

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102824\
 Data File : BF140088.D
 Acq On : 28 Oct 2024 15:43
 Operator : RC/JU
 Sample : P4567-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-3

Quant Time: Oct 28 16:23:39 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)

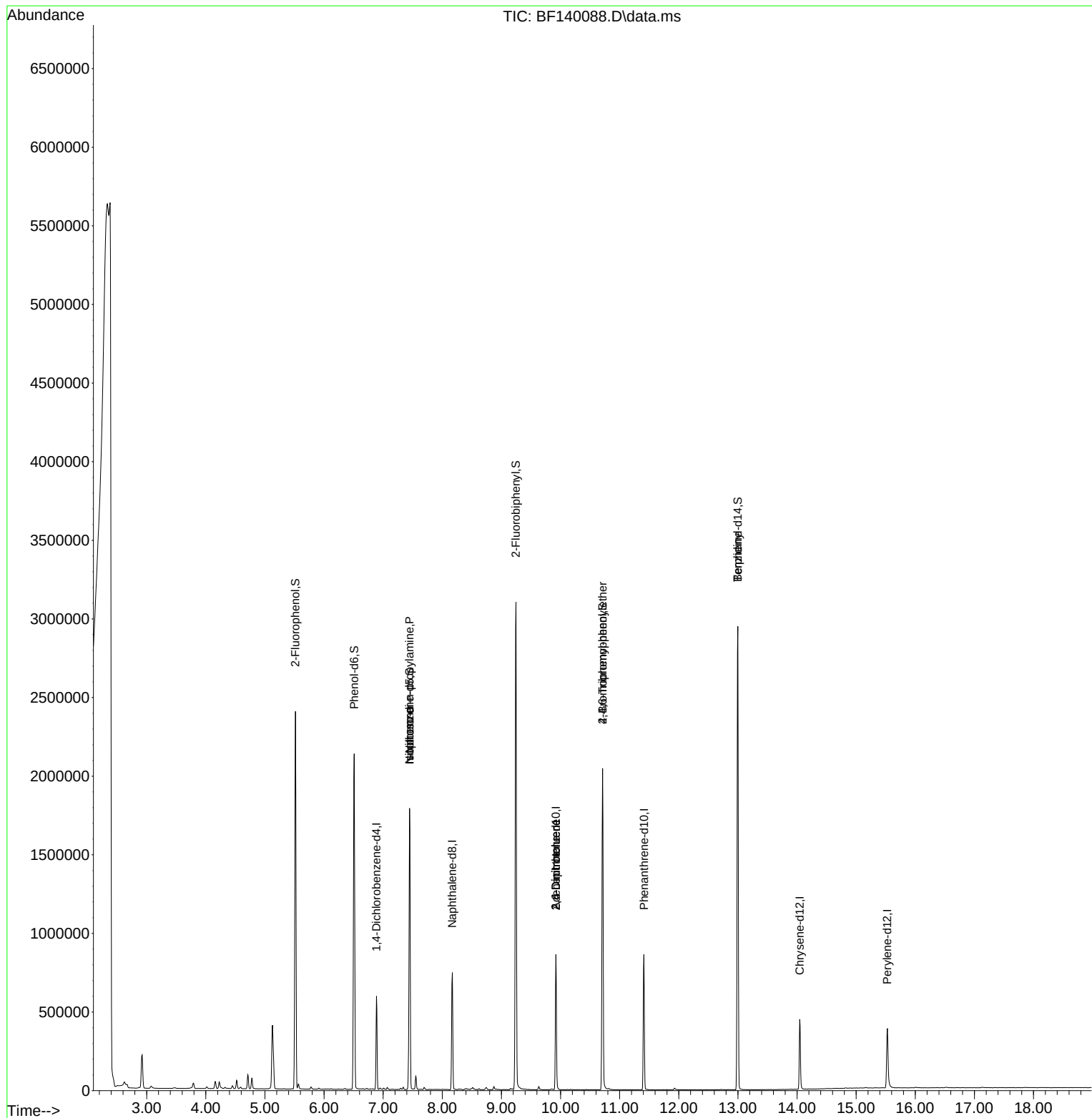
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	118123	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	460658	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	259211	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	459072	20.000	ng	0.00
76) Chrysene-d12	14.045	240	226192	20.000	ng	0.00
86) Perylene-d12	15.527	264	266702	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	914719	121.228	ng	0.02
7) Phenol-d6	6.510	99	1062991	108.773	ng	0.00
23) Nitrobenzene-d5	7.445	82	823942	99.132	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	372170	153.499	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1490068	95.005	ng	0.00
79) Terphenyl-d14	12.998	244	1539290	110.890	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.445	70	112208	18.932	ng	# 76
25) Isophorone	7.445	82	818970	51.914	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	33847	9.682	ng	# 22
57) 2,4-Dinitrotoluene	9.922	165	33848	7.873	ng	# 21
67) 4-Bromophenyl-phenylether	10.710	248	23330	4.933	ng	# 1
77) Benzydine	12.998	184	19380	5.211	ng	# 92

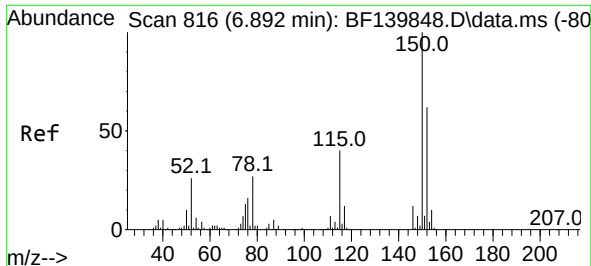
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 15 Sample Multiplier: 1

