

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
 Data File : BF140363.D
 Acq On : 14 Nov 2024 15:39
 Operator : RC/JU
 Sample : P4718-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WB-307-SW

Quant Time: Nov 14 18:19:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

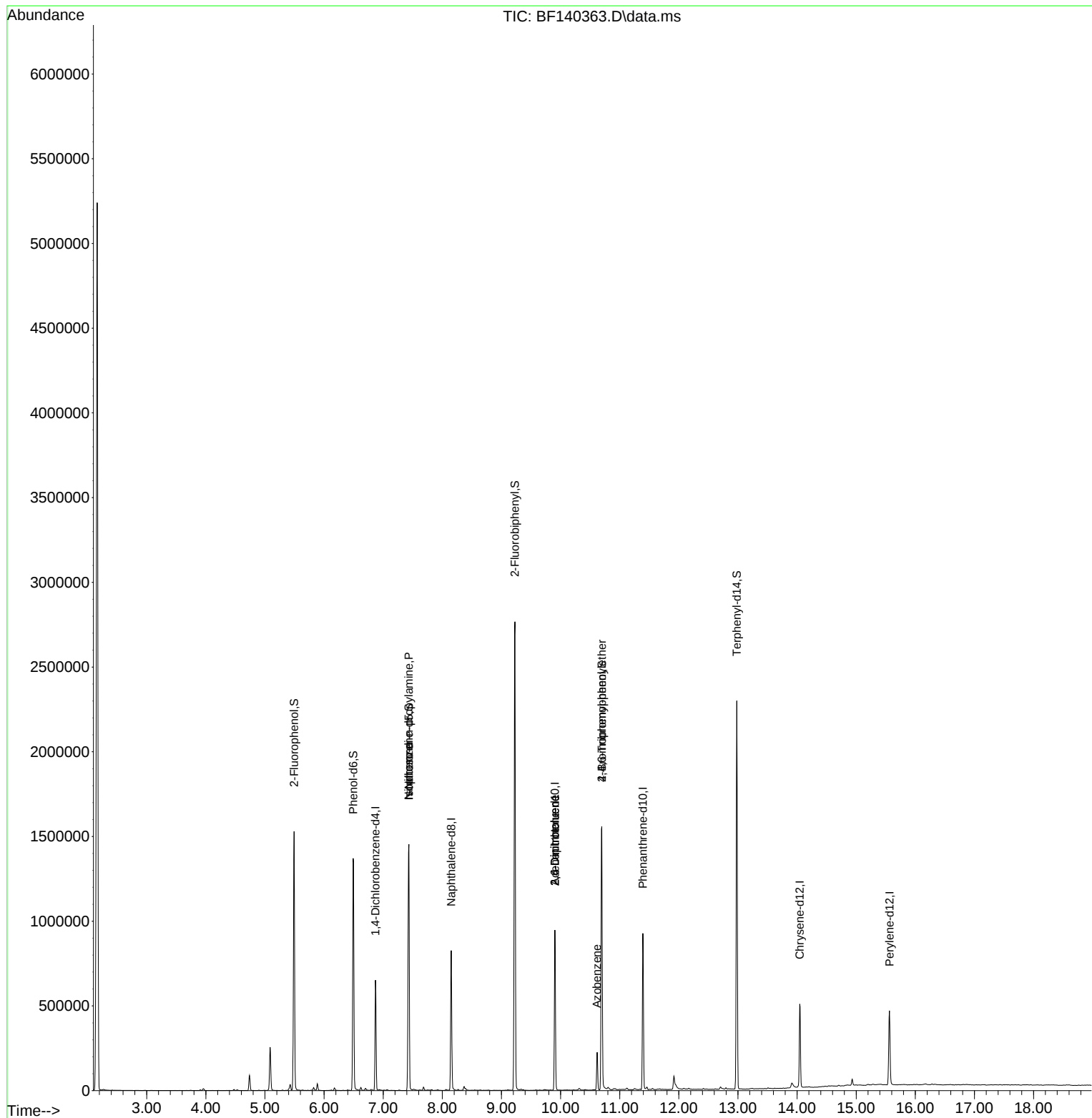
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	137046	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	514015	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	280819	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	486241	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	241422	20.000	ng	0.00
86) Perylene-d12	15.562	264	265329	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	564887	70.376	ng	0.00
7) Phenol-d6	6.492	99	668570	61.479	ng	-0.01
23) Nitrobenzene-d5	7.433	82	702982	71.257	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	271410	97.192	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1271885	72.809	ng	0.00
79) Terphenyl-d14	12.980	244	1095780	78.785	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.433	70	93336	14.211	ng	# 79
25) Isophorone	7.433	82	696208	39.819	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	36589	8.768	ng	# 22
57) 2,4-Dinitrotoluene	9.904	165	36589	6.662	ng	# 20
63) Azobenzene	10.616	77	60084	3.249	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	17493	3.599	ng	# 1

