

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120224\
 Data File : BF140690.D
 Acq On : 02 Dec 2024 15:55
 Operator : RC/JU
 Sample : P5006-18
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-WTS-02

Quant Time: Dec 02 16:17:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

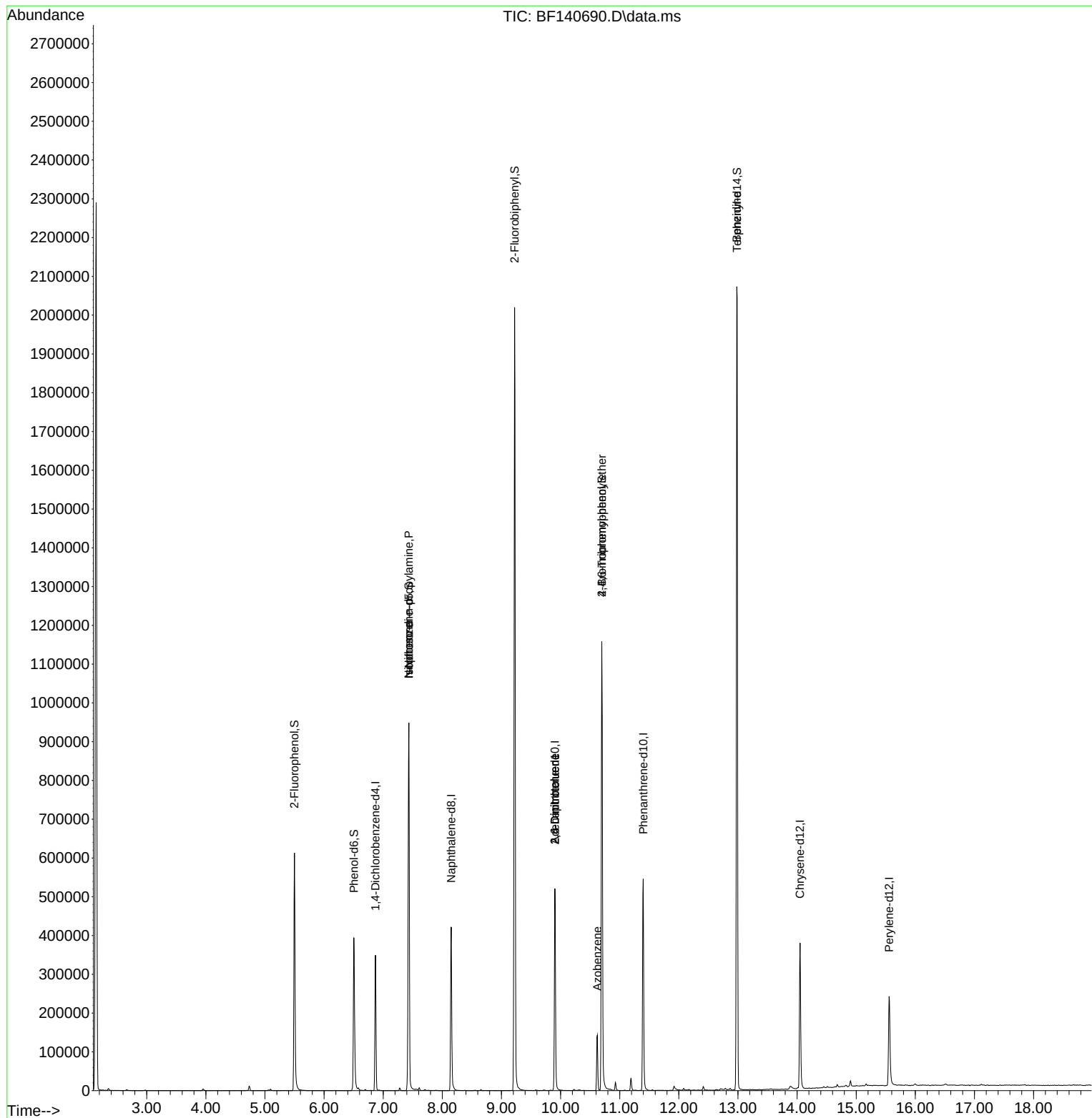
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	75537	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	287073	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	167519	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	321708	20.000	ng	0.00
76) Chrysene-d12	14.051	240	200835	20.000	ng	0.00
86) Perylene-d12	15.557	264	164723	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	245873	55.537	ng	0.00
7) Phenol-d6	6.504	99	209280	35.757	ng	-0.01
23) Nitrobenzene-d5	7.434	82	454121	80.915	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	211177	117.869	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	945791	84.120	ng	-0.01
79) Terphenyl-d14	12.986	244	1075302	83.371	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	59635	17.240	ng	# 76
25) Isophorone	7.434	82	447419	47.796	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	21376	8.543	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	21376	6.428	ng	# 18
63) Azobenzene	10.622	77	40376	3.804	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	13974	4.218	ng	# 1
77) Benzidine	12.980	184	14134	2.421	ng	# 91

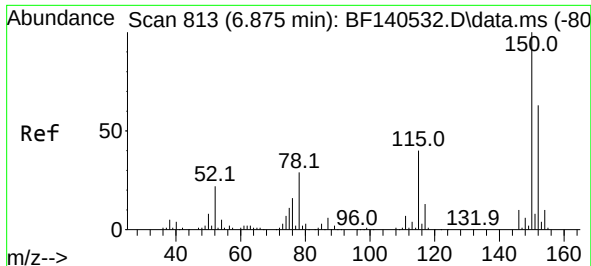
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120224\
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
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Quant Time: Dec 02 16:17:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

