

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
 Data File : BF140357.D
 Acq On : 14 Nov 2024 13:03
 Operator : RC/JU
 Sample : P4762-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Quant Time: Nov 14 13:43:40 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)

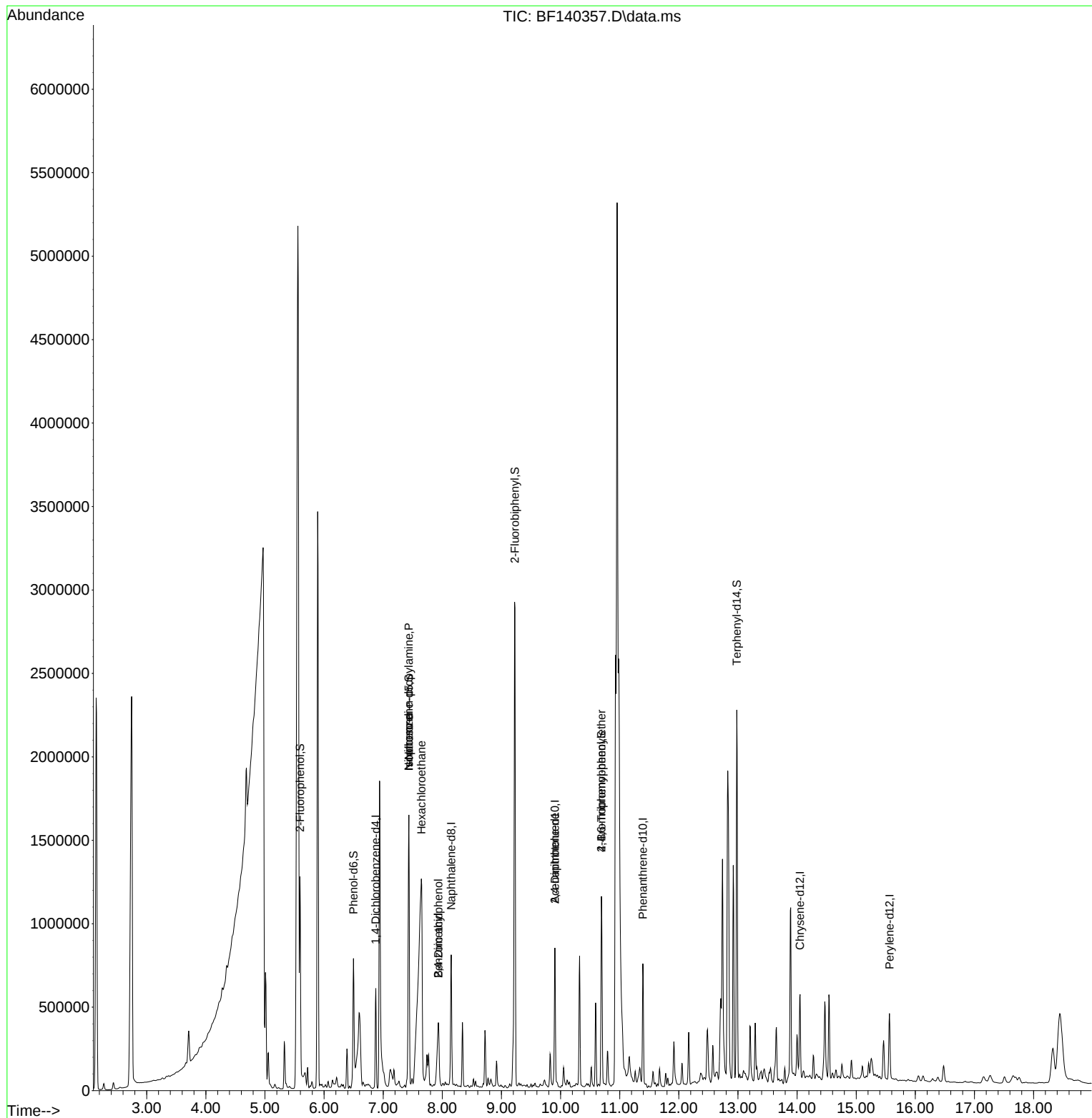
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	123240	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	451667	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	238339	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	373961	20.000	ng	-0.01
76) Chrysene-d12	14.051	240	234451	20.000	ng	0.00
86) Perylene-d12	15.562	264	231752	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.592	112	372864	51.657	ng	0.10
7) Phenol-d6	6.498	99	348378	35.624	ng	0.00
23) Nitrobenzene-d5	7.434	82	757360	87.366	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	187750	79.216	ng	-0.01
45) 2-Fluorobiphenyl	9.227	172	1320167	89.043	ng	0.00
79) Terphenyl-d14	12.980	244	1076853	79.726	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	7.645	117	10467	3.264	ng	# 1
19) n-Nitroso-di-n-propyla...	7.434	70	104105	17.626	ng	# 78
25) Isophorone	7.434	82	750912	48.876	ng	# 67
27) 2,4-Dimethylphenol	7.933	122	170862	33.321	ng	# 5
32) Benzoic acid	7.933	122	171062	37.912	ng	# 98
57) 2,4-Dinitrotoluene	9.904	165	31425	6.742	ng	# 20
67) 4-Bromophenyl-phenylether	10.692	248	12707	3.399	ng	# 1

