

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
 Data File : BF140618.D
 Acq On : 25 Nov 2024 22:03
 Operator : RC/JU
 Sample : P4960-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW1

Quant Time: Nov 26 00:11:08 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)

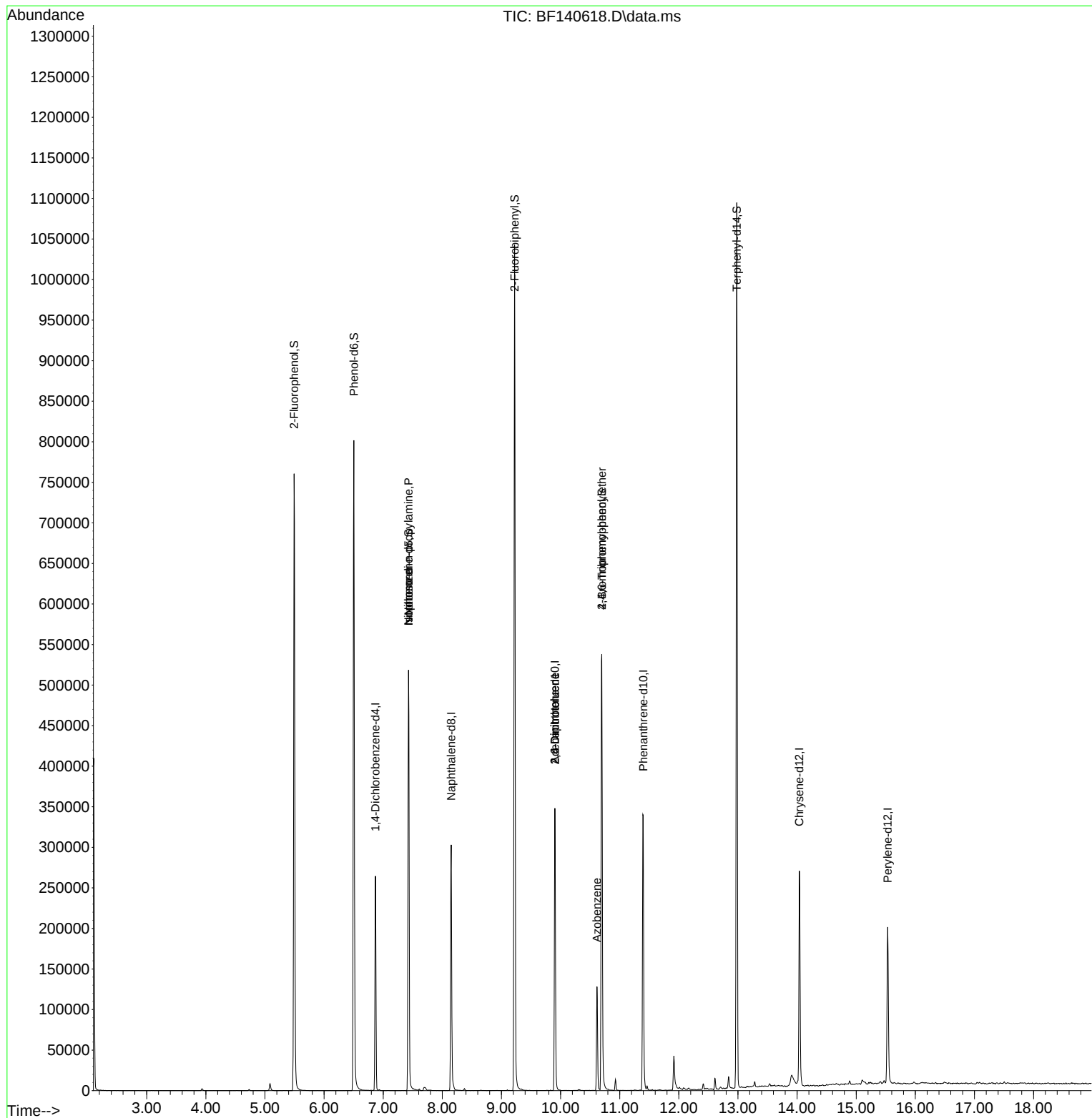
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	55736	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	203345	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	108187	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	202905	20.000	ng	0.00
76) Chrysene-d12	14.039	240	132880	20.000	ng	-0.01
86) Perylene-d12	15.533	264	124914	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	290601	88.960	ng	0.00
7) Phenol-d6	6.504	99	371592	86.045	ng	-0.01
23) Nitrobenzene-d5	7.428	82	241115	60.651	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	102101	88.241	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	465997	64.177	ng	-0.01
79) Terphenyl-d14	12.980	244	525872	61.623	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	32168	12.604	ng	# 76
25) Isophorone	7.428	82	240721	36.304	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	13503	8.356	ng	# 19
57) 2,4-Dinitrotoluene	9.904	165	13503	6.287	ng	# 17
63) Azobenzene	10.616	77	35411	5.165	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	6390	3.058	ng	# 1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
Data File : BF140618.D
Acq On : 25 Nov 2024 22:03
Operator : RC/JU
Sample : P4960-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW1

Quant Time: Nov 26 00:11:08 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

