

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081024\
 Data File : BF138905.D
 Acq On : 10 Aug 2024 12:46
 Operator : RC/JU
 Sample : P3479-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS08

Quant Time: Aug 12 01:13:02 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)

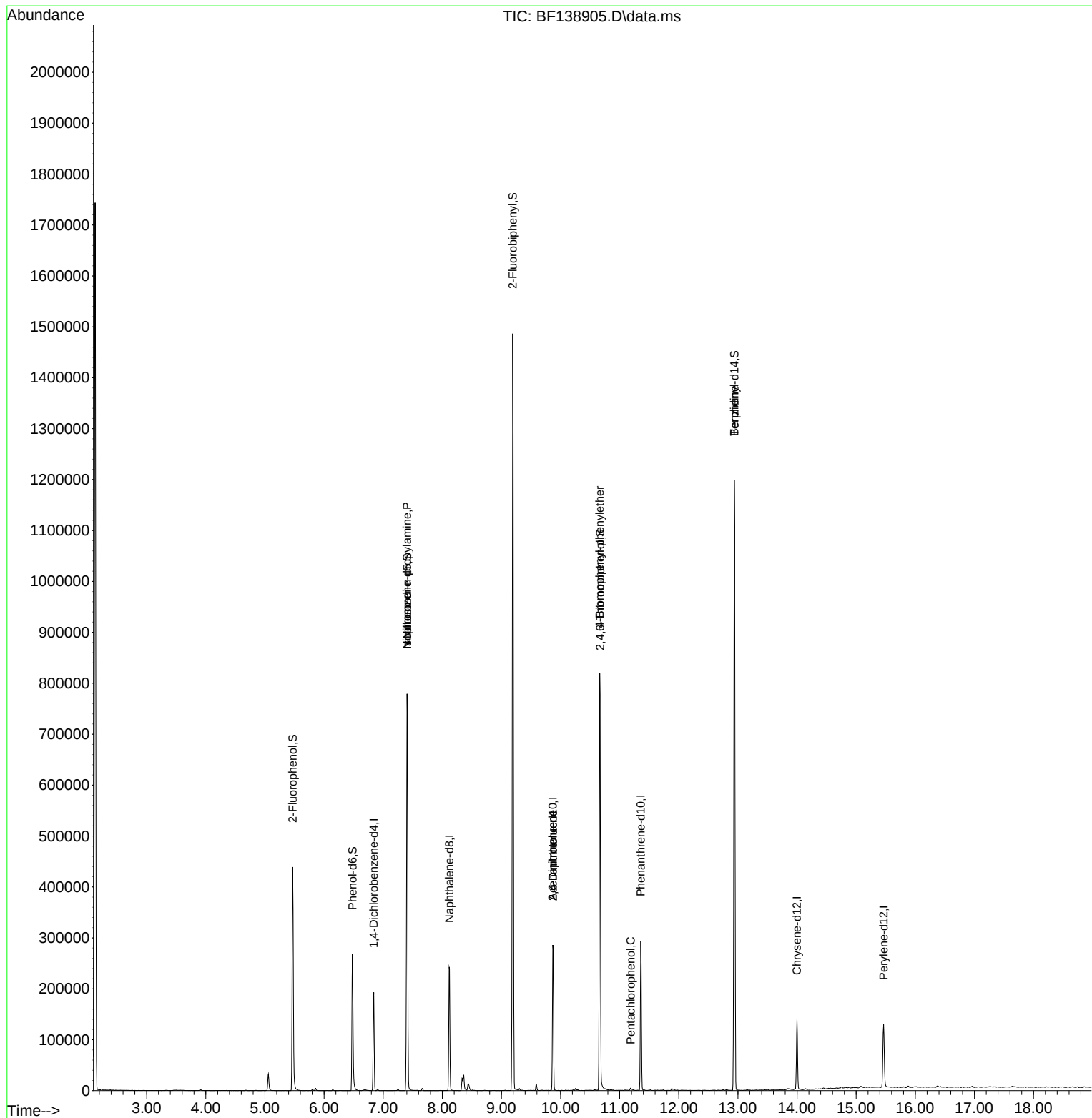
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	37182	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	149406	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	84158	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	149287	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	65618	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	78556	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	149495	62.065	ng	0.00
7) Phenol-d6	6.481	99	118647	36.688	ng	0.00
23) Nitrobenzene-d5	7.404	82	345860	113.179	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	120190	174.348	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	628640	112.233	ng	-0.01
79) Terphenyl-d14	12.939	244	570074	145.457	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	46915	24.019	ng	# 79
25) Isophorone	7.404	82	345855	66.281	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	11142	9.175	ng	# 19
57) 2,4-Dinitrotoluene	9.869	165	11142	7.191	ng	# 16
67) 4-Bromophenyl-phenylether	10.663	248	9028	5.586	ng	# 1
70) Pentachlorophenol	11.186	266	1670	2.220	ng	# 86
77) Benzidine	12.939	184	8048	5.128	ng	# 94

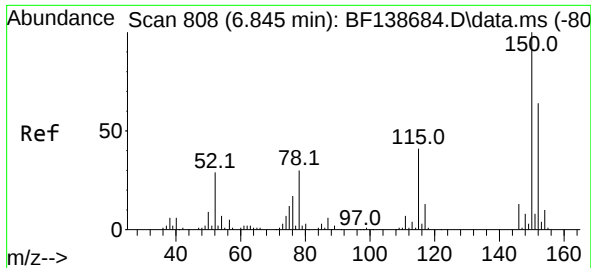
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081024\
Data File : BF138905.D
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QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

