

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072524\
 Data File : BF138650.D
 Acq On : 25 Jul 2024 13:31
 Operator : RC/JU
 Sample : PB162271BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162271BL

Quant Time: Jul 25 13:53:00 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)

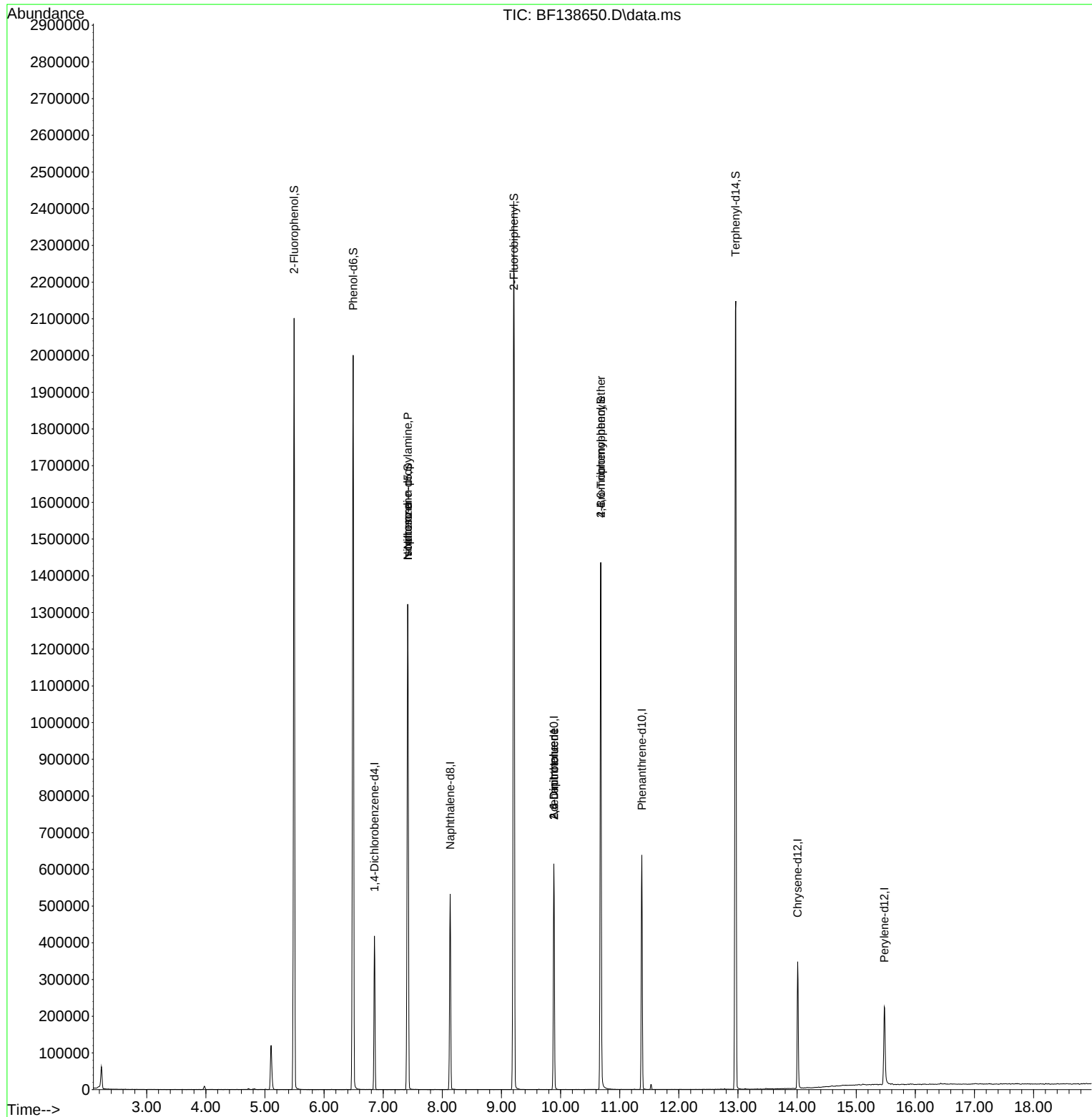
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	80158	20.000	ng	-0.02
21) Naphthalene-d8	8.134	136	332361	20.000	ng	-0.02
39) Acenaphthene-d10	9.886	164	183022	20.000	ng	-0.02
64) Phenanthrene-d10	11.374	188	321824	20.000	ng	-0.01
76) Chrysene-d12	14.010	240	160524	20.000	ng	-0.02
86) Perylene-d12	15.474	264	141233	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	727284	143.696	ng	0.00
7) Phenol-d6	6.492	99	968330	143.819	ng	-0.01
23) Nitrobenzene-d5	7.416	82	640580	94.629	ng	-0.02
42) 2,4,6-Tribromophenol	10.680	330	238193	139.252	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	1111525	94.918	ng	-0.02
79) Terphenyl-d14	12.963	244	1096611	111.292	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.416	70	86763	20.855	ng	# 71
25) Isophorone	7.416	82	637166	54.809	ng	# 67
51) 2,6-Dinitrotoluene	9.886	165	23346	8.568	ng	# 24
57) 2,4-Dinitrotoluene	9.886	165	23346	6.622	ng	# 19
67) 4-Bromophenyl-phenylether	10.680	248	15887	4.803	ng	# 1

