

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081024\
 Data File : BF138906.D
 Acq On : 10 Aug 2024 13:16
 Operator : RC/JU
 Sample : P3479-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS11

Quant Time: Aug 12 01:13:18 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)

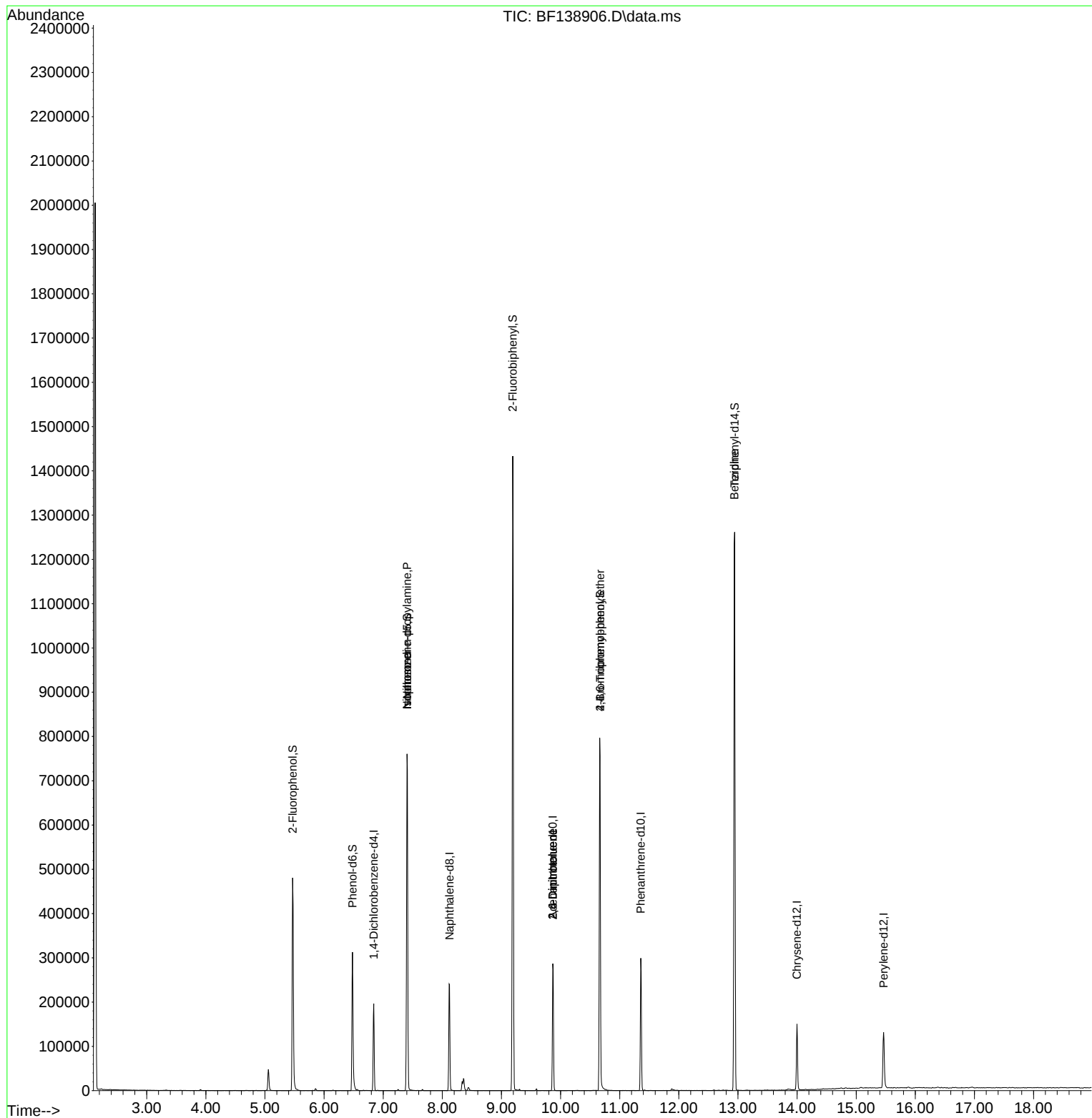
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	36947	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	150801	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	84430	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	153129	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	70301	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	78910	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	162449	67.871	ng	0.00
7) Phenol-d6	6.481	99	137683	42.845	ng	0.00
23) Nitrobenzene-d5	7.404	82	339593	110.100	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	119317	172.524	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	607459	108.102	ng	-0.01
79) Terphenyl-d14	12.945	244	613090	146.012	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	46648	24.034	ng	# 77
25) Isophorone	7.404	82	336857	63.959	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	11525	9.459	ng	# 21
57) 2,4-Dinitrotoluene	9.869	165	11525	7.414	ng	# 17
67) 4-Bromophenyl-phenylether	10.669	248	8811	5.315	ng	# 1
77) Benzydine	12.939	184	8515	5.064	ng	# 91

