

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071524\
 Data File : BF138567.D
 Acq On : 15 Jul 2024 13:57
 Operator : CG\JU
 Sample : PB162036BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162036BL

Quant Time: Jul 15 14:20:27 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)

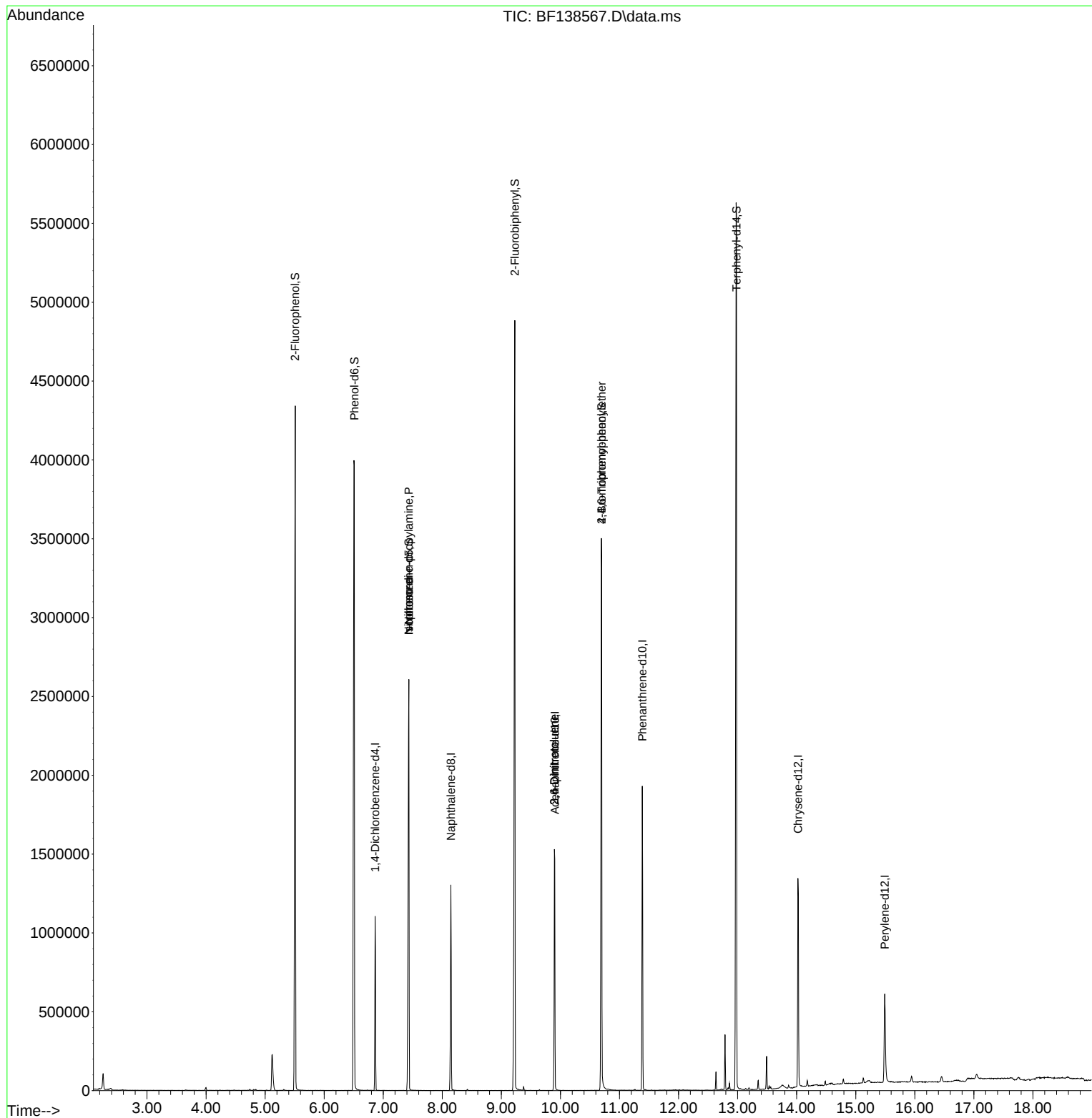
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	146760	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	571399	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	332350	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	669450	20.000	ng	0.00
76) Chrysene-d12	14.021	240	456720	20.000	ng	0.00
86) Perylene-d12	15.492	264	281071	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1117787	120.626	ng	0.02
7) Phenol-d6	6.510	99	1646782	133.588	ng	0.00
23) Nitrobenzene-d5	7.433	82	944361	81.145	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	459726	148.005	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1668017	78.440	ng	0.00
79) Terphenyl-d14	12.980	244	2318396	82.697	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.433	70	128150	16.824	ng	# 74
25) Isophorone	7.433	82	944355	47.251	ng	# 67
51) 2,6-Dinitrotoluene	9.898	165	42948	8.680	ng	# 24
57) 2,4-Dinitrotoluene	9.898	165	42948	6.708	ng	# 19
67) 4-Bromophenyl-phenylether	10.698	248	31019	4.508	ng	# 1

