

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140557.D
 Acq On : 22 Nov 2024 00:54
 Operator : RC/JU
 Sample : P4916-01RE
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-WC

Quant Time: Nov 22 01:37:16 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)

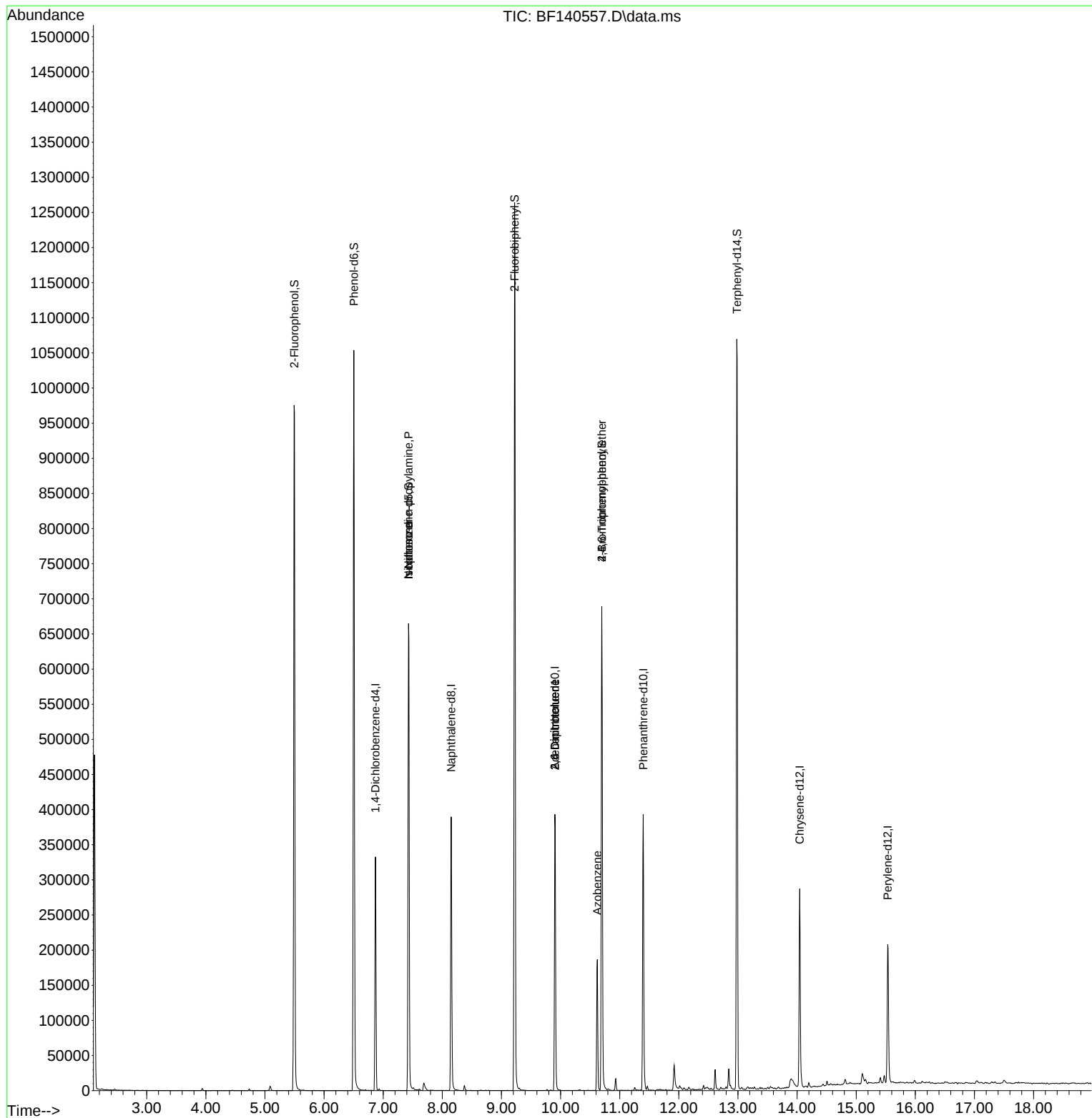
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	68184	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	250536	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	124926	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	218916	20.000	ng	0.00
76) Chrysene-d12	14.045	240	133116	20.000	ng	0.00
86) Perylene-d12	15.533	264	123559	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	374018	93.593	ng	0.00
7) Phenol-d6	6.504	99	479562	90.773	ng	-0.01
23) Nitrobenzene-d5	7.428	82	312943	63.892	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	116113	86.905	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	573204	68.364	ng	-0.01
79) Terphenyl-d14	12.986	244	534327	62.503	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	42353	13.565	ng	# 76
25) Isophorone	7.428	82	308115	37.715	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	16271	8.720	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	16271	6.561	ng	# 18
63) Azobenzene	10.621	77	51740	6.536	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	7464	3.311	ng	# 1

