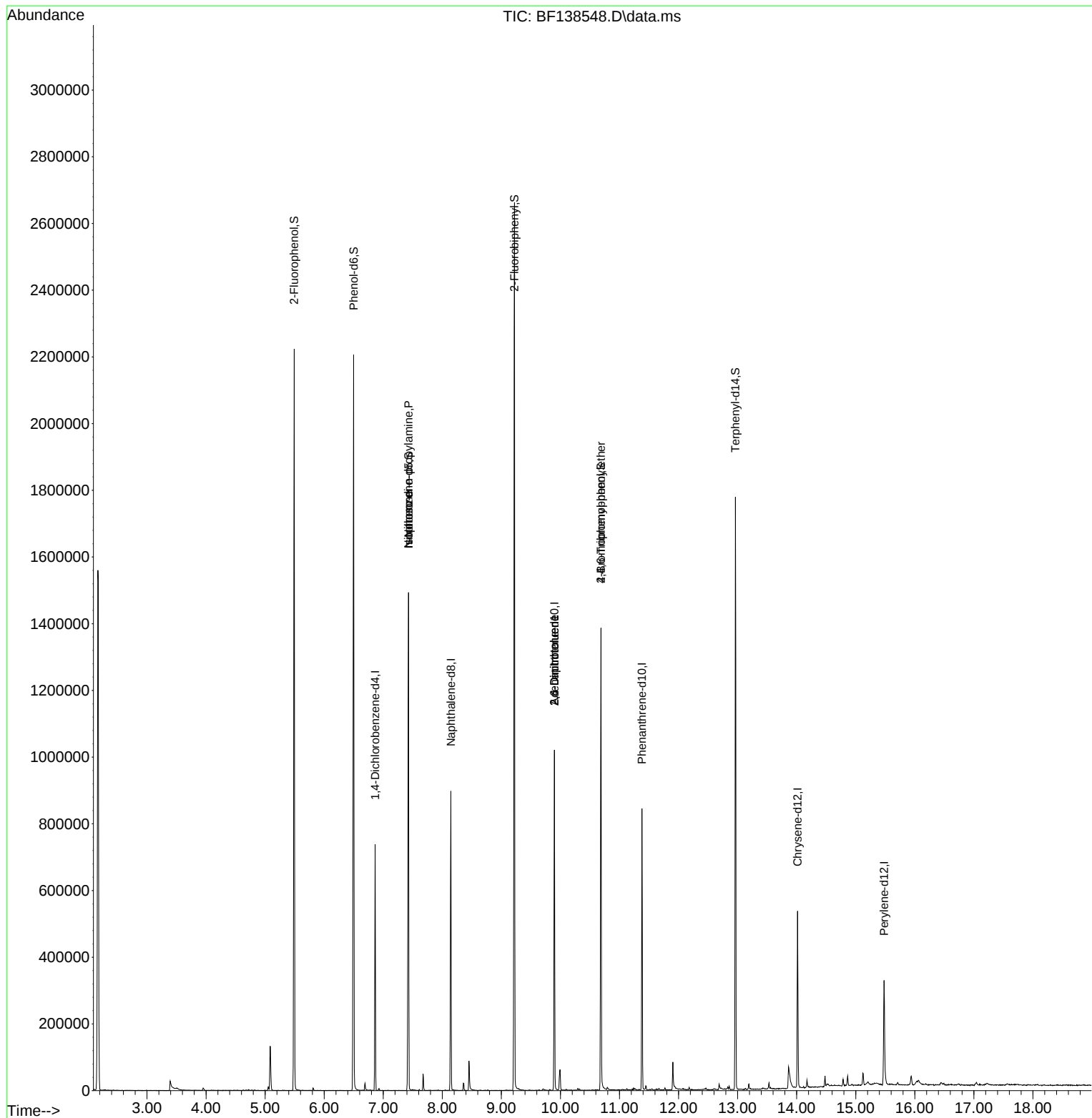
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	87621	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	345695	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	190175	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	274675	20.000	ng	0.00
76) Chrysene-d12	14.015	240	163872	20.000	ng	-0.01
86) Perylene-d12	15.480	264	141828	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	498954	90.186	ng	0.00
7) Phenol-d6	6.498	99	661671	89.903	ng	0.00
23) Nitrobenzene-d5	7.428	82	434904	61.768	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	140396	78.991	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	790783	64.989	ng	0.00
79) Terphenyl-d14	12.963	244	563854	56.055	ng	-0.01
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.428	70	57401	12.622	ng	# 73
25) Isophorone	7.428	82	434894	35.967	ng	# 67
51) 2,6-Dinitrotoluene	9.898	165	23881	8.434	ng	# 24
57) 2,4-Dinitrotoluene	9.898	165	23881	6.519	ng	# 19
67) 4-Bromophenyl-phenylether	10.686	248	9471	3.355	ng	# 1

