

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102824\
 Data File : BF140087.D
 Acq On : 28 Oct 2024 15:15
 Operator : RC/JU
 Sample : P4567-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2

Quant Time: Oct 28 15:38:51 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)

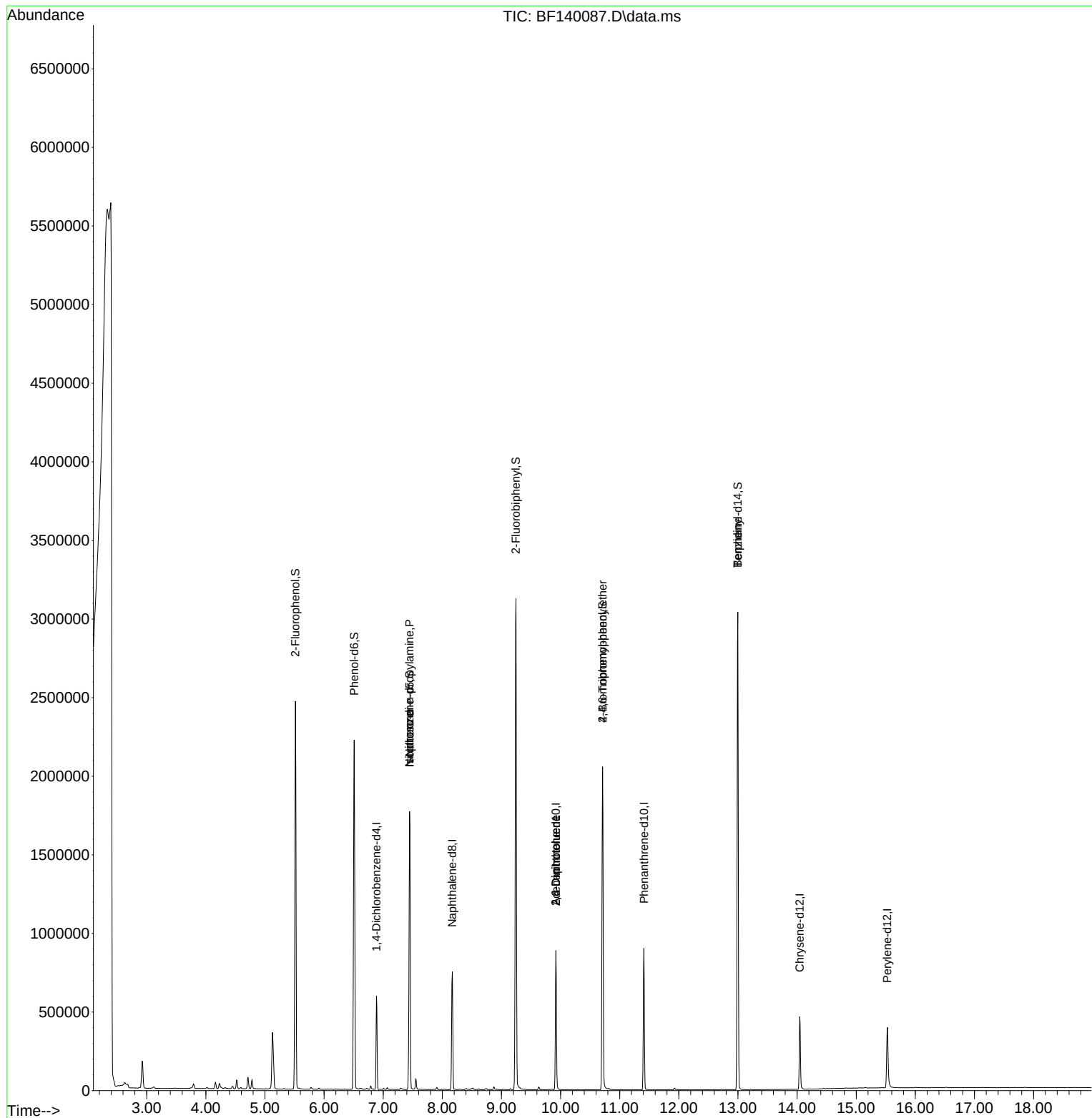
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	119936	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	464995	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	262804	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	468622	20.000	ng	0.00
76) Chrysene-d12	14.045	240	233916	20.000	ng	0.00
86) Perylene-d12	15.527	264	268349	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	931176	121.544	ng	0.02
7) Phenol-d6	6.510	99	1092152	110.068	ng	0.00
23) Nitrobenzene-d5	7.445	82	835058	99.532	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	373927	152.115	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1500651	94.372	ng	0.00
79) Terphenyl-d14	12.998	244	1586618	110.525	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	111110	18.463	ng	# 77
25) Isophorone	7.445	82	829620	52.099	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	34372	9.698	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	34373	7.886	ng	# 21
67) 4-Bromophenyl-phenylether	10.710	248	24082	4.988	ng	# 1
77) Benzidine	12.998	184	18286	4.754	ng	# 93

