

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080224\
 Data File : BF138737.D
 Acq On : 02 Aug 2024 09:43
 Operator : RC/JU
 Sample : PB162320BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162320BL

Quant Time: Aug 02 10:56:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

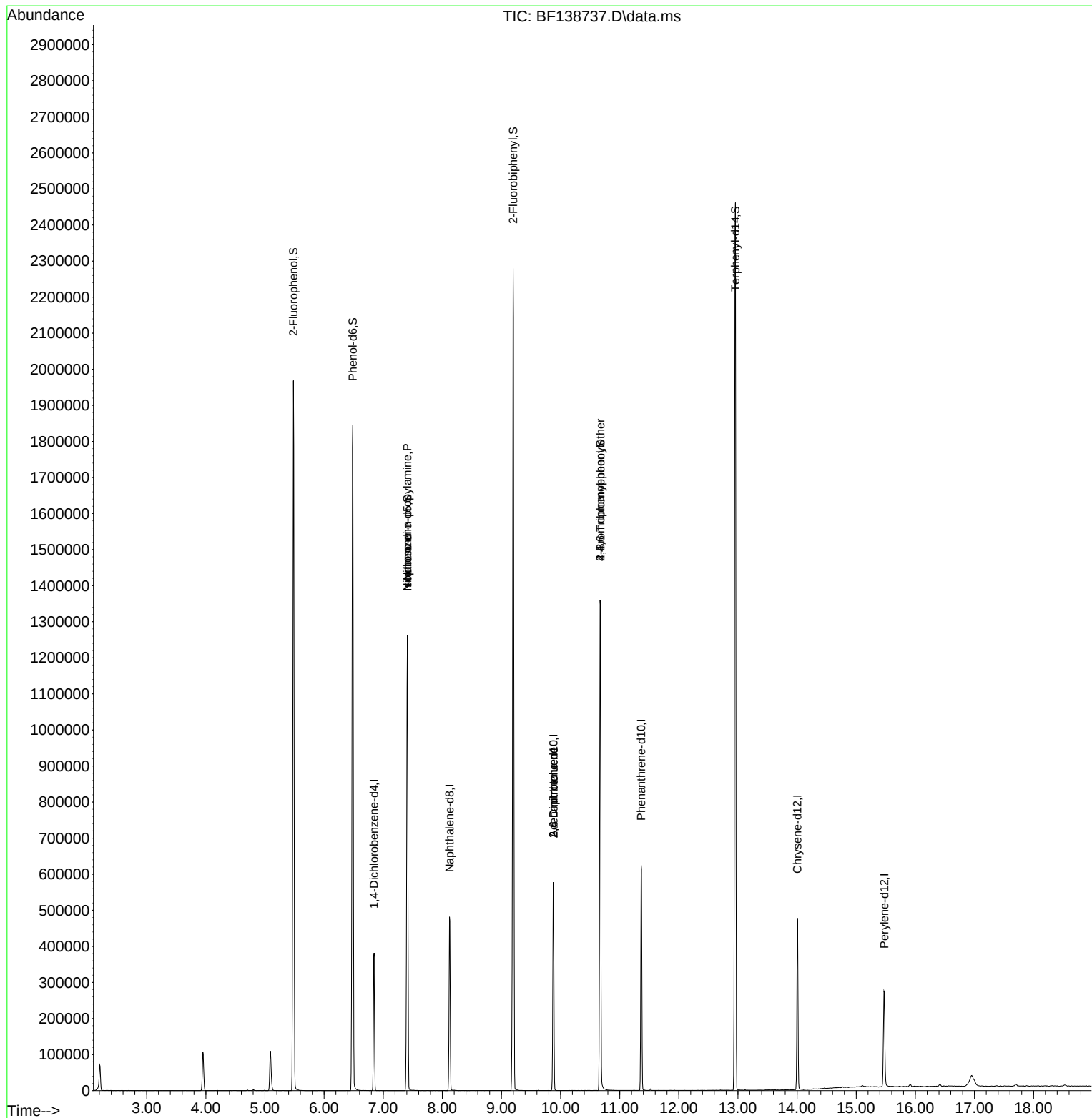
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	77621	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	313051	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	178650	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	331005	20.000	ng	0.00
76) Chrysene-d12	14.004	240	223684	20.000	ng	0.00
86) Perylene-d12	15.474	264	162079	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	697661	138.744	ng	0.01
7) Phenol-d6	6.487	99	932579	138.136	ng	0.00
23) Nitrobenzene-d5	7.410	82	609722	95.224	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	220167	150.451	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1065317	89.596	ng	0.00
79) Terphenyl-d14	12.957	244	1290983	96.630	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.410	70	81927	20.092	ng	# 74
25) Isophorone	7.410	82	606474	55.470	ng	# 66
51) 2,6-Dinitrotoluene	9.880	165	22070	8.561	ng	# 21
57) 2,4-Dinitrotoluene	9.880	165	22070	6.710	ng	# 18
67) 4-Bromophenyl-phenylether	10.674	248	15923	4.443	ng	# 1

