

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
 Data File : BF140608.D
 Acq On : 25 Nov 2024 17:41
 Operator : RC/JU
 Sample : P4860-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PH2-BOT-006

Quant Time: Nov 26 00:08:15 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)

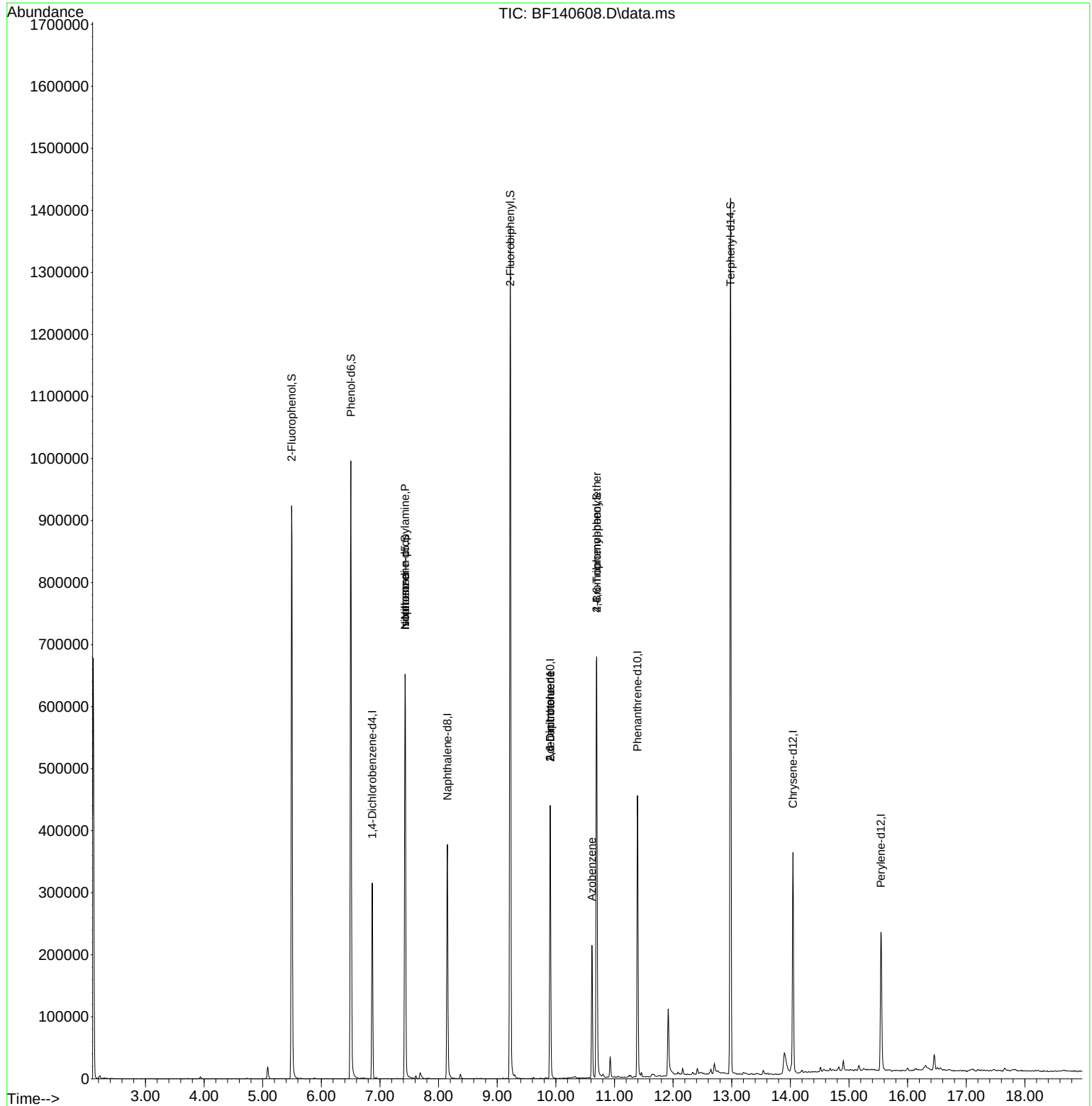
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	65730	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	249226	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	135754	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	253640	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	176049	20.000	ng	0.00
86) Perylene-d12	15.545	264	146465	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	350615	91.012	ng	0.00
7) Phenol-d6	6.504	99	460783	90.475	ng	-0.01
23) Nitrobenzene-d5	7.428	82	307735	63.158	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	124598	85.817	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	607797	66.708	ng	-0.01
79) Terphenyl-d14	12.980	244	684477	60.541	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	40778	13.548	ng	# 77
25) Isophorone	7.428	82	304637	37.485	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	17221	8.493	ng	# 21
57) 2,4-Dinitrotoluene	9.904	165	17221	6.390	ng	# 18
63) Azobenzene	10.616	77	57565	6.692	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	7692	2.945	ng	# 1

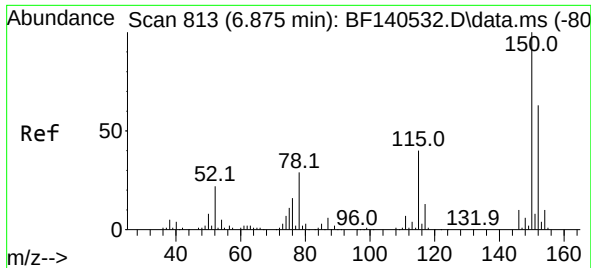
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 26 00:08:15 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