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

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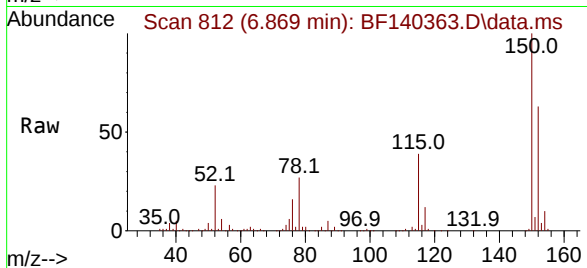
Quant Time: Nov 14 18:19:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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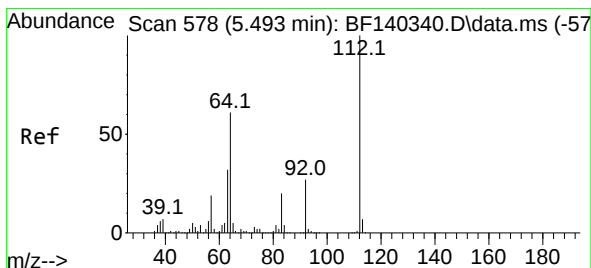
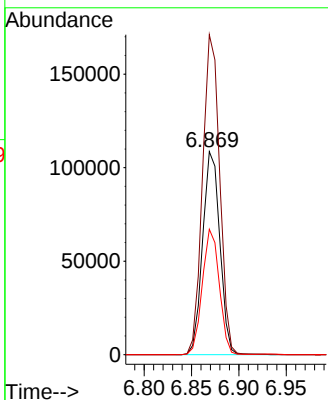
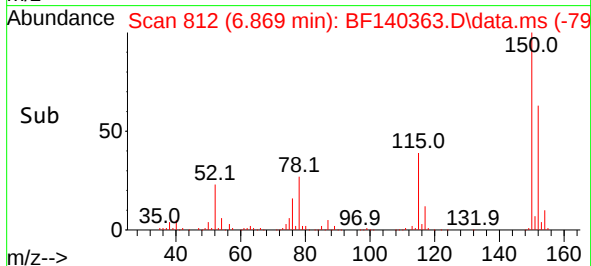


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.012 min
Lab File: BF140363.D
Acq: 14 Nov 2024 15:39

Instrument :
BNA_F
ClientSampleId :
WB-307-SW

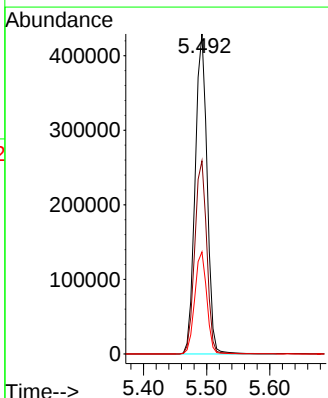
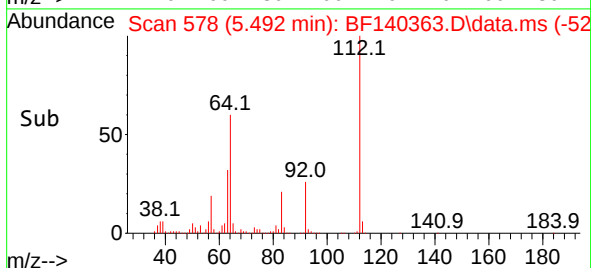
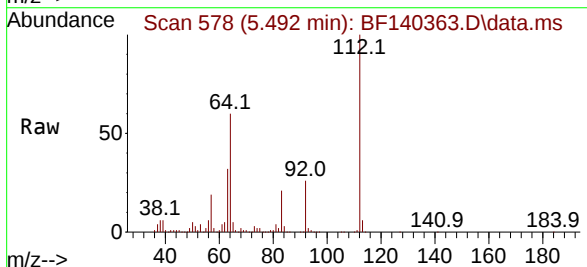


Tgt Ion:152 Resp: 137046
Ion Ratio Lower Upper
152 100
150 157.7 127.4 191.0
115 61.8 47.4 71.2



#5
2-Fluorophenol
Concen: 70.376 ng
RT: 5.492 min Scan# 578
Delta R.T. -0.000 min
Lab File: BF140363.D
Acq: 14 Nov 2024 15:39

Tgt Ion:112 Resp: 564887
Ion Ratio Lower Upper
112 100
64 60.4 49.2 73.8
63 31.9 25.6 38.4

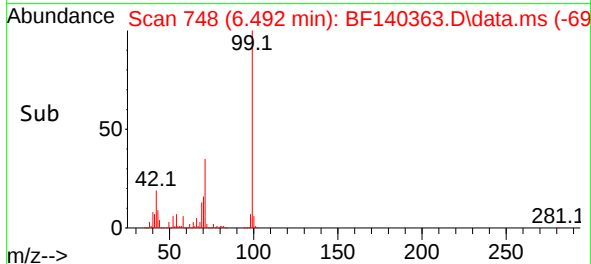
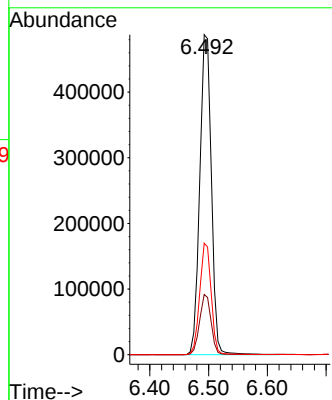
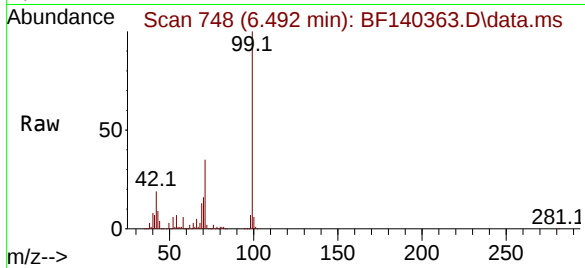