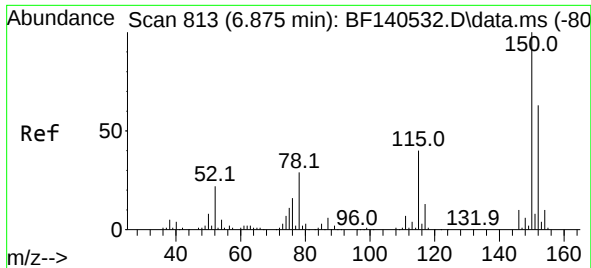
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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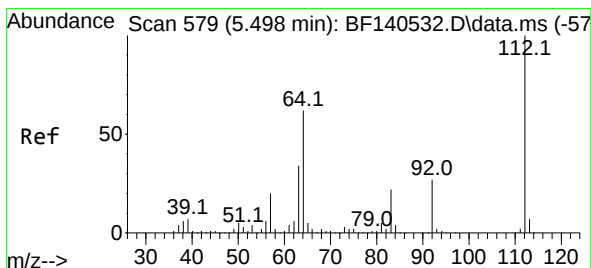
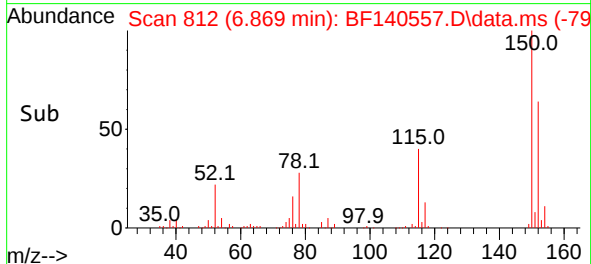
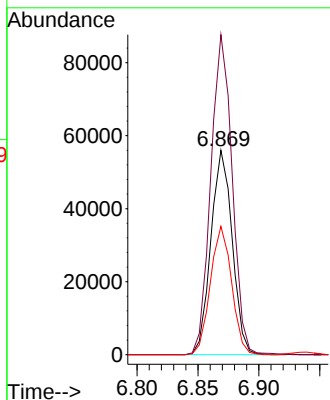
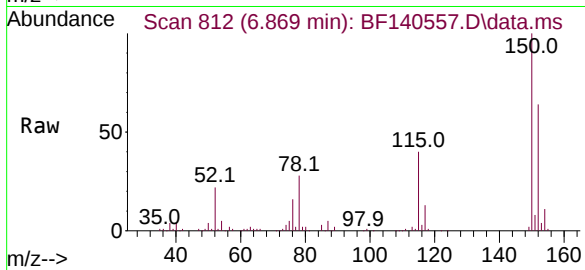




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140557.D
Acq: 22 Nov 2024 00:54

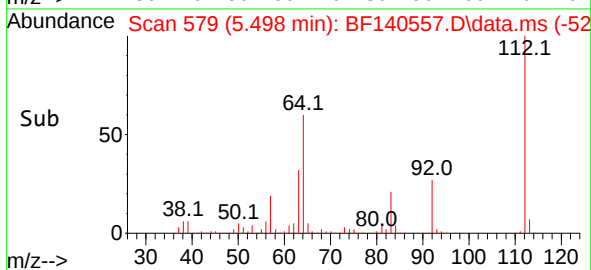
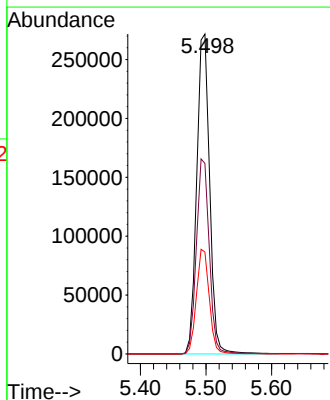
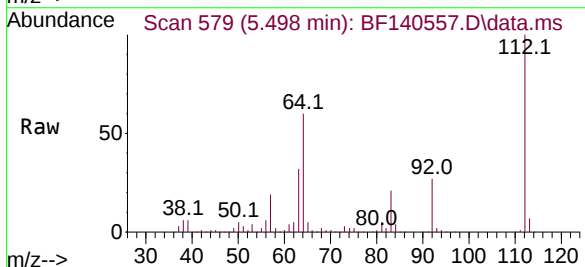
Instrument :
BNA_F
ClientSampleId :
TP-1-WC

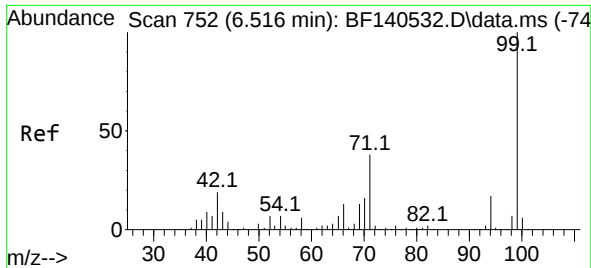
Tgt Ion:152 Resp: 68184
Ion Ratio Lower Upper
152 100
150 156.6 128.5 192.7
115 62.8 50.2 75.4



#5
2-Fluorophenol
Concen: 93.593 ng
RT: 5.498 min Scan# 579
Delta R.T. -0.000 min
Lab File: BF140557.D
Acq: 22 Nov 2024 00:54

Tgt Ion:112 Resp: 374018
Ion Ratio Lower Upper
112 100
64 59.5 49.2 73.8
63 31.9 27.0 40.4

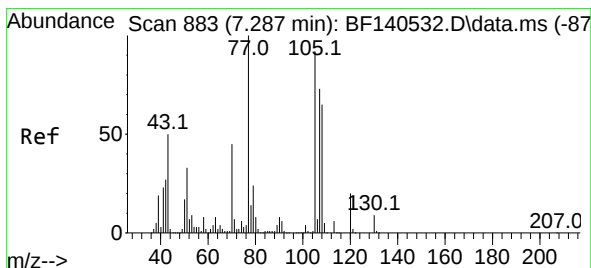
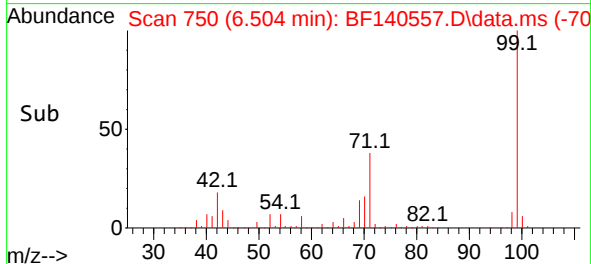
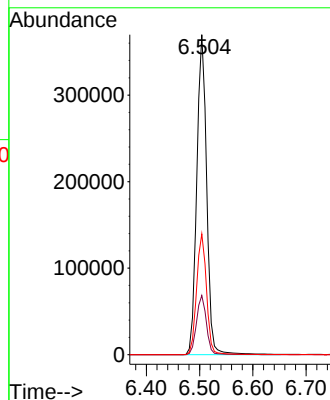
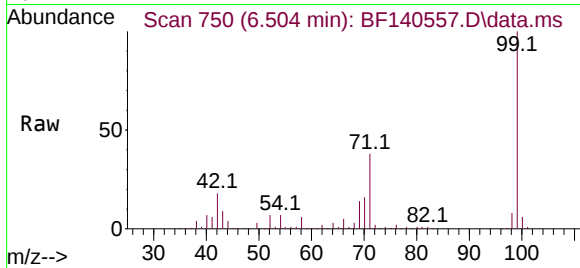