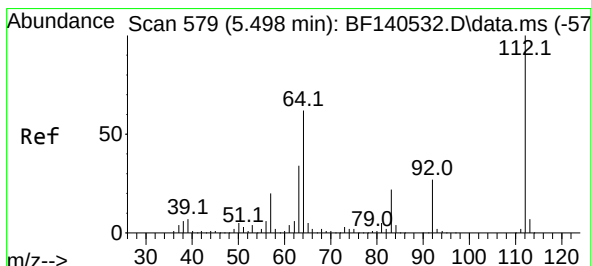
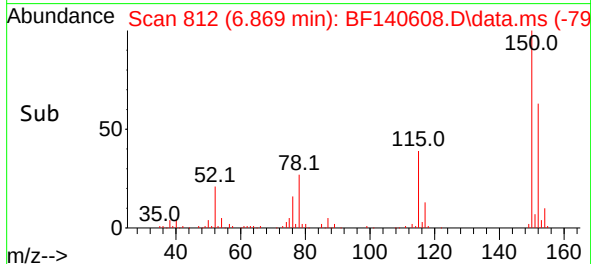
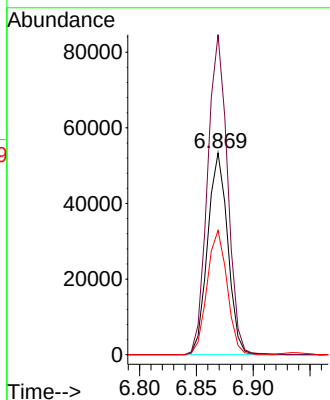
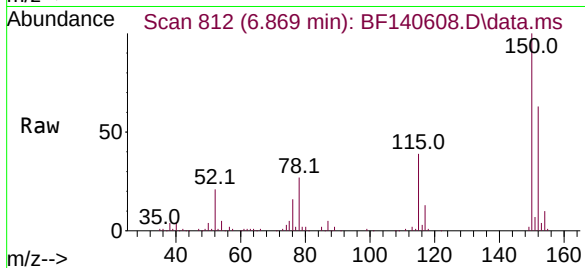




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140608.D
Acq: 25 Nov 2024 17:41

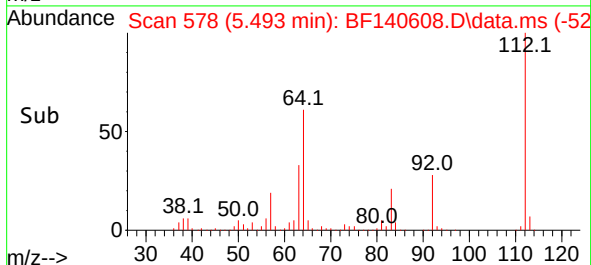
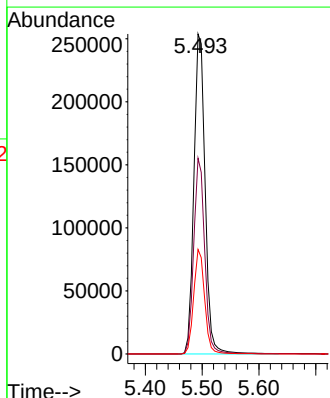
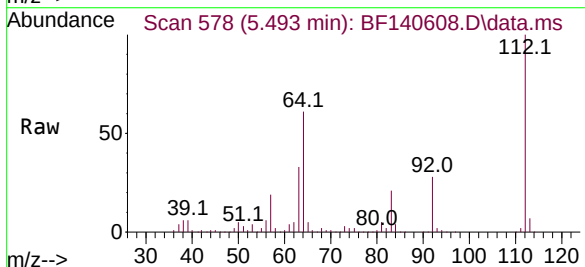
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006

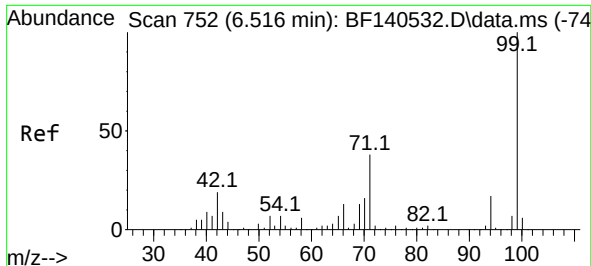
Tgt Ion:152 Resp: 65730
Ion Ratio Lower Upper
152 100
150 158.6 128.5 192.7
115 61.6 50.2 75.4



#5
2-Fluorophenol
Concen: 91.012 ng
RT: 5.493 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF140608.D
Acq: 25 Nov 2024 17:41

Tgt Ion:112 Resp: 350615
Ion Ratio Lower Upper
112 100
64 61.1 49.2 73.8
63 32.7 27.0 40.4

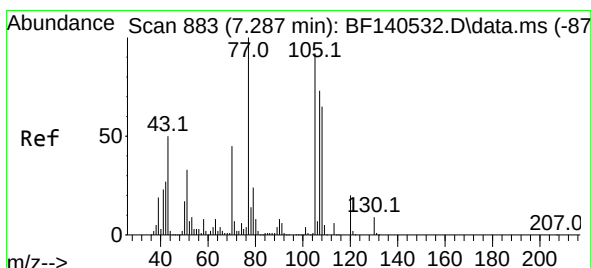
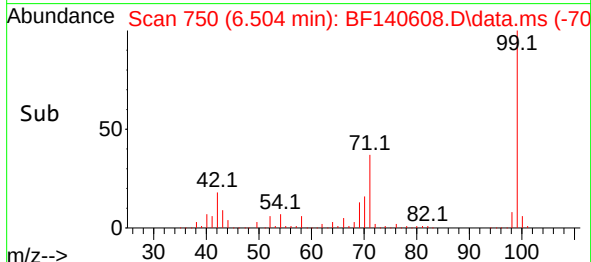
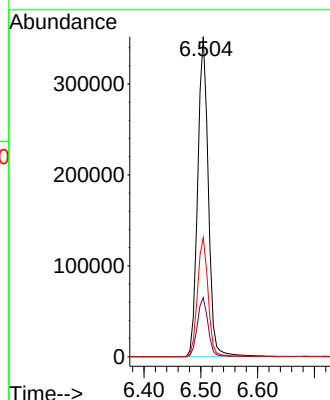
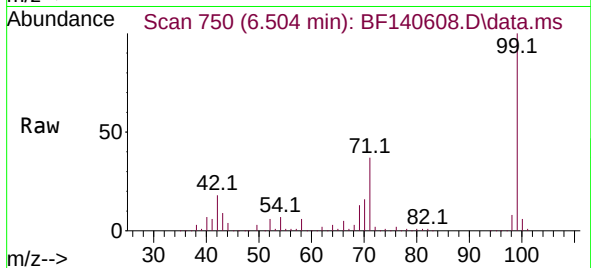