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

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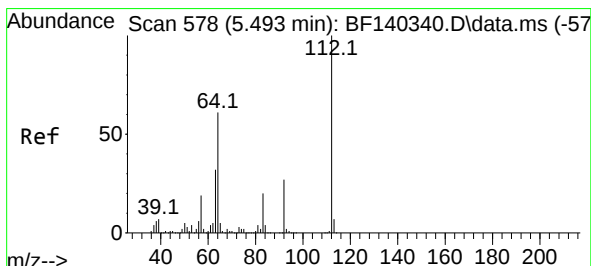
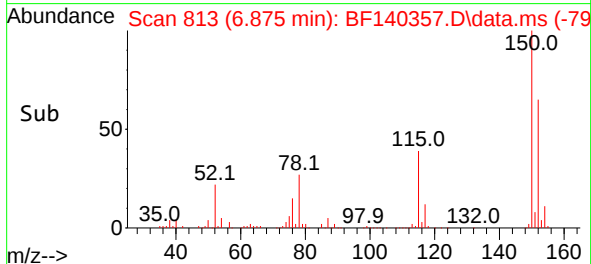
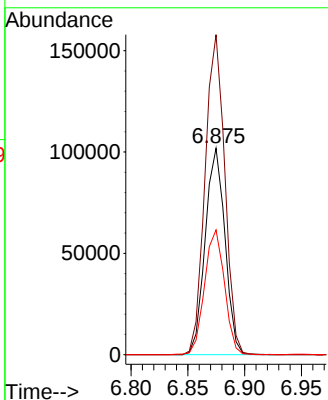
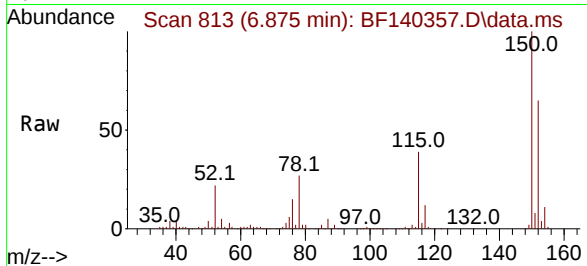




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140357.D
Acq: 14 Nov 2024 13:03

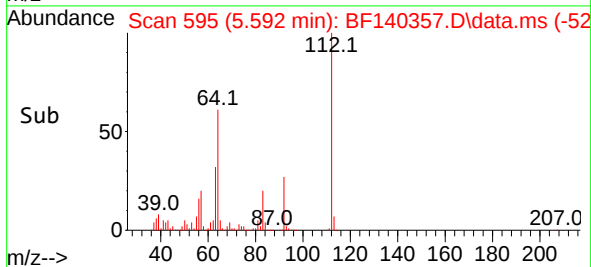
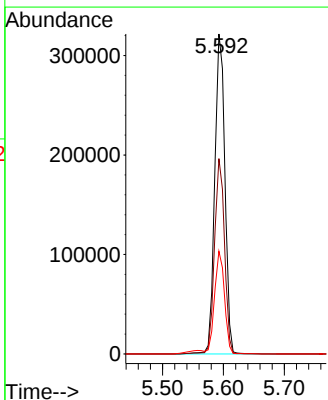
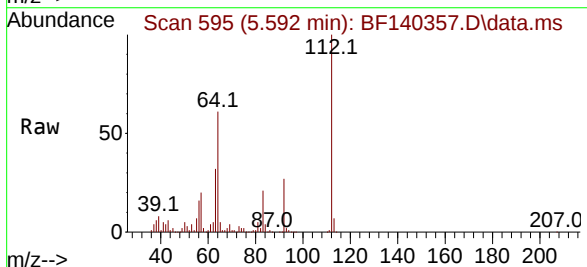
Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tgt Ion:152 Resp: 123240
Ion Ratio Lower Upper
152 100
150 155.0 127.4 191.0
115 60.4 47.4 71.2



#5
2-Fluorophenol
Concen: 51.657 ng
RT: 5.592 min Scan# 595
Delta R.T. 0.100 min
Lab File: BF140357.D
Acq: 14 Nov 2024 13:03

Tgt Ion:112 Resp: 372864
Ion Ratio Lower Upper
112 100
64 61.1 49.2 73.8
63 32.1 25.6 38.4

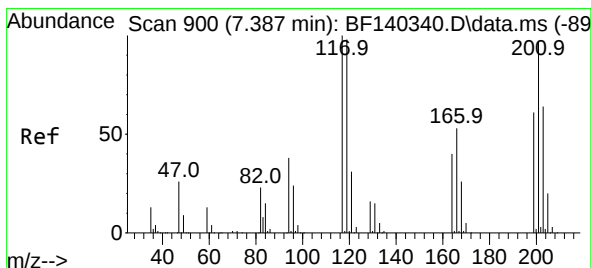
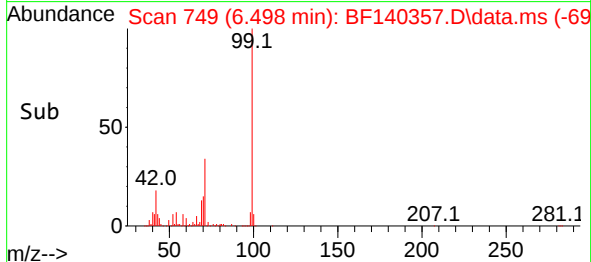
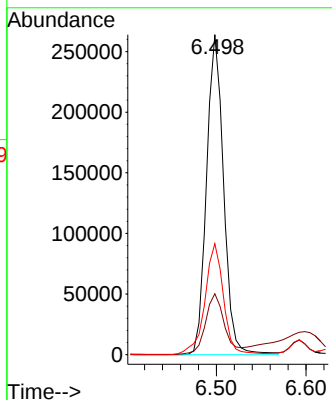
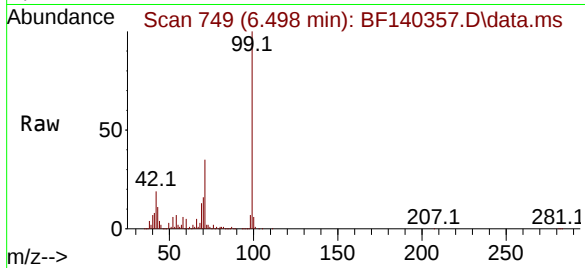




#7
Phenol-d6
Concen: 35.624 ng
RT: 6.498 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF140357.D
Acq: 14 Nov 2024 13:03