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

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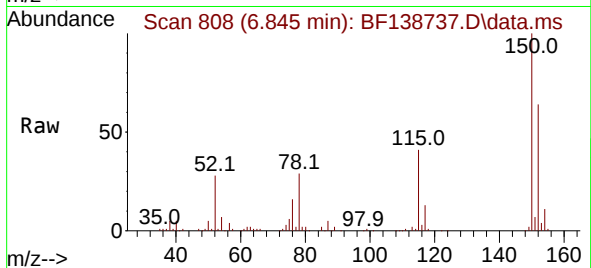
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration



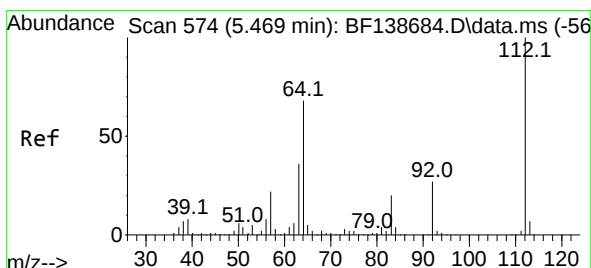
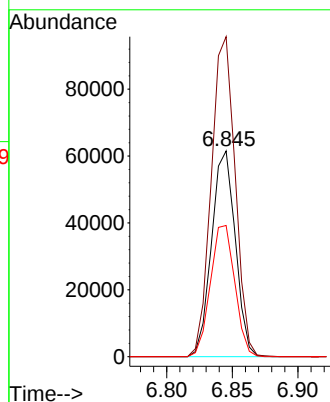
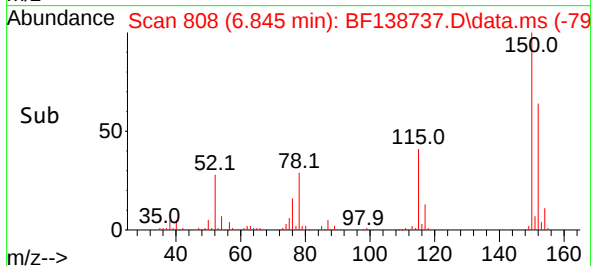


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF138737.D
Acq: 02 Aug 2024 09:43

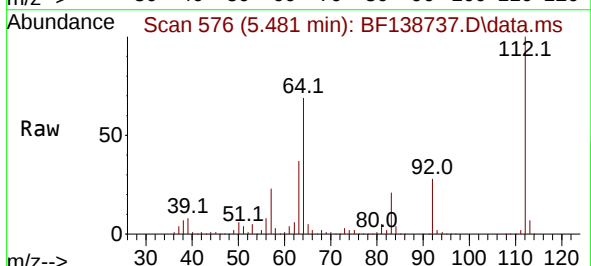
Instrument :
BNA_F
ClientSampleId :
PB162320BL



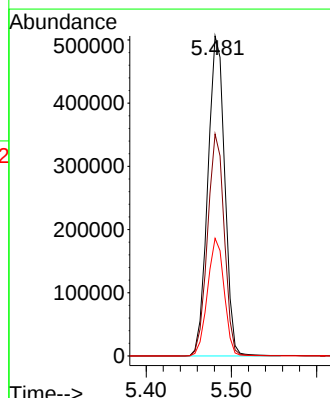
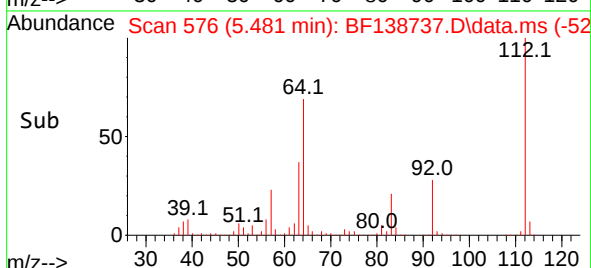
Tgt Ion:152 Resp: 77621
Ion Ratio Lower Upper
152 100
150 155.6 126.0 189.0
115 63.8 51.7 77.5

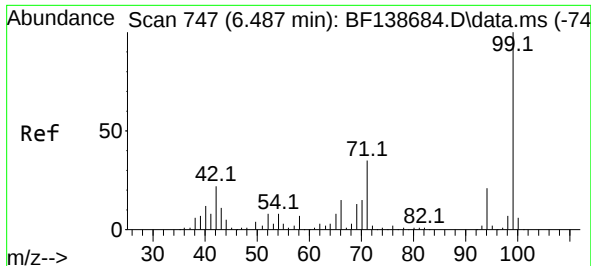


#5
2-Fluorophenol
Concen: 138.744 ng
RT: 5.481 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF138737.D
Acq: 02 Aug 2024 09:43



Tgt Ion:112 Resp: 697661
Ion Ratio Lower Upper
112 100
64 69.4 54.2 81.4
63 36.8 28.7 43.1

