

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
 Data File : BF140142.D
 Acq On : 30 Oct 2024 05:32
 Operator : RC/JU
 Sample : P4594-08
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-F17

Quant Time: Oct 30 05:57:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

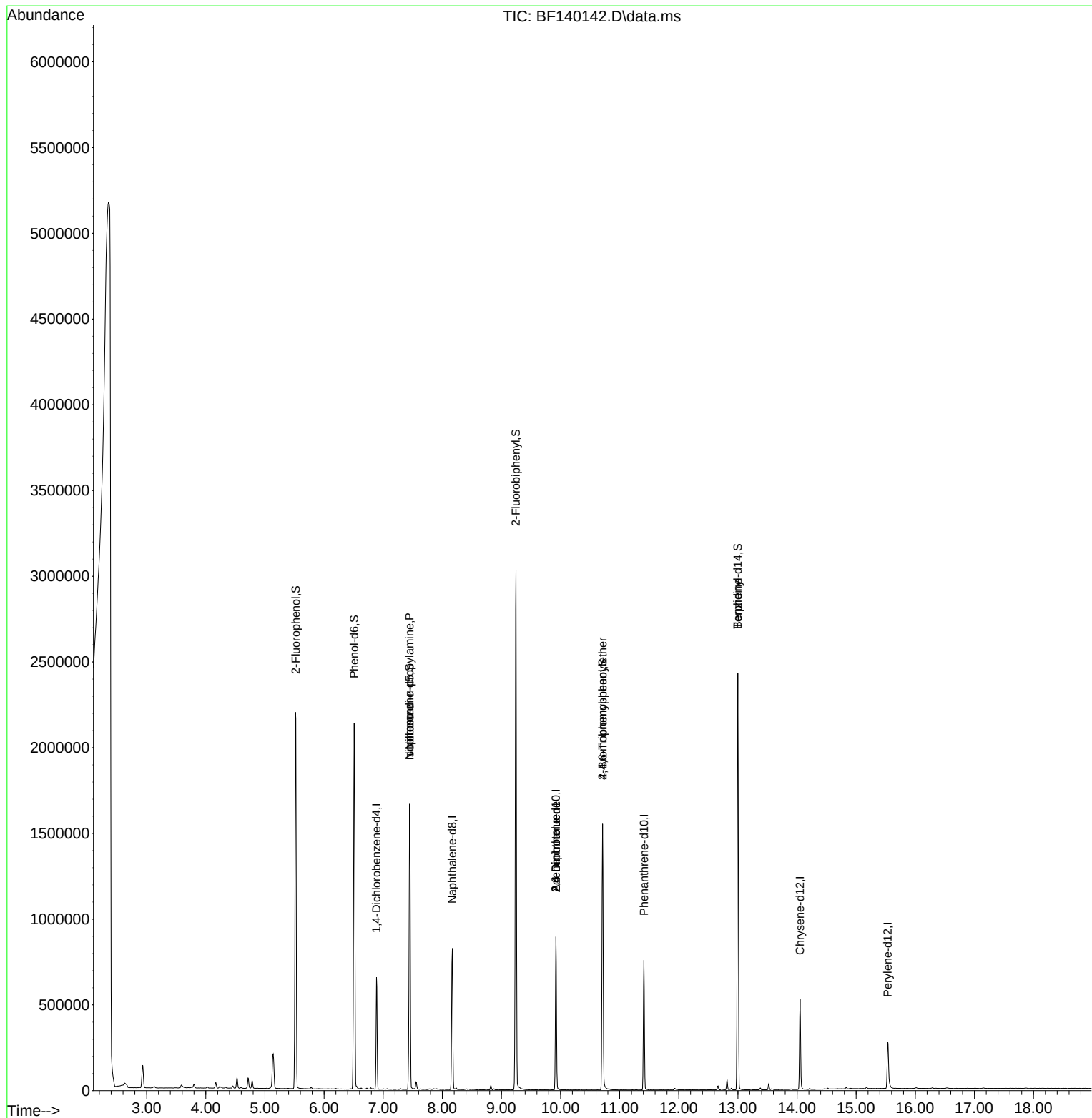
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	129375	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	507430	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	266364	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	401322	20.000	ng	0.00
76) Chrysene-d12	14.051	240	255998	20.000	ng	0.00
86) Perylene-d12	15.533	264	188586	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	855705	103.544	ng	0.02
7) Phenol-d6	6.510	99	1022063	95.489	ng	0.00
23) Nitrobenzene-d5	7.445	82	804957	87.921	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	270872	108.719	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1427864	88.594	ng	0.00
79) Terphenyl-d14	12.998	244	1229958	78.289	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	110997	17.098	ng	# 77
25) Isophorone	7.445	82	799316	45.998	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	34747	9.673	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	34747	7.866	ng	# 21
67) 4-Bromophenyl-phenylether	10.710	248	17260	4.175	ng	# 1
77) Benzidine	12.998	184	15433	3.666	ng	# 96