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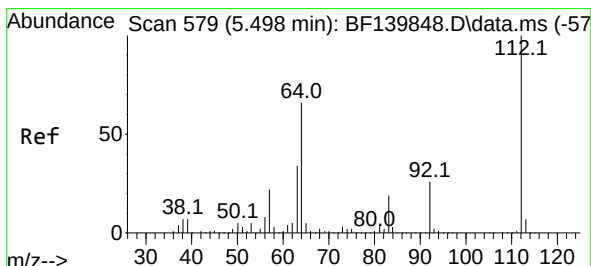
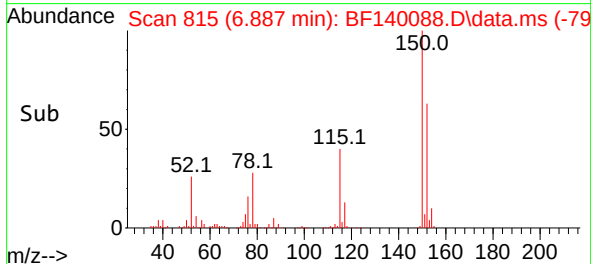
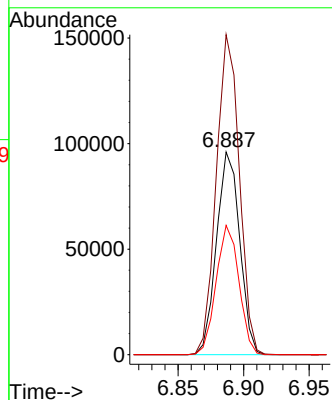
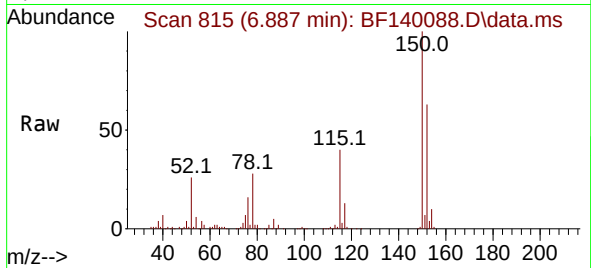




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140088.D
Acq: 28 Oct 2024 15:43

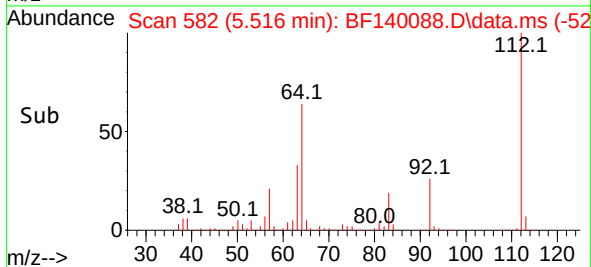
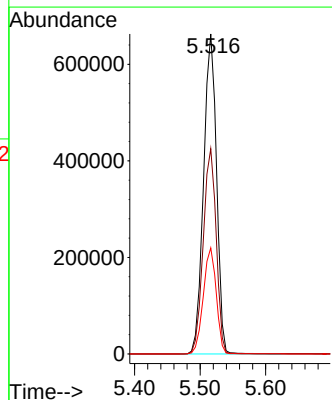
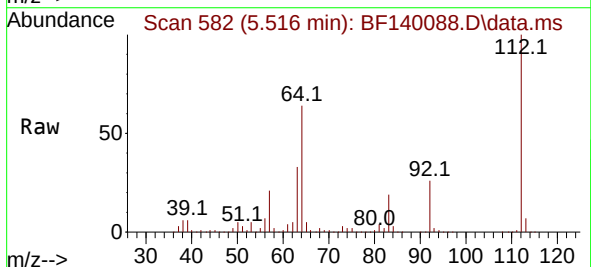
Instrument :
BNA_F
ClientSampleId :
WC-3

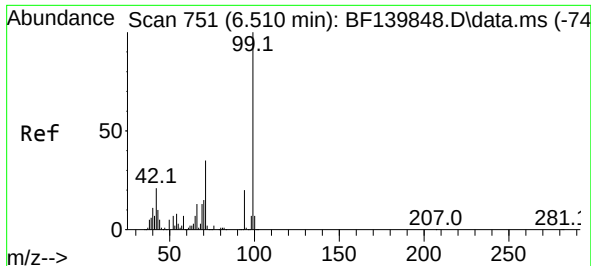
Tgt Ion:152 Resp: 118123
Ion Ratio Lower Upper
152 100
150 157.8 130.2 195.2
115 63.7 51.4 77.2



#5
2-Fluorophenol
Concen: 121.228 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140088.D
Acq: 28 Oct 2024 15:43

Tgt Ion:112 Resp: 914719
Ion Ratio Lower Upper
112 100
64 64.1 53.0 79.6
63 33.2 27.0 40.4



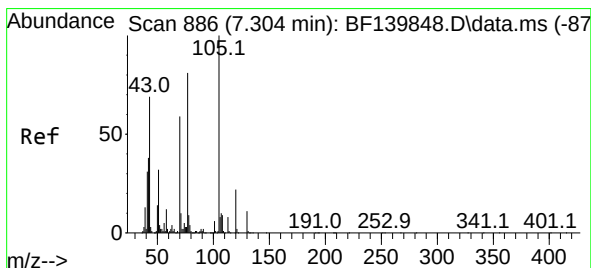
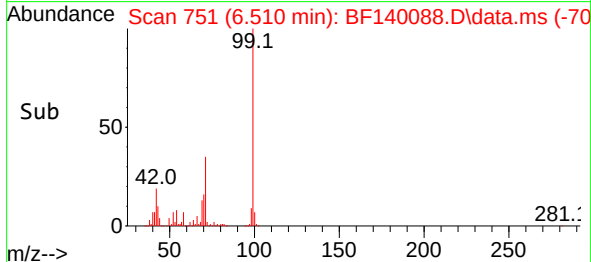
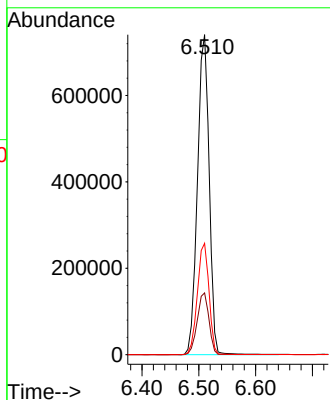
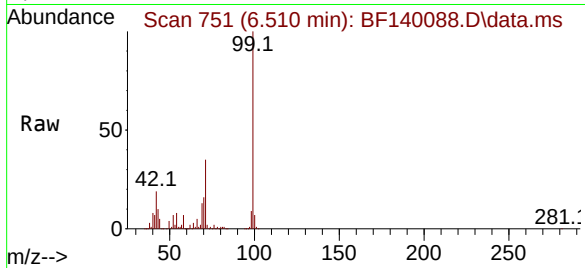