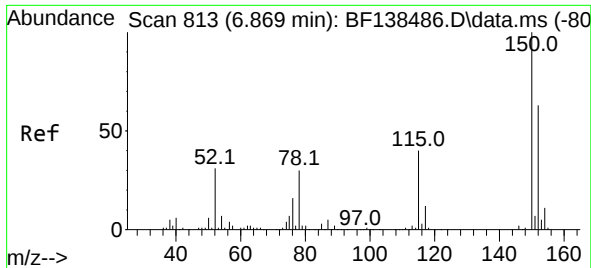
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072524\
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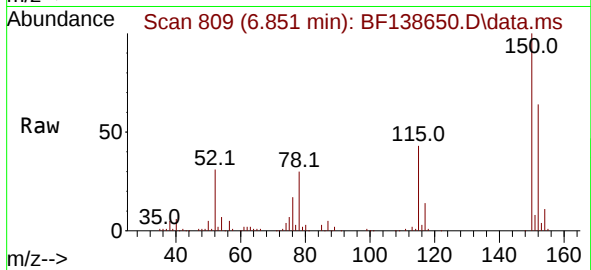
Quant Time: Jul 25 13:53:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 16:58:40 2024
Response via : Initial Calibration



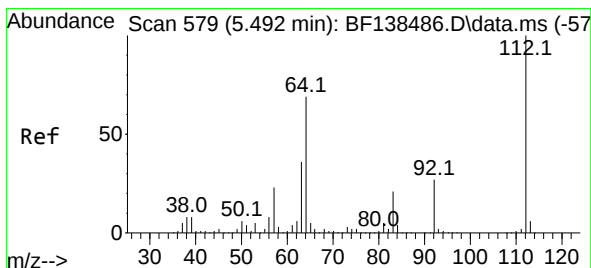
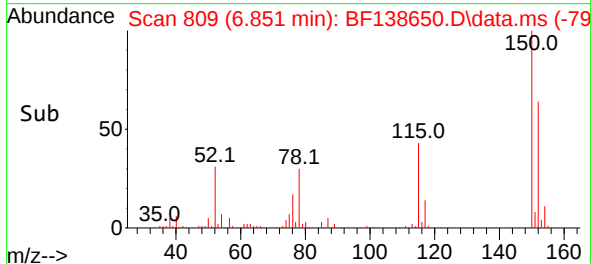
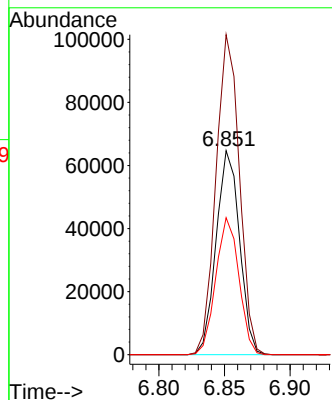


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. -0.018 min
Lab File: BF138650.D
Acq: 25 Jul 2024 13:31

Instrument :
BNA_F
ClientSampleId :
PB162271BL

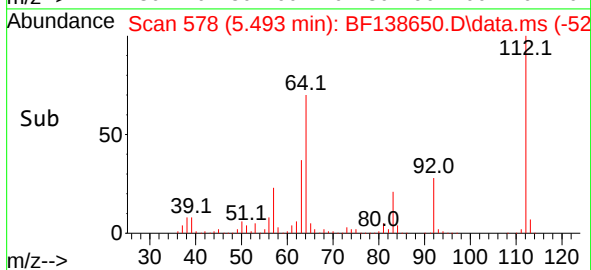
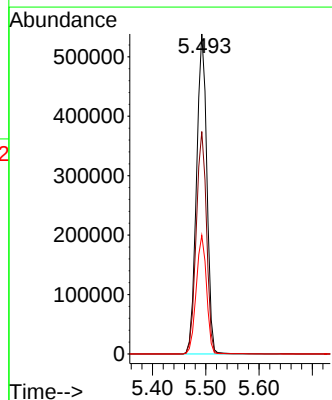
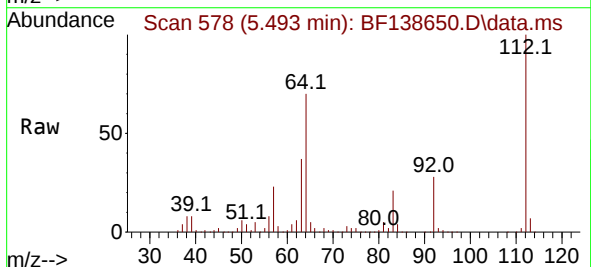


Tgt Ion:152 Resp: 80158
Ion Ratio Lower Upper
152 100
150 156.8 126.2 189.4
115 67.1 50.3 75.5



#5
2-Fluorophenol
Concen: 143.696 ng
RT: 5.493 min Scan# 578
Delta R.T. 0.000 min
Lab File: BF138650.D
Acq: 25 Jul 2024 13:31

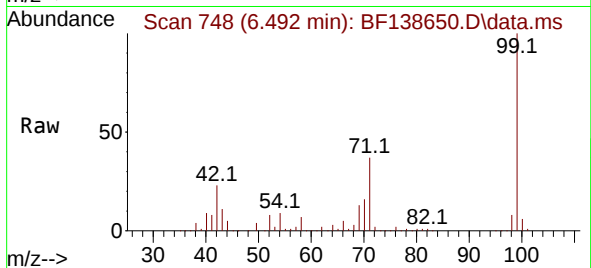
Tgt Ion:112 Resp: 727284
Ion Ratio Lower Upper
112 100
64 69.5 55.1 82.7
63 37.0 29.0 43.6



