

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072324\
 Data File : BF138612.D
 Acq On : 23 Jul 2024 11:56
 Operator : RC/JU
 Sample : PB162154BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162154BL

Quant Time: Jul 23 12:25:04 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)

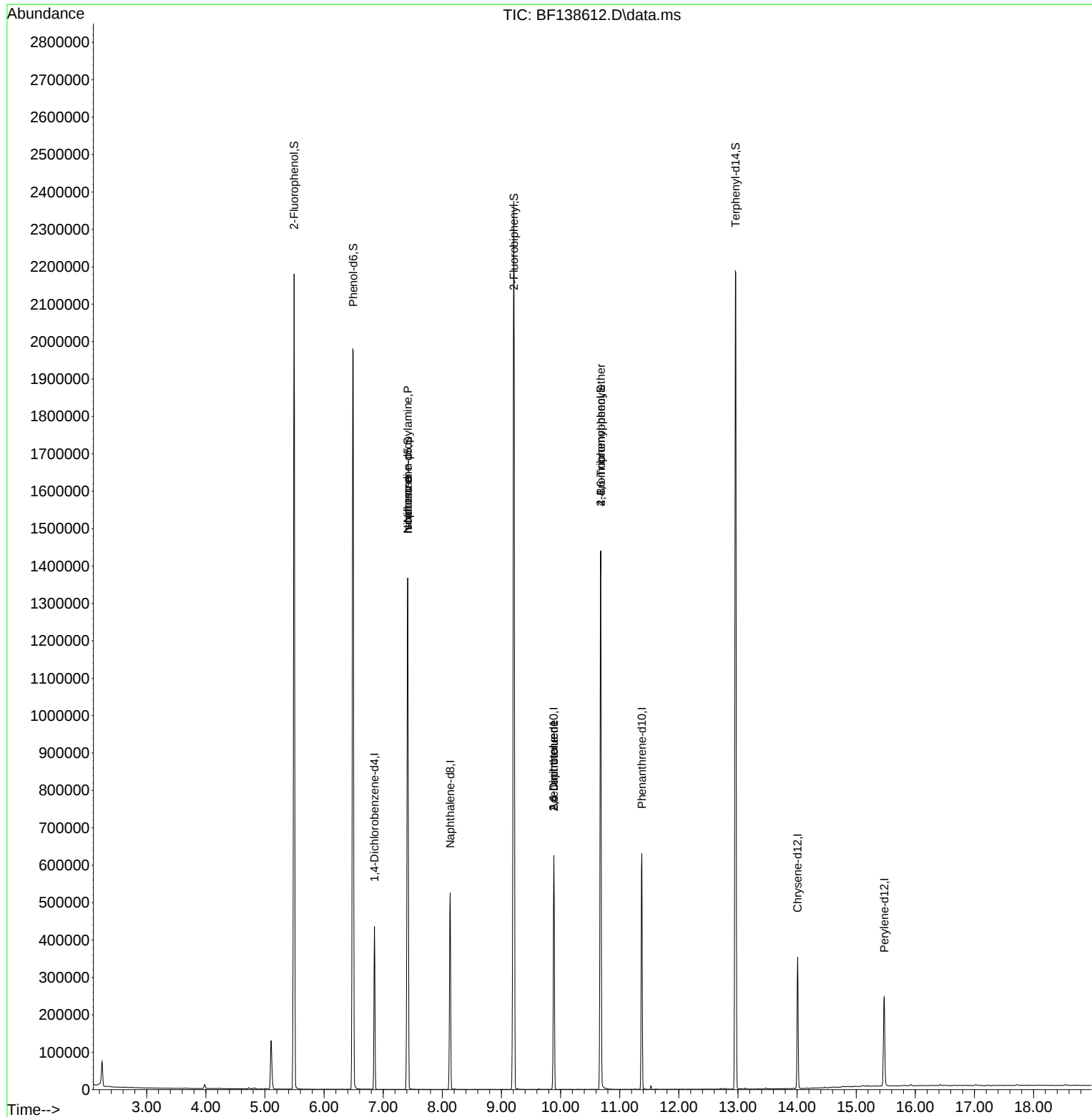
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	82123	20.000	ng	-0.02
21) Naphthalene-d8	8.134	136	335533	20.000	ng	-0.02
39) Acenaphthene-d10	9.886	164	185994	20.000	ng	-0.02
64) Phenanthrene-d10	11.375	188	318836	20.000	ng	-0.01
76) Chrysene-d12	14.010	240	157987	20.000	ng	-0.02
86) Perylene-d12	15.474	264	139993	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	748131	144.278	ng	0.00
7) Phenol-d6	6.492	99	989194	143.403	ng	-0.01
23) Nitrobenzene-d5	7.416	82	668924	97.882	ng	-0.02
42) 2,4,6-Tribromophenol	10.680	330	238755	137.350	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	1131457	95.076	ng	-0.02
79) Terphenyl-d14	12.963	244	1108226	114.277	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.416	70	89228	20.934	ng	# 73
25) Isophorone	7.416	82	666482	56.789	ng	# 67
51) 2,6-Dinitrotoluene	9.886	165	24508	8.850	ng	# 24
57) 2,4-Dinitrotoluene	9.886	165	24508	6.840	ng	# 19
67) 4-Bromophenyl-phenylether	10.680	248	15335	4.680	ng	# 1