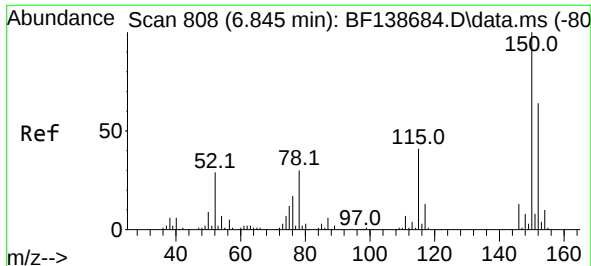
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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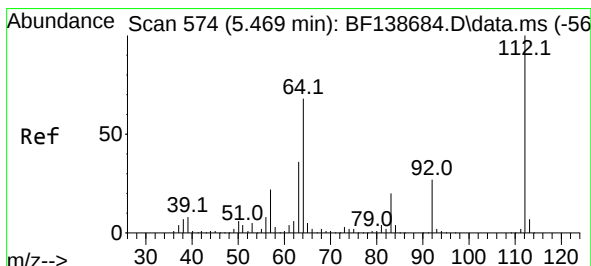
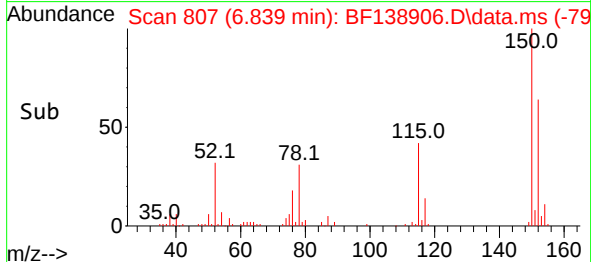
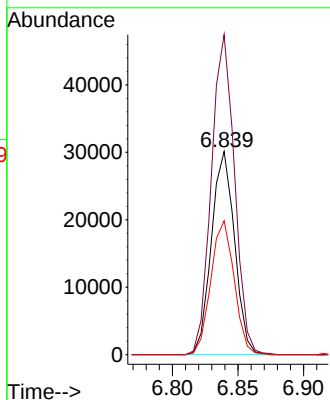
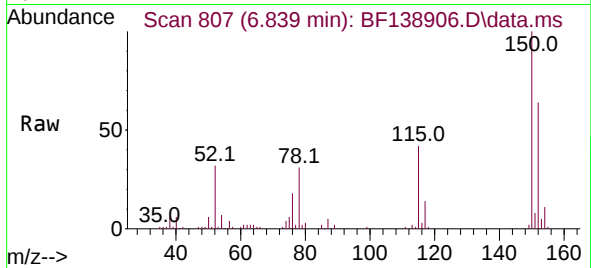




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF138906.D
Acq: 10 Aug 2024 13:16

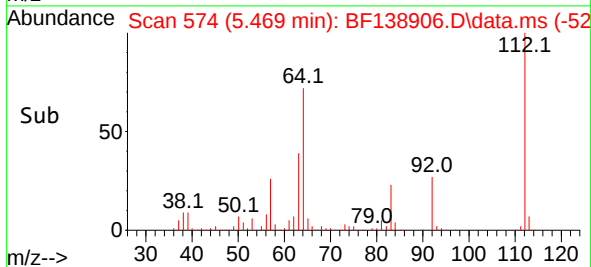
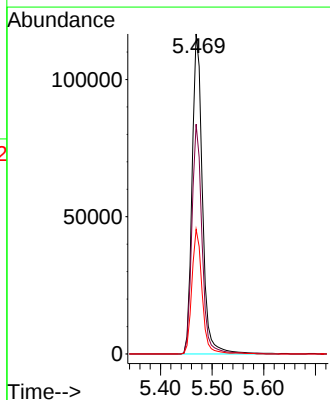
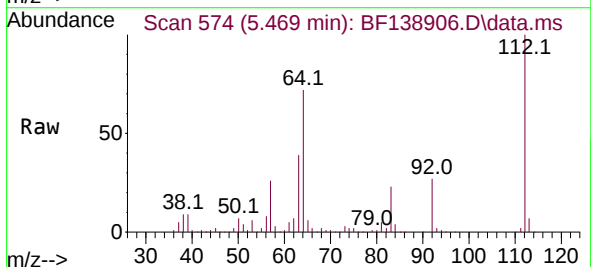
Instrument :
BNA_F
ClientSampleId :
TS11

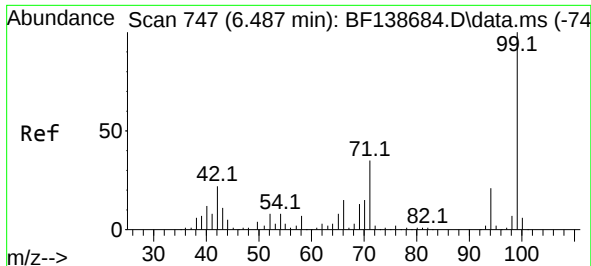
Tgt Ion:152 Resp: 36947
Ion Ratio Lower Upper
152 100
150 157.4 126.0 189.0
115 65.9 51.7 77.5



#5
2-Fluorophenol
Concen: 67.871 ng
RT: 5.469 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF138906.D
Acq: 10 Aug 2024 13:16

Tgt Ion:112 Resp: 162449
Ion Ratio Lower Upper
112 100
64 71.8 54.2 81.4
63 39.0 28.7 43.1

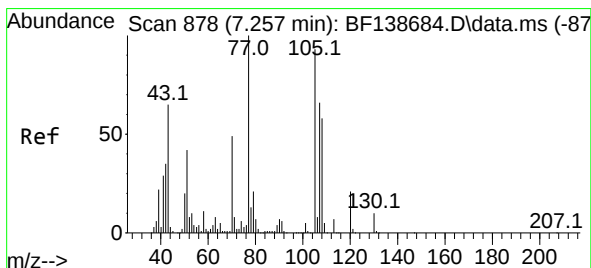
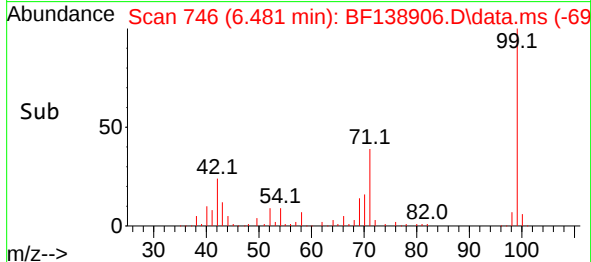
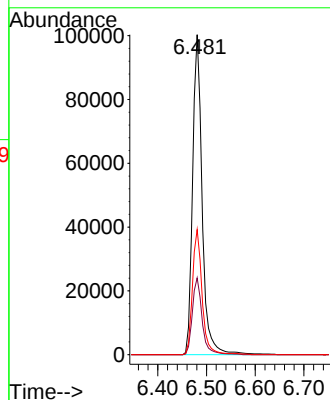
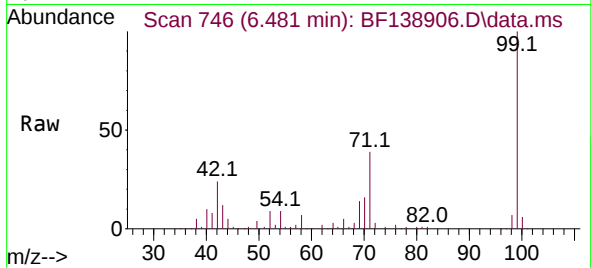




