

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081024\
 Data File : BF138904.D
 Acq On : 10 Aug 2024 12:16
 Operator : RC/JU
 Sample : P3479-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS10

Quant Time: Aug 12 01:12:47 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)

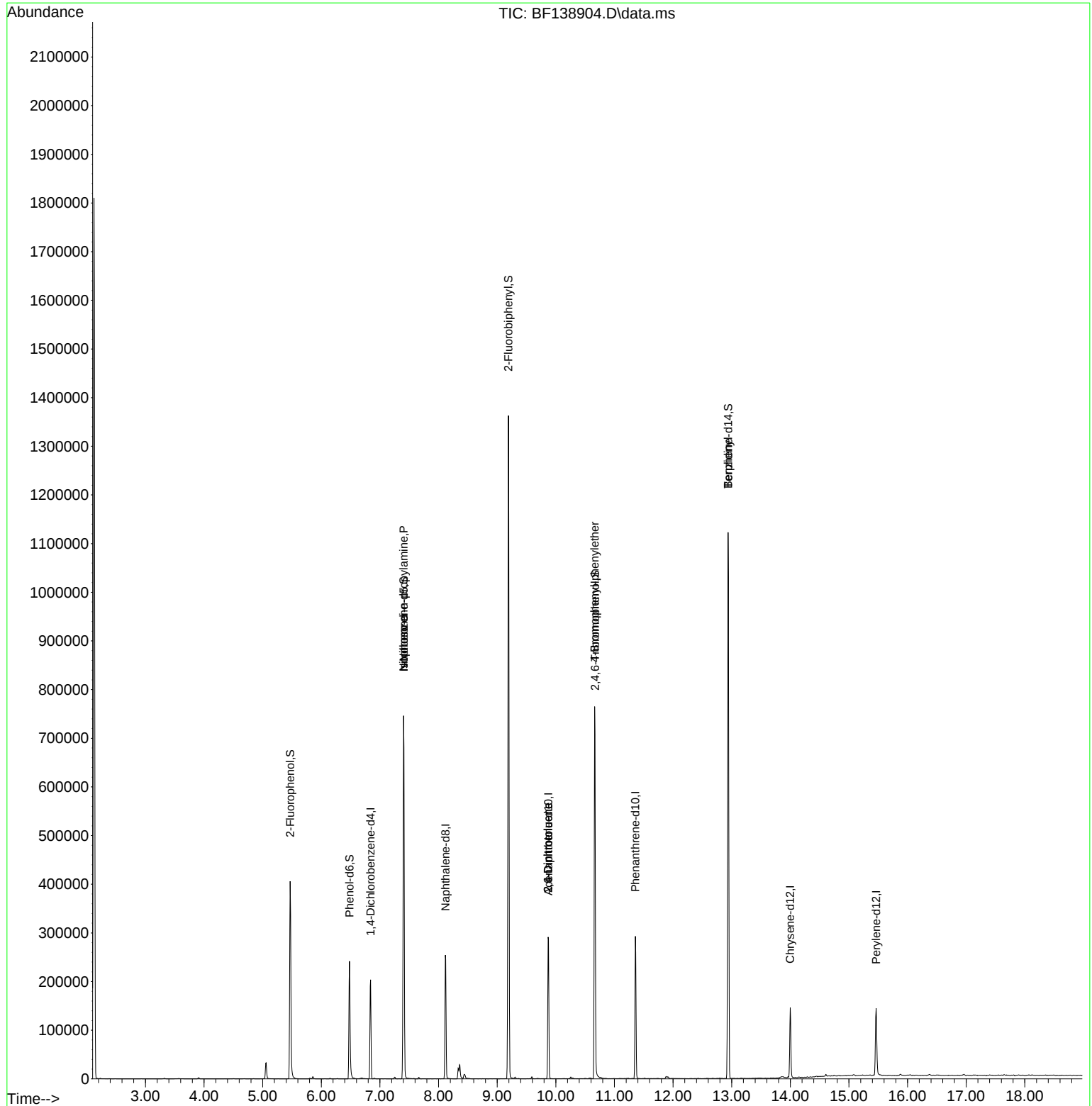
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	38750	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	155012	20.000	ng	-0.01
39) Acenaphthene-d10	9.875	164	86946	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	150024	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	68627	20.000	ng	0.00
86) Perylene-d12	15.463	264	82836	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	139013	55.377	ng	0.00
7) Phenol-d6	6.481	99	108083	32.069	ng	0.00
23) Nitrobenzene-d5	7.404	82	326074	102.845	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	113254	159.019	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	569198	98.362	ng	-0.01
79) Terphenyl-d14	12.939	244	531175	129.589	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	44581	21.901	ng	# 79
25) Isophorone	7.404	82	326069	60.229	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	11799	9.404	ng	# 19
57) 2,4-Dinitrotoluene	9.869	165	11799	7.371	ng	# 16
67) 4-Bromophenyl-phenylether	10.663	248	7775	4.787	ng	# 1
77) Benzydine	12.939	184	7653	4.662	ng	# 92