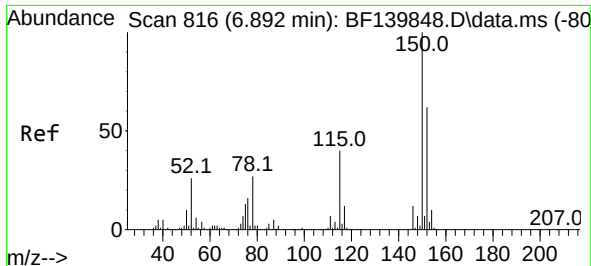
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

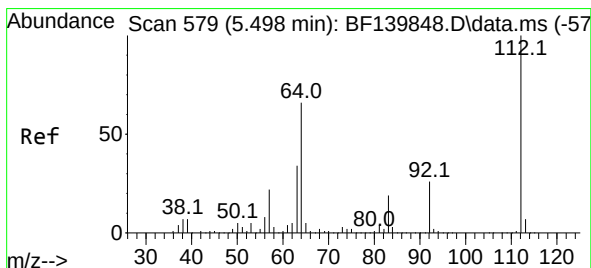
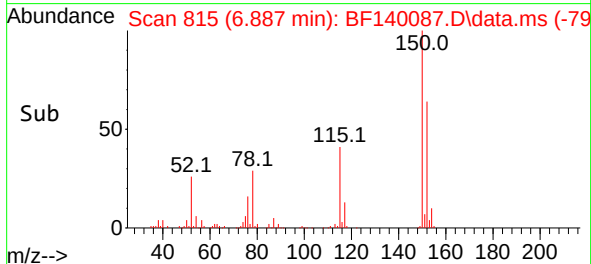
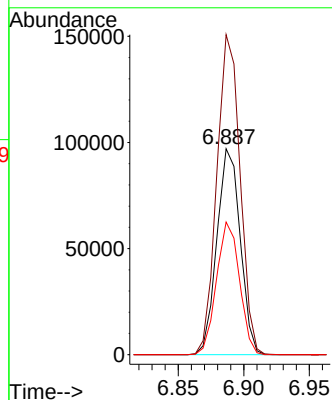
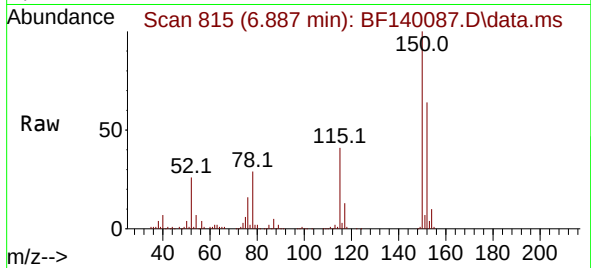




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140087.D
Acq: 28 Oct 2024 15:15