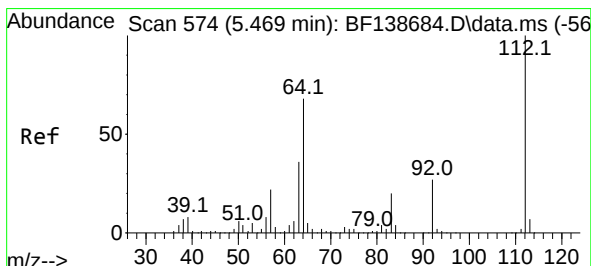
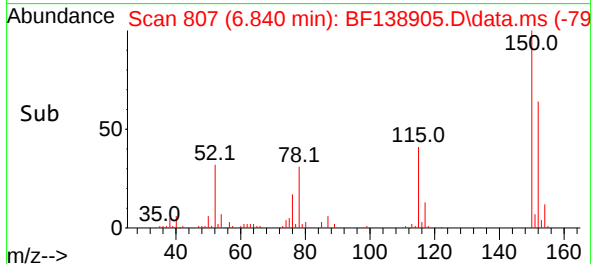
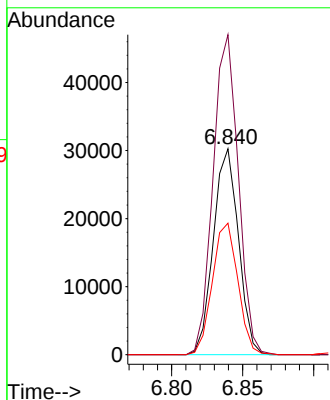
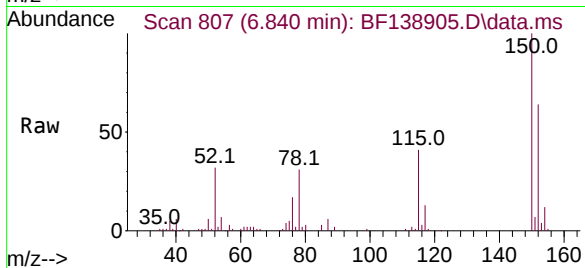




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF138905.D
Acq: 10 Aug 2024 12:46

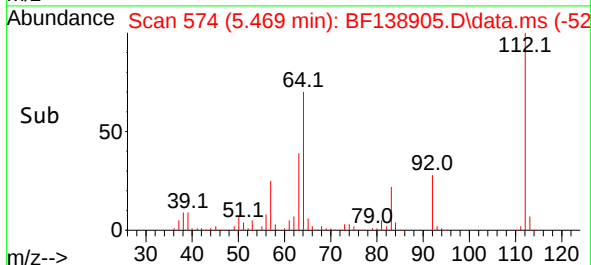
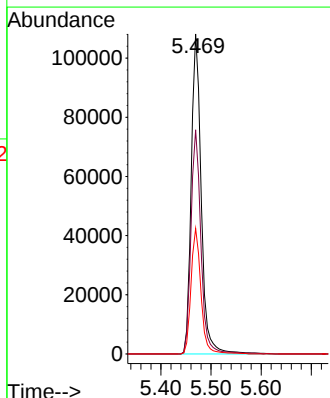
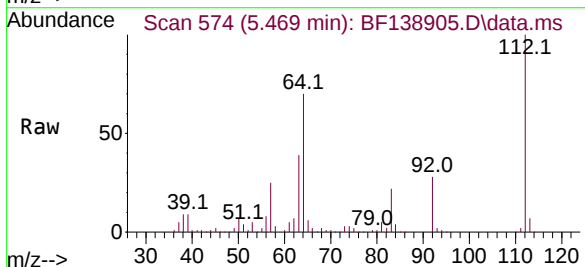
Instrument :
BNA_F
ClientSampleId :
TS08

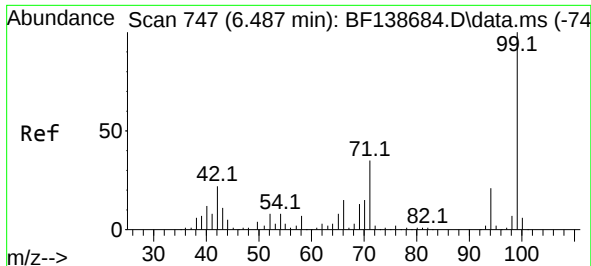
Tgt Ion:152 Resp: 37182
Ion Ratio Lower Upper
152 100
150 155.4 126.0 189.0
115 63.9 51.7 77.5



#5
2-Fluorophenol
Concen: 62.065 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138905.D
Acq: 10 Aug 2024 12:46

Tgt Ion:112 Resp: 149495
Ion Ratio Lower Upper
112 100
64 70.0 54.2 81.4
63 39.2 28.7 43.1

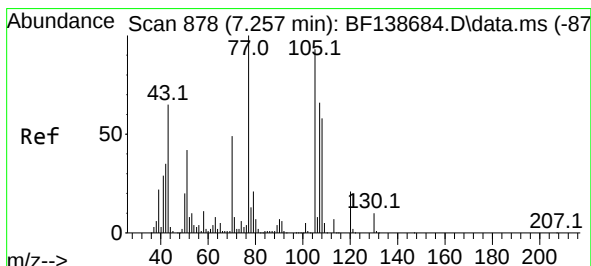
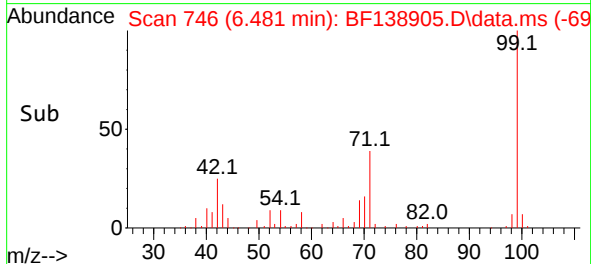
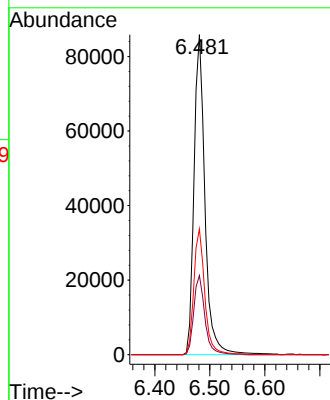
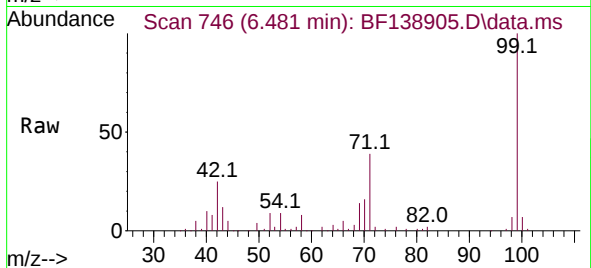