#7
Phenol-d6
Concen: 90.773 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140557.D
Acq: 22 Nov 2024 00:54

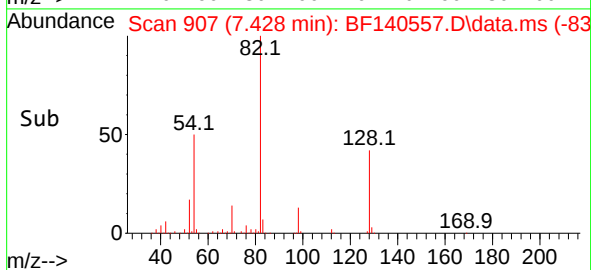
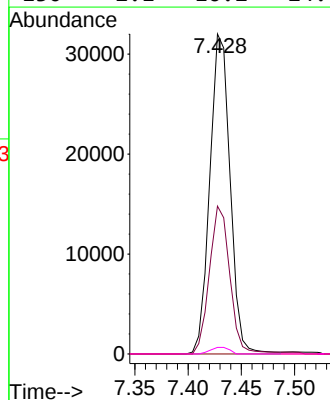
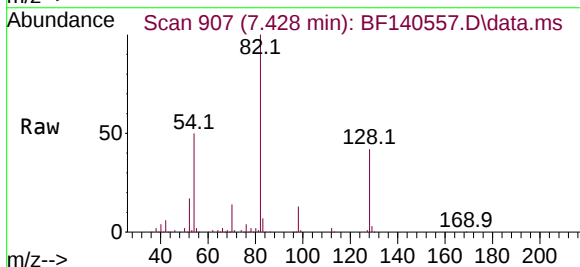
Instrument :
BNA_F
ClientSampleId :
TP-1-WC

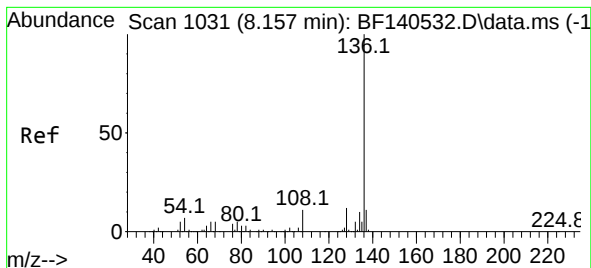
Tgt Ion: 99 Resp: 479562
Ion Ratio Lower Upper
99 100
42 18.5 15.4 23.0
71 37.8 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 13.565 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF140557.D
Acq: 22 Nov 2024 00:54

Tgt Ion: 70 Resp: 42353
Ion Ratio Lower Upper
70 100
42 46.2 47.6 71.4#
101 0.0 7.6 11.4#
130 2.1 16.2 24.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140557.D

Acq: 22 Nov 2024 00:54

Instrument :

BNA_F

ClientSampleId :

TP-1-WC

Tgt Ion:136 Resp: 250536

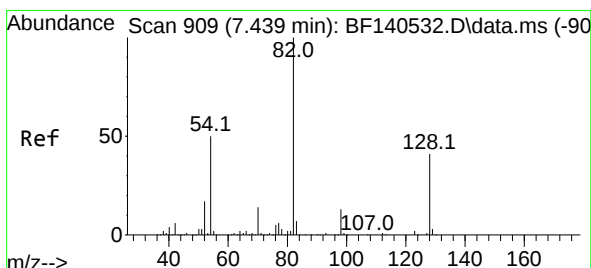
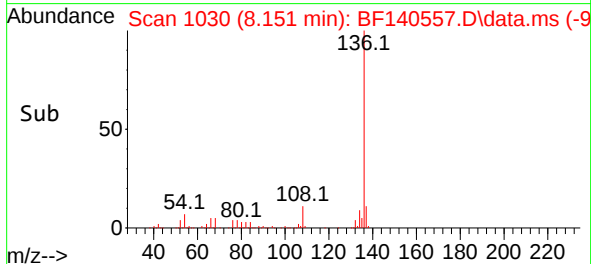
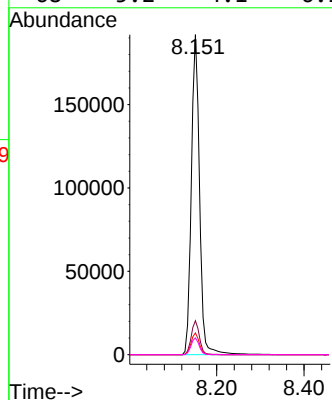
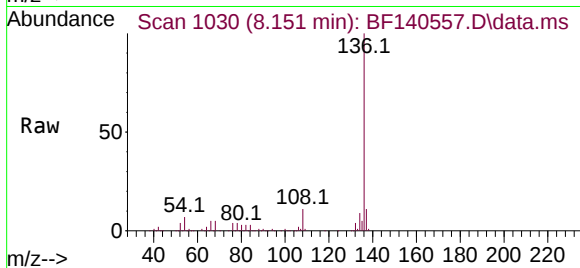
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 6.8 5.8 8.8

