

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
 Data File : BF140619.D
 Acq On : 25 Nov 2024 22:29
 Operator : RC/JU
 Sample : P4860-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PH2-BOT-005

Quant Time: Nov 26 00:11:20 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)

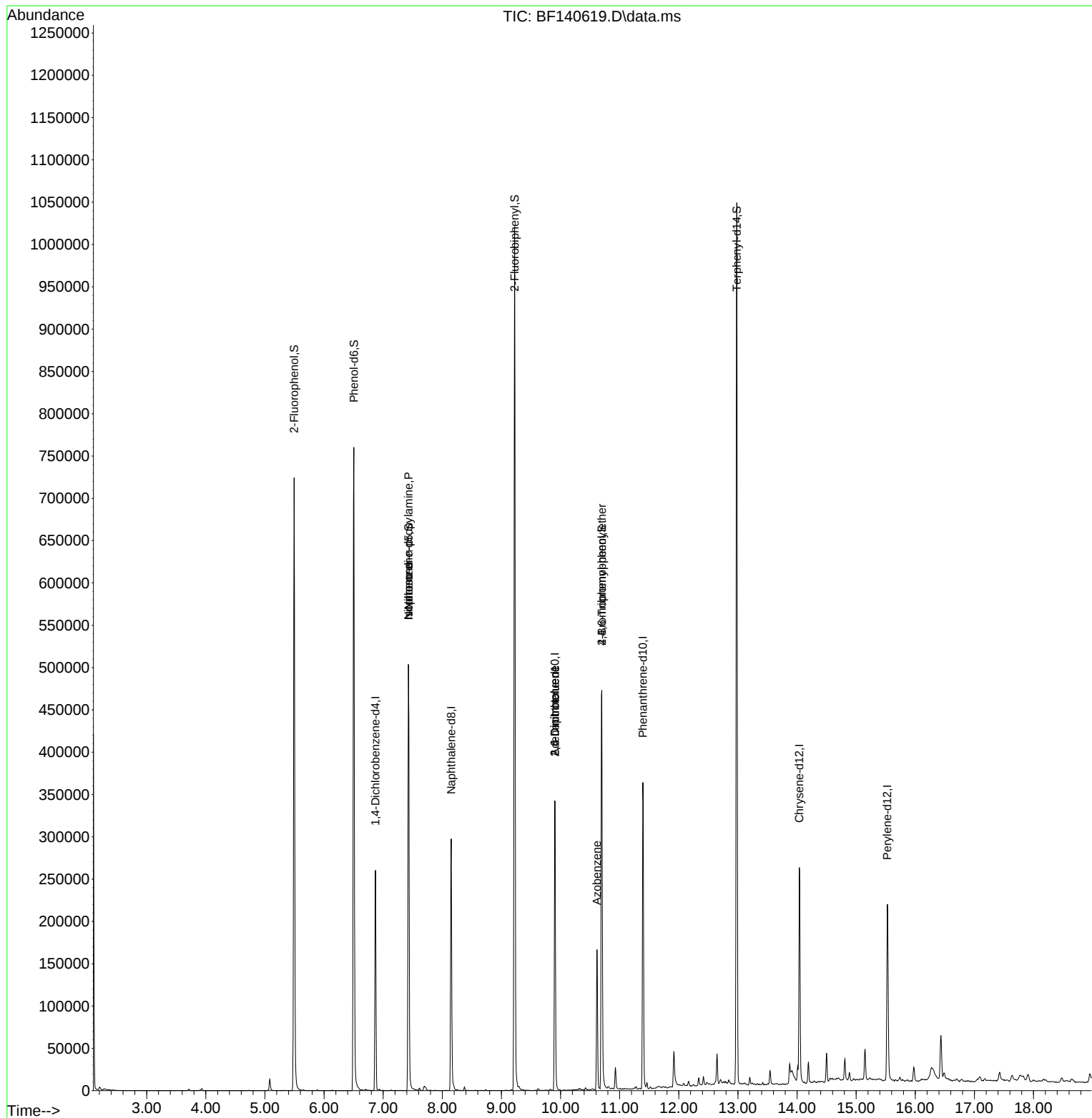
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	54720	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	199653	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	106170	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	203356	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	127557	20.000	ng	-0.01
86) Perylene-d12	15.527	264	125043	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	272734	85.040	ng	0.00
7) Phenol-d6	6.504	99	361097	85.167	ng	-0.01
23) Nitrobenzene-d5	7.428	82	231358	59.273	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	86681	76.338	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	457810	64.247	ng	-0.01
79) Terphenyl-d14	12.980	244	512499	62.562	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	30763	12.277	ng	# 78
25) Isophorone	7.428	82	226259	34.754	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	13330	8.406	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	13330	6.325	ng	# 17
63) Azobenzene	10.616	77	45784	6.805	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	5783	2.761	ng	# 1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
Data File : BF140619.D
Acq On : 25 Nov 2024 22:29
Operator : RC/JU
Sample : P4860-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PH2-BOT-005

Quant Time: Nov 26 00:11:20 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