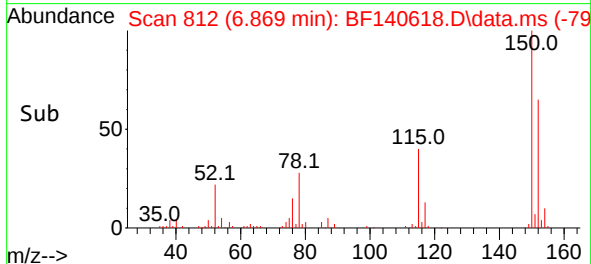
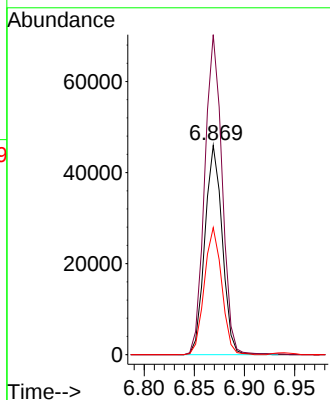
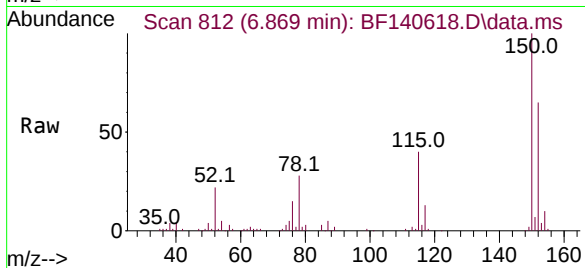




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140618.D
Acq: 25 Nov 2024 22:03

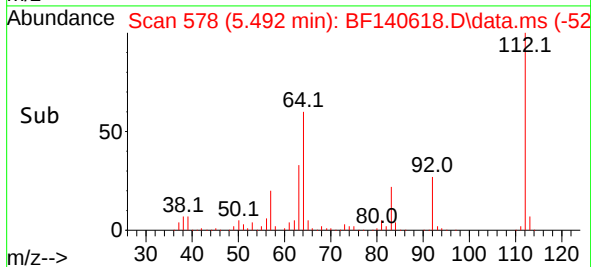
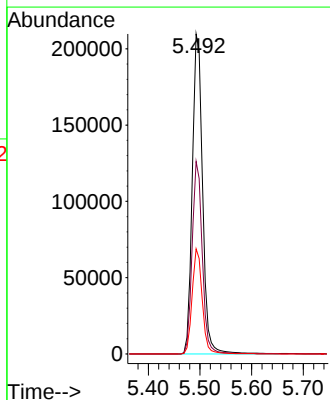
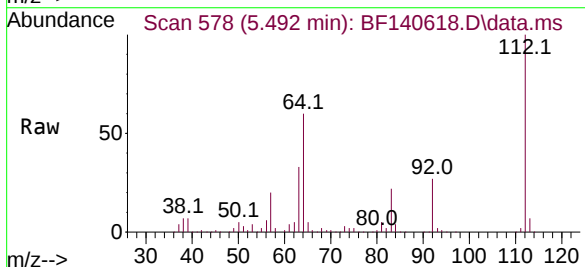
Instrument :
BNA_F
ClientSampleId :
SW1

Tgt Ion:152 Resp: 55736
Ion Ratio Lower Upper
152 100
150 152.9 128.5 192.7
115 60.7 50.2 75.4



#5
2-Fluorophenol
Concen: 88.960 ng
RT: 5.492 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF140618.D
Acq: 25 Nov 2024 22:03

Tgt Ion:112 Resp: 290601
Ion Ratio Lower Upper
112 100
64 60.2 49.2 73.8
63 32.9 27.0 40.4

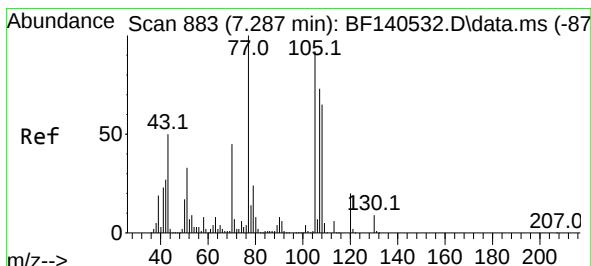
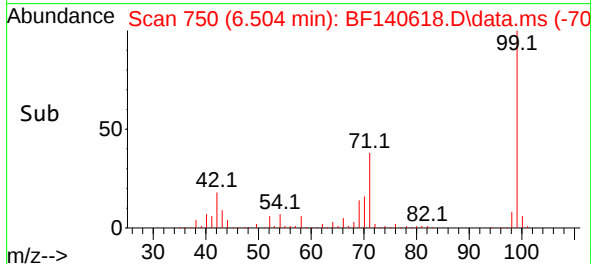
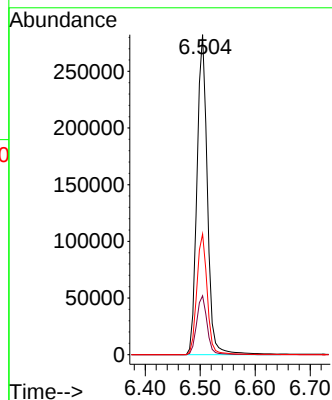
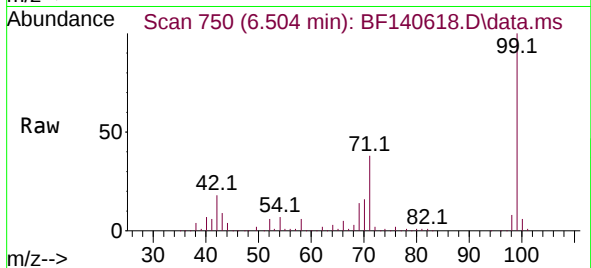