68 5.2 4.1 6.1



#23

Nitrobenzene-d5

Concen: 63.892 ng

RT: 7.428 min Scan# 907

Delta R.T. -0.012 min

Lab File: BF140557.D

Acq: 22 Nov 2024 00:54

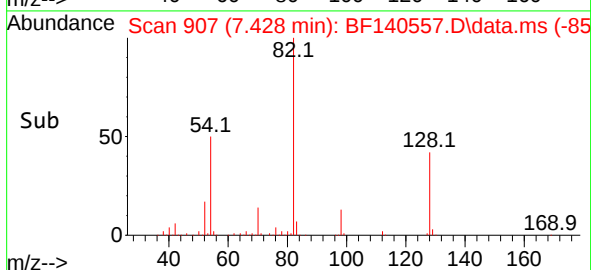
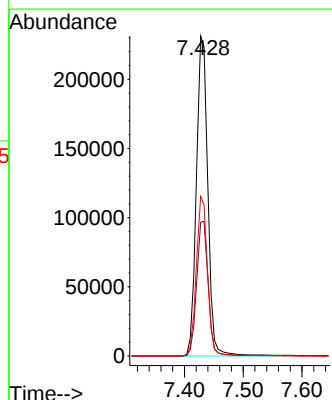
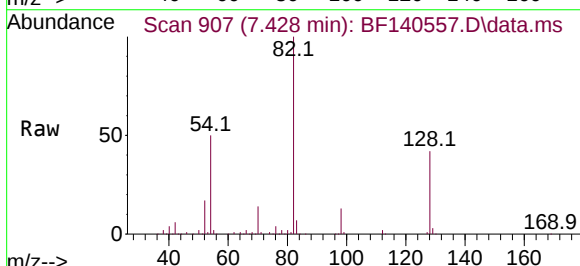
Tgt Ion: 82 Resp: 312943

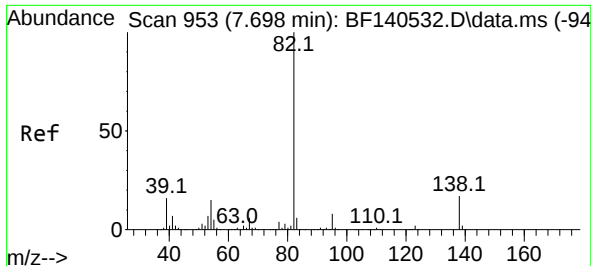
Ion Ratio Lower Upper

82 100

128 41.8 33.0 49.4

54 49.9 39.5 59.3

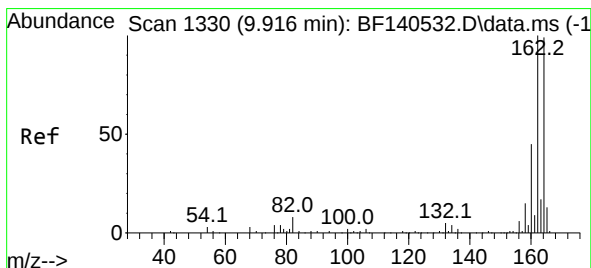
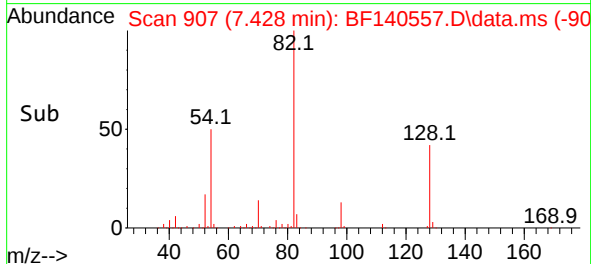
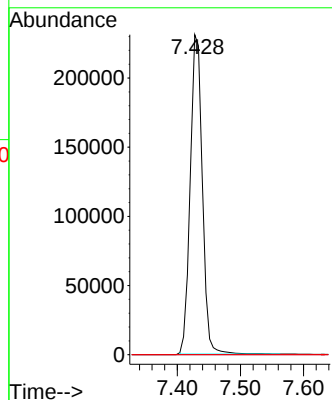
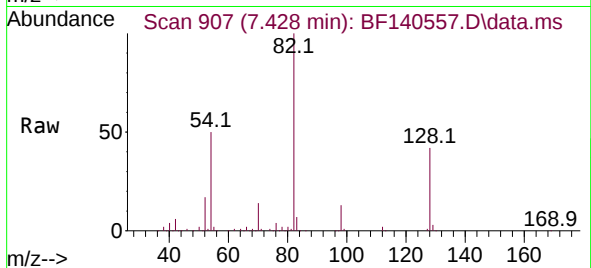




#25
Isophorone
Concen: 37.715 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF140557.D
Acq: 22 Nov 2024 00:54

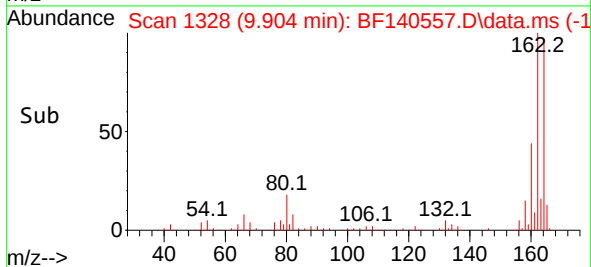
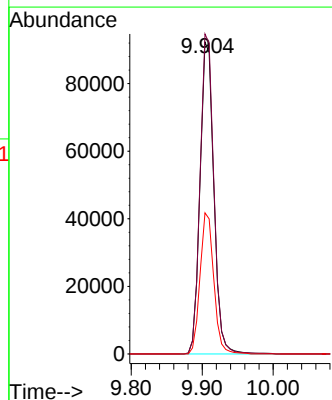
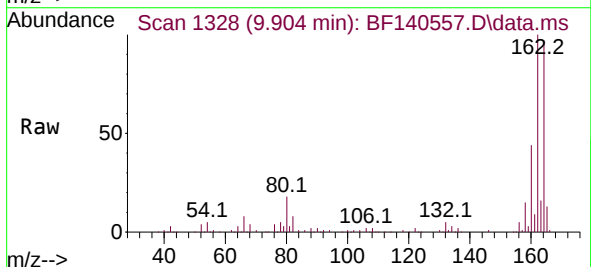
Instrument :
BNA_F
ClientSampleId :
TP-1-WC