#7
Phenol-d6
Concen: 36.688 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138905.D
Acq: 10 Aug 2024 12:46

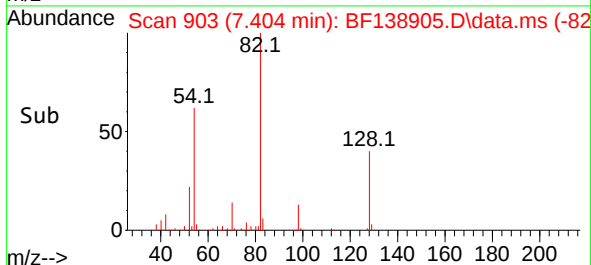
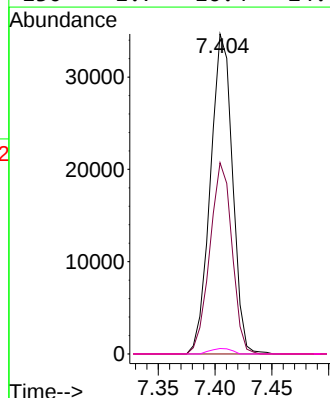
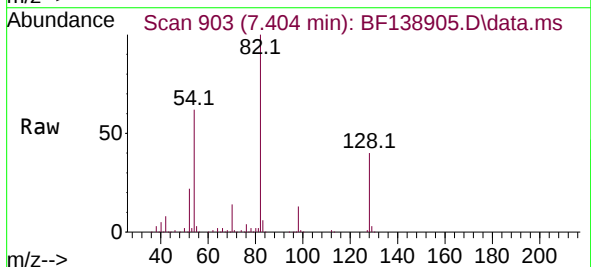
Instrument :
BNA_F
ClientSampleId :
TS08

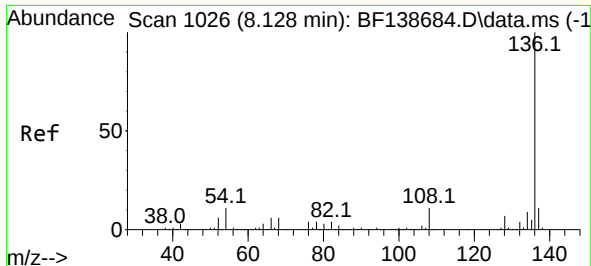
Tgt Ion: 99 Resp: 118647
Ion Ratio Lower Upper
99 100
42 24.7 17.4 26.0
71 39.3 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 24.019 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138905.D
Acq: 10 Aug 2024 12:46

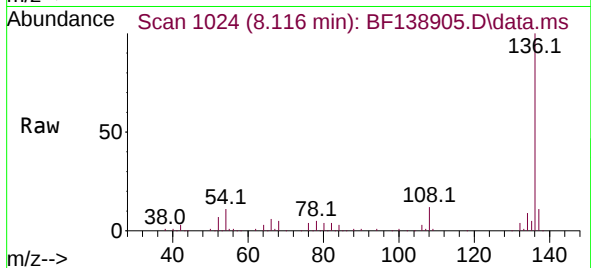
Tgt Ion: 70 Resp: 46915
Ion Ratio Lower Upper
70 100
42 59.7 57.4 86.0
101 0.0 7.5 11.3#
130 1.7 16.4 24.6#



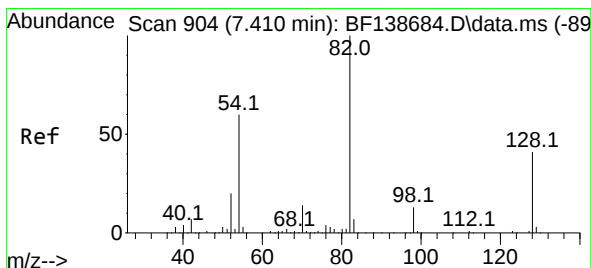
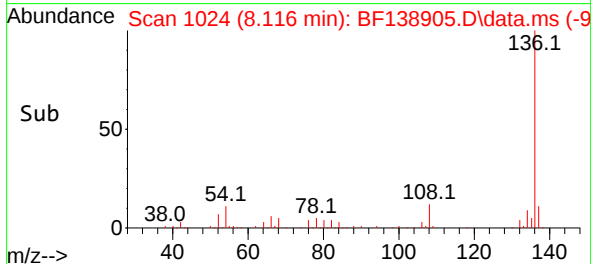
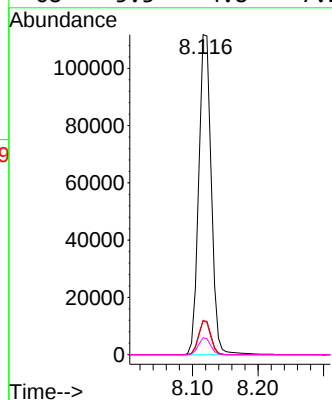


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF138905.D
Acq: 10 Aug 2024 12:46

Instrument :
BNA_F
ClientSampleId :
TS08

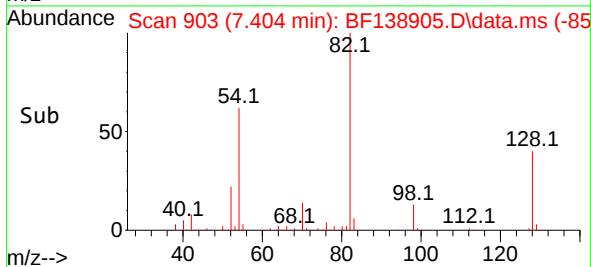
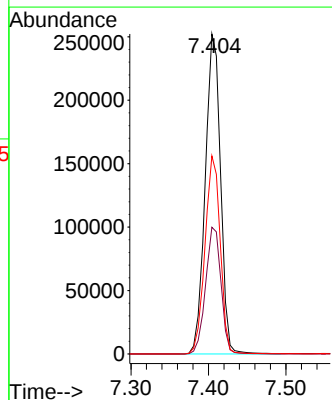
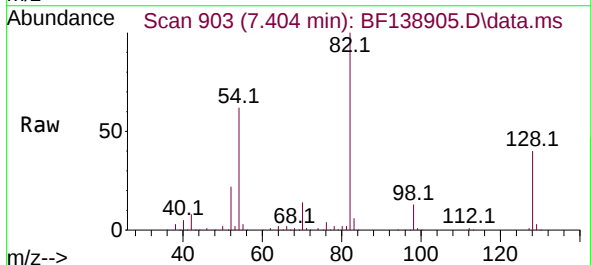