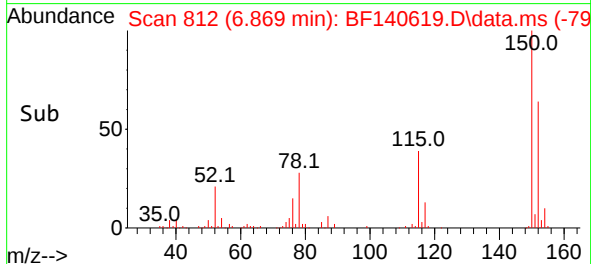
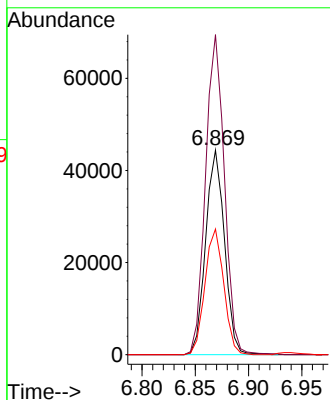
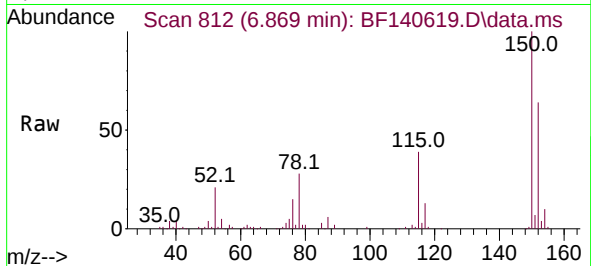




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140619.D
Acq: 25 Nov 2024 22:29

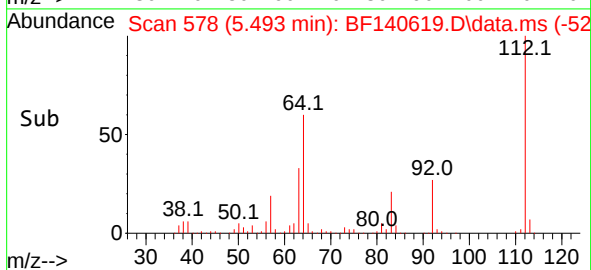
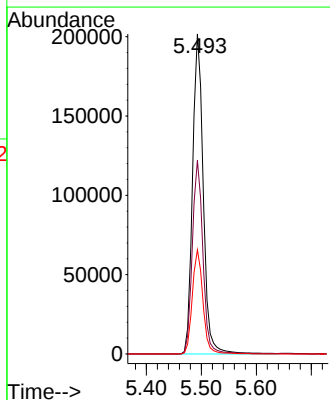
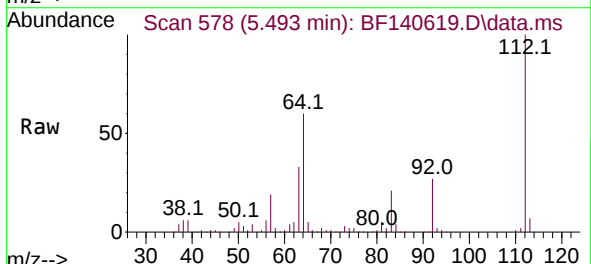
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-005

Tgt Ion:152 Resp: 54720
Ion Ratio Lower Upper
152 100
150 156.5 128.5 192.7
115 61.5 50.2 75.4



#5
2-Fluorophenol
Concen: 85.040 ng
RT: 5.493 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF140619.D
Acq: 25 Nov 2024 22:29

Tgt Ion:112 Resp: 272734
Ion Ratio Lower Upper
112 100
64 60.5 49.2 73.8
63 32.6 27.0 40.4

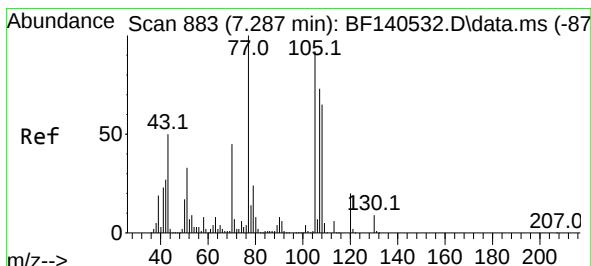
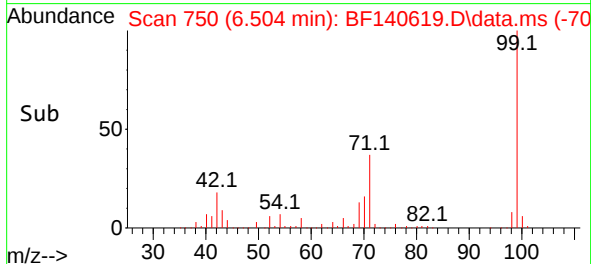
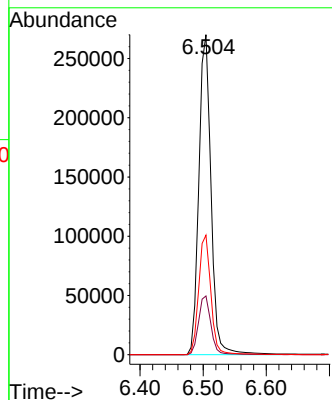
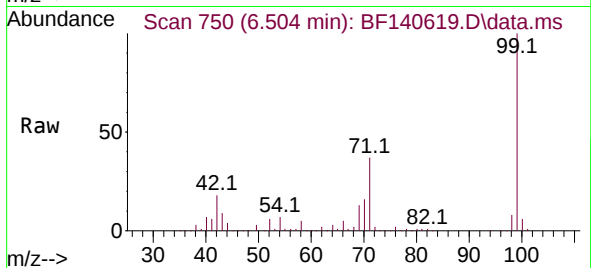




