

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
 Data File : BF140372.D
 Acq On : 14 Nov 2024 19:43
 Operator : RC/JU
 Sample : P4788-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-G3

Quant Time: Nov 15 00:28:30 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)

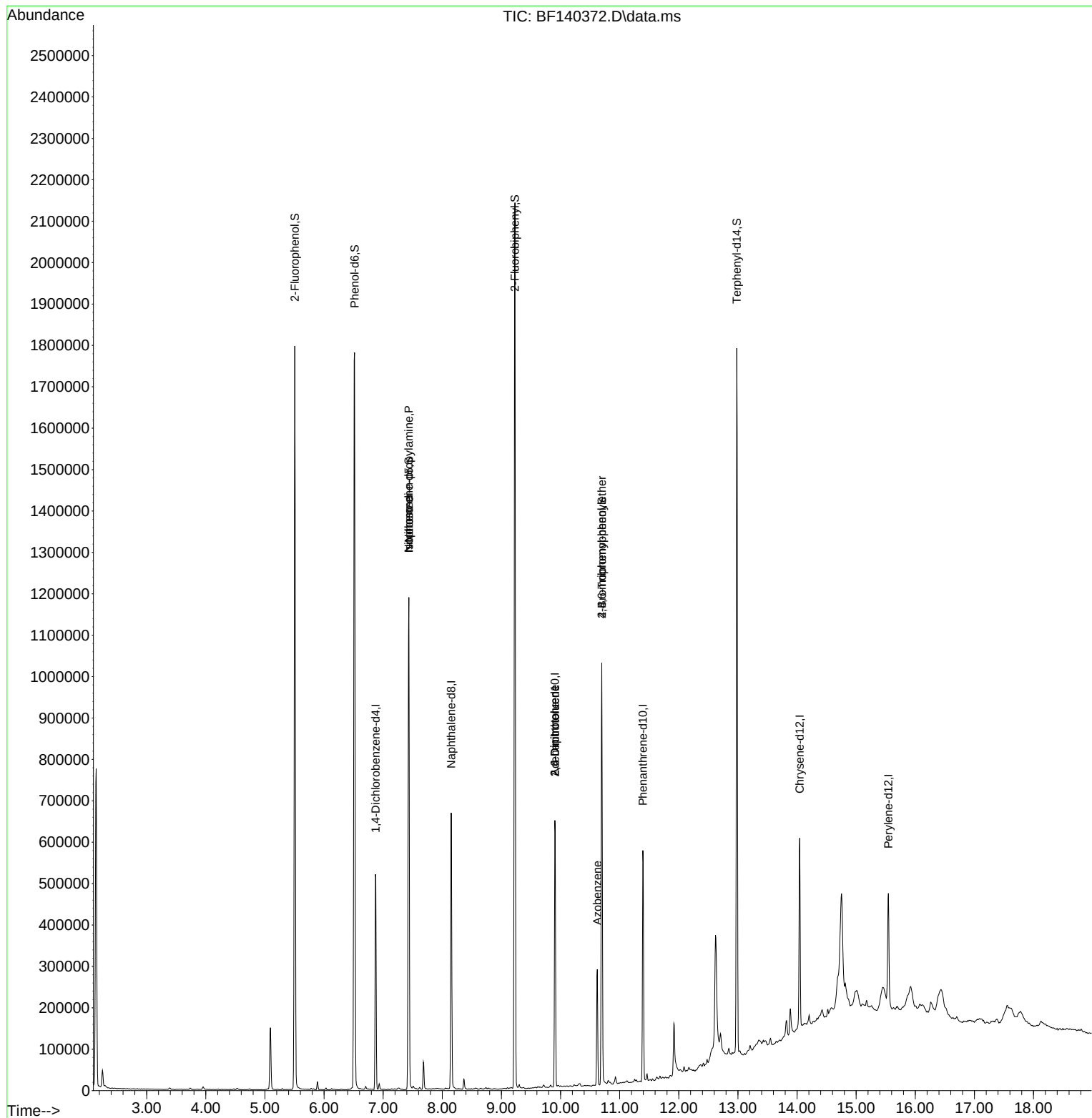
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	110946	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	405408	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	192368	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	298485	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	218873	20.000	ng	0.00
86) Perylene-d12	15.545	264	154742	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	657789	101.229	ng	0.01
7) Phenol-d6	6.516	99	871140	98.951	ng	0.01
23) Nitrobenzene-d5	7.434	82	548668	70.514	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	164409	85.945	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	949653	79.359	ng	0.00
79) Terphenyl-d14	12.980	244	803953	63.758	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	72659	13.665	ng	# 77
25) Isophorone	7.434	82	543468	39.410	ng	# 67
51) 2,6-Dinitrotoluene	9.904	165	24478	8.563	ng	# 22
57) 2,4-Dinitrotoluene	9.904	165	24478	6.506	ng	# 20
63) Azobenzene	10.622	77	74779	5.903	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	10349	3.469	ng	# 1