#7
Phenol-d6
Concen: 86.045 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140618.D
Acq: 25 Nov 2024 22:03

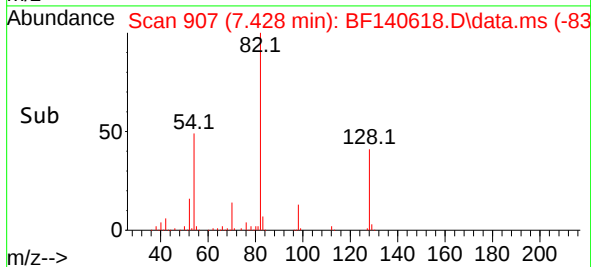
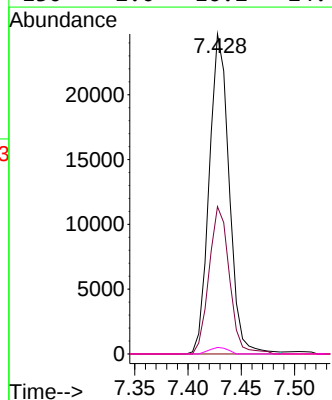
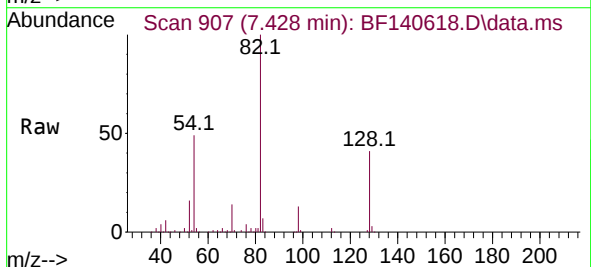
Instrument :
BNA_F
ClientSampleId :
SW1

Tgt Ion: 99 Resp: 371592
Ion Ratio Lower Upper
99 100
42 18.4 15.4 23.0
71 37.7 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 12.604 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF140618.D
Acq: 25 Nov 2024 22:03

Tgt Ion: 70 Resp: 32168
Ion Ratio Lower Upper
70 100
42 46.1 47.6 71.4#
101 0.0 7.6 11.4#
130 2.0 16.2 24.4#

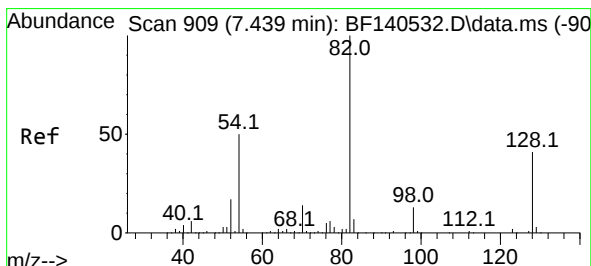
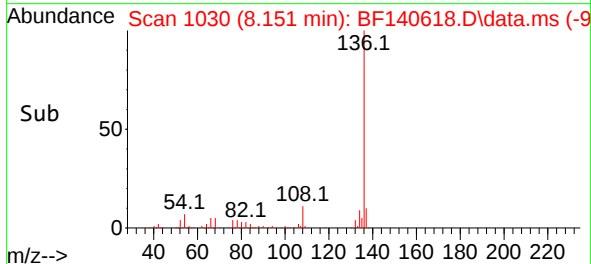
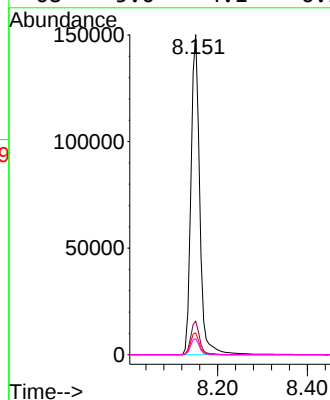
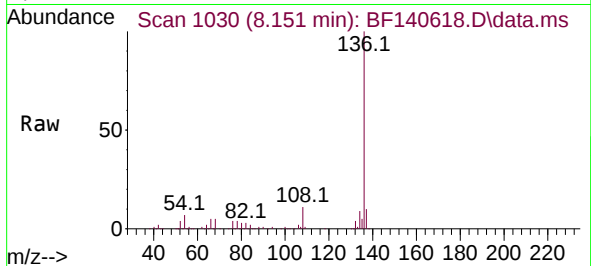




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140618.D
Acq: 25 Nov 2024 22:03