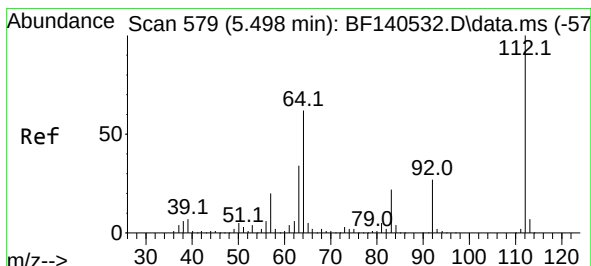
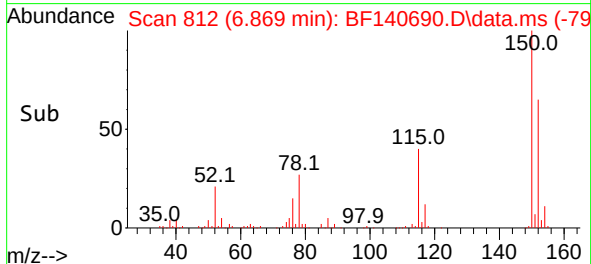
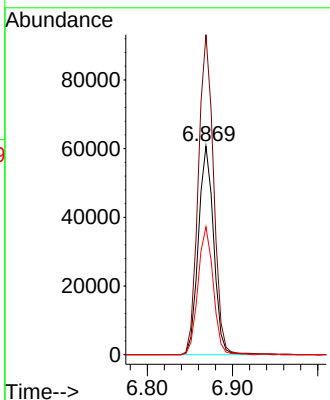
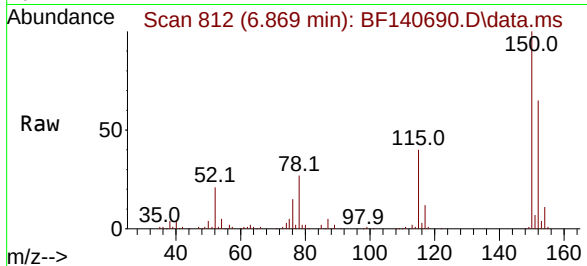




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140690.D
Acq: 02 Dec 2024 15:55

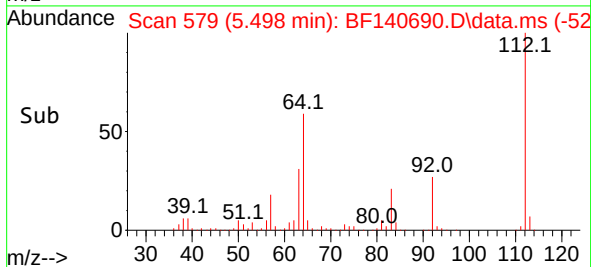
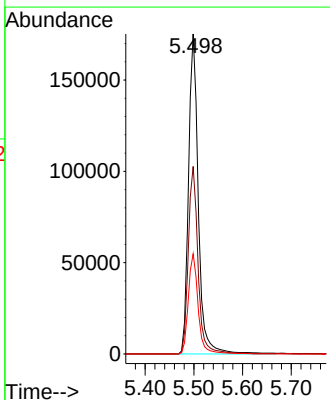
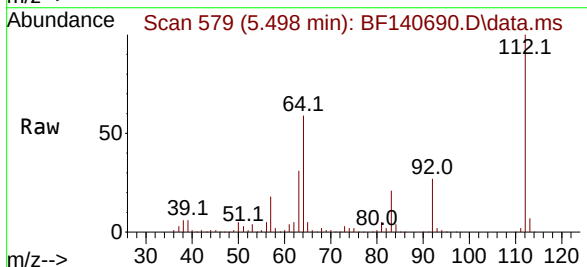
Instrument :
BNA_F
ClientSampleId :
TW-WTS-02

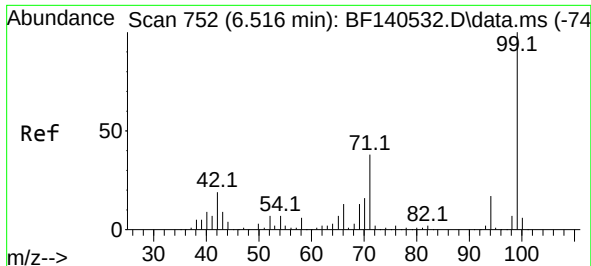
Tgt Ion:152 Resp: 75537
Ion Ratio Lower Upper
152 100
150 153.5 128.5 192.7
115 61.3 50.2 75.4



#5
2-Fluorophenol
Concen: 55.537 ng
RT: 5.498 min Scan# 579
Delta R.T. -0.000 min
Lab File: BF140690.D
Acq: 02 Dec 2024 15:55

Tgt Ion:112 Resp: 245873
Ion Ratio Lower Upper
112 100
64 58.6 49.2 73.8
63 31.3 27.0 40.4

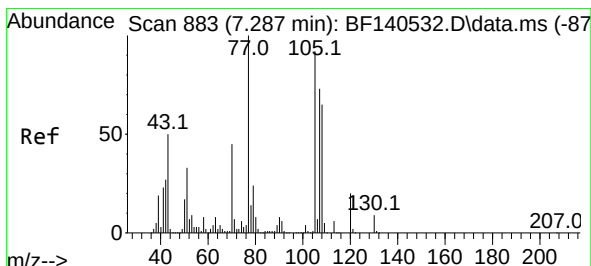
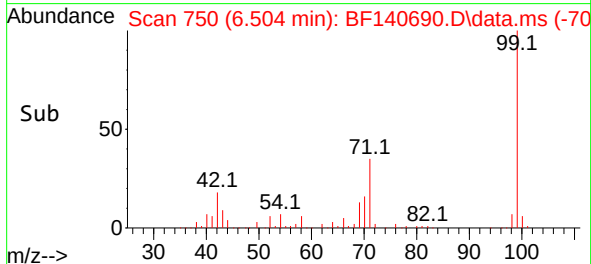
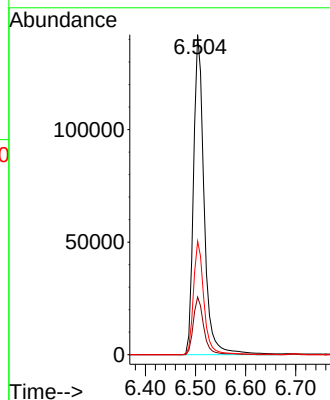
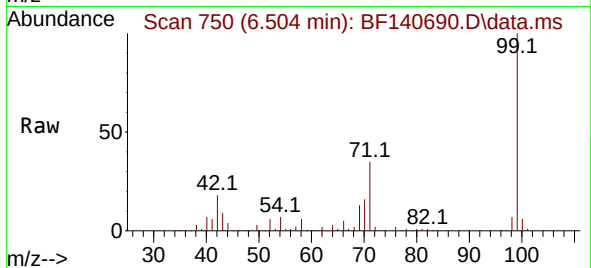




