

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081224\
 Data File : BF138932.D
 Acq On : 12 Aug 2024 14:13
 Operator : RC/JU
 Sample : P3520-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-CF-08-080624

Quant Time: Aug 12 14:34:49 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)

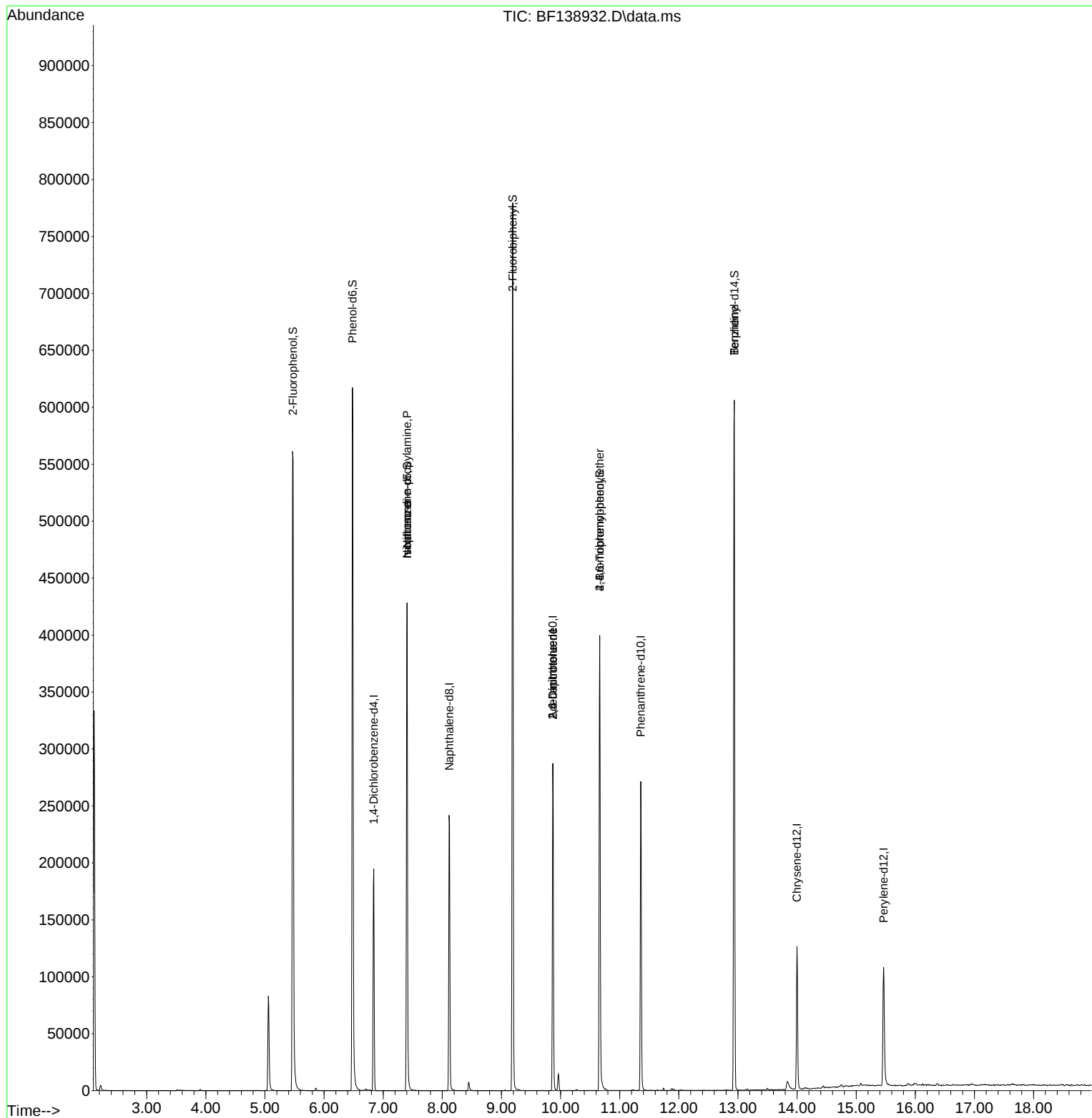
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	36625	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	151588	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	83539	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	141646	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	62462	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	69539	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	201507	84.930	ng	0.00
7) Phenol-d6	6.481	99	269409	84.574	ng	0.00
23) Nitrobenzene-d5	7.404	82	181351	58.491	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	59368	86.758	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	323516	58.186	ng	-0.01
79) Terphenyl-d14	12.939	244	290959	77.990	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	24744	12.861	ng	# 79
25) Isophorone	7.404	82	181350	34.254	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	11004	9.128	ng	# 21
57) 2,4-Dinitrotoluene	9.869	165	11004	7.155	ng	# 17
67) 4-Bromophenyl-phenylether	10.663	248	4313	2.812	ng	# 1
77) Benzydine	12.939	184	4144	2.774	ng	# 93