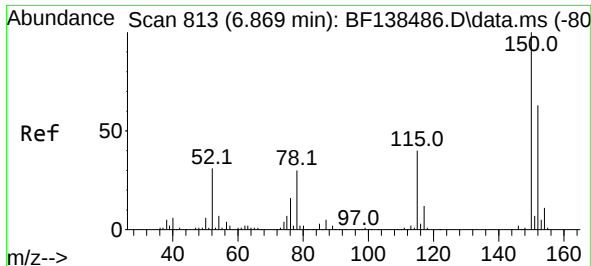
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071524\
Data File : BF138567.D
Acq On : 15 Jul 2024 13:57
Operator : CG\JU
Sample : PB162036BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB162036BL

Quant Time: Jul 15 14:20:27 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

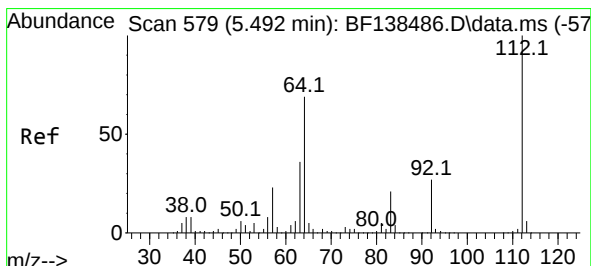
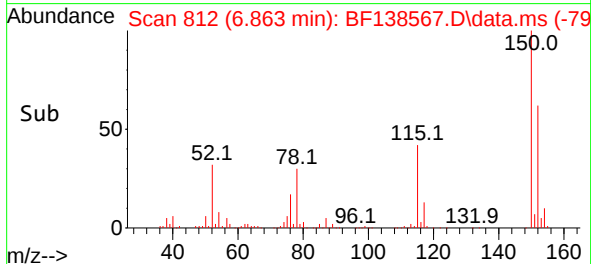
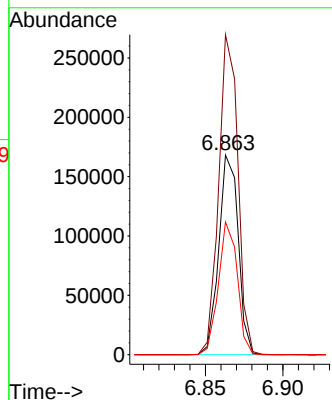
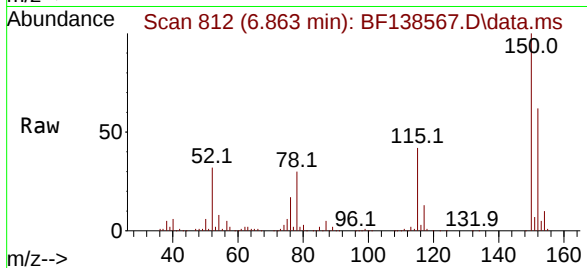




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF138567.D
Acq: 15 Jul 2024 13:57

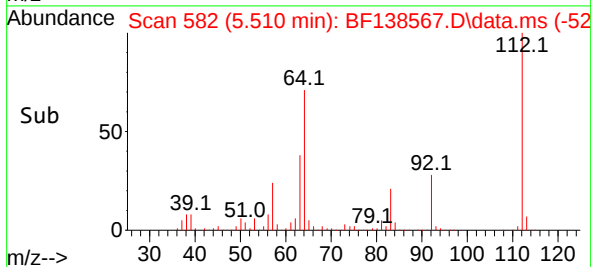
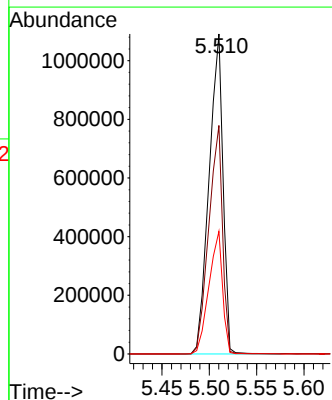
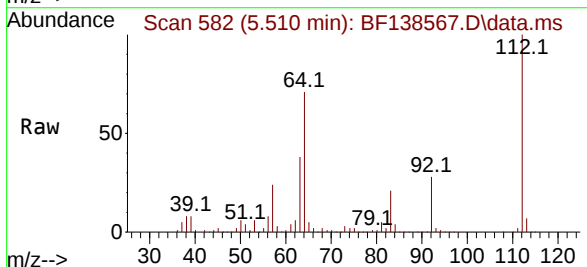
Instrument :
BNA_F
ClientSampleId :
PB162036BL

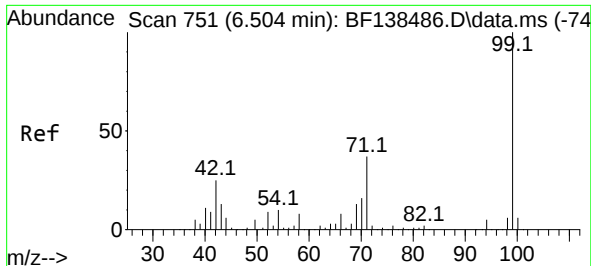
Tgt Ion:152 Resp: 146760
Ion Ratio Lower Upper
152 100
150 160.2 126.2 189.4
115 66.5 50.3 75.5



#5
2-Fluorophenol
Concen: 120.626 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF138567.D
Acq: 15 Jul 2024 13:57

Tgt Ion:112 Resp: 1117787
Ion Ratio Lower Upper
112 100
64 71.4 55.1 82.7
63 38.3 29.0 43.6