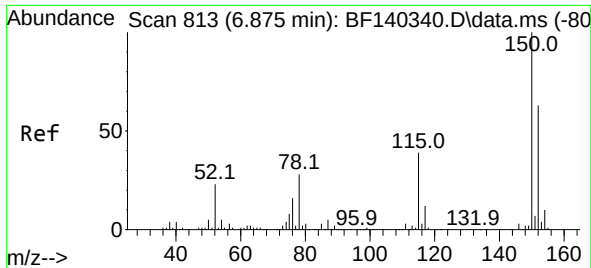
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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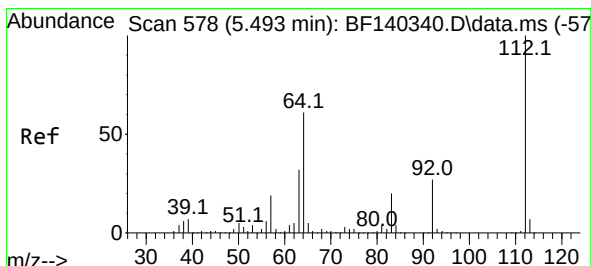
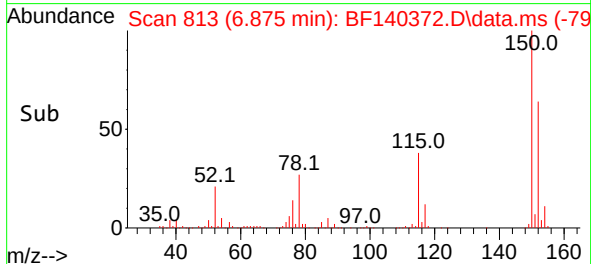
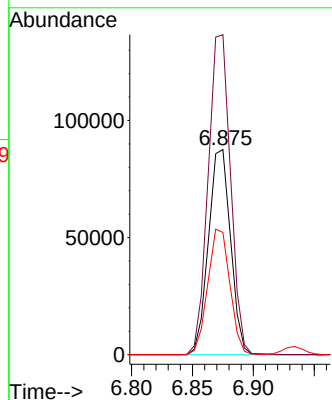
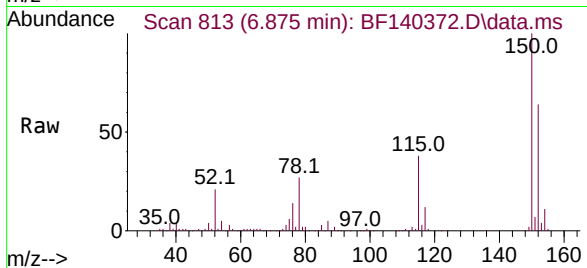




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140372.D
Acq: 14 Nov 2024 19:43

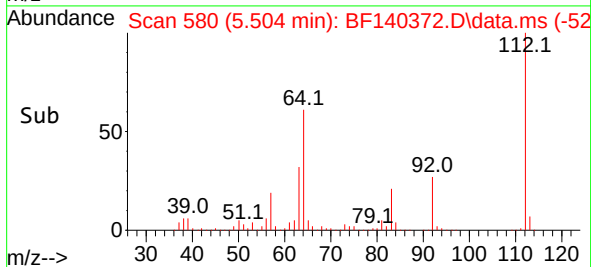
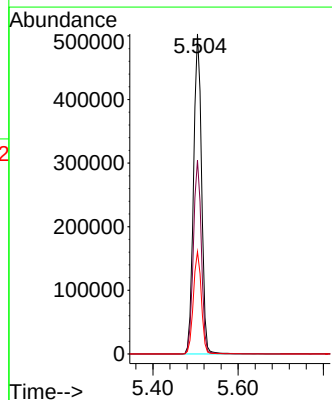
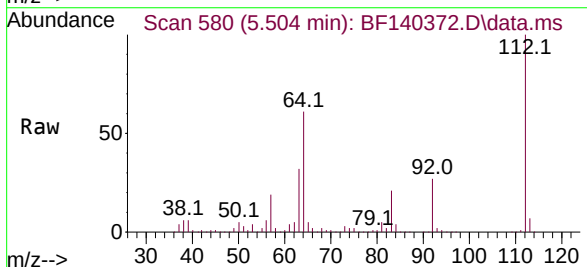
Instrument :
BNA_F
ClientSampleId :
BP-G3

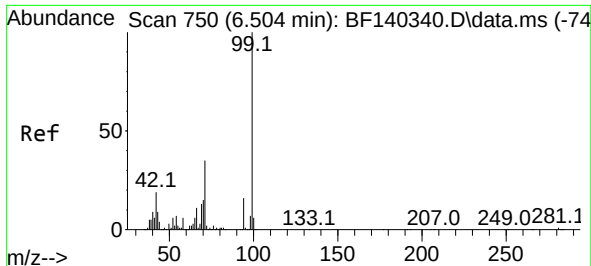
Tgt Ion:152 Resp: 110946
Ion Ratio Lower Upper
152 100
150 156.0 127.4 191.0
115 59.6 47.4 71.2



#5
2-Fluorophenol
Concen: 101.229 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF140372.D
Acq: 14 Nov 2024 19:43

Tgt Ion:112 Resp: 657789
Ion Ratio Lower Upper
112 100
64 60.5 49.2 73.8
63 31.9 25.6 38.4

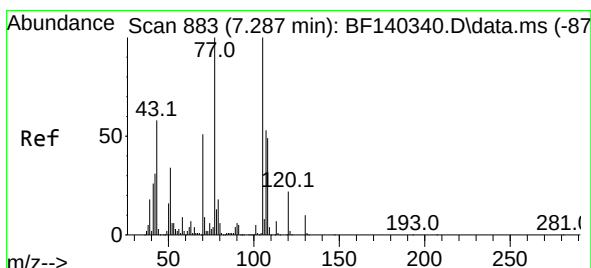
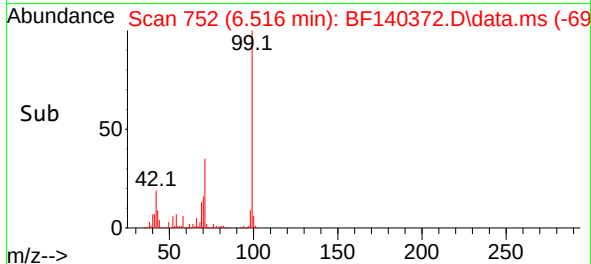
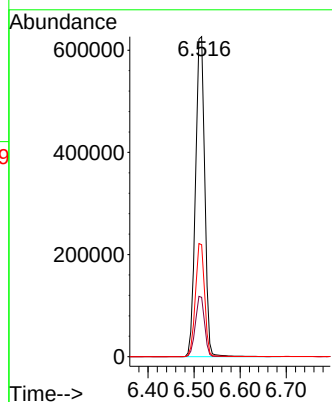
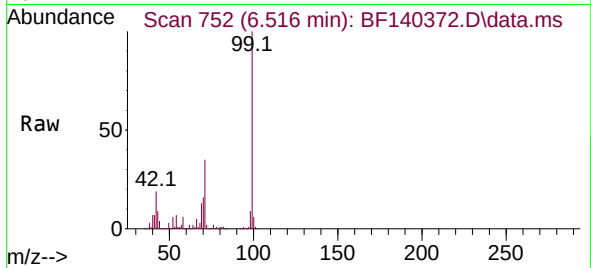