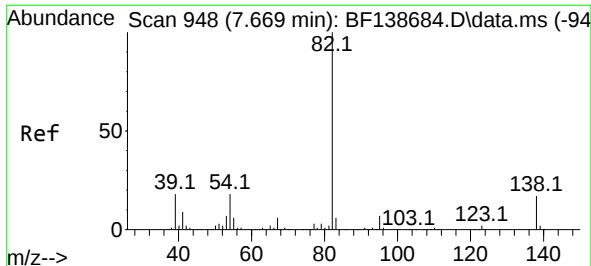
Tgt Ion:136 Resp: 149406
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 10.7 8.6 12.8
68 5.3 4.8 7.2



#23
Nitrobenzene-d5
Concen: 113.179 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138905.D
Acq: 10 Aug 2024 12:46

Tgt Ion: 82 Resp: 345860
Ion Ratio Lower Upper
82 100
128 39.6 32.8 49.2
54 61.9 48.3 72.5

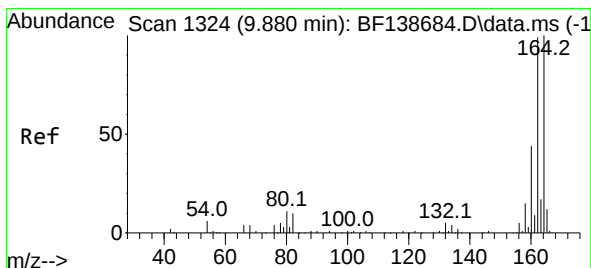
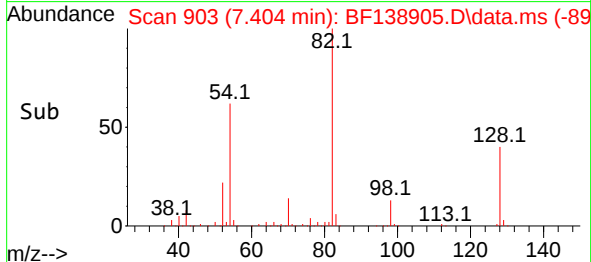
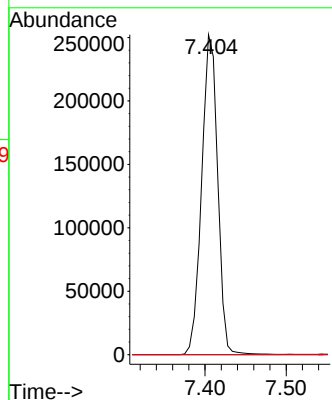
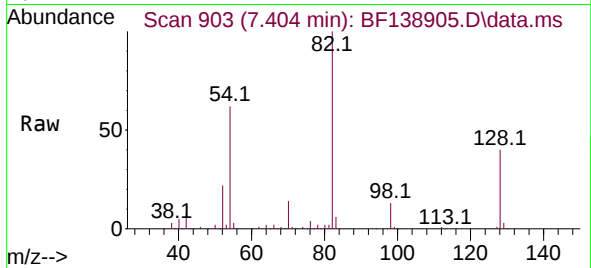




#25
Isophorone
Concen: 66.281 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138905.D
Acq: 10 Aug 2024 12:46

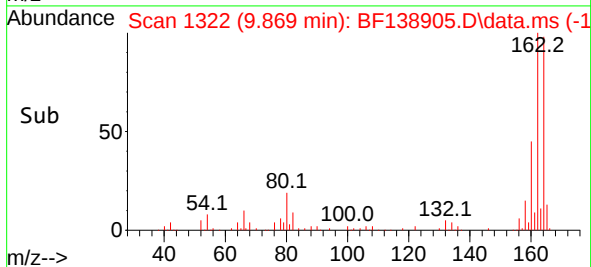
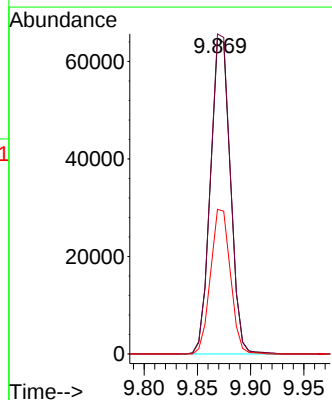
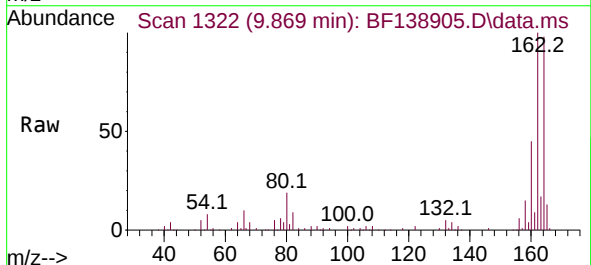
Instrument :
BNA_F
ClientSampleId :
TS08

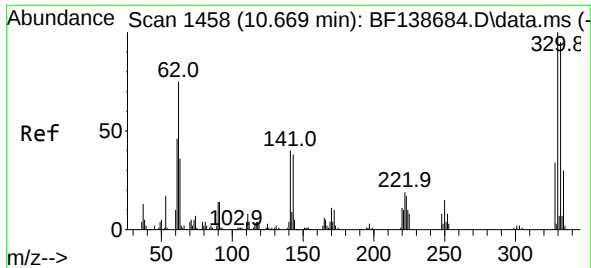
Tgt Ion: 82 Resp: 345855
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF138905.D
Acq: 10 Aug 2024 12:46