#7
Phenol-d6
Concen: 42.845 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138906.D
Acq: 10 Aug 2024 13:16

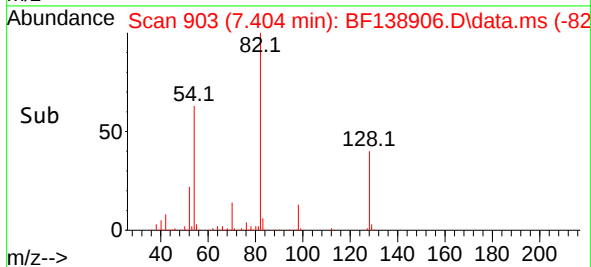
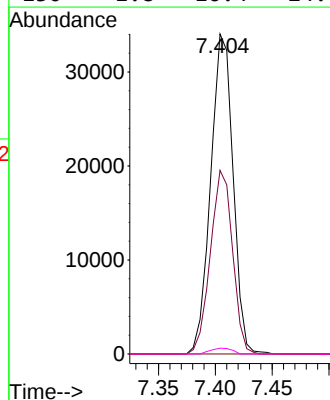
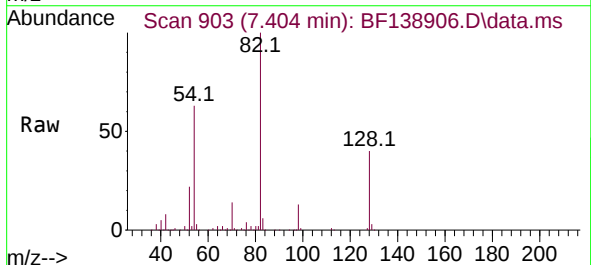
Instrument :
BNA_F
ClientSampleId :
TS11

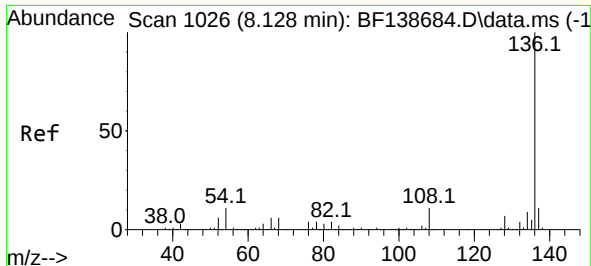
Tgt Ion: 99 Resp: 137683
Ion Ratio Lower Upper
99 100
42 24.0 17.4 26.0
71 39.1 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 24.034 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138906.D
Acq: 10 Aug 2024 13:16

Tgt Ion: 70 Resp: 46648
Ion Ratio Lower Upper
70 100
42 57.3 57.4 86.0#
101 0.0 7.5 11.3#
130 1.8 16.4 24.6#



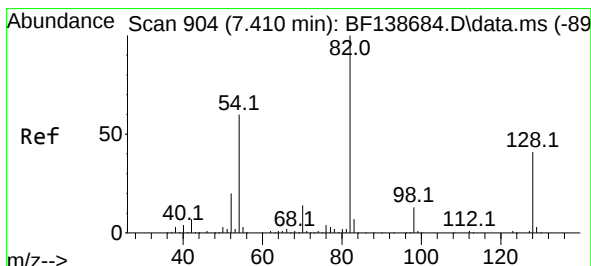
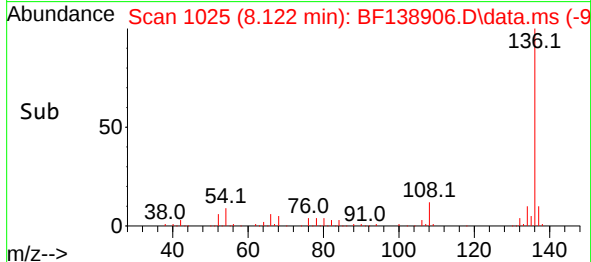
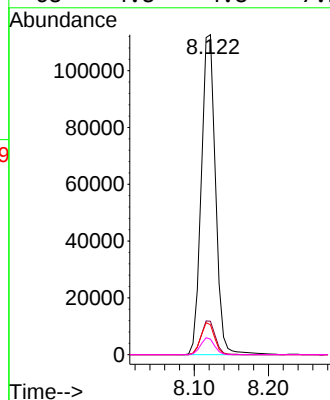
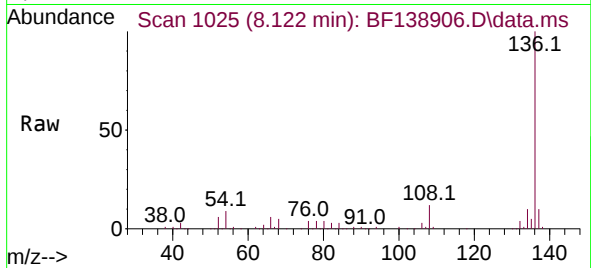


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF138906.D
Acq: 10 Aug 2024 13:16