#7
Phenol-d6
Concen: 90.475 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140608.D
Acq: 25 Nov 2024 17:41

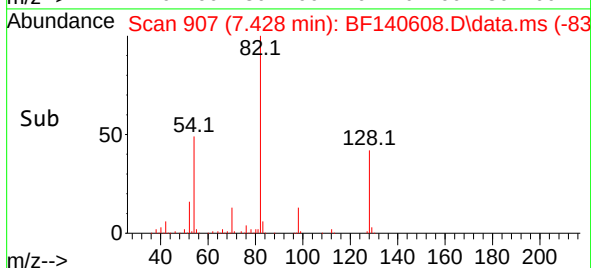
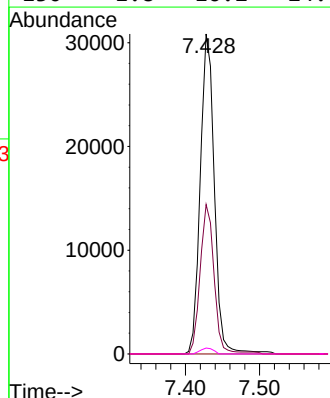
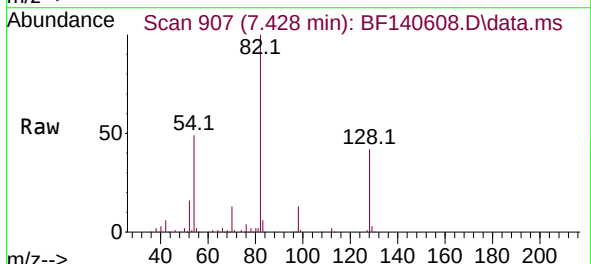
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006

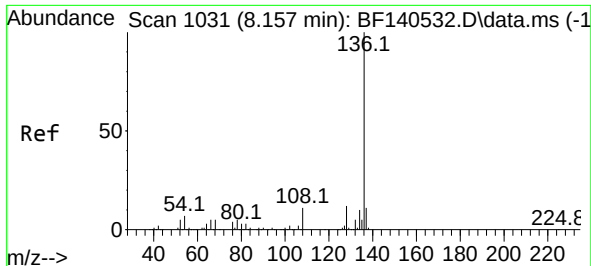
Tgt Ion: 99 Resp: 460783
Ion Ratio Lower Upper
99 100
42 18.5 15.4 23.0
71 37.2 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 13.548 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF140608.D
Acq: 25 Nov 2024 17:41

Tgt Ion: 70 Resp: 40778
Ion Ratio Lower Upper
70 100
42 46.7 47.6 71.4#
101 0.0 7.6 11.4#
130 1.8 16.2 24.4#



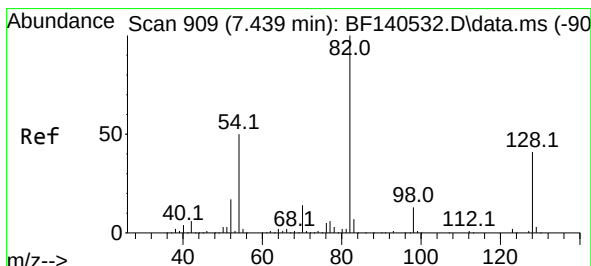
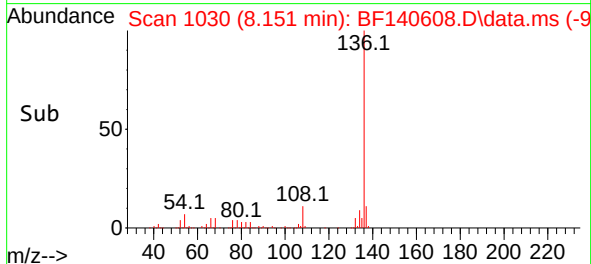
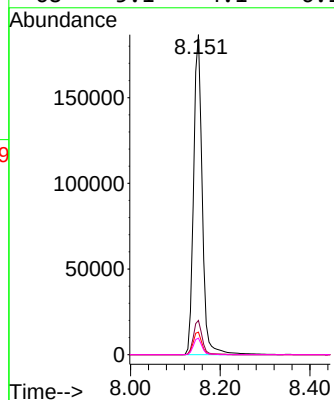
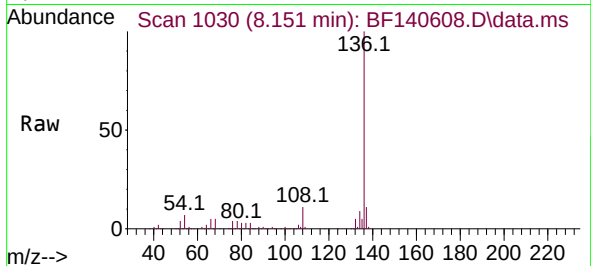


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140608.D
Acq: 25 Nov 2024 17:41

Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006

Tgt Ion:136 Resp: 249226

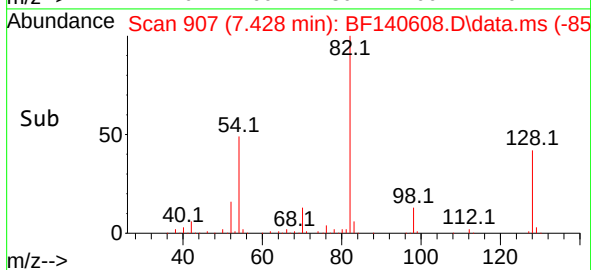
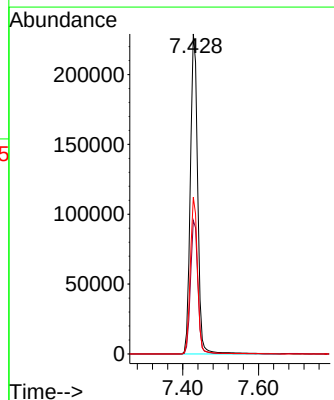
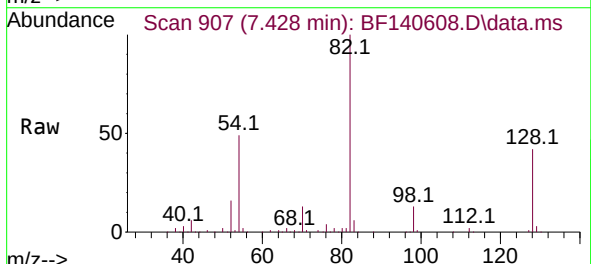
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	7.1	5.8	8.8
68	5.1	4.1	6.1

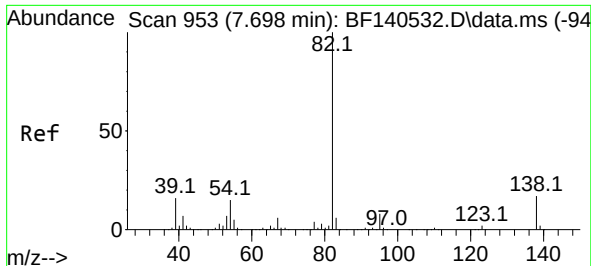


#23
Nitrobenzene-d5
Concen: 63.158 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF140608.D
Acq: 25 Nov 2024 17:41

Tgt Ion: 82 Resp: 307735

Ion	Ratio	Lower	Upper
82	100		
128	41.7	33.0	49.4
54	49.0	39.5	59.3

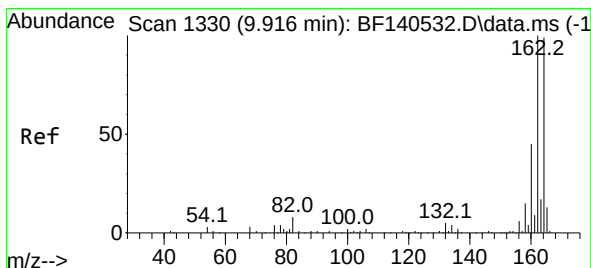
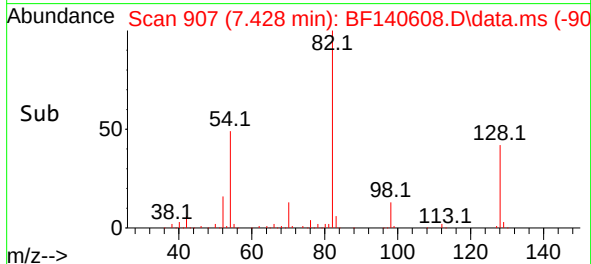
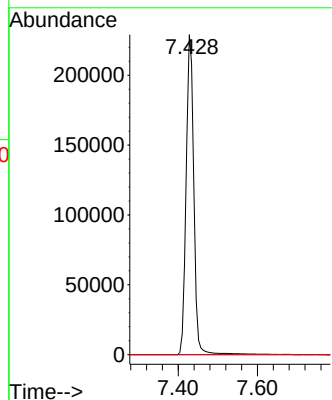
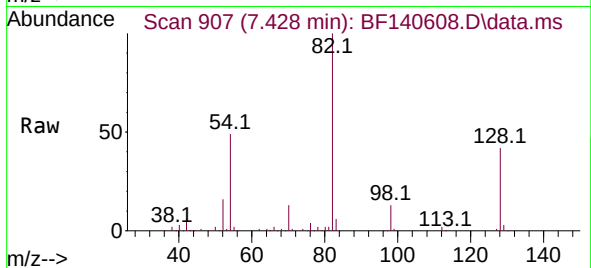




#25
Isophorone
Concen: 37.485 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF140608.D
Acq: 25 Nov 2024 17:41

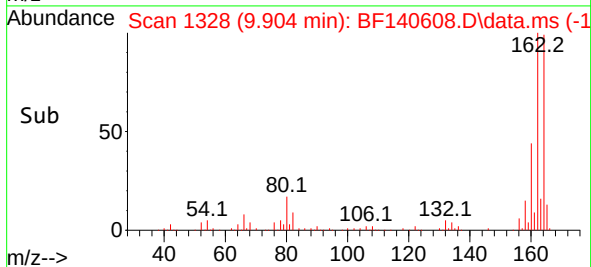
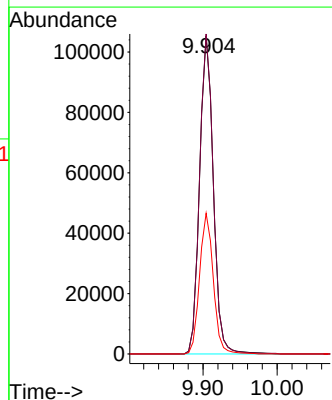
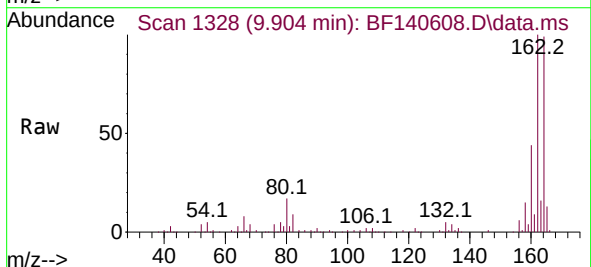
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006