#7
Phenol-d6
Concen: 98.951 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF140372.D
Acq: 14 Nov 2024 19:43

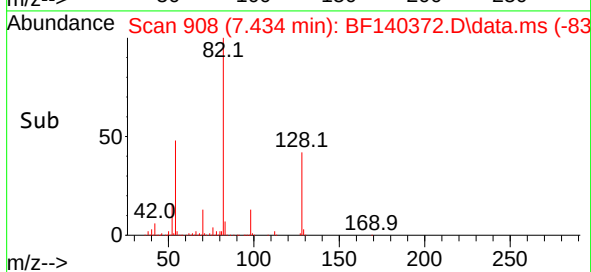
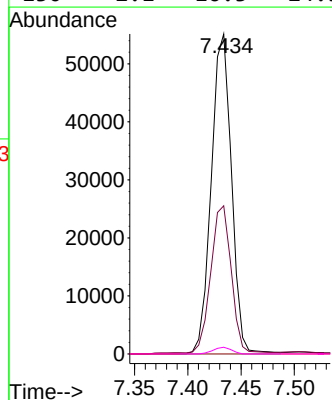
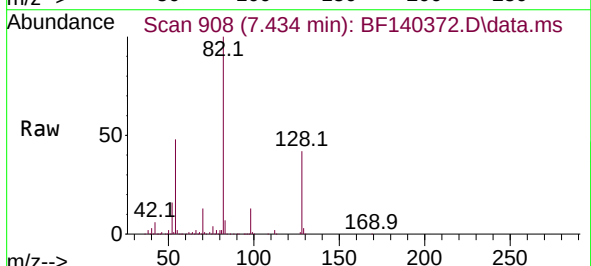
Instrument :
BNA_F
ClientSampleId :
BP-G3

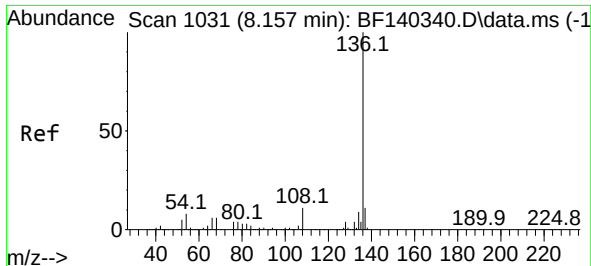
Tgt Ion: 99 Resp: 871140
Ion Ratio Lower Upper
99 100
42 18.5 15.1 22.7
71 35.0 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 13.665 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140372.D
Acq: 14 Nov 2024 19:43

Tgt Ion: 70 Resp: 72659
Ion Ratio Lower Upper
70 100
42 46.3 46.8 70.2#
101 0.0 7.5 11.3#
130 2.1 16.3 24.5#



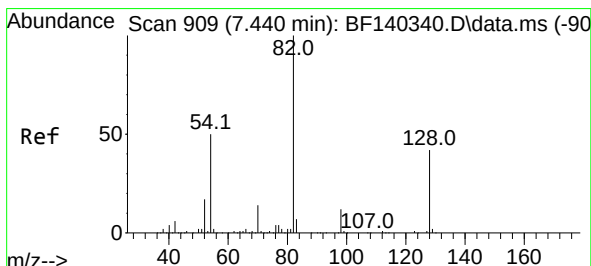
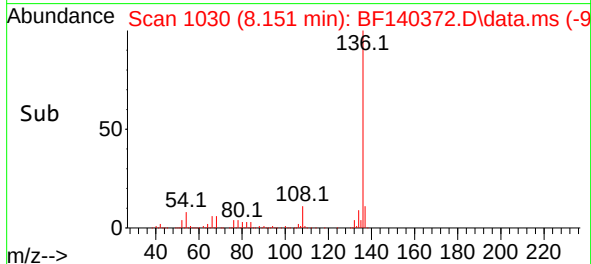
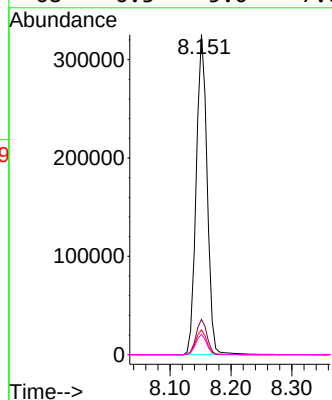
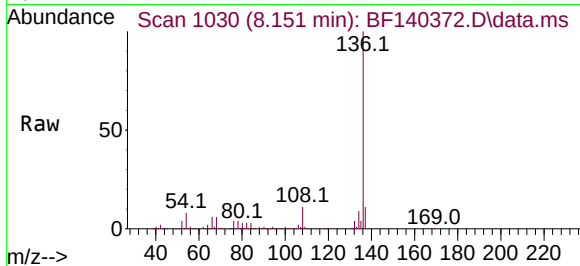


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140372.D
Acq: 14 Nov 2024 19:43