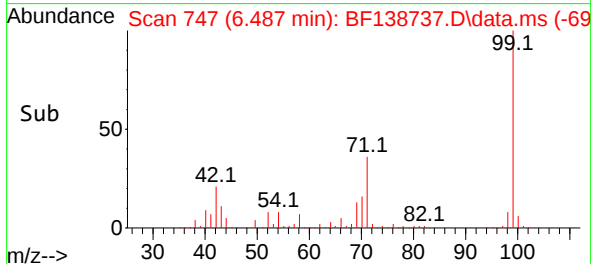
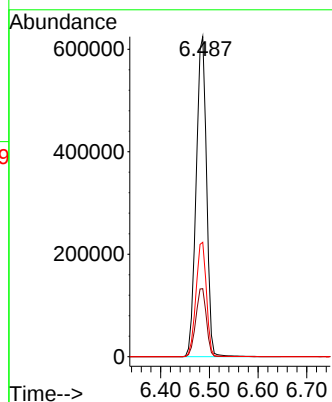
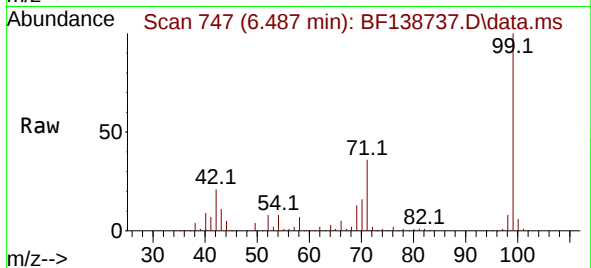




#7
Phenol-d6
Concen: 138.136 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF138737.D
Acq: 02 Aug 2024 09:43

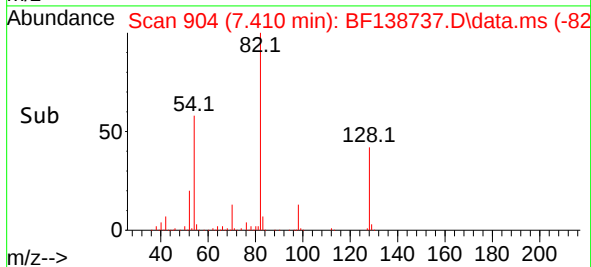
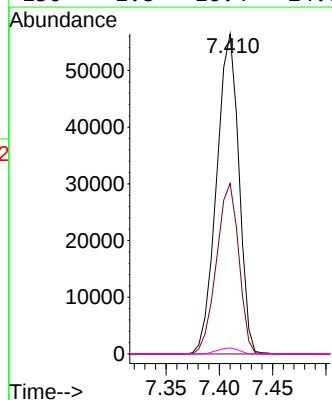
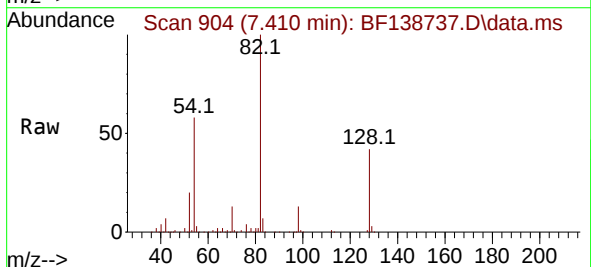
Instrument :
BNA_F
ClientSampleId :
PB162320BL

Tgt Ion: 99 Resp: 932579
Ion Ratio Lower Upper
99 100
42 21.3 17.4 26.0
71 35.8 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 20.092 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.153 min
Lab File: BF138737.D
Acq: 02 Aug 2024 09:43

Tgt Ion: 70 Resp: 81927
Ion Ratio Lower Upper
70 100
42 53.3 57.4 86.0#
101 0.0 7.5 11.3#
130 1.8 16.4 24.6#





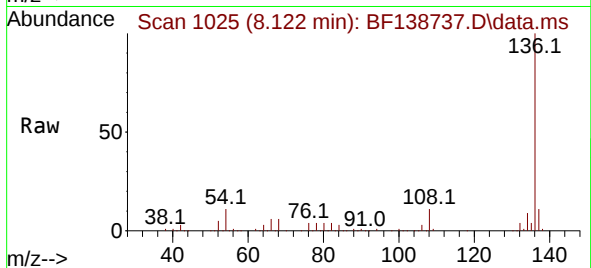
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF138737.D
Acq: 02 Aug 2024 09:43

Instrument :