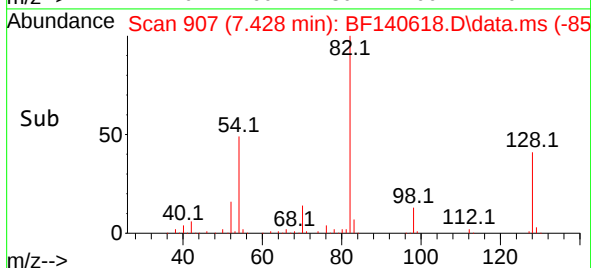
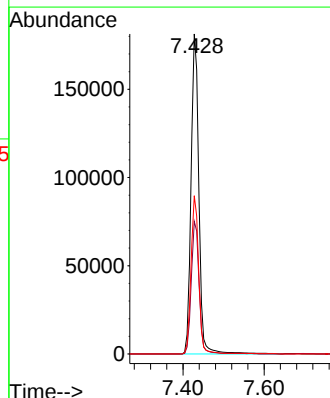
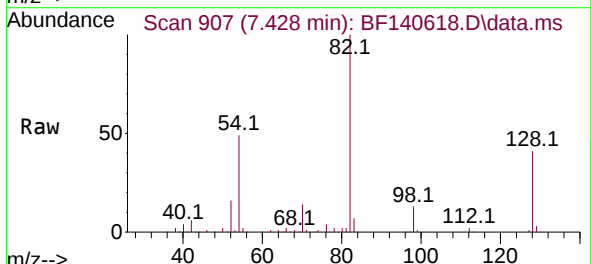
Instrument :
BNA_F
ClientSampleId :
SW1

Tgt Ion	136	Resp: Lower	203345 Upper
136	100		
137	10.5	8.6	13.0
54	6.8	5.8	8.8
68	5.0	4.1	6.1



#23
Nitrobenzene-d5
Concen: 60.651 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF140618.D
Acq: 25 Nov 2024 22:03

Tgt Ion: 82	Resp: 241115
Ion Ratio	Lower Upper
82 100	
128 41.4	33.0 49.4
54 49.4	39.5 59.3

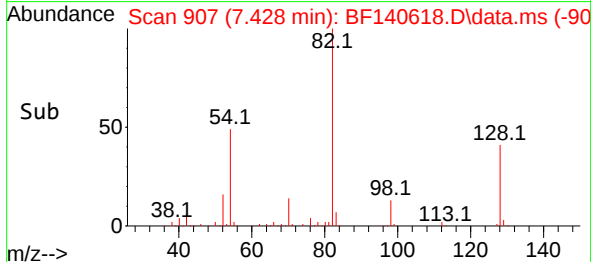
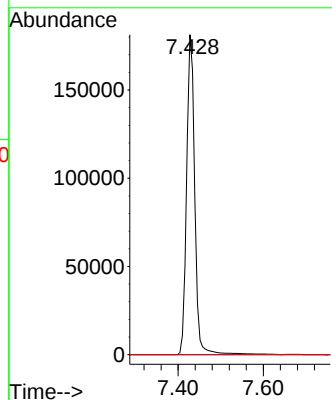
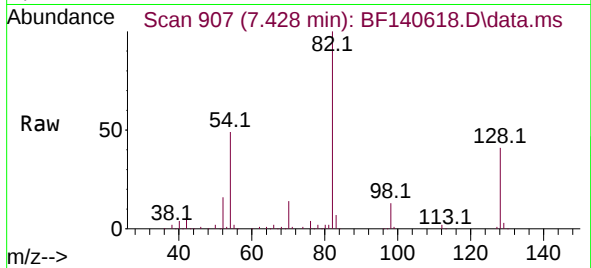




#25
Isophorone
Concen: 36.304 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF140618.D
Acq: 25 Nov 2024 22:03

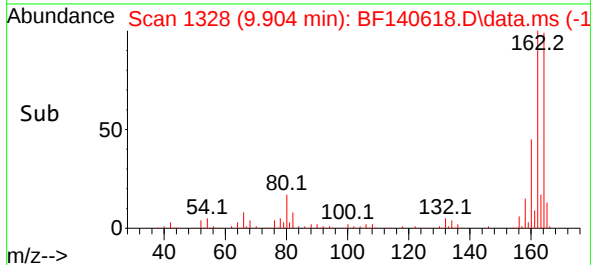
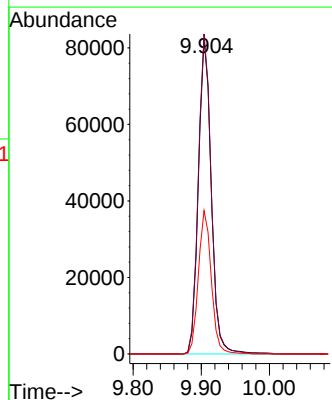
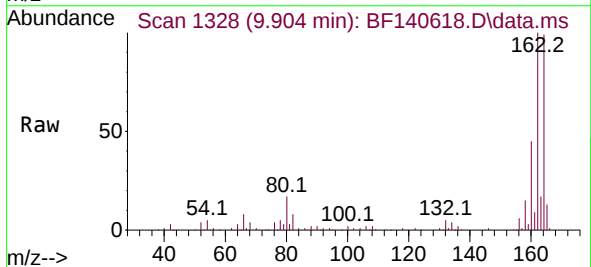
Instrument :
BNA_F
ClientSampleId :
SW1

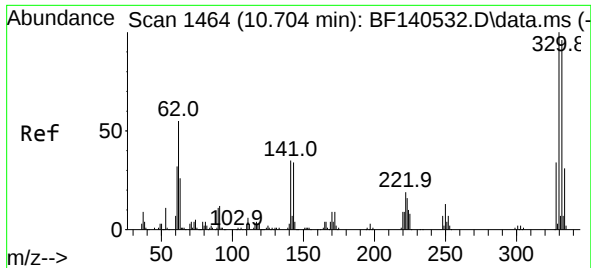
Tgt Ion: 82 Resp: 240721
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140618.D
Acq: 25 Nov 2024 22:03