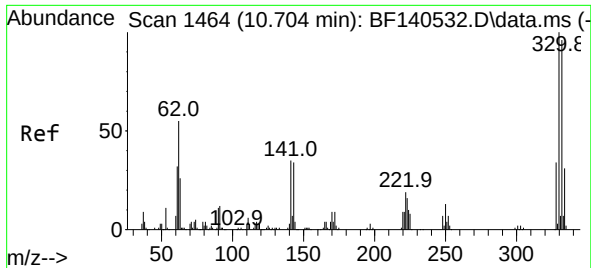
Tgt Ion: 82 Resp: 304637
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140608.D
Acq: 25 Nov 2024 17:41

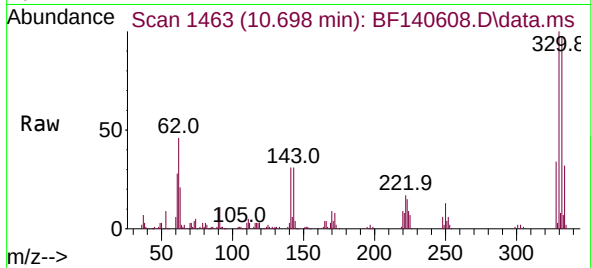
Tgt Ion: 164 Resp: 135754
Ion Ratio Lower Upper
164 100
162 100.6 80.6 120.8
160 44.2 36.2 54.4



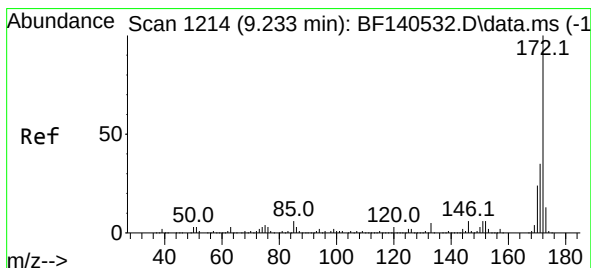
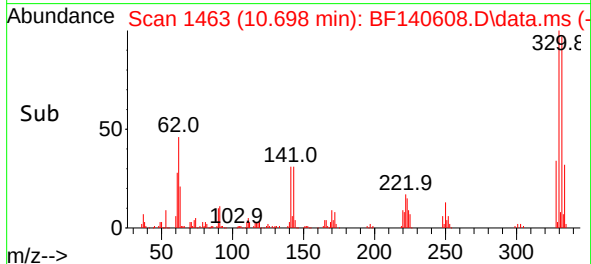
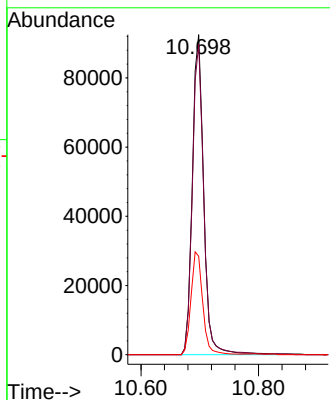


#42
2,4,6-Tribromophenol
Concen: 85.817 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140608.D
Acq: 25 Nov 2024 17:41

Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006

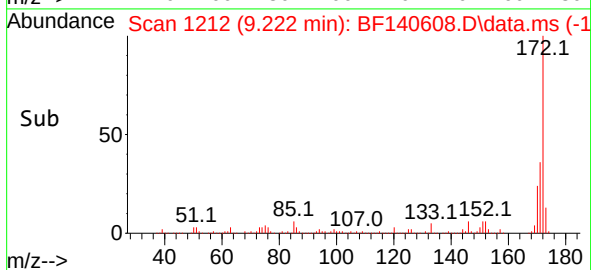
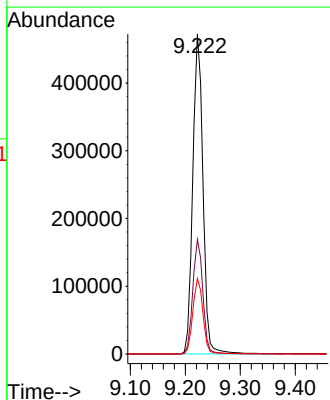
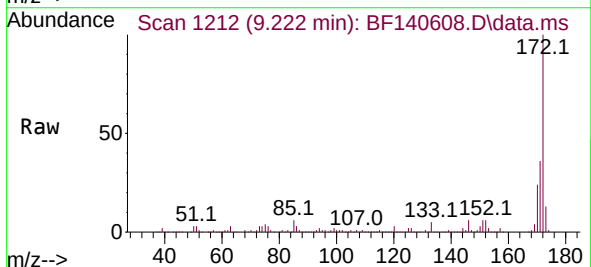


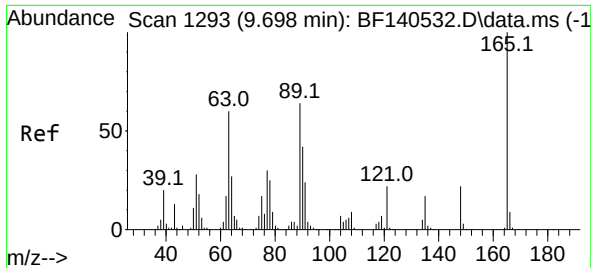
Tgt Ion:330 Resp: 124598
Ion Ratio Lower Upper
330 100
332 97.4 76.9 115.3
141 33.1 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 66.708 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF140608.D
Acq: 25 Nov 2024 17:41