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

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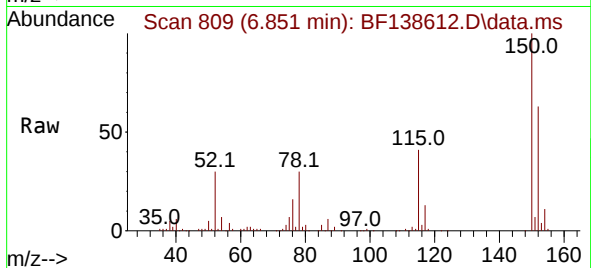
Quant Time: Jul 23 12:25:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 16:58:40 2024
Response via : Initial Calibration



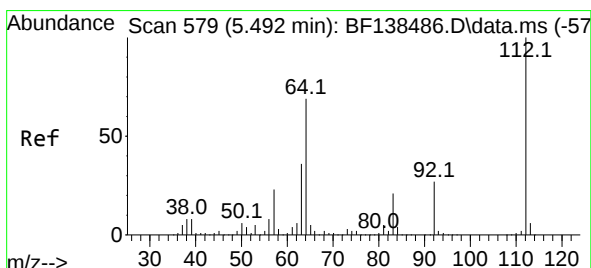
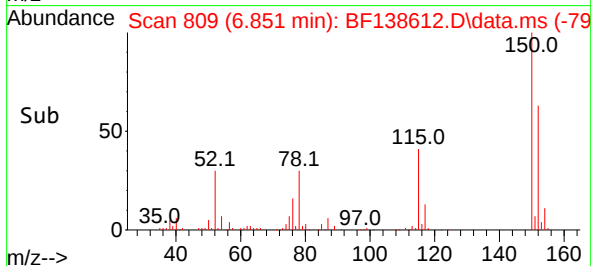
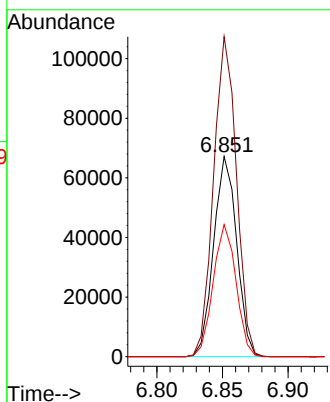


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. -0.018 min
Lab File: BF138612.D
Acq: 23 Jul 2024 11:56

Instrument :
BNA_F
ClientSampleId :
PB162154BL

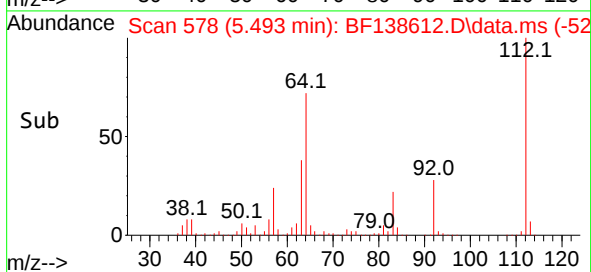
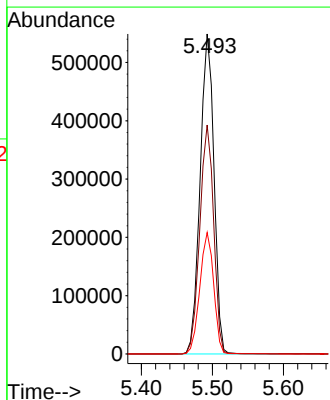
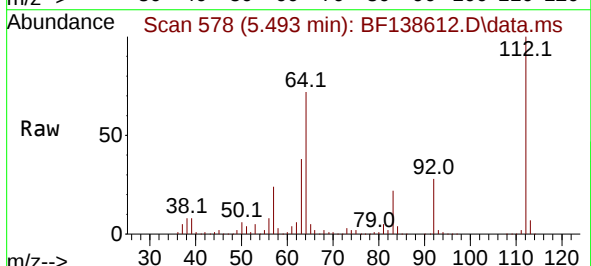


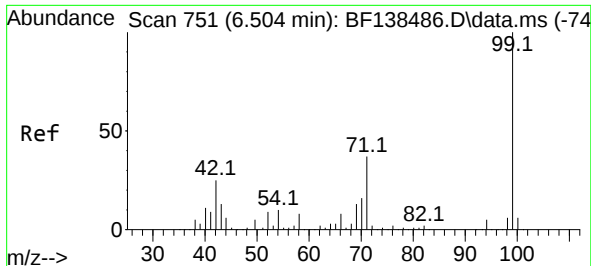
Tgt Ion:152 Resp: 82123
Ion Ratio Lower Upper
152 100
150 159.9 126.2 189.4
115 66.0 50.3 75.5



#5
2-Fluorophenol
Concen: 144.278 ng
RT: 5.493 min Scan# 578
Delta R.T. 0.000 min
Lab File: BF138612.D
Acq: 23 Jul 2024 11:56

Tgt Ion:112 Resp: 748131
Ion Ratio Lower Upper
112 100
64 71.6 55.1 82.7
63 38.0 29.0 43.6