#7
Phenol-d6
Concen: 85.167 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140619.D
Acq: 25 Nov 2024 22:29

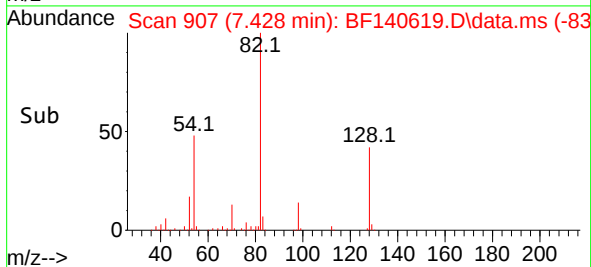
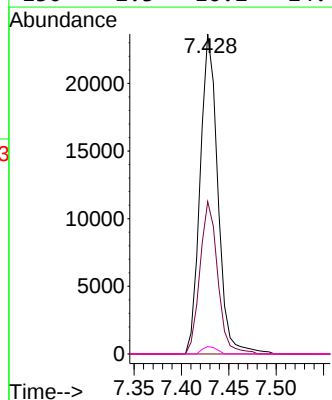
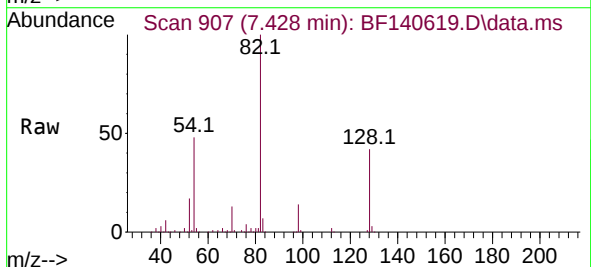
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-005

Tgt Ion: 99 Resp: 361097
Ion Ratio Lower Upper
99 100
42 18.3 15.4 23.0
71 37.3 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 12.277 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF140619.D
Acq: 25 Nov 2024 22:29

Tgt Ion: 70 Resp: 30763
Ion Ratio Lower Upper
70 100
42 47.6 47.6 71.4
101 0.0 7.6 11.4#
130 2.3 16.2 24.4#

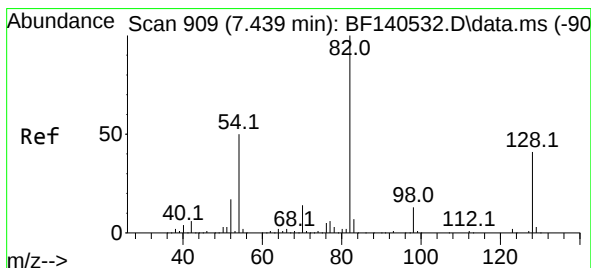
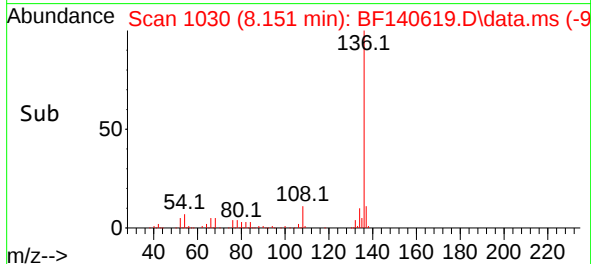
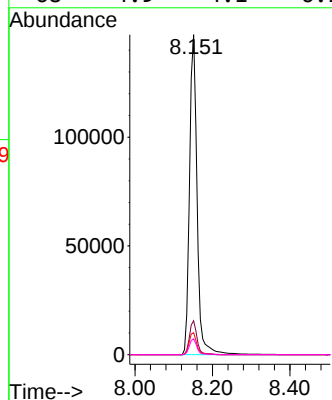
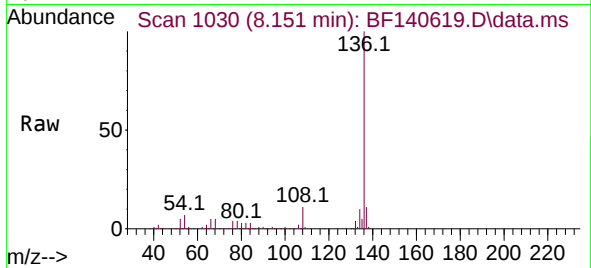




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140619.D
Acq: 25 Nov 2024 22:29