#7
Phenol-d6
Concen: 108.773 ng
RT: 6.510 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF140088.D
Acq: 28 Oct 2024 15:43

Instrument :
BNA_F
ClientSampleId :
WC-3

Tgt Ion: 99 Resp: 1062991

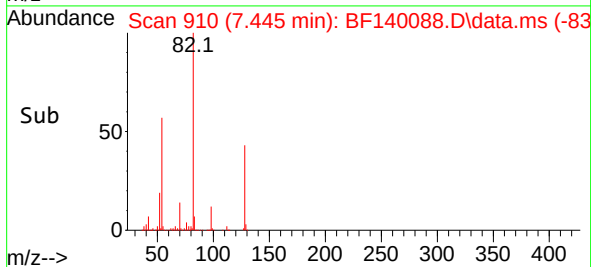
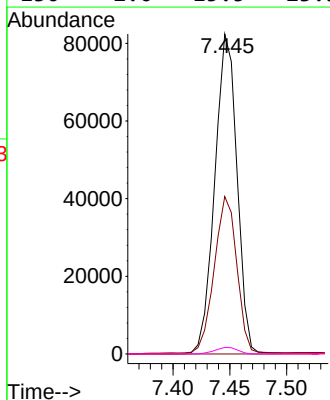
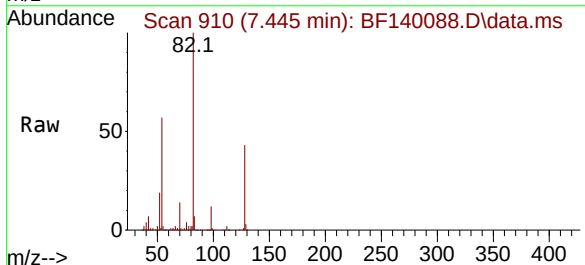
Ion	Ratio	Lower	Upper
99	100		
42	19.3	16.7	25.1
71	34.8	27.7	41.5

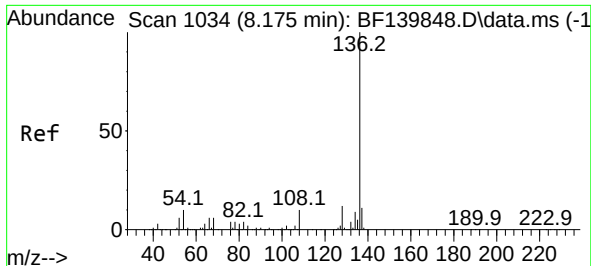


#19
n-Nitroso-di-n-propylamine
Concen: 18.932 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF140088.D
Acq: 28 Oct 2024 15:43

Tgt Ion: 70 Resp: 112208

Ion	Ratio	Lower	Upper
70	100		
42	49.2	51.5	77.3#
101	0.0	7.5	11.3#
130	2.0	15.5	23.3#



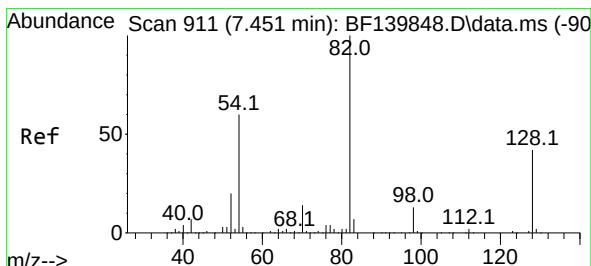
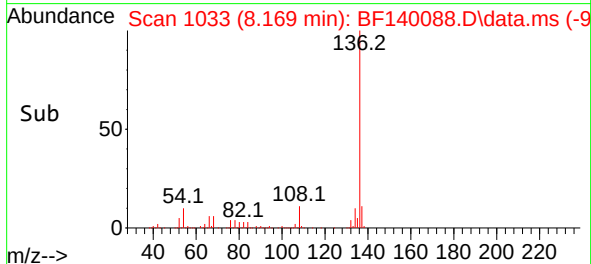
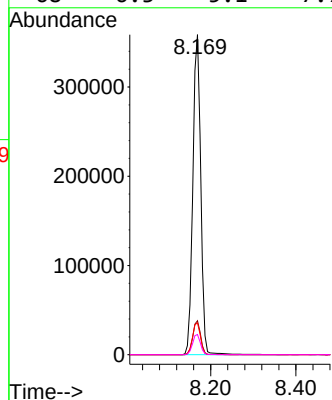
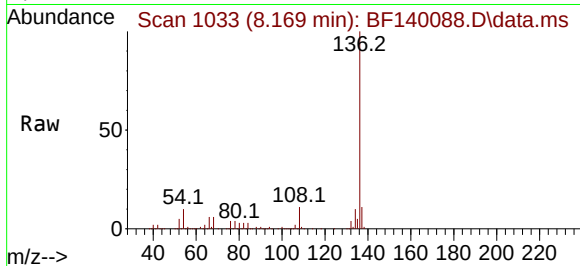