Instrument :
BNA_F
ClientSampleId :
TS11

Tgt Ion:136 Resp: 150801

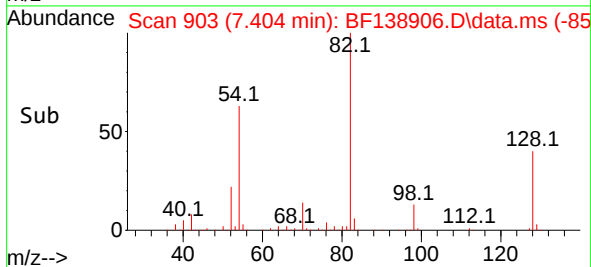
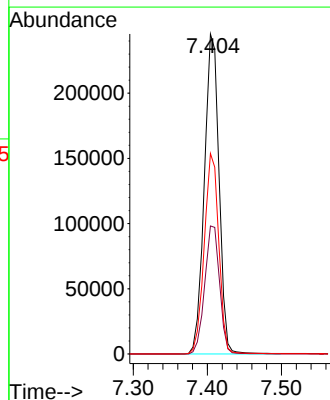
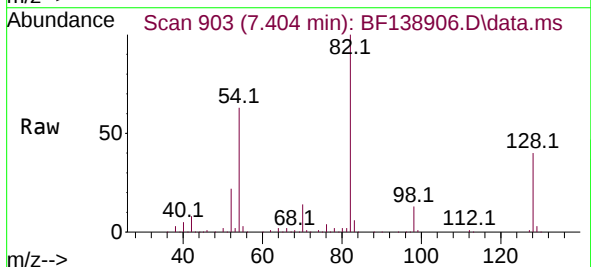
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	9.4	8.6	12.8
68	4.8	4.8	7.2

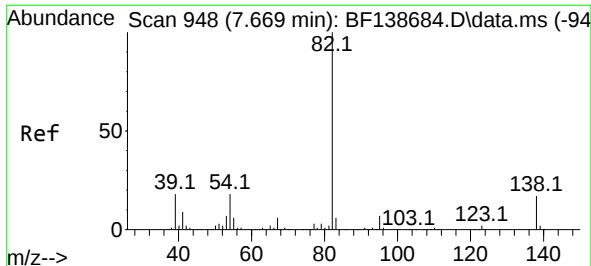


#23
Nitrobenzene-d5
Concen: 110.100 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138906.D
Acq: 10 Aug 2024 13:16

Tgt Ion: 82 Resp: 339593

Ion	Ratio	Lower	Upper
82	100		
128	40.0	32.8	49.2
54	62.6	48.3	72.5

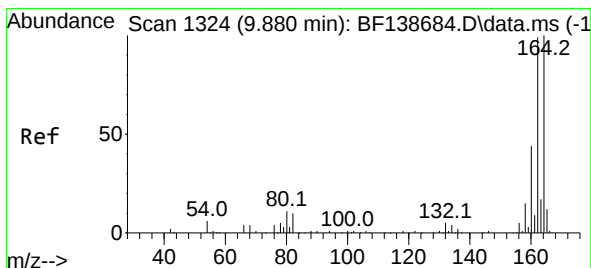
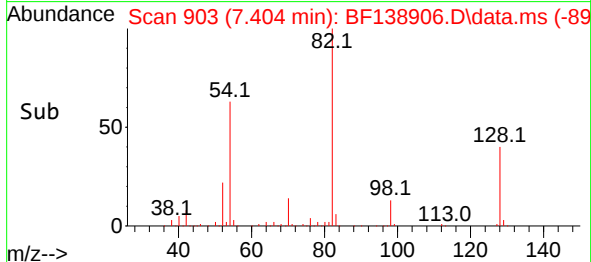
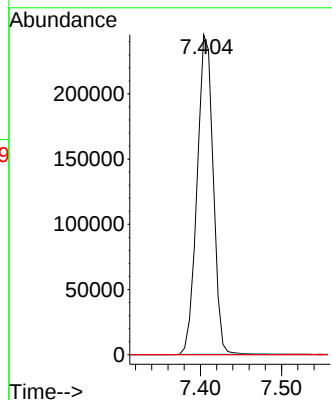
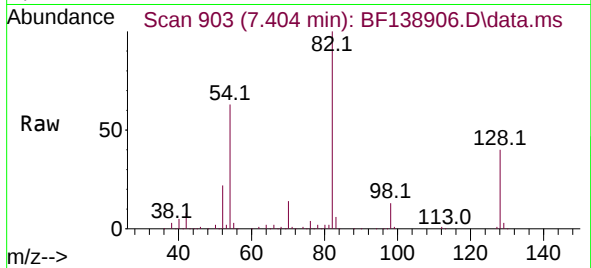




#25
Isophorone
Concen: 63.959 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138906.D
Acq: 10 Aug 2024 13:16

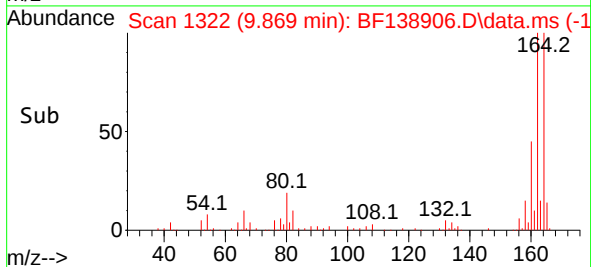
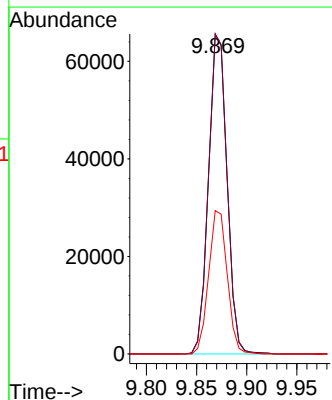
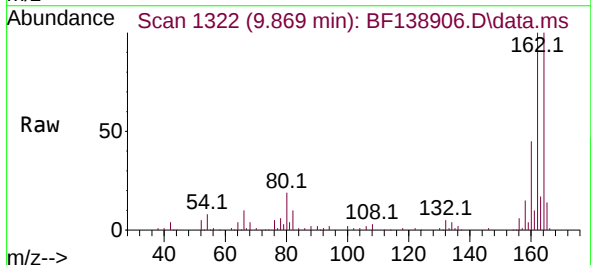
Instrument :
BNA_F
ClientSampleId :
TS11