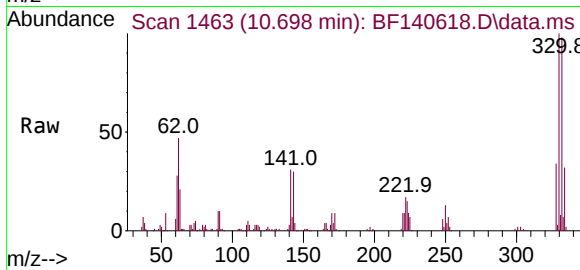
Tgt Ion: 164 Resp: 108187
Ion Ratio Lower Upper
164 100
162 101.5 80.6 120.8
160 45.4 36.2 54.4



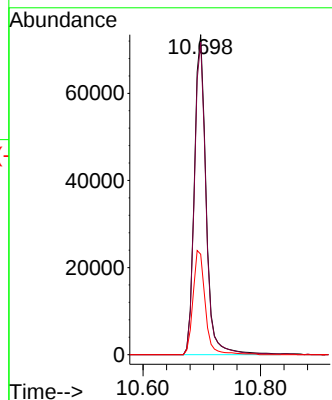
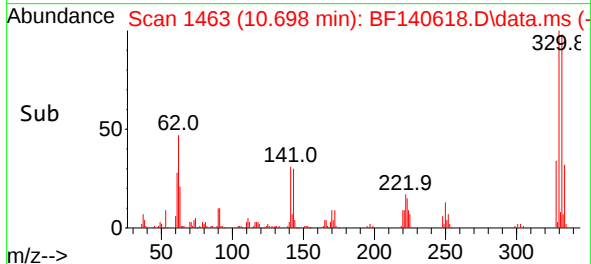


#42
2,4,6-Tribromophenol
Concen: 88.241 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140618.D
Acq: 25 Nov 2024 22:03

Instrument :
BNA_F
ClientSampleId :
SW1

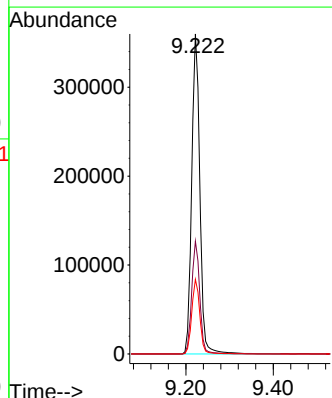
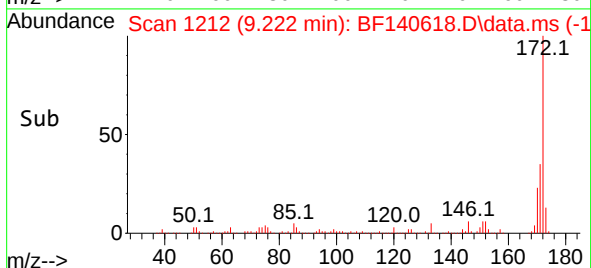
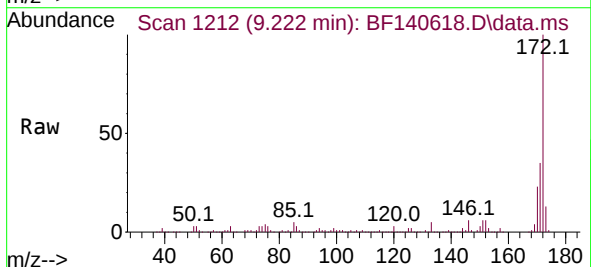


Tgt Ion:330 Resp: 102101
Ion Ratio Lower Upper
330 100
332 96.9 76.9 115.3
141 33.8 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 64.177 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF140618.D
Acq: 25 Nov 2024 22:03

Tgt Ion:172 Resp: 465997
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.3 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.356 ng

RT: 9.904 min Scan# 1

Delta R.T. 0.206 min

Lab File: BF140618.D

Acq: 25 Nov 2024 22:03

Instrument :

BNA_F

ClientSampleId :

SW1

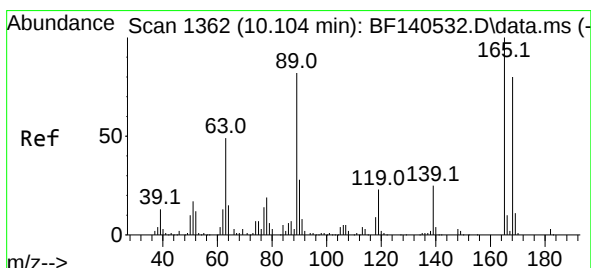
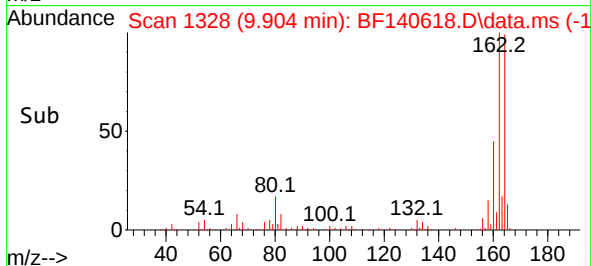
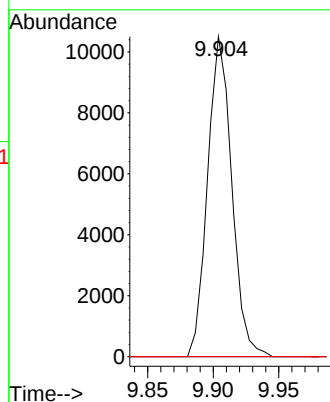
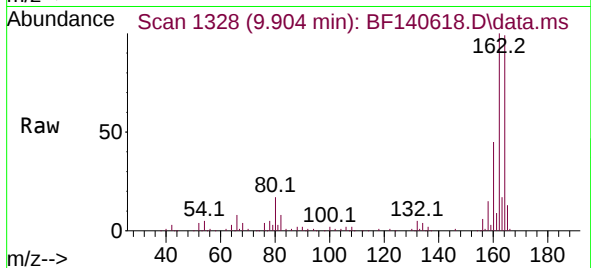
Tgt Ion:165 Resp: 13503