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF140088.D
Acq: 28 Oct 2024 15:43

Instrument :
BNA_F
ClientSampleId :
WC-3

Tgt Ion:136 Resp: 460658

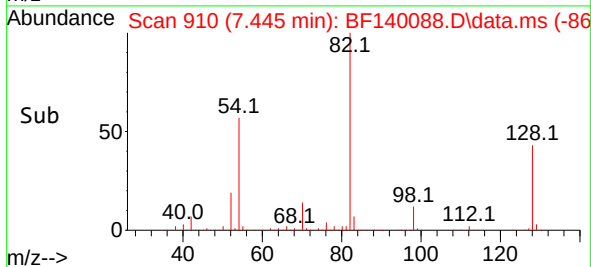
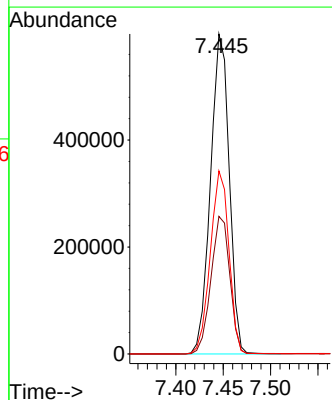
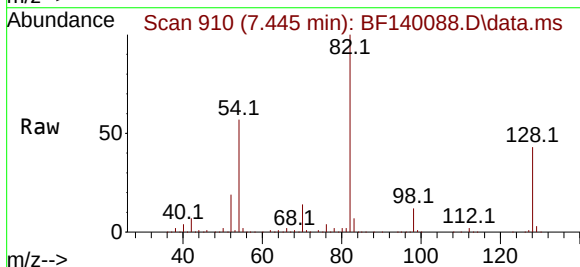
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	12.8
54	10.0	8.4	12.6
68	6.3	5.1	7.7

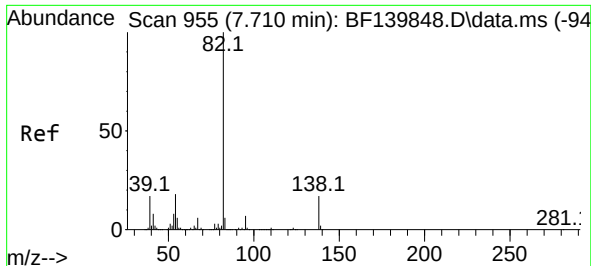


#23
Nitrobenzene-d5
Concen: 99.132 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF140088.D
Acq: 28 Oct 2024 15:43

Tgt Ion: 82 Resp: 823942

Ion	Ratio	Lower	Upper
82	100		
128	43.0	33.4	50.0
54	57.2	47.8	71.8

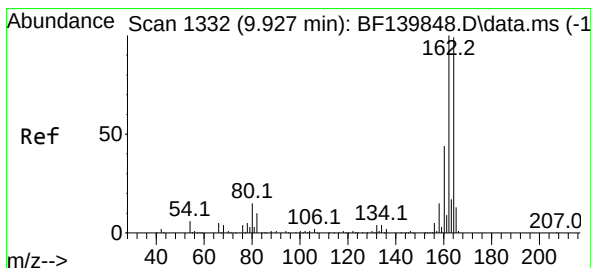
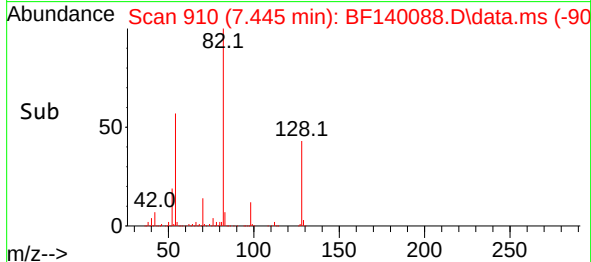
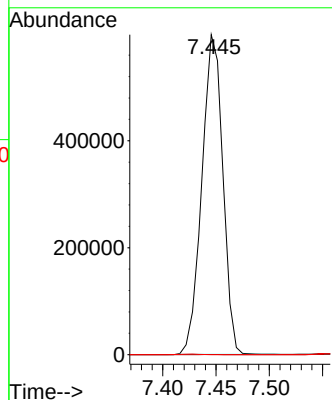
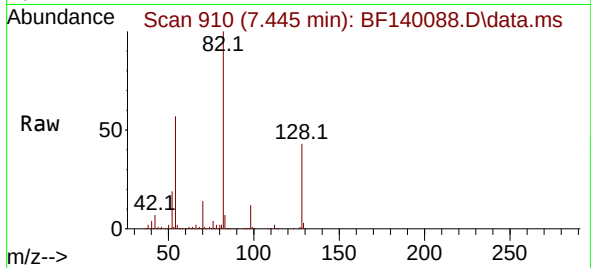




#25
Isophorone
Concen: 51.914 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.264 min
Lab File: BF140088.D
Acq: 28 Oct 2024 15:43

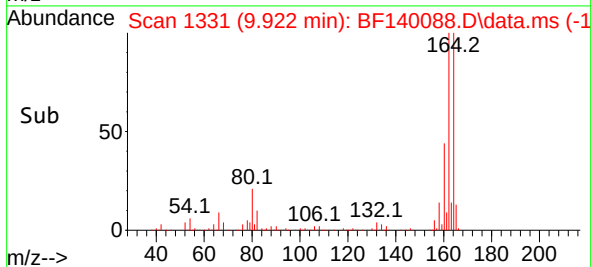
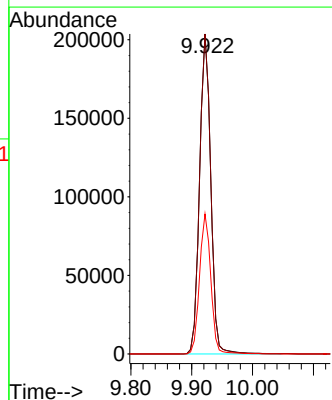
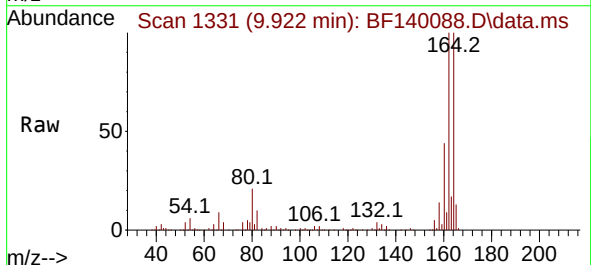
Instrument :
BNA_F
ClientSampleId :
WC-3