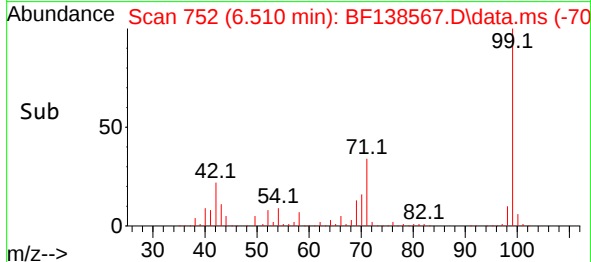
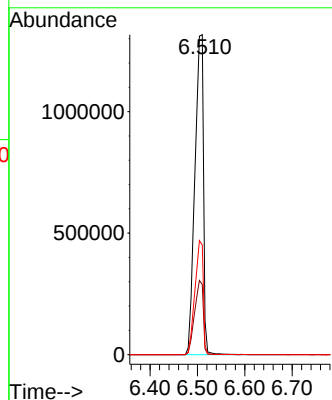
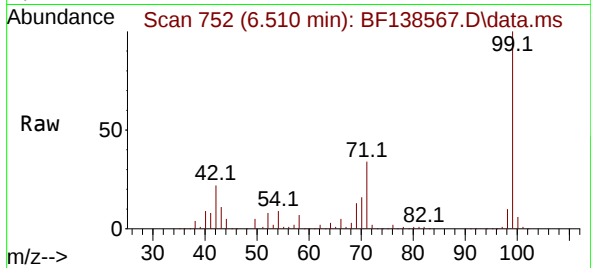




#7
Phenol-d6
Concen: 133.588 ng
RT: 6.510 min Scan# 710
Delta R.T. 0.006 min
Lab File: BF138567.D
Acq: 15 Jul 2024 13:57

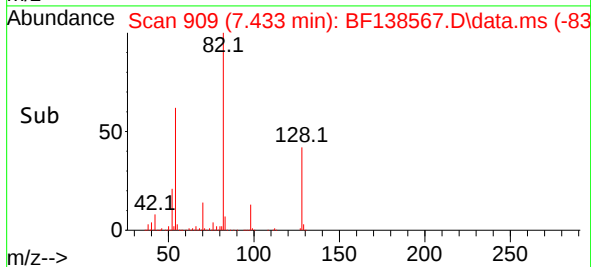
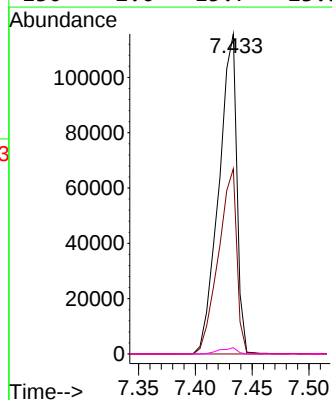
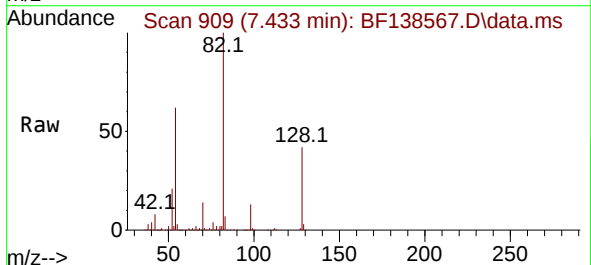
Instrument :
BNA_F
ClientSampleId :
PB162036BL

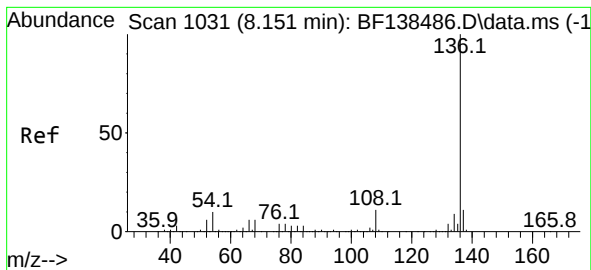
Tgt Ion: 99 Resp: 1646782
Ion Ratio Lower Upper
99 100
42 21.9 19.7 29.5
71 34.3 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 16.824 ng
RT: 7.433 min Scan# 909
Delta R.T. 0.153 min
Lab File: BF138567.D
Acq: 15 Jul 2024 13:57

Tgt Ion: 70 Resp: 128150
Ion Ratio Lower Upper
70 100
42 57.9 62.4 93.6#
101 0.0 7.2 10.8#
130 2.0 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: BF138567.D

Acq: 15 Jul 2024 13:57

Instrument :

BNA_F

ClientSampleId :