Instrument :
BNA_F
ClientSampleId :
BP-G3

Tgt Ion:136 Resp: 405408

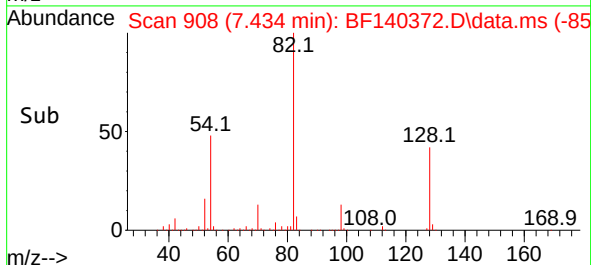
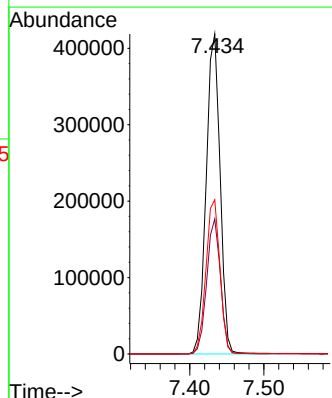
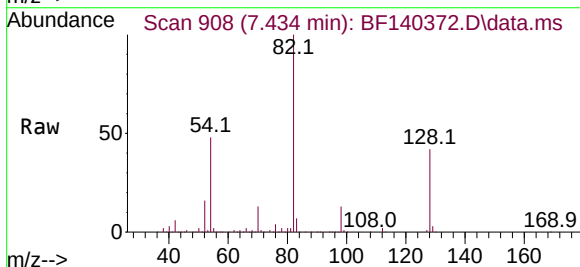
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.8	6.5	9.7
68	6.3	5.0	7.6

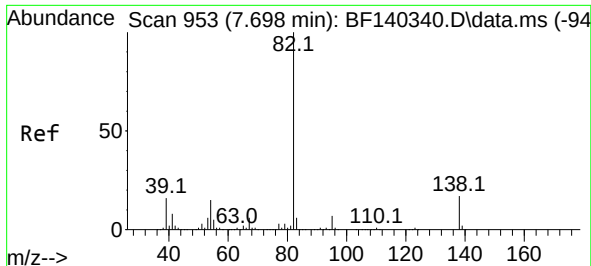


#23
Nitrobenzene-d5
Concen: 70.514 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140372.D
Acq: 14 Nov 2024 19:43

Tgt Ion: 82 Resp: 548668

Ion	Ratio	Lower	Upper
82	100		
128	42.2	33.3	49.9
54	48.2	39.8	59.8

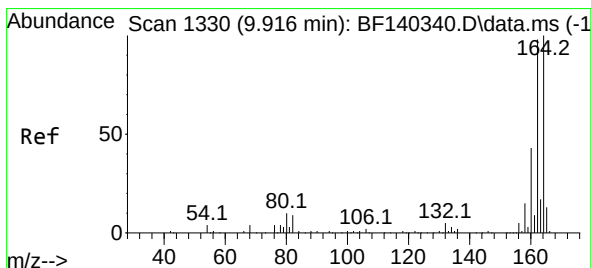
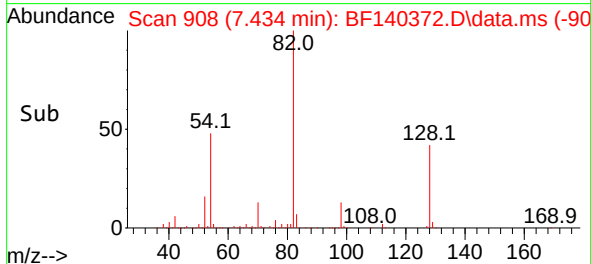
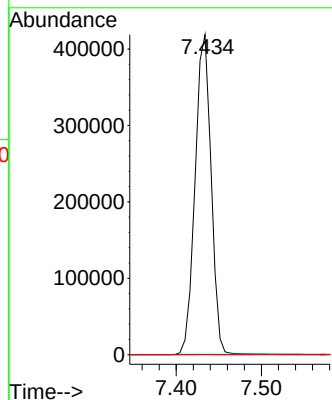
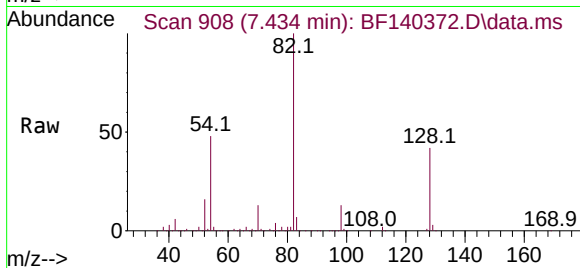




#25
Isophorone
Concen: 39.410 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140372.D
Acq: 14 Nov 2024 19:43

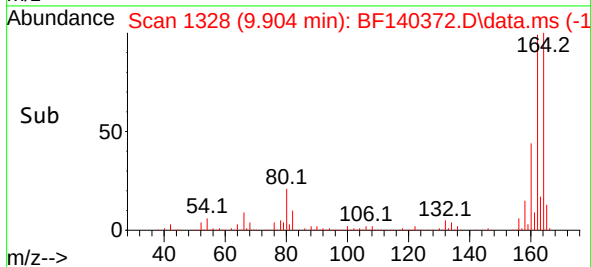
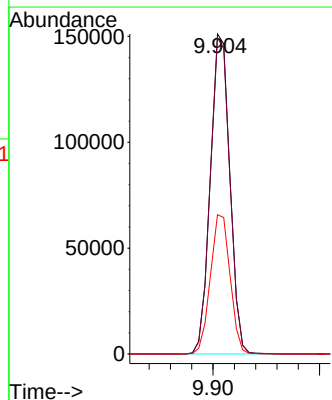
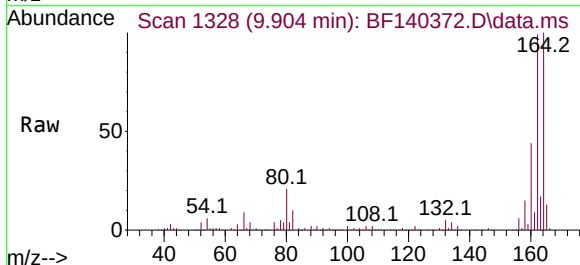
Instrument :
BNA_F
ClientSampleId :
BP-G3