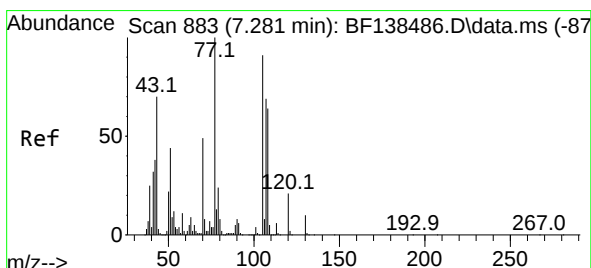
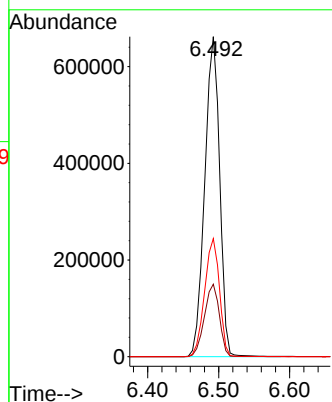
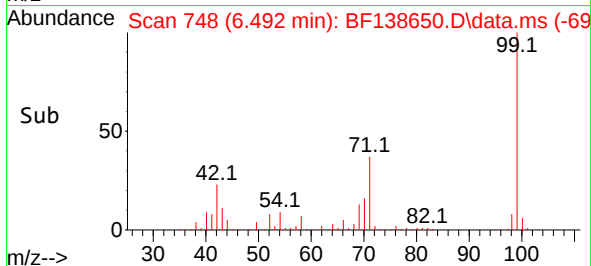


#7
Phenol-d6
Concen: 143.819 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF138650.D
Acq: 25 Jul 2024 13:31

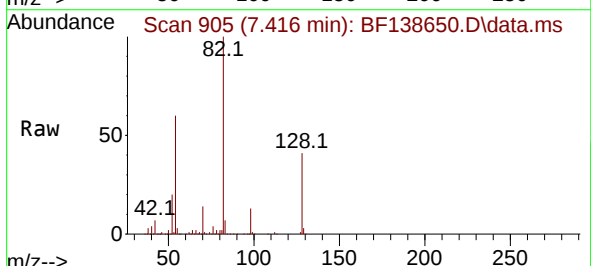
Instrument :
BNA_F
ClientSampleId :
PB162271BL



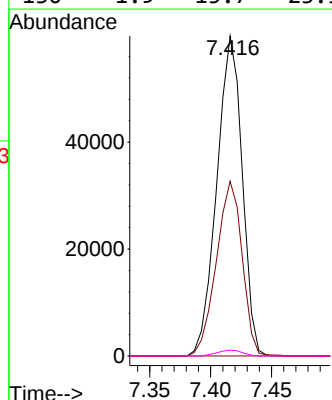
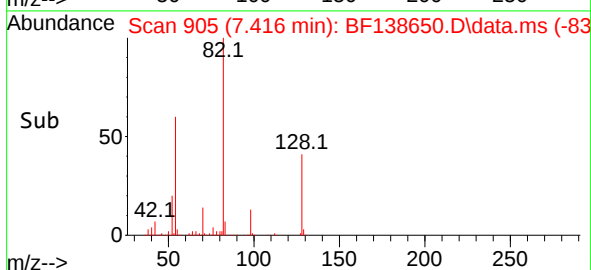
Tgt Ion: 99 Resp: 968330
Ion Ratio Lower Upper
99 100
42 22.6 19.7 29.5
71 36.9 29.9 44.9

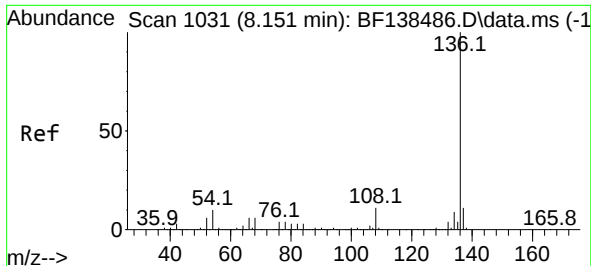


#19
n-Nitroso-di-n-propylamine
Concen: 20.855 ng
RT: 7.416 min Scan# 905
Delta R.T. 0.135 min
Lab File: BF138650.D
Acq: 25 Jul 2024 13:31



Tgt Ion: 70 Resp: 86763
Ion Ratio Lower Upper
70 100
42 54.6 62.4 93.6#
101 0.0 7.2 10.8#
130 1.9 15.7 23.5#