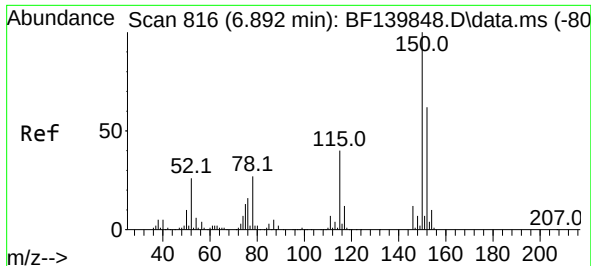
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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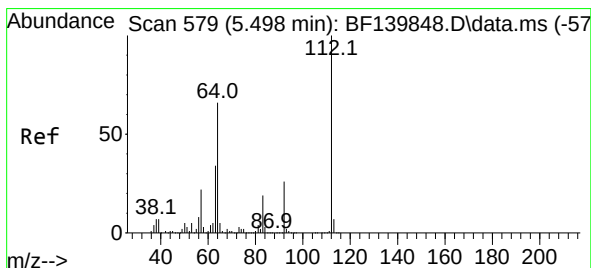
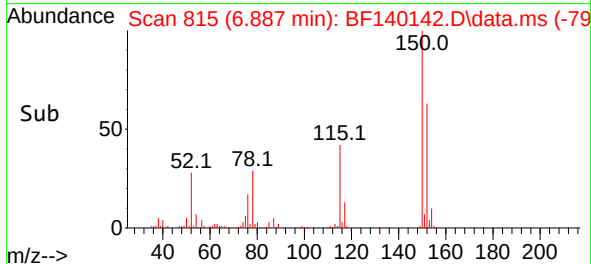
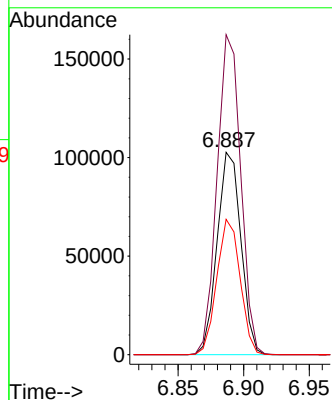
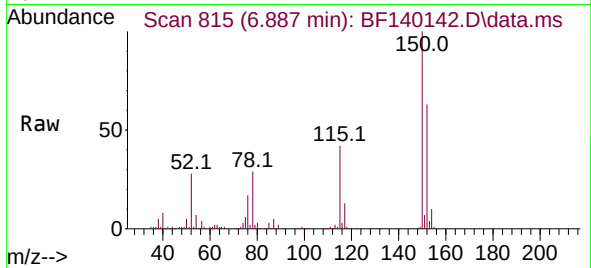




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140142.D
Acq: 30 Oct 2024 05:32

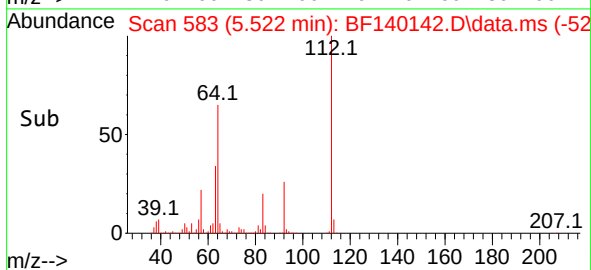
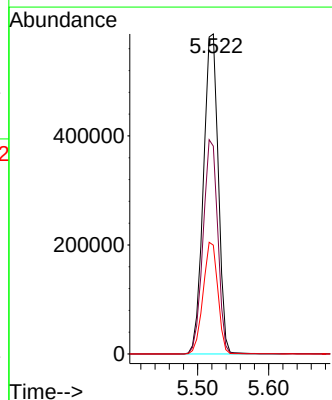
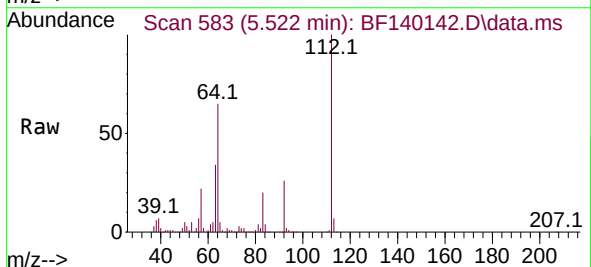
Instrument :
BNA_F
ClientSampleId :
BP-F17

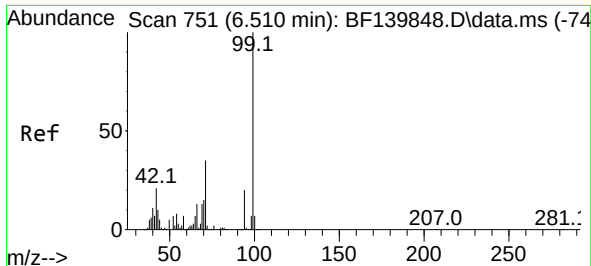
Tgt Ion:152 Resp: 129375
Ion Ratio Lower Upper
152 100
150 158.1 130.2 195.2
115 66.9 51.4 77.2



#5
2-Fluorophenol
Concen: 103.544 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.024 min
Lab File: BF140142.D
Acq: 30 Oct 2024 05:32

Tgt Ion:112 Resp: 855705
Ion Ratio Lower Upper
112 100
64 64.9 53.0 79.6
63 34.0 27.0 40.4





#7
Phenol-d6
Concen: 95.489 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140142.D
Acq: 30 Oct 2024 05:32

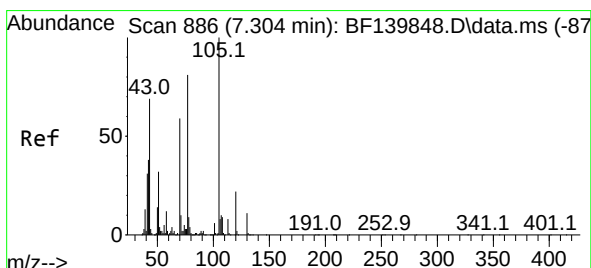
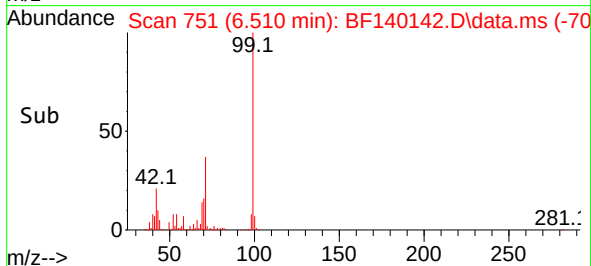
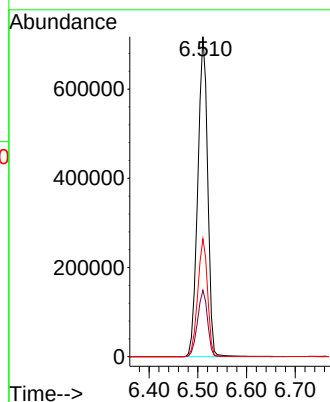
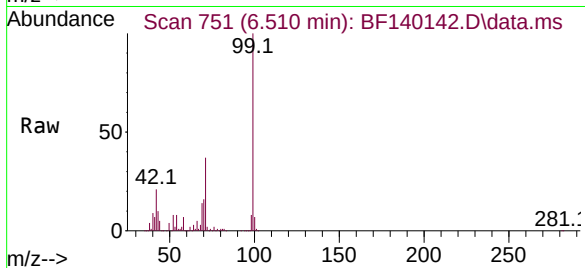
Instrument :