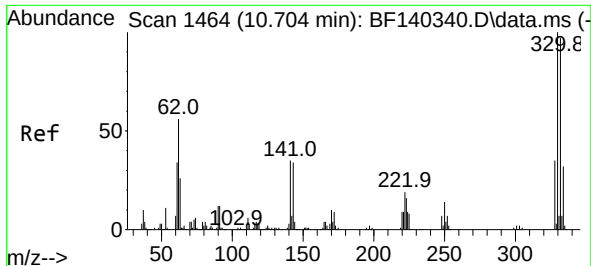
Tgt Ion: 82 Resp: 543468
Ion Ratio Lower Upper
82 100
95 0.1 5.9 8.9#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140372.D
Acq: 14 Nov 2024 19:43

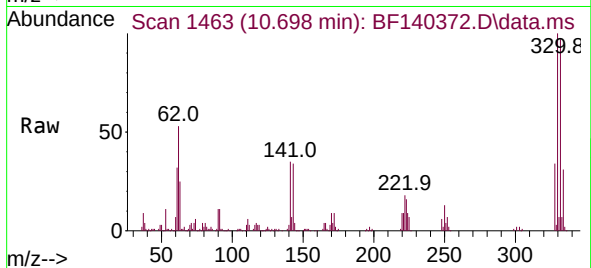
Tgt Ion:164 Resp: 192368
Ion Ratio Lower Upper
164 100
162 98.8 79.8 119.8
160 43.5 35.4 53.0



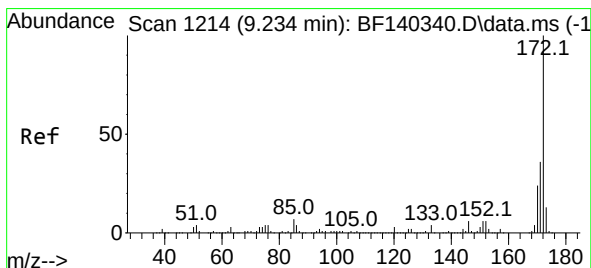
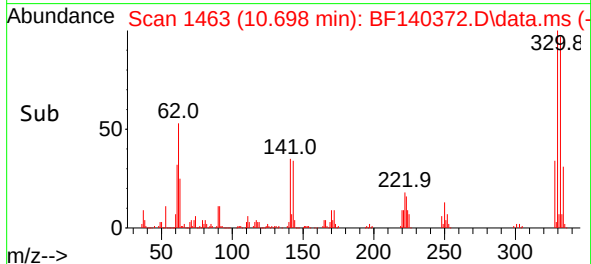
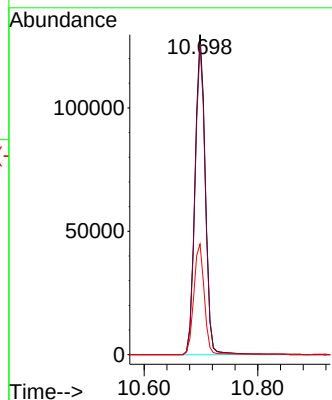


#42
2,4,6-Tribromophenol
Concen: 85.945 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140372.D
Acq: 14 Nov 2024 19:43

Instrument :
BNA_F
ClientSampleId :
BP-G3

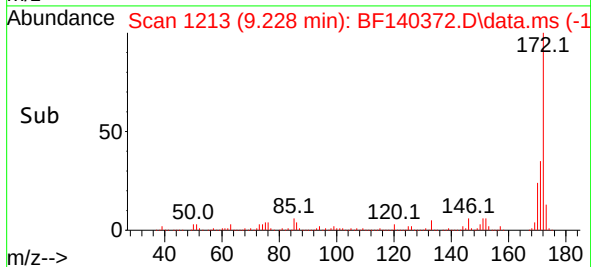
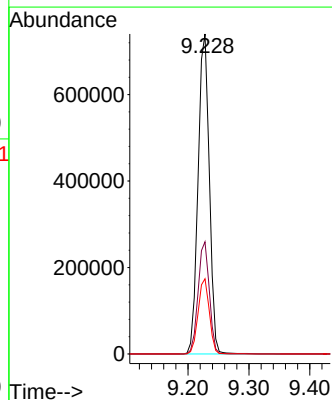
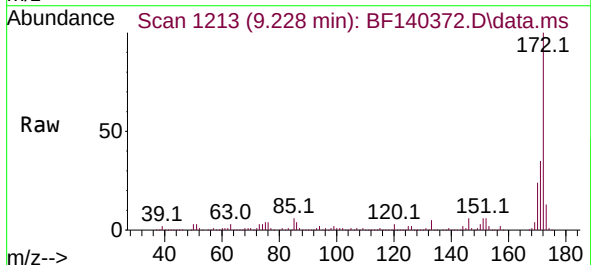


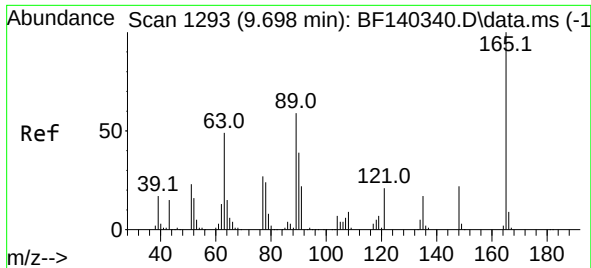
Tgt Ion:330 Resp: 164409
Ion Ratio Lower Upper
330 100
332 96.8 75.9 113.9
141 35.1 26.9 40.3