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

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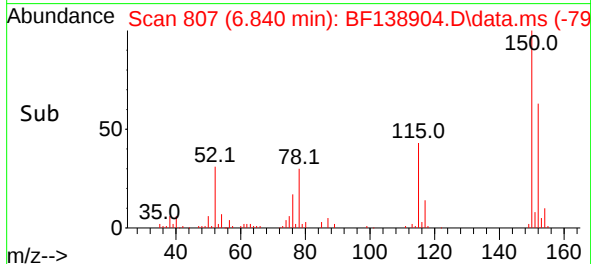
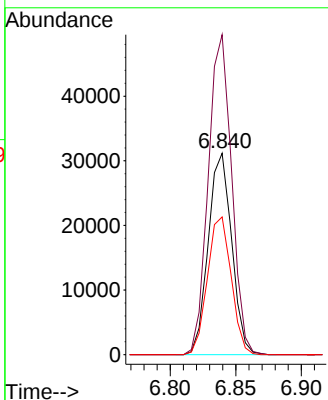
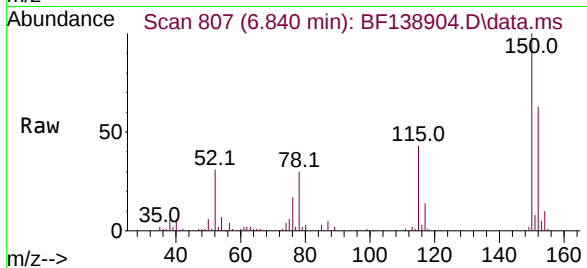




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF138904.D
Acq: 10 Aug 2024 12:16

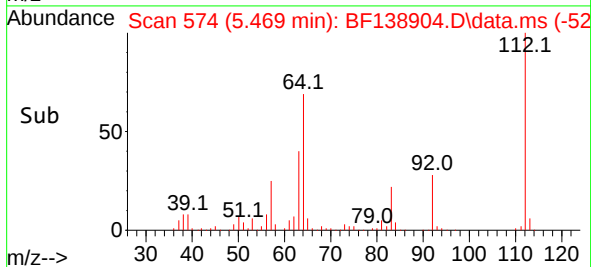
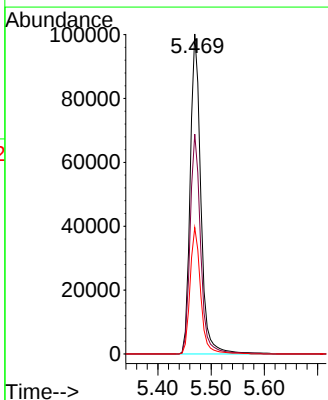
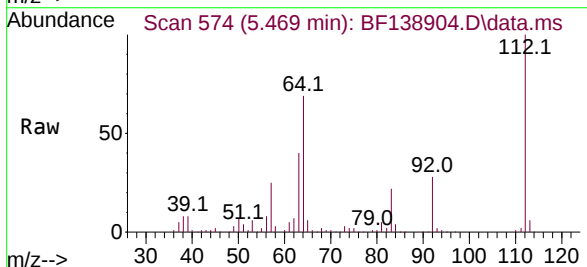
Instrument :
BNA_F
ClientSampleId :
TS10

Tgt Ion:152 Resp: 38750
Ion Ratio Lower Upper
152 100
150 158.9 126.0 189.0
115 68.4 51.7 77.5



#5
2-Fluorophenol
Concen: 55.377 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138904.D
Acq: 10 Aug 2024 12:16

Tgt Ion:112 Resp: 139013
Ion Ratio Lower Upper
112 100
64 68.7 54.2 81.4
63 39.5 28.7 43.1

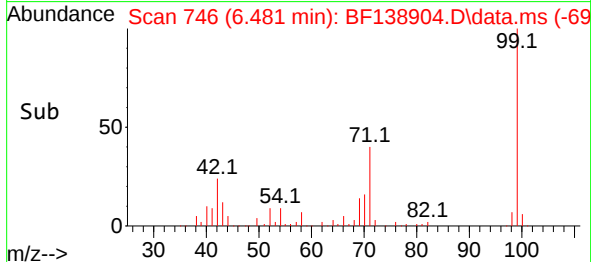
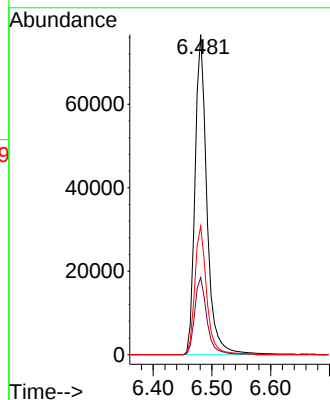
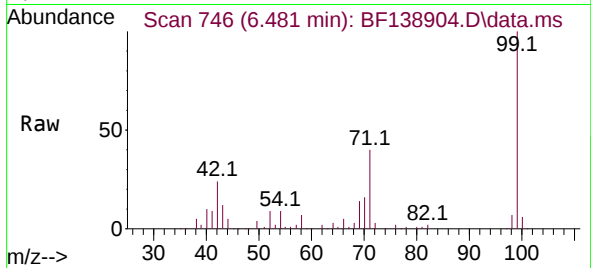