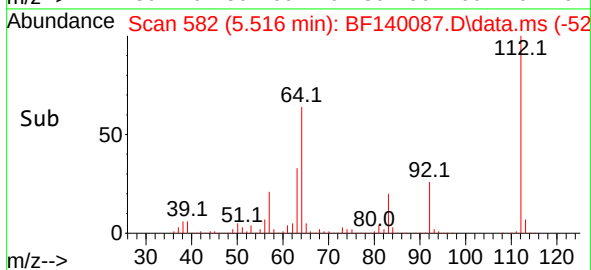
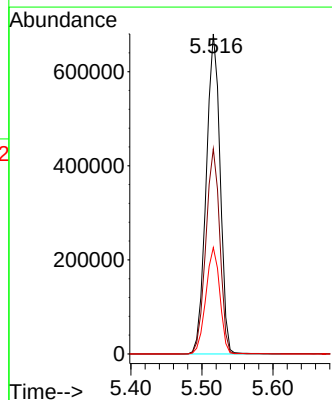
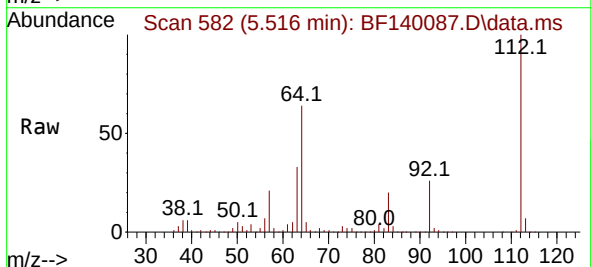
Instrument :
BNA_F
ClientSampleId :
WC-2

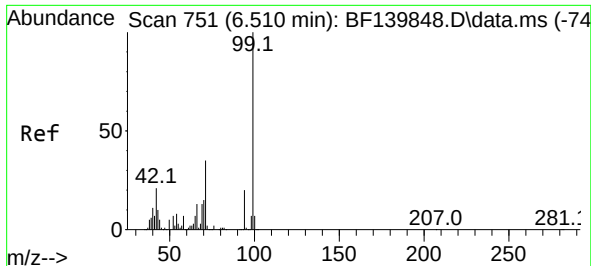
Tgt Ion:152 Resp: 119936
Ion Ratio Lower Upper
152 100
150 155.3 130.2 195.2
115 64.4 51.4 77.2



#5
2-Fluorophenol
Concen: 121.544 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140087.D
Acq: 28 Oct 2024 15:15

Tgt Ion:112 Resp: 931176
Ion Ratio Lower Upper
112 100
64 64.1 53.0 79.6
63 33.3 27.0 40.4



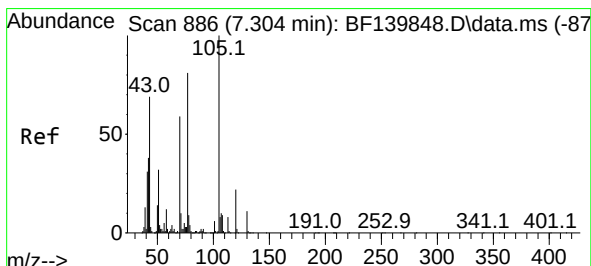
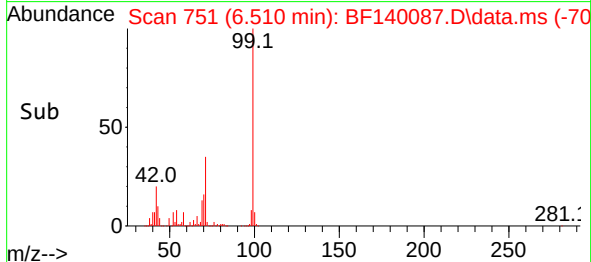
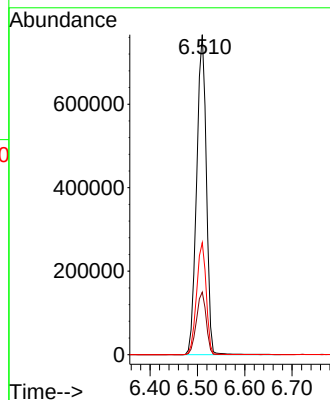
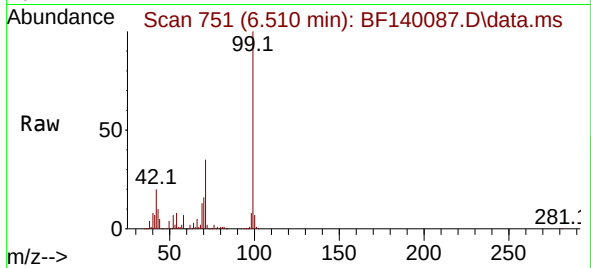