PB162036BL

Tgt Ion:136 Resp: 571399

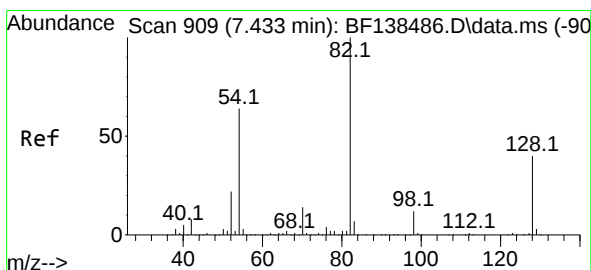
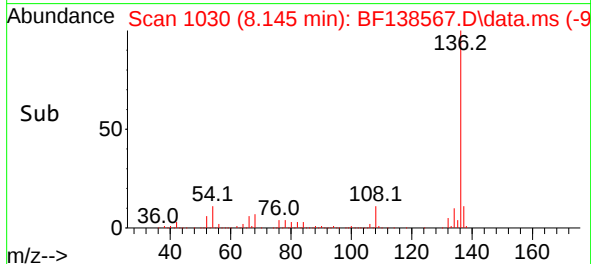
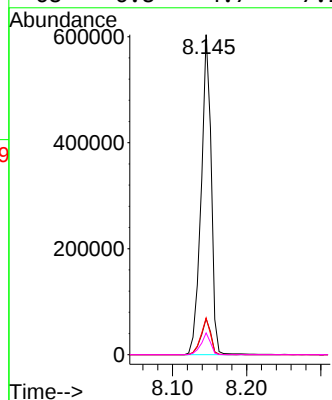
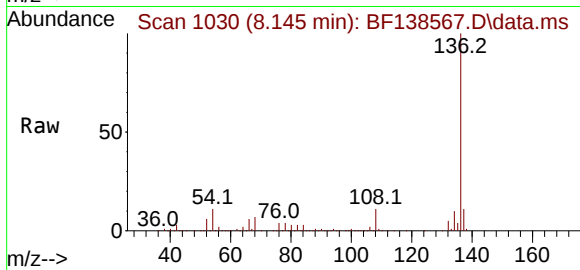
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 11.5 8.1 12.1

68 6.8 4.7 7.1



#23

Nitrobenzene-d5

Concen: 81.145 ng

RT: 7.433 min Scan# 909

Delta R.T. 0.000 min

Lab File: BF138567.D

Acq: 15 Jul 2024 13:57

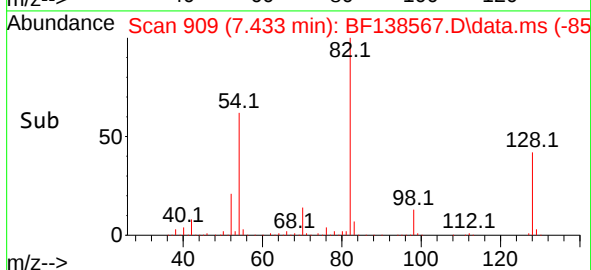
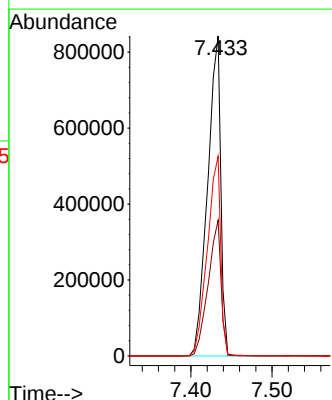
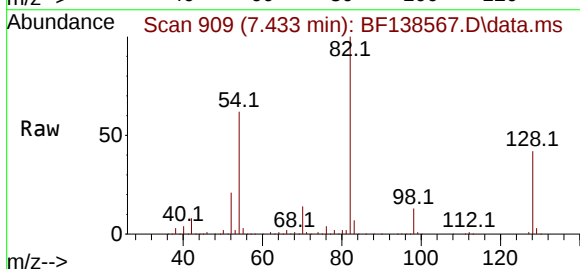
Tgt Ion: 82 Resp: 944361

Ion Ratio Lower Upper

82 100

128 42.5 32.3 48.5

54 62.3 51.4 77.0

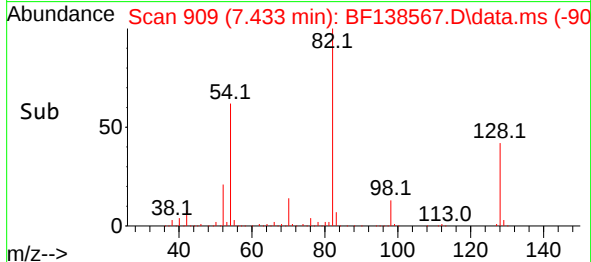
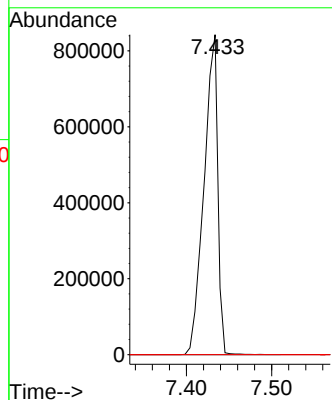
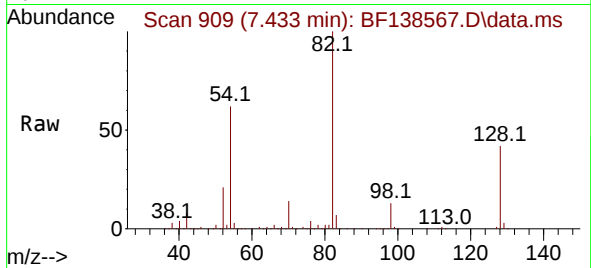




#25
Isophorone
Concen: 47.251 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.253 min
Lab File: BF138567.D
Acq: 15 Jul 2024 13:57