#7
Phenol-d6
Concen: 32.069 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138904.D
Acq: 10 Aug 2024 12:16

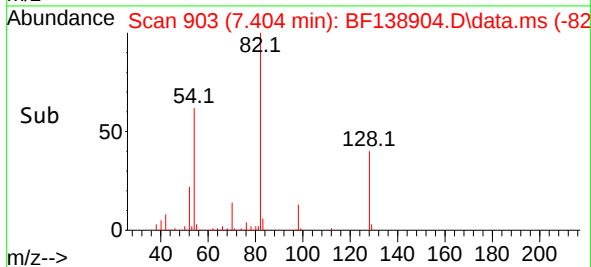
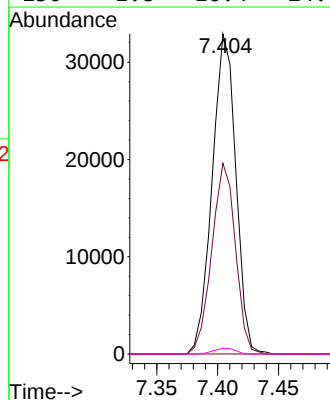
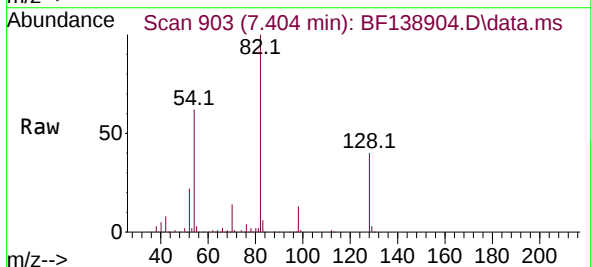
Instrument :
BNA_F
ClientSampleId :
TS10

Tgt Ion: 99 Resp: 108083
Ion Ratio Lower Upper
99 100
42 24.1 17.4 26.0
71 40.1 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 21.901 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138904.D
Acq: 10 Aug 2024 12:16

Tgt Ion: 70 Resp: 44581
Ion Ratio Lower Upper
70 100
42 59.6 57.4 86.0
101 0.0 7.5 11.3#
130 1.8 16.4 24.6#

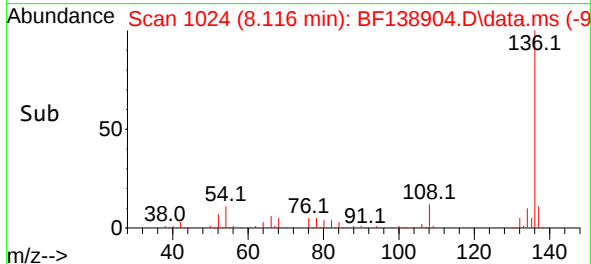
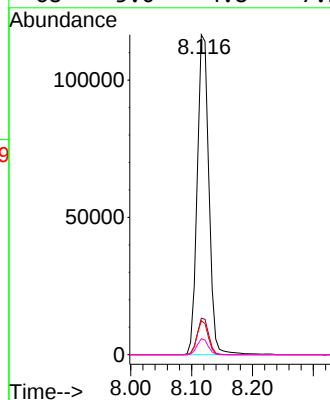
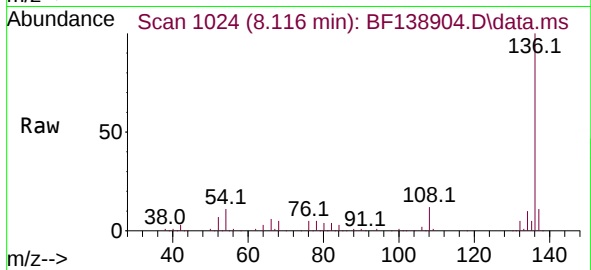




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF138904.D
Acq: 10 Aug 2024 12:16