#7
Phenol-d6
Concen: 61.479 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF140363.D
Acq: 14 Nov 2024 15:39

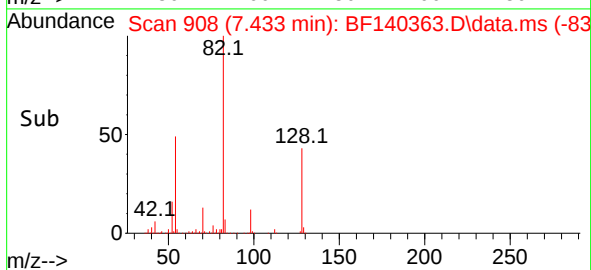
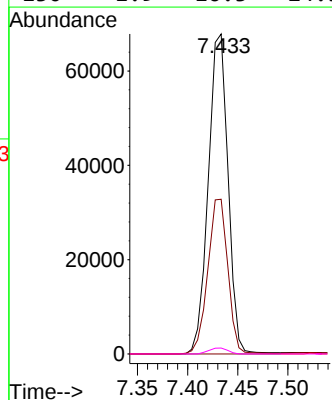
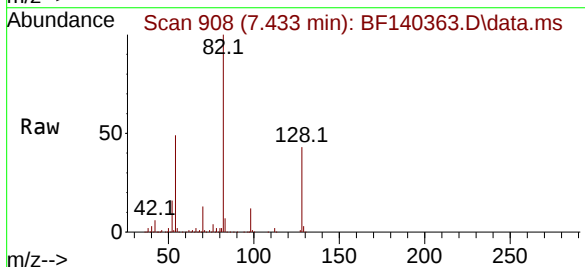
Instrument :
BNA_F
ClientSampleId :
WB-307-SW

Tgt Ion: 99 Resp: 668570
Ion Ratio Lower Upper
99 100
42 18.8 15.1 22.7
71 34.9 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 14.211 ng
RT: 7.433 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140363.D
Acq: 14 Nov 2024 15:39

Tgt Ion: 70 Resp: 93336
Ion Ratio Lower Upper
70 100
42 48.4 46.8 70.2
101 0.0 7.5 11.3#
130 1.9 16.3 24.5#



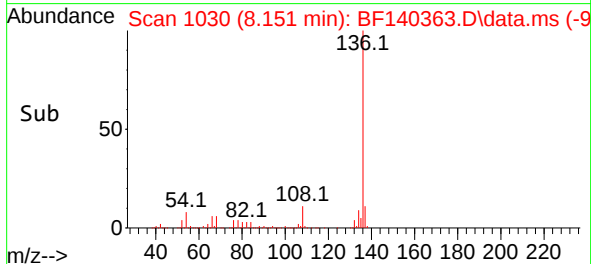
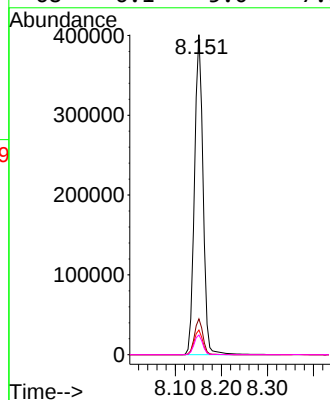
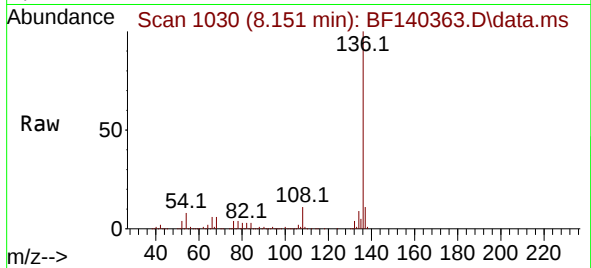


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140363.D
Acq: 14 Nov 2024 15:39

Instrument :
BNA_F
ClientSampleId :
WB-307-SW

Tgt Ion:136 Resp: 514015

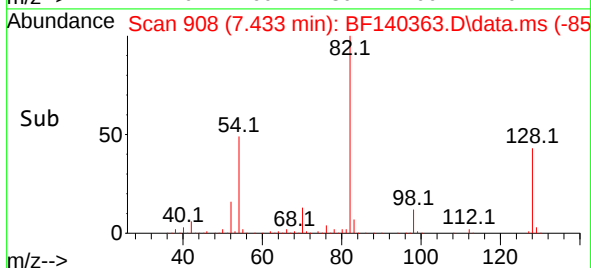
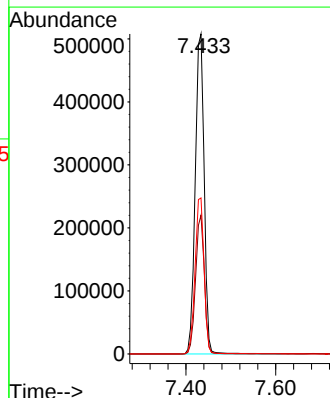
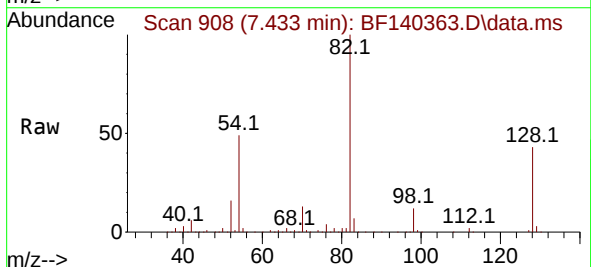
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	7.7	6.5	9.7
68	6.1	5.0	7.6