#45
2-Fluorobiphenyl
Concen: 79.359 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140372.D
Acq: 14 Nov 2024 19:43

Tgt Ion:172 Resp: 949653
Ion Ratio Lower Upper
172 100
171 35.0 28.5 42.7
170 23.5 19.1 28.7

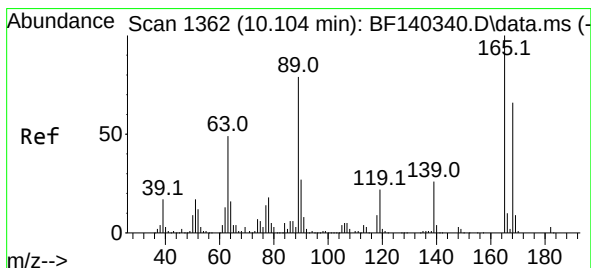
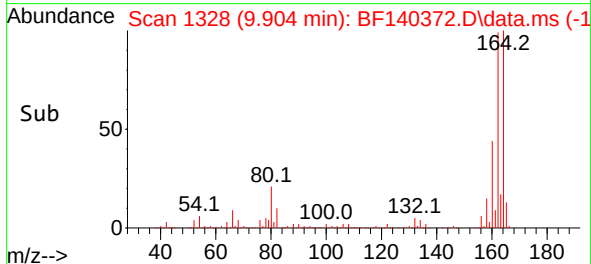
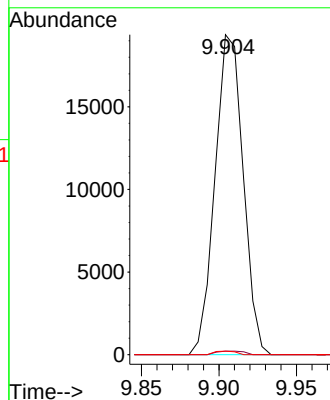
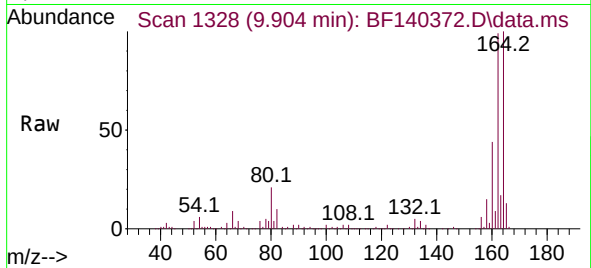




#51
2,6-Dinitrotoluene
Concen: 8.563 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140372.D
Acq: 14 Nov 2024 19:43

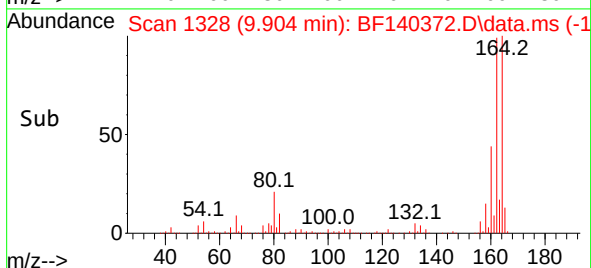
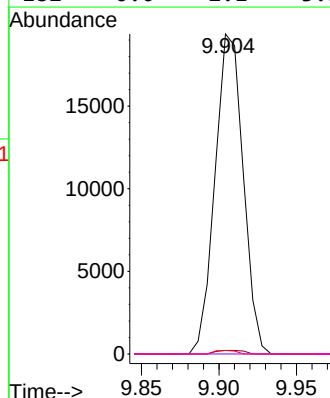
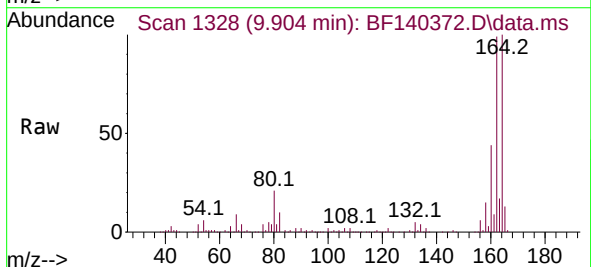
Instrument :
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ClientSampleId :
BP-G3

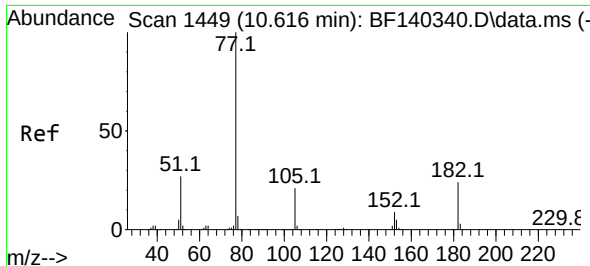
Tgt Ion:165 Resp: 24478
Ion Ratio Lower Upper
165 100
63 1.1 47.6 71.4#
89 1.1 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.506 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF140372.D
Acq: 14 Nov 2024 19:43

Tgt Ion:165 Resp: 24478
Ion Ratio Lower Upper
165 100
63 1.1 39.4 59.0#
89 1.1 62.4 93.6#
182 0.0 2.1 3.1#