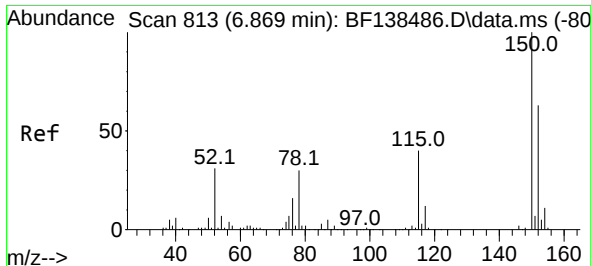
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071224\
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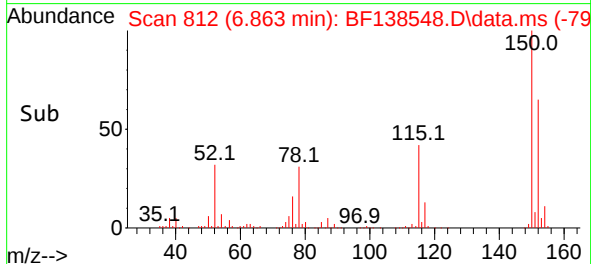
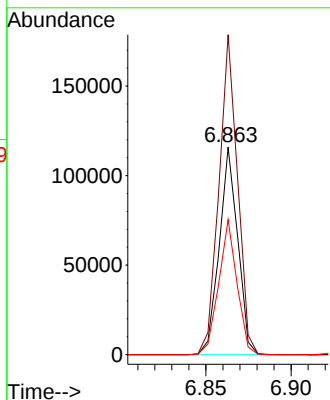
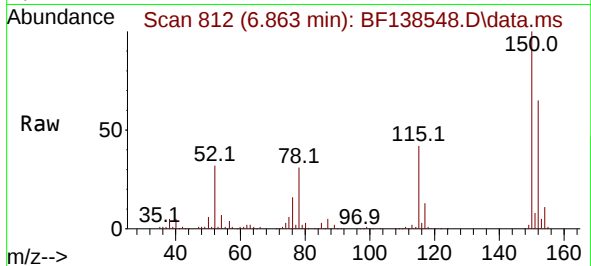




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF138548.D
Acq: 12 Jul 2024 16:03

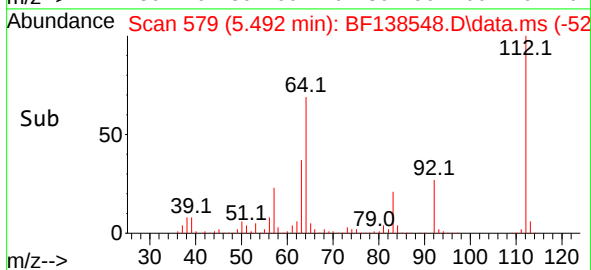
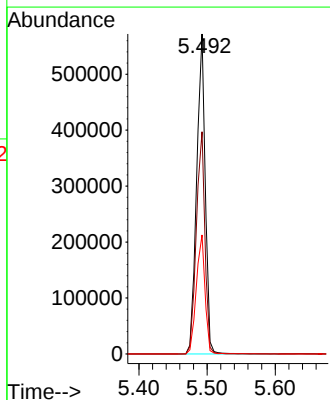
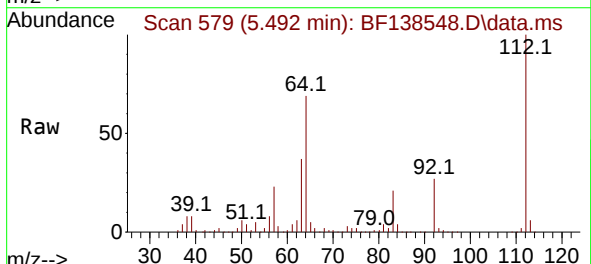
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-2

Tgt Ion:152 Resp: 87621
Ion Ratio Lower Upper
152 100
150 154.2 126.2 189.4
115 65.1 50.3 75.5



#5
2-Fluorophenol
Concen: 90.186 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF138548.D
Acq: 12 Jul 2024 16:03

Tgt Ion:112 Resp: 498954
Ion Ratio Lower Upper
112 100
64 69.5 55.1 82.7
63 37.2 29.0 43.6

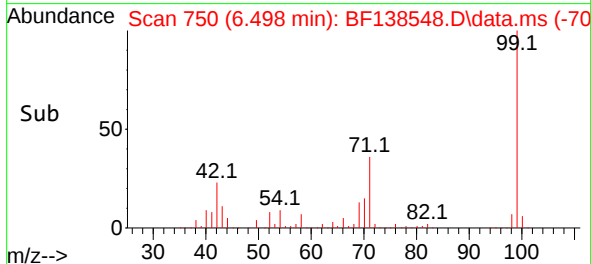
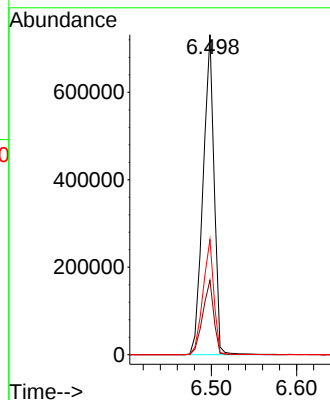
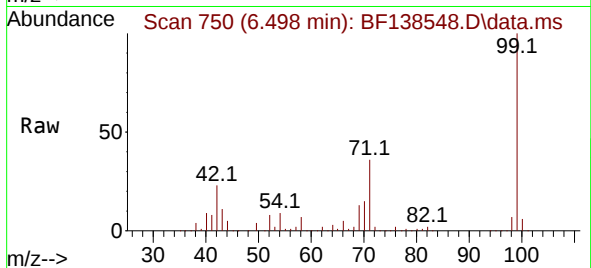