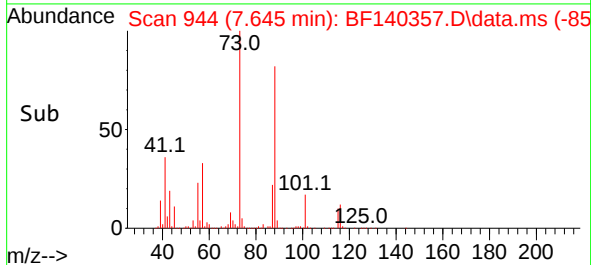
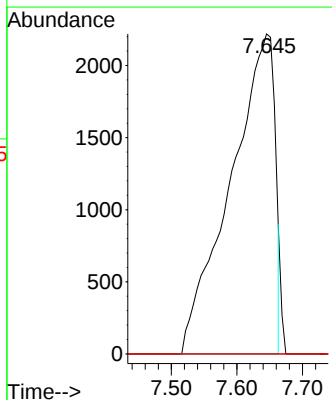
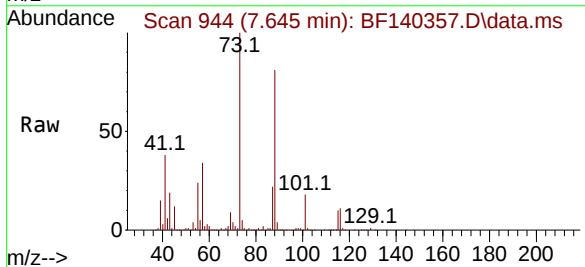
Instrument :
BNA_F
ClientSampleId :
EFF-WW

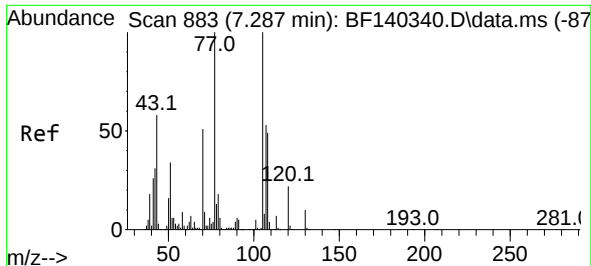
Tgt Ion: 99 Resp: 348378
Ion Ratio Lower Upper
99 100
42 19.1 15.1 22.7
71 34.7 27.9 41.9



#18
Hexachloroethane
Concen: 3.264 ng
RT: 7.645 min Scan# 944
Delta R.T. 0.253 min
Lab File: BF140357.D
Acq: 14 Nov 2024 13:03

Tgt Ion: 117 Resp: 10467
Ion Ratio Lower Upper
117 100
119 0.0 76.9 115.3#
201 0.0 80.2 120.4#

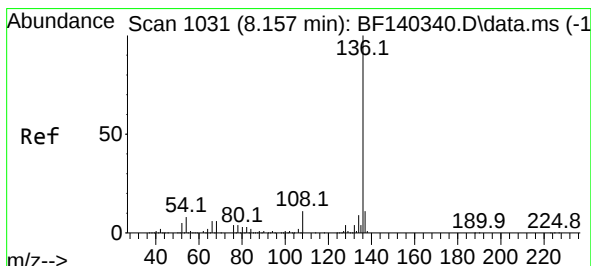
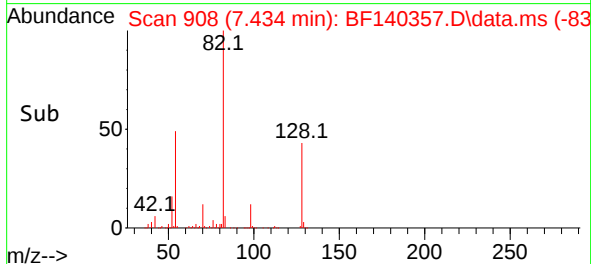
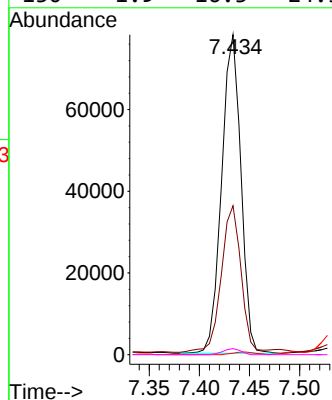
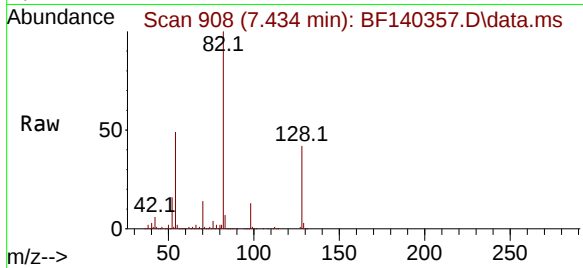




#19
n-Nitroso-di-n-propylamine
Concen: 17.626 ng
RT: 7.434 min Scan# 90
Delta R.T. 0.141 min
Lab File: BF140357.D
Acq: 14 Nov 2024 13:03

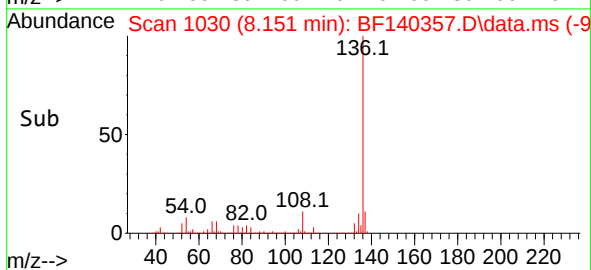
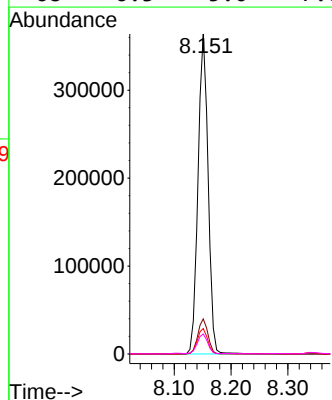
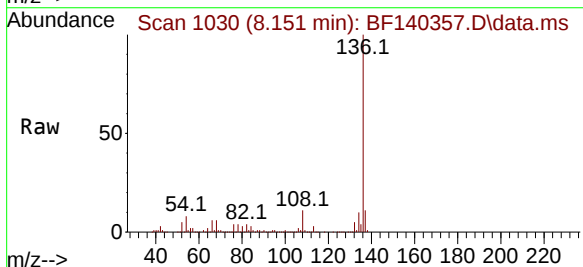
Instrument :
BNA_F
ClientSampleId :
EFF-WW