#7
Phenol-d6
Concen: 110.068 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140087.D
Acq: 28 Oct 2024 15:15

Instrument :
BNA_F
ClientSampleId :
WC-2

Tgt Ion: 99 Resp: 1092152

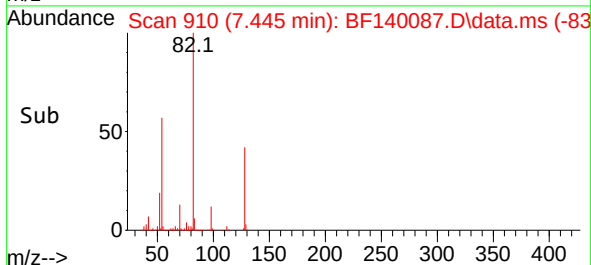
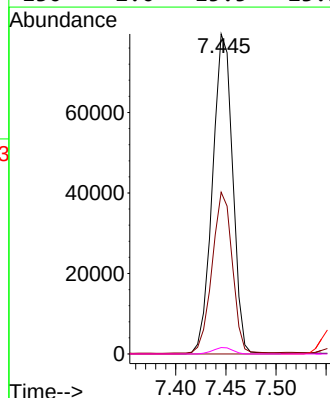
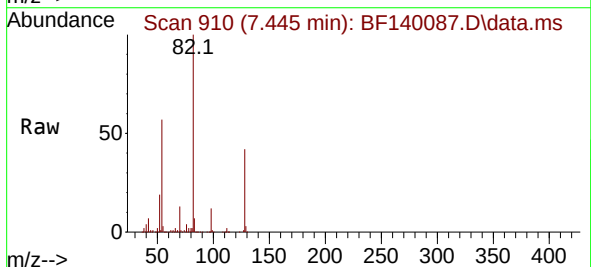
Ion	Ratio	Lower	Upper
99	100		
42	19.6	16.7	25.1
71	35.0	27.7	41.5

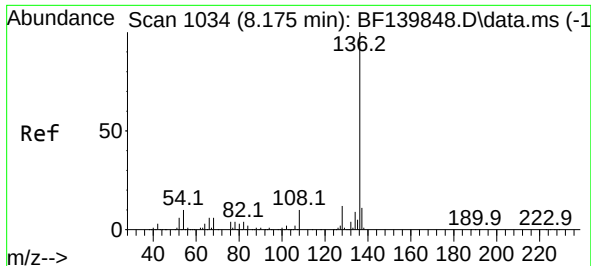


#19
n-Nitroso-di-n-propylamine
Concen: 18.463 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF140087.D
Acq: 28 Oct 2024 15:15

Tgt Ion: 70 Resp: 111110

Ion	Ratio	Lower	Upper
70	100		
42	50.5	51.5	77.3#
101	0.0	7.5	11.3#
130	2.0	15.5	23.3#

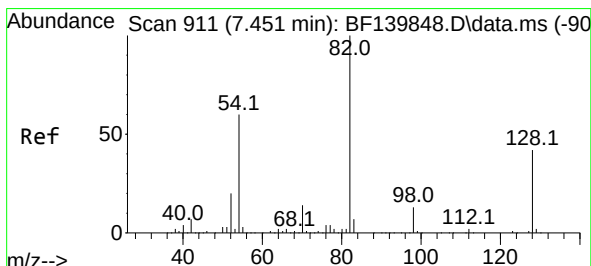
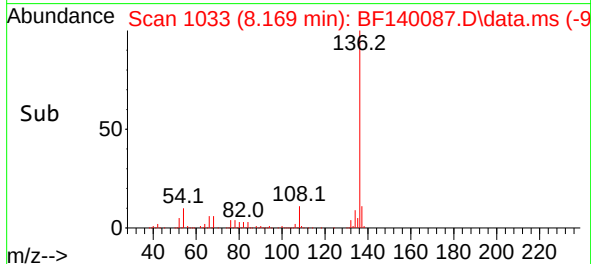
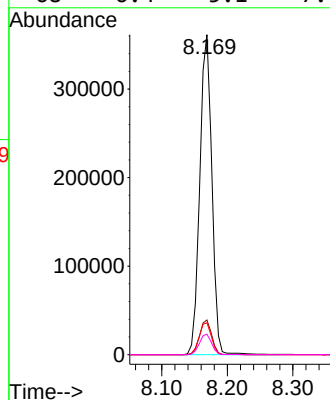
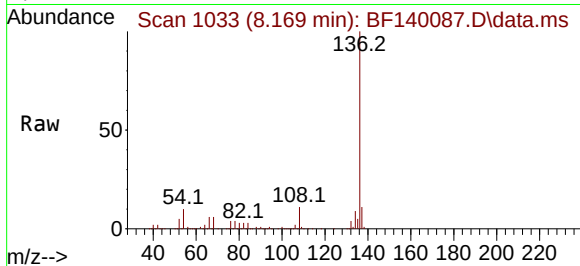