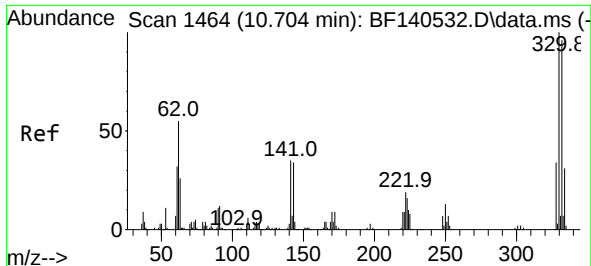
Tgt Ion: 82 Resp: 308115
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140557.D
Acq: 22 Nov 2024 00:54

Tgt Ion:164 Resp: 124926
Ion Ratio Lower Upper
164 100
162 102.6 80.6 120.8
160 45.2 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 86.905 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140557.D

Acq: 22 Nov 2024 00:54

Instrument :

BNA_F

ClientSampleId :

TP-1-WC

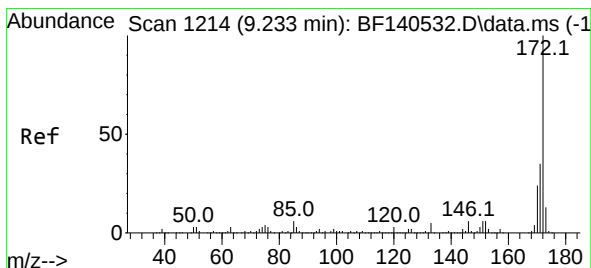
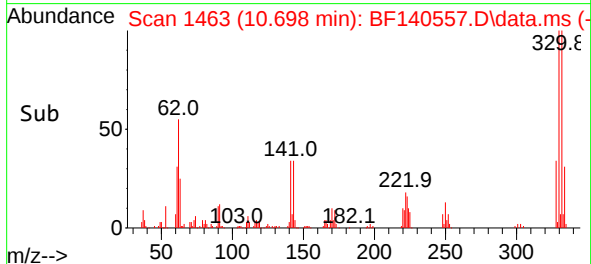
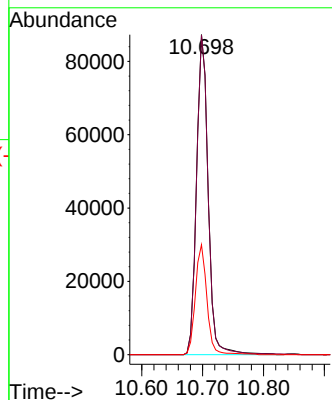
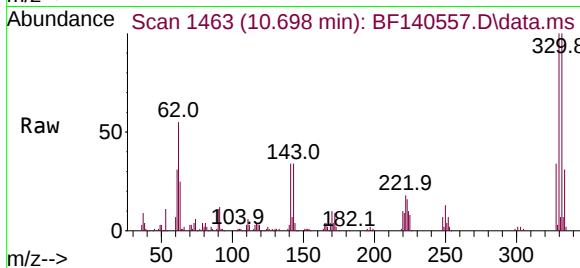
Tgt Ion:330 Resp: 116113

Ion Ratio Lower Upper

330 100

332 98.9 76.9 115.3

141 34.1 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 68.364 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF140557.D

Acq: 22 Nov 2024 00:54

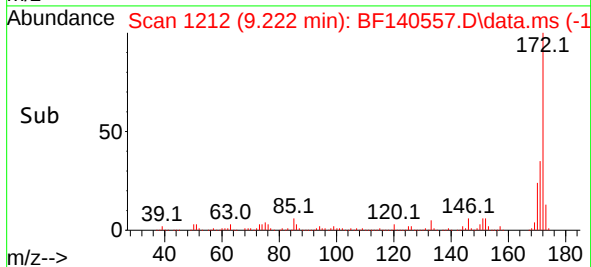
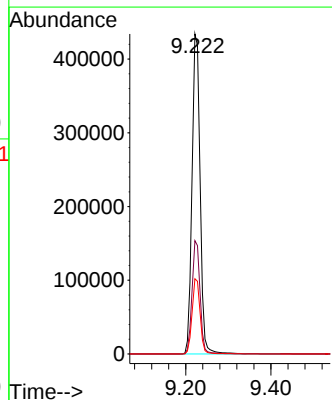
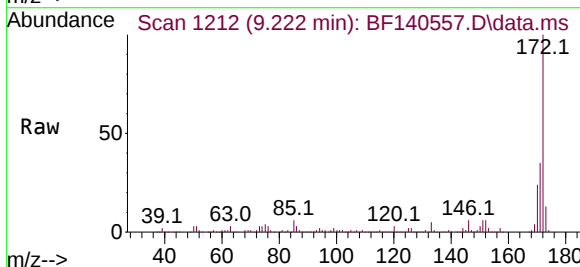
Tgt Ion:172 Resp: 573204