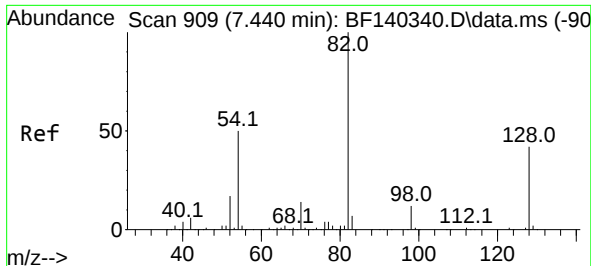
Tgt Ion: 70 Resp: 104105
Ion Ratio Lower Upper
70 100
42 46.6 46.8 70.2#
101 0.5 7.5 11.3#
130 1.9 16.3 24.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140357.D
Acq: 14 Nov 2024 13:03

Tgt Ion: 136 Resp: 451667
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 8.0 6.5 9.7
68 6.3 5.0 7.6

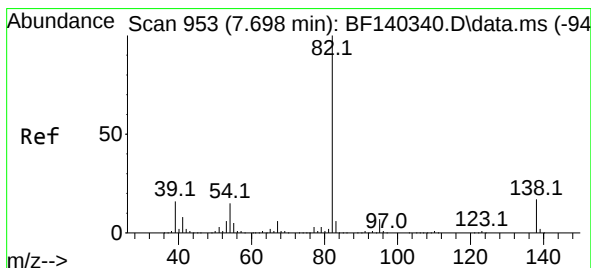
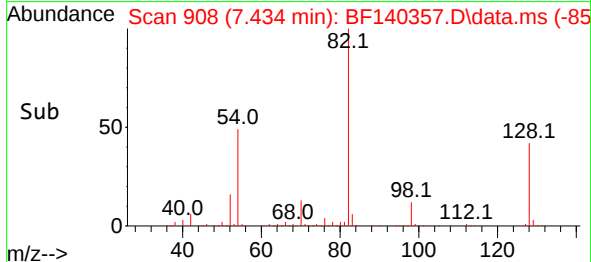
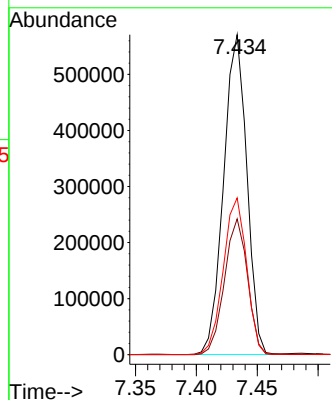
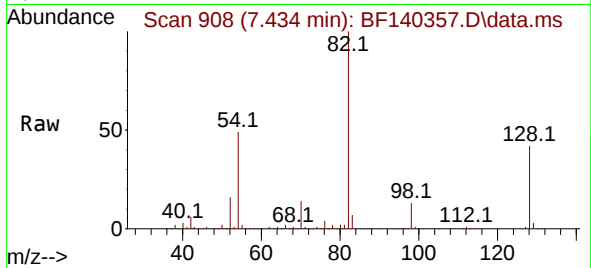




#23
Nitrobenzene-d5
Concen: 87.366 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140357.D
Acq: 14 Nov 2024 13:03

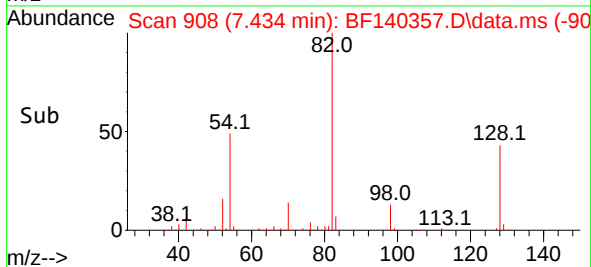
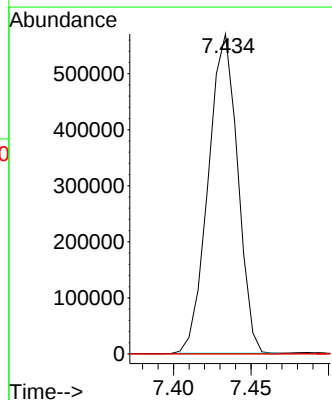
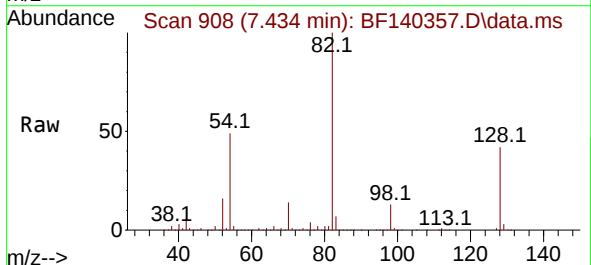
Instrument :
BNA_F
ClientSampleId :
EFF-WW

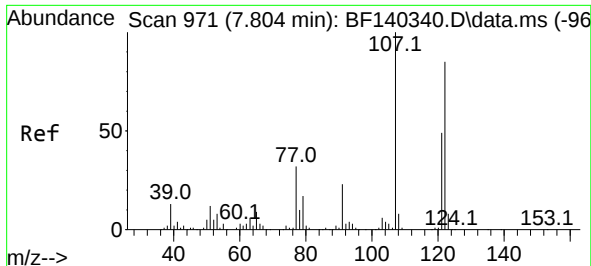
Tgt Ion: 82 Resp: 757360
Ion Ratio Lower Upper
82 100
128 42.4 33.3 49.9
54 49.0 39.8 59.8



#25
Isophorone
Concen: 48.876 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.265 min
Lab File: BF140357.D
Acq: 14 Nov 2024 13:03

Tgt Ion: 82 Resp: 750912
Ion Ratio Lower Upper
82 100
95 0.1 5.9 8.9#
138 0.0 13.4 20.2#