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140087.D
Acq: 28 Oct 2024 15:15

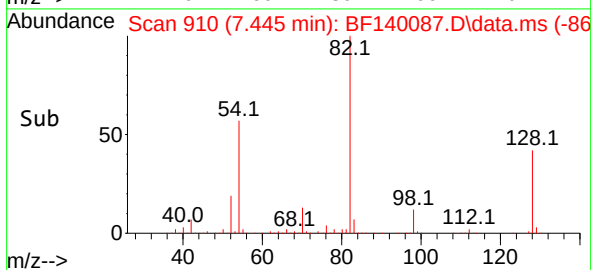
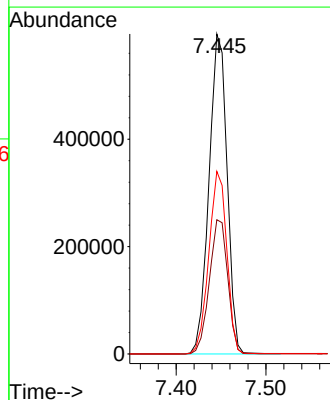
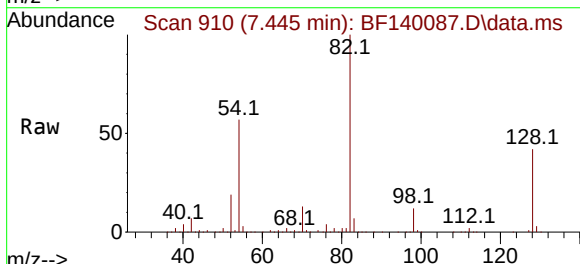
Instrument :
BNA_F
ClientSampleId :
WC-2

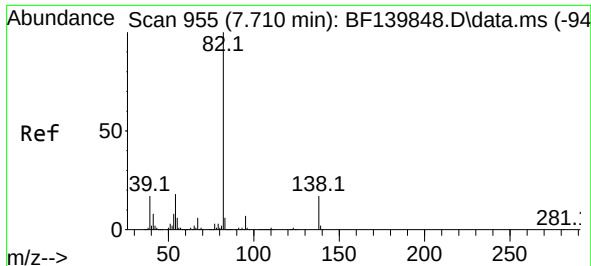
Tgt Ion:	136	Resp:	464995
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	9.9	8.4	12.6
68	6.4	5.1	7.7



#23
Nitrobenzene-d5
Concen: 99.532 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF140087.D
Acq: 28 Oct 2024 15:15

Tgt Ion:	82	Resp:	835058
Ion	Ratio	Lower	Upper
82	100		
128	42.0	33.4	50.0
54	57.0	47.8	71.8