#7
Phenol-d6
Concen: 89.903 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138548.D
Acq: 12 Jul 2024 16:03

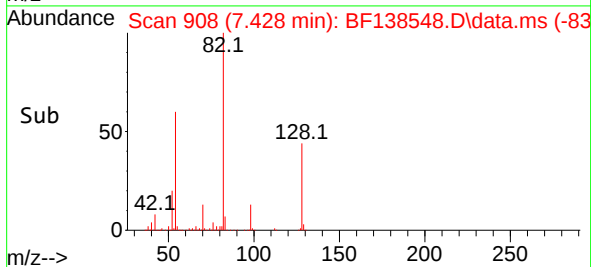
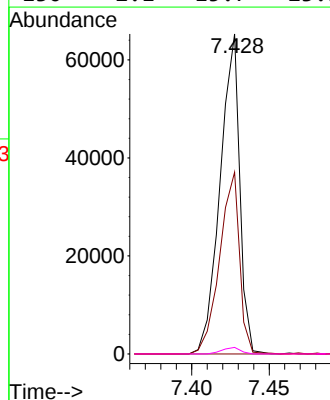
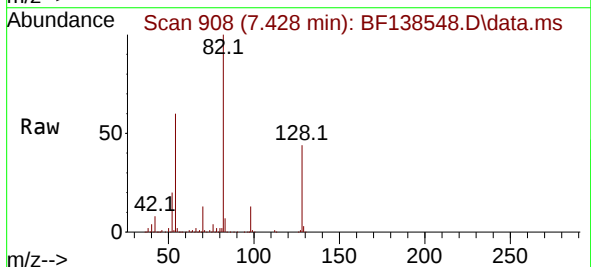
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BNA_F
ClientSampleId :
FILL-MATERIAL-2

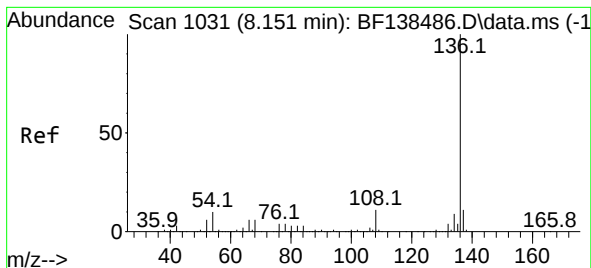
Tgt Ion: 99 Resp: 661671
Ion Ratio Lower Upper
99 100
42 23.2 19.7 29.5
71 36.0 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 12.622 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF138548.D
Acq: 12 Jul 2024 16:03

Tgt Ion: 70 Resp: 57401
Ion Ratio Lower Upper
70 100
42 56.8 62.4 93.6#
101 0.0 7.2 10.8#
130 2.1 15.7 23.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.145 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138548.D

Acq: 12 Jul 2024 16:03

Instrument :

BNA_F

ClientSampleId :

FILL-MATERIAL-2

Tgt Ion:136 Resp: 345695

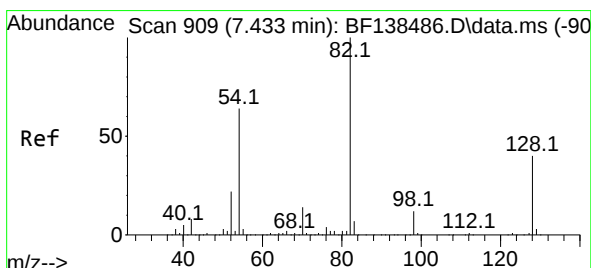
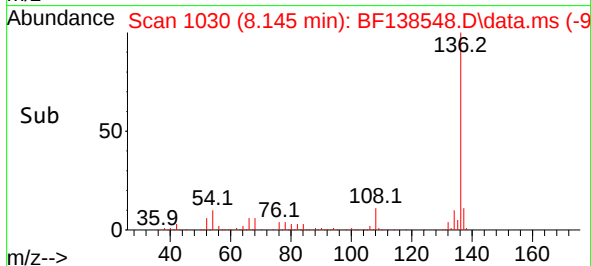
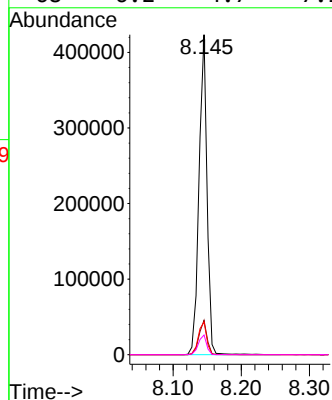
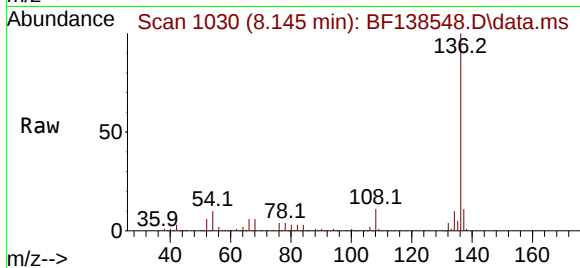
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 10.2 8.1 12.1