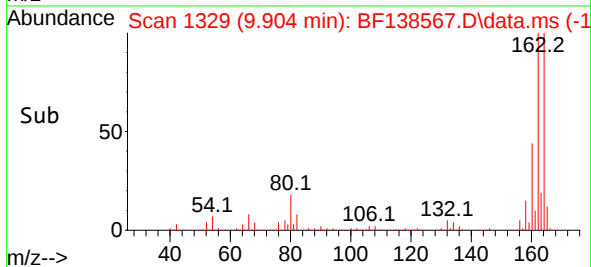
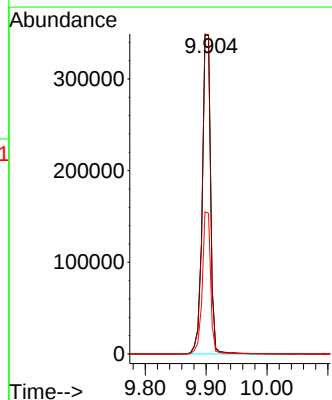
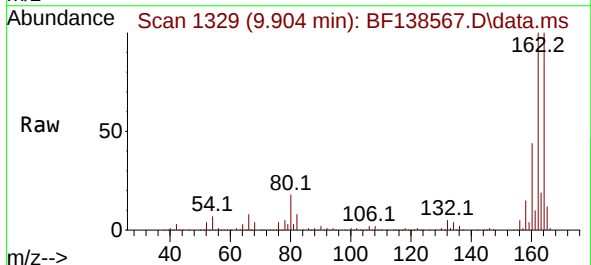
Instrument :
BNA_F
ClientSampleId :
PB162036BL

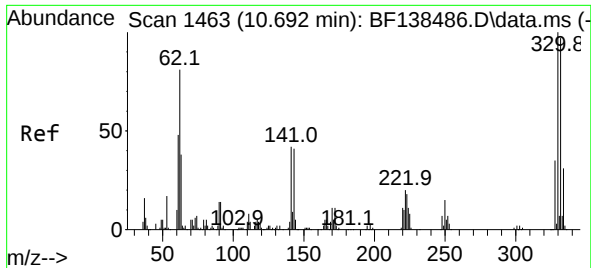
Tgt Ion: 82 Resp: 944355
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.000 min
Lab File: BF138567.D
Acq: 15 Jul 2024 13:57

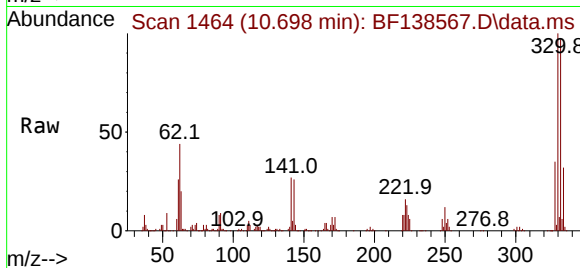
Tgt Ion:164 Resp: 332350
Ion Ratio Lower Upper
164 100
162 100.2 79.0 118.6
160 44.1 34.4 51.6



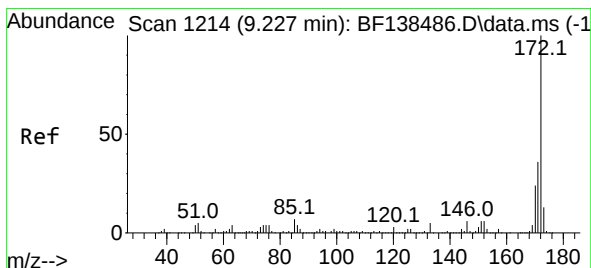
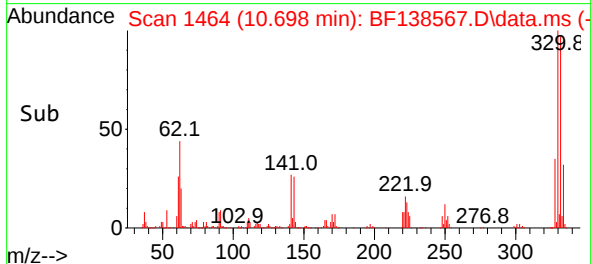
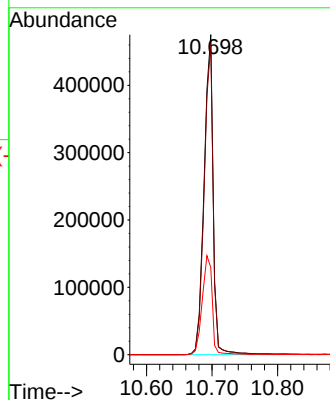


#42
2,4,6-Tribromophenol
Concen: 148.005 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF138567.D
Acq: 15 Jul 2024 13:57

Instrument :
BNA_F
ClientSampleId :
PB162036BL

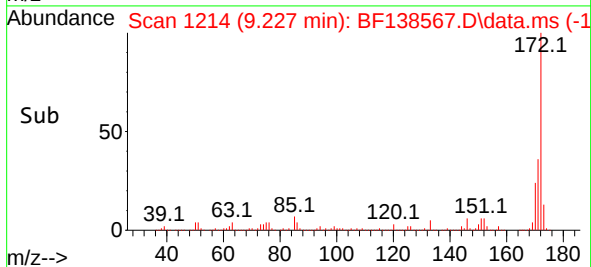
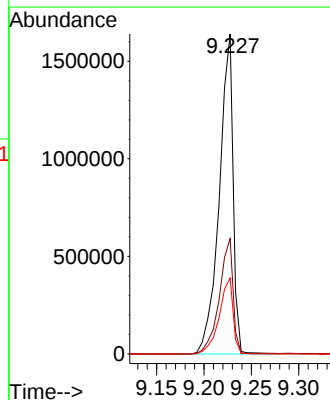
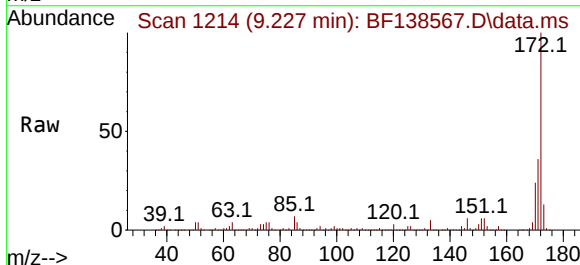