Ion Ratio Lower Upper

165 100

63 0.0 49.9 74.9#

89 0.0 50.9 76.3#



#57

2,4-Dinitrotoluene

Concen: 6.287 ng

RT: 9.904 min Scan# 1328

Delta R.T. -0.200 min

Lab File: BF140618.D

Acq: 25 Nov 2024 22:03

Tgt Ion:165 Resp: 13503

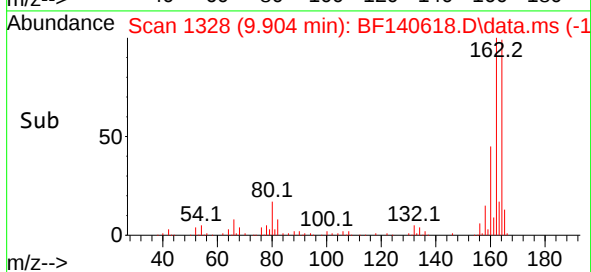
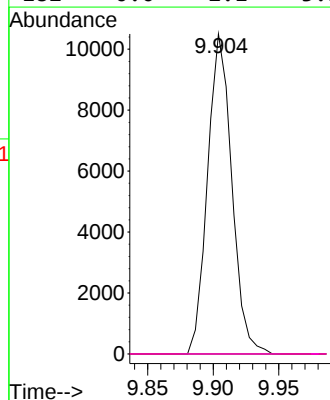
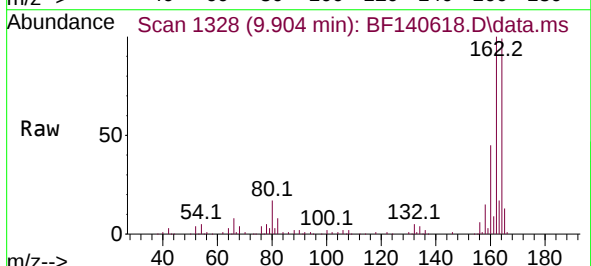
Ion Ratio Lower Upper

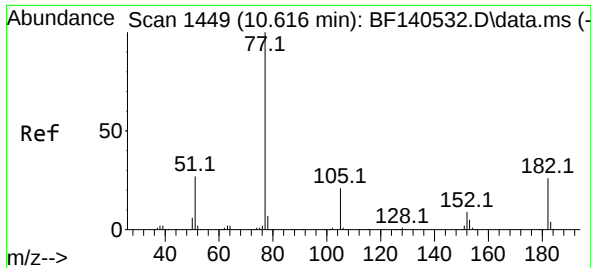
165 100

63 0.0 41.7 62.5#

89 0.0 65.8 98.8#

182 0.0 2.1 3.1#

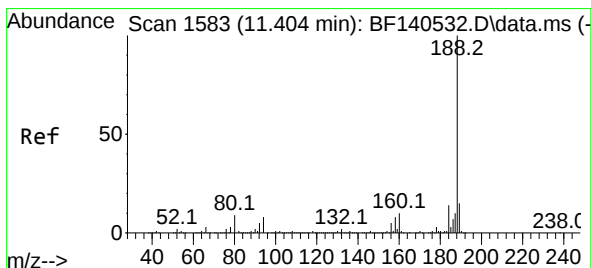
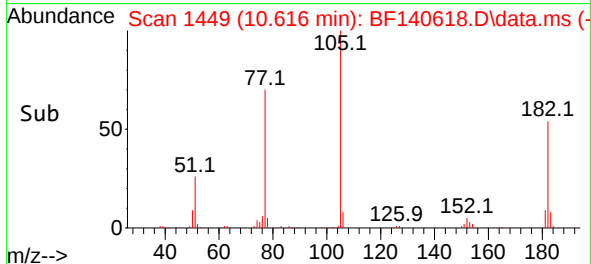
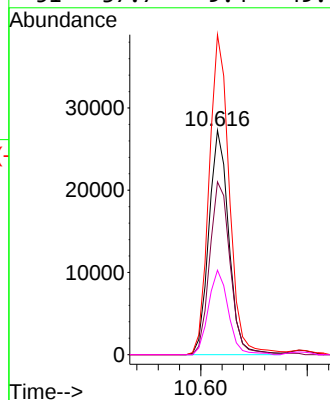
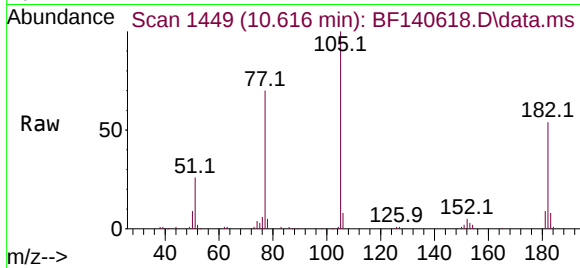