68 6.2 4.7 7.1



#23

Nitrobenzene-d5

Concen: 61.768 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF138548.D

Acq: 12 Jul 2024 16:03

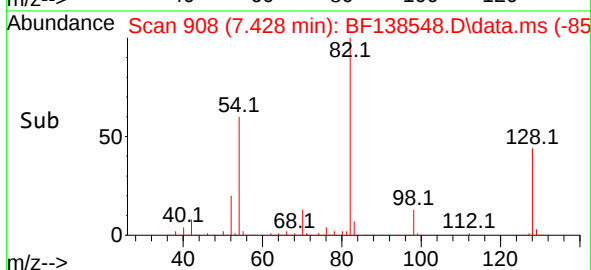
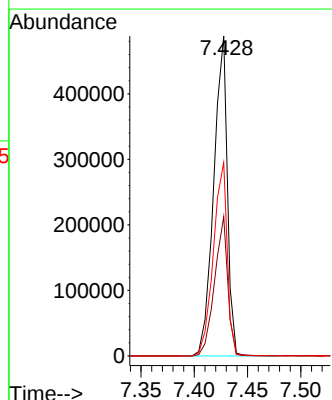
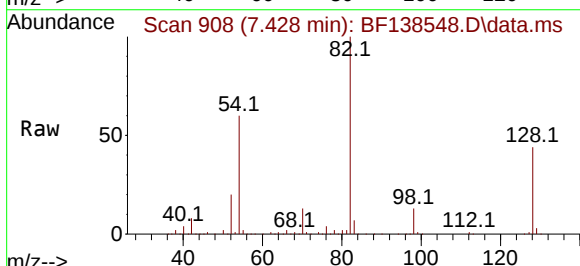
Tgt Ion: 82 Resp: 434904

Ion Ratio Lower Upper

82 100

128 43.5 32.3 48.5

54 60.4 51.4 77.0

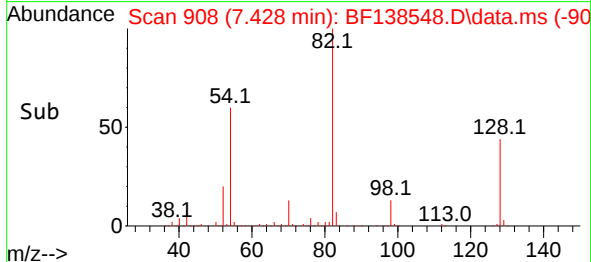
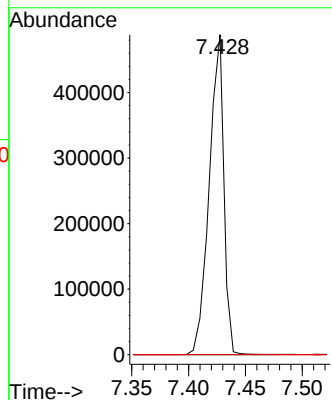
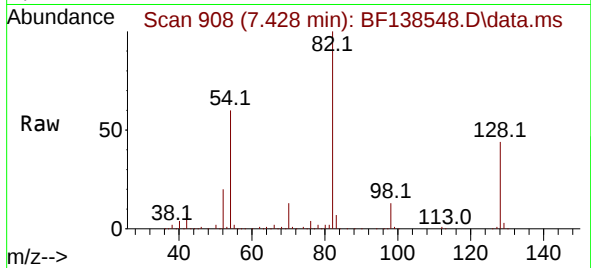




#25
Isophorone
Concen: 35.967 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF138548.D
Acq: 12 Jul 2024 16:03

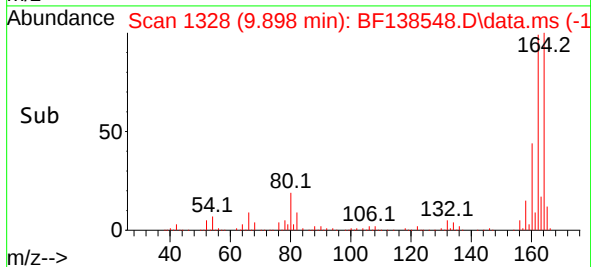
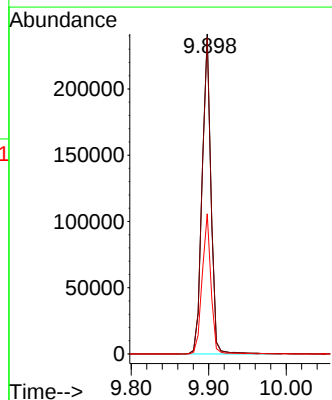
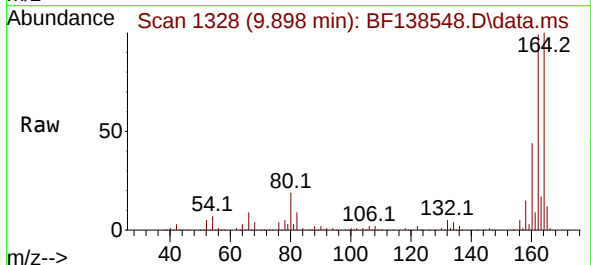
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-2