#7
Phenol-d6
Concen: 35.757 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140690.D
Acq: 02 Dec 2024 15:55

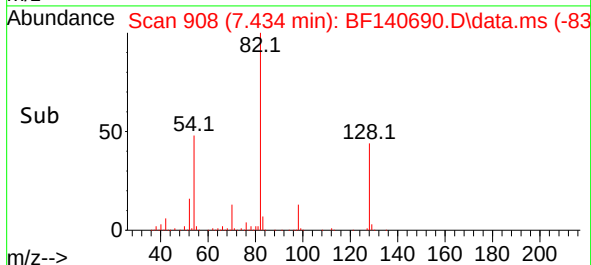
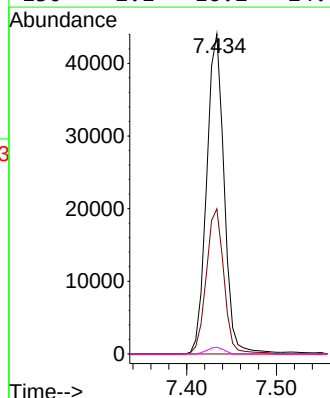
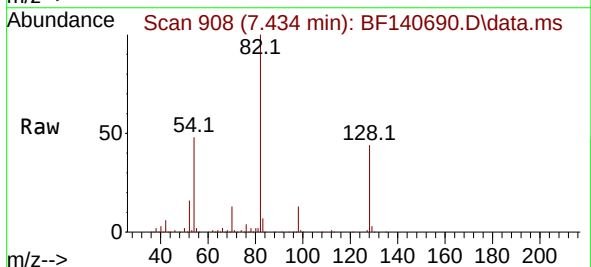
Instrument :
BNA_F
ClientSampleId :
TW-WTS-02

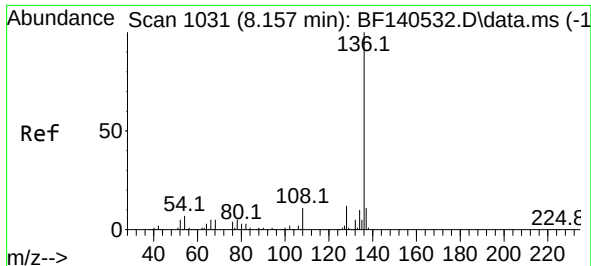
Tgt Ion: 99 Resp: 209280
Ion Ratio Lower Upper
99 100
42 18.0 15.4 23.0
71 35.4 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 17.240 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF140690.D
Acq: 02 Dec 2024 15:55

Tgt Ion: 70 Resp: 59635
Ion Ratio Lower Upper
70 100
42 45.3 47.6 71.4#
101 0.0 7.6 11.4#
130 2.1 16.2 24.4#



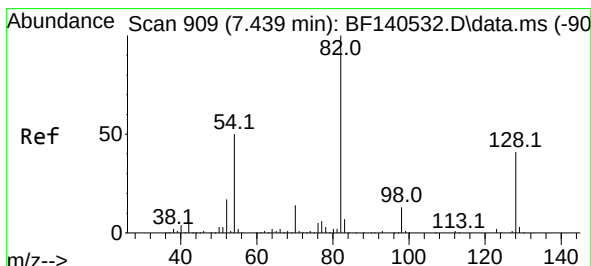
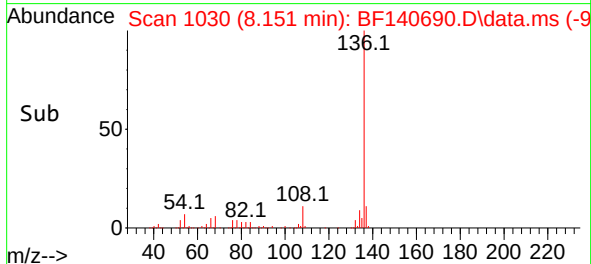
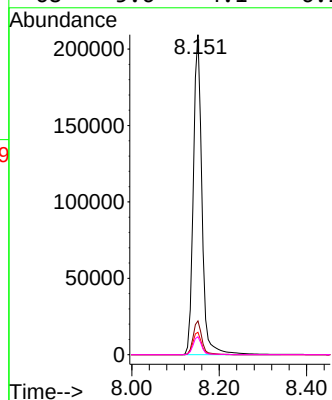
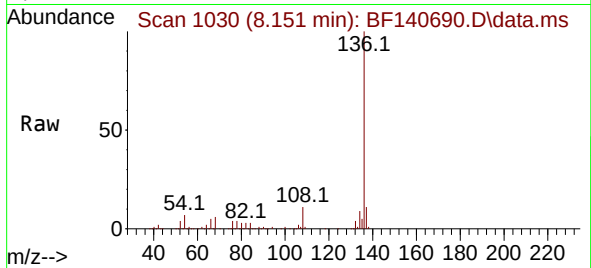


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140690.D
Acq: 02 Dec 2024 15:55

Instrument :
BNA_F
ClientSampleId :
TW-WTS-02

Tgt Ion:136 Resp: 287073

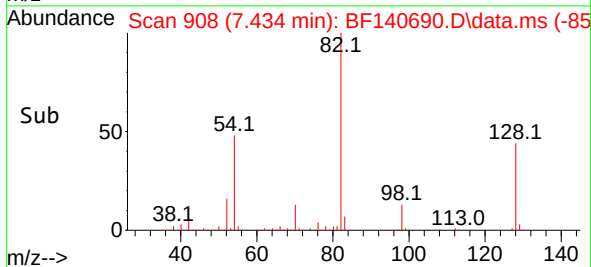
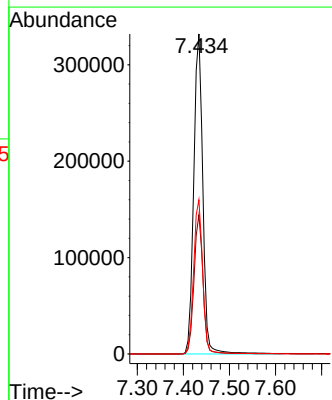
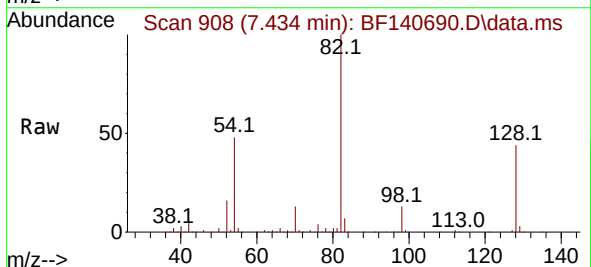
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	7.0	5.8	8.8
68	5.6	4.1	6.1