BNA_F

ClientSampleId :

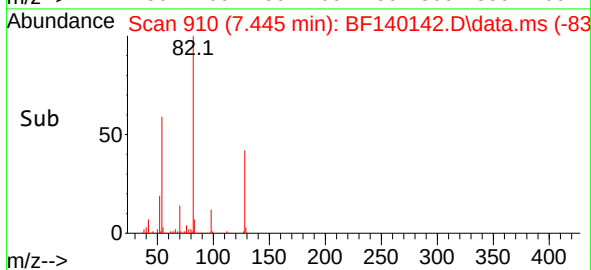
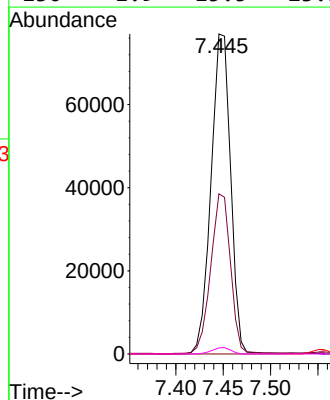
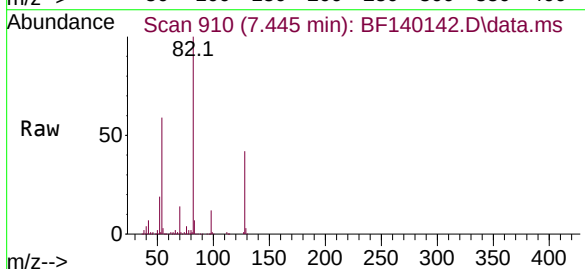
BP-F17

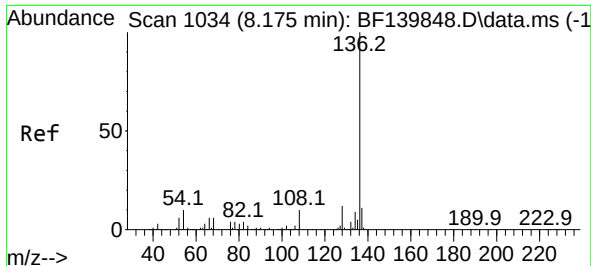
Tgt Ion: 99 Resp: 1022063
Ion Ratio Lower Upper
99 100
42 20.7 16.7 25.1
71 36.9 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.098 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF140142.D
Acq: 30 Oct 2024 05:32

Tgt Ion: 70 Resp: 110997
Ion Ratio Lower Upper
70 100
42 50.0 51.5 77.3#
101 0.0 7.5 11.3#
130 1.9 15.5 23.3#



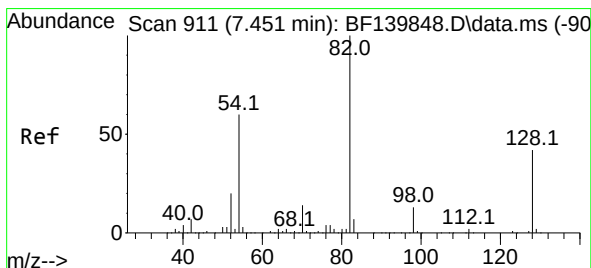
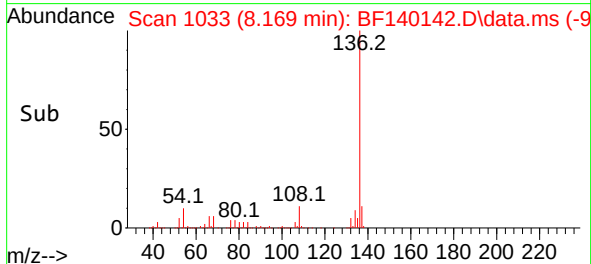
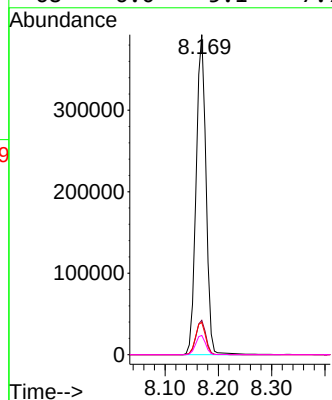
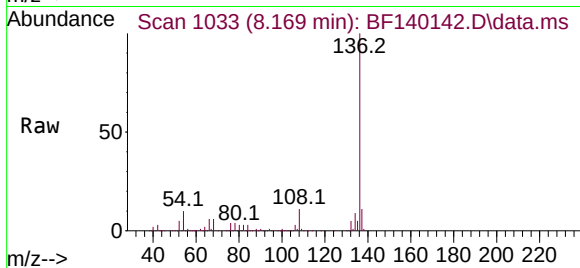


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF140142.D
Acq: 30 Oct 2024 05:32