#23
Nitrobenzene-d5
Concen: 71.257 ng
RT: 7.433 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140363.D
Acq: 14 Nov 2024 15:39

Tgt Ion: 82 Resp: 702982

Ion	Ratio	Lower	Upper
82	100		
128	43.3	33.3	49.9
54	48.8	39.8	59.8

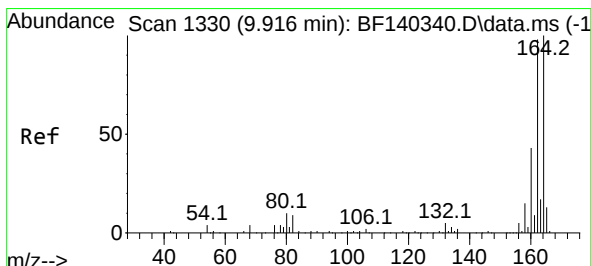
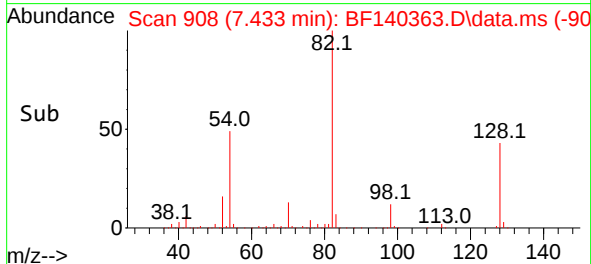
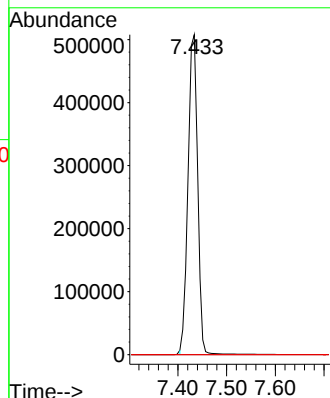
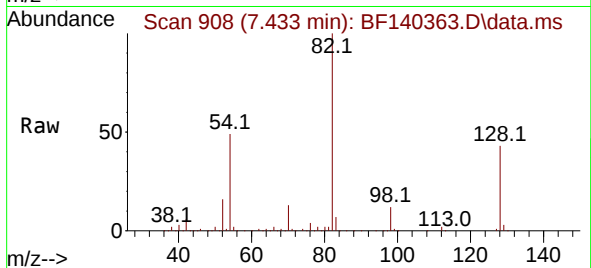




#25
Isophorone
Concen: 39.819 ng
RT: 7.433 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140363.D
Acq: 14 Nov 2024 15:39

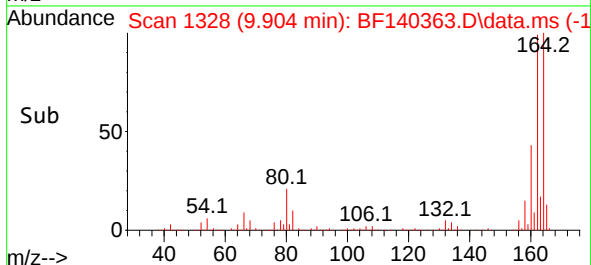
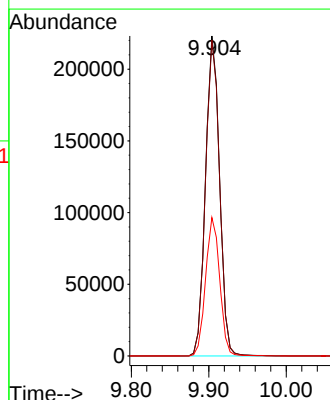
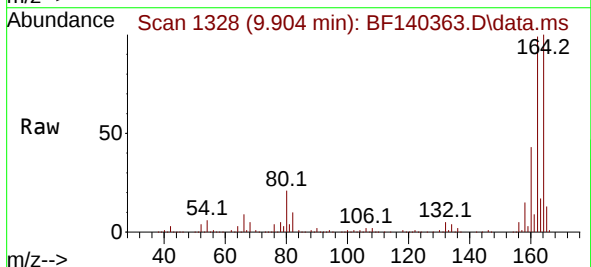
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ClientSampleId :
WB-307-SW

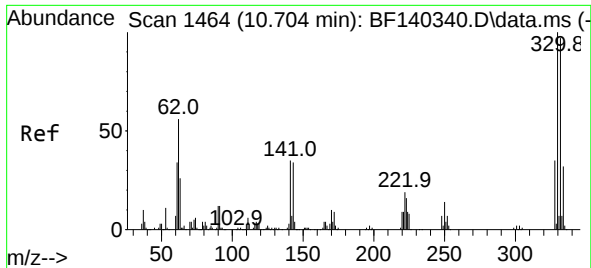
Tgt Ion: 82 Resp: 696208
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140363.D
Acq: 14 Nov 2024 15:39