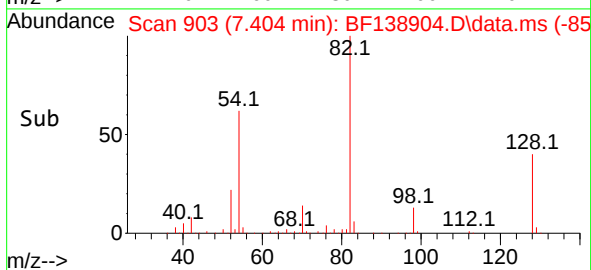
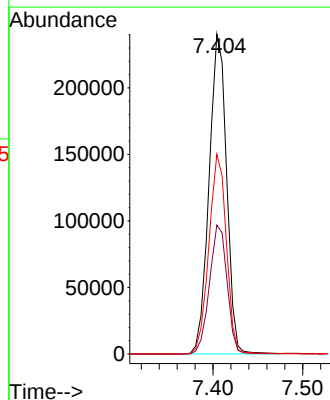
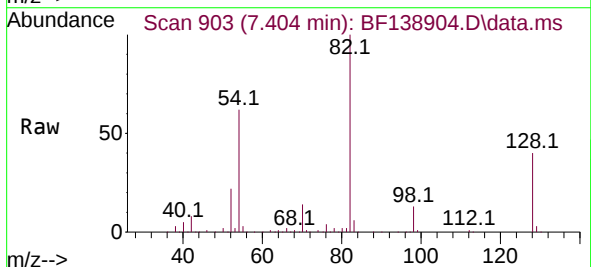
Instrument :
BNA_F
ClientSampleId :
TS10

Tgt Ion:136	Resp: 155012
Ion Ratio	Lower Upper
136 100	
137 11.4	8.9 13.3
54 10.6	8.6 12.8
68 5.0	4.8 7.2



#23
Nitrobenzene-d5
Concen: 102.845 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138904.D
Acq: 10 Aug 2024 12:16

Tgt Ion: 82	Resp: 326074
Ion Ratio	Lower Upper
82 100	
128 40.2	32.8 49.2
54 62.3	48.3 72.5

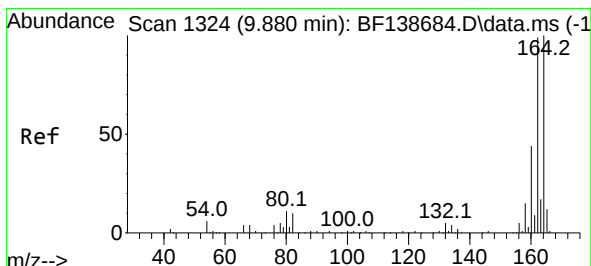
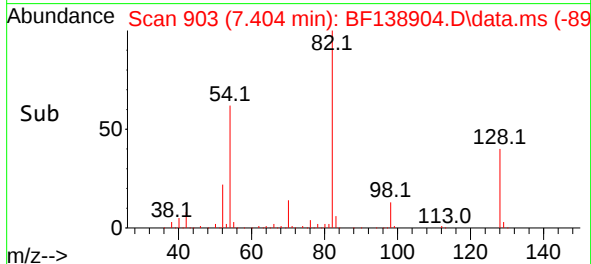
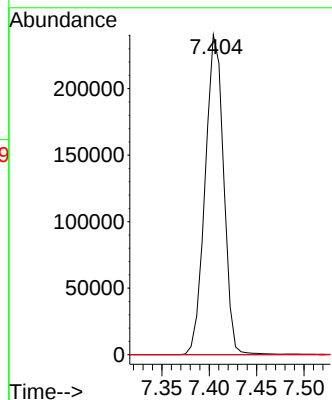
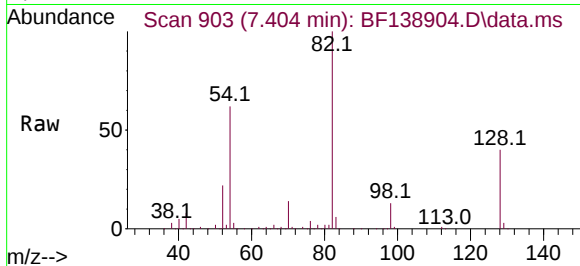




#25
Isophorone
Concen: 60.229 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138904.D
Acq: 10 Aug 2024 12:16

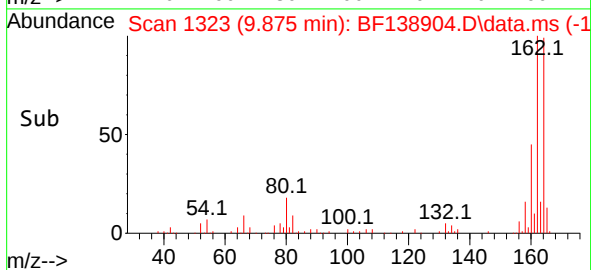
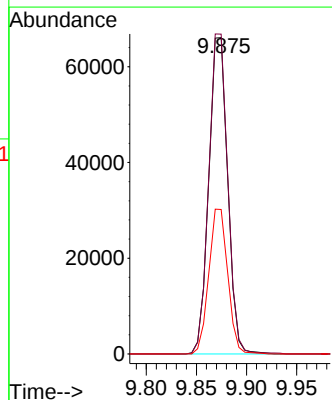
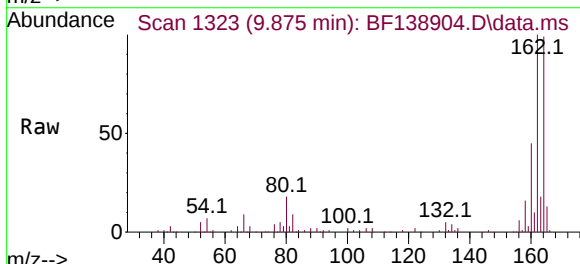
Instrument :
BNA_F
ClientSampleId :
TS10