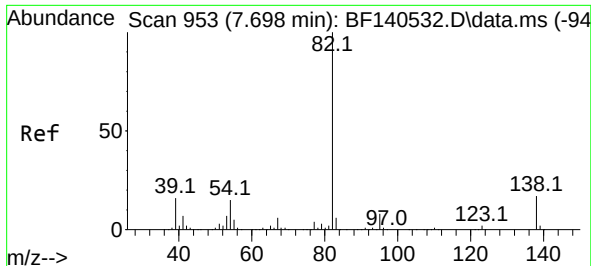


#23
Nitrobenzene-d5
Concen: 80.915 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140690.D
Acq: 02 Dec 2024 15:55

Tgt Ion: 82 Resp: 454121

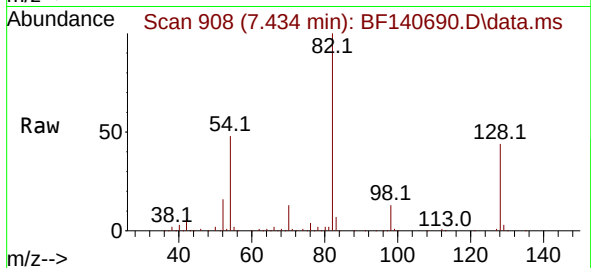
Ion	Ratio	Lower	Upper
82	100		
128	43.5	33.0	49.4
54	48.2	39.5	59.3



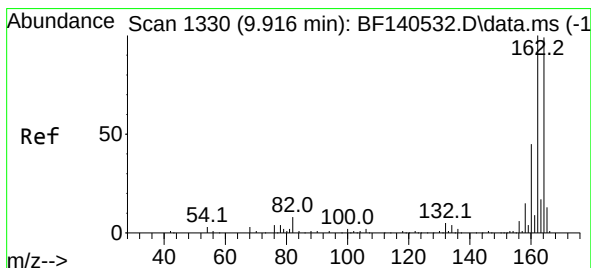
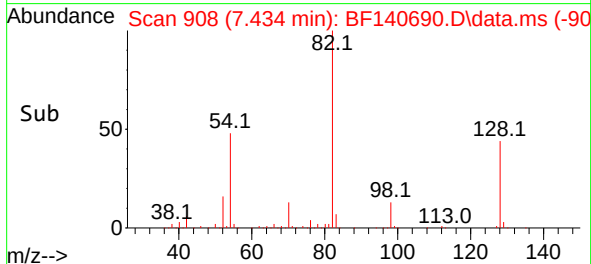
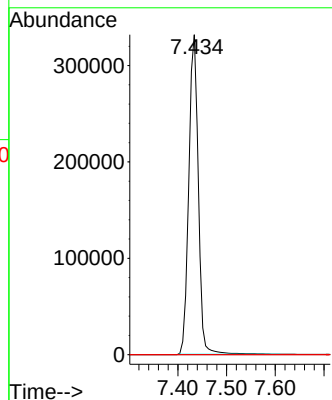


#25
Isophorone
Concen: 47.796 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140690.D
Acq: 02 Dec 2024 15:55

Instrument :
BNA_F
ClientSampleId :
TW-WTS-02

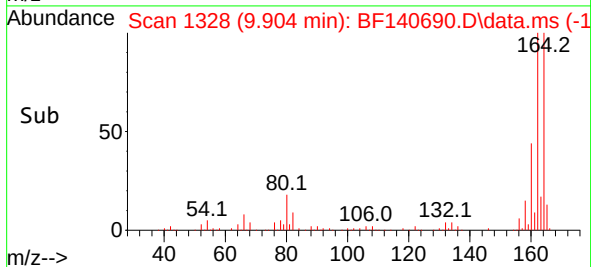
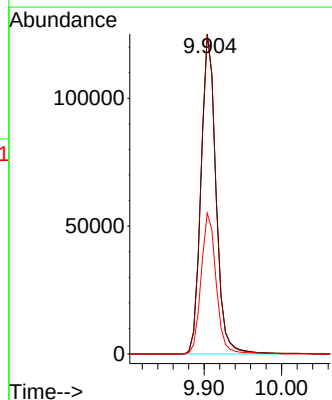
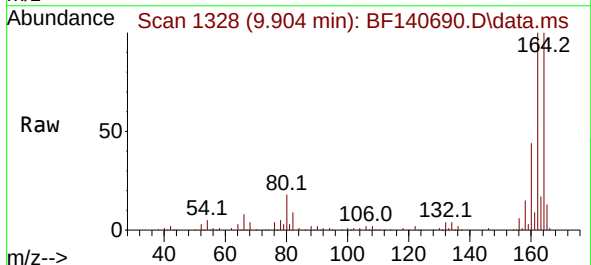


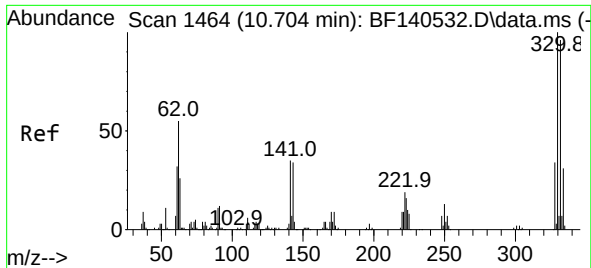
Tgt Ion: 82 Resp: 447419
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140690.D
Acq: 02 Dec 2024 15:55