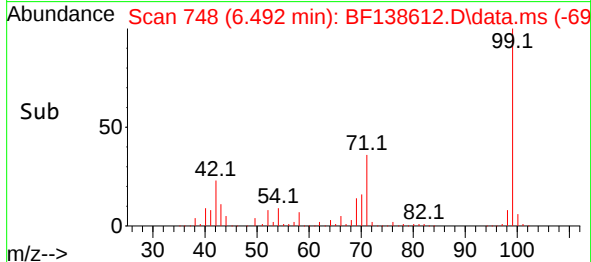
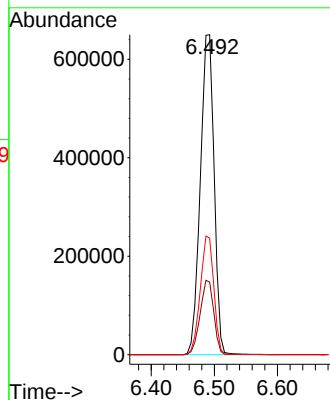
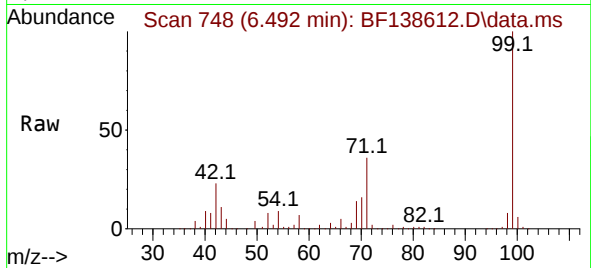




#7
Phenol-d6
Concen: 143.403 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF138612.D
Acq: 23 Jul 2024 11:56

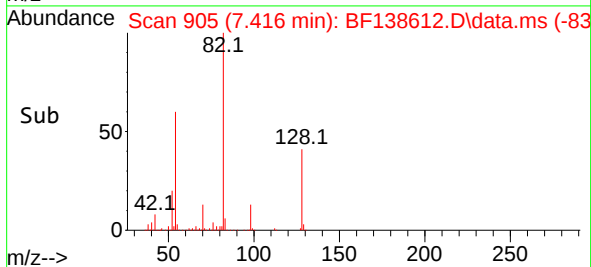
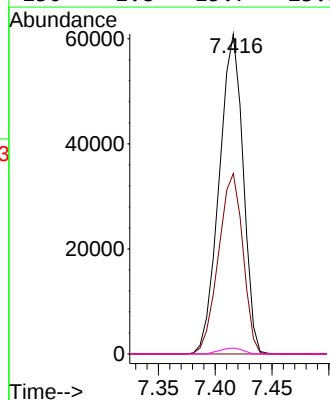
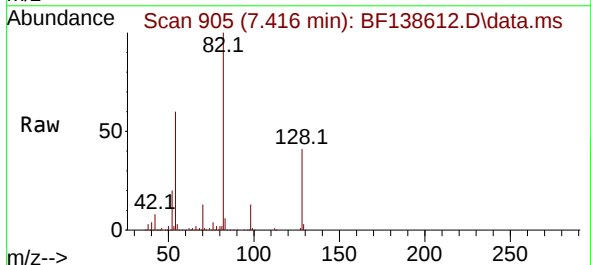
Instrument :
BNA_F
ClientSampleId :
PB162154BL

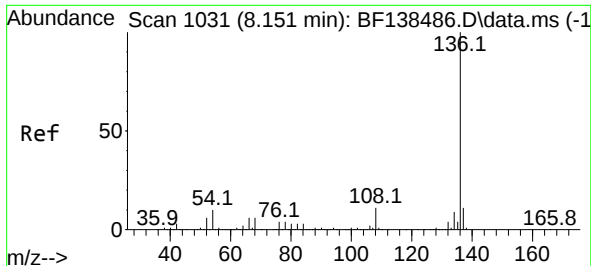
Tgt Ion: 99 Resp: 989194
Ion Ratio Lower Upper
99 100
42 22.6 19.7 29.5
71 36.4 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 20.934 ng
RT: 7.416 min Scan# 905
Delta R.T. 0.135 min
Lab File: BF138612.D
Acq: 23 Jul 2024 11:56

Tgt Ion: 70 Resp: 89228
Ion Ratio Lower Upper
70 100
42 56.4 62.4 93.6#
101 0.0 7.2 10.8#
130 1.8 15.7 23.5#

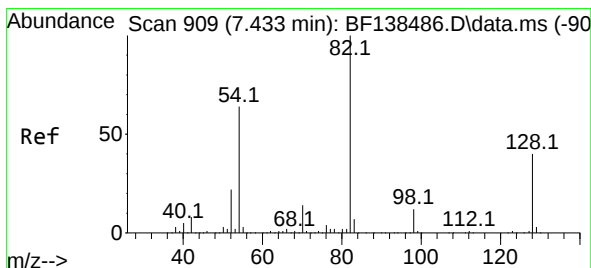
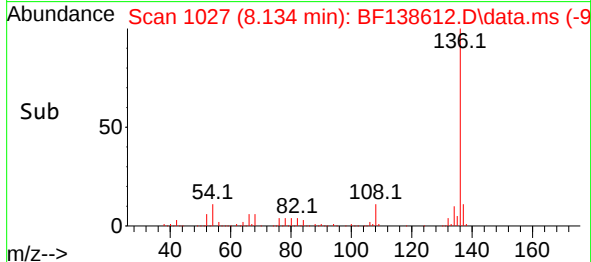
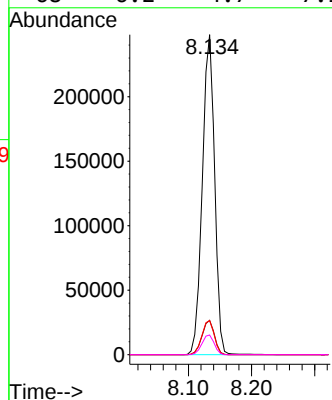
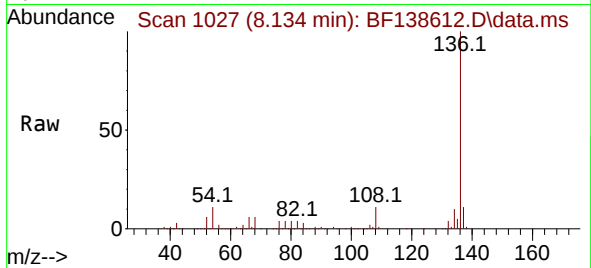