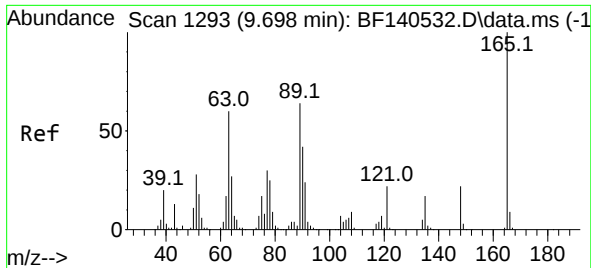
Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.5 19.0 28.6

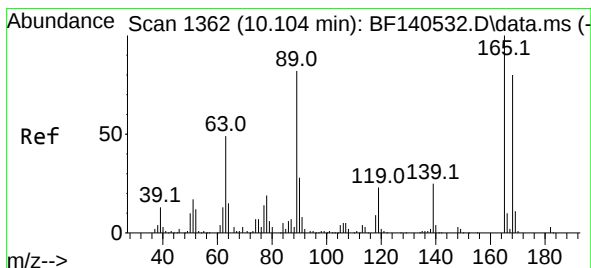
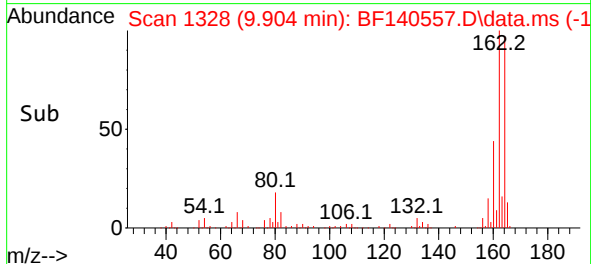
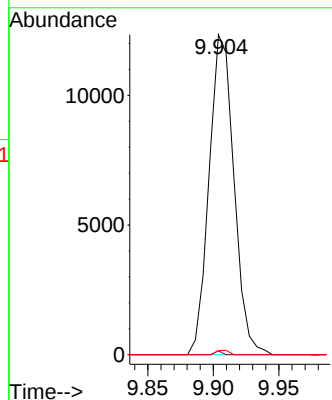
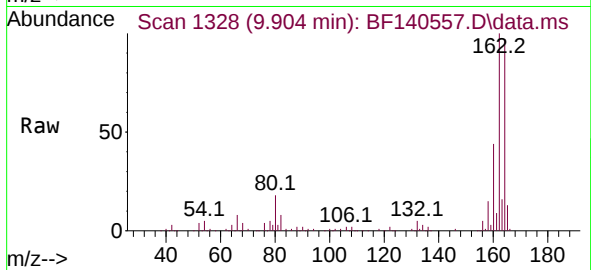




#51
2,6-Dinitrotoluene
Concen: 8.720 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140557.D
Acq: 22 Nov 2024 00:54

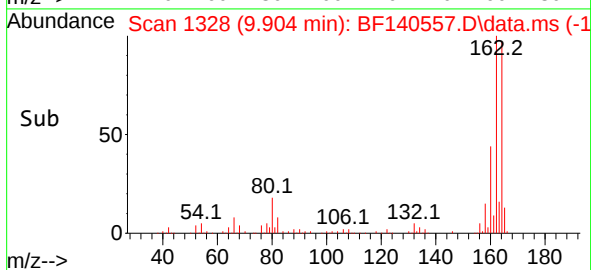
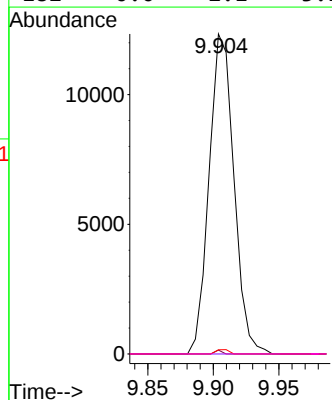
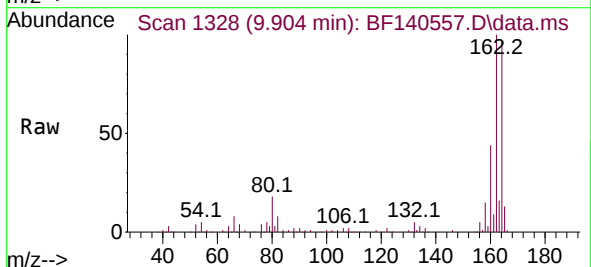
Instrument :
BNA_F
ClientSampleId :
TP-1-WC

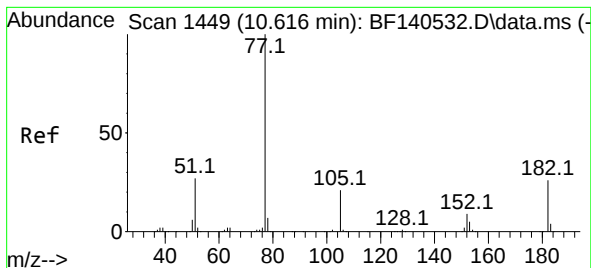
Tgt Ion:165 Resp: 16271
Ion Ratio Lower Upper
165 100
63 1.2 49.9 74.9#
89 1.3 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 6.561 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF140557.D
Acq: 22 Nov 2024 00:54

Tgt Ion:165 Resp: 16271
Ion Ratio Lower Upper
165 100
63 1.2 41.7 62.5#
89 1.3 65.8 98.8#
182 0.0 2.1 3.1#





#63

Azobenzene

Concen: 6.536 ng

RT: 10.621 min Scan# 1449

Delta R.T. 0.006 min

Lab File: BF140557.D

Acq: 22 Nov 2024 00:54

Instrument :

BNA_F

ClientSampleId :