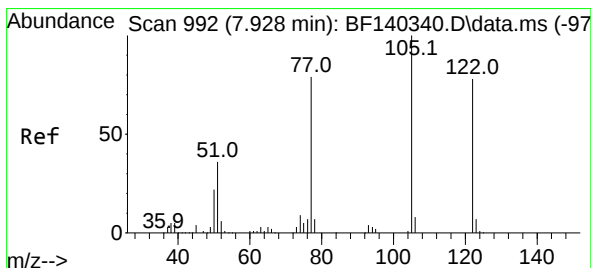
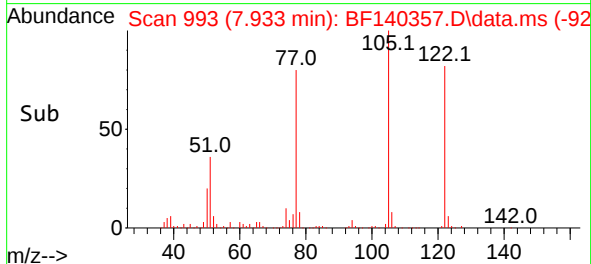
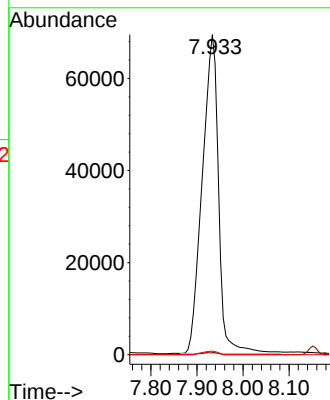
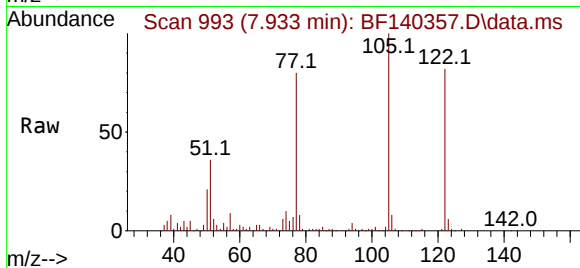




#27
2,4-Dimethylphenol
Concen: 33.321 ng
RT: 7.933 min Scan# 993
Delta R.T. 0.123 min
Lab File: BF140357.D
Acq: 14 Nov 2024 13:03

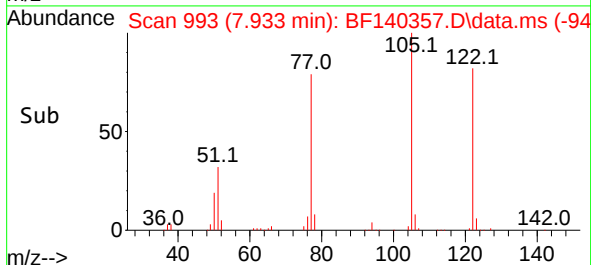
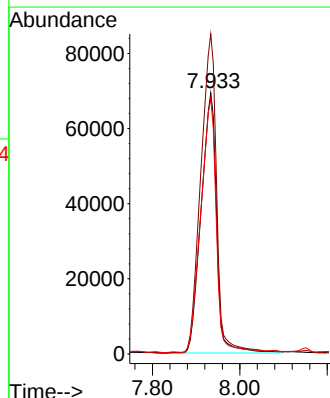
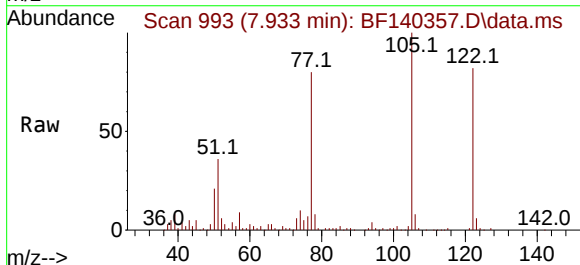
Instrument :
BNA_F
ClientSampleId :
EFF-WW

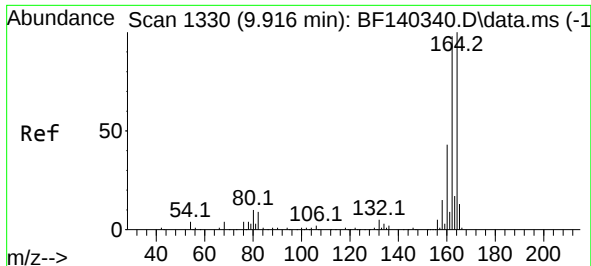
Tgt Ion:122 Resp: 170862
Ion Ratio Lower Upper
122 100
107 0.8 91.3 136.9#
121 1.1 45.5 68.3#



#32
Benzoic acid
Concen: 37.912 ng
RT: 7.933 min Scan# 993
Delta R.T. 0.006 min
Lab File: BF140357.D
Acq: 14 Nov 2024 13:03

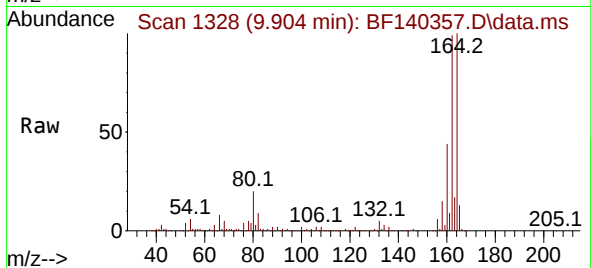
Tgt Ion:122 Resp: 171062
Ion Ratio Lower Upper
122 100
105 122.6 100.9 140.9
77 97.9 76.0 116.0