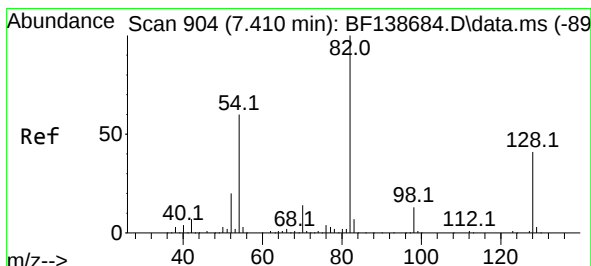
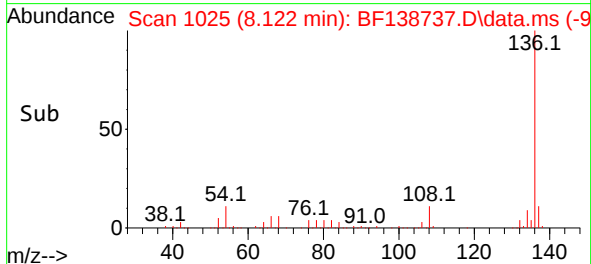
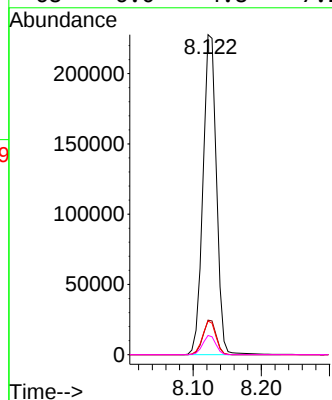
BNA_F

ClientSampleId :

PB162320BL

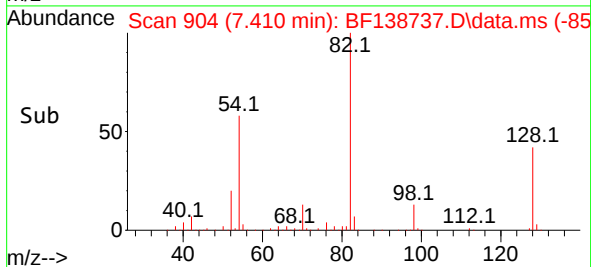
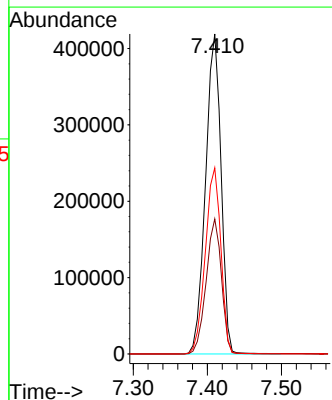
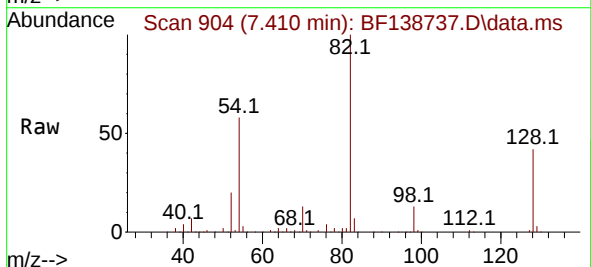


Tgt Ion:136 Resp: 313051
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 10.5 8.6 12.8
68 6.0 4.8 7.2



#23
Nitrobenzene-d5
Concen: 95.224 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.000 min
Lab File: BF138737.D
Acq: 02 Aug 2024 09:43

Tgt Ion: 82 Resp: 609722
Ion Ratio Lower Upper
82 100
128 42.2 32.8 49.2
54 58.1 48.3 72.5

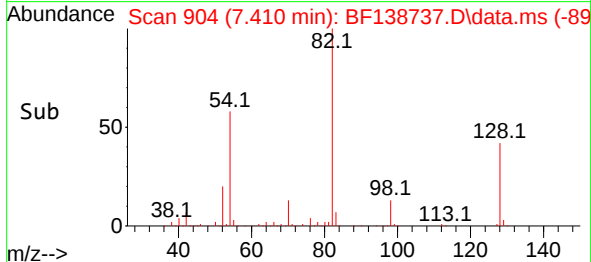
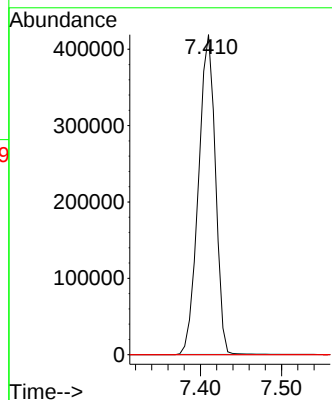
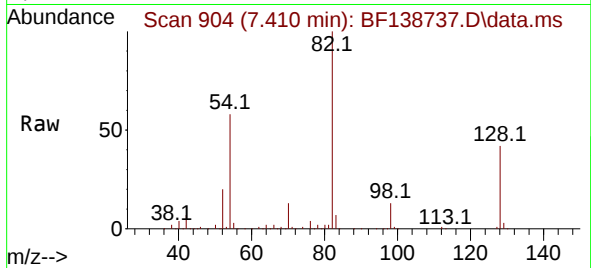




#25
Isophorone
Concen: 55.470 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.259 min
Lab File: BF138737.D
Acq: 02 Aug 2024 09:43