#63
Azobenzene
Concen: 5.165 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF140618.D
Acq: 25 Nov 2024 22:03

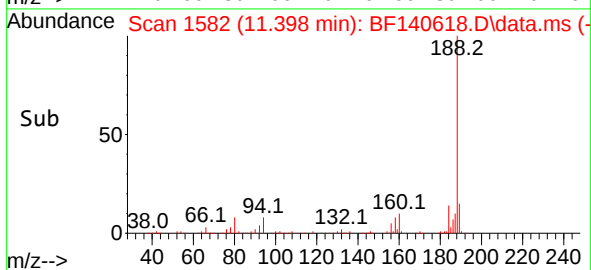
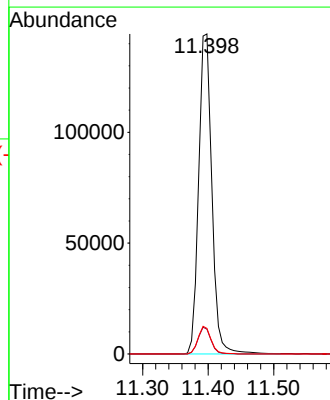
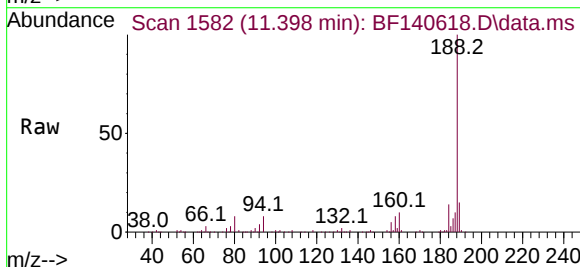
Instrument :
BNA_F
ClientSampleId :
SW1

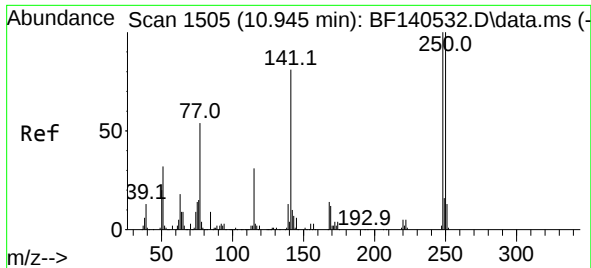
Tgt Ion: 77 Resp: 35411
Ion Ratio Lower Upper
77 100
182 77.1 5.3 45.3#
105 142.7 0.3 40.3#
51 37.7 9.4 49.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140618.D
Acq: 25 Nov 2024 22:03

Tgt Ion:188 Resp: 202905
Ion Ratio Lower Upper
188 100
94 7.8 6.4 9.6
80 8.0 6.9 10.3

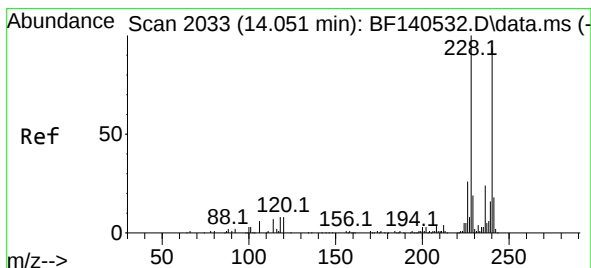
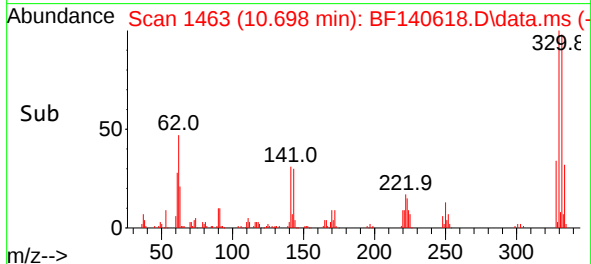
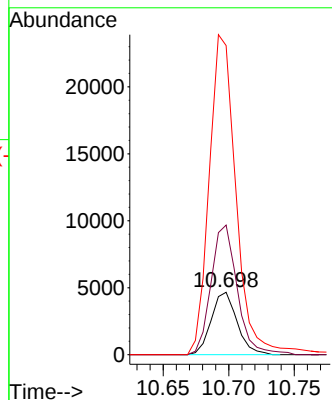
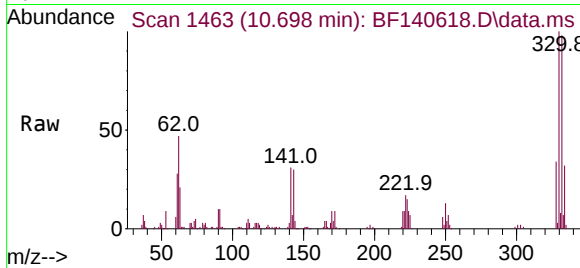