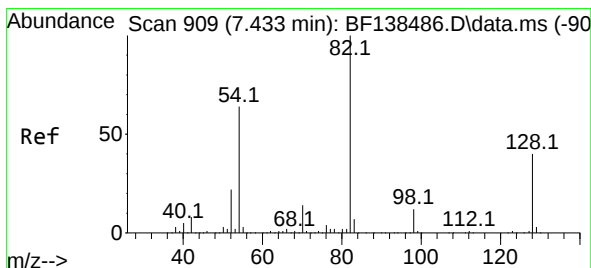
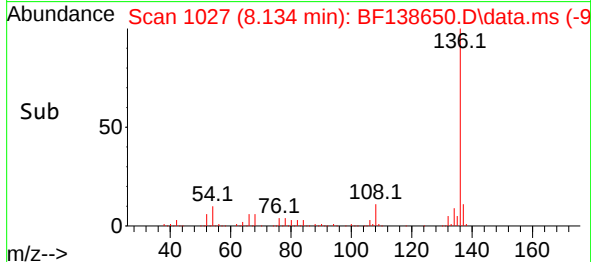
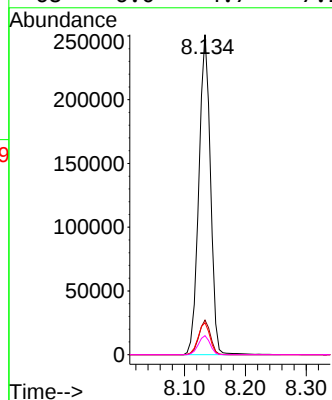
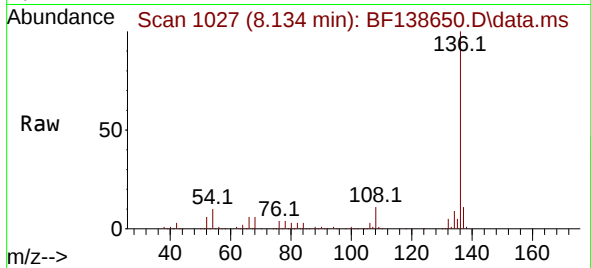




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1031
Delta R.T. -0.018 min
Lab File: BF138650.D
Acq: 25 Jul 2024 13:31

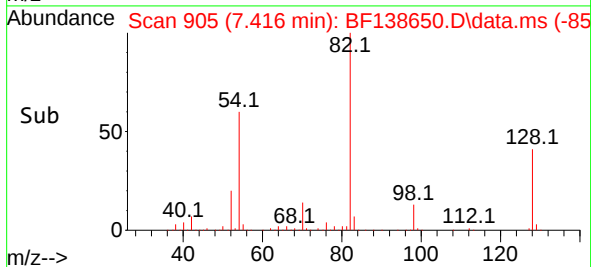
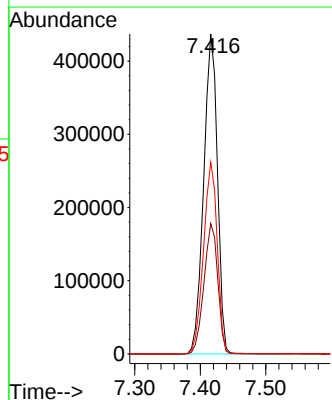
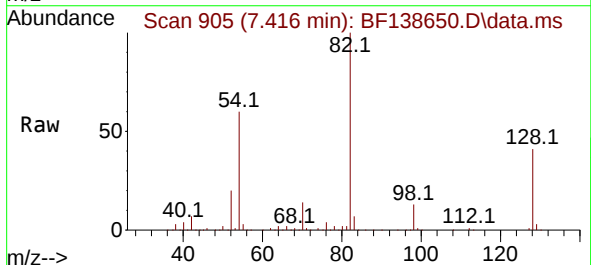
Instrument :
BNA_F
ClientSampleId :
PB162271BL

Tgt Ion:136 Resp: 332361
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 10.0 8.1 12.1
68 6.0 4.7 7.1



#23
Nitrobenzene-d5
Concen: 94.629 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.018 min
Lab File: BF138650.D
Acq: 25 Jul 2024 13:31

Tgt Ion: 82 Resp: 640580
Ion Ratio Lower Upper
82 100
128 40.7 32.3 48.5
54 60.0 51.4 77.0

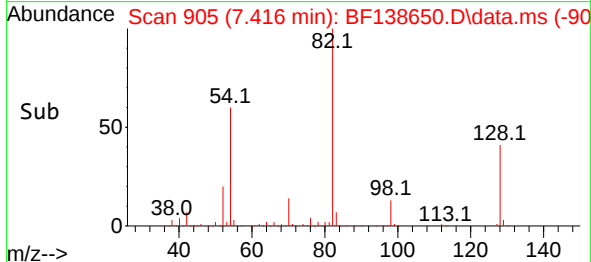
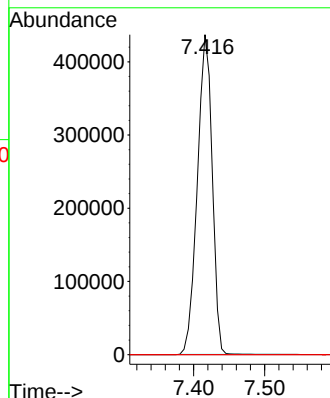
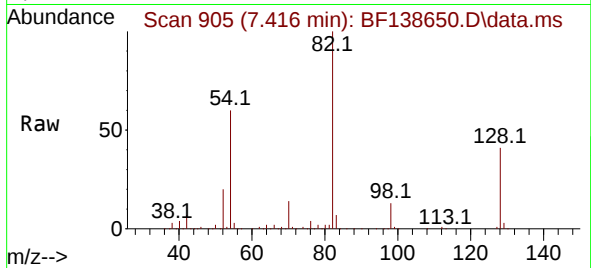




#25
Isophorone
Concen: 54.809 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.270 min
Lab File: BF138650.D
Acq: 25 Jul 2024 13:31