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

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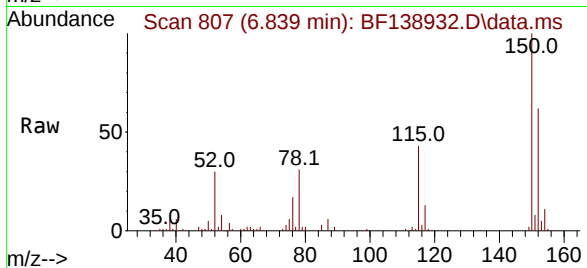
Quant Time: Aug 12 14:34:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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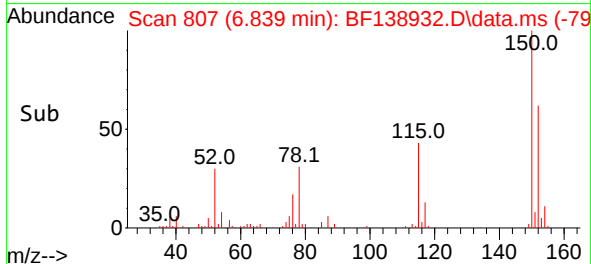
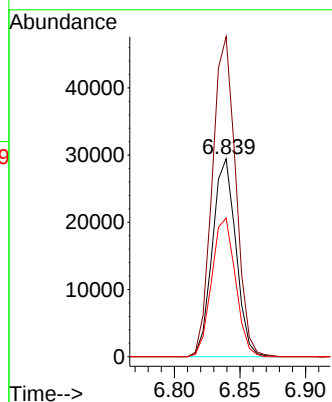


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF138932.D
Acq: 12 Aug 2024 14:13

Instrument :
BNA_F
ClientSampleId :
OU4-CF-08-080624

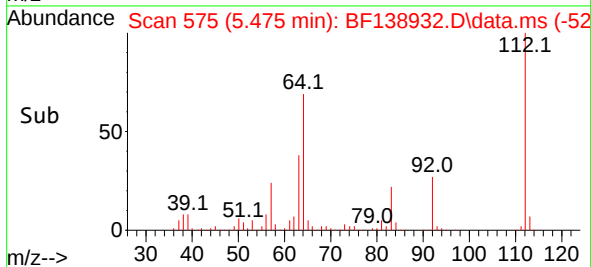
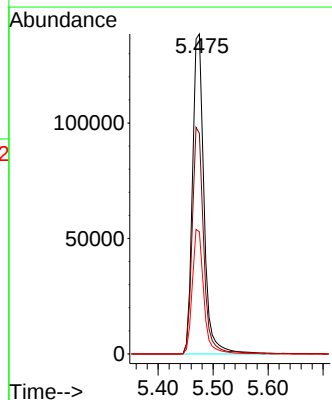
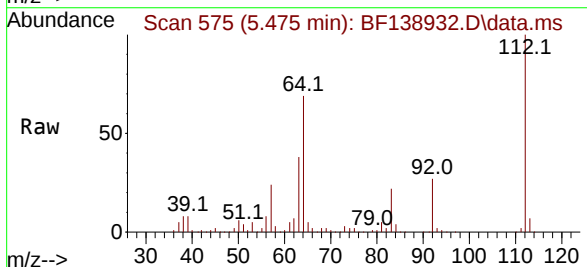


Tgt Ion:152 Resp: 36625
Ion Ratio Lower Upper
152 100
150 161.8 126.0 189.0
115 70.1 51.7 77.5



#5
2-Fluorophenol
Concen: 84.930 ng
RT: 5.475 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF138932.D
Acq: 12 Aug 2024 14:13

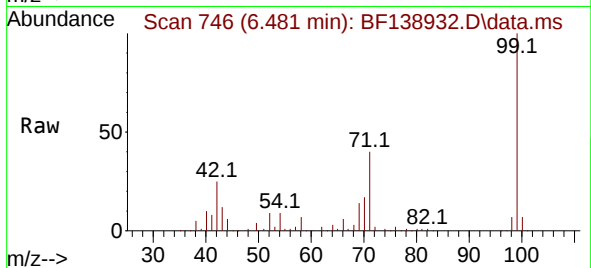
Tgt Ion:112 Resp: 201507
Ion Ratio Lower Upper
112 100
64 68.9 54.2 81.4
63 38.2 28.7 43.1



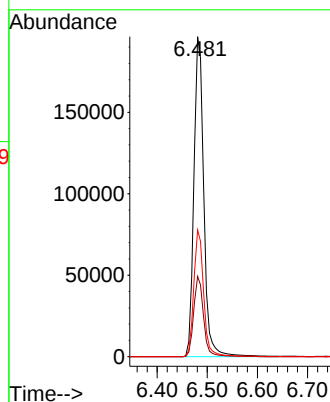
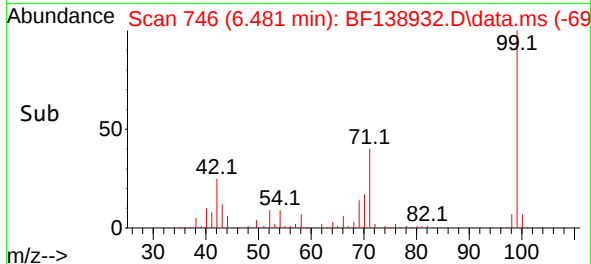