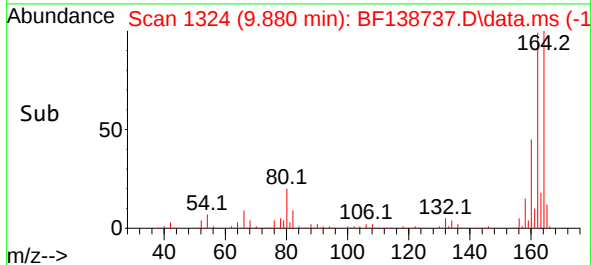
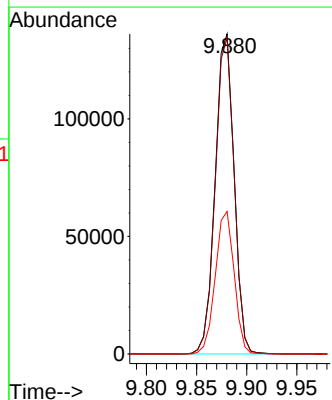
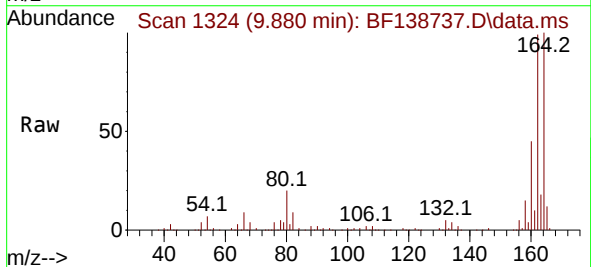
Instrument :
BNA_F
ClientSampleId :
PB162320BL

Tgt Ion: 82 Resp: 606474
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF138737.D
Acq: 02 Aug 2024 09:43

Tgt Ion: 164 Resp: 178650
Ion Ratio Lower Upper
164 100
162 98.8 79.4 119.0
160 44.6 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 150.451 ng

RT: 10.674 min Scan# 1458

Delta R.T. 0.006 min

Lab File: BF138737.D

Acq: 02 Aug 2024 09:43

Instrument :

BNA_F

ClientSampleId :

PB162320BL

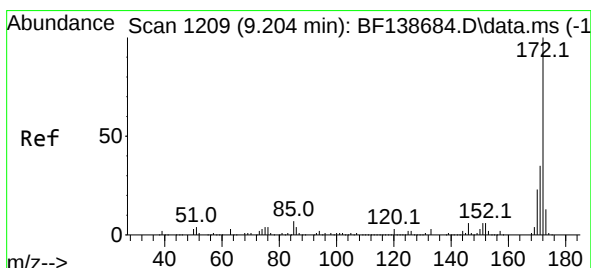
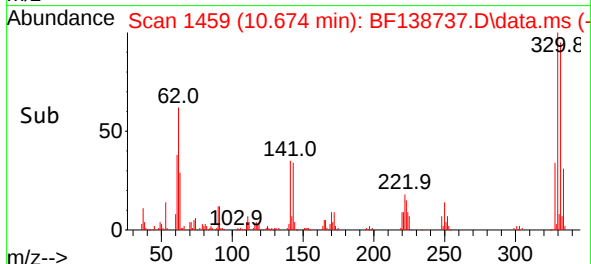
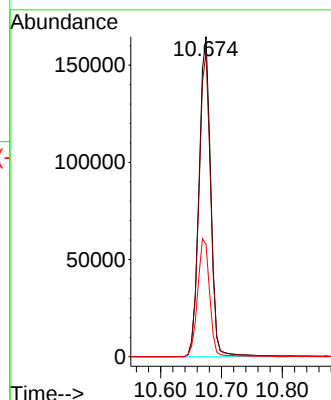
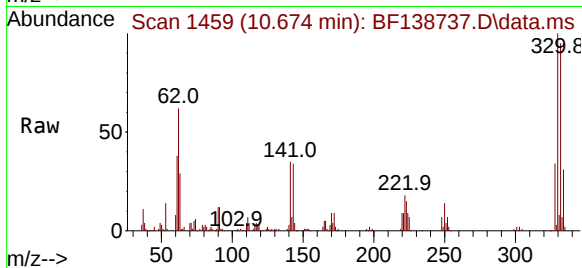
Tgt Ion:330 Resp: 220167

Ion Ratio Lower Upper

330 100

332 95.5 76.4 114.6

141 37.9 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 89.596 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF138737.D

Acq: 02 Aug 2024 09:43

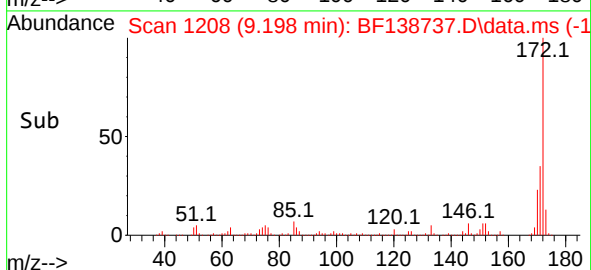
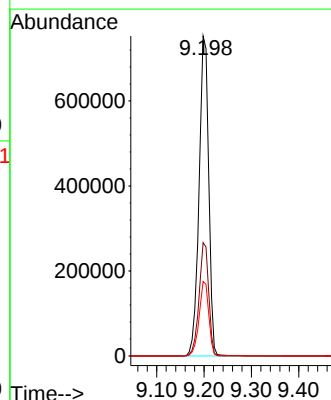
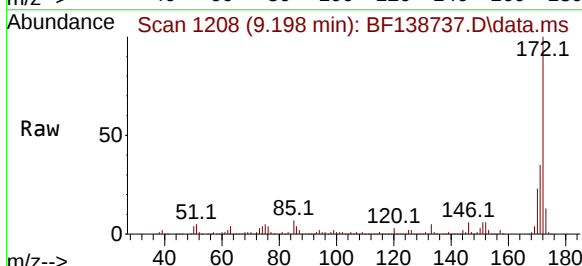
Tgt Ion:172 Resp: 1065317

Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.2 18.8 28.2





#51

2,6-Dinitrotoluene

Concen: 8.561 ng

RT: 9.880 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF138737.D

Acq: 02 Aug 2024 09:43

Instrument :

BNA_F

ClientSampleId :

PB162320BL

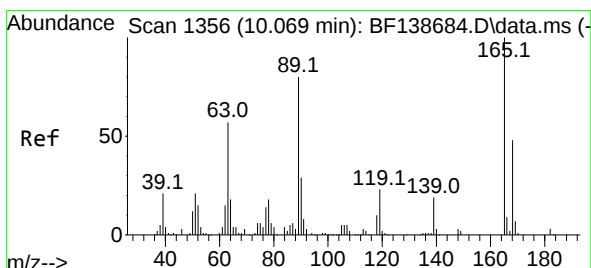
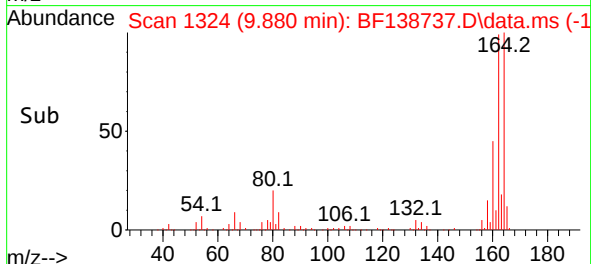
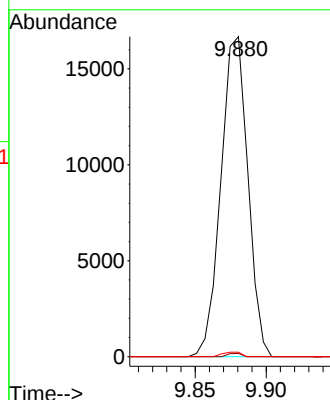
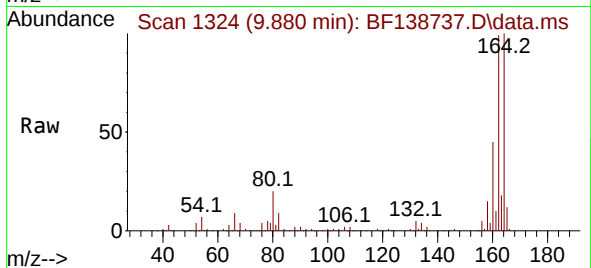
Tgt Ion:165 Resp: 22070

Ion Ratio Lower Upper

165 100

63 1.0 52.0 78.0#

89 1.4 47.0 70.6#



#57

2,4-Dinitrotoluene

Concen: 6.710 ng

RT: 9.880 min Scan# 1324

Delta R.T. -0.188 min

Lab File: BF138737.D

Acq: 02 Aug 2024 09:43

Tgt Ion:165 Resp: 22070

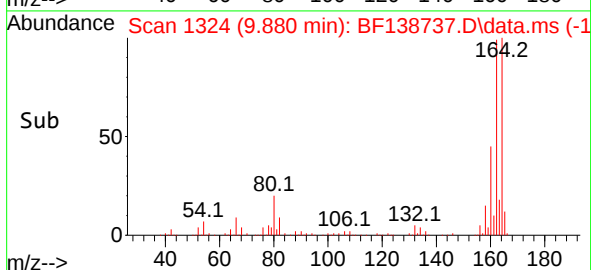
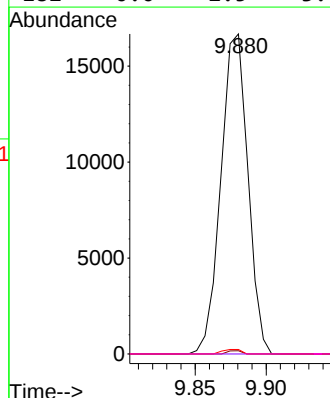
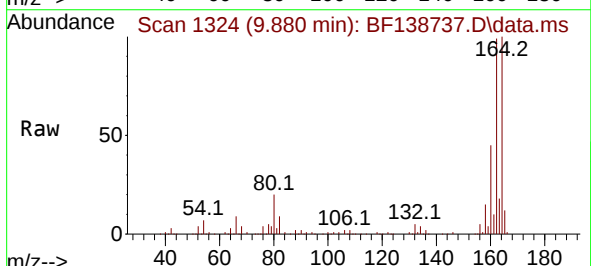
Ion Ratio Lower Upper