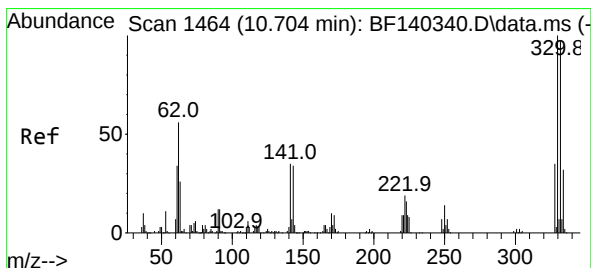
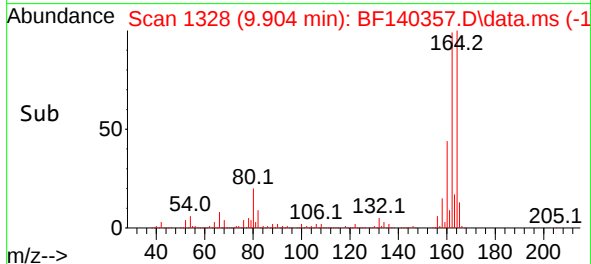
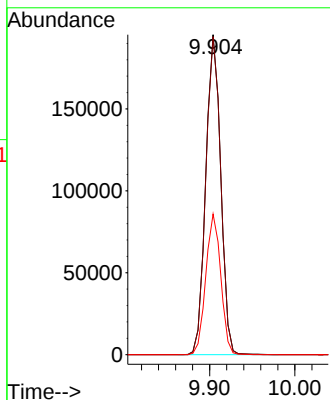


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140357.D
Acq: 14 Nov 2024 13:03

Instrument :
BNA_F
ClientSampleId :
EFF-WW

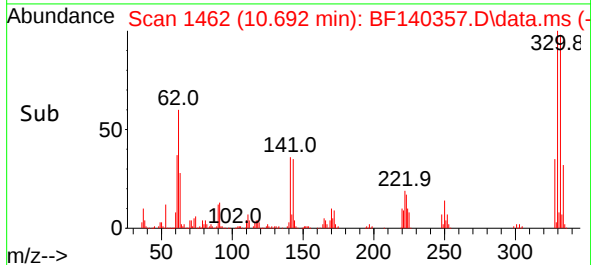
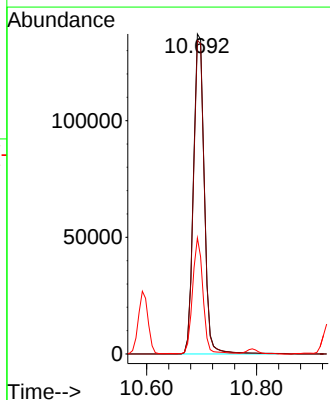
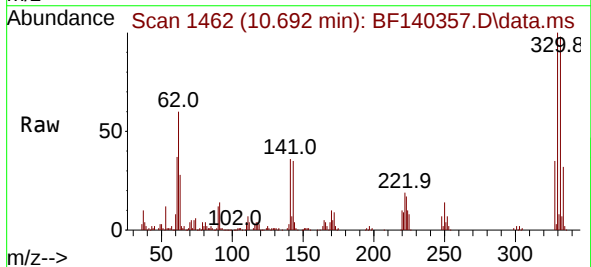


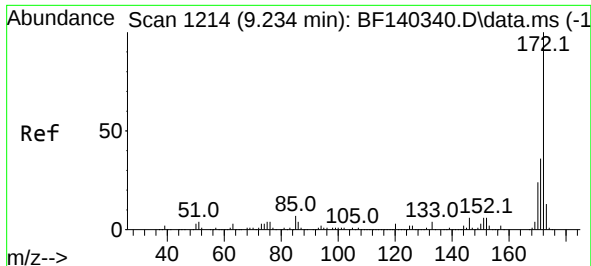
Tgt Ion:164 Resp: 238339
Ion Ratio Lower Upper
164 100
162 99.4 79.8 119.8
160 44.0 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 79.216 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF140357.D
Acq: 14 Nov 2024 13:03

Tgt Ion:330 Resp: 187750
Ion Ratio Lower Upper
330 100
332 98.0 75.9 113.9
141 34.4 26.9 40.3





#45

2-Fluorobiphenyl

Concen: 89.043 ng

RT: 9.227 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140357.D

Acq: 14 Nov 2024 13:03

Instrument :

BNA_F

ClientSampleId :

EFF-WW

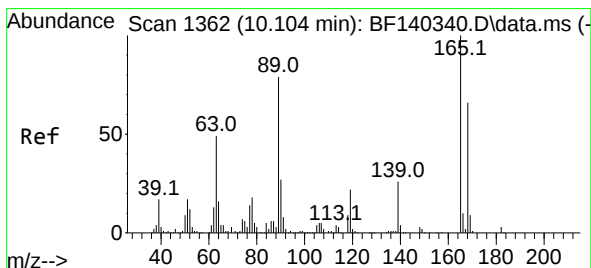
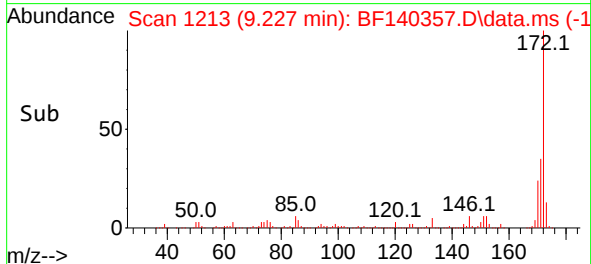
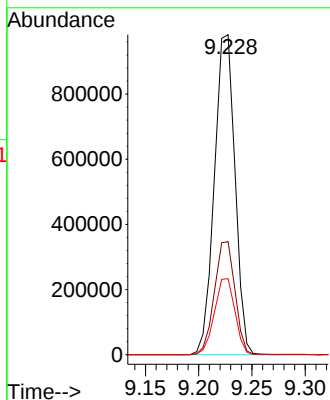
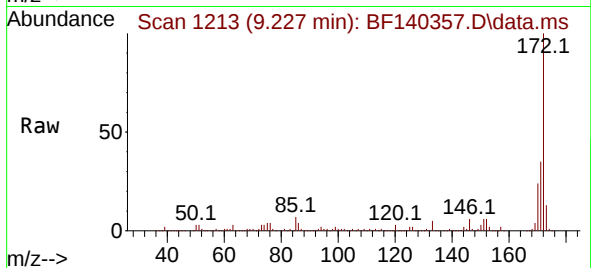
Tgt Ion:172 Resp: 1320167