Instrument :
BNA_F
ClientSampleId :
BP-F17

Tgt Ion:136 Resp: 507430

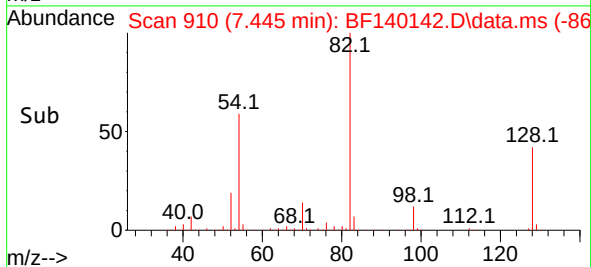
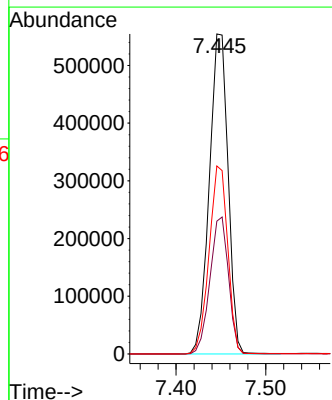
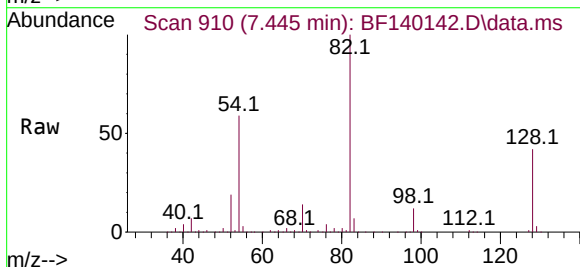
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	10.0	8.4	12.6
68	6.0	5.1	7.7

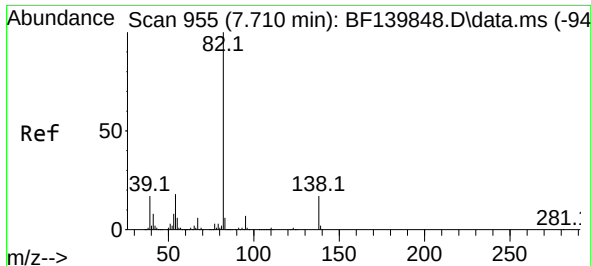


#23
Nitrobenzene-d5
Concen: 87.921 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF140142.D
Acq: 30 Oct 2024 05:32

Tgt Ion: 82 Resp: 804957

Ion	Ratio	Lower	Upper
82	100		
128	41.5	33.4	50.0
54	58.8	47.8	71.8

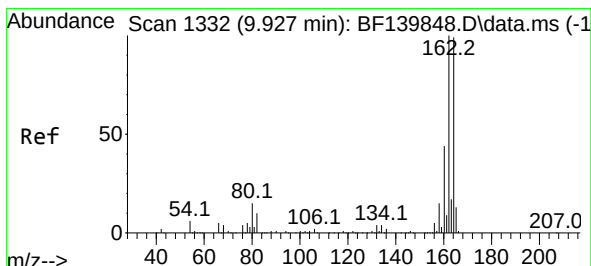
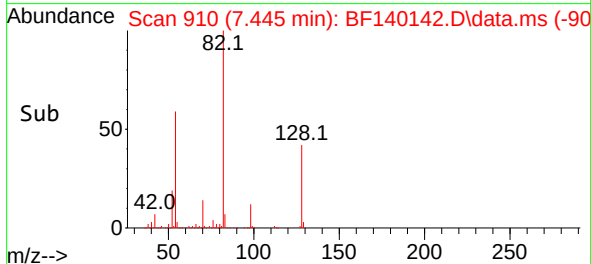
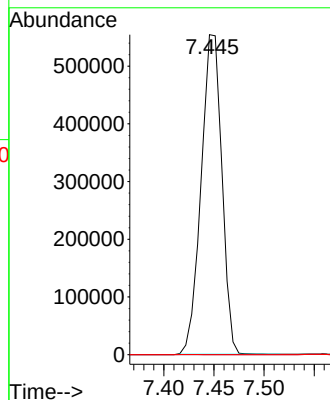
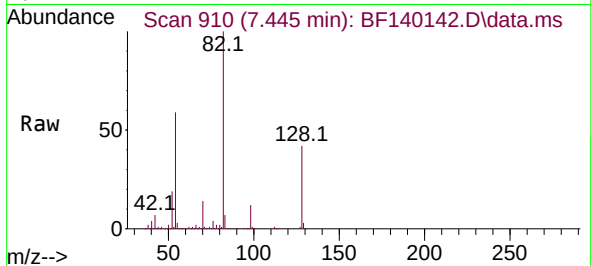




#25
Isophorone
Concen: 45.998 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.265 min
Lab File: BF140142.D
Acq: 30 Oct 2024 05:32

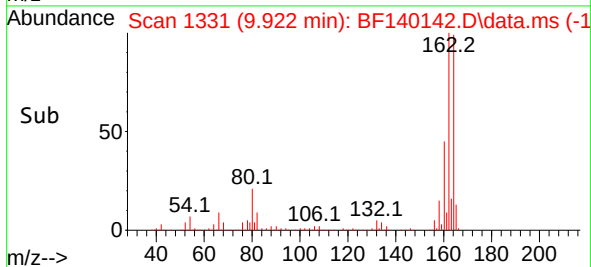
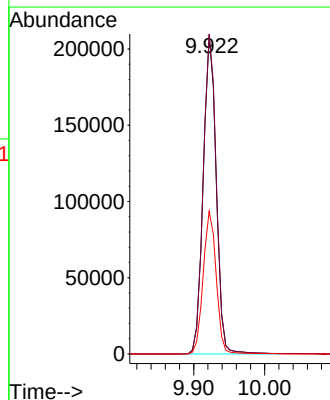
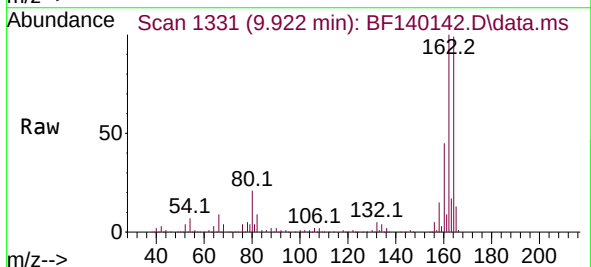
Instrument :
BNA_F
ClientSampleId :
BP-F17