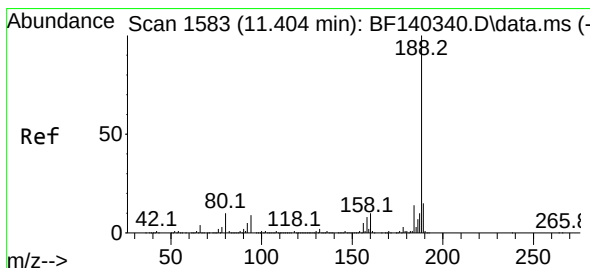
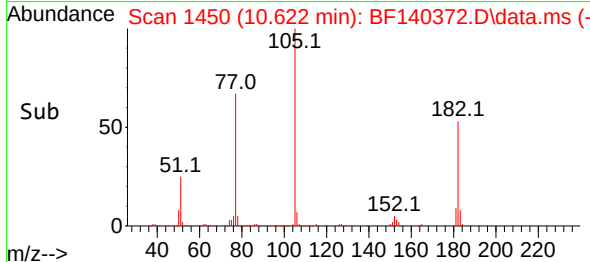
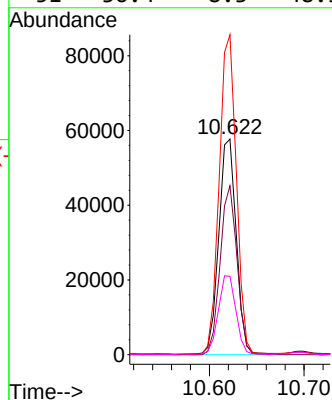
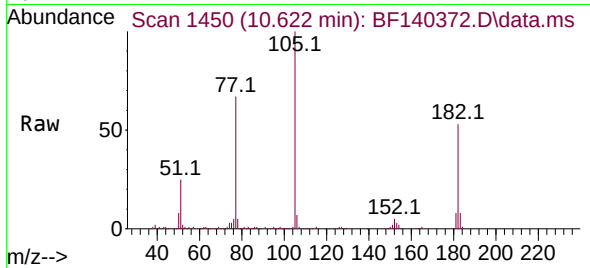




#63
Azobenzene
Concen: 5.903 ng
RT: 10.622 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF140372.D
Acq: 14 Nov 2024 19:43

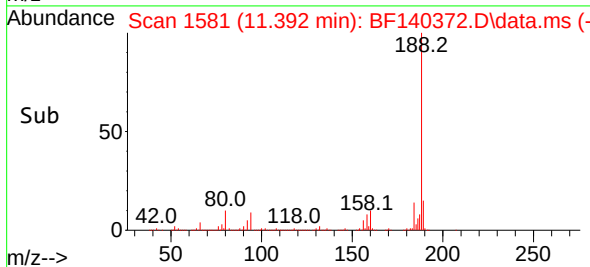
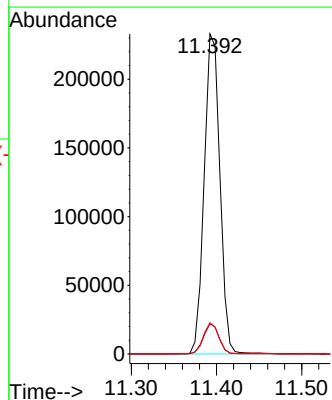
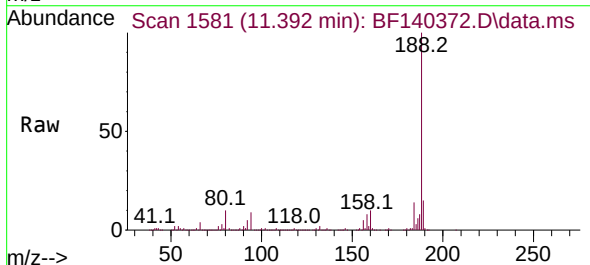
Instrument :
BNA_F
ClientSampleId :
BP-G3

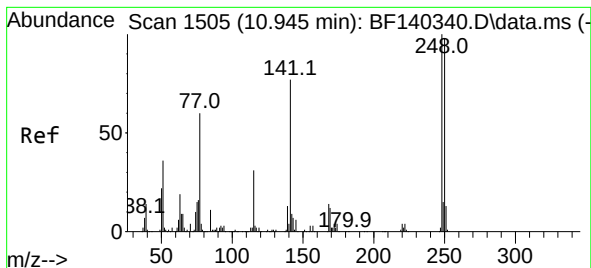
Tgt Ion: 77	Resp: 74779
Ion Ratio	Lower Upper
77 100	
182 78.3	4.6 44.6#
105 148.4	0.9 40.9#
51 36.4	8.3 48.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF140372.D
Acq: 14 Nov 2024 19:43

Tgt Ion: 188	Resp: 298485
Ion Ratio	Lower Upper
188 100	
94 9.4	7.6 11.4
80 9.8	8.0 12.0

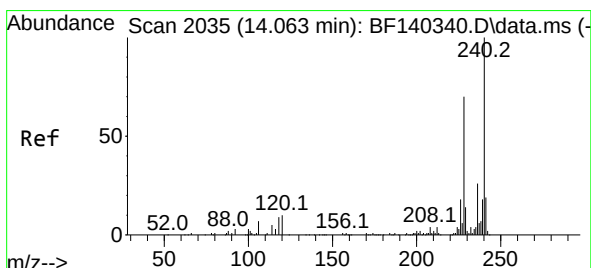
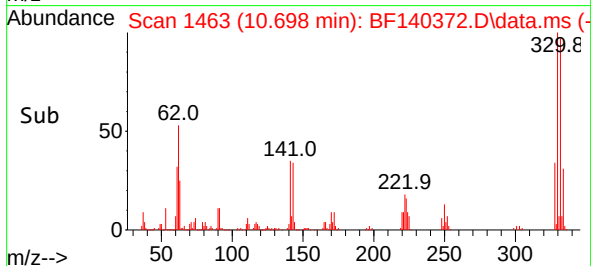
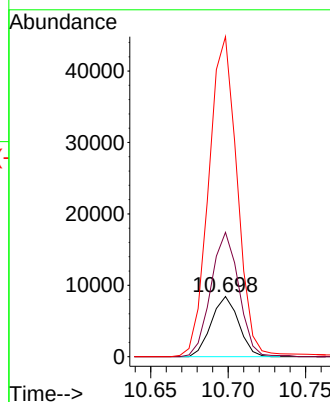
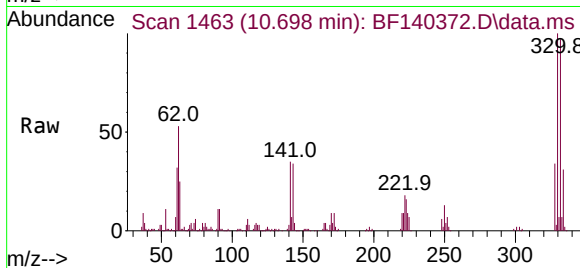