Tgt Ion: 164 Resp: 280819
Ion Ratio Lower Upper
164 100
162 98.7 79.8 119.8
160 43.2 35.4 53.0

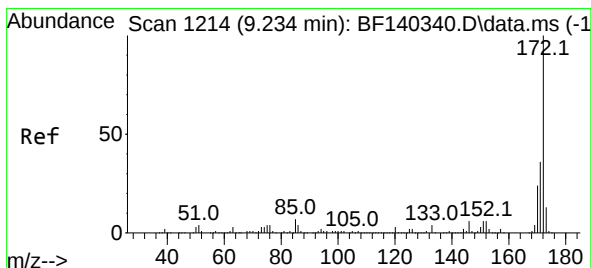
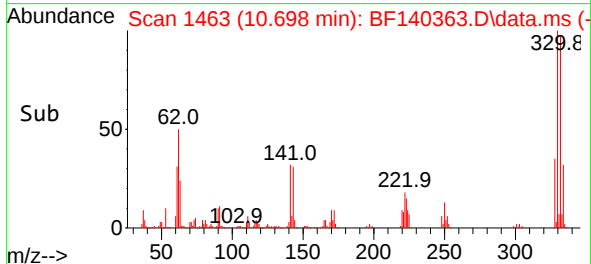
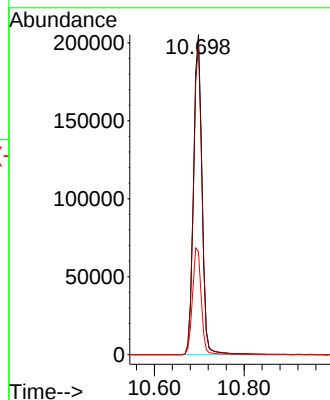
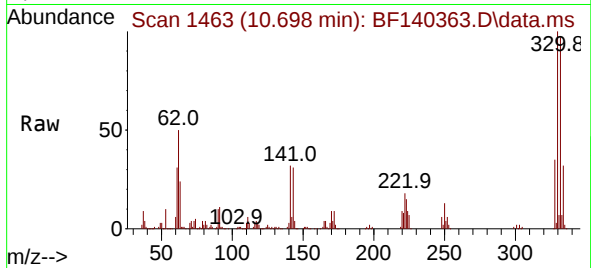




#42
2,4,6-Tribromophenol
Concen: 97.192 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140363.D
Acq: 14 Nov 2024 15:39

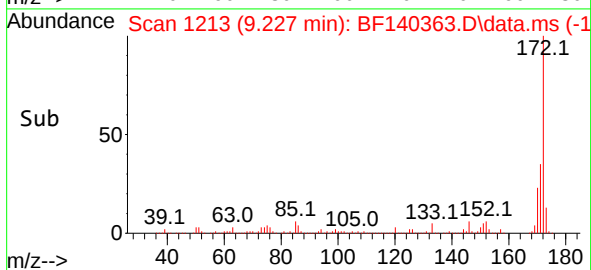
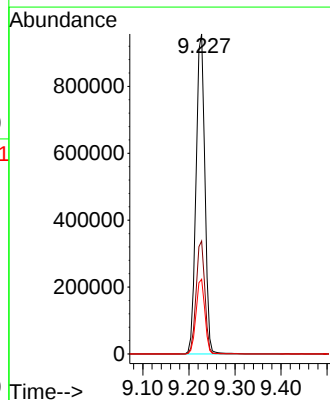
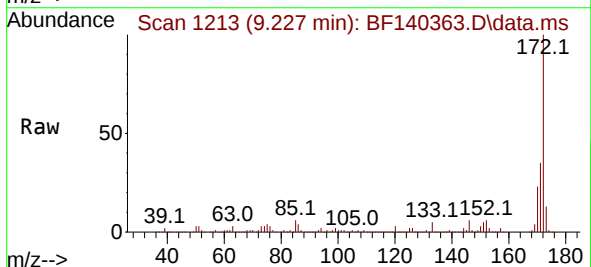
Instrument :
BNA_F
ClientSampleId :
WB-307-SW

Tgt Ion: 330 Resp: 271410
Ion Ratio Lower Upper
330 100
332 96.8 75.9 113.9
141 34.4 26.9 40.3



#45
2-Fluorobiphenyl
Concen: 72.809 ng
RT: 9.227 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140363.D
Acq: 14 Nov 2024 15:39

Tgt Ion: 172 Resp: 1271885
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 23.4 19.1 28.7