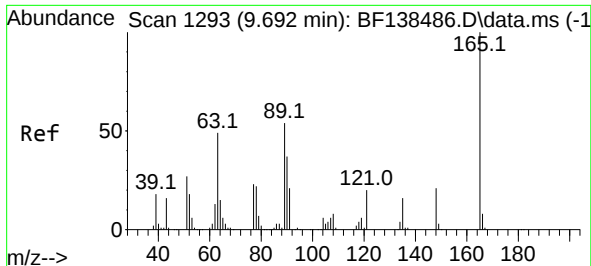
Tgt Ion:330 Resp: 459726
Ion Ratio Lower Upper
330 100
332 96.5 76.8 115.2
141 33.8 29.4 44.2



#45
2-Fluorobiphenyl
Concen: 78.440 ng
RT: 9.227 min Scan# 1214
Delta R.T. 0.000 min
Lab File: BF138567.D
Acq: 15 Jul 2024 13:57

Tgt Ion:172 Resp: 1668017
Ion Ratio Lower Upper
172 100
171 36.1 28.9 43.3
170 23.7 18.9 28.3

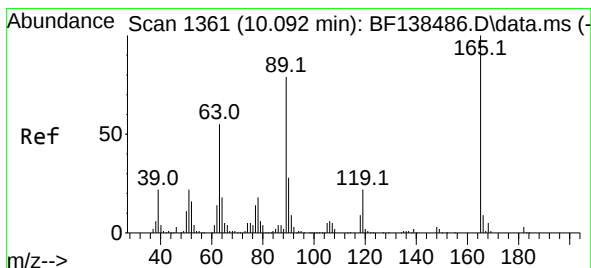
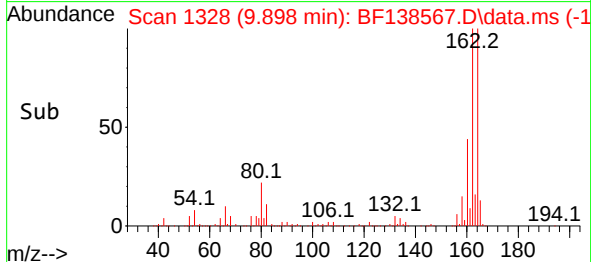
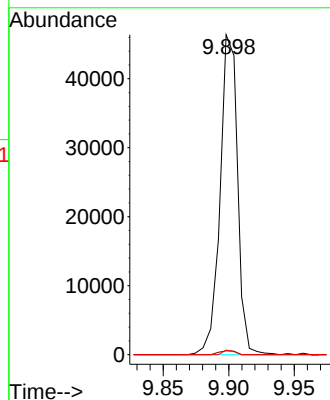
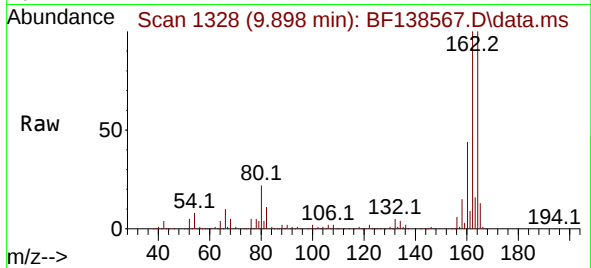




#51
2,6-Dinitrotoluene
Concen: 8.680 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.206 min
Lab File: BF138567.D
Acq: 15 Jul 2024 13:57

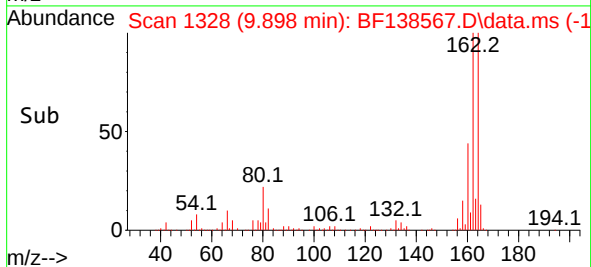
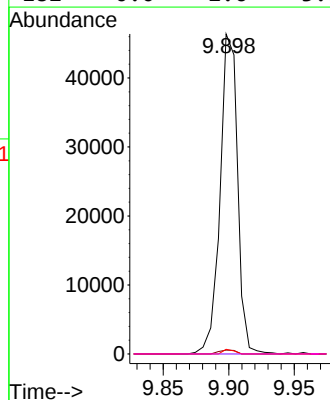
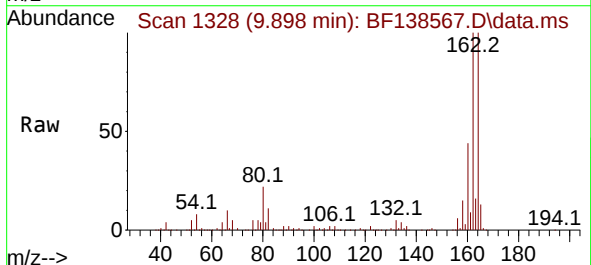
Instrument :
BNA_F
ClientSampleId :
PB162036BL