Tgt Ion: 164 Resp: 167519
Ion Ratio Lower Upper
164 100
162 100.1 80.6 120.8
160 44.0 36.2 54.4

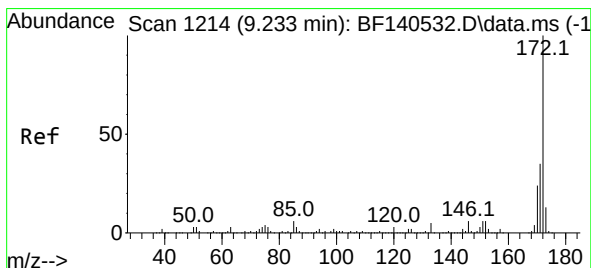
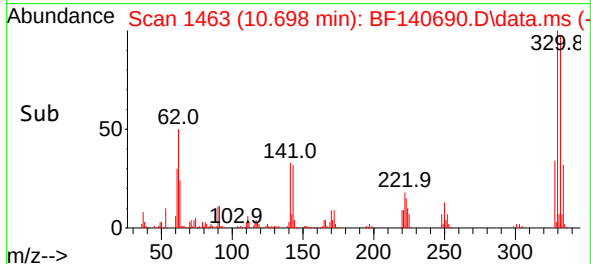
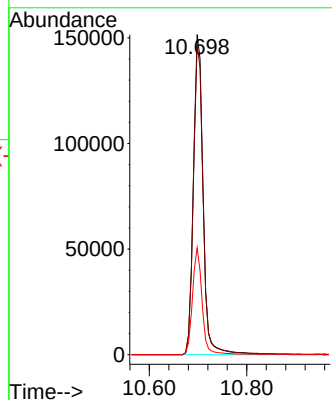
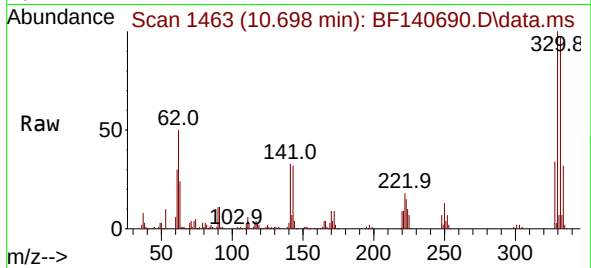




#42
 2,4,6-Tribromophenol
 Concen: 117.869 ng
 RT: 10.698 min Scan# 1463
 Delta R.T. -0.006 min
 Lab File: BF140690.D
 Acq: 02 Dec 2024 15:55

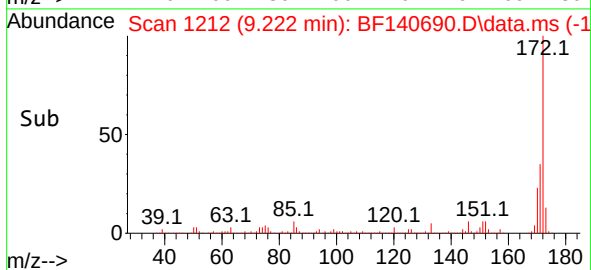
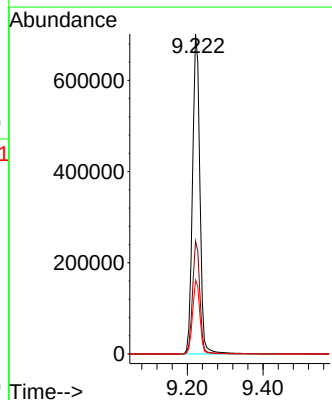
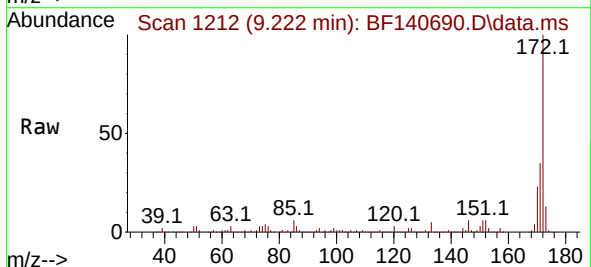
Instrument :
 BNA_F
 ClientSampleId :
 TW-WTS-02

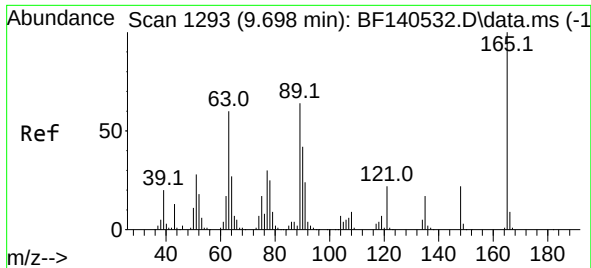
Tgt Ion: 330 Resp: 211177
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.9 115.3
 141 32.8 26.7 40.1



#45
 2-Fluorobiphenyl
 Concen: 84.120 ng
 RT: 9.222 min Scan# 1212
 Delta R.T. -0.012 min
 Lab File: BF140690.D
 Acq: 02 Dec 2024 15:55

Tgt Ion: 172 Resp: 945791
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.4 42.6
 170 23.1 19.0 28.6

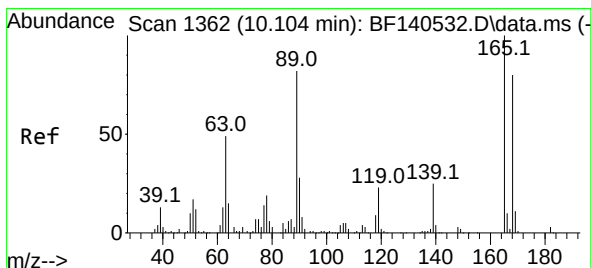
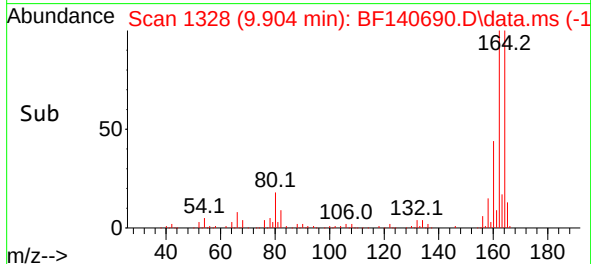
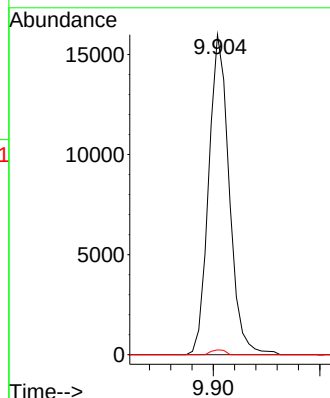
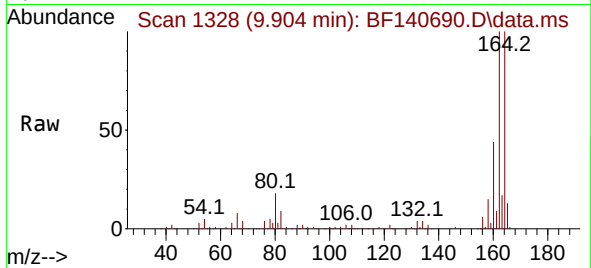