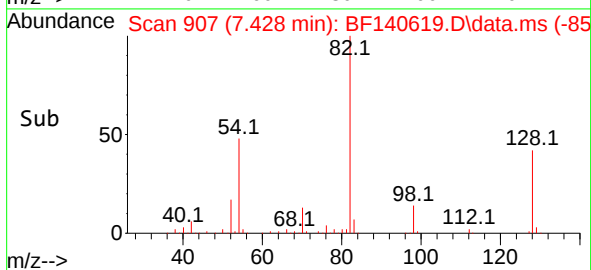
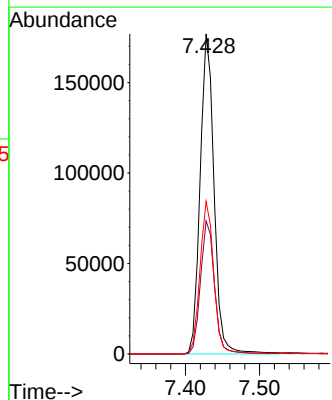
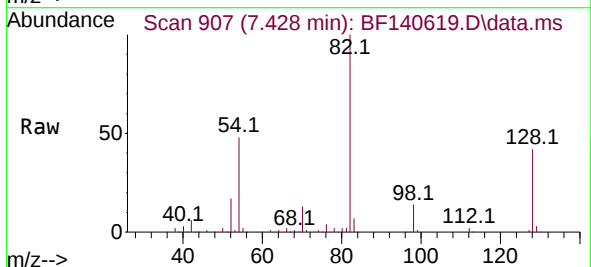
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-005

Tgt Ion:136 Resp: 199653
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 6.8 5.8 8.8
68 4.9 4.1 6.1



#23
Nitrobenzene-d5
Concen: 59.273 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF140619.D
Acq: 25 Nov 2024 22:29

Tgt Ion: 82 Resp: 231358
Ion Ratio Lower Upper
82 100
128 41.5 33.0 49.4
54 47.6 39.5 59.3

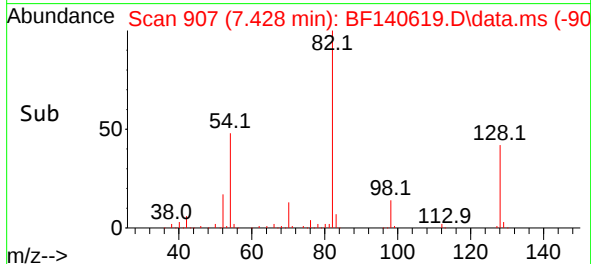
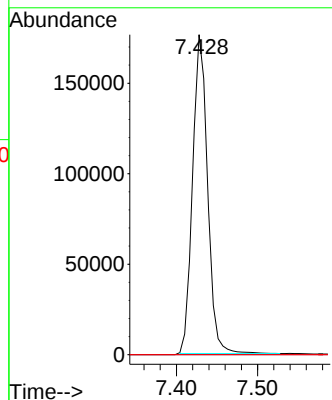
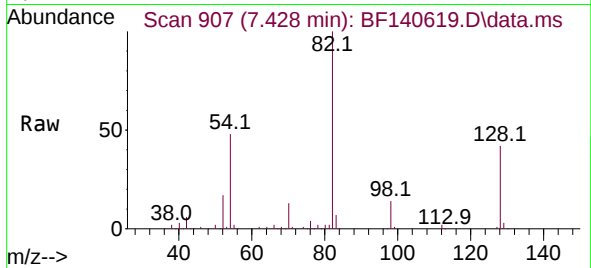




#25
Isophorone
Concen: 34.754 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF140619.D
Acq: 25 Nov 2024 22:29

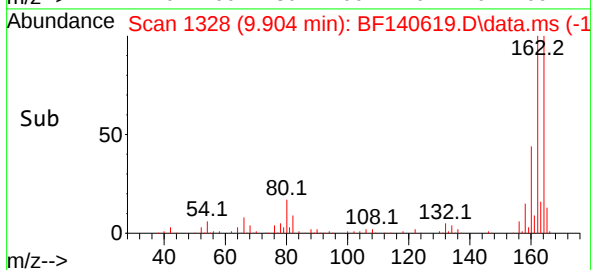
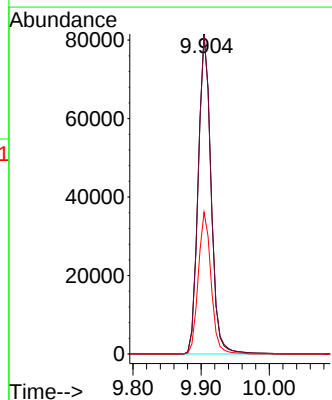
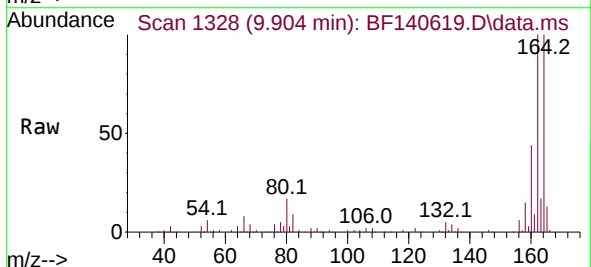
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-005

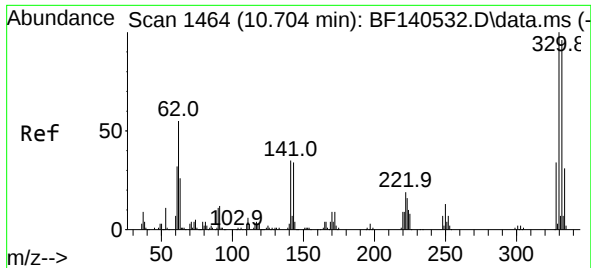
Tgt Ion: 82 Resp: 226259
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140619.D
Acq: 25 Nov 2024 22:29