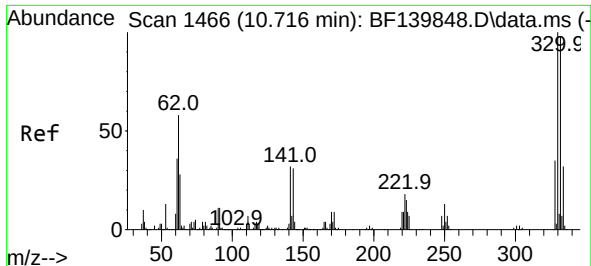
Tgt Ion: 82 Resp: 799316
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140142.D
Acq: 30 Oct 2024 05:32

Tgt Ion: 164 Resp: 266364
Ion Ratio Lower Upper
164 100
162 100.7 81.0 121.4
160 44.9 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 108.719 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF140142.D

Acq: 30 Oct 2024 05:32

Instrument :

BNA_F

ClientSampleId :

BP-F17

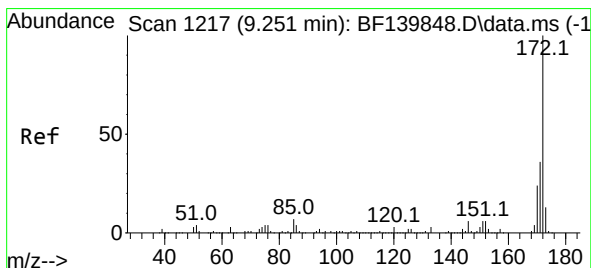
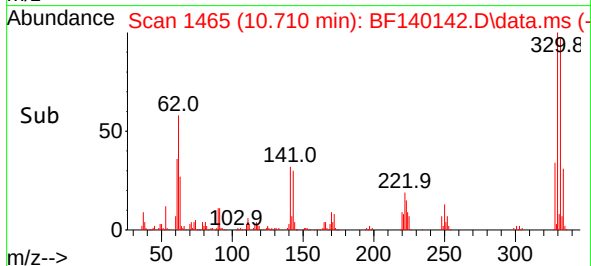
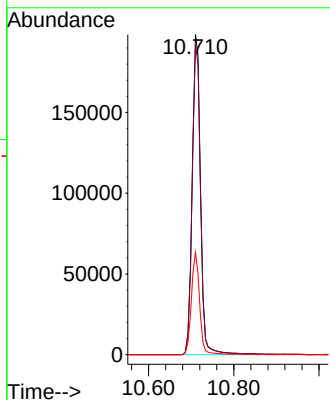
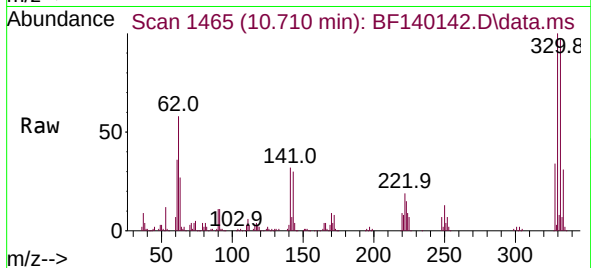
Tgt Ion:330 Resp: 270872

Ion Ratio Lower Upper

330 100

332 97.3 78.1 117.1

141 31.6 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 88.594 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140142.D

Acq: 30 Oct 2024 05:32

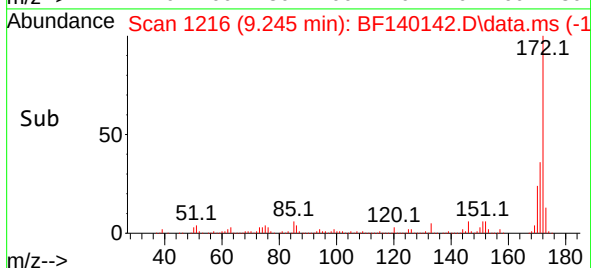
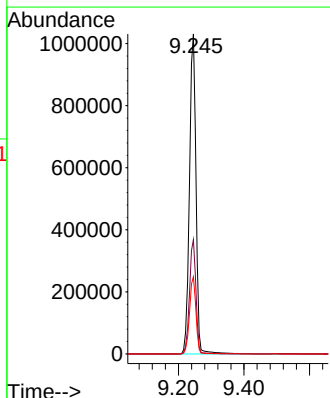
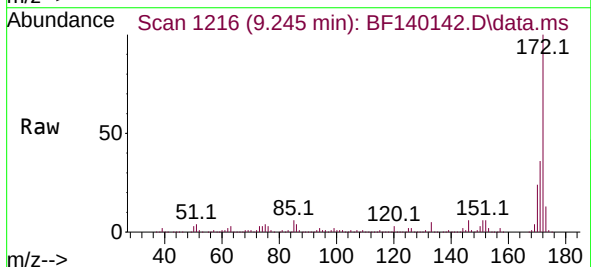
Tgt Ion:172 Resp: 1427864