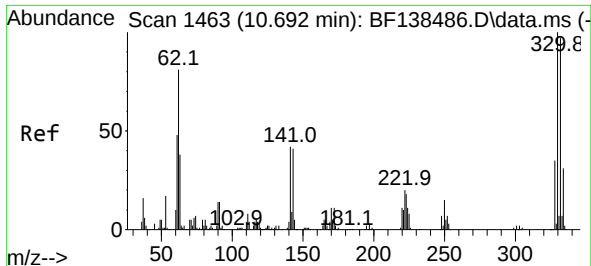
Tgt Ion: 82 Resp: 434894
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF138548.D
Acq: 12 Jul 2024 16:03

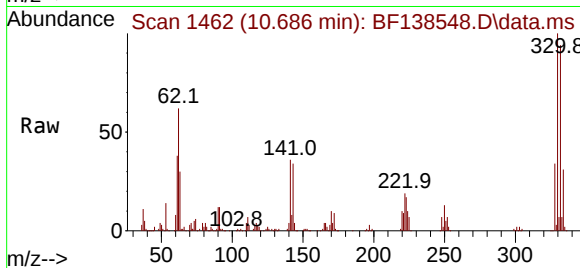
Tgt Ion: 164 Resp: 190175
Ion Ratio Lower Upper
164 100
162 99.0 79.0 118.6
160 43.8 34.4 51.6



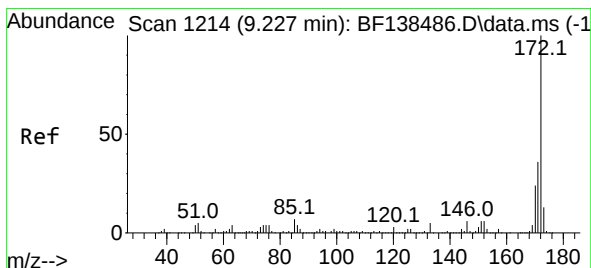
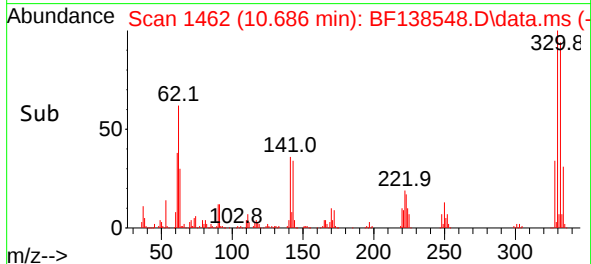
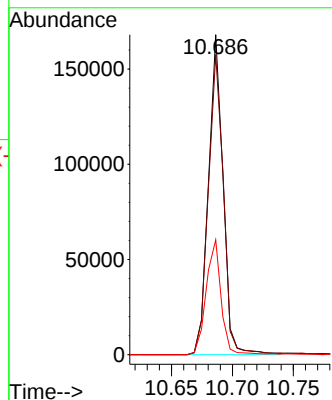


#42
2,4,6-Tribromophenol
Concen: 78.991 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF138548.D
Acq: 12 Jul 2024 16:03

Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-2

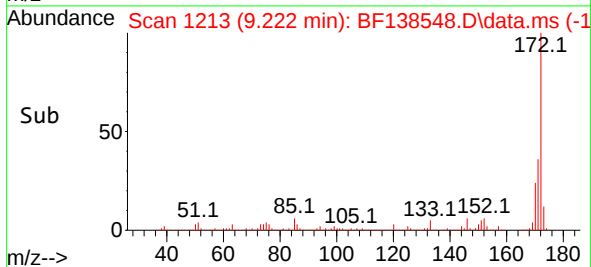
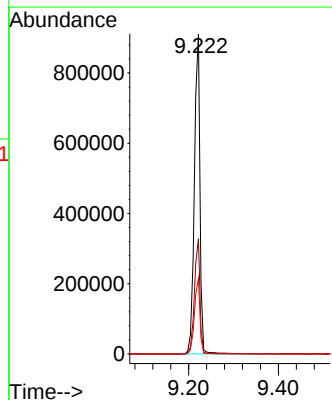
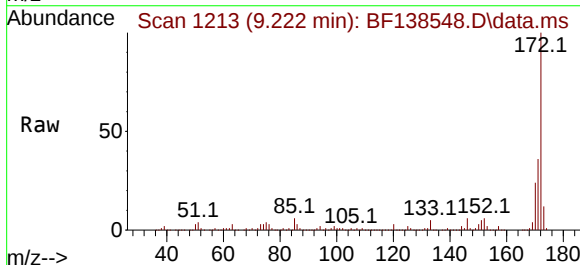