Tgt Ion: 164 Resp: 106170
Ion Ratio Lower Upper
164 100
162 99.8 80.6 120.8
160 44.3 36.2 54.4

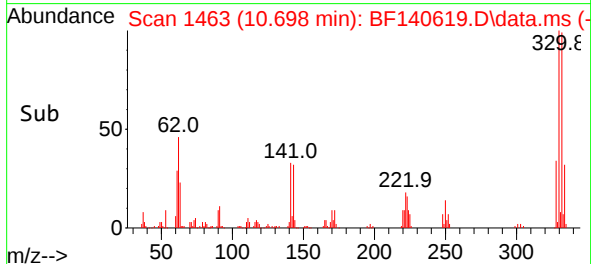
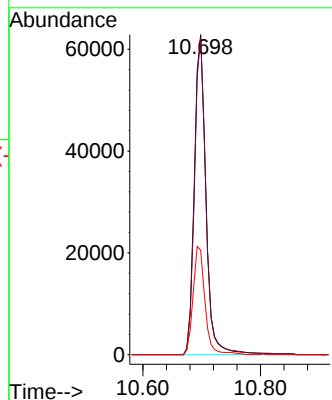
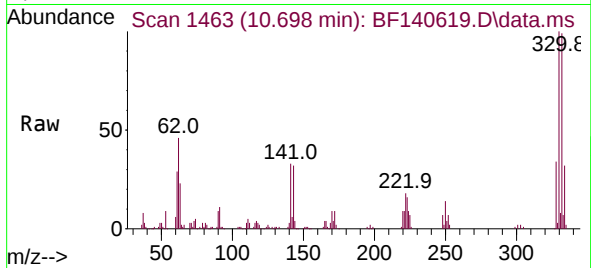




#42
2,4,6-Tribromophenol
Concen: 76.338 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140619.D
Acq: 25 Nov 2024 22:29

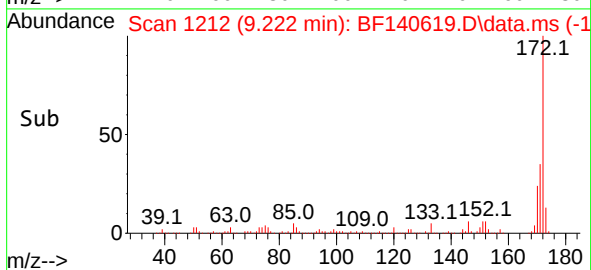
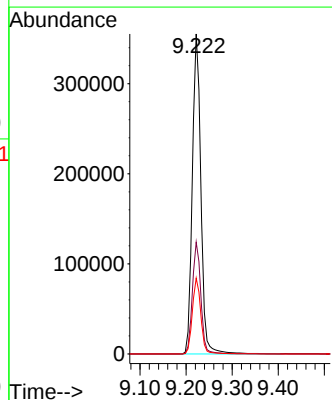
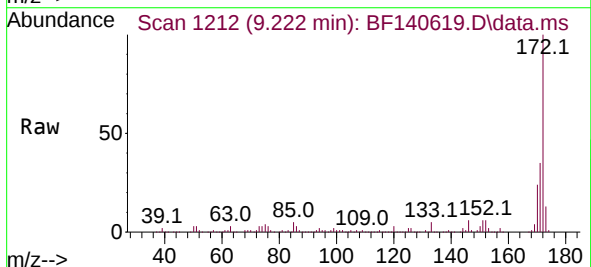
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-005

Tgt Ion:330 Resp: 86681
Ion Ratio Lower Upper
330 100
332 98.4 76.9 115.3
141 34.6 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 64.247 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF140619.D
Acq: 25 Nov 2024 22:29

Tgt Ion:172 Resp: 457810
Ion Ratio Lower Upper
172 100
171 35.0 28.4 42.6
170 23.7 19.0 28.6

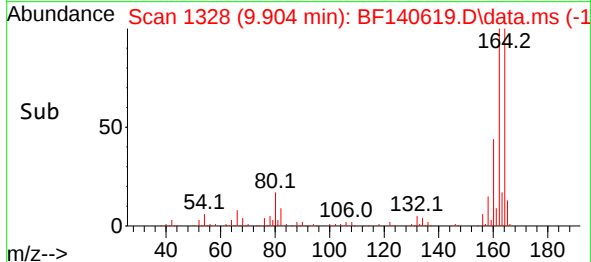
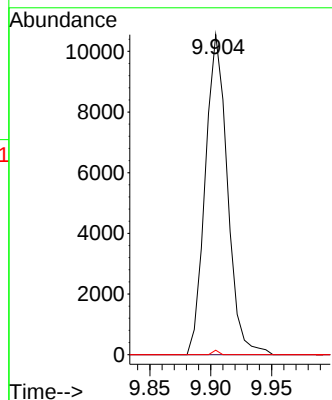
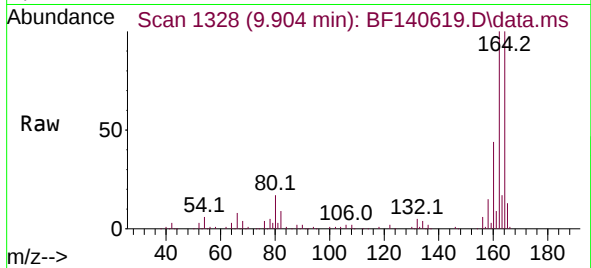