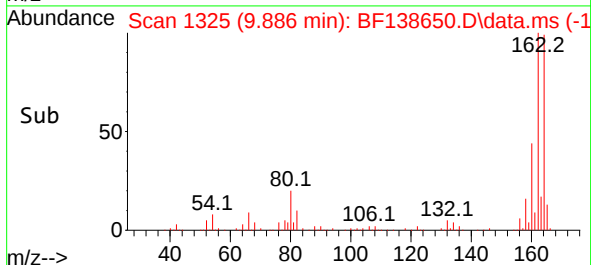
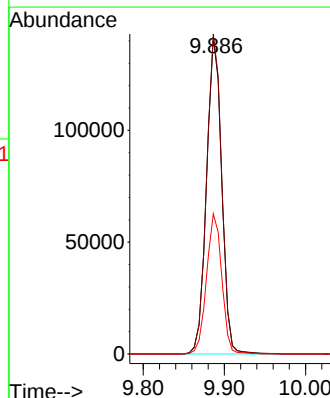
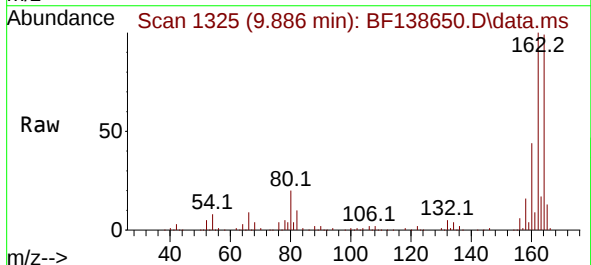
Instrument :
BNA_F
ClientSampleId :
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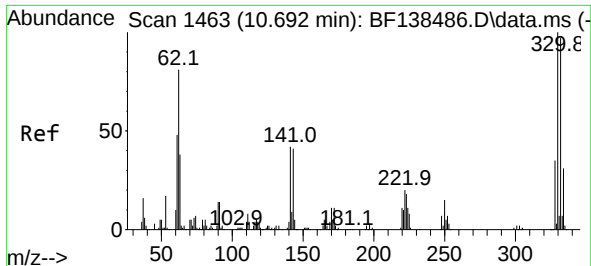
Tgt Ion: 82 Resp: 637166
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1325
Delta R.T. -0.018 min
Lab File: BF138650.D
Acq: 25 Jul 2024 13:31

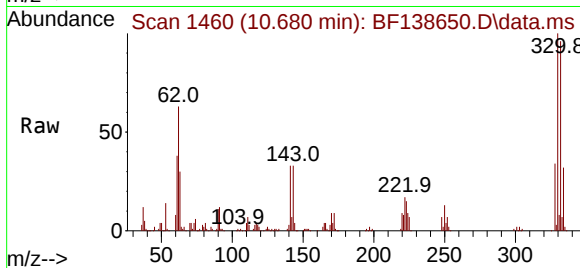
Tgt Ion:164 Resp: 183022
Ion Ratio Lower Upper
164 100
162 101.0 79.0 118.6
160 44.2 34.4 51.6



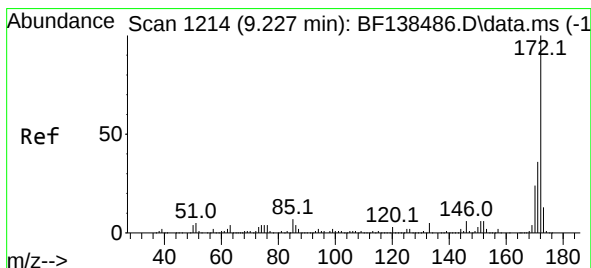
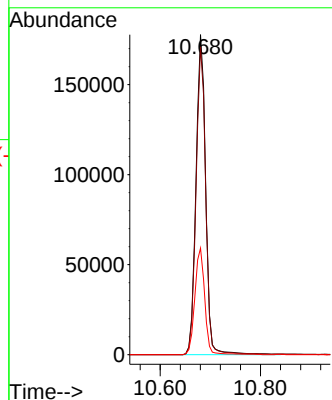
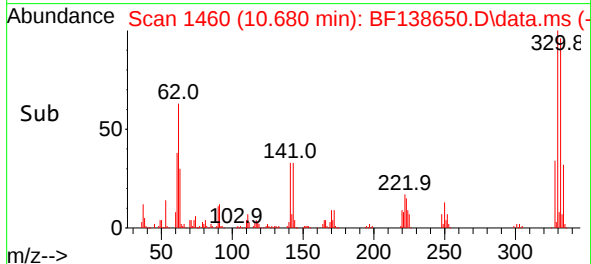


#42
2,4,6-Tribromophenol
Concen: 139.252 ng
RT: 10.680 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF138650.D
Acq: 25 Jul 2024 13:31

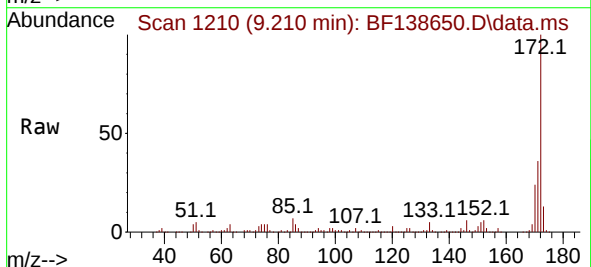
Instrument :
BNA_F
ClientSampleId :
PB162271BL