#7
Phenol-d6
Concen: 84.574 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138932.D
Acq: 12 Aug 2024 14:13

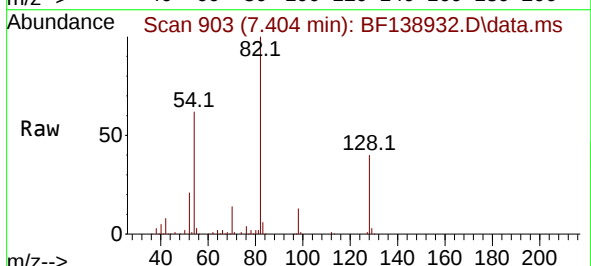
Instrument :
BNA_F
ClientSampleId :
OU4-CF-08-080624



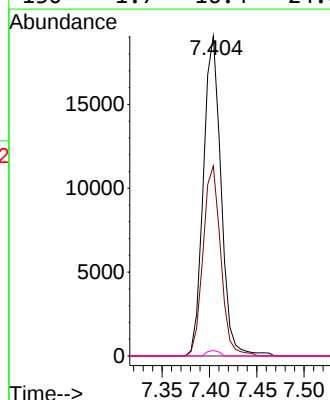
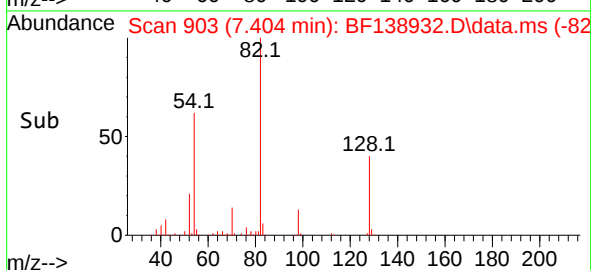
Tgt Ion: 99 Resp: 269409
Ion Ratio Lower Upper
99 100
42 25.1 17.4 26.0
71 39.6 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 12.861 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138932.D
Acq: 12 Aug 2024 14:13



Tgt Ion: 70 Resp: 24744
Ion Ratio Lower Upper
70 100
42 59.4 57.4 86.0
101 0.0 7.5 11.3#
130 1.7 16.4 24.6#

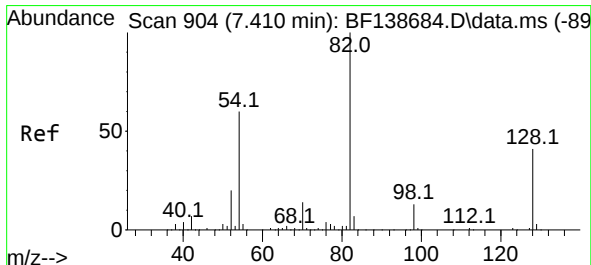
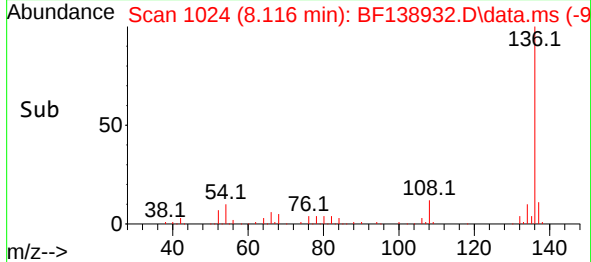
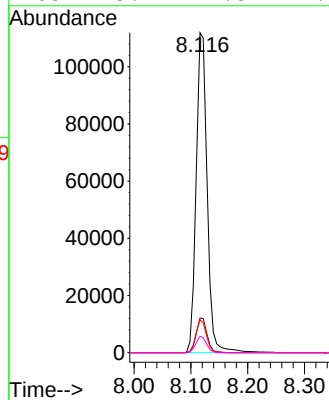
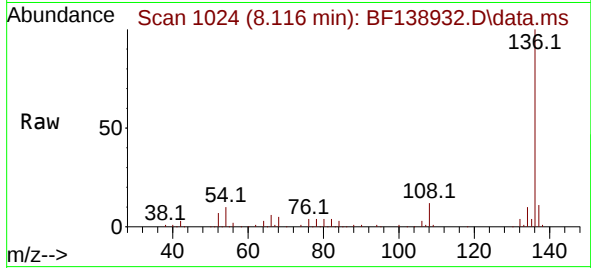




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF138932.D
Acq: 12 Aug 2024 14:13