#51
2,6-Dinitrotoluene
Concen: 8.406 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140619.D
Acq: 25 Nov 2024 22:29

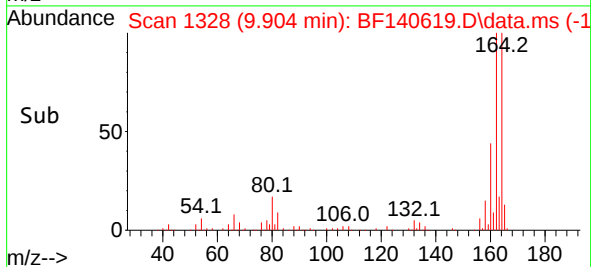
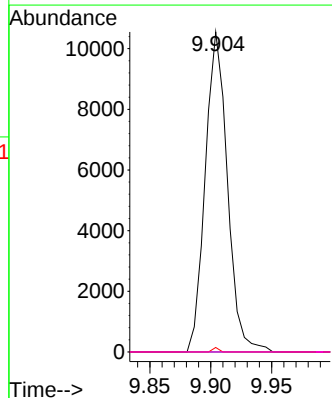
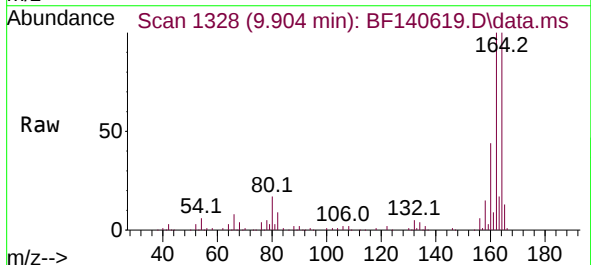
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-005

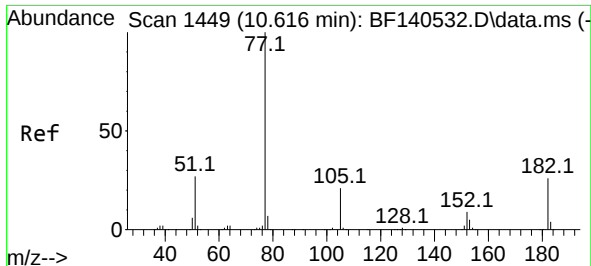
Tgt Ion:165 Resp: 13330
Ion Ratio Lower Upper
165 100
63 0.0 49.9 74.9#
89 1.4 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 6.325 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF140619.D
Acq: 25 Nov 2024 22:29

Tgt Ion:165 Resp: 13330
Ion Ratio Lower Upper
165 100
63 0.0 41.7 62.5#
89 1.4 65.8 98.8#
182 0.0 2.1 3.1#

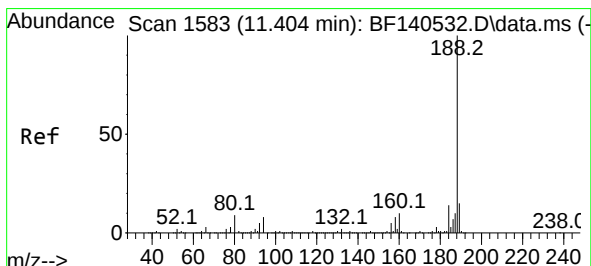
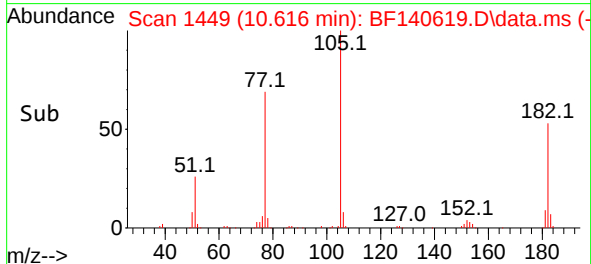
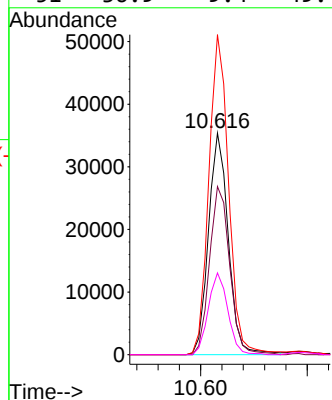
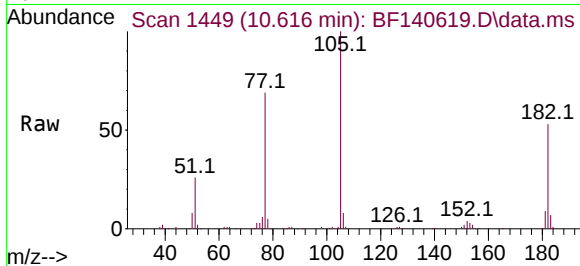