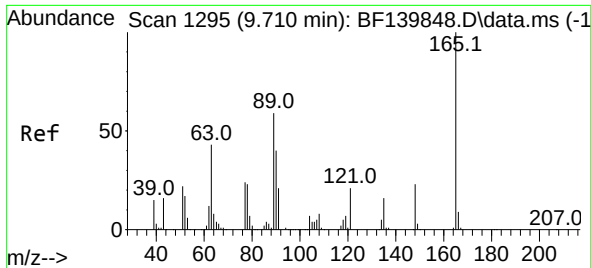
Ion Ratio Lower Upper

172 100

171 35.7 28.6 43.0

170 24.1 19.1 28.7

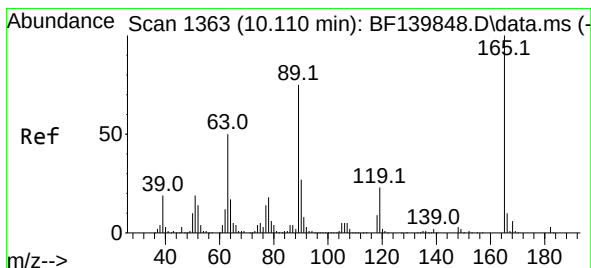
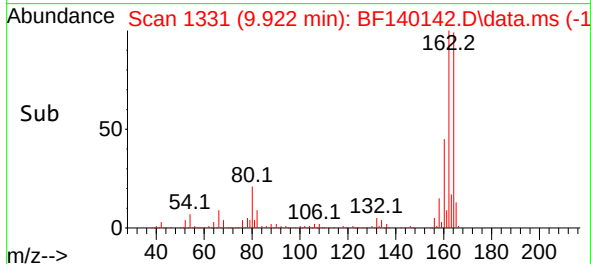
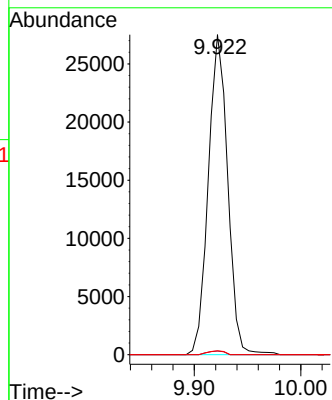
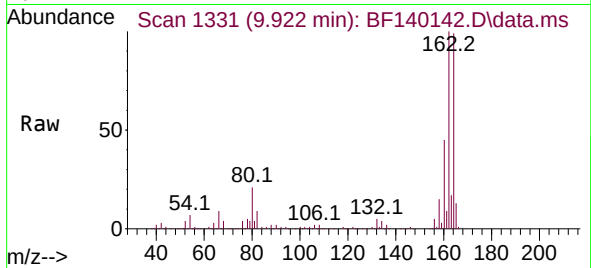




#51
2,6-Dinitrotoluene
Concen: 9.673 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF140142.D
Acq: 30 Oct 2024 05:32

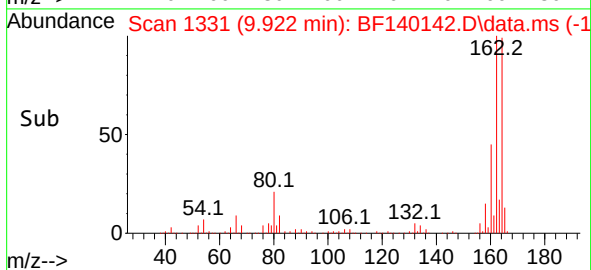
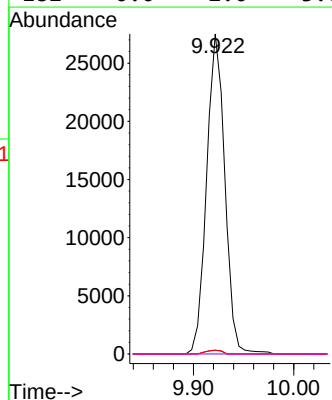
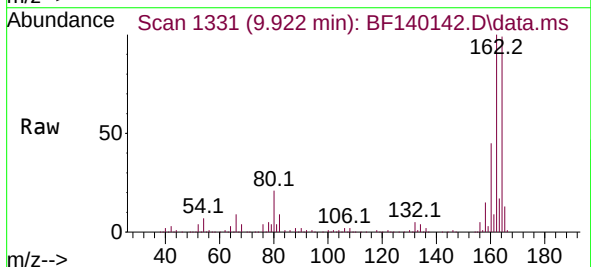
Instrument :
BNA_F
ClientSampleId :
BP-F17

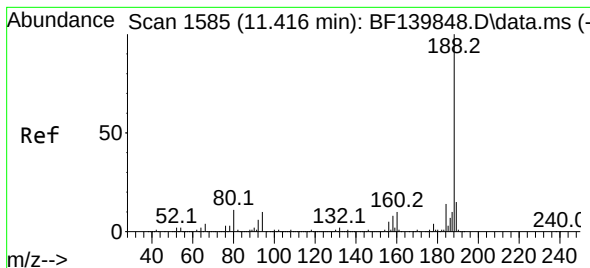
Tgt Ion:165 Resp: 34747
Ion Ratio Lower Upper
165 100
63 1.2 50.6 75.8#
89 1.2 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.866 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140142.D
Acq: 30 Oct 2024 05:32

Tgt Ion:165 Resp: 34747
Ion Ratio Lower Upper
165 100
63 1.2 40.1 60.1#
89 1.2 60.4 90.6#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140142.D

Acq: 30 Oct 2024 05:32

Instrument :

BNA_F

ClientSampleId :