#67
4-Bromophenyl-phenylether
Concen: 3.058 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140618.D
Acq: 25 Nov 2024 22:03

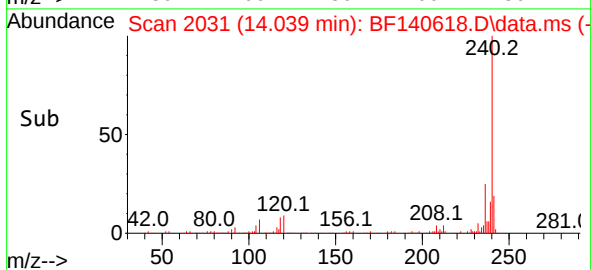
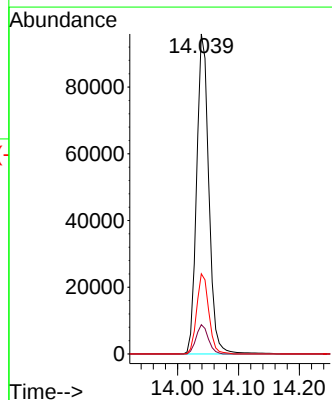
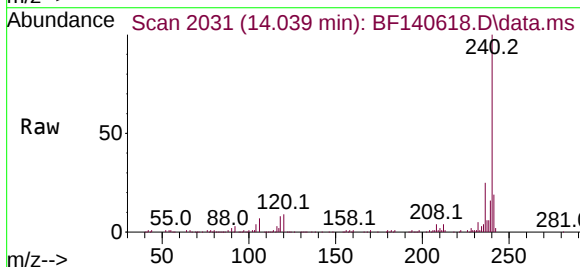
Instrument :
BNA_F
ClientSampleId :
SW1

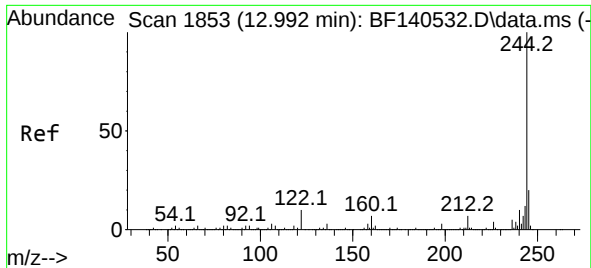
Tgt Ion:248 Resp: 6390
Ion Ratio Lower Upper
248 100
250 207.5 79.8 119.8#
141 494.7 64.7 97.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF140618.D
Acq: 25 Nov 2024 22:03

Tgt Ion:240 Resp: 132880
Ion Ratio Lower Upper
240 100
120 9.1 7.3 10.9
236 25.0 20.6 31.0

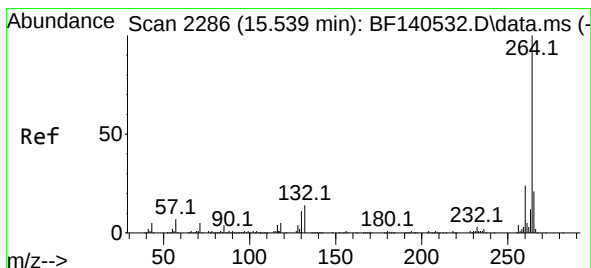
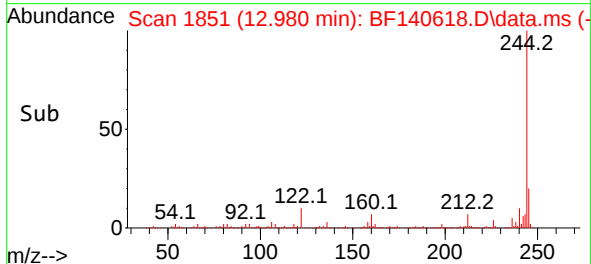
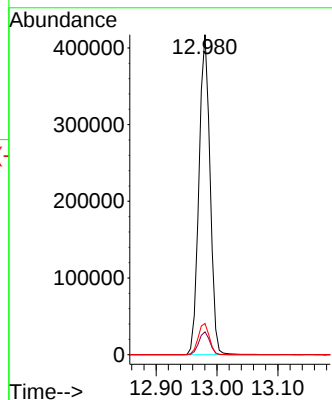
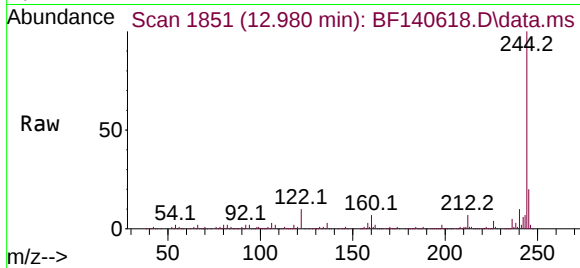




#79
Terphenyl-d14
Concen: 61.623 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF140618.D
Acq: 25 Nov 2024 22:03

Instrument :
BNA_F
ClientSampleId :
SW1

Tgt Ion:244 Resp: 525872
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: 15.533 min Scan# 2285
Delta R.T. -0.006 min
Lab File: BF140618.D
Acq: 25 Nov 2024 22:03

Tgt Ion:264 Resp: 124914
Ion Ratio Lower Upper
264 100
260 23.0 19.0 28.6
265 20.9 16.6 25.0