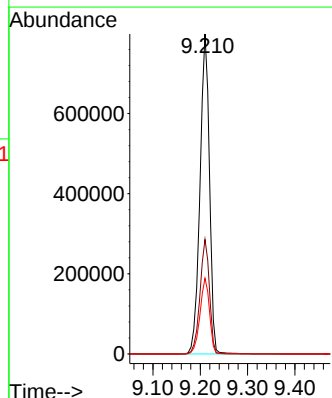
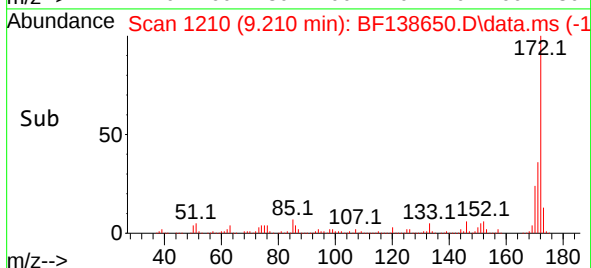
Tgt Ion:330 Resp: 238193
Ion Ratio Lower Upper
330 100
332 95.7 76.8 115.2
141 34.0 29.4 44.2

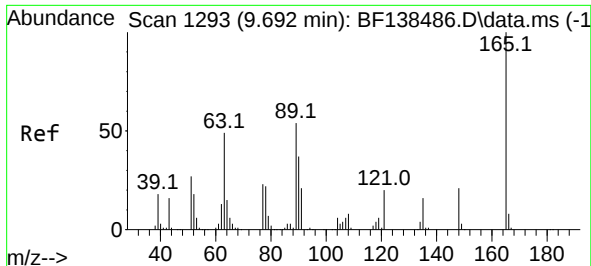


#45
2-Fluorobiphenyl
Concen: 94.918 ng
RT: 9.210 min Scan# 1210
Delta R.T. -0.018 min
Lab File: BF138650.D
Acq: 25 Jul 2024 13:31



Tgt Ion:172 Resp: 1111525
Ion Ratio Lower Upper
172 100
171 35.8 28.9 43.3
170 23.7 18.9 28.3

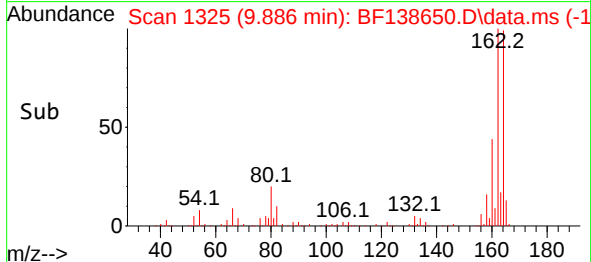
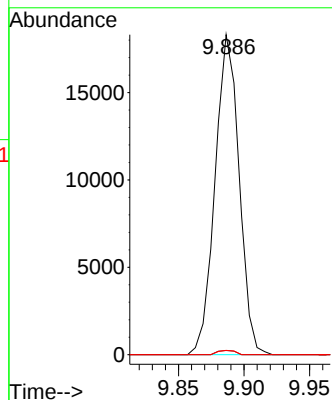
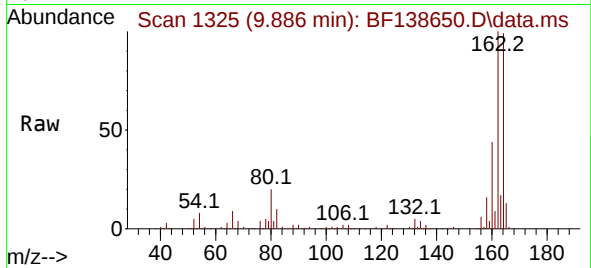




#51
2,6-Dinitrotoluene
Concen: 8.568 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF138650.D
Acq: 25 Jul 2024 13:31

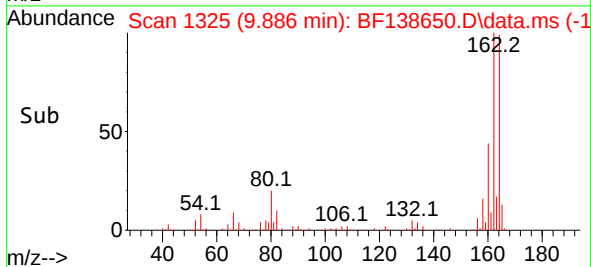
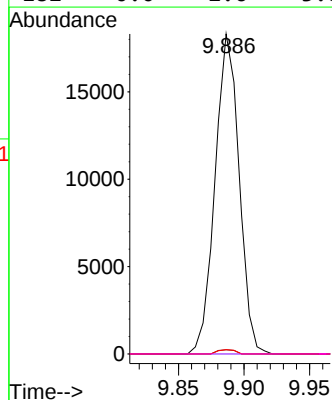
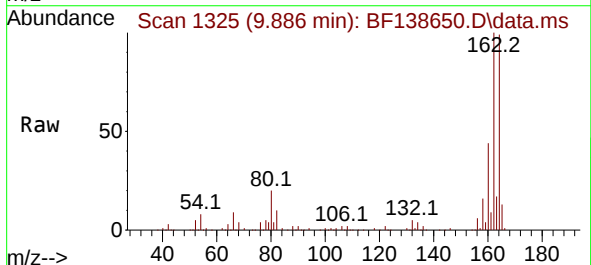
Instrument :
BNA_F
ClientSampleId :
PB162271BL