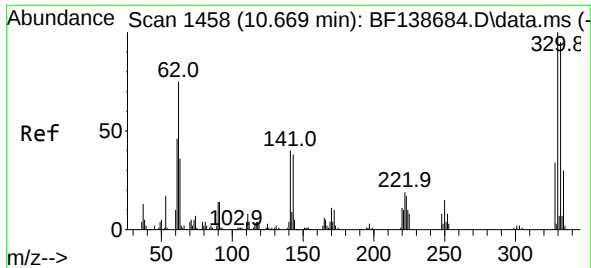
Tgt Ion: 82 Resp: 336857
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF138906.D
Acq: 10 Aug 2024 13:16

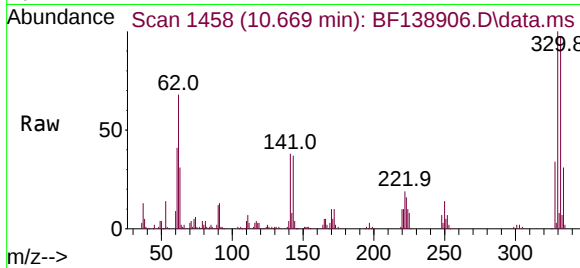
Tgt Ion:164 Resp: 84430
Ion Ratio Lower Upper
164 100
162 100.0 79.4 119.0
160 44.8 35.1 52.7



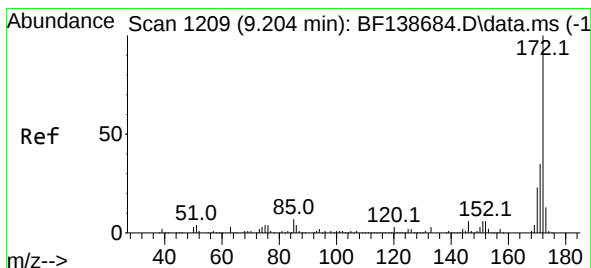
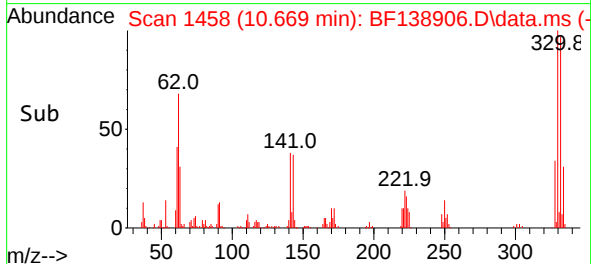
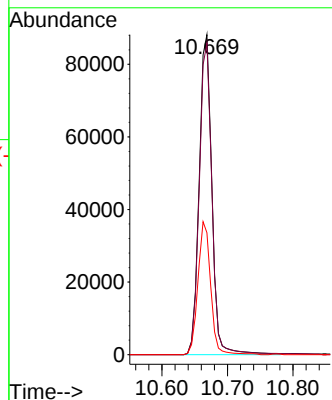


#42
 2,4,6-Tribromophenol
 Concen: 172.524 ng
 RT: 10.669 min Scan# 1458
 Delta R.T. -0.000 min
 Lab File: BF138906.D
 Acq: 10 Aug 2024 13:16

Instrument :
 BNA_F
 ClientSampleId :
 TS11

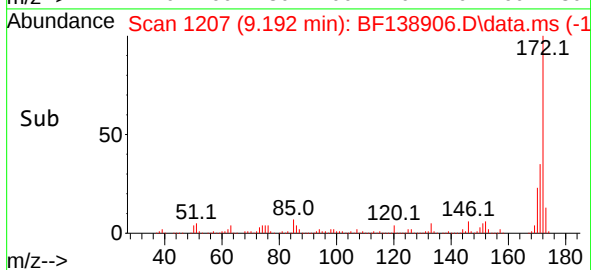
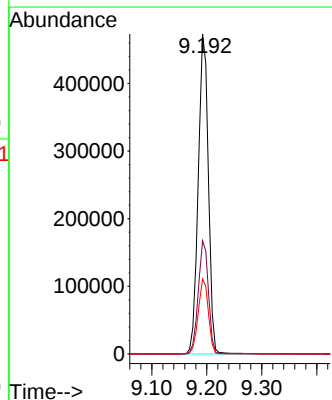
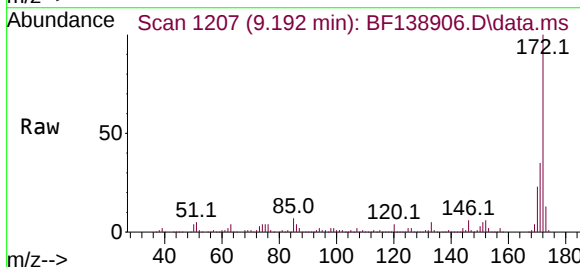


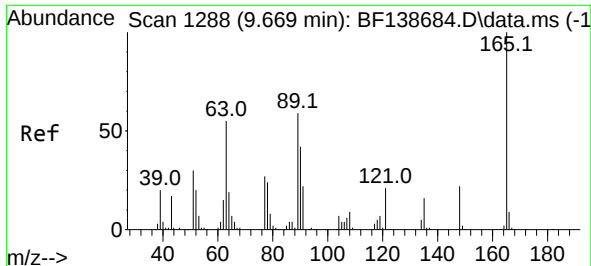
Tgt Ion:330 Resp: 119317
 Ion Ratio Lower Upper
 330 100
 332 97.9 76.4 114.6
 141 41.5 31.1 46.7



#45
 2-Fluorobiphenyl
 Concen: 108.102 ng
 RT: 9.192 min Scan# 1207
 Delta R.T. -0.012 min
 Lab File: BF138906.D
 Acq: 10 Aug 2024 13:16