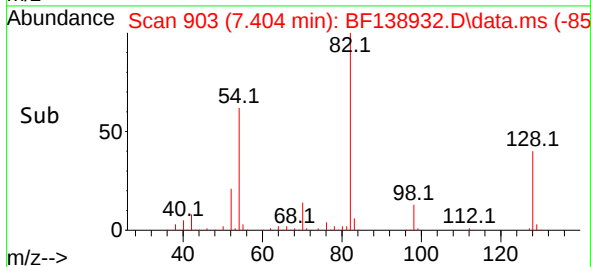
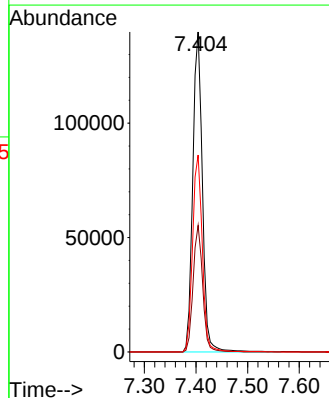
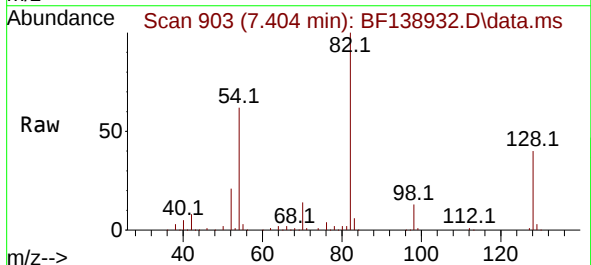
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Tgt Ion:	136	Resp:	151588
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	10.3	8.6	12.8
68	5.1	4.8	7.2



#23
Nitrobenzene-d5
Concen: 58.491 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138932.D
Acq: 12 Aug 2024 14:13

Tgt Ion:	82	Resp:	181351
Ion	Ratio	Lower	Upper
82	100		
128	39.6	32.8	49.2
54	61.5	48.3	72.5

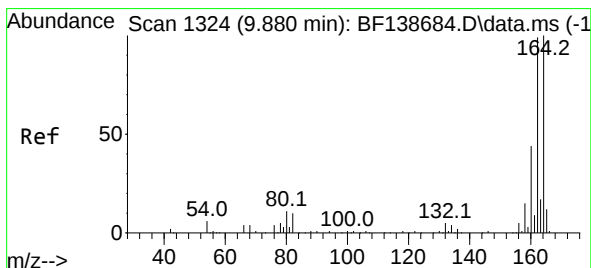
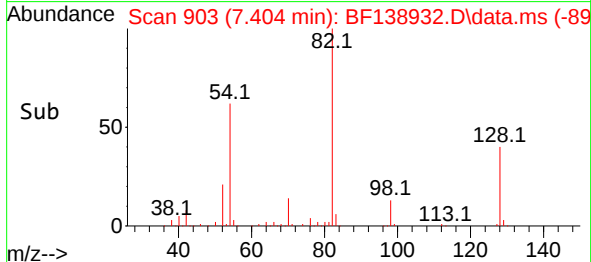
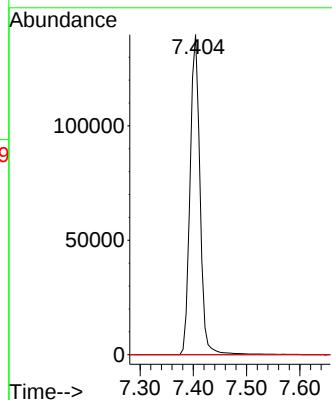
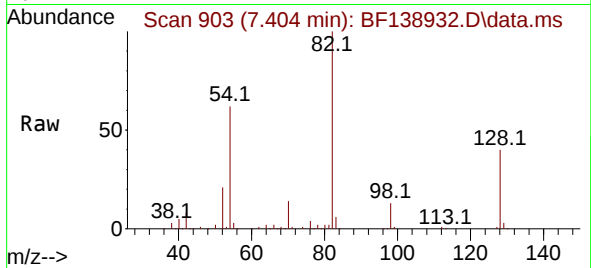




#25
Isophorone
Concen: 34.254 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138932.D
Acq: 12 Aug 2024 14:13

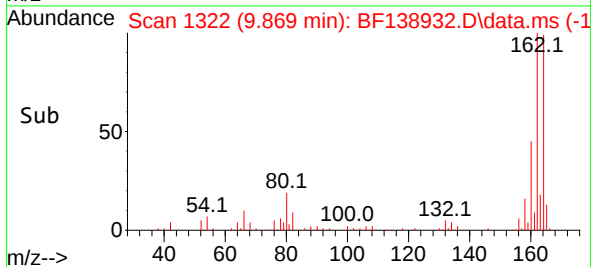
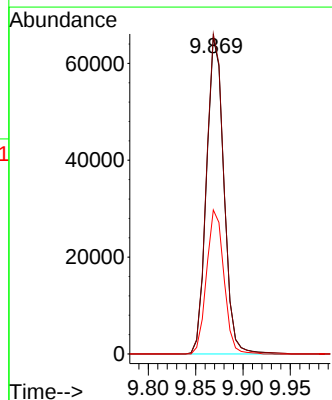
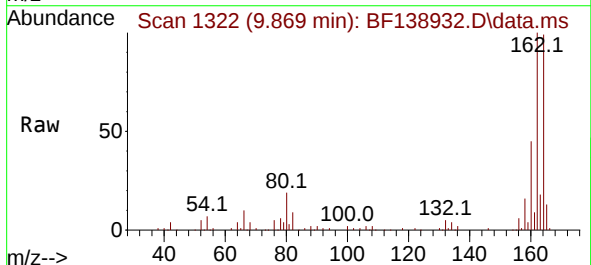
Instrument :
BNA_F
ClientSampleId :
OU4-CF-08-080624