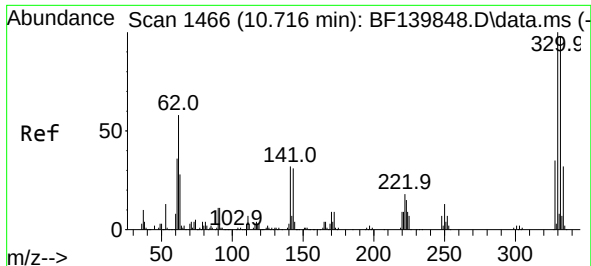
Tgt Ion: 82 Resp: 818970
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140088.D
Acq: 28 Oct 2024 15:43

Tgt Ion:164 Resp: 259211
Ion Ratio Lower Upper
164 100
162 99.9 81.0 121.4
160 43.8 35.4 53.0

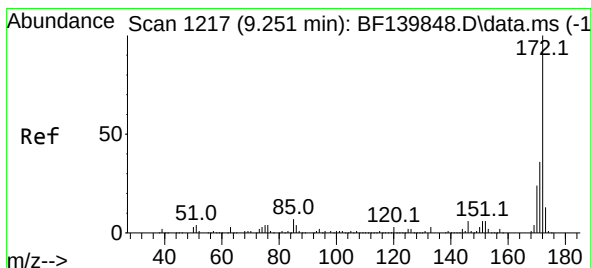
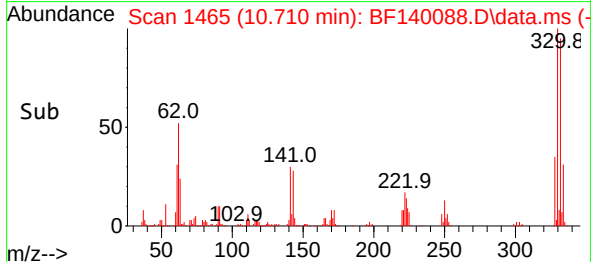
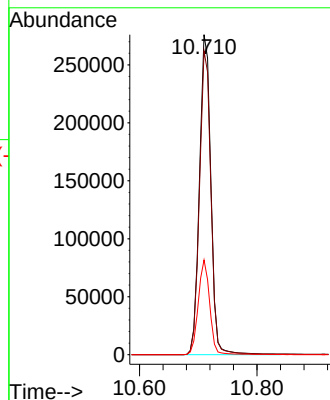
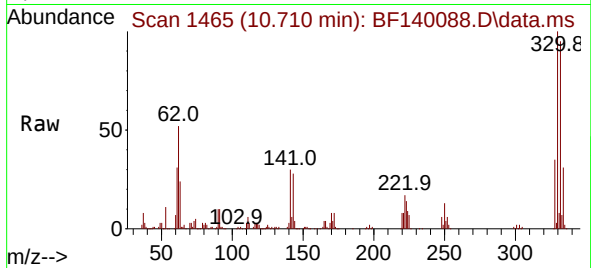




#42
2,4,6-Tribromophenol
Concen: 153.499 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF140088.D
Acq: 28 Oct 2024 15:43

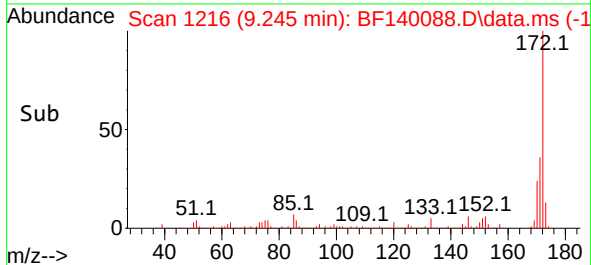
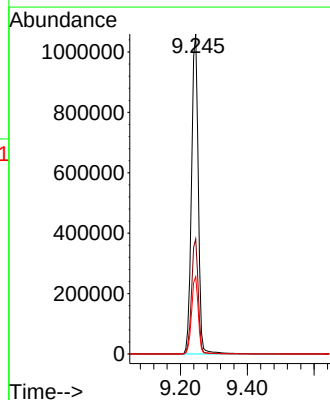
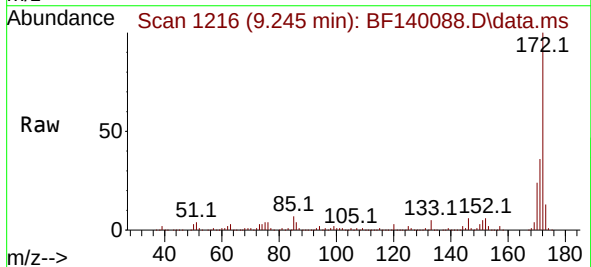
Instrument :
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ClientSampleId :
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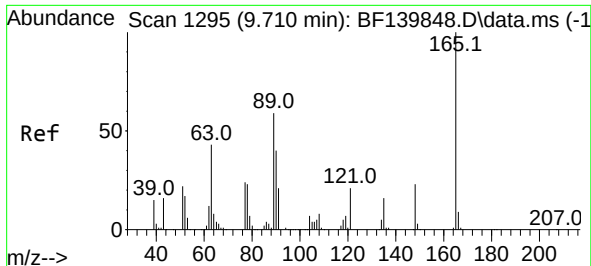
Tgt Ion:330 Resp: 372170
Ion Ratio Lower Upper
330 100
332 95.0 78.1 117.1
141 29.7 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 95.005 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140088.D
Acq: 28 Oct 2024 15:43