Tgt Ion:172 Resp: 607459
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.3 42.5
 170 23.4 18.8 28.2

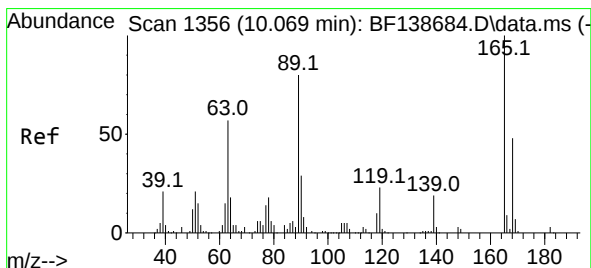
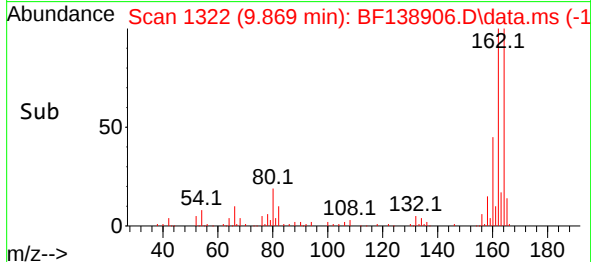
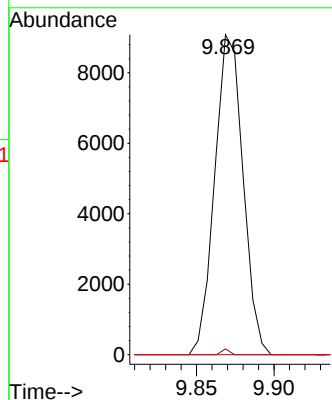
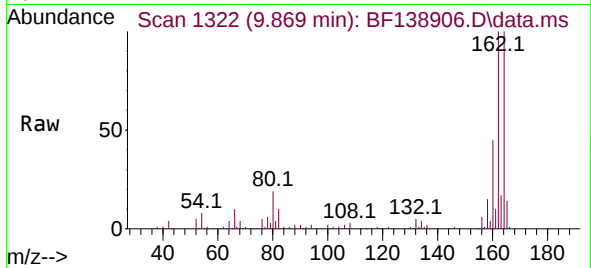




#51
2,6-Dinitrotoluene
Concen: 9.459 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138906.D
Acq: 10 Aug 2024 13:16

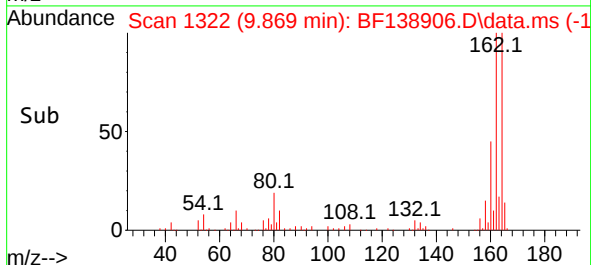
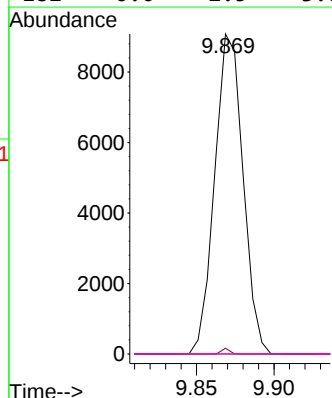
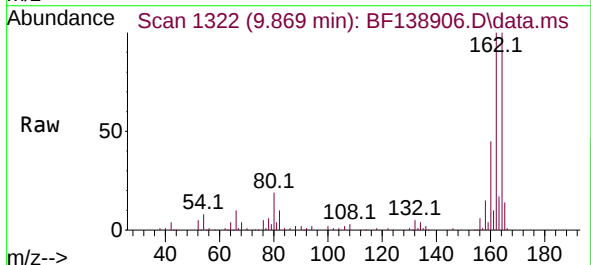
Instrument :
BNA_F
ClientSampleId :
TS11

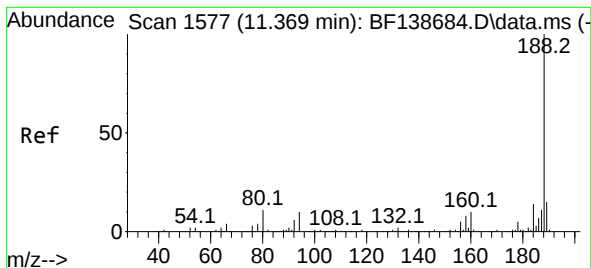
Tgt Ion:165 Resp: 11525
Ion Ratio Lower Upper
165 100
63 1.8 52.0 78.0#
89 0.0 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 7.414 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF138906.D
Acq: 10 Aug 2024 13:16

Tgt Ion:165 Resp: 11525
Ion Ratio Lower Upper
165 100
63 1.8 46.3 69.5#
89 0.0 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: BF138906.D

Acq: 10 Aug 2024 13:16

Instrument :

BNA_F

ClientSampleId :