Tgt Ion: 82 Resp: 181350
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: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF138932.D
Acq: 12 Aug 2024 14:13

Tgt Ion: 164 Resp: 83539
Ion Ratio Lower Upper
164 100
162 101.0 79.4 119.0
160 45.5 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 86.758 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF138932.D

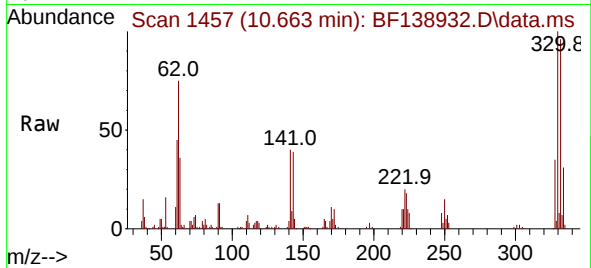
Acq: 12 Aug 2024 14:13

Instrument :

BNA_F

ClientSampleId :

OU4-CF-08-080624



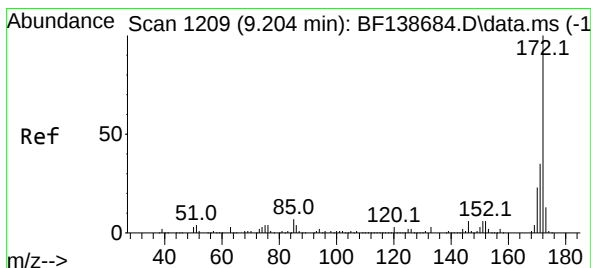
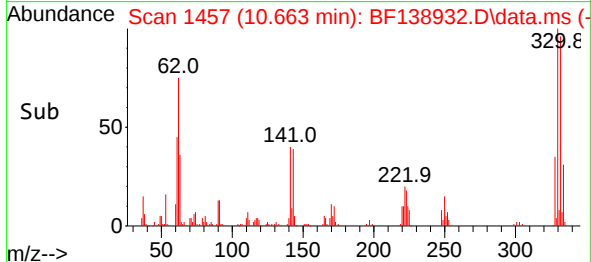
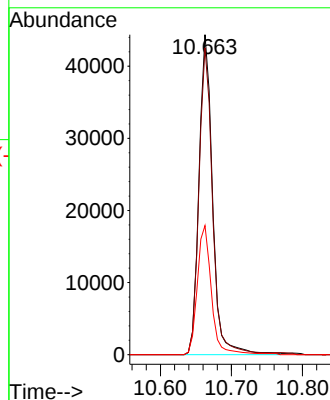
Tgt Ion:330 Resp: 59368

Ion Ratio Lower Upper

330 100

332 95.7 76.4 114.6

141 41.8 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 58.186 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.012 min

Lab File: BF138932.D

Acq: 12 Aug 2024 14:13

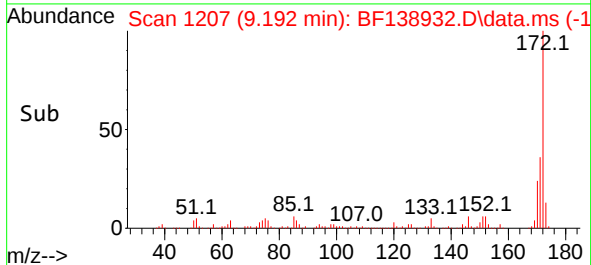
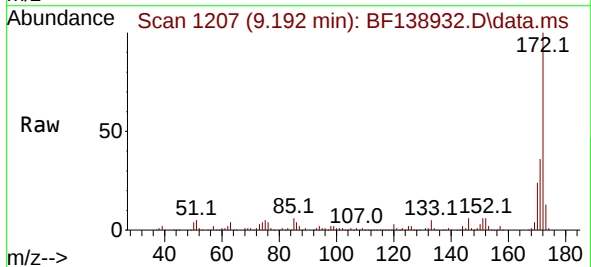
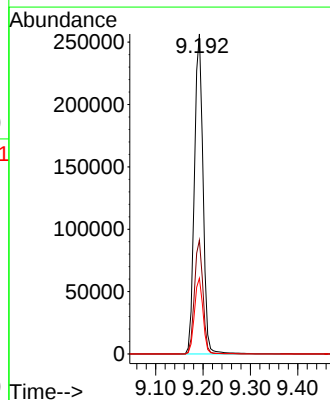
Tgt Ion:172 Resp: 323516

Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.6 18.8 28.2

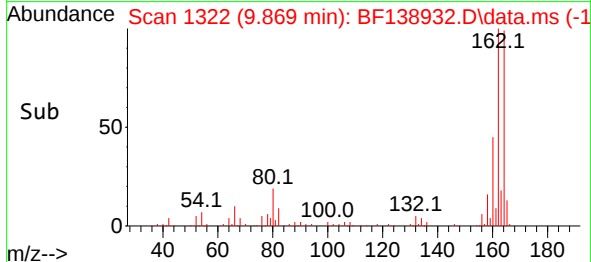
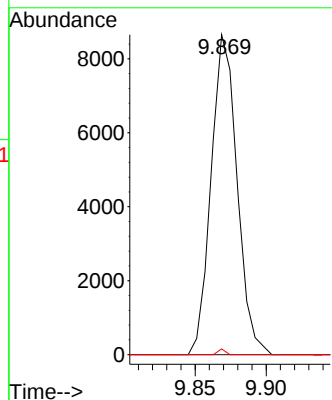
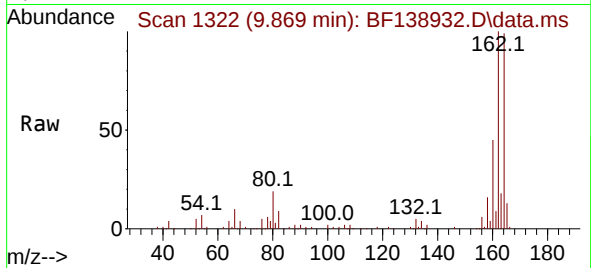




#51
2,6-Dinitrotoluene
Concen: 9.128 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138932.D
Acq: 12 Aug 2024 14:13

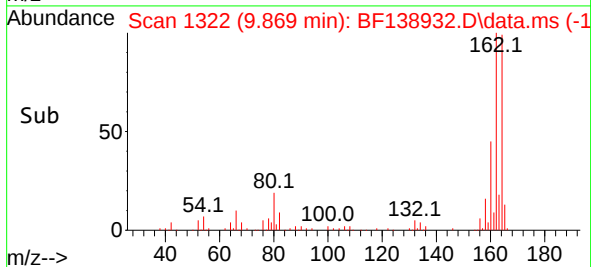
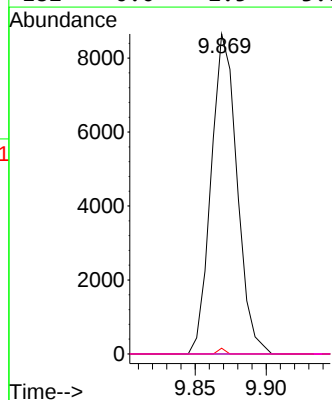
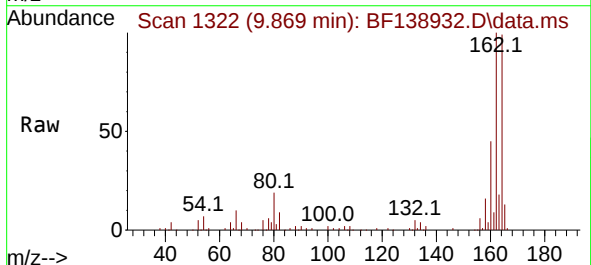
Instrument :
BNA_F
ClientSampleId :
OU4-CF-08-080624

Tgt Ion:165 Resp: 11004
Ion Ratio Lower Upper
165 100
63 0.0 52.0 78.0#
89 1.8 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 7.155 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF138932.D
Acq: 12 Aug 2024 14:13

Tgt Ion:165 Resp: 11004
Ion Ratio Lower Upper
165 100
63 0.0 46.3 69.5#
89 1.8 64.2 96.4#
182 0.0 2.5 3.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF138932.D

Acq: 12 Aug 2024 14:13

Instrument :

BNA_F

ClientSampleId :