TP-1-WC

Tgt Ion: 77 Resp: 51740

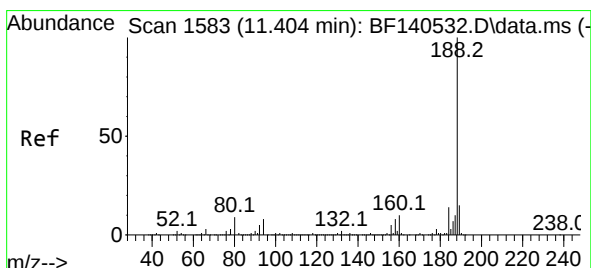
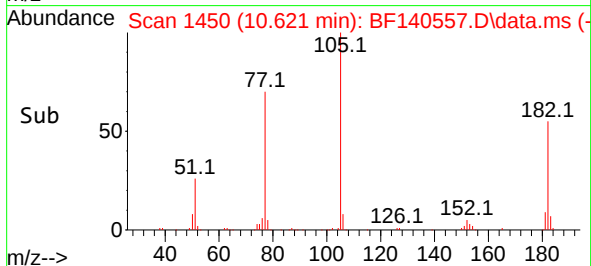
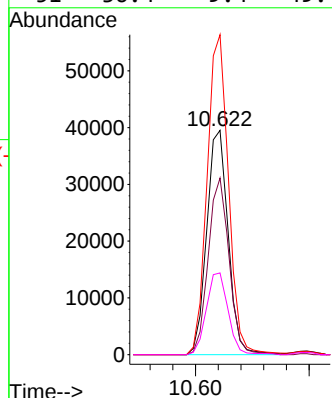
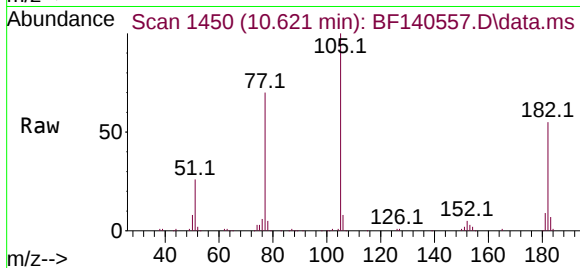
Ion Ratio Lower Upper

77 100

182 78.8 5.3 45.3#

105 142.7 0.3 40.3#

51 36.4 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: BF140557.D

Acq: 22 Nov 2024 00:54

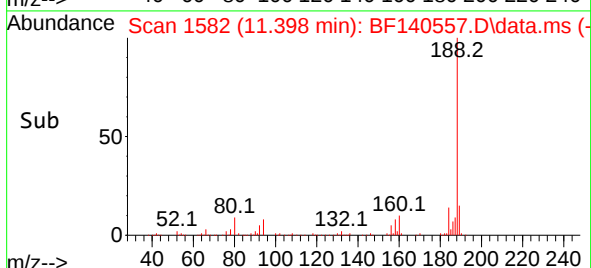
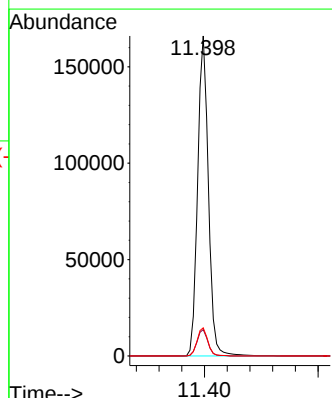
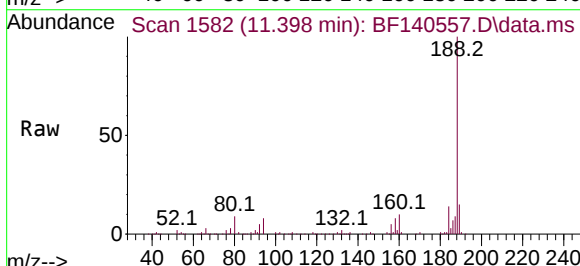
Tgt Ion: 188 Resp: 218916

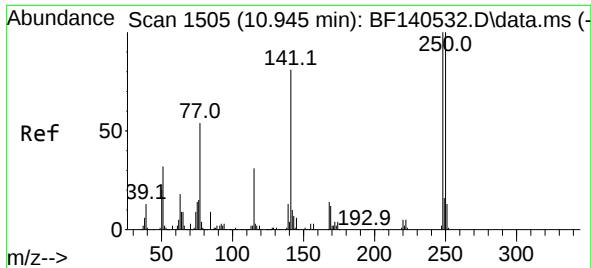
Ion Ratio Lower Upper

188 100

94 8.3 6.4 9.6

80 8.8 6.9 10.3

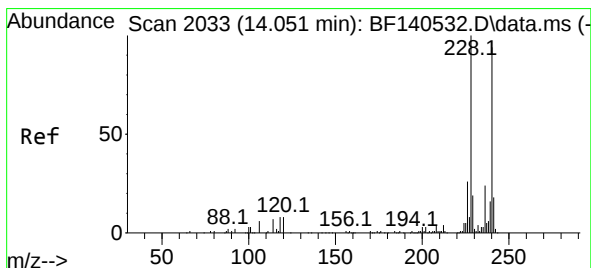
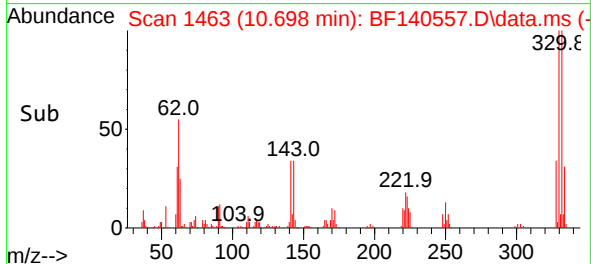
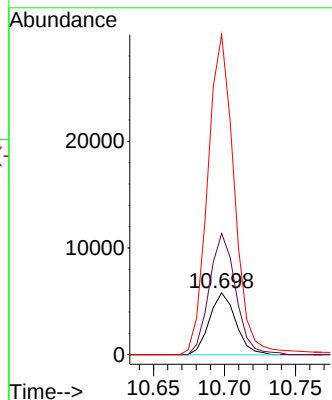
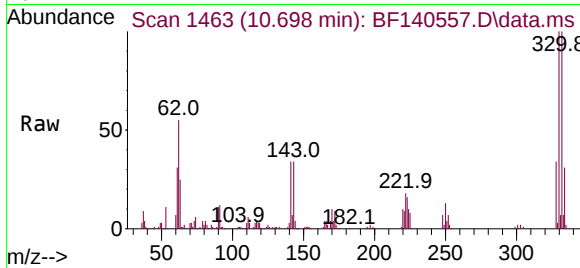