TS11

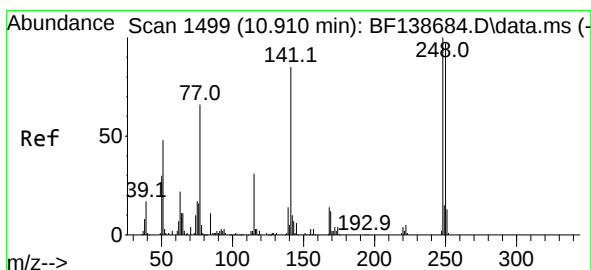
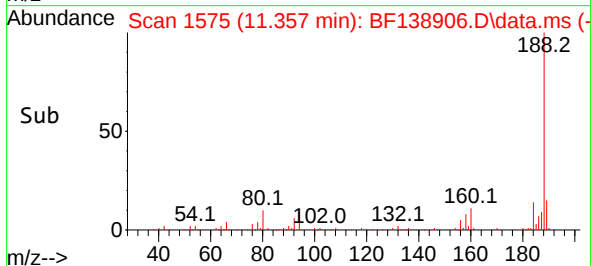
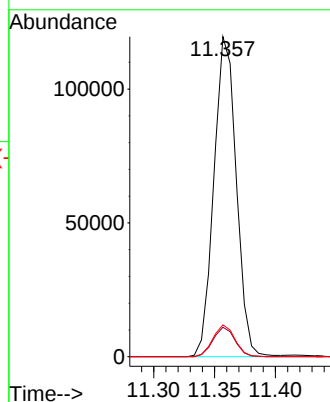
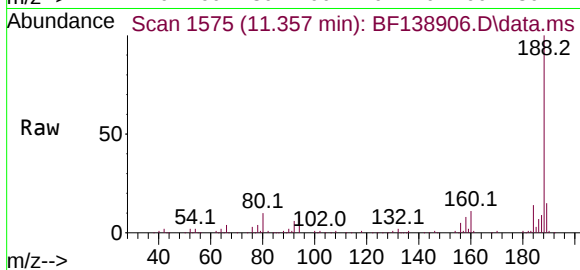
Tgt Ion:188 Resp: 153129

Ion Ratio Lower Upper

188 100

94 9.2 7.6 11.4

80 9.9 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 5.315 ng

RT: 10.669 min Scan# 1458

Delta R.T. -0.241 min

Lab File: BF138906.D

Acq: 10 Aug 2024 13:16

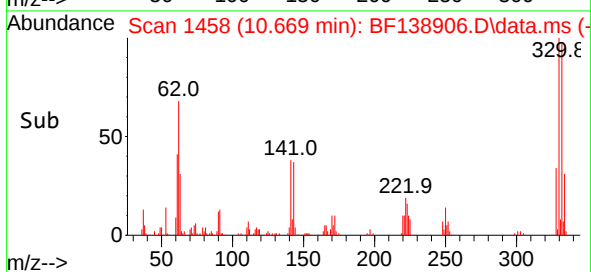
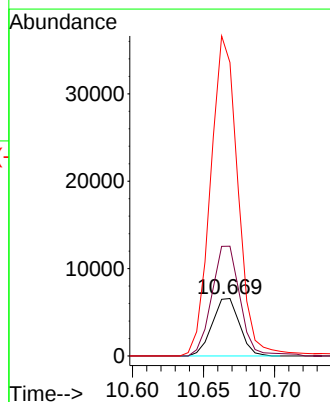
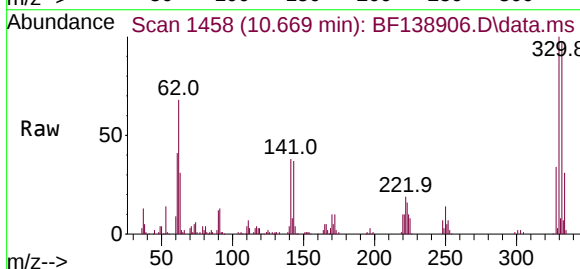
Tgt Ion:248 Resp: 8811

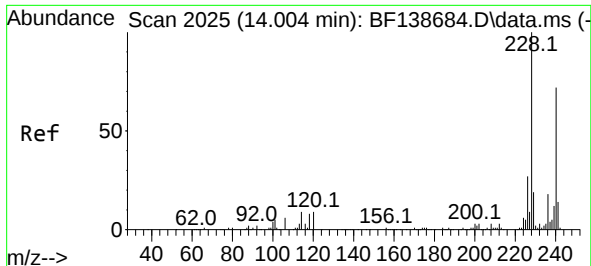
Ion Ratio Lower Upper

248 100

250 191.5 77.7 116.5#

141 511.4 68.0 102.0#

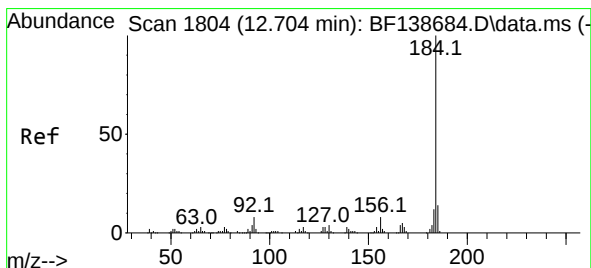
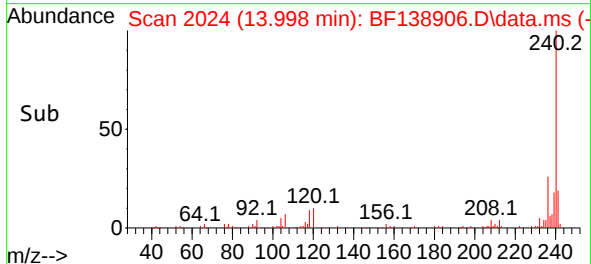
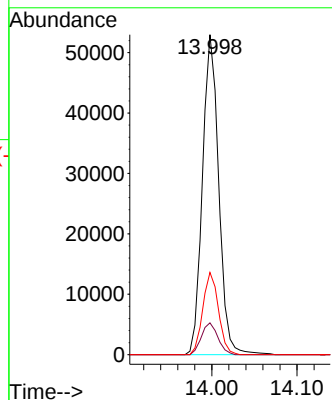
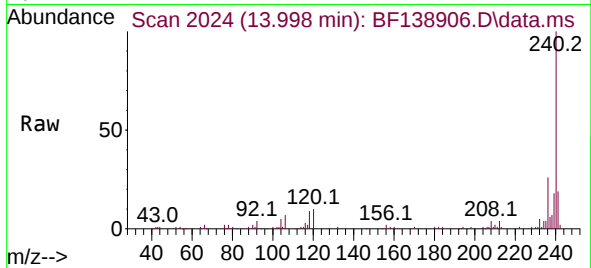