Tgt Ion:165 Resp: 23346
Ion Ratio Lower Upper
165 100
63 1.3 48.1 72.1#
89 1.4 43.0 64.6#



#57
2,4-Dinitrotoluene
Concen: 6.622 ng
RT: 9.886 min Scan# 1325
Delta R.T. -0.206 min
Lab File: BF138650.D
Acq: 25 Jul 2024 13:31

Tgt Ion:165 Resp: 23346
Ion Ratio Lower Upper
165 100
63 1.3 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: 11.374 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF138650.D

Acq: 25 Jul 2024 13:31

Instrument :

BNA_F

ClientSampleId :

PB162271BL

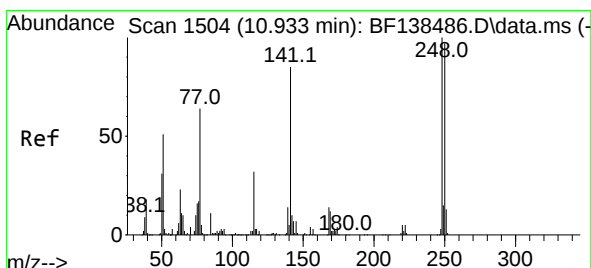
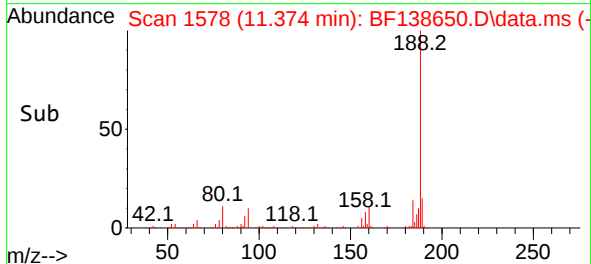
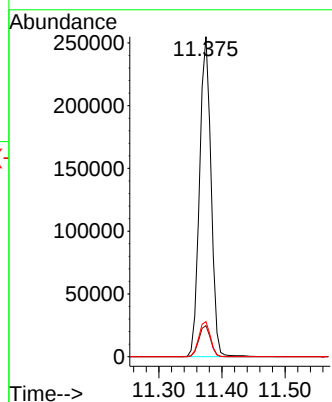
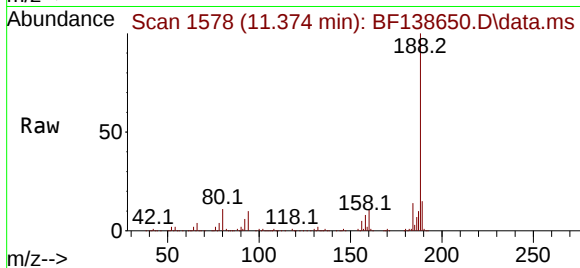
Tgt Ion:188 Resp: 321824

Ion Ratio Lower Upper

188 100

94 9.7 8.7 13.1

80 11.0 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 4.803 ng

RT: 10.680 min Scan# 1460

Delta R.T. -0.253 min

Lab File: BF138650.D

Acq: 25 Jul 2024 13:31

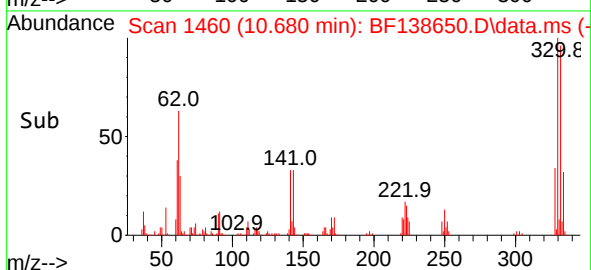
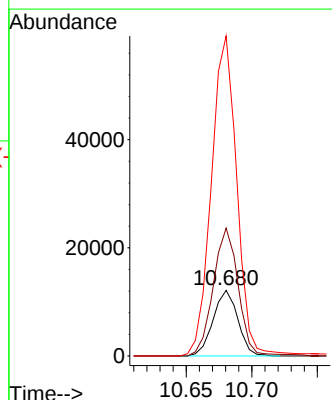
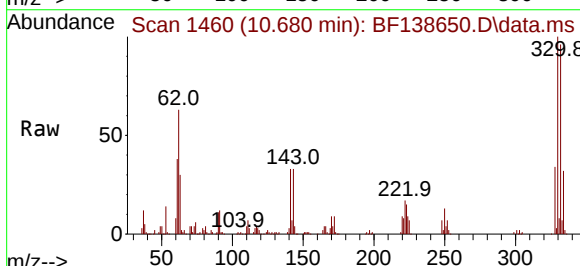
Tgt Ion:248 Resp: 15887