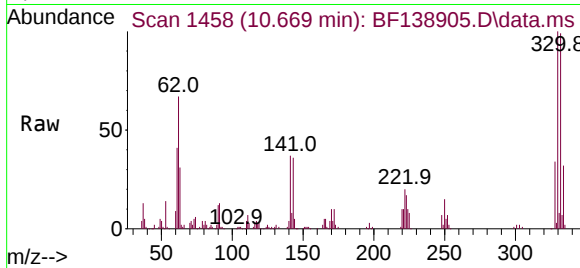
Tgt Ion:164 Resp: 84158
Ion Ratio Lower Upper
164 100
162 101.5 79.4 119.0
160 45.9 35.1 52.7



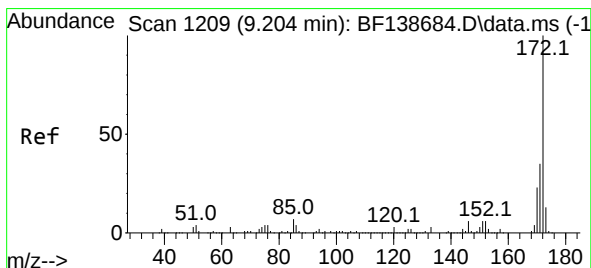
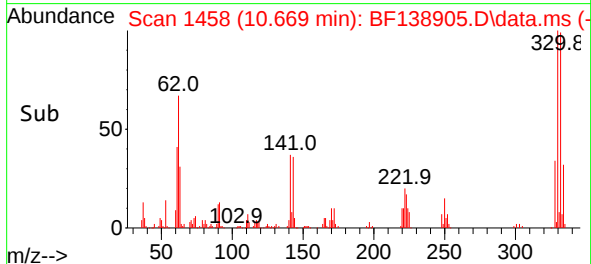
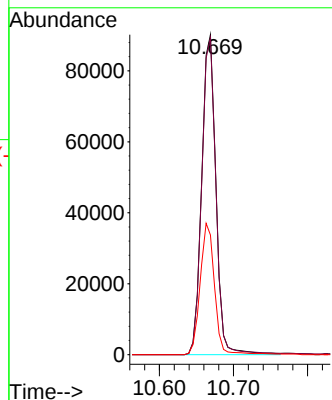


#42
2,4,6-Tribromophenol
Concen: 174.348 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF138905.D
Acq: 10 Aug 2024 12:46

Instrument :
BNA_F
ClientSampleId :
TS08

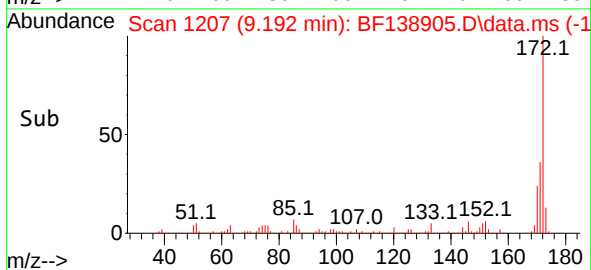
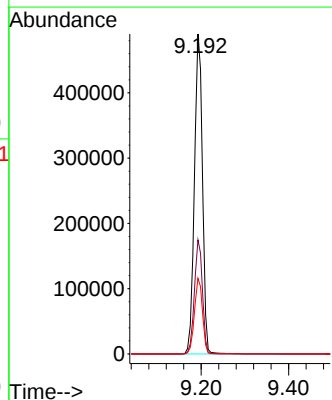
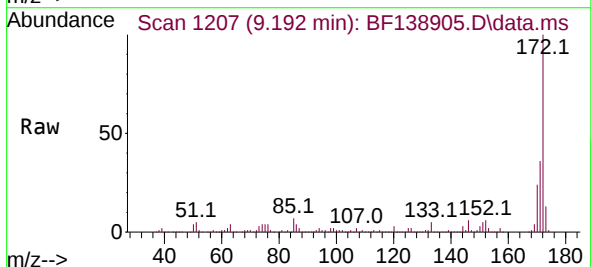


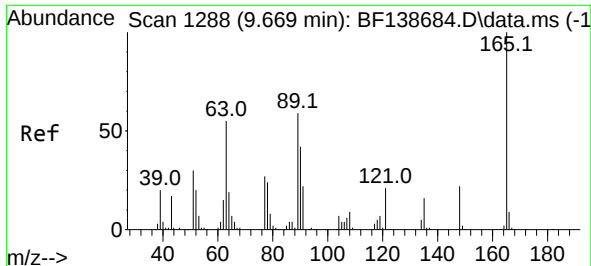
Tgt Ion:330 Resp: 120190
Ion Ratio Lower Upper
330 100
332 99.8 76.4 114.6
141 41.6 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 112.233 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138905.D
Acq: 10 Aug 2024 12:46

Tgt Ion:172 Resp: 628640
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.7 18.8 28.2

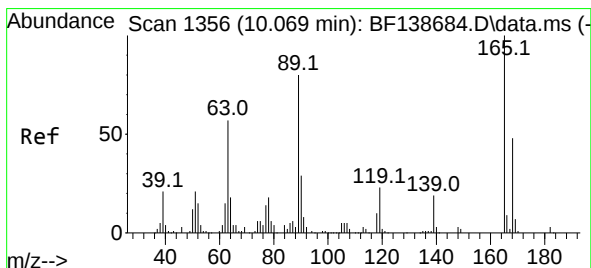
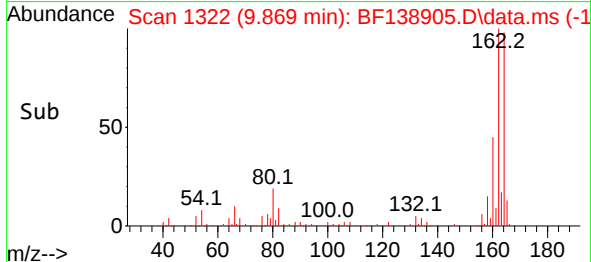
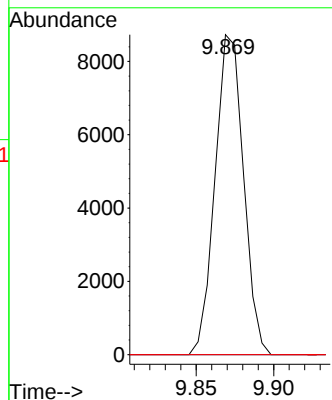
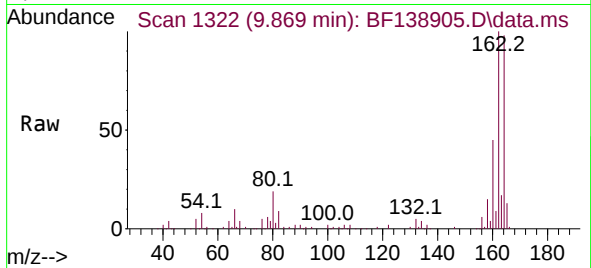