#51
2,6-Dinitrotoluene
Concen: 8.543 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140690.D
Acq: 02 Dec 2024 15:55

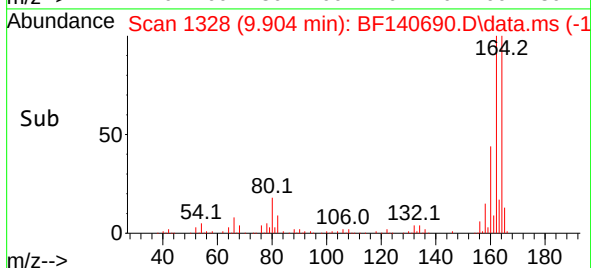
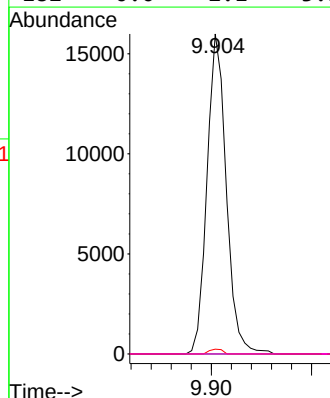
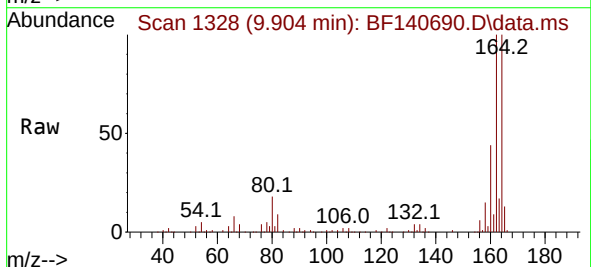
Instrument :
BNA_F
ClientSampleId :
TW-WTS-02

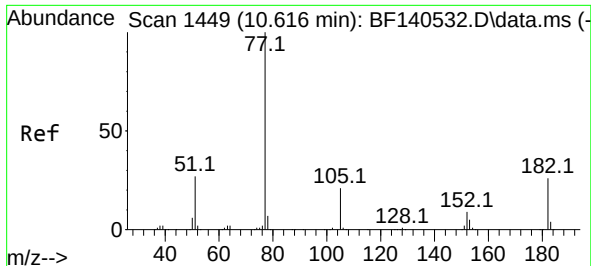
Tgt Ion:165 Resp: 21376
Ion Ratio Lower Upper
165 100
63 0.0 49.9 74.9#
89 1.5 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 6.428 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF140690.D
Acq: 02 Dec 2024 15:55

Tgt Ion:165 Resp: 21376
Ion Ratio Lower Upper
165 100
63 0.0 41.7 62.5#
89 1.5 65.8 98.8#
182 0.0 2.1 3.1#

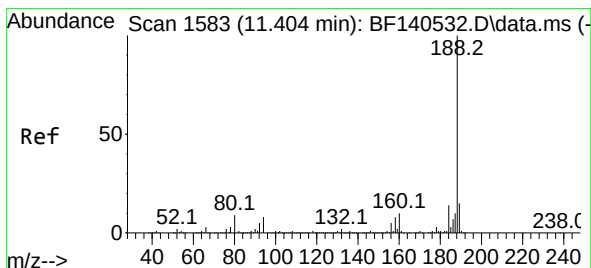
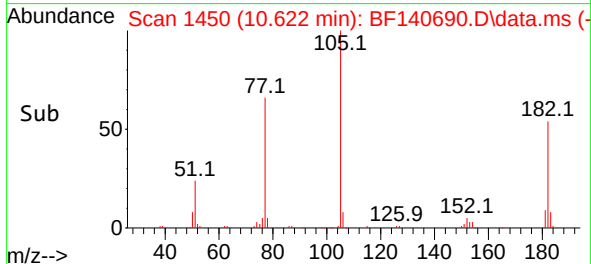
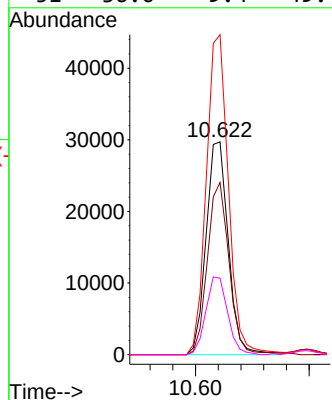
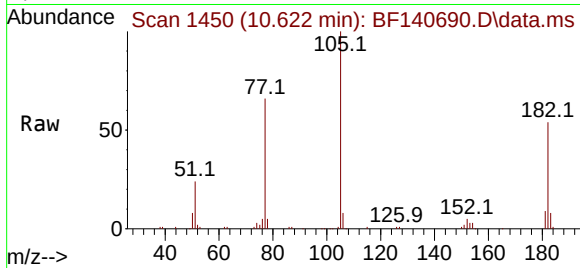




#63
Azobenzene
Concen: 3.804 ng
RT: 10.622 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF140690.D
Acq: 02 Dec 2024 15:55