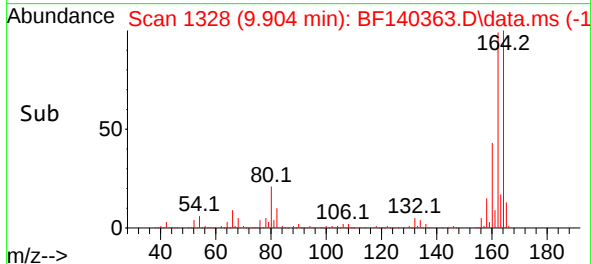
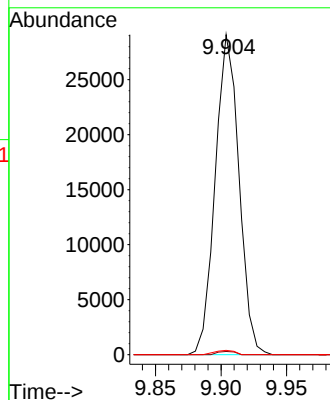
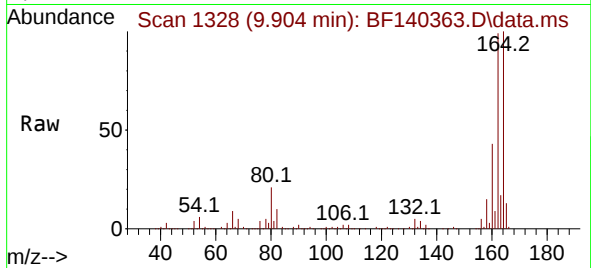




#51
2,6-Dinitrotoluene
Concen: 8.768 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140363.D
Acq: 14 Nov 2024 15:39

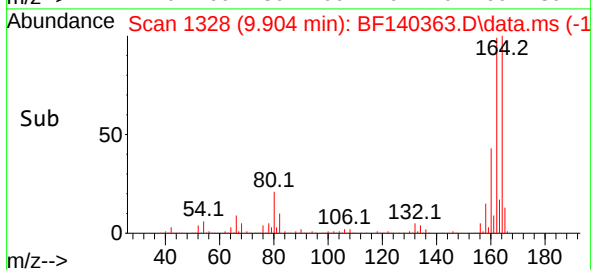
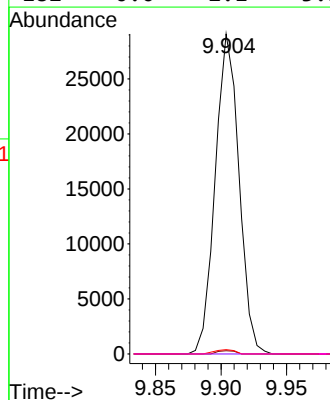
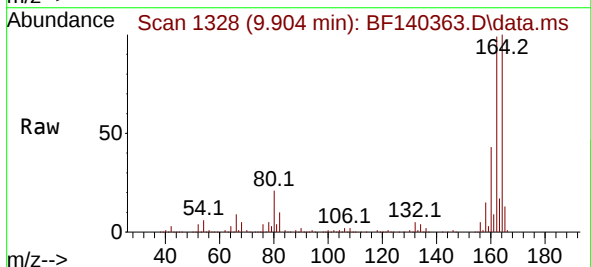
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BNA_F
ClientSampleId :
WB-307-SW

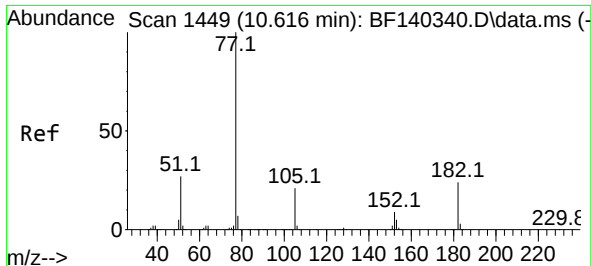
Tgt Ion:165 Resp: 36589
Ion Ratio Lower Upper
165 100
63 1.0 47.6 71.4#
89 1.3 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.662 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF140363.D
Acq: 14 Nov 2024 15:39

Tgt Ion:165 Resp: 36589
Ion Ratio Lower Upper
165 100
63 1.0 39.4 59.0#
89 1.3 62.4 93.6#
182 0.0 2.1 3.1#

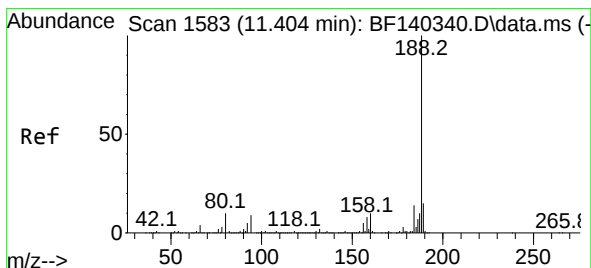
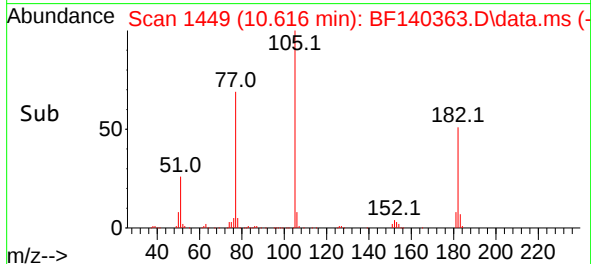
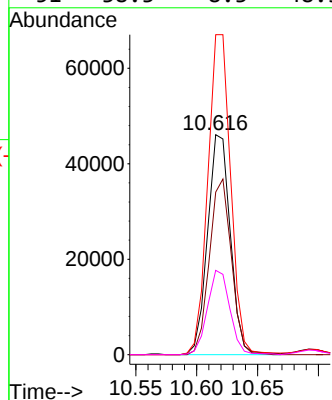
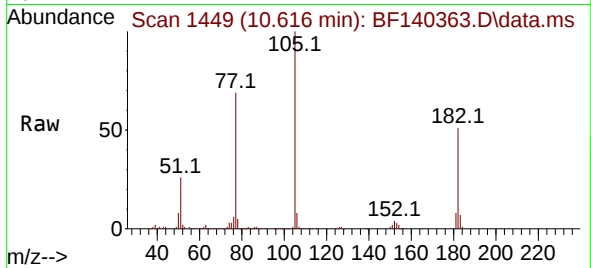