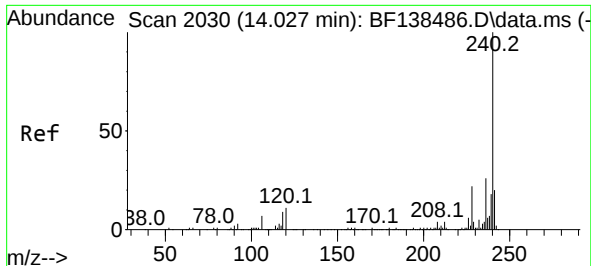
Ion Ratio Lower Upper

248 100

250 194.8 77.9 116.9#

141 487.4 67.7 101.5#

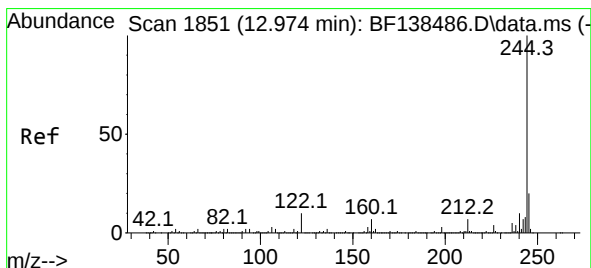
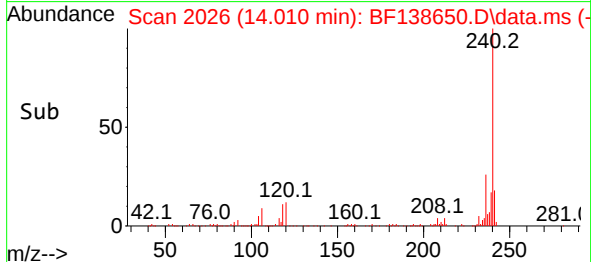
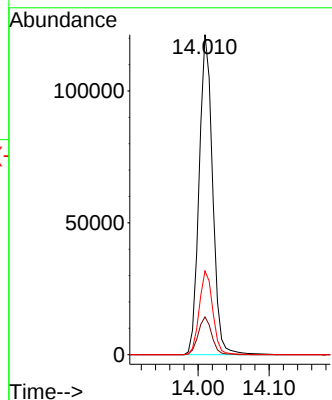
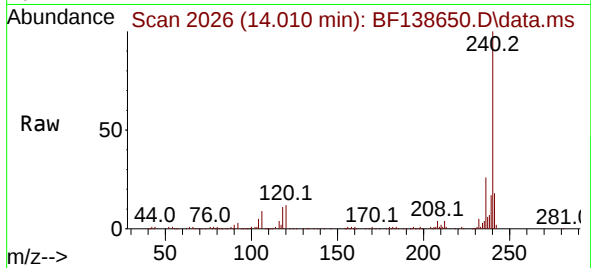




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2030
Delta R.T. -0.018 min
Lab File: BF138650.D
Acq: 25 Jul 2024 13:31

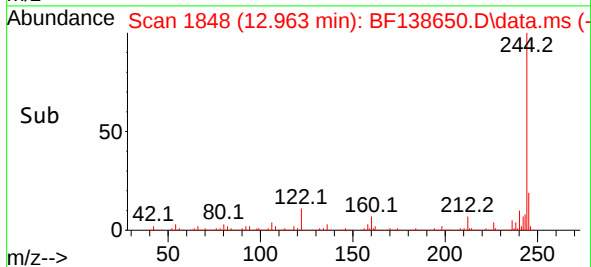
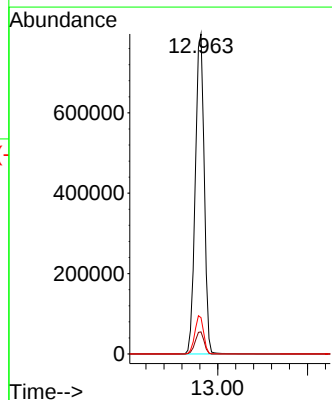
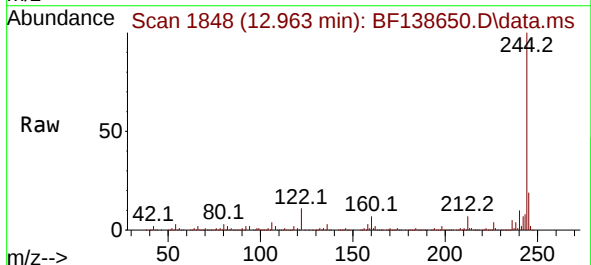
Instrument :
BNA_F
ClientSampleId :
PB162271BL

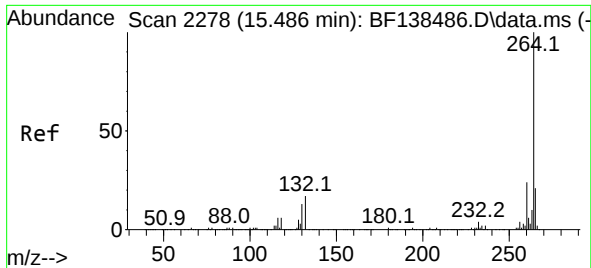
Tgt Ion:240 Resp: 160524
Ion Ratio Lower Upper
240 100
120 11.8 8.6 12.8
236 26.2 21.0 31.6



#79
Terphenyl-d14
Concen: 111.292 ng
RT: 12.963 min Scan# 1848
Delta R.T. -0.012 min
Lab File: BF138650.D
Acq: 25 Jul 2024 13:31

Tgt Ion:244 Resp: 1096611
Ion Ratio Lower Upper
244 100
212 6.9 5.5 8.3
122 11.4 7.8 11.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF138650.D
Acq: 25 Jul 2024 13:31

Instrument :
BNA_F
ClientSampleId :
PB162271BL

Tgt Ion:264 Resp: 141233

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.0	28.6
265	21.6	17.0	25.4