Tgt Ion: 82 Resp: 326069
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: 9.875 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF138904.D
Acq: 10 Aug 2024 12:16

Tgt Ion:164 Resp: 86946
Ion Ratio Lower Upper
164 100
162 101.1 79.4 119.0
160 45.6 35.1 52.7

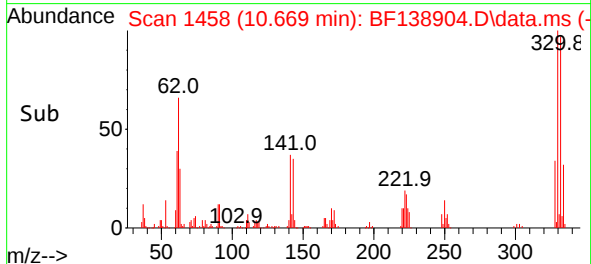
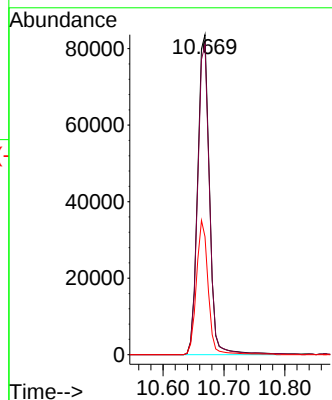
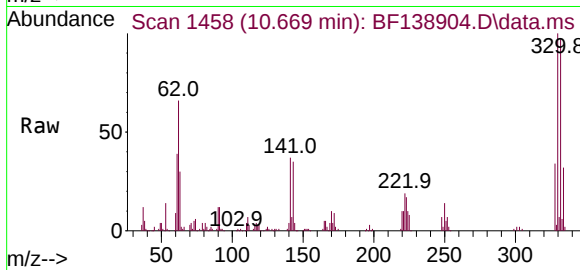




#42
2,4,6-Tribromophenol
Concen: 159.019 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF138904.D
Acq: 10 Aug 2024 12:16

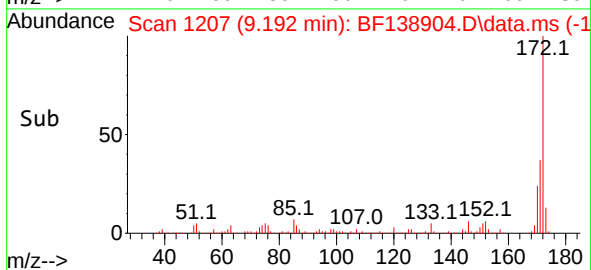
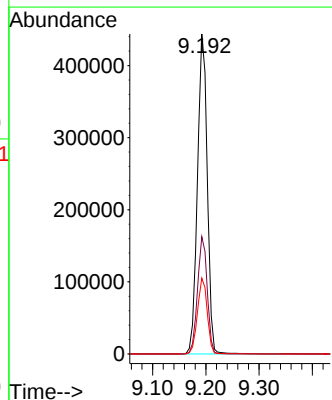
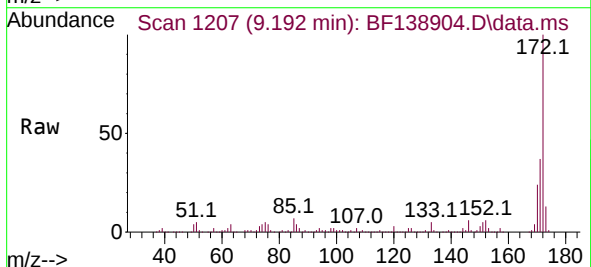
Instrument :
BNA_F
ClientSampleId :
TS10

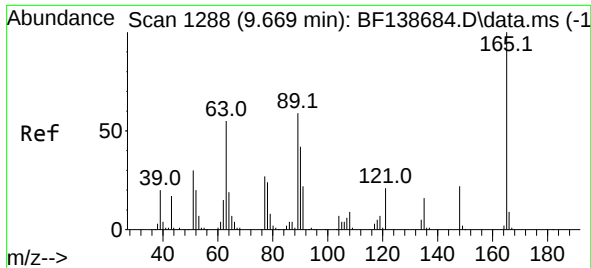
Tgt Ion:330 Resp: 113254
Ion Ratio Lower Upper
330 100
332 96.2 76.4 114.6
141 41.6 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 98.362 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138904.D
Acq: 10 Aug 2024 12:16

Tgt Ion:172 Resp: 569198
Ion Ratio Lower Upper
172 100
171 36.6 28.3 42.5
170 23.7 18.8 28.2