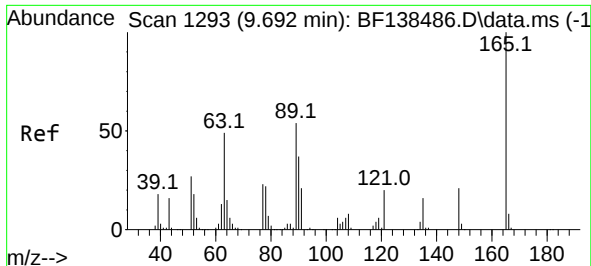
Tgt Ion:330 Resp: 140396
Ion Ratio Lower Upper
330 100
332 97.7 76.8 115.2
141 37.2 29.4 44.2



#45
2-Fluorobiphenyl
Concen: 64.989 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF138548.D
Acq: 12 Jul 2024 16:03

Tgt Ion:172 Resp: 790783
Ion Ratio Lower Upper
172 100
171 36.0 28.9 43.3
170 23.6 18.9 28.3

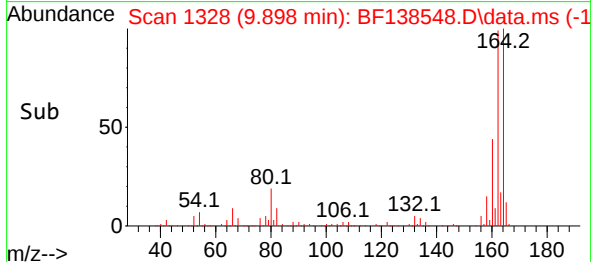
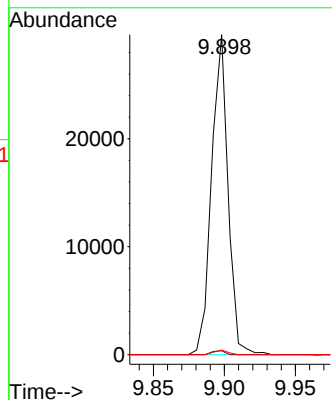
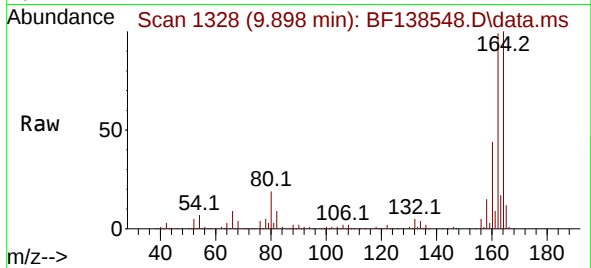




#51
2,6-Dinitrotoluene
Concen: 8.434 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF138548.D
Acq: 12 Jul 2024 16:03

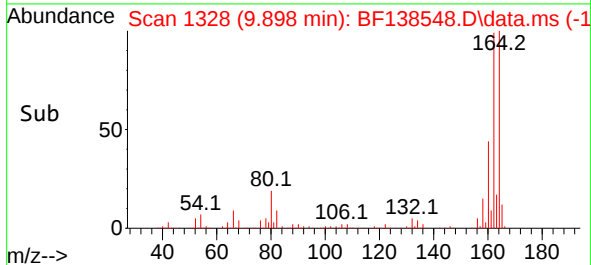
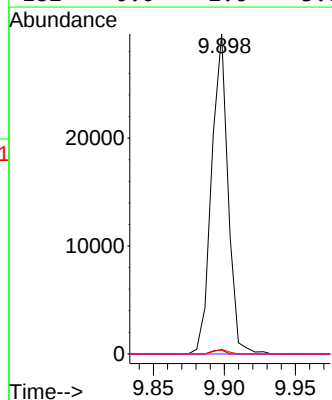
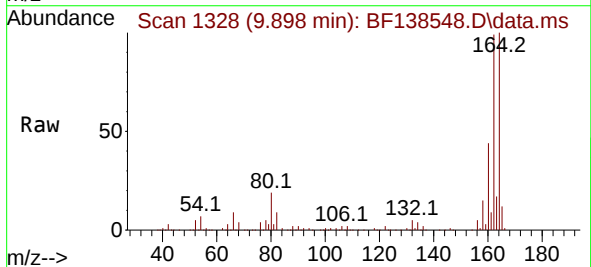
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-2

Tgt Ion:165 Resp: 23881
Ion Ratio Lower Upper
165 100
63 1.2 48.1 72.1#
89 1.4 43.0 64.6#



#57
2,4-Dinitrotoluene
Concen: 6.519 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF138548.D
Acq: 12 Jul 2024 16:03

Tgt Ion:165 Resp: 23881
Ion Ratio Lower Upper
165 100
63 1.2 44.6 66.8#
89 1.4 63.4 95.2#
182 0.0 2.6 3.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138548.D

Acq: 12 Jul 2024 16:03

Instrument :

BNA_F

ClientSampleId :