165 100

63 1.0 46.3 69.5#

89 1.4 64.2 96.4#

182 0.0 2.5 3.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138737.D

Acq: 02 Aug 2024 09:43

Instrument :

BNA_F

ClientSampleId :

PB162320BL

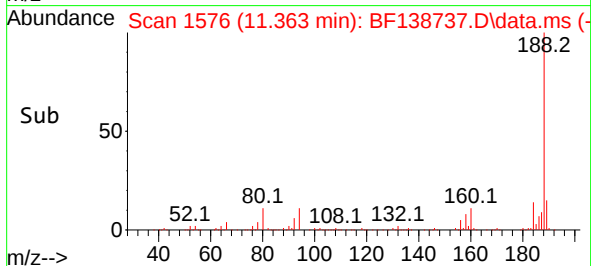
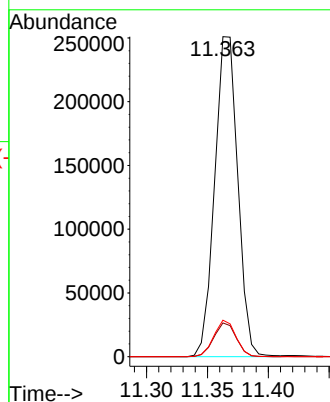
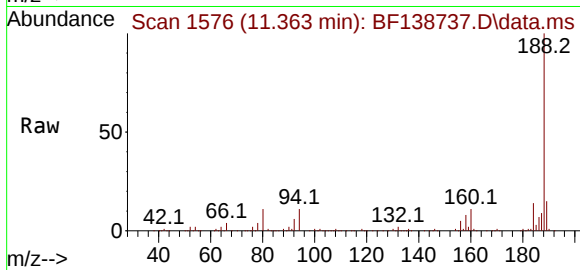
Tgt Ion:188 Resp: 331005

Ion Ratio Lower Upper

188 100

94 10.6 7.6 11.4

80 11.4 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 4.443 ng

RT: 10.674 min Scan# 1459

Delta R.T. -0.235 min

Lab File: BF138737.D

Acq: 02 Aug 2024 09:43

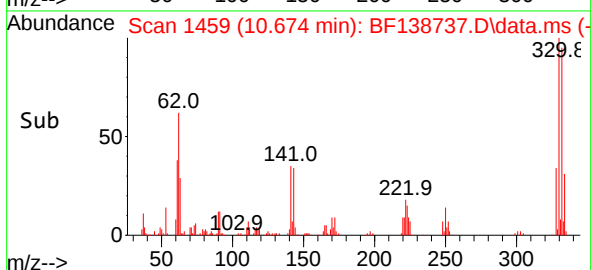
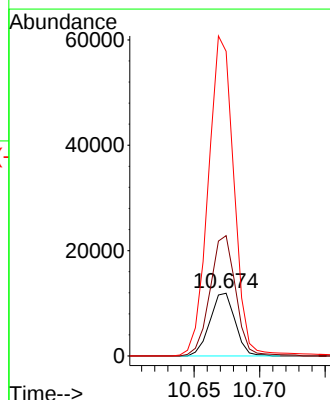
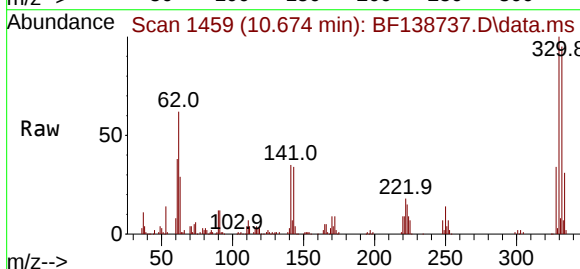
Tgt Ion:248 Resp: 15923

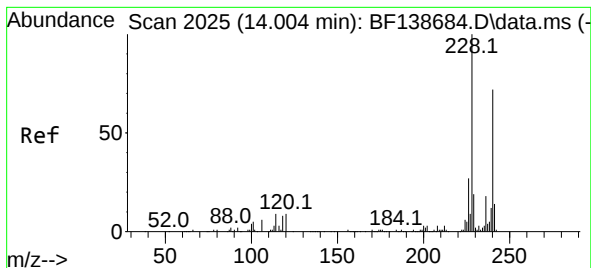
Ion Ratio Lower Upper

248 100

250 192.2 77.7 116.5#

141 486.3 68.0 102.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF138737.D

Acq: 02 Aug 2024 09:43

Instrument :

BNA_F

ClientSampleId :