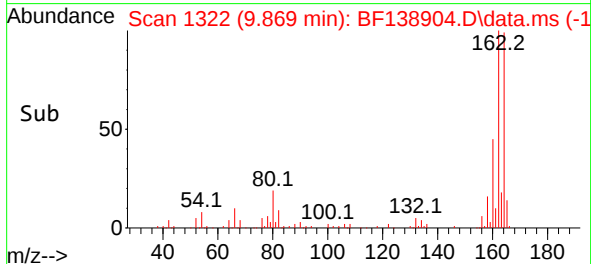
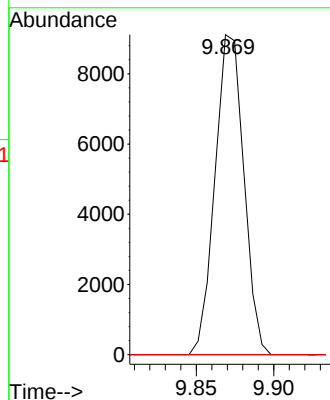
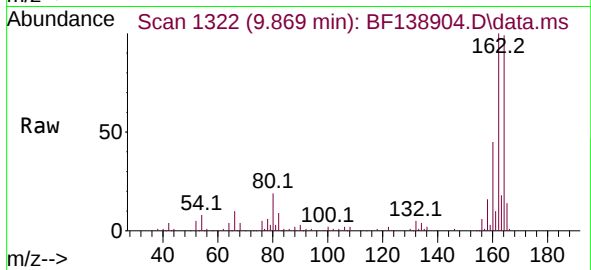




#51
2,6-Dinitrotoluene
Concen: 9.404 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138904.D
Acq: 10 Aug 2024 12:16

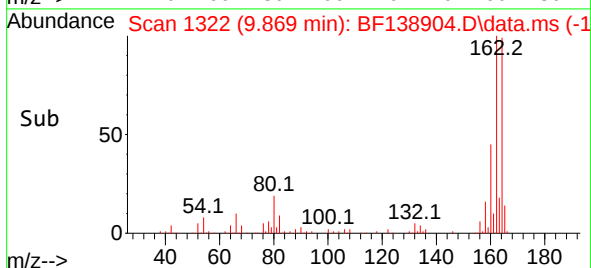
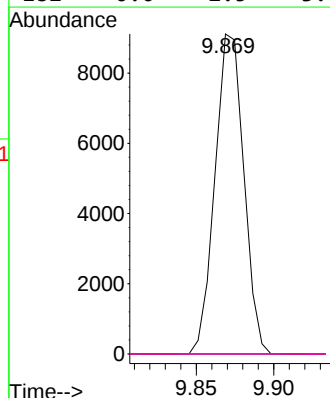
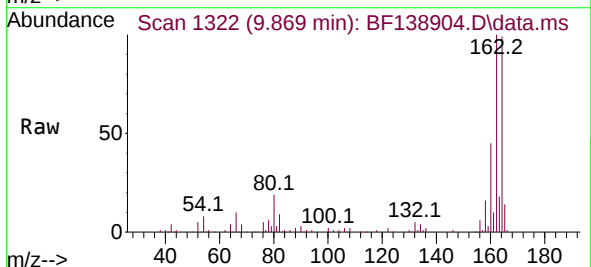
Instrument :
BNA_F
ClientSampleId :
TS10

Tgt Ion:165 Resp: 11799
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: 7.371 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF138904.D
Acq: 10 Aug 2024 12:16

Tgt Ion:165 Resp: 11799
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#

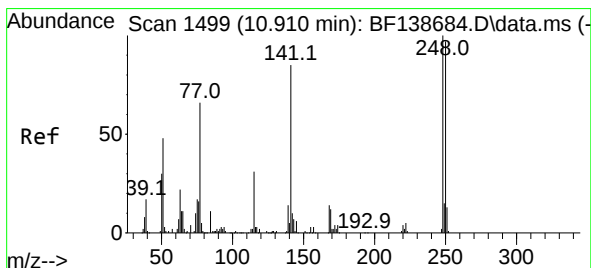
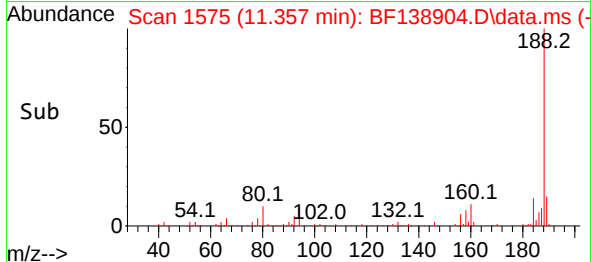
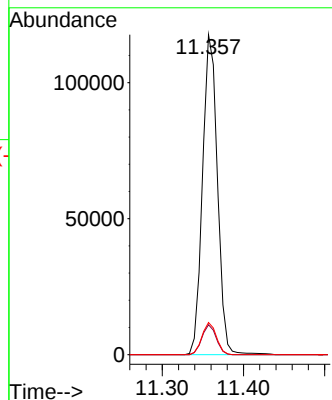
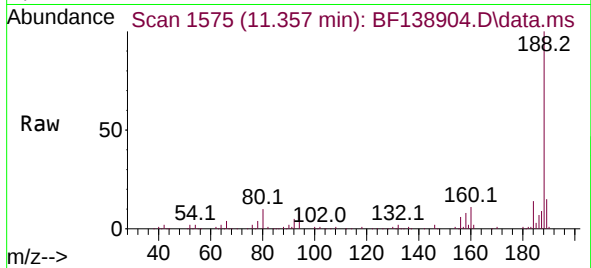