Tgt Ion:165 Resp: 42948
Ion Ratio Lower Upper
165 100
63 1.2 48.1 72.1#
89 1.5 43.0 64.6#



#57
2,4-Dinitrotoluene
Concen: 6.708 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF138567.D
Acq: 15 Jul 2024 13:57

Tgt Ion:165 Resp: 42948
Ion Ratio Lower Upper
165 100
63 1.2 44.6 66.8#
89 1.5 63.4 95.2#
182 0.0 2.6 3.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF138567.D

Acq: 15 Jul 2024 13:57

Instrument :

BNA_F

ClientSampleId :

PB162036BL

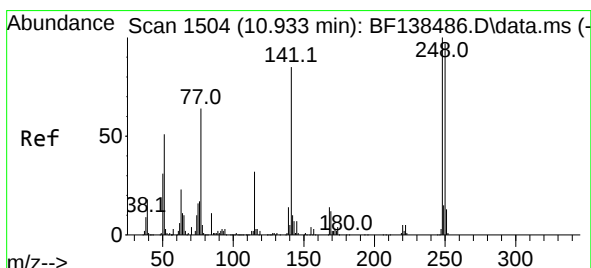
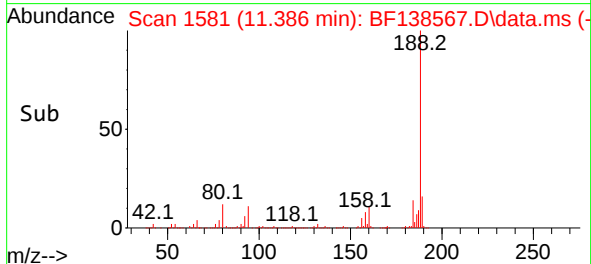
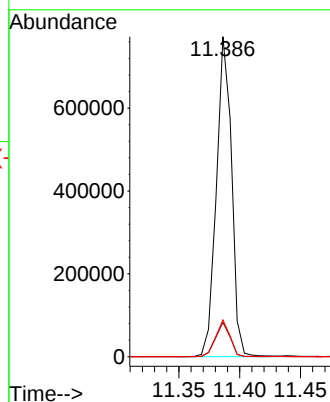
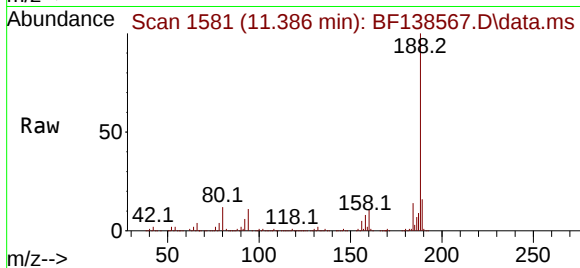
Tgt Ion:188 Resp: 669450

Ion Ratio Lower Upper

188 100

94 10.7 8.7 13.1

80 11.5 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 4.508 ng

RT: 10.698 min Scan# 1464

Delta R.T. -0.235 min

Lab File: BF138567.D

Acq: 15 Jul 2024 13:57

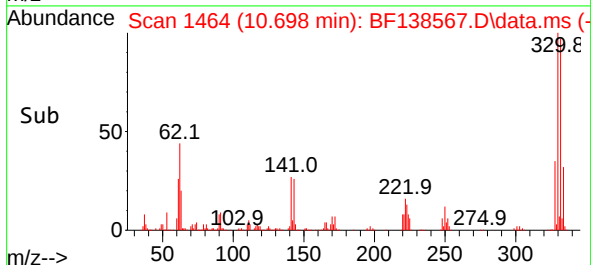
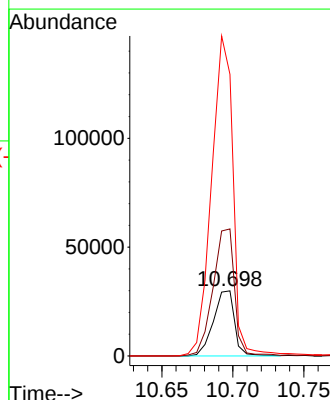
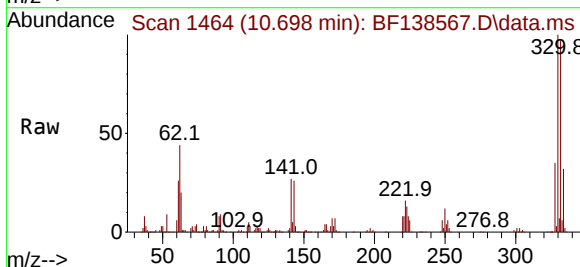
Tgt Ion:248 Resp: 31019