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1027
Delta R.T. -0.018 min
Lab File: BF138612.D
Acq: 23 Jul 2024 11:56

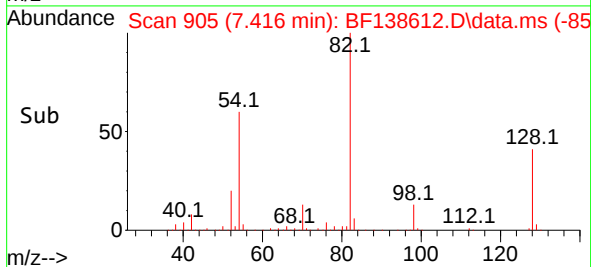
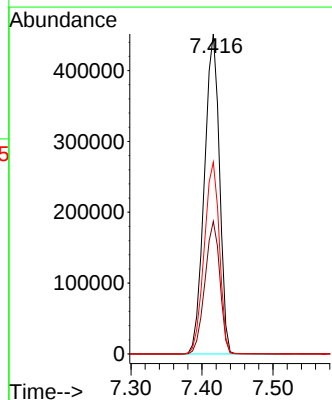
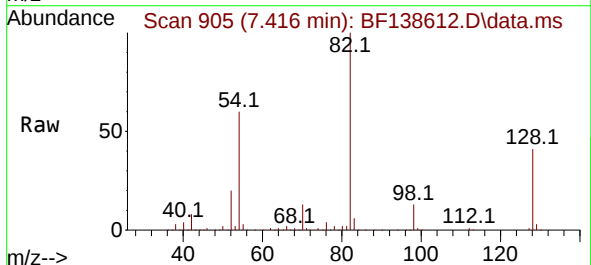
Instrument :
BNA_F
ClientSampleId :
PB162154BL

Tgt Ion:	136	Resp:	335533
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	10.7	8.1	12.1
68	6.2	4.7	7.1



#23
Nitrobenzene-d5
Concen: 97.882 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.018 min
Lab File: BF138612.D
Acq: 23 Jul 2024 11:56

Tgt Ion:	82	Resp:	668924
Ion	Ratio	Lower	Upper
82	100		
128	41.5	32.3	48.5
54	59.9	51.4	77.0

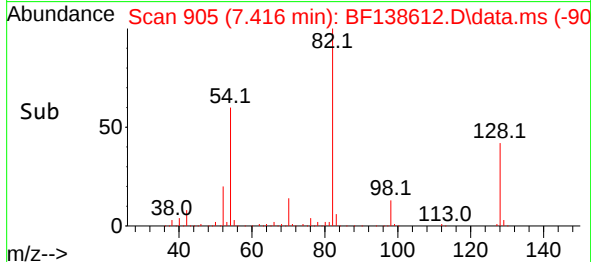
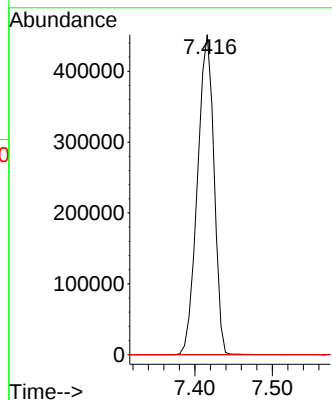
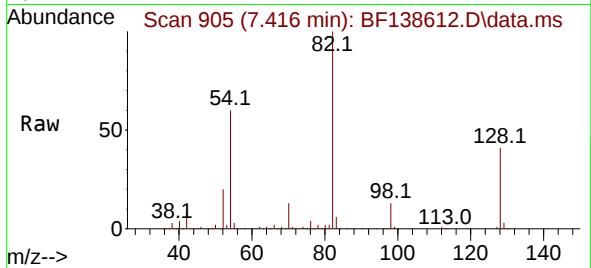




#25
Isophorone
Concen: 56.789 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.270 min
Lab File: BF138612.D
Acq: 23 Jul 2024 11:56