Ion Ratio Lower Upper

172 100

171 35.3 28.5 42.7

170 23.8 19.1 28.7



#57

2,4-Dinitrotoluene

Concen: 6.742 ng

RT: 9.904 min Scan# 1328

Delta R.T. -0.200 min

Lab File: BF140357.D

Acq: 14 Nov 2024 13:03

Tgt Ion:165 Resp: 31425

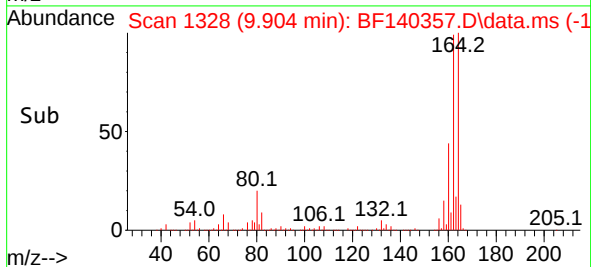
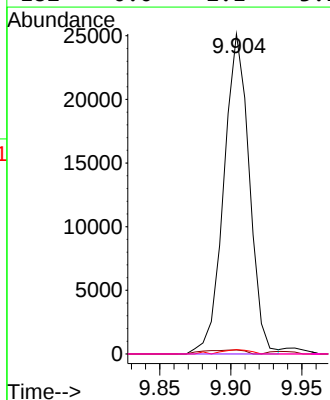
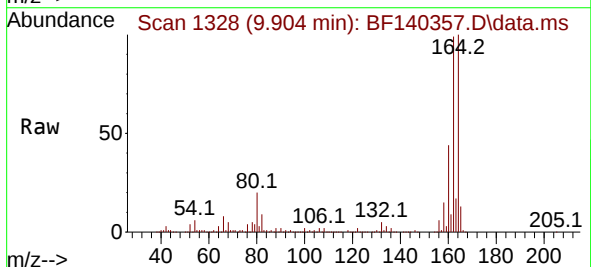
Ion Ratio Lower Upper

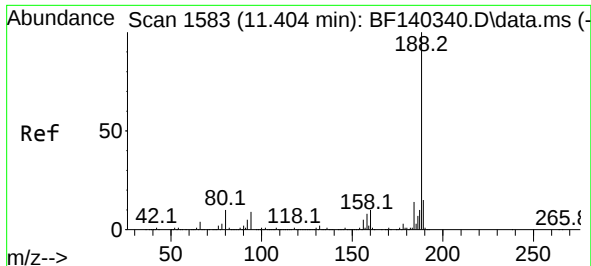
165 100

63 1.2 39.4 59.0#

89 1.4 62.4 93.6#

182 0.0 2.1 3.1#

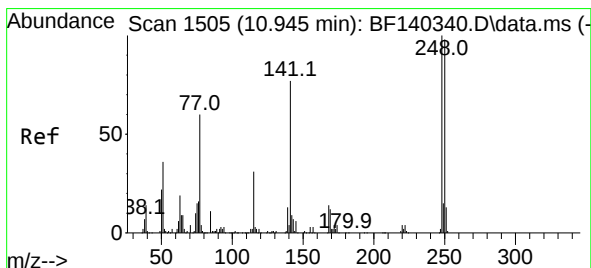
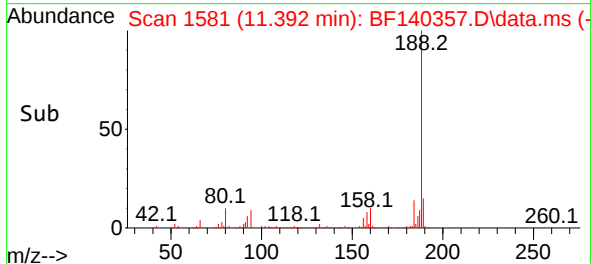
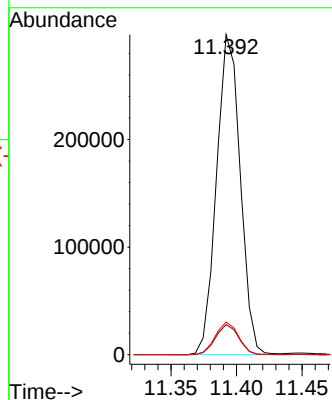
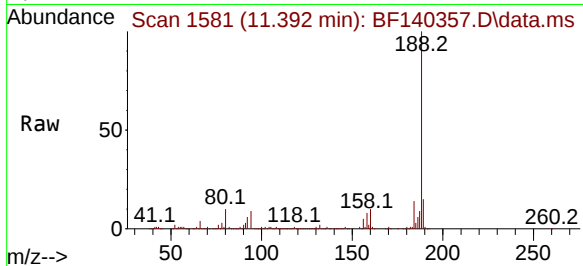




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140357.D
Acq: 14 Nov 2024 13:03

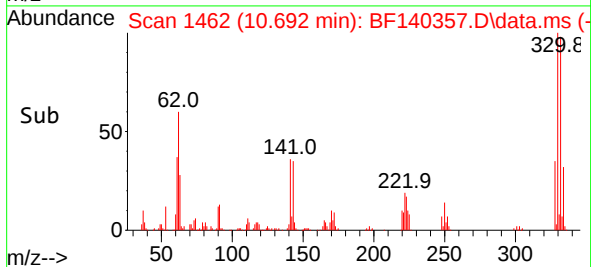
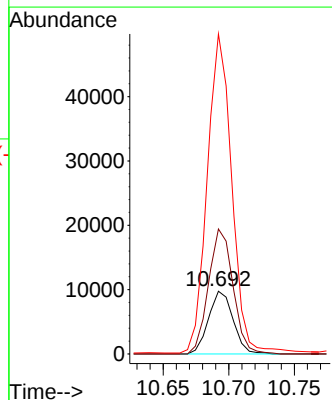
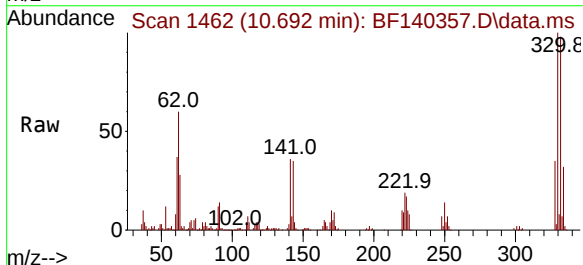
Instrument :
BNA_F
ClientSampleId :
EFF-WW