#67
4-Bromophenyl-phenylether
Concen: 3.311 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140557.D
Acq: 22 Nov 2024 00:54

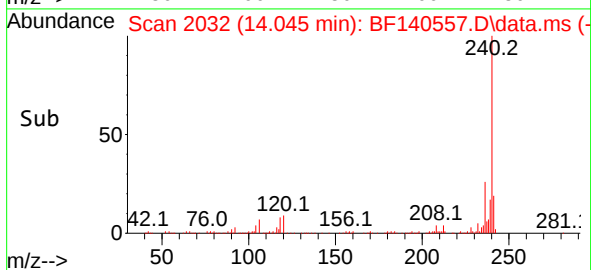
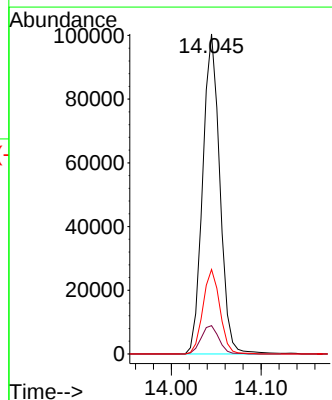
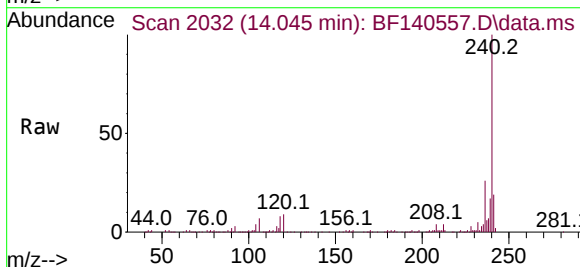
Instrument :
BNA_F
ClientSampleId :
TP-1-WC

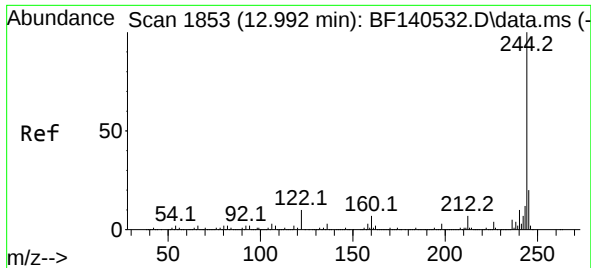
Tgt Ion:248 Resp: 7464
Ion Ratio Lower Upper
248 100
250 196.4 79.8 119.8#
141 518.6 64.7 97.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140557.D
Acq: 22 Nov 2024 00:54

Tgt Ion:240 Resp: 133116
Ion Ratio Lower Upper
240 100
120 8.9 7.3 10.9
236 26.4 20.6 31.0

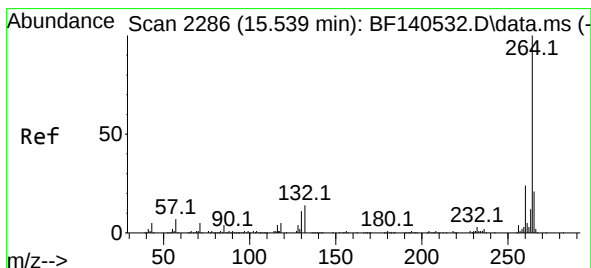
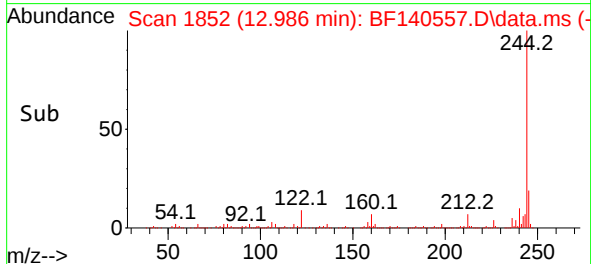
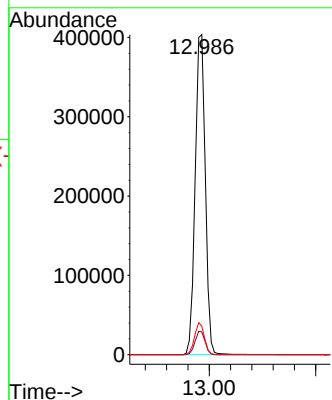
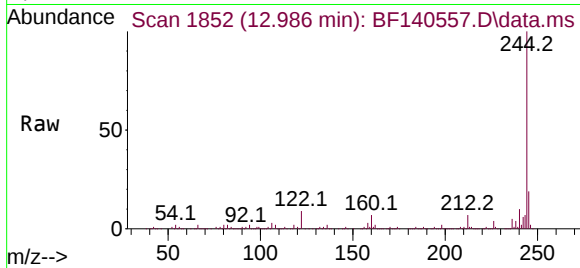




#79
 Terphenyl-d14
 Concen: 62.503 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF140557.D
 Acq: 22 Nov 2024 00:54

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-WC

Tgt Ion:244 Resp: 534327
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 8.9 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: BF140557.D
 Acq: 22 Nov 2024 00:54

Tgt Ion:264 Resp: 123559
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.0 28.6
 265 21.7 16.6 25.0