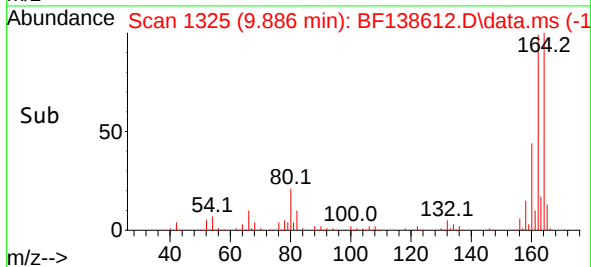
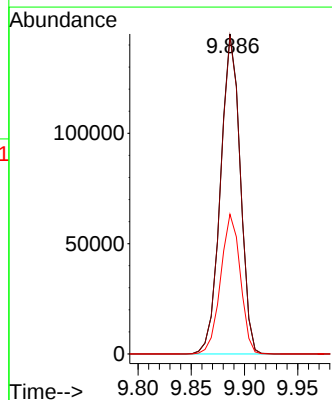
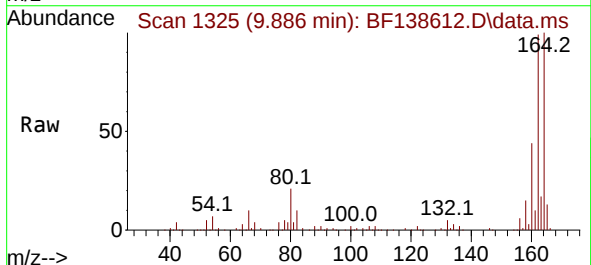
Instrument :
BNA_F
ClientSampleId :
PB162154BL

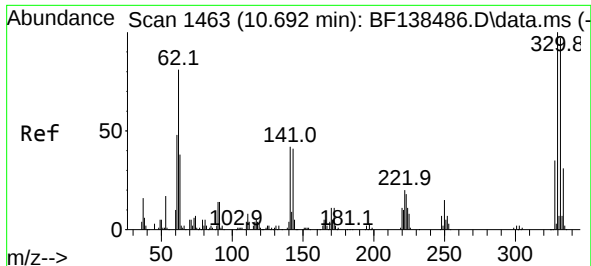
Tgt Ion: 82 Resp: 666482
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1325
Delta R.T. -0.018 min
Lab File: BF138612.D
Acq: 23 Jul 2024 11:56

Tgt Ion:164 Resp: 185994
Ion Ratio Lower Upper
164 100
162 99.2 79.0 118.6
160 43.6 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 137.350 ng

RT: 10.680 min Scan# 1460

Delta R.T. -0.012 min

Lab File: BF138612.D

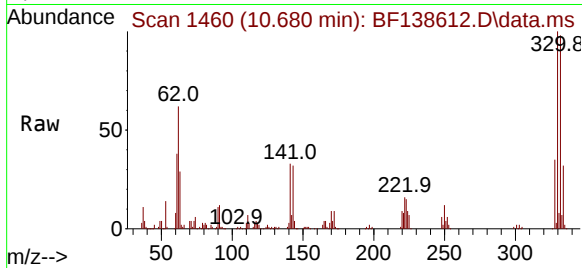
Acq: 23 Jul 2024 11:56

Instrument :

BNA_F

ClientSampleId :

PB162154BL



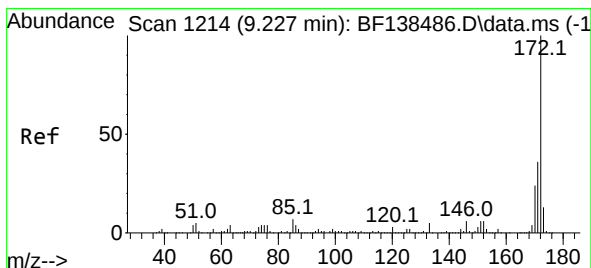
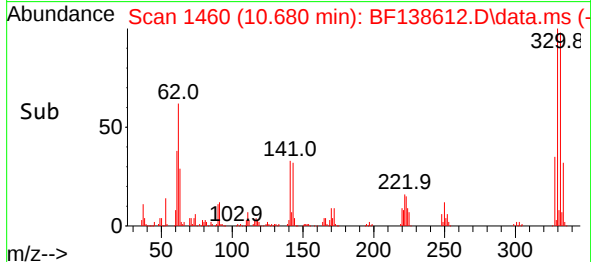
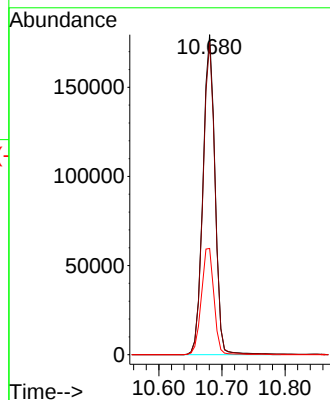
Tgt Ion:330 Resp: 238755