#67
4-Bromophenyl-phenylether
Concen: 3.469 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140372.D
Acq: 14 Nov 2024 19:43

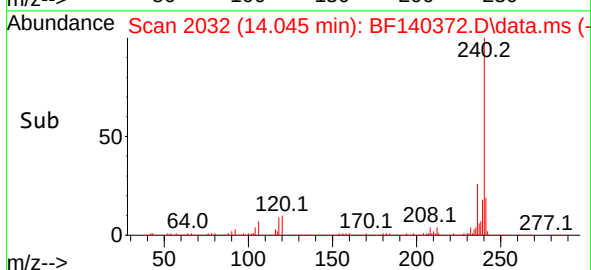
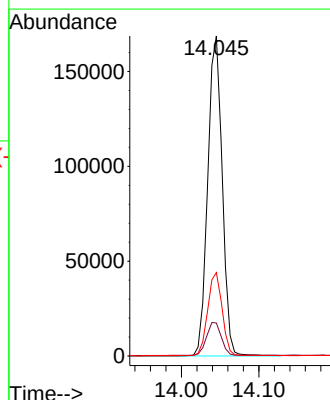
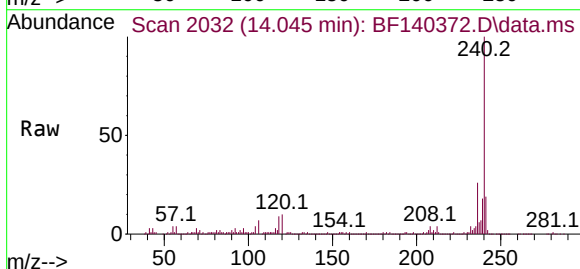
Instrument :
BNA_F
ClientSampleId :
BP-G3

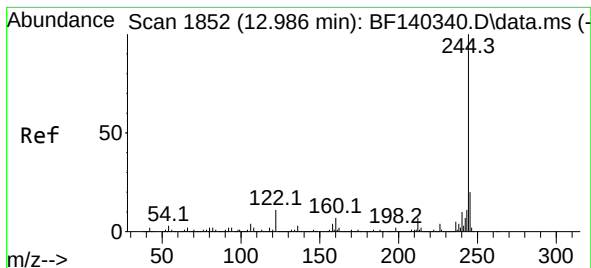
Tgt Ion:248 Resp: 10349
Ion Ratio Lower Upper
248 100
250 206.6 77.9 116.9#
141 531.8 61.8 92.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140372.D
Acq: 14 Nov 2024 19:43

Tgt Ion:240 Resp: 218873
Ion Ratio Lower Upper
240 100
120 10.3 8.8 13.2
236 26.1 20.9 31.3





#79

Terphenyl-d14

Concen: 63.758 ng

RT: 12.980 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140372.D

Acq: 14 Nov 2024 19:43

Instrument :

BNA_F

ClientSampleId :

BP-G3

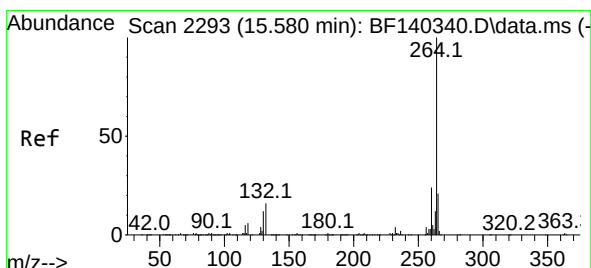
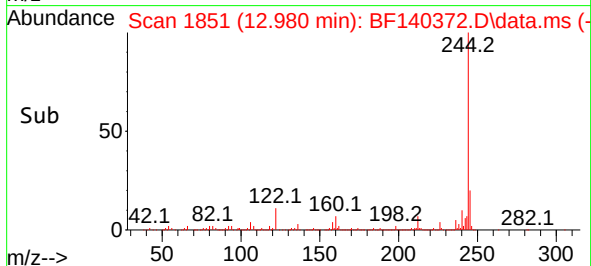
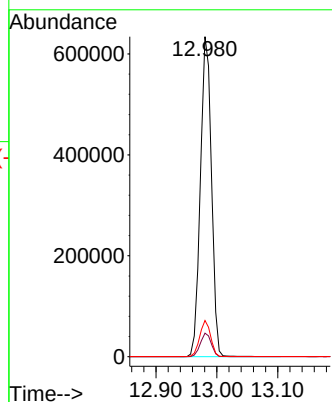
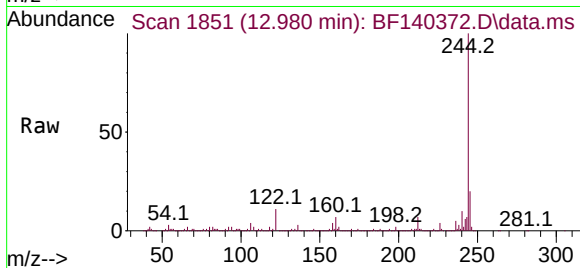
Tgt Ion:244 Resp: 803953

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 11.3 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2287

Delta R.T. -0.012 min

Lab File: BF140372.D

Acq: 14 Nov 2024 19:43

Tgt Ion:264 Resp: 154742

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 21.2 17.1 25.7