#51
2,6-Dinitrotoluene
Concen: 9.175 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138905.D
Acq: 10 Aug 2024 12:46

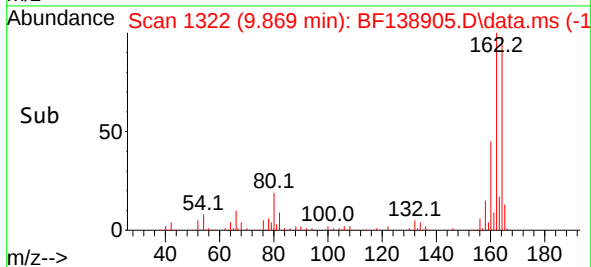
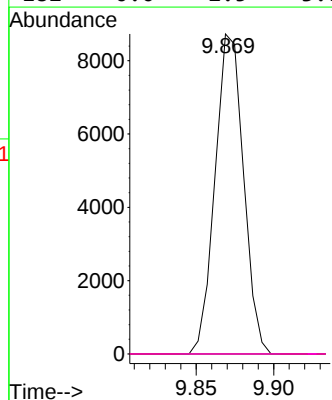
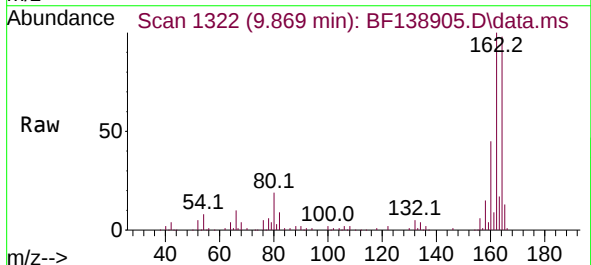
Instrument :
BNA_F
ClientSampleId :
TS08

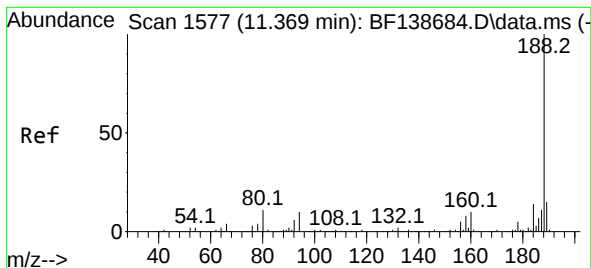
Tgt Ion:165 Resp: 11142
Ion Ratio Lower Upper
165 100
63 0.0 52.0 78.0#
89 0.0 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 7.191 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF138905.D
Acq: 10 Aug 2024 12:46

Tgt Ion:165 Resp: 11142
Ion Ratio Lower Upper
165 100
63 0.0 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# 1

Delta R.T. -0.012 min

Lab File: BF138905.D

Acq: 10 Aug 2024 12:46

Instrument :

BNA_F

ClientSampleId :

TS08

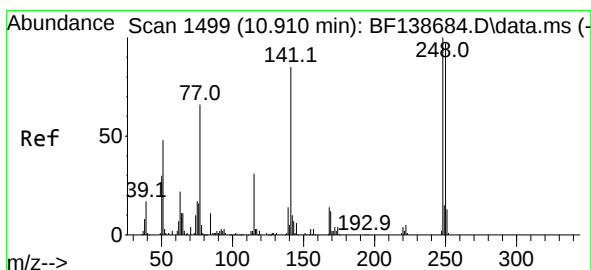
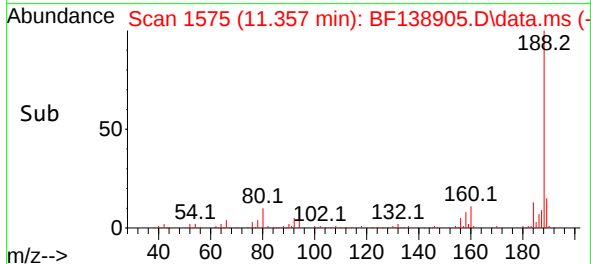
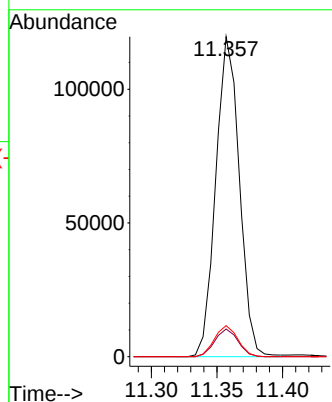
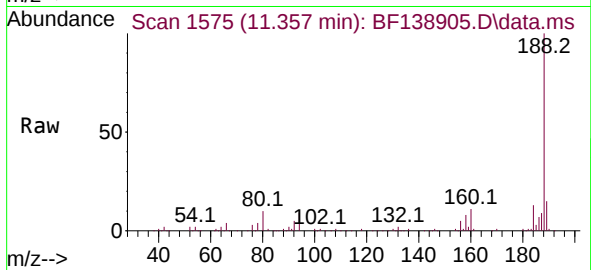
Tgt Ion:188 Resp: 149287