Ion Ratio Lower Upper

330 100

332 97.6 76.8 115.2

141 34.8 29.4 44.2



#45

2-Fluorobiphenyl

Concen: 95.076 ng

RT: 9.210 min Scan# 1210

Delta R.T. -0.018 min

Lab File: BF138612.D

Acq: 23 Jul 2024 11:56

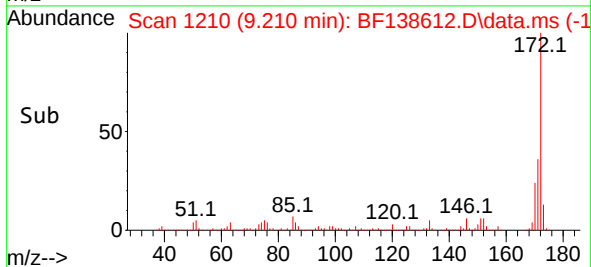
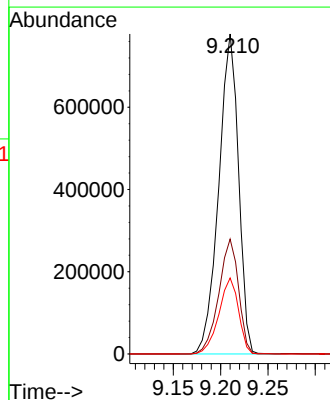
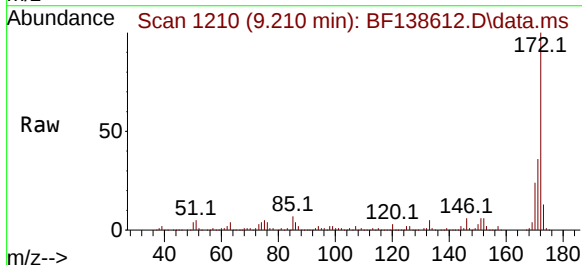
Tgt Ion:172 Resp: 1131457

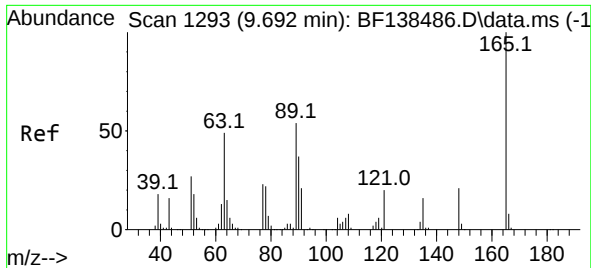
Ion Ratio Lower Upper

172 100

171 35.9 28.9 43.3

170 23.8 18.9 28.3

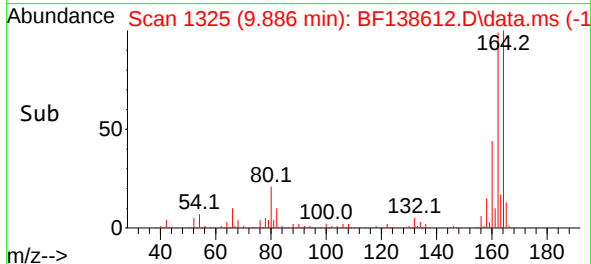
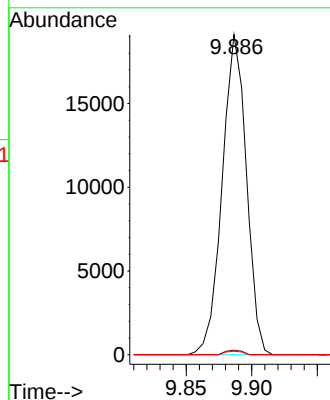
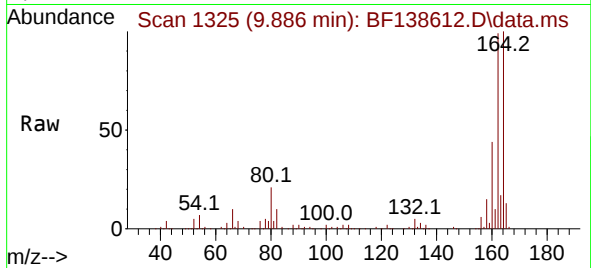




#51
2,6-Dinitrotoluene
Concen: 8.850 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF138612.D
Acq: 23 Jul 2024 11:56

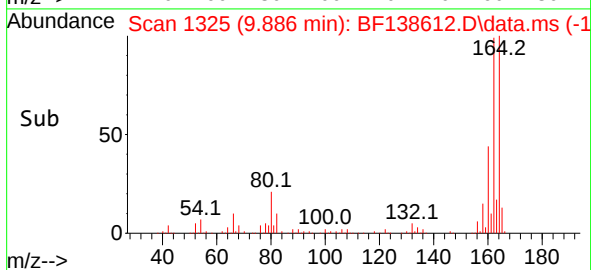
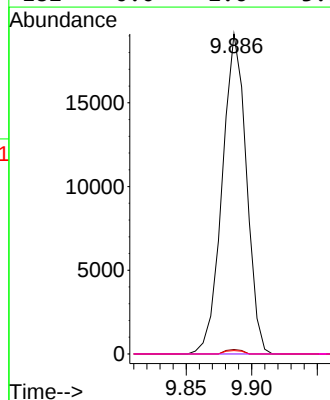
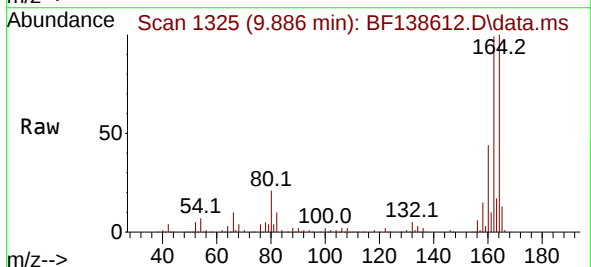
Instrument :
BNA_F
ClientSampleId :
PB162154BL

Tgt Ion:165 Resp: 24508
Ion Ratio Lower Upper
165 100
63 1.4 48.1 72.1#
89 1.0 43.0 64.6#



#57
2,4-Dinitrotoluene
Concen: 6.840 ng
RT: 9.886 min Scan# 1325
Delta R.T. -0.206 min
Lab File: BF138612.D
Acq: 23 Jul 2024 11:56