Tgt Ion:172 Resp: 1490068
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 24.1 19.1 28.7

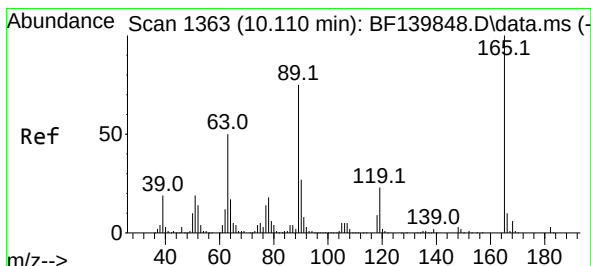
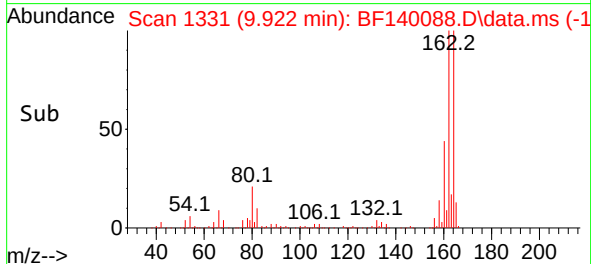
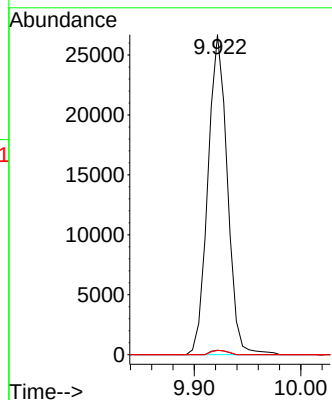
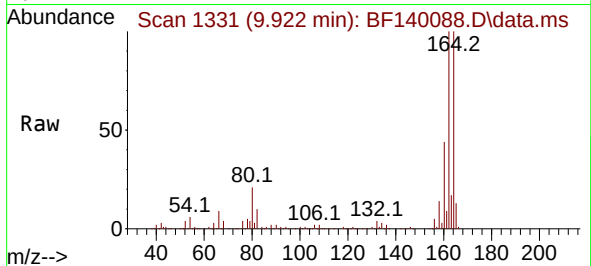




#51
2,6-Dinitrotoluene
Concen: 9.682 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF140088.D
Acq: 28 Oct 2024 15:43

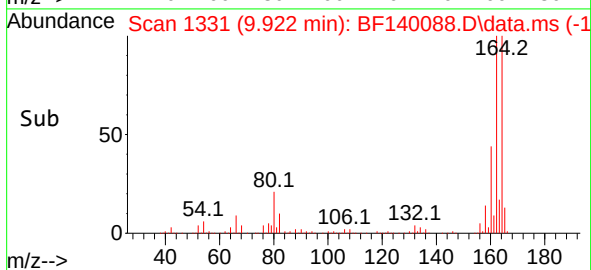
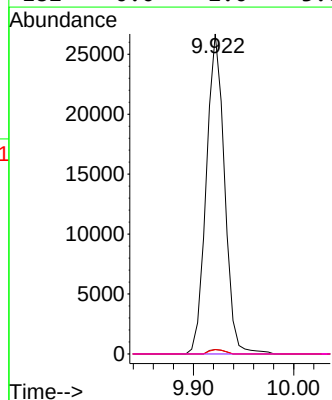
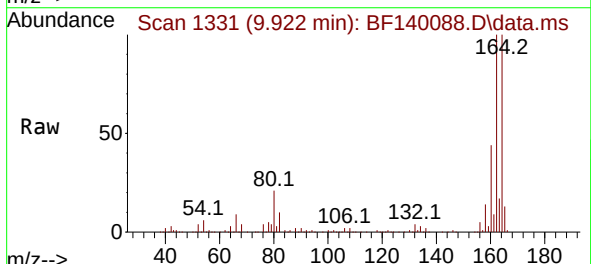
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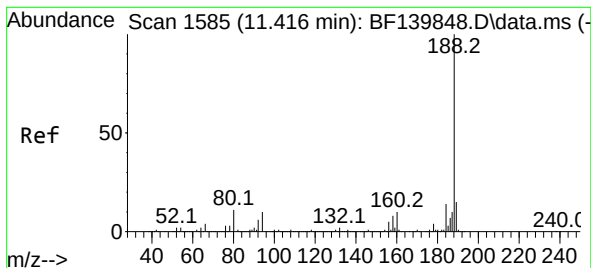
Tgt Ion:165 Resp: 33847
Ion Ratio Lower Upper
165 100
63 1.4 50.6 75.8#
89 1.4 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.873 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140088.D
Acq: 28 Oct 2024 15:43

Tgt Ion:165 Resp: 33848
Ion Ratio Lower Upper
165 100
63 1.4 40.1 60.1#
89 1.4 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: BF140088.D

Acq: 28 Oct 2024 15:43

Instrument :

BNA_F

ClientSampleId :