BP-F17

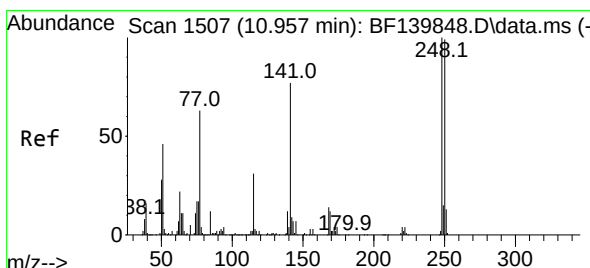
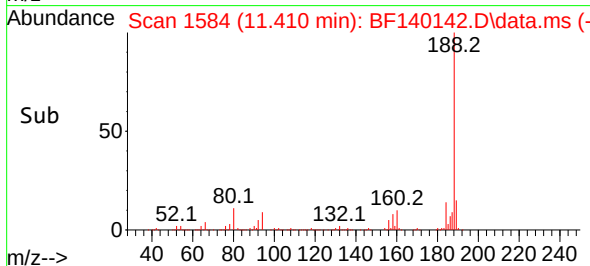
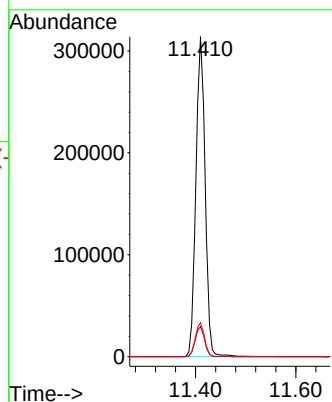
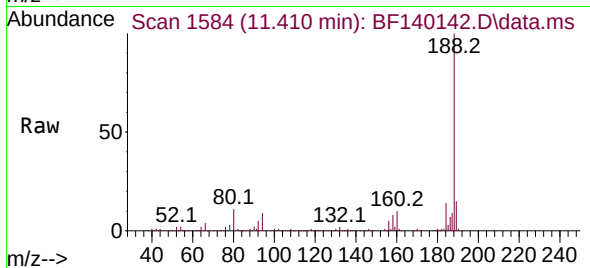
Tgt Ion:188 Resp: 401322

Ion Ratio Lower Upper

188 100

94 9.4 7.9 11.9

80 10.6 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 4.175 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.247 min

Lab File: BF140142.D

Acq: 30 Oct 2024 05:32

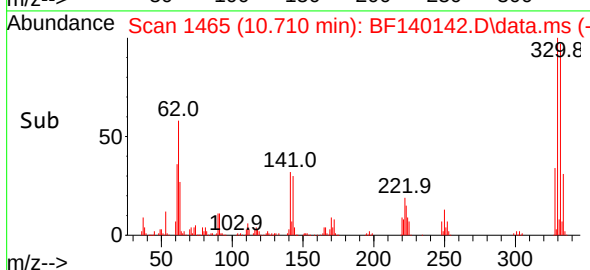
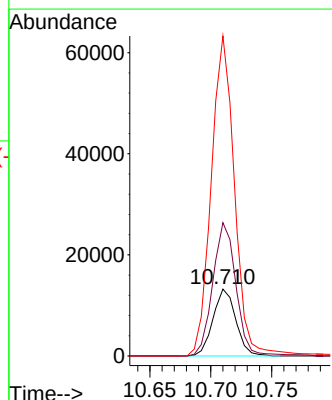
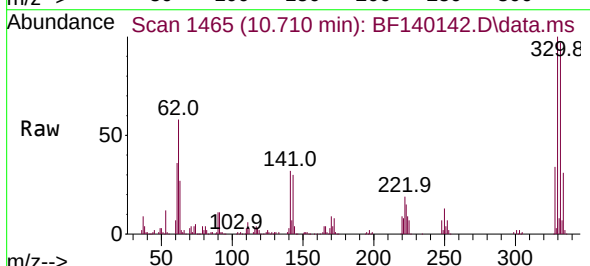
Tgt Ion:248 Resp: 17260

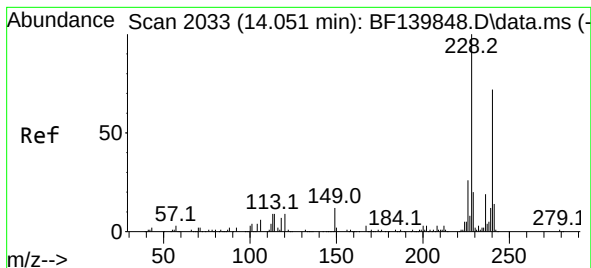
Ion Ratio Lower Upper

248 100

250 199.3 79.0 118.6#

141 478.2 61.7 92.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF140142.D

Acq: 30 Oct 2024 05:32

Instrument :

BNA_F

ClientSampleId :

BP-F17

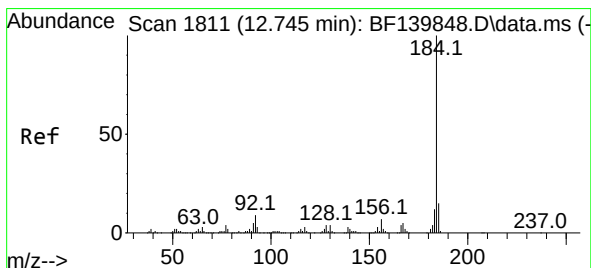
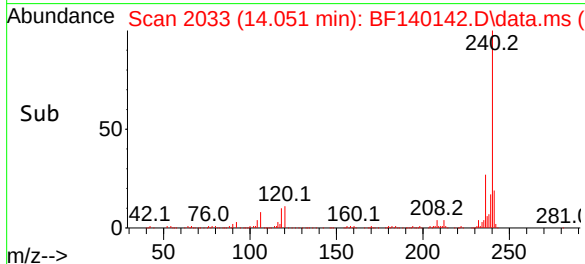
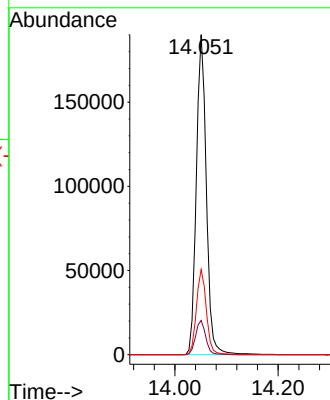
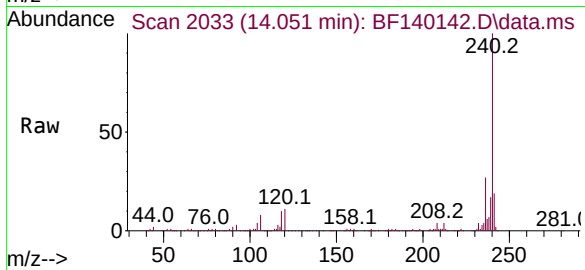
Tgt Ion:240 Resp: 255998