Tgt Ion:165 Resp: 24508
Ion Ratio Lower Upper
165 100
63 1.4 44.6 66.8#
89 1.0 63.4 95.2#
182 0.0 2.6 3.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138612.D

Acq: 23 Jul 2024 11:56

Instrument :

BNA_F

ClientSampleId :

PB162154BL

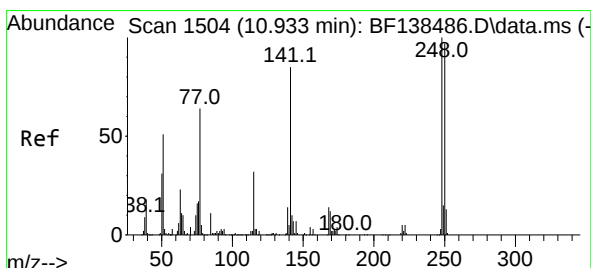
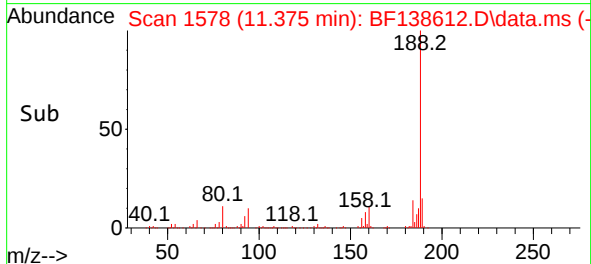
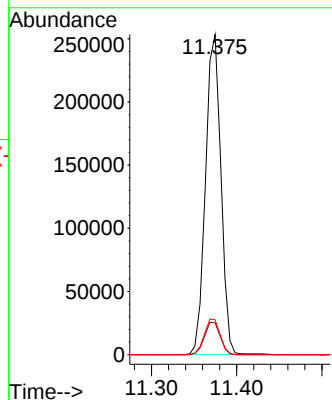
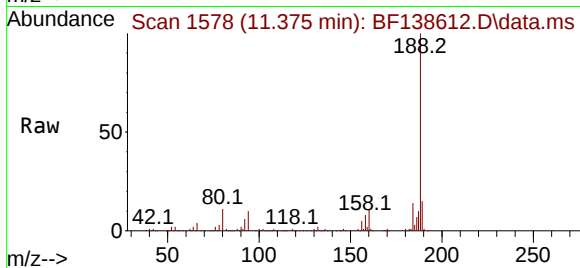
Tgt Ion:188 Resp: 318836

Ion Ratio Lower Upper

188 100

94 10.0 8.7 13.1

80 10.9 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 4.680 ng

RT: 10.680 min Scan# 1460

Delta R.T. -0.253 min

Lab File: BF138612.D

Acq: 23 Jul 2024 11:56

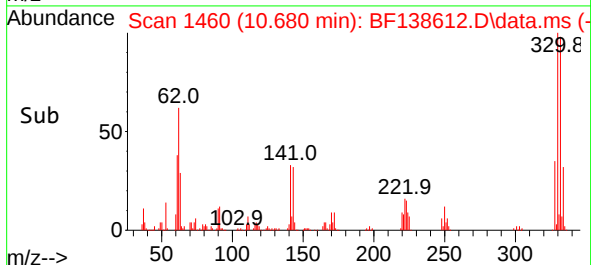
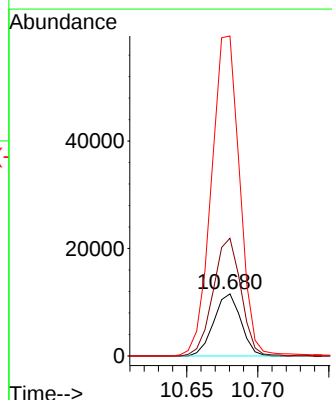
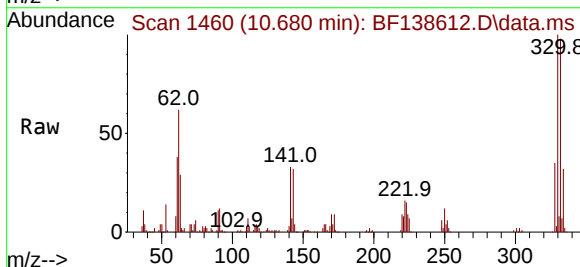
Tgt Ion:248 Resp: 15335