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF138906.D
Acq: 10 Aug 2024 13:16

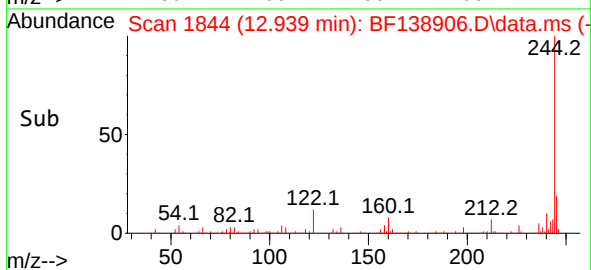
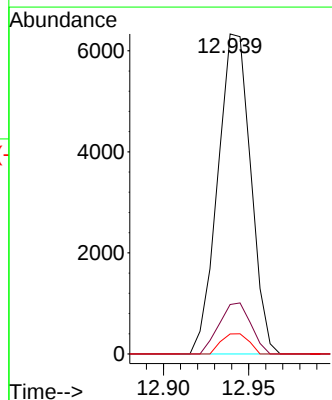
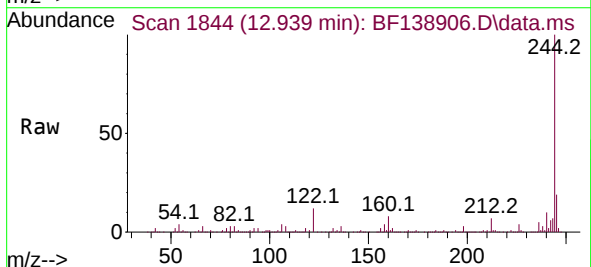
Instrument :
BNA_F
ClientSampleId :
TS11

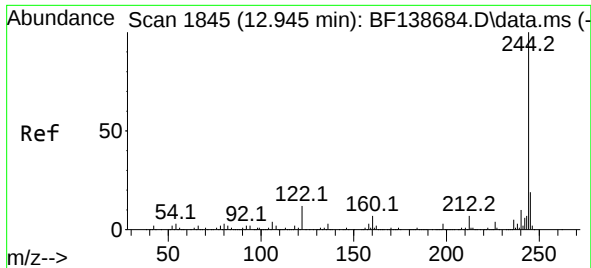
Tgt Ion:240 Resp: 70301
Ion Ratio Lower Upper
240 100
120 10.0 10.2 15.4#
236 25.7 19.8 29.8



#77
Benzidine
Concen: 5.064 ng
RT: 12.939 min Scan# 1844
Delta R.T. 0.235 min
Lab File: BF138906.D
Acq: 10 Aug 2024 13:16

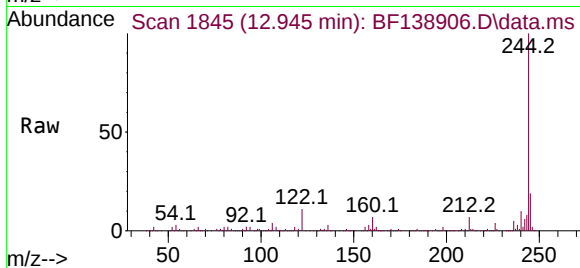
Tgt Ion:184 Resp: 8515
Ion Ratio Lower Upper
184 100
185 15.5 11.1 16.7
183 6.2 9.6 14.4#



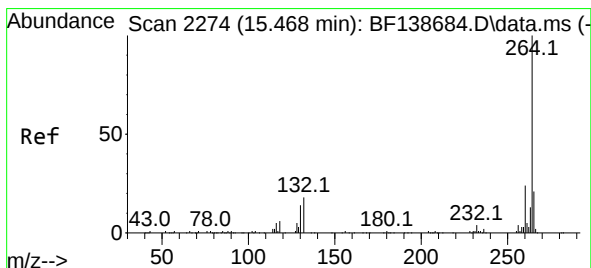
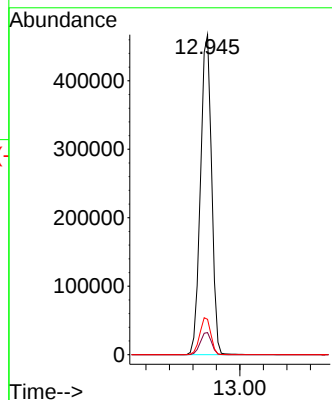
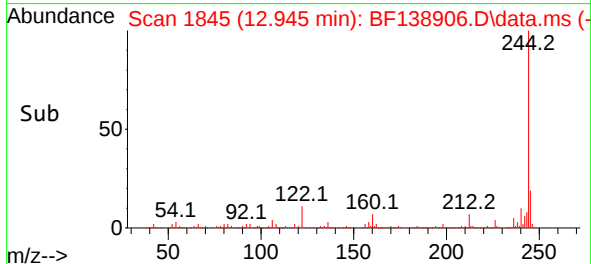


#79
 Terphenyl-d14
 Concen: 146.012 ng
 RT: 12.945 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF138906.D
 Acq: 10 Aug 2024 13:16

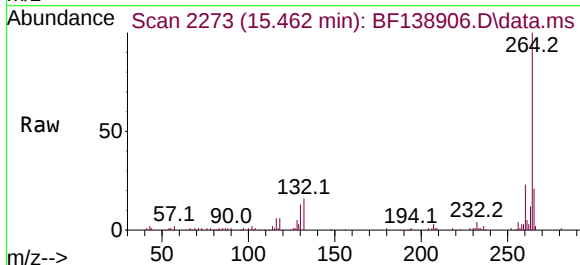
Instrument :
 BNA_F
 ClientSampleId :
 TS11



Tgt Ion:244 Resp: 613090
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 11.0 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: BF138906.D
 Acq: 10 Aug 2024 13:16



Tgt Ion:264 Resp: 78910
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.0 28.6
 265 21.1 17.0 25.6