#63
 Azobenzene
 Concen: 6.805 ng
 RT: 10.616 min Scan# 1449
 Delta R.T. 0.000 min
 Lab File: BF140619.D
 Acq: 25 Nov 2024 22:29

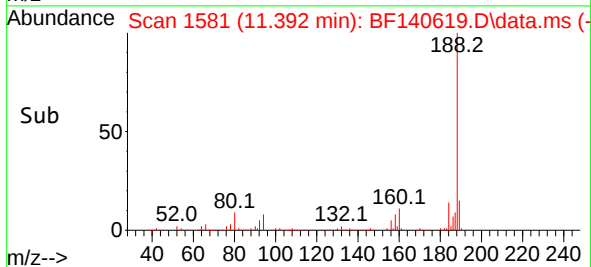
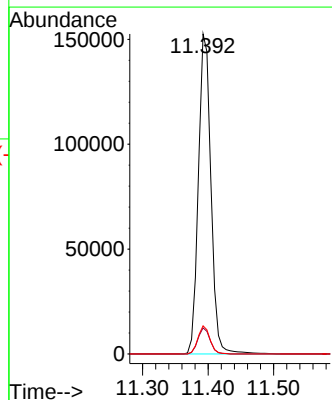
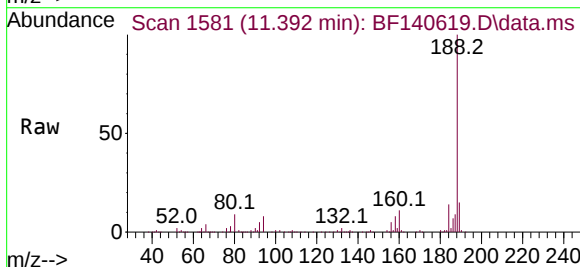
Instrument :
 BNA_F
 ClientSampleId :
 PH2-BOT-005

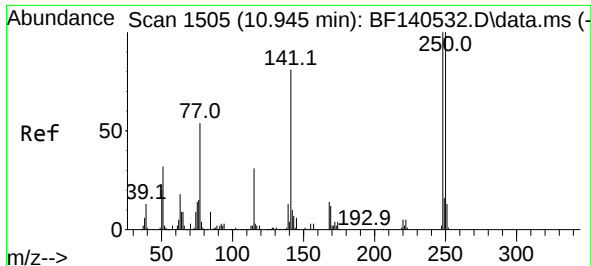
Tgt Ion: 77	Resp: 45784
Ion Ratio	Lower Upper
77 100	
182 75.8	5.3 45.3#
105 144.4	0.3 40.3#
51 36.9	9.4 49.4



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.392 min Scan# 1581
 Delta R.T. -0.012 min
 Lab File: BF140619.D
 Acq: 25 Nov 2024 22:29

Tgt Ion: 188	Resp: 203356
Ion Ratio	Lower Upper
188 100	
94 8.2	6.4 9.6
80 8.8	6.9 10.3

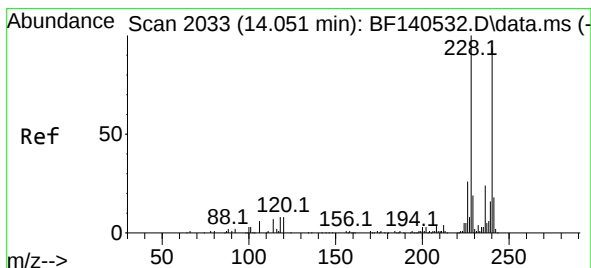
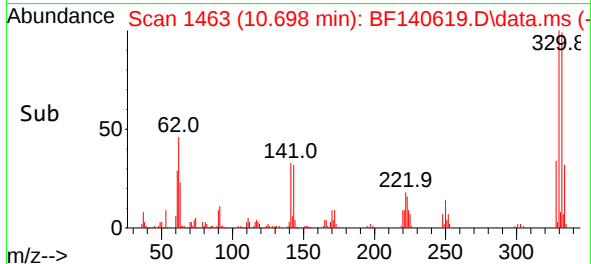
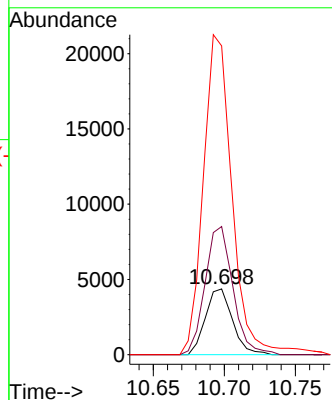
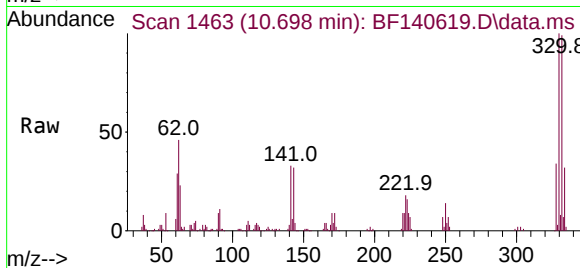




#67
4-Bromophenyl-phenylether
Concen: 2.761 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140619.D
Acq: 25 Nov 2024 22:29