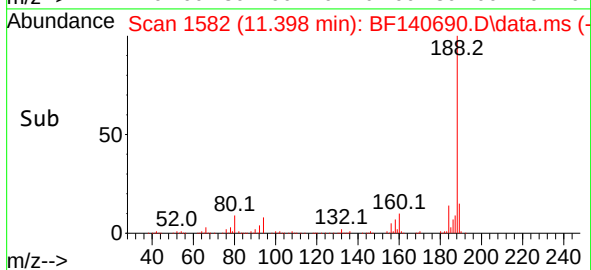
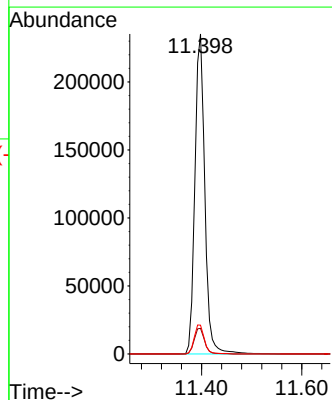
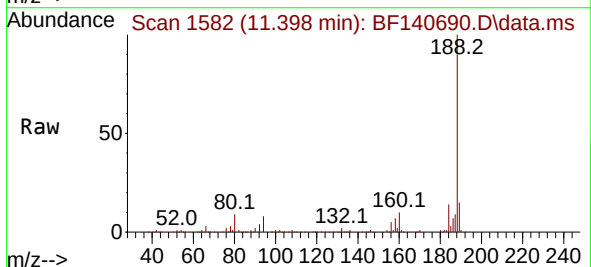
Instrument :
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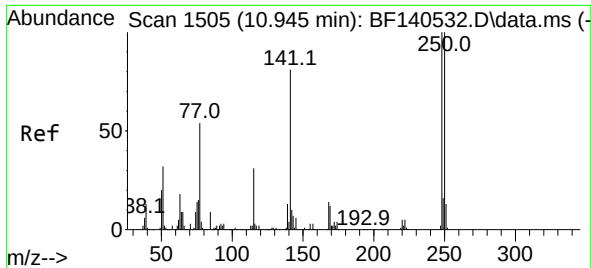
Tgt Ion: 77	Resp: 40376
Ion Ratio	Lower Upper
77 100	
182 81.0	5.3 45.3#
105 150.4	0.3 40.3#
51 36.0	9.4 49.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140690.D
Acq: 02 Dec 2024 15:55

Tgt Ion: 188	Resp: 321708
Ion Ratio	Lower Upper
188 100	
94 8.0	6.4 9.6
80 9.0	6.9 10.3

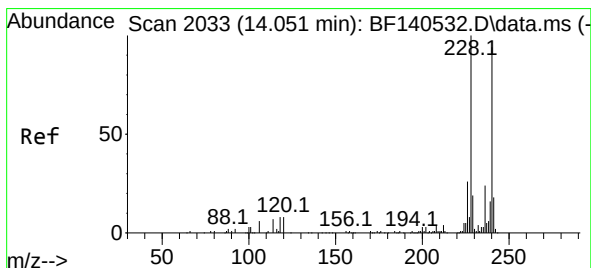
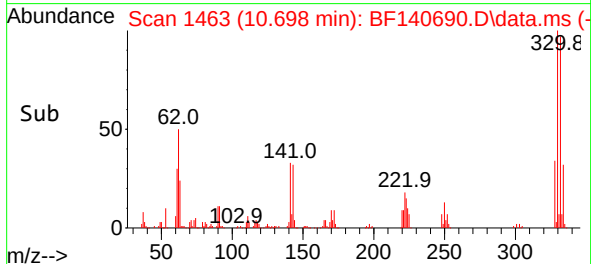
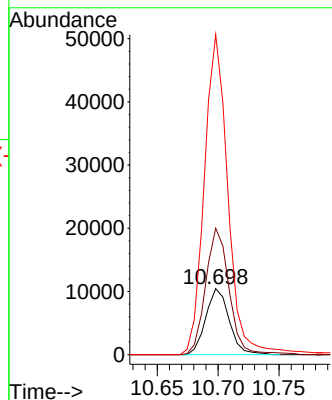
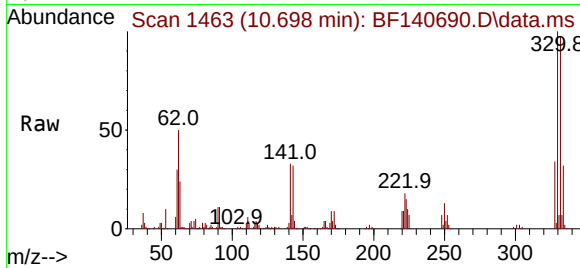




#67
4-Bromophenyl-phenylether
Concen: 4.218 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140690.D
Acq: 02 Dec 2024 15:55

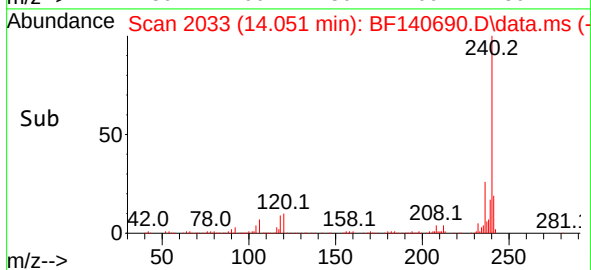
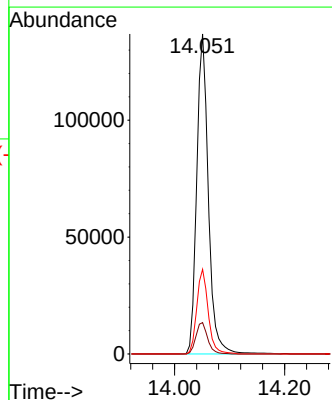
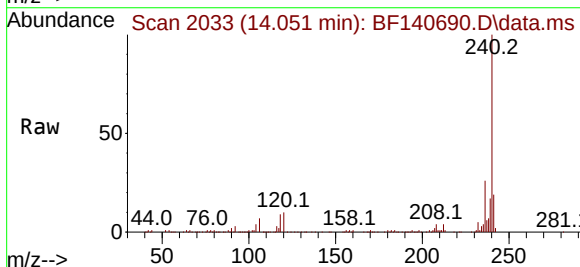
Instrument :
BNA_F
ClientSampleId :
TW-WTS-02