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138904.D
Acq: 10 Aug 2024 12:16

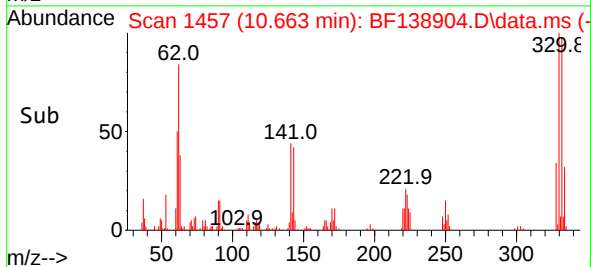
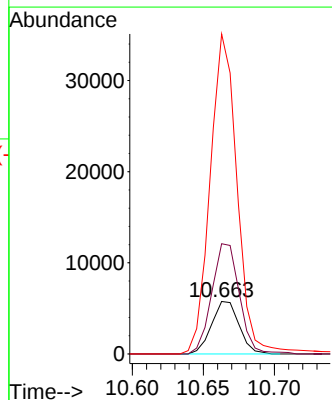
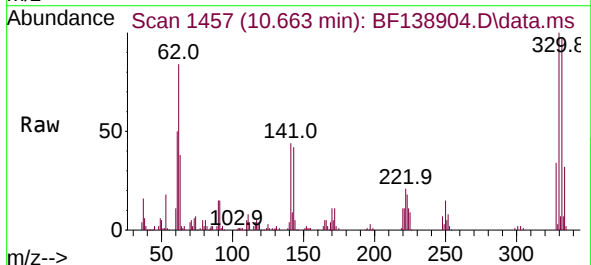
Instrument :
BNA_F
ClientSampleId :
TS10

Tgt Ion:188 Resp: 150024
Ion Ratio Lower Upper
188 100
94 9.3 7.6 11.4
80 10.1 8.6 12.8



#67
4-Bromophenyl-phenylether
Concen: 4.787 ng
RT: 10.663 min Scan# 1457
Delta R.T. -0.247 min
Lab File: BF138904.D
Acq: 10 Aug 2024 12:16

Tgt Ion:248 Resp: 7775
Ion Ratio Lower Upper
248 100
250 210.1 77.7 116.5#
141 609.7 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: BF138904.D

Acq: 10 Aug 2024 12:16

Instrument :

BNA_F

ClientSampleId :

TS10

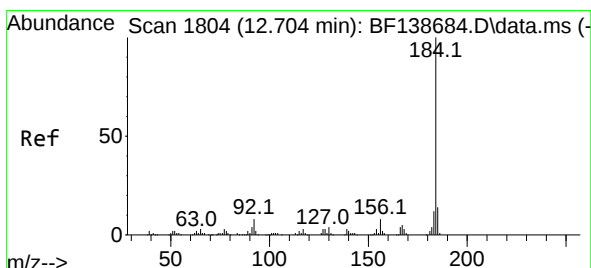
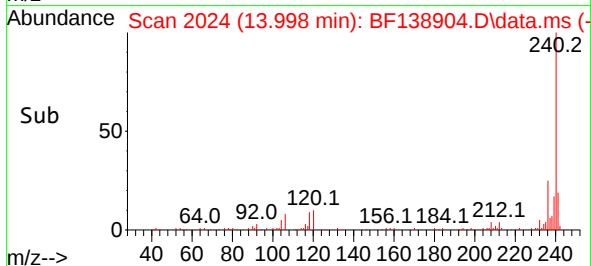
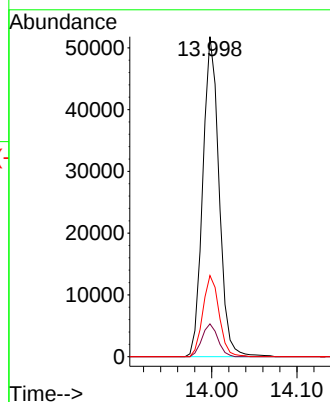
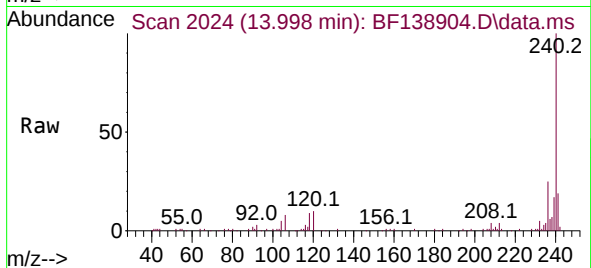
Tgt Ion:240 Resp: 68627