OU4-CF-08-080624

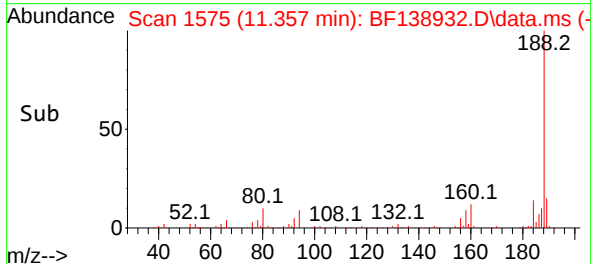
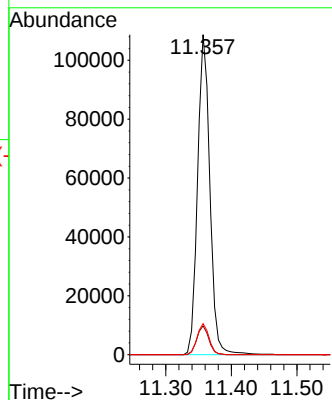
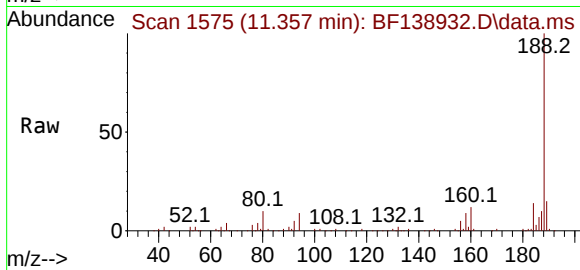
Tgt Ion:188 Resp: 141646

Ion Ratio Lower Upper

188 100

94 9.0 7.6 11.4

80 9.7 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 2.812 ng

RT: 10.663 min Scan# 1457

Delta R.T. -0.247 min

Lab File: BF138932.D

Acq: 12 Aug 2024 14:13

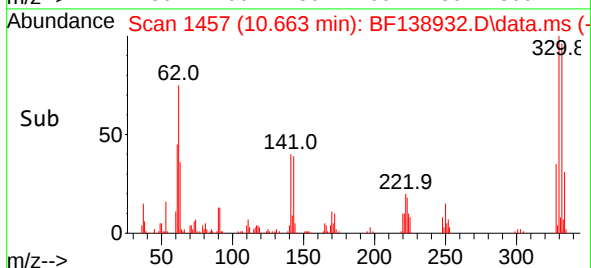
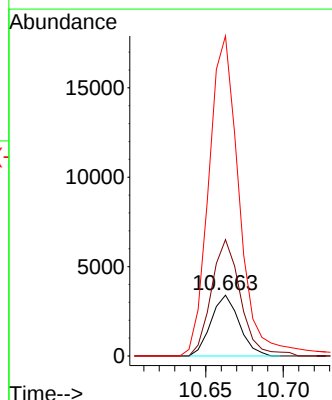
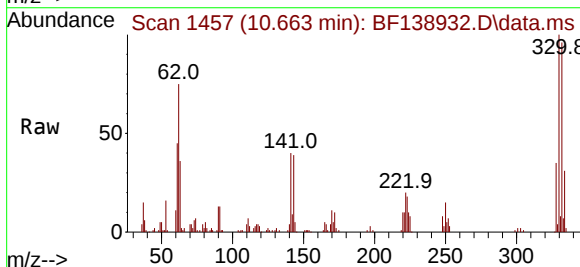
Tgt Ion:248 Resp: 4313

Ion Ratio Lower Upper

248 100

250 191.4 77.7 116.5#

141 526.6 68.0 102.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF138932.D

Acq: 12 Aug 2024 14:13

Instrument :

BNA_F

ClientSampleId :

OU4-CF-08-080624

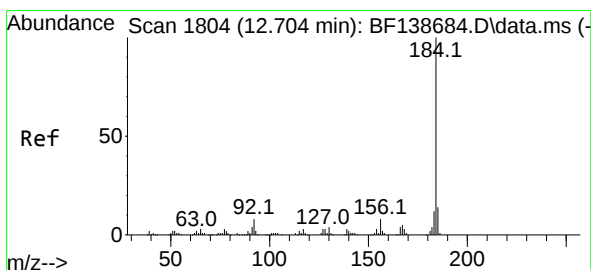
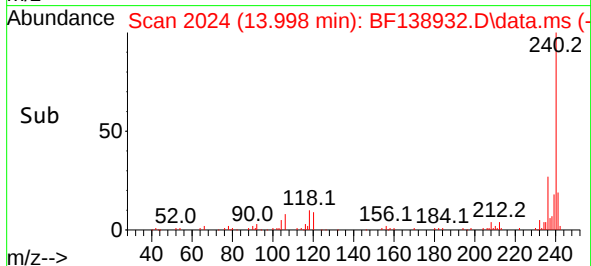
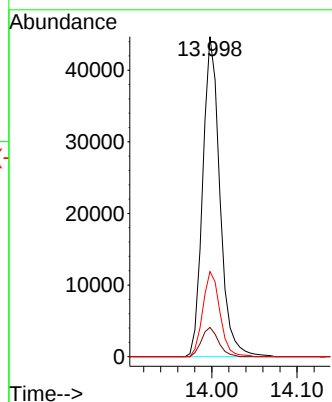
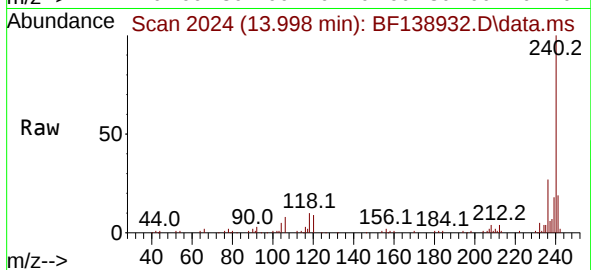
Tgt Ion:240 Resp: 62462