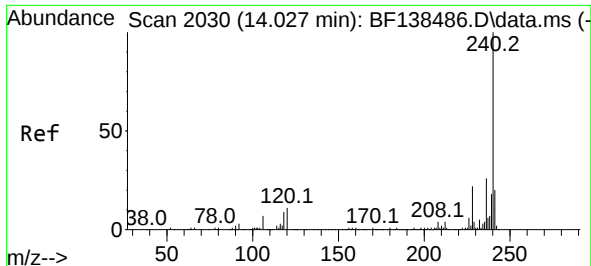
Ion Ratio Lower Upper

248 100

250 194.9 77.9 116.9#

141 432.0 67.7 101.5#

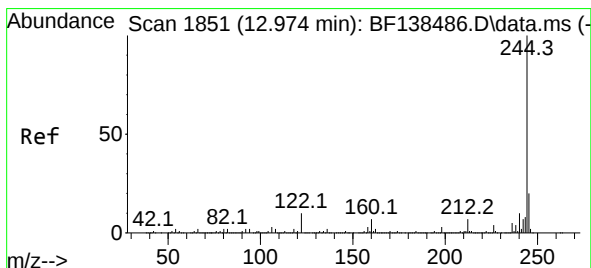
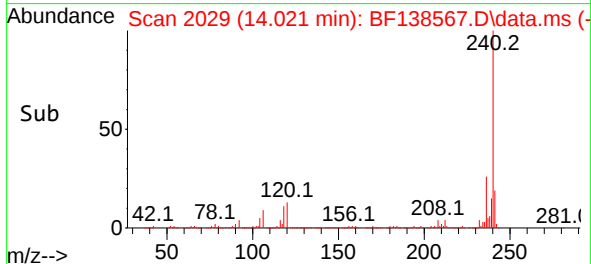
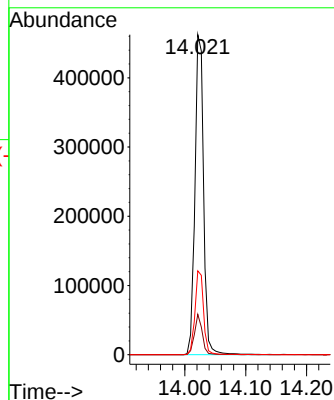
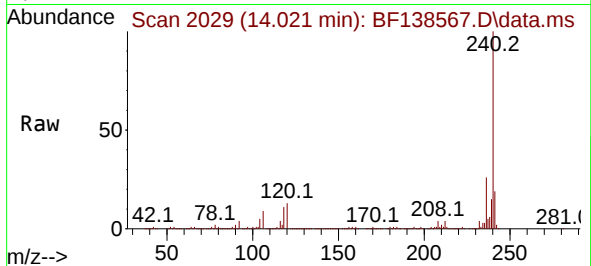




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF138567.D
Acq: 15 Jul 2024 13:57

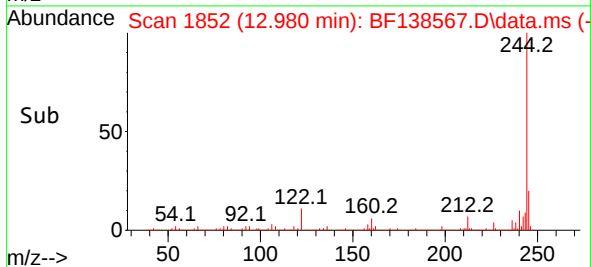
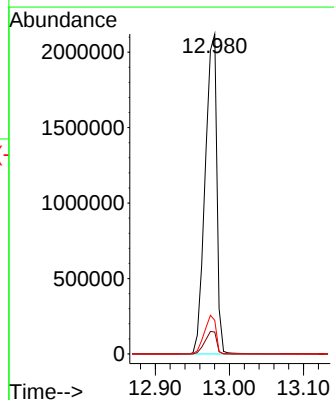
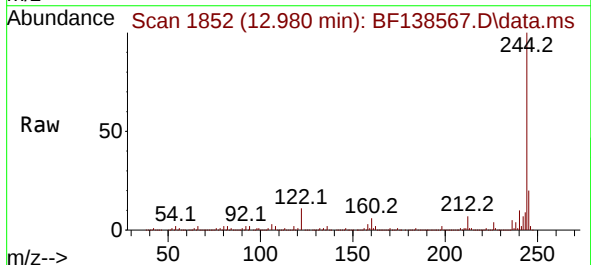
Instrument :
BNA_F
ClientSampleId :
PB162036BL

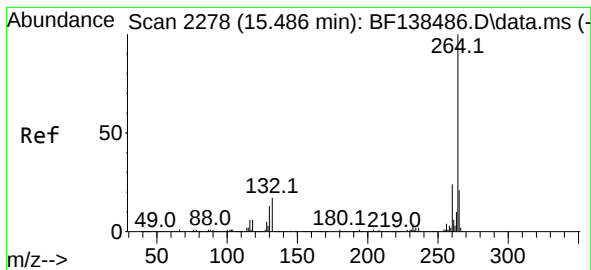
Tgt Ion:240 Resp: 456720
Ion Ratio Lower Upper
240 100
120 12.6 8.6 12.8
236 26.2 21.0 31.6



#79
Terphenyl-d14
Concen: 82.697 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.006 min
Lab File: BF138567.D
Acq: 15 Jul 2024 13:57

Tgt Ion:244 Resp: 2318396
Ion Ratio Lower Upper
244 100
212 6.9 5.5 8.3
122 10.5 7.8 11.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF138567.D
 Acq: 15 Jul 2024 13:57

Instrument :
 BNA_F
 ClientSampleId :
 PB162036BL

Tgt Ion:264 Resp: 281071
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.6
 265 21.6 17.0 25.4