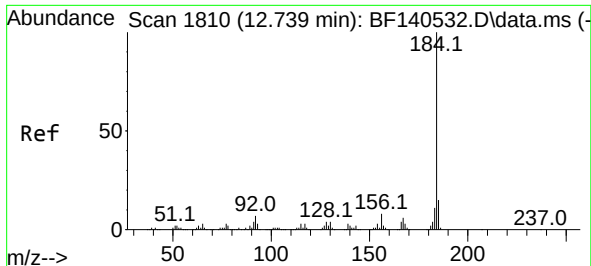
Tgt Ion:248 Resp: 13974
Ion Ratio Lower Upper
248 100
250 191.6 79.8 119.8#
141 484.7 64.7 97.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF140690.D
Acq: 02 Dec 2024 15:55

Tgt Ion:240 Resp: 200835
Ion Ratio Lower Upper
240 100
120 9.8 7.3 10.9
236 26.4 20.6 31.0

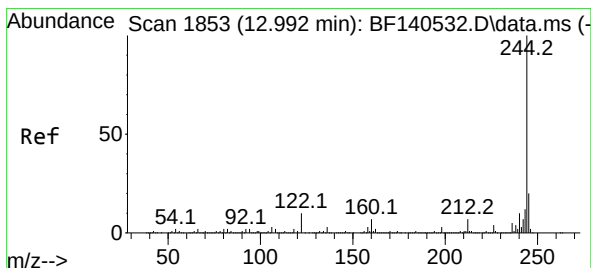
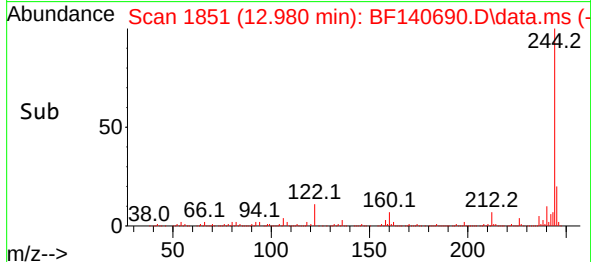
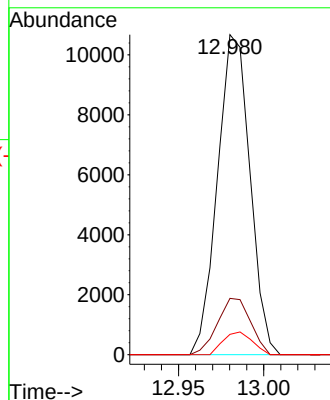
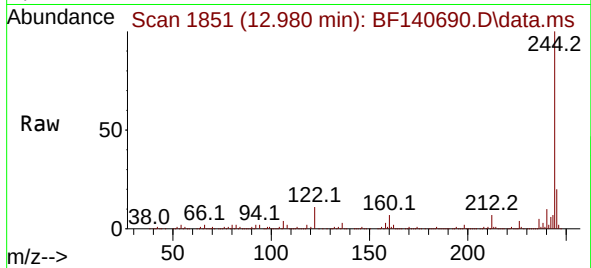




#77
Benzidine
Concen: 2.421 ng
RT: 12.980 min Scan# 1851
Delta R.T. 0.241 min
Lab File: BF140690.D
Acq: 02 Dec 2024 15:55

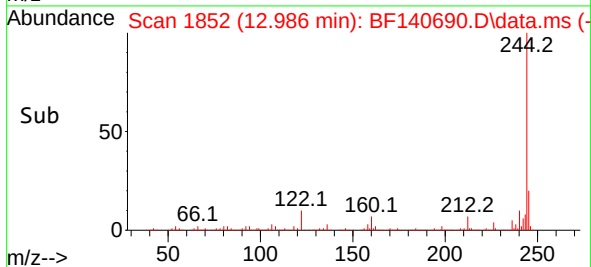
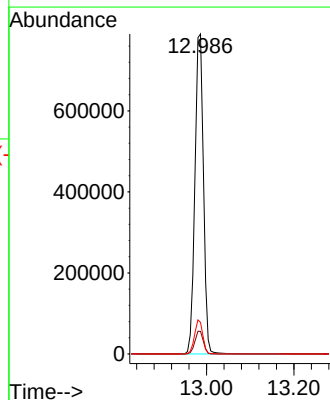
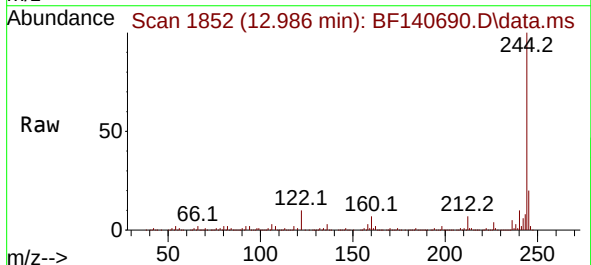
Instrument :
BNA_F
ClientSampleId :
TW-WTS-02

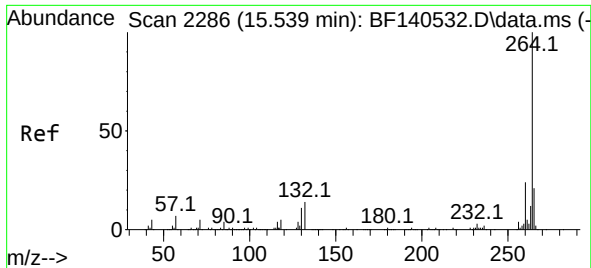
Tgt Ion:184 Resp: 14134
Ion Ratio Lower Upper
184 100
185 17.6 11.7 17.5#
183 6.4 8.8 13.2#



#79
Terphenyl-d14
Concen: 83.371 ng
RT: 12.986 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF140690.D
Acq: 02 Dec 2024 15:55

Tgt Ion:244 Resp: 1075302
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 9.8 8.0 12.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF140690.D
Acq: 02 Dec 2024 15:55

Instrument :
BNA_F
ClientSampleId :
TW-WTS-02

Tgt Ion:264 Resp: 164723

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.6
265	21.3	16.6	25.0