Tgt Ion:172 Resp: 607797
Ion Ratio Lower Upper
172 100
171 35.8 28.4 42.6
170 23.6 19.0 28.6

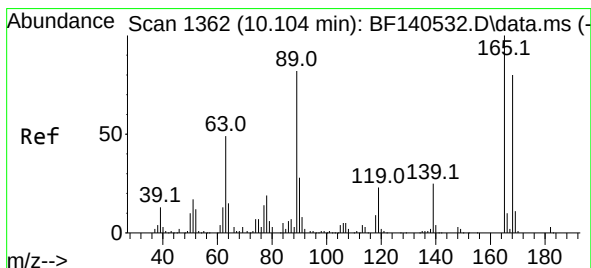
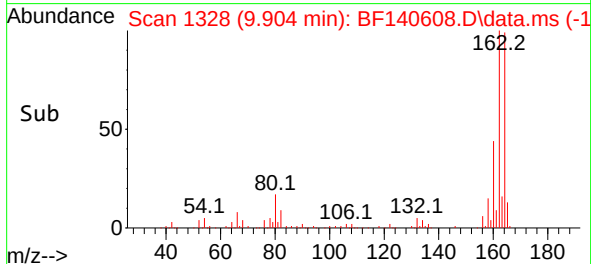
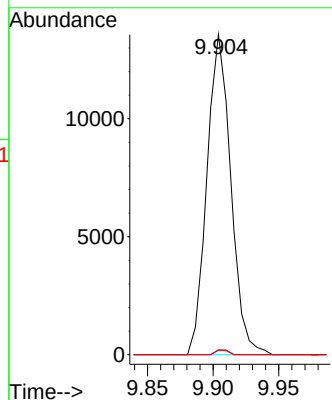
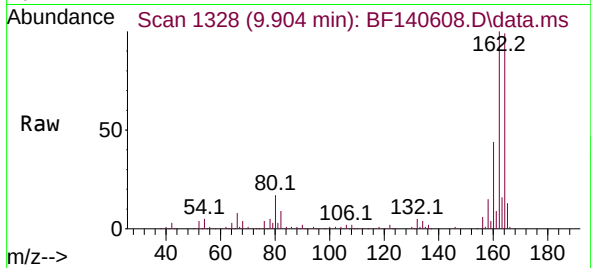




#51
2,6-Dinitrotoluene
Concen: 8.493 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140608.D
Acq: 25 Nov 2024 17:41

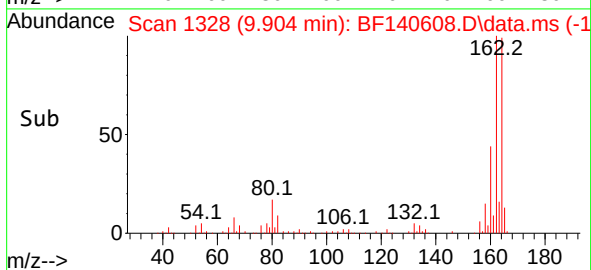
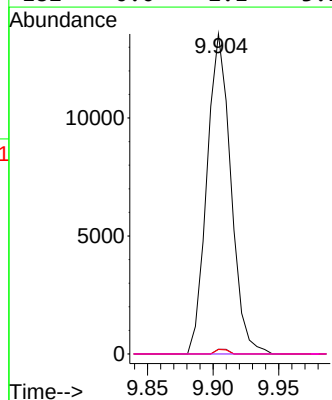
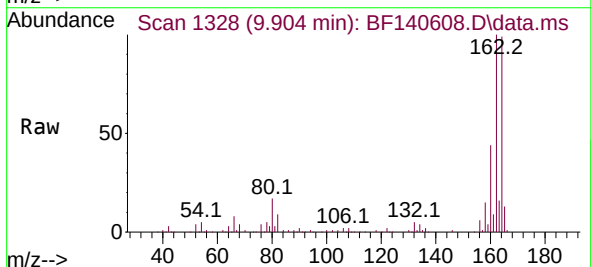
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006

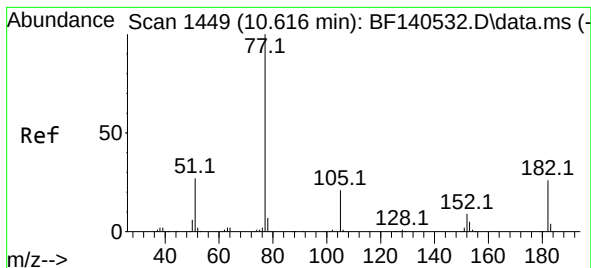
Tgt Ion:165 Resp: 17221
Ion Ratio Lower Upper
165 100
63 1.5 49.9 74.9#
89 1.4 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 6.390 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF140608.D
Acq: 25 Nov 2024 17:41

Tgt Ion:165 Resp: 17221
Ion Ratio Lower Upper
165 100
63 1.5 41.7 62.5#
89 1.4 65.8 98.8#
182 0.0 2.1 3.1#