PB162320BL

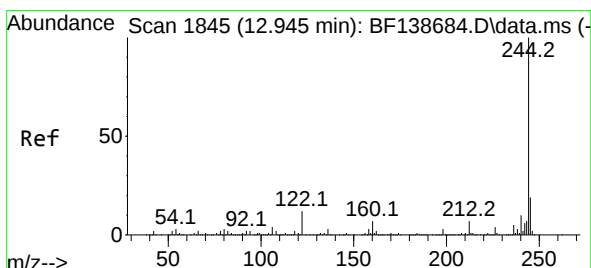
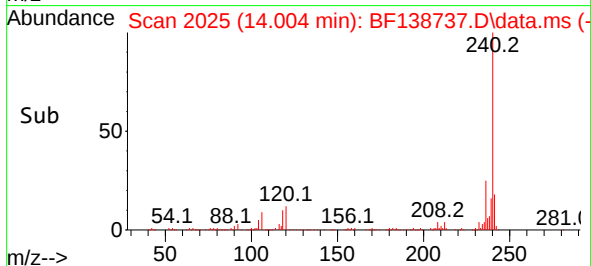
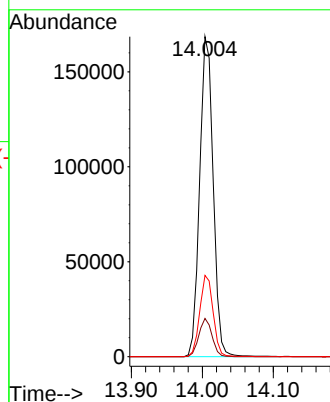
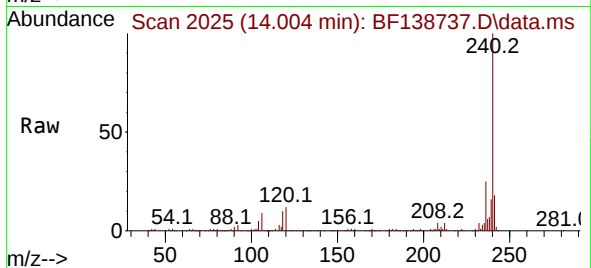
Tgt Ion:240 Resp: 223684

Ion Ratio Lower Upper

240 100

120 11.9 10.2 15.4

236 25.4 19.8 29.8



#79

Terphenyl-d14

Concen: 96.630 ng

RT: 12.957 min Scan# 1847

Delta R.T. 0.012 min

Lab File: BF138737.D

Acq: 02 Aug 2024 09:43

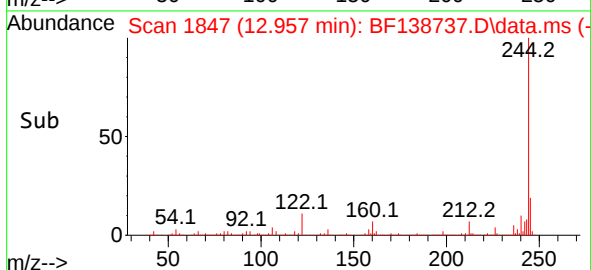
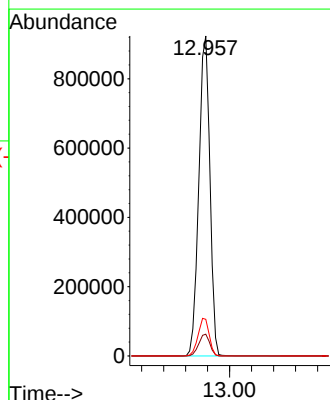
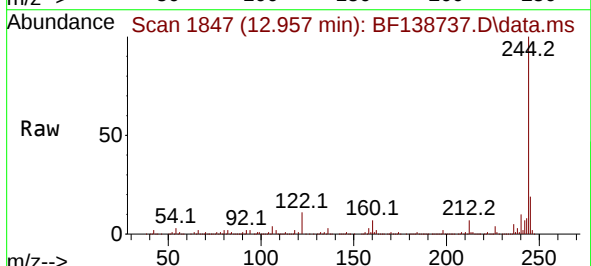
Tgt Ion:244 Resp: 1290983

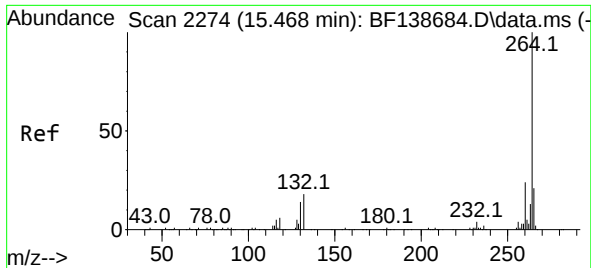
Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

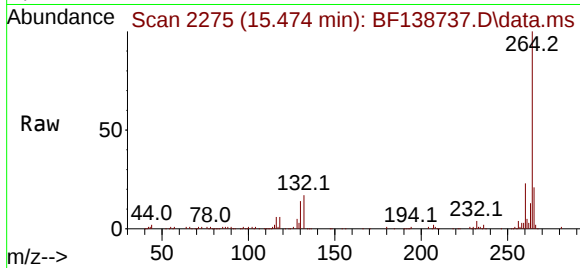
122 11.5 9.6 14.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF138737.D
Acq: 02 Aug 2024 09:43

Instrument :
BNA_F
ClientSampleId :
PB162320BL



Tgt Ion:264 Resp: 162079

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.0	28.6
265	21.1	17.0	25.6