Ion Ratio Lower Upper

240 100

120 9.1 10.2 15.4#

236 26.6 19.8 29.8



#77

Benzidine

Concen: 2.774 ng

RT: 12.939 min Scan# 1844

Delta R.T. 0.235 min

Lab File: BF138932.D

Acq: 12 Aug 2024 14:13

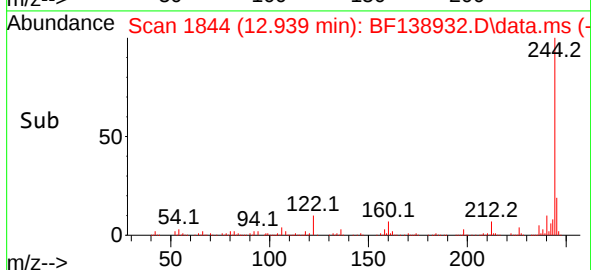
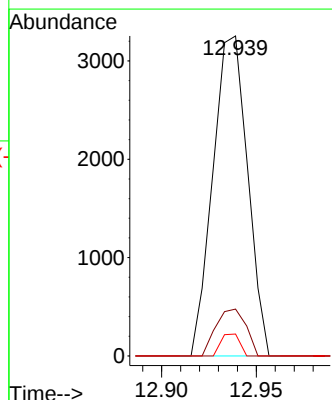
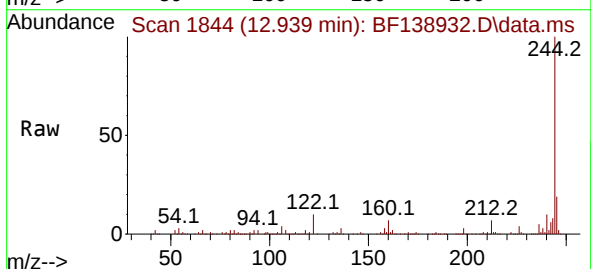
Tgt Ion:184 Resp: 4144

Ion Ratio Lower Upper

184 100

185 14.7 11.1 16.7

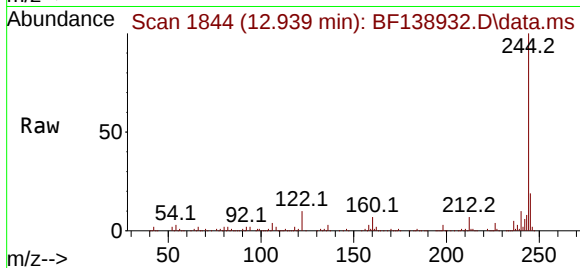
183 6.9 9.6 14.4#



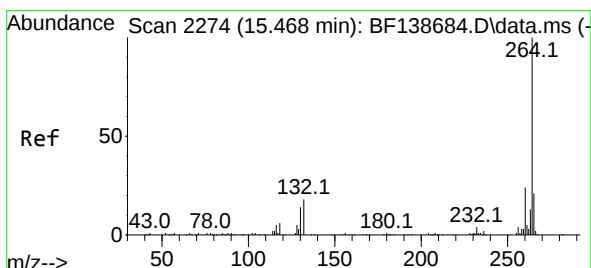
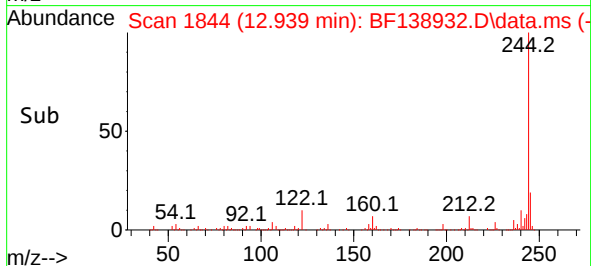
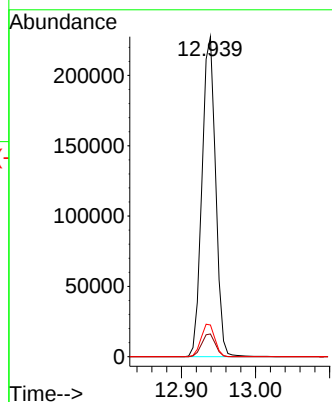


#79
Terphenyl-d14
Concen: 77.990 ng
RT: 12.939 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138932.D
Acq: 12 Aug 2024 14:13

Instrument :
BNA_F
ClientSampleId :
OU4-CF-08-080624



Tgt Ion:244 Resp: 290959
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 9.9 9.6 14.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.462 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF138932.D
Acq: 12 Aug 2024 14:13

Tgt Ion:264 Resp: 69539
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.6
265 21.2 17.0 25.6