#63

Azobenzene

Concen: 6.692 ng

RT: 10.616 min Scan# 1449

Delta R.T. 0.000 min

Lab File: BF140608.D

Acq: 25 Nov 2024 17:41

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006

Tgt Ion: 77 Resp: 57565

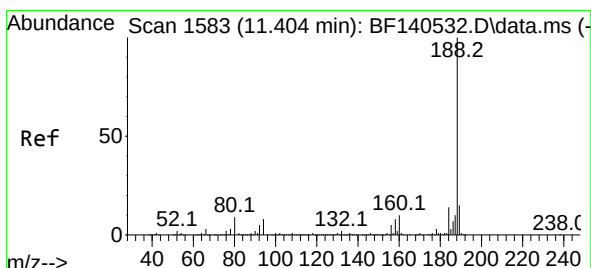
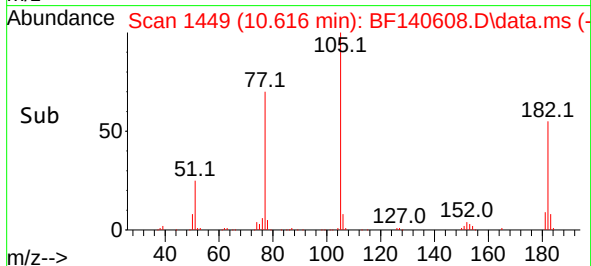
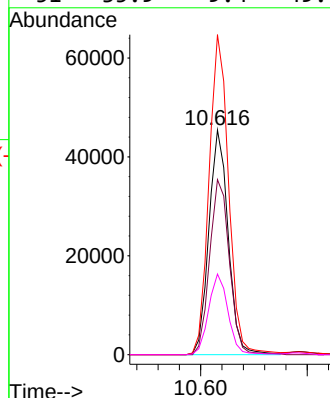
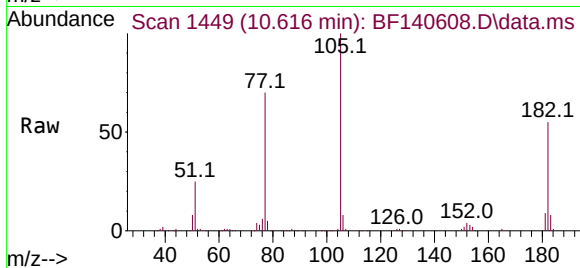
Ion Ratio Lower Upper

77 100

182 77.9 5.3 45.3#

105 142.5 0.3 40.3#

51 35.9 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: BF140608.D

Acq: 25 Nov 2024 17:41

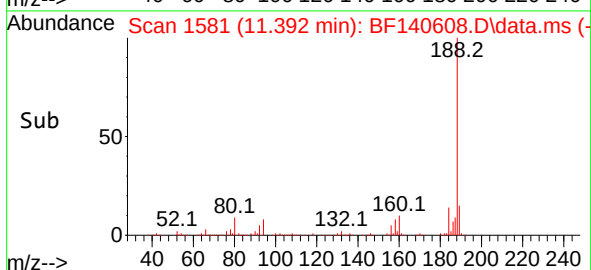
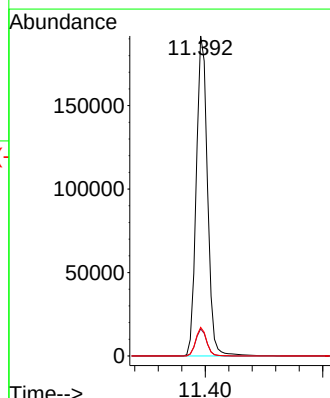
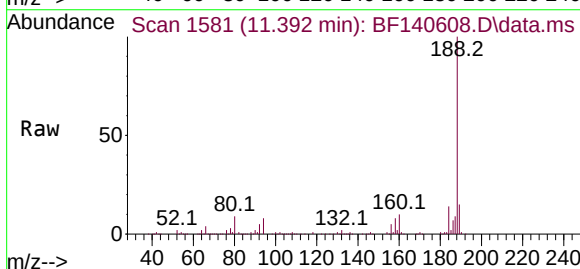
Tgt Ion: 188 Resp: 253640

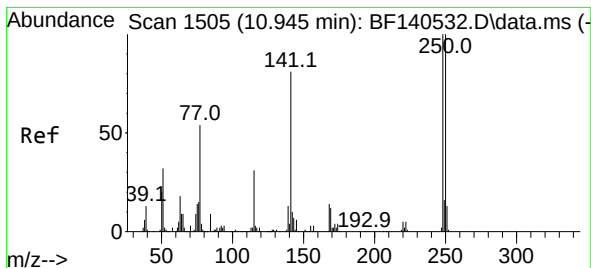
Ion Ratio Lower Upper

188 100

94 8.5 6.4 9.6

80 8.9 6.9 10.3

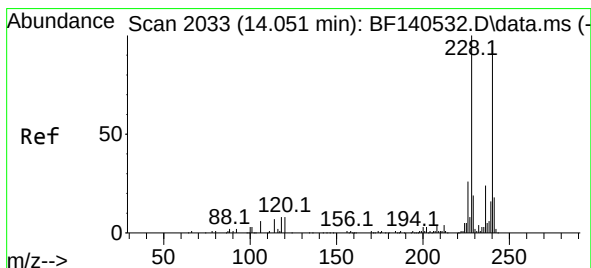
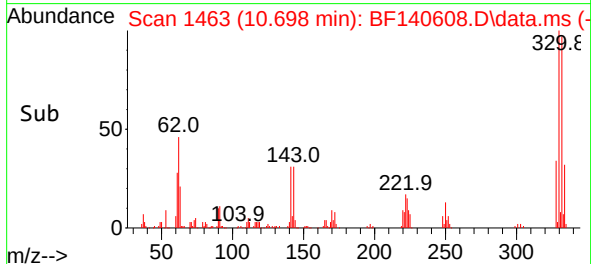
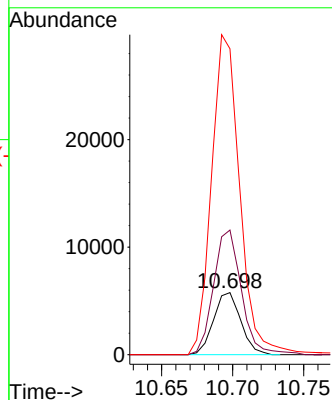
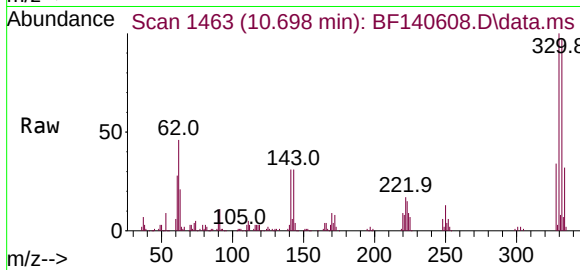