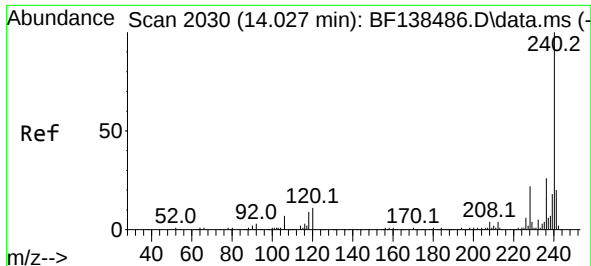
Ion Ratio Lower Upper

248 100

250 189.7 77.9 116.9#

141 515.5 67.7 101.5#

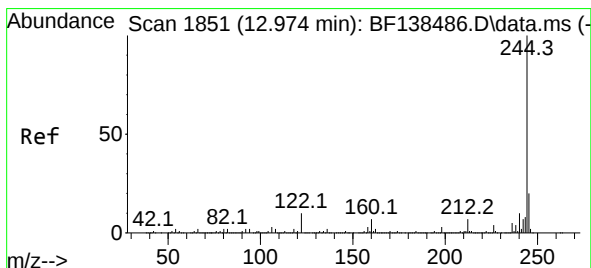
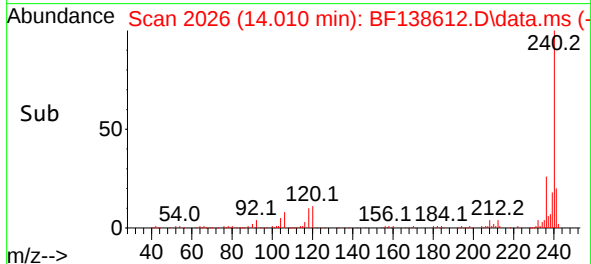
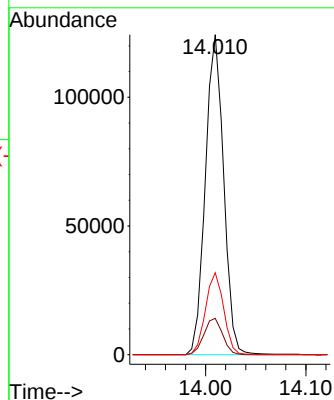
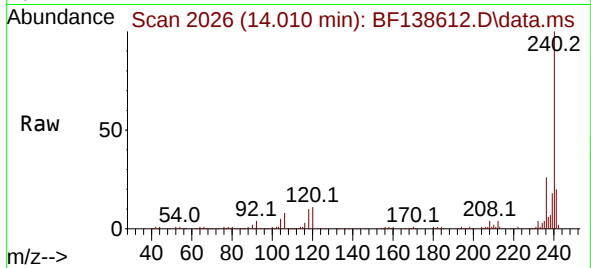




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2030
Delta R.T. -0.018 min
Lab File: BF138612.D
Acq: 23 Jul 2024 11:56

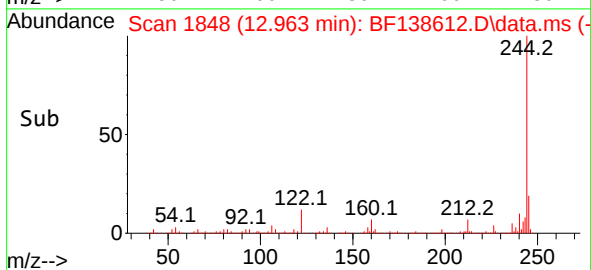
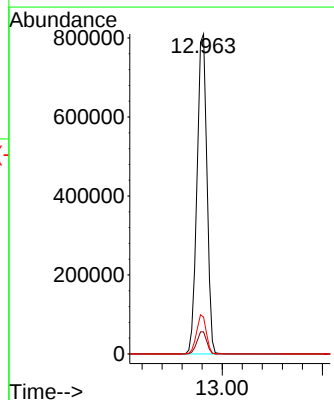
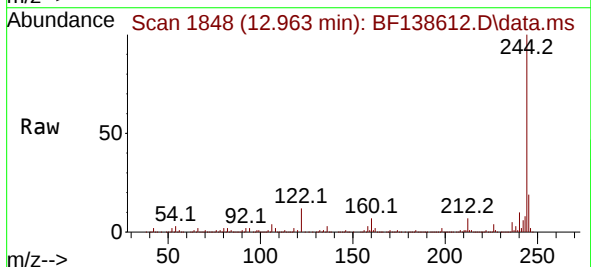
Instrument :
BNA_F
ClientSampleId :
PB162154BL

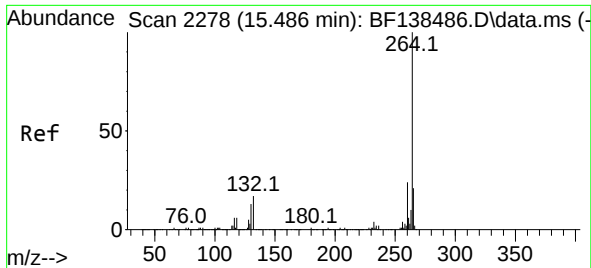
Tgt Ion:240 Resp: 157987
Ion Ratio Lower Upper
240 100
120 11.4 8.6 12.8
236 25.6 21.0 31.6



#79
Terphenyl-d14
Concen: 114.277 ng
RT: 12.963 min Scan# 1848
Delta R.T. -0.012 min
Lab File: BF138612.D
Acq: 23 Jul 2024 11:56

Tgt Ion:244 Resp: 1108226
Ion Ratio Lower Upper
244 100
212 6.9 5.5 8.3
122 11.6 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: BF138612.D

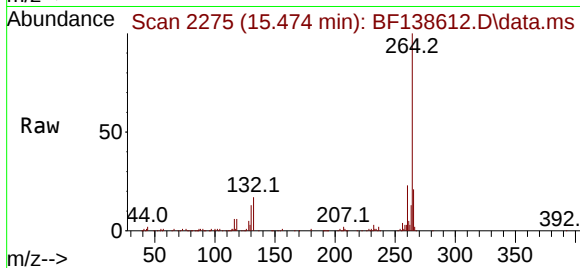
Acq: 23 Jul 2024 11:56

Instrument :

BNA_F

ClientSampleId :

PB162154BL



Tgt Ion:264 Resp: 139993

Ion Ratio Lower Upper

264 100

260 23.0 19.0 28.6

265 21.4 17.0 25.4