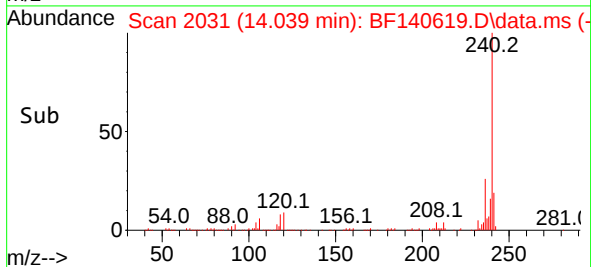
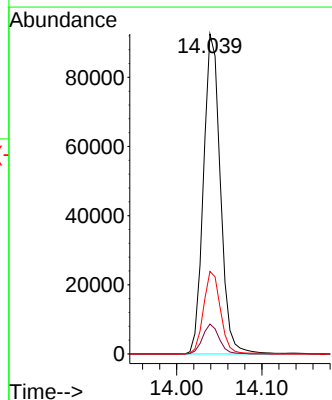
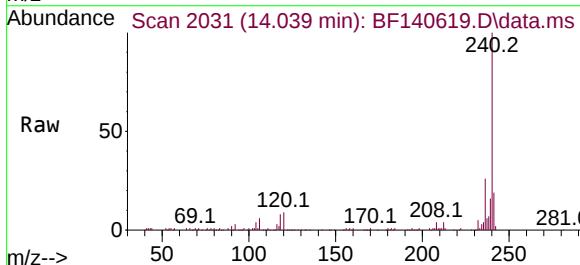
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-005

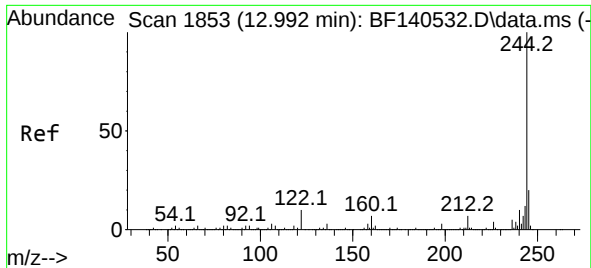
Tgt Ion:248 Resp: 5783
Ion Ratio Lower Upper
248 100
250 194.9 79.8 119.8#
141 469.6 64.7 97.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF140619.D
Acq: 25 Nov 2024 22:29

Tgt Ion:240 Resp: 127557
Ion Ratio Lower Upper
240 100
120 9.4 7.3 10.9
236 25.8 20.6 31.0

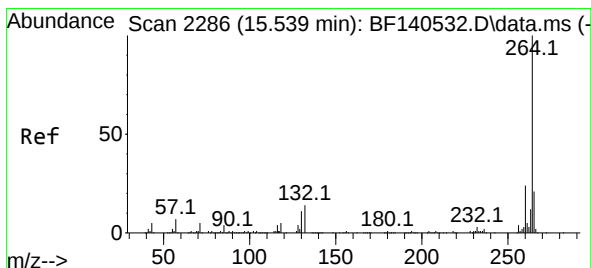
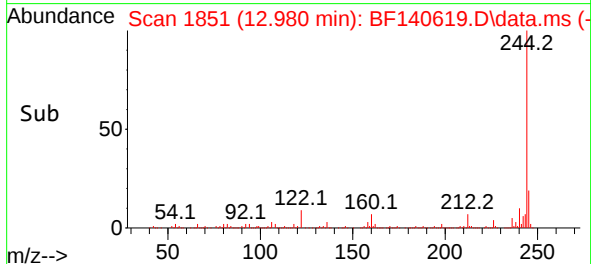
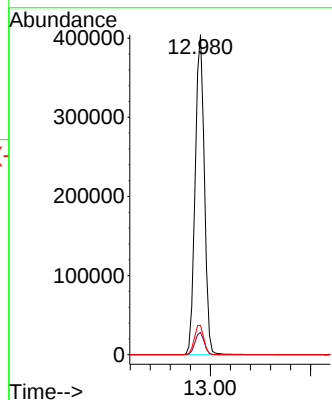
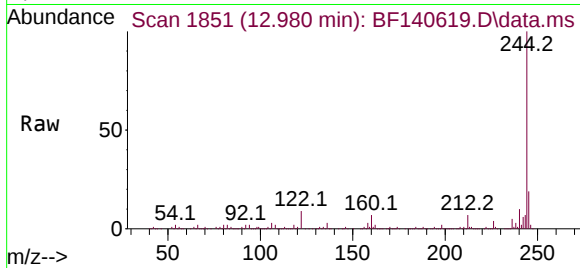




#79
Terphenyl-d14
Concen: 62.562 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF140619.D
Acq: 25 Nov 2024 22:29

Instrument :
BNA_F
ClientSampleId :
PH2-BOT-005

Tgt Ion:244 Resp: 512499
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.8
122 9.1 8.0 12.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2284
Delta R.T. -0.012 min
Lab File: BF140619.D
Acq: 25 Nov 2024 22:29

Tgt Ion:264 Resp: 125043
Ion Ratio Lower Upper
264 100
260 24.3 19.0 28.6
265 21.4 16.6 25.0