#63
Azobenzene
Concen: 3.249 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF140363.D
Acq: 14 Nov 2024 15:39

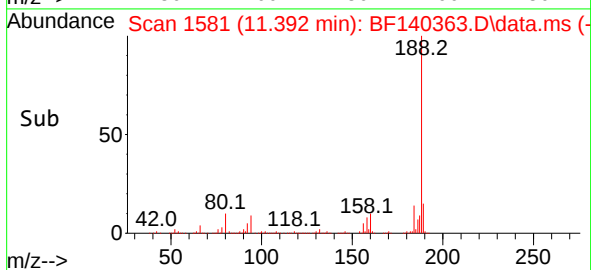
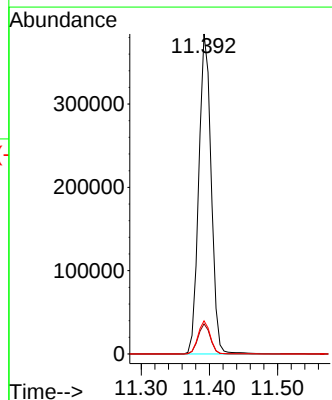
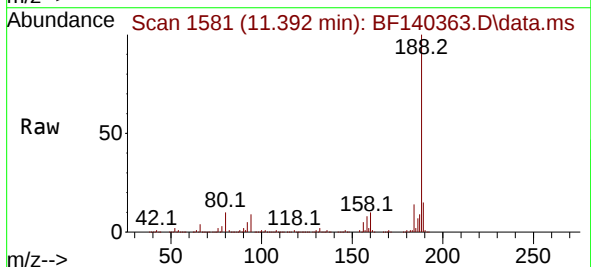
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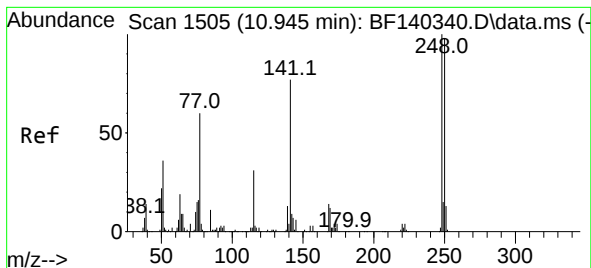
Tgt Ion: 77	Resp: 60084
Ion Ratio	Lower Upper
77 100	
182 73.9	4.6 44.6#
105 145.4	0.9 40.9#
51 38.3	8.3 48.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF140363.D
Acq: 14 Nov 2024 15:39

Tgt Ion: 188	Resp: 486241
Ion Ratio	Lower Upper
188 100	
94 9.4	7.6 11.4
80 10.3	8.0 12.0

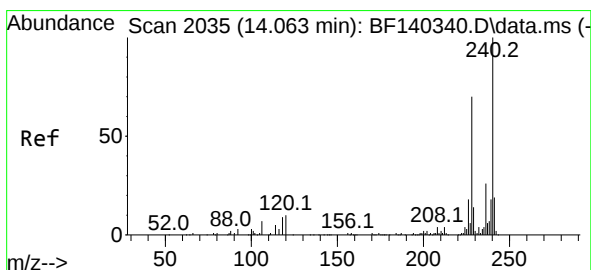
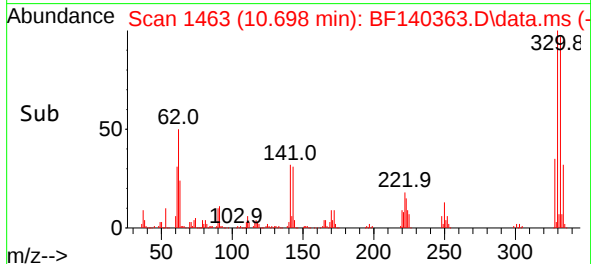
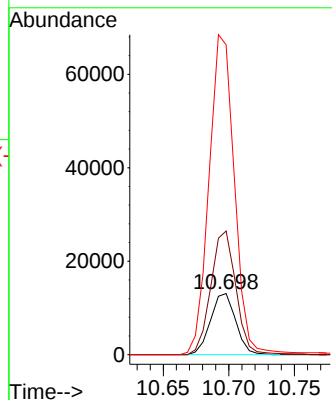
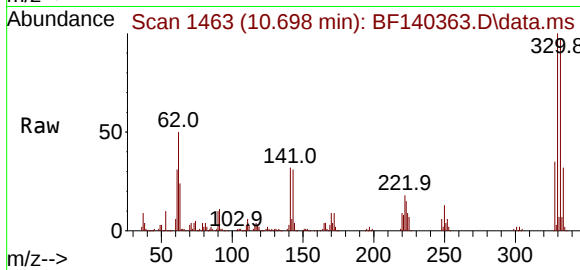