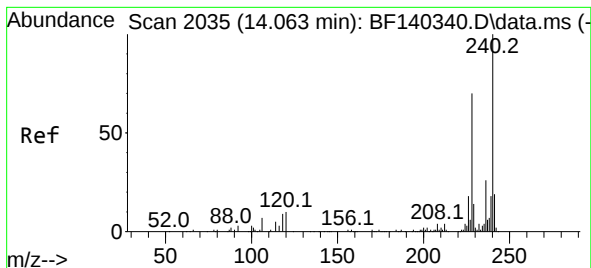
Tgt Ion:188 Resp: 373961
Ion Ratio Lower Upper
188 100
94 9.4 7.6 11.4
80 10.2 8.0 12.0



#67
4-Bromophenyl-phenylether
Concen: 3.399 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.253 min
Lab File: BF140357.D
Acq: 14 Nov 2024 13:03

Tgt Ion:248 Resp: 12707
Ion Ratio Lower Upper
248 100
250 199.3 77.9 116.9#
141 510.5 61.8 92.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2035

Delta R.T. -0.000 min

Lab File: BF140357.D

Acq: 14 Nov 2024 13:03

Instrument :

BNA_F

ClientSampleId :

EFF-WW

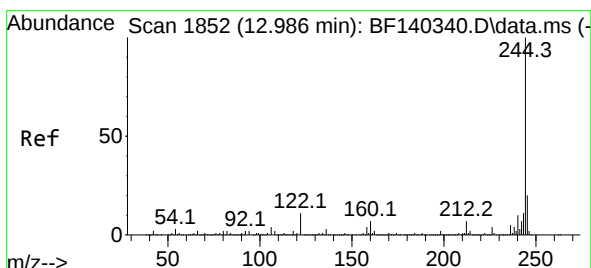
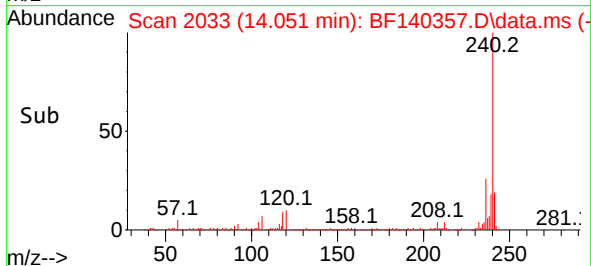
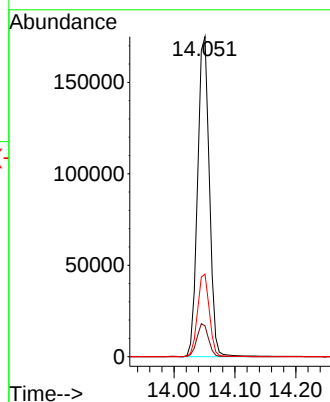
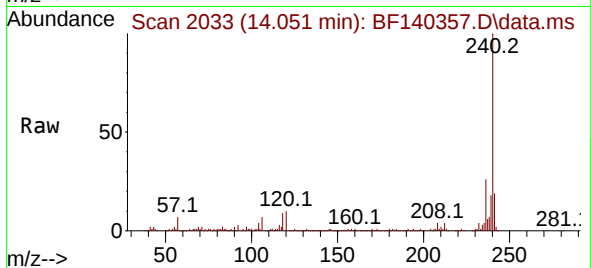
Tgt Ion:240 Resp: 234451

Ion Ratio Lower Upper

240 100

120 9.7 8.8 13.2

236 25.8 20.9 31.3



#79

Terphenyl-d14

Concen: 79.726 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BF140357.D

Acq: 14 Nov 2024 13:03

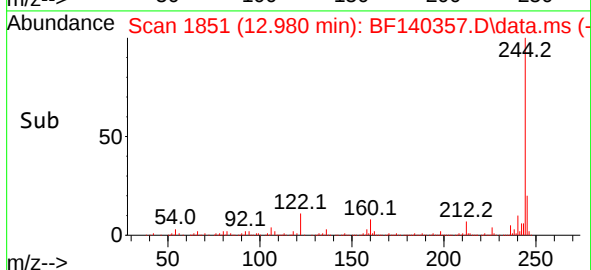
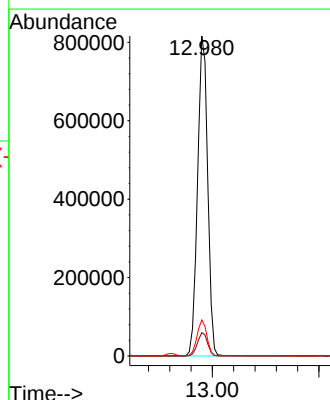
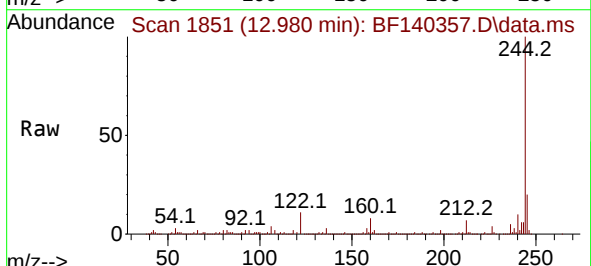
Tgt Ion:244 Resp: 1076853

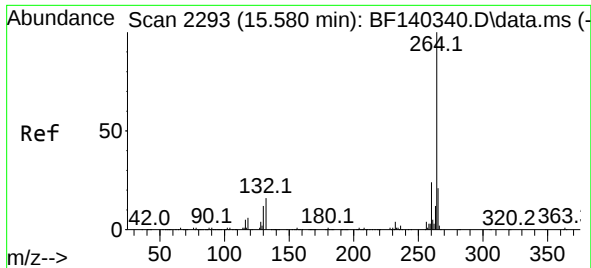
Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 11.3 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.562 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF140357.D
 Acq: 14 Nov 2024 13:03

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Tgt Ion:264 Resp: 231752
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.5 17.1 25.7