Ion Ratio Lower Upper

240 100

120 10.7 9.4 14.2

236 26.6 20.9 31.3



#77

Benzdine

Concen: 3.666 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.253 min

Lab File: BF140142.D

Acq: 30 Oct 2024 05:32

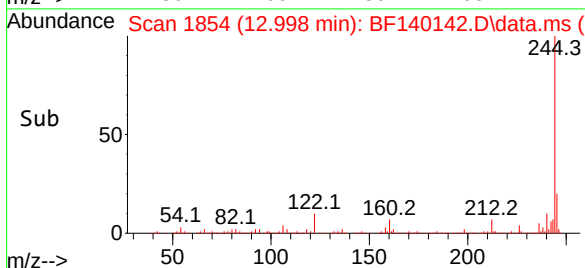
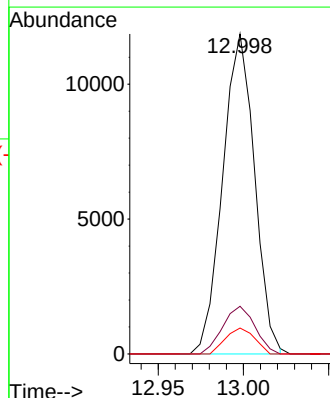
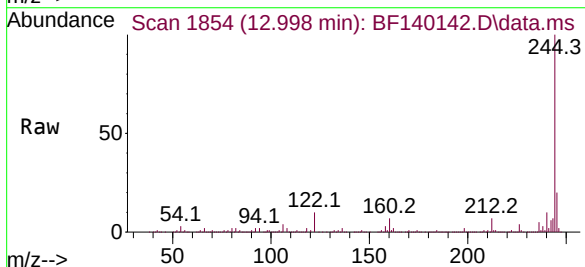
Tgt Ion:184 Resp: 15433

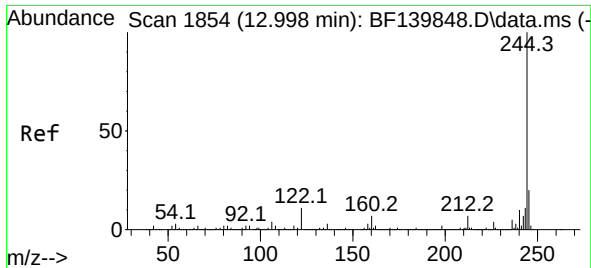
Ion Ratio Lower Upper

184 100

185 14.9 12.0 18.0

183 8.1 9.4 14.2#

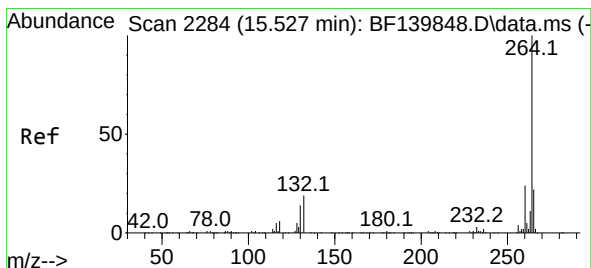
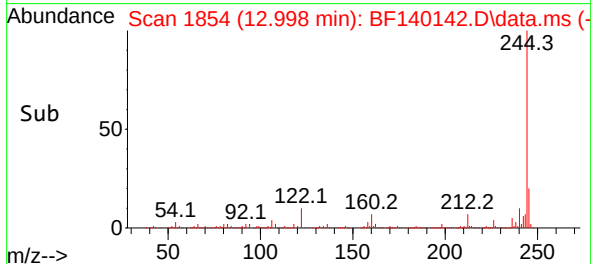
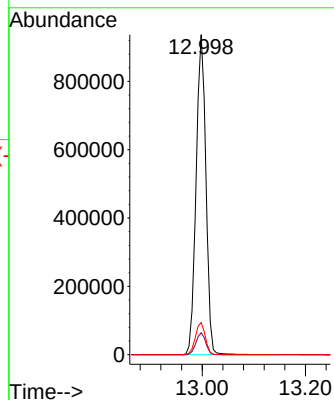
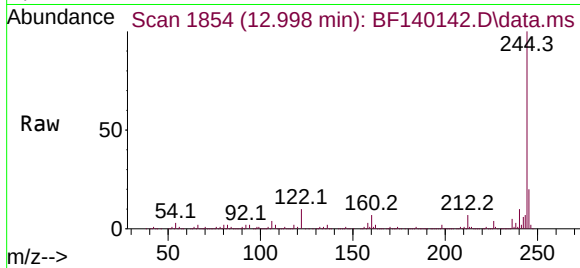




#79
Terphenyl-d14
Concen: 78.289 ng
RT: 12.998 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140142.D
Acq: 30 Oct 2024 05:32

Instrument :
BNA_F
ClientSampleId :
BP-F17

Tgt Ion:244 Resp: 1229958
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 10.0 8.6 13.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2285
Delta R.T. 0.006 min
Lab File: BF140142.D
Acq: 30 Oct 2024 05:32

Tgt Ion:264 Resp: 188586
Ion Ratio Lower Upper
264 100
260 23.4 19.4 29.2
265 21.0 17.4 26.0