Ion Ratio Lower Upper

240 100

120 10.3 10.2 15.4

236 25.3 19.8 29.8



#77

Benzidine

Concen: 4.662 ng

RT: 12.939 min Scan# 1844

Delta R.T. 0.235 min

Lab File: BF138904.D

Acq: 10 Aug 2024 12:16

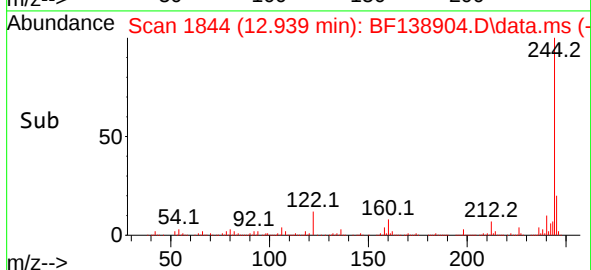
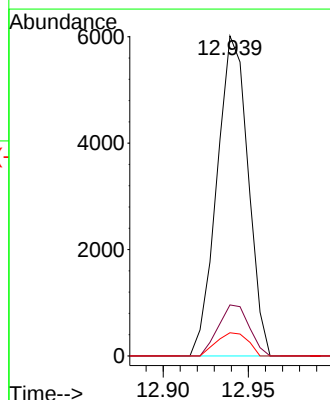
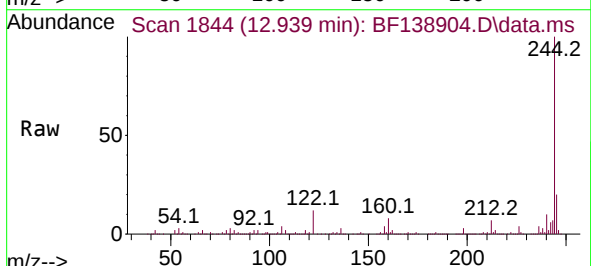
Tgt Ion:184 Resp: 7653

Ion Ratio Lower Upper

184 100

185 16.0 11.1 16.7

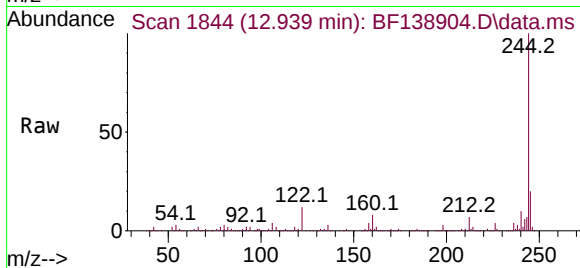
183 7.3 9.6 14.4#



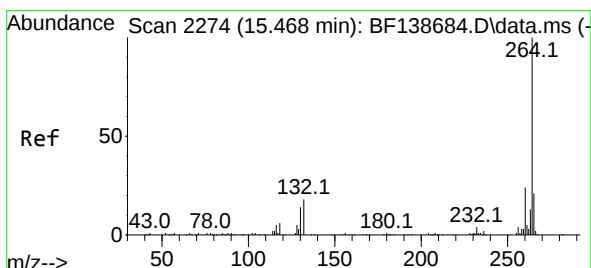
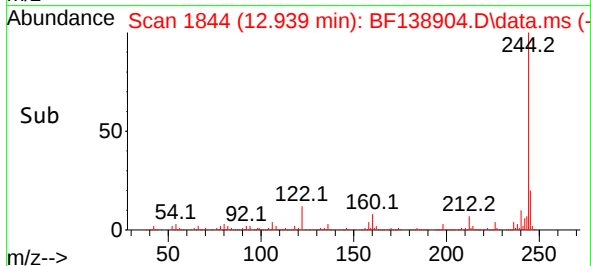
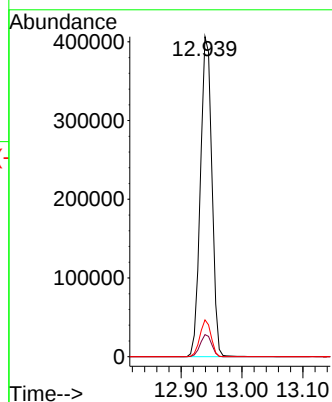


#79
 Terphenyl-d14
 Concen: 129.589 ng
 RT: 12.939 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF138904.D
 Acq: 10 Aug 2024 12:16

Instrument :
 BNA_F
 ClientSampleId :
 TS10



Tgt Ion:244 Resp: 531175
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 11.5 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF138904.D
 Acq: 10 Aug 2024 12:16

Tgt Ion:264 Resp: 82836
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.6
 265 22.1 17.0 25.6