Ion Ratio Lower Upper

188 100

94 8.6 7.6 11.4

80 9.7 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 5.586 ng

RT: 10.663 min Scan# 1457

Delta R.T. -0.247 min

Lab File: BF138905.D

Acq: 10 Aug 2024 12:46

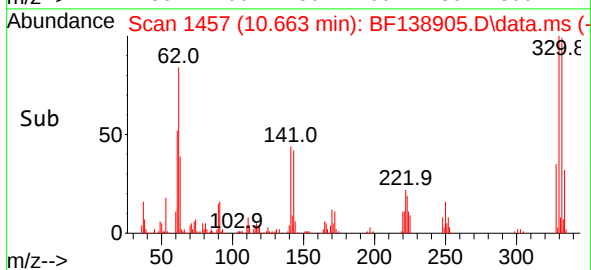
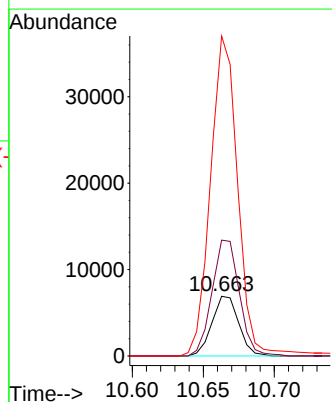
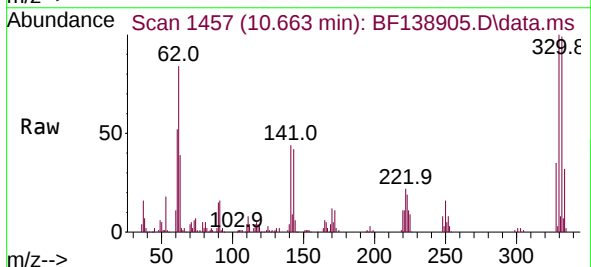
Tgt Ion:248 Resp: 9028

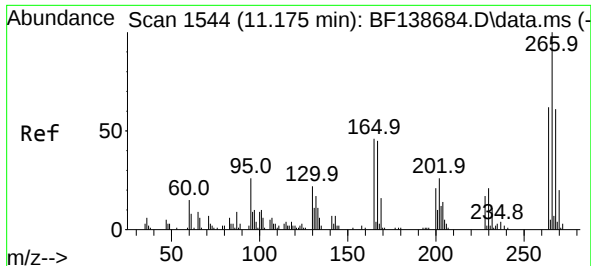
Ion Ratio Lower Upper

248 100

250 194.2 77.7 116.5#

141 536.8 68.0 102.0#

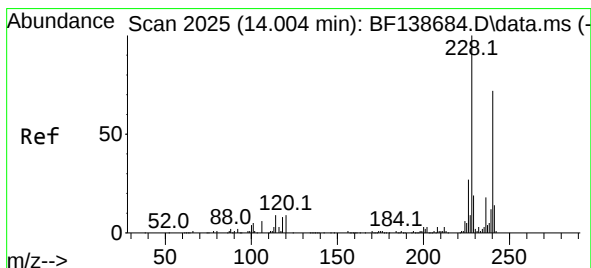
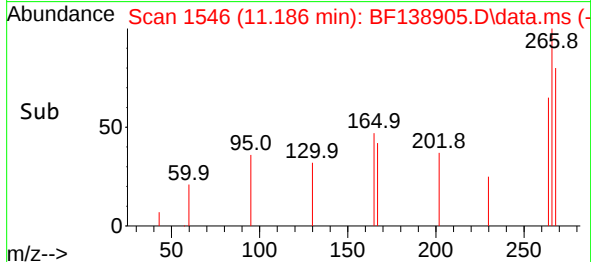
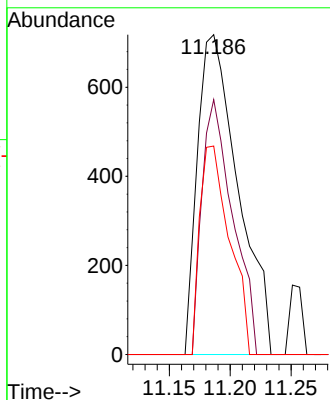
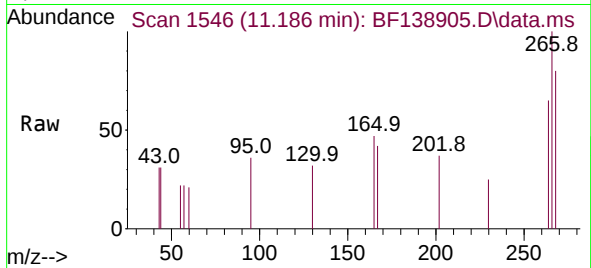




#70
 Pentachlorophenol
 Concen: 2.220 ng
 RT: 11.186 min Scan# 11
 Delta R.T. 0.011 min
 Lab File: BF138905.D
 Acq: 10 Aug 2024 12:46

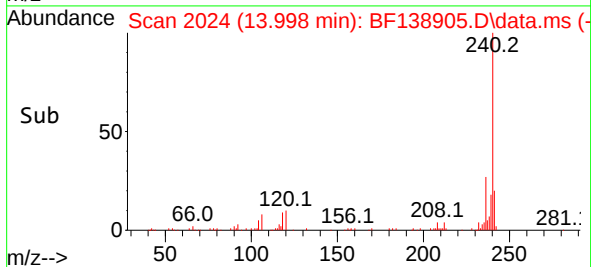
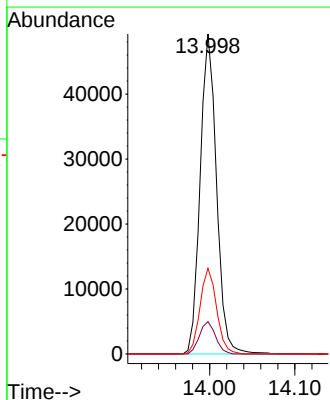
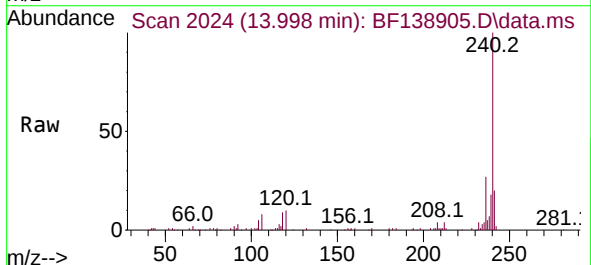
Instrument :
 BNA_F
 ClientSampleId :
 TS08