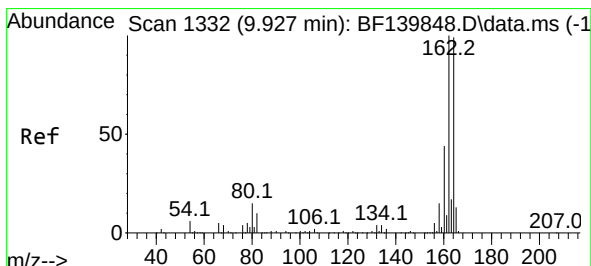
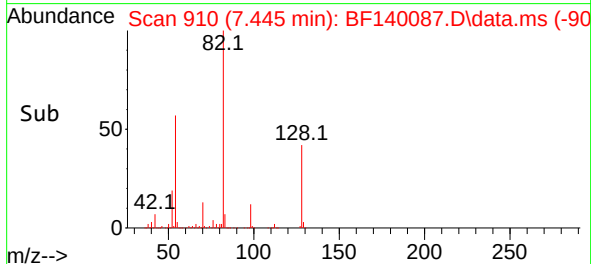
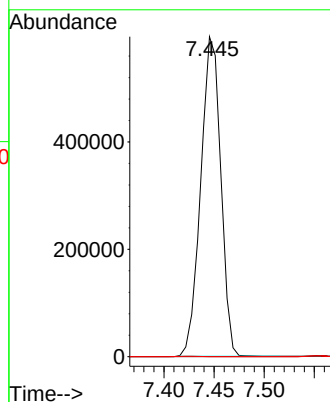
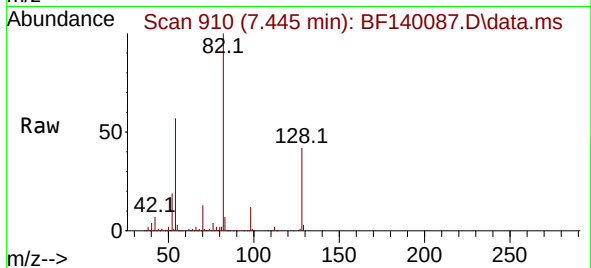




#25
Isophorone
Concen: 52.099 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.265 min
Lab File: BF140087.D
Acq: 28 Oct 2024 15:15

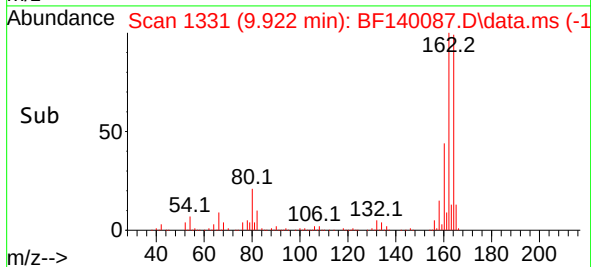
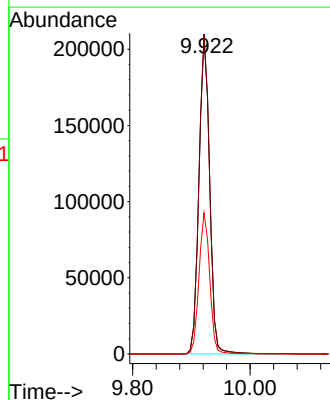
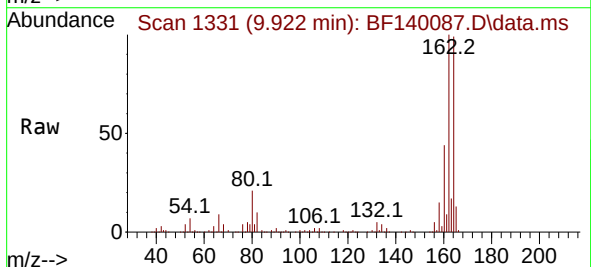
Instrument :
BNA_F
ClientSampleId :
WC-2

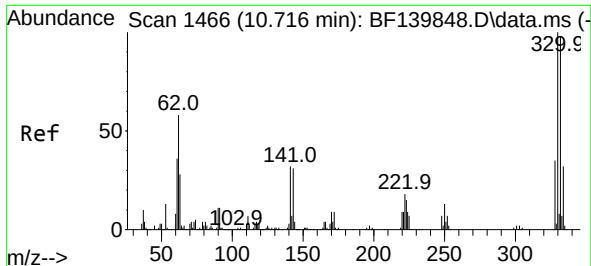
Tgt Ion: 82 Resp: 829620
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140087.D
Acq: 28 Oct 2024 15:15