WC-3

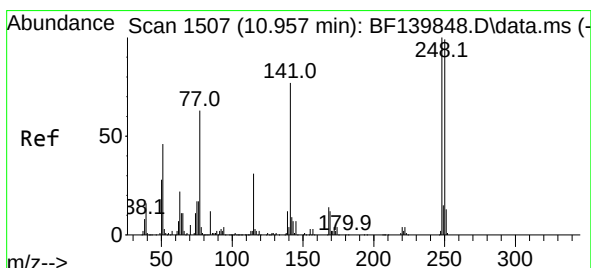
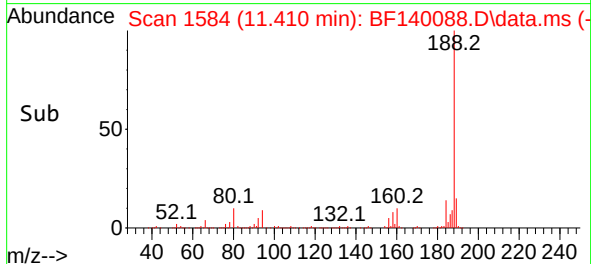
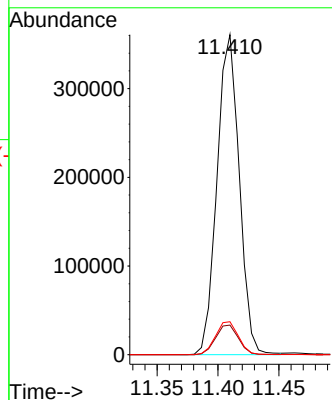
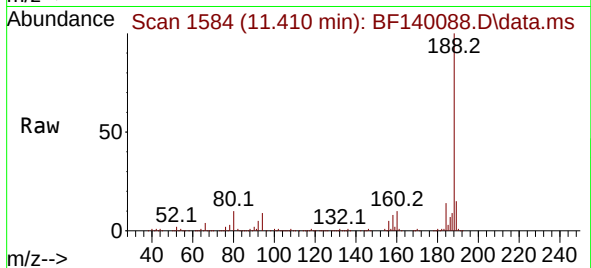
Tgt Ion:188 Resp: 459072

Ion Ratio Lower Upper

188 100

94 9.2 7.9 11.9

80 10.3 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 4.933 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.247 min

Lab File: BF140088.D

Acq: 28 Oct 2024 15:43

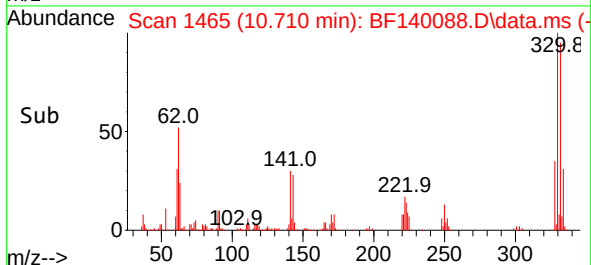
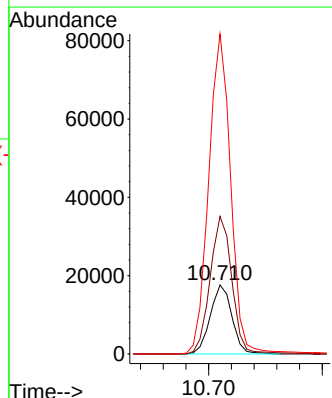
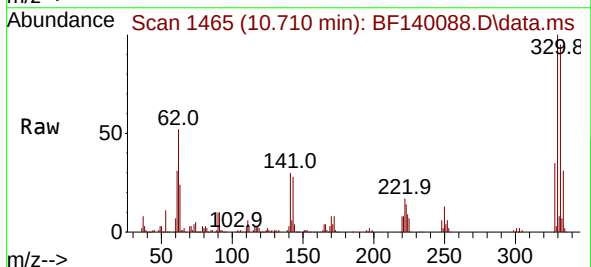
Tgt Ion:248 Resp: 23330

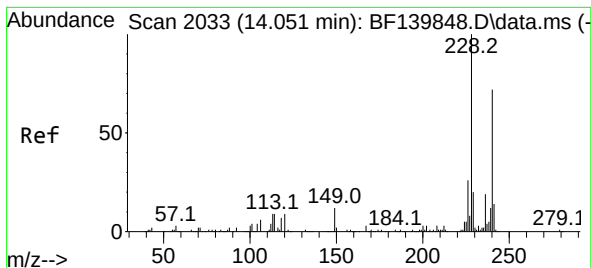
Ion Ratio Lower Upper

248 100

250 199.5 79.0 118.6#

141 463.7 61.7 92.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF140088.D

Acq: 28 Oct 2024 15:43

Instrument :

BNA_F

ClientSampleId :

WC-3

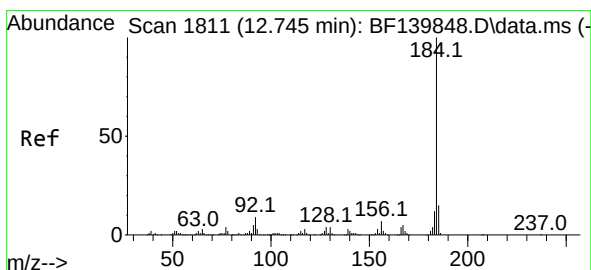
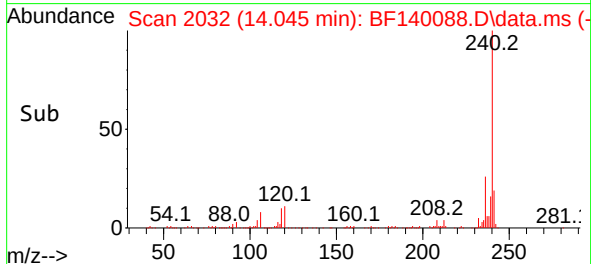
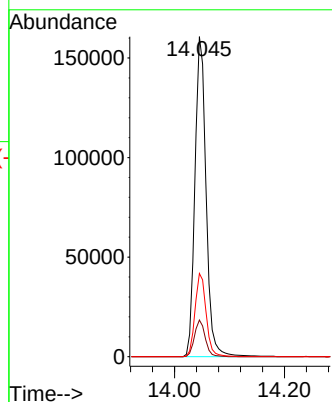
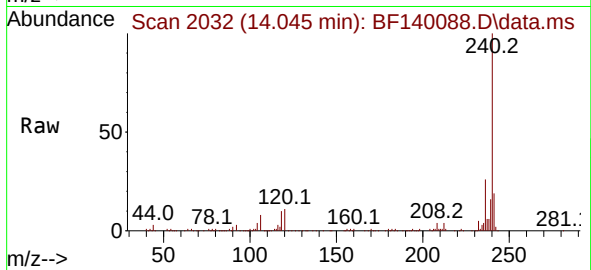
Tgt Ion:240 Resp: 226192