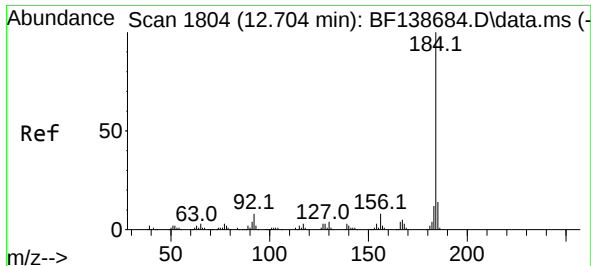
Tgt Ion:266 Resp: 1670
 Ion Ratio Lower Upper
 266 100
 268 79.7 49.2 73.8#
 264 65.2 49.8 74.6



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.998 min Scan# 2024
 Delta R.T. -0.006 min
 Lab File: BF138905.D
 Acq: 10 Aug 2024 12:46

Tgt Ion:240 Resp: 65618
 Ion Ratio Lower Upper
 240 100
 120 10.1 10.2 15.4#
 236 26.7 19.8 29.8

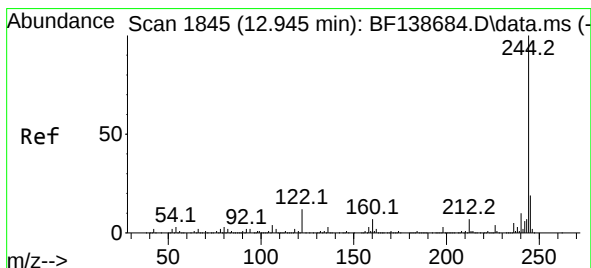
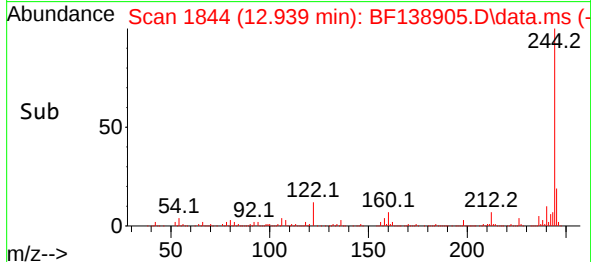
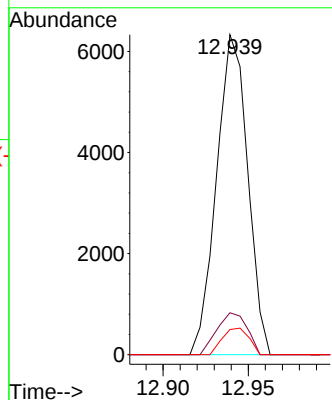
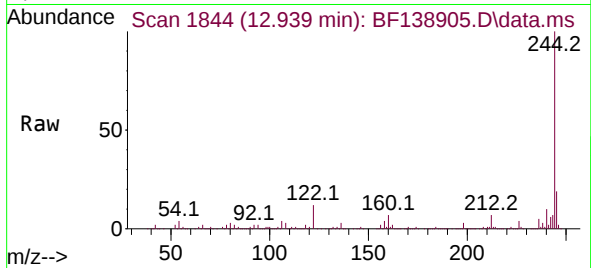




#77
Benzidine
Concen: 5.128 ng
RT: 12.939 min Scan# 1844
Delta R.T. 0.235 min
Lab File: BF138905.D
Acq: 10 Aug 2024 12:46

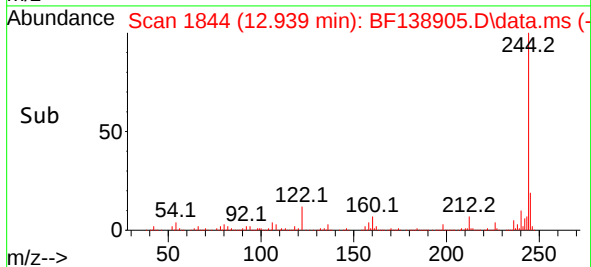
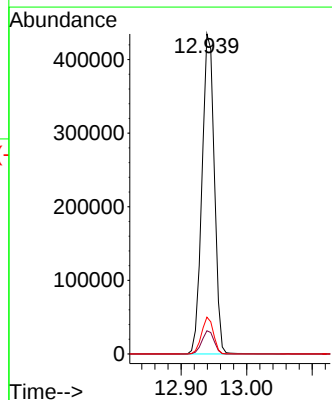
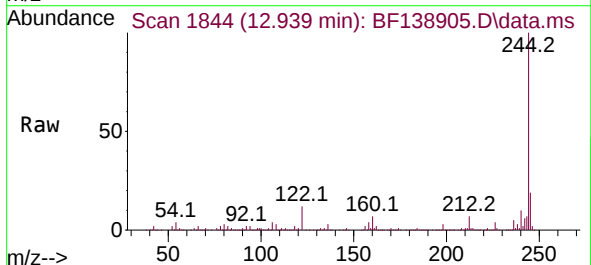
Instrument :
BNA_F
ClientSampleId :
TS08

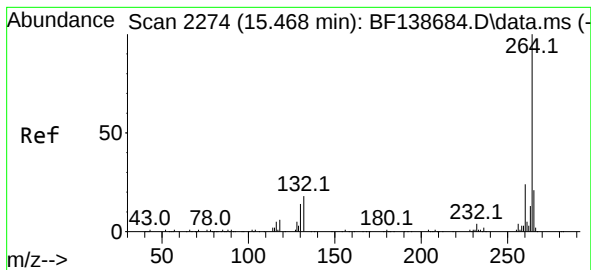
Tgt Ion:184 Resp: 8048
Ion Ratio Lower Upper
184 100
185 13.1 11.1 16.7
183 7.9 9.6 14.4#



#79
Terphenyl-d14
Concen: 145.457 ng
RT: 12.939 min Scan# 1844
Delta R.T. -0.006 min
Lab File: BF138905.D
Acq: 10 Aug 2024 12:46

Tgt Ion:244 Resp: 570074
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 11.5 9.6 14.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF138905.D
 Acq: 10 Aug 2024 12:46

Instrument :
 BNA_F
 ClientSampleId :
 TS08

Tgt Ion:264 Resp: 78556
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.6
 265 20.7 17.0 25.6