#67
4-Bromophenyl-phenylether
Concen: 2.945 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140608.D
Acq: 25 Nov 2024 17:41

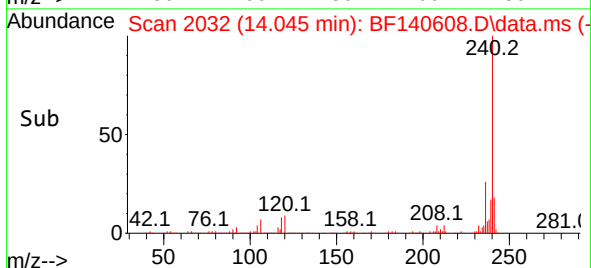
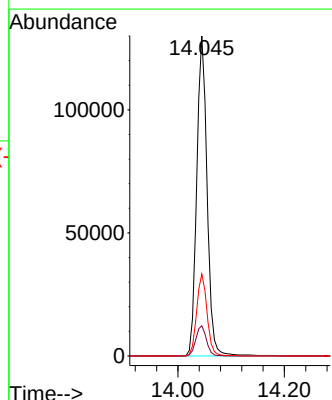
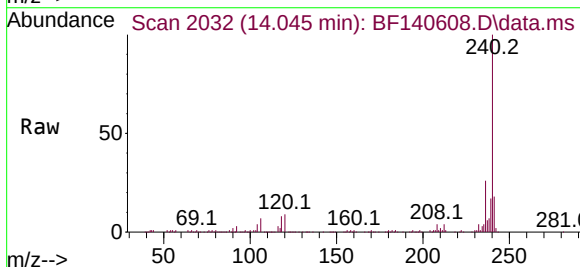
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006

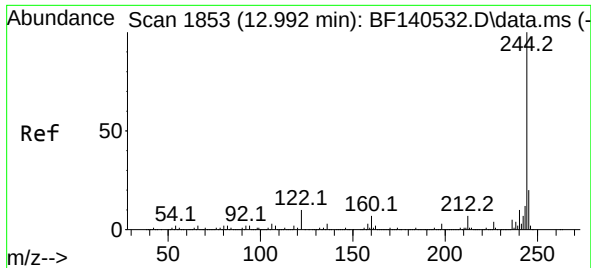
Tgt Ion:248 Resp: 7692
Ion Ratio Lower Upper
248 100
250 200.6 79.8 119.8#
141 492.1 64.7 97.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140608.D
Acq: 25 Nov 2024 17:41

Tgt Ion:240 Resp: 176049
Ion Ratio Lower Upper
240 100
120 9.5 7.3 10.9
236 25.7 20.6 31.0

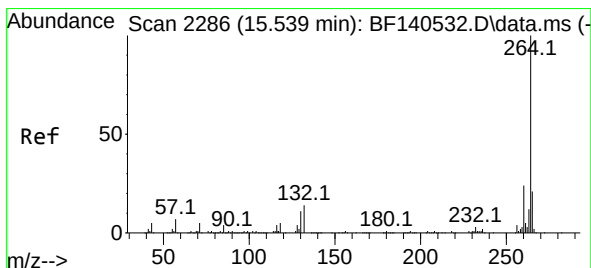
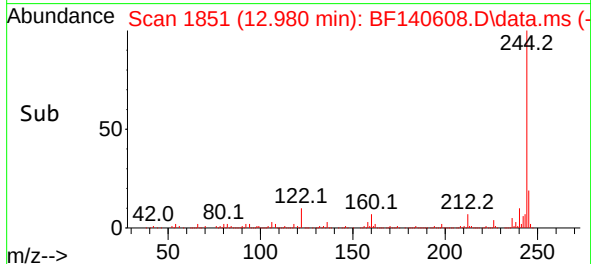
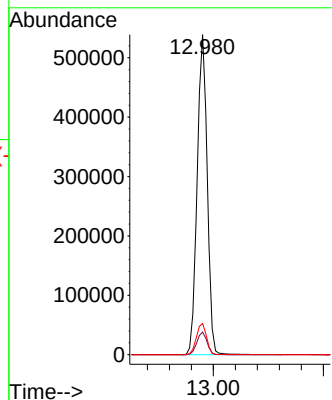
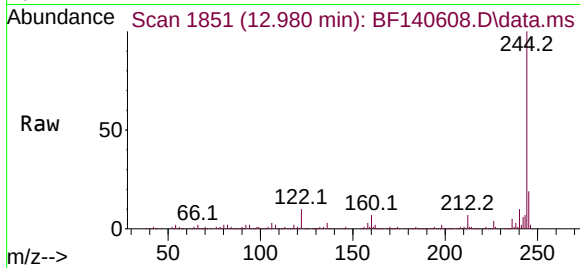




#79
 Terphenyl-d14
 Concen: 60.541 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.012 min
 Lab File: BF140608.D
 Acq: 25 Nov 2024 17:41

Instrument :
 BNA_F
 ClientSampleId :
 PH2-BOT-006

Tgt Ion:244 Resp: 684477
 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: 15.545 min Scan# 2287
 Delta R.T. 0.006 min
 Lab File: BF140608.D
 Acq: 25 Nov 2024 17:41

Tgt Ion:264 Resp: 146465
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.6
 265 21.5 16.6 25.0