#67
4-Bromophenyl-phenylether
Concen: 3.599 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140363.D
Acq: 14 Nov 2024 15:39

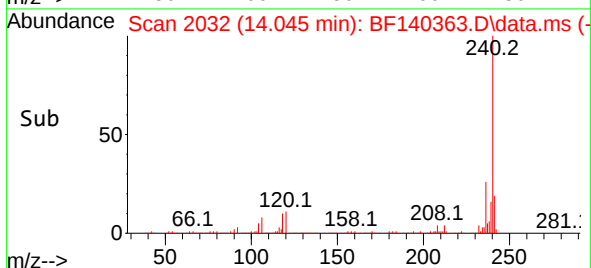
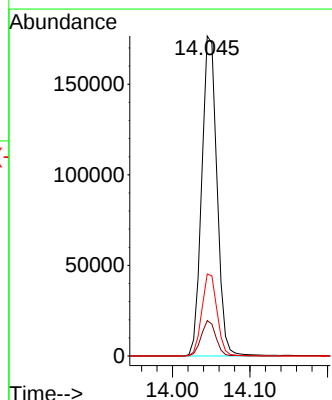
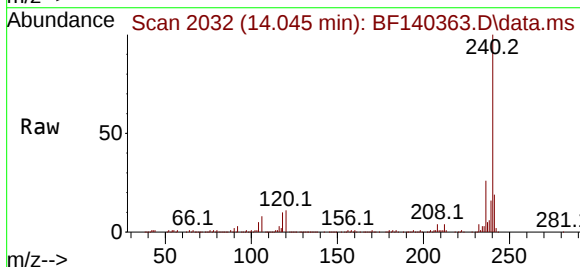
Instrument :
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ClientSampleId :
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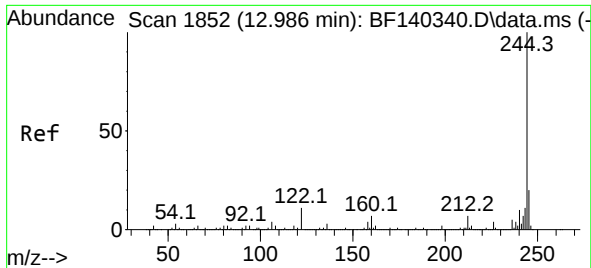
Tgt Ion:248 Resp: 17493
Ion Ratio Lower Upper
248 100
250 202.6 77.9 116.9#
141 507.5 61.8 92.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140363.D
Acq: 14 Nov 2024 15:39

Tgt Ion:240 Resp: 241422
Ion Ratio Lower Upper
240 100
120 11.1 8.8 13.2
236 25.6 20.9 31.3

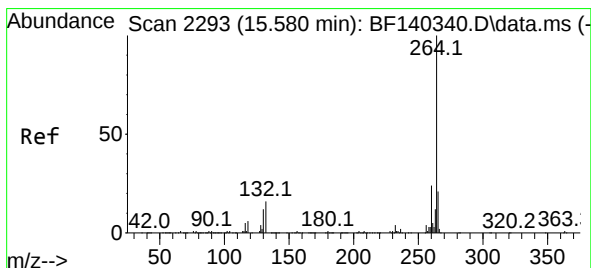
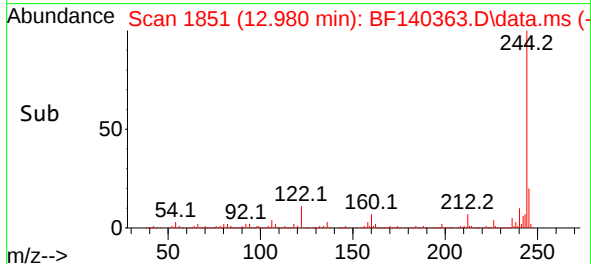
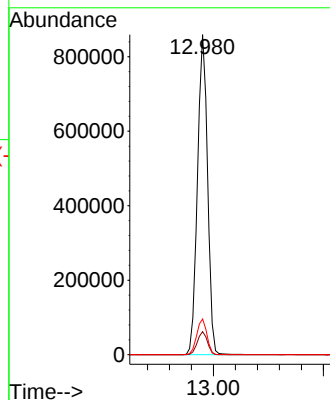
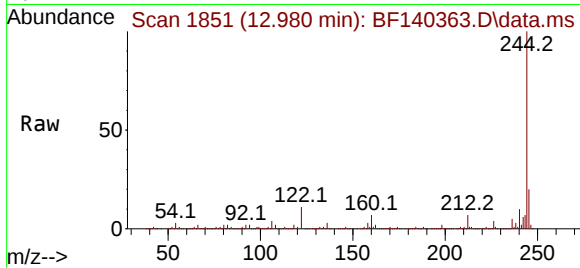




#79
 Terphenyl-d14
 Concen: 78.785 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF140363.D
 Acq: 14 Nov 2024 15:39

Instrument :
 BNA_F
 ClientSampleId :
 WB-307-SW

Tgt Ion:244 Resp: 1095780
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 11.1 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.562 min Scan# 2290
 Delta R.T. 0.006 min
 Lab File: BF140363.D
 Acq: 14 Nov 2024 15:39

Tgt Ion:264 Resp: 265329
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.4 17.1 25.7