FILL-MATERIAL-2

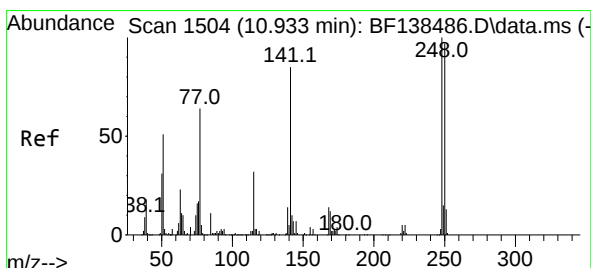
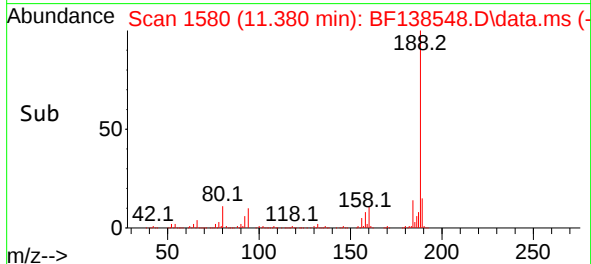
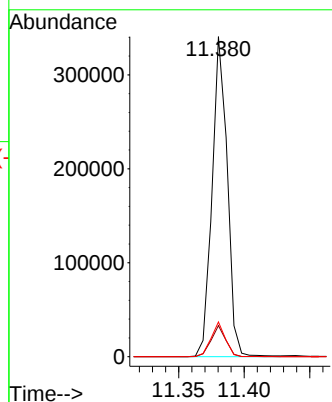
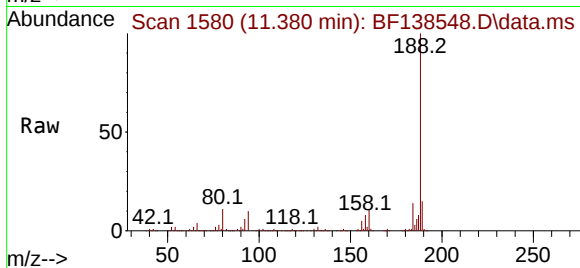
Tgt Ion:188 Resp: 274675

Ion Ratio Lower Upper

188 100

94 9.7 8.7 13.1

80 10.9 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 3.355 ng

RT: 10.686 min Scan# 1462

Delta R.T. -0.247 min

Lab File: BF138548.D

Acq: 12 Jul 2024 16:03

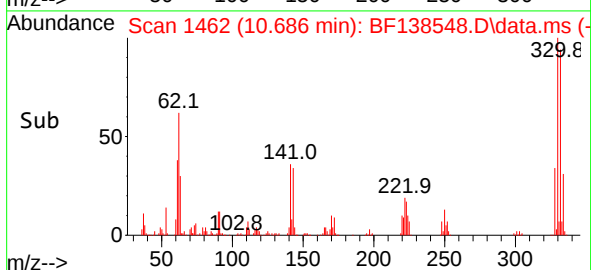
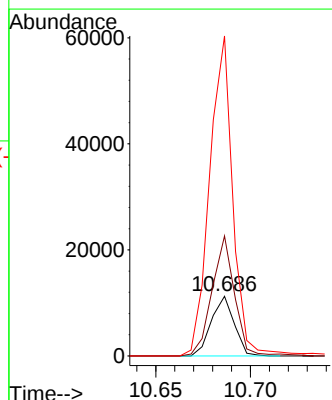
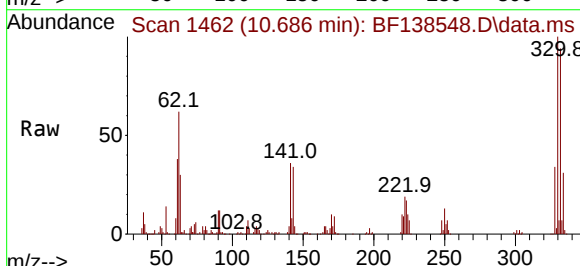
Tgt Ion:248 Resp: 9471