Ion Ratio Lower Upper

240 100

120 11.5 9.4 14.2

236 26.0 20.9 31.3



#77

Benzidine

Concen: 5.211 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.253 min

Lab File: BF140088.D

Acq: 28 Oct 2024 15:43

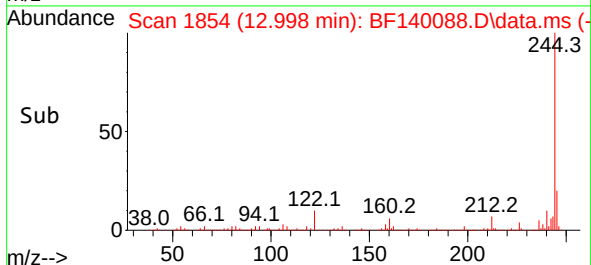
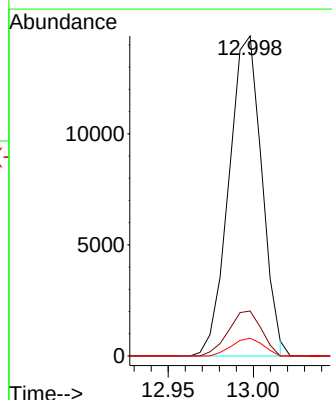
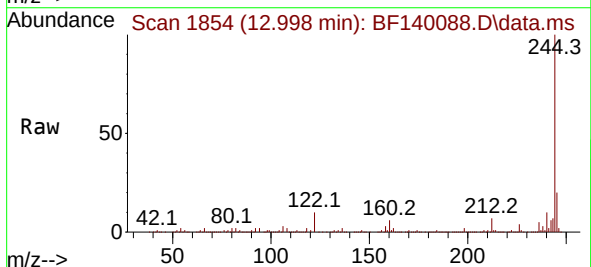
Tgt Ion:184 Resp: 19380

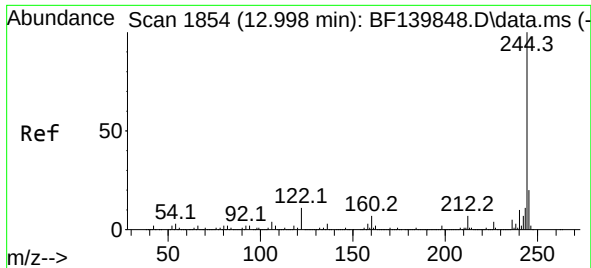
Ion Ratio Lower Upper

184 100

185 14.1 12.0 18.0

183 5.6 9.4 14.2#

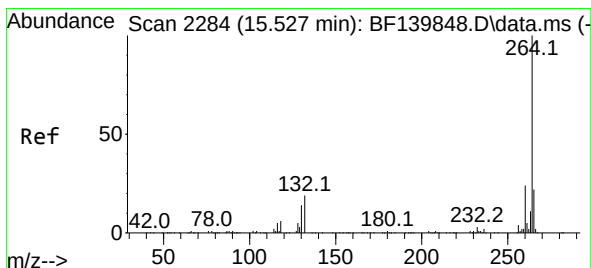
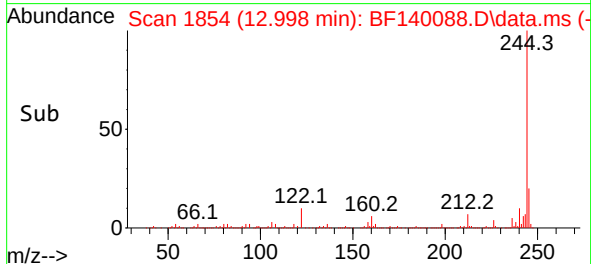
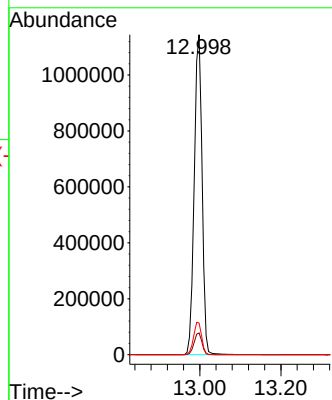
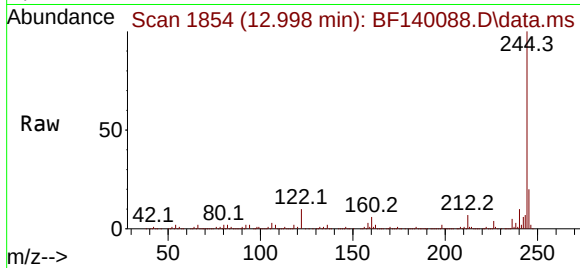




#79
Terphenyl-d14
Concen: 110.890 ng
RT: 12.998 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF140088.D
Acq: 28 Oct 2024 15:43

Instrument :
BNA_F
ClientSampleId :
WC-3

Tgt Ion:244 Resp: 1539290
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 9.9 8.6 13.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2284
Delta R.T. 0.000 min
Lab File: BF140088.D
Acq: 28 Oct 2024 15:43

Tgt Ion:264 Resp: 266702
Ion Ratio Lower Upper
264 100
260 23.5 19.4 29.2
265 21.5 17.4 26.0