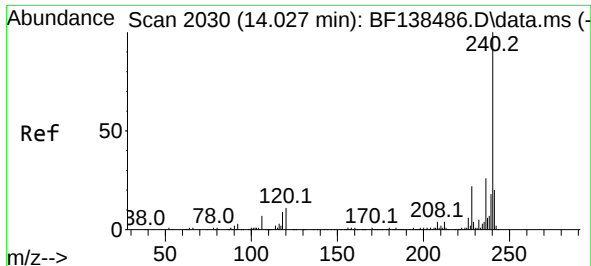
Ion Ratio Lower Upper

248 100

250 201.0 77.9 116.9#

141 536.1 67.7 101.5#

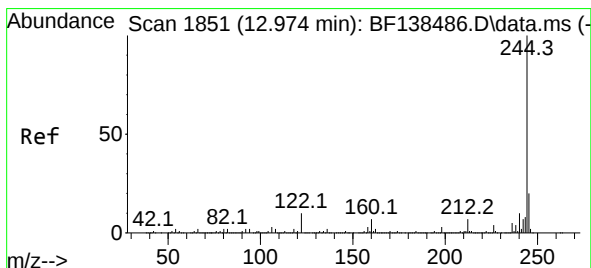
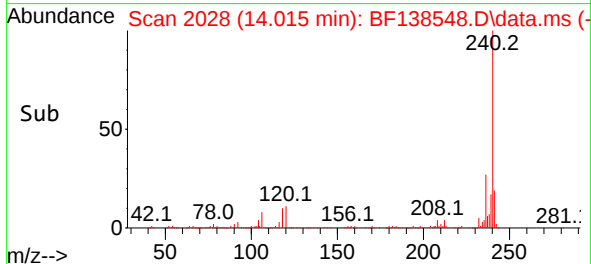
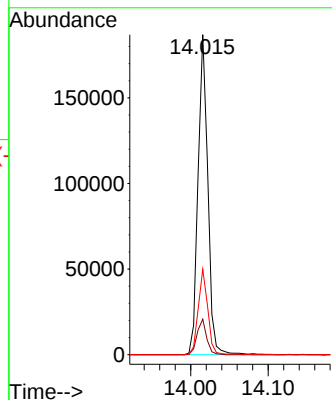
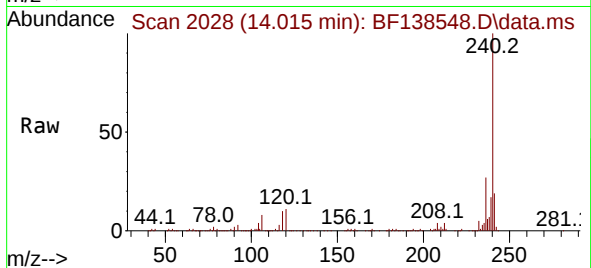




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF138548.D
Acq: 12 Jul 2024 16:03

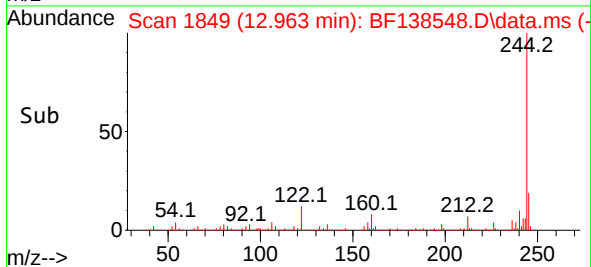
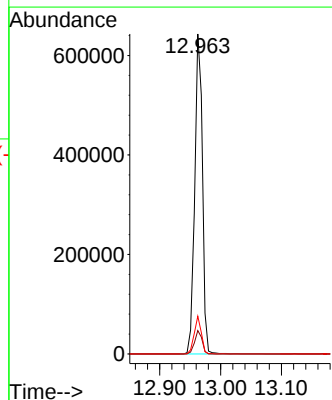
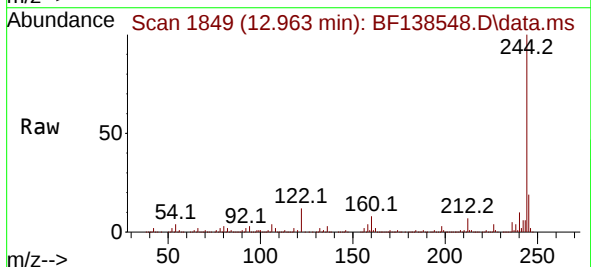
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-2

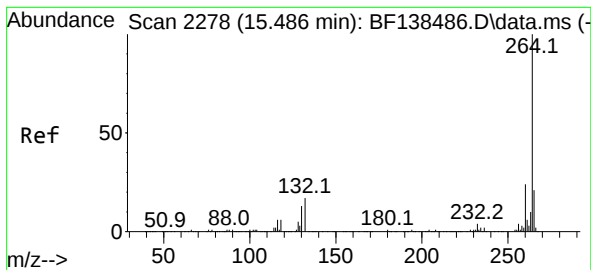
Tgt Ion:240 Resp: 163872
Ion Ratio Lower Upper
240 100
120 11.1 8.6 12.8
236 26.7 21.0 31.6



#79
Terphenyl-d14
Concen: 56.055 ng
RT: 12.963 min Scan# 1849
Delta R.T. -0.012 min
Lab File: BF138548.D
Acq: 12 Jul 2024 16:03

Tgt Ion:244 Resp: 563854
Ion Ratio Lower Upper
244 100
212 7.3 5.5 8.3
122 11.8 7.8 11.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.480 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF138548.D

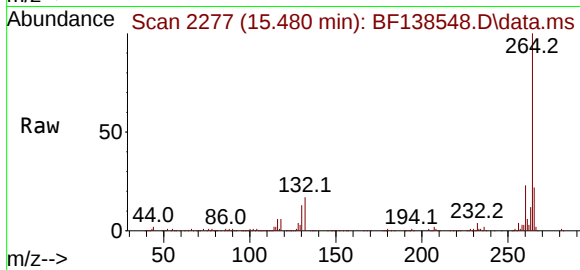
Acq: 12 Jul 2024 16:03

Instrument :

BNA_F

ClientSampleId :

FILL-MATERIAL-2



Tgt Ion:264 Resp: 141828

Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.6

265 21.6 17.0 25.4