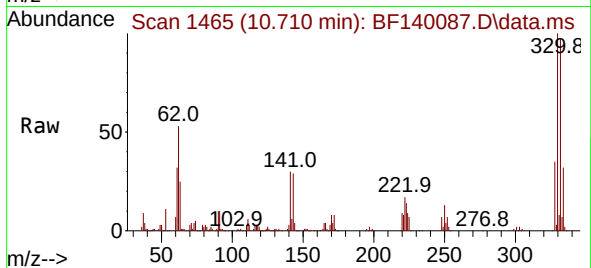
Tgt Ion: 164 Resp: 262804
Ion Ratio Lower Upper
164 100
162 101.1 81.0 121.4
160 44.6 35.4 53.0



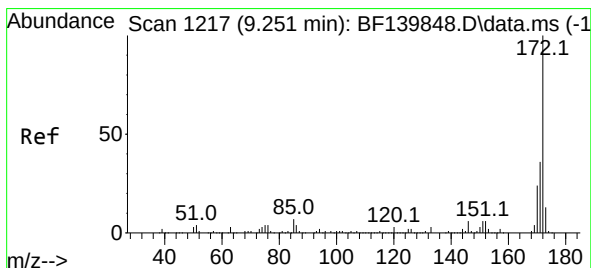
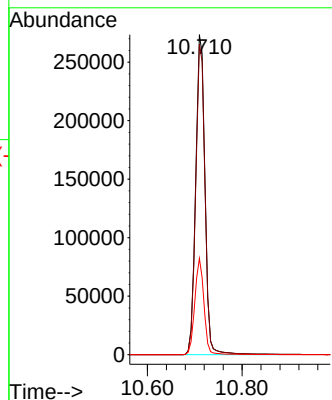
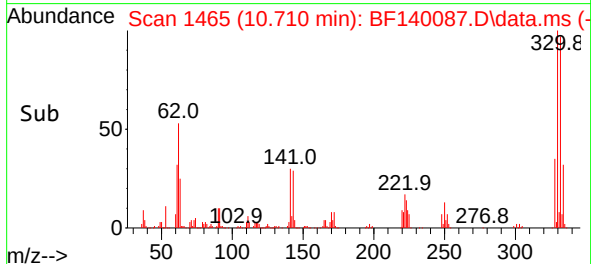


#42
2,4,6-Tribromophenol
Concen: 152.115 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF140087.D
Acq: 28 Oct 2024 15:15

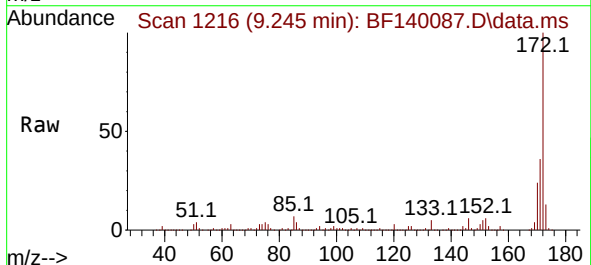
Instrument :
BNA_F
ClientSampleId :
WC-2



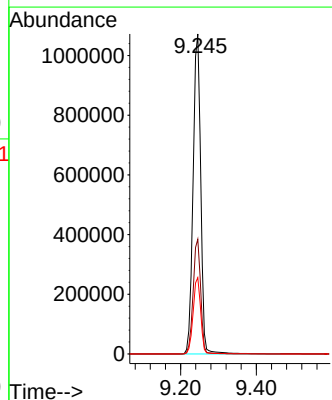
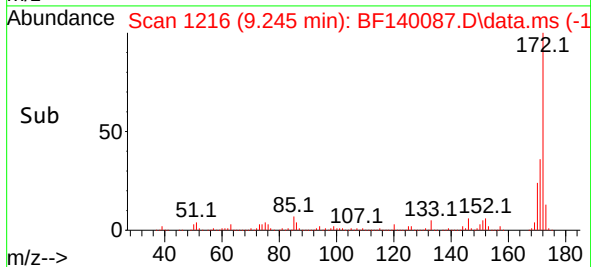
Tgt Ion:330 Resp: 373927
Ion Ratio Lower Upper
330 100
332 97.1 78.1 117.1
141 29.7 26.6 39.8

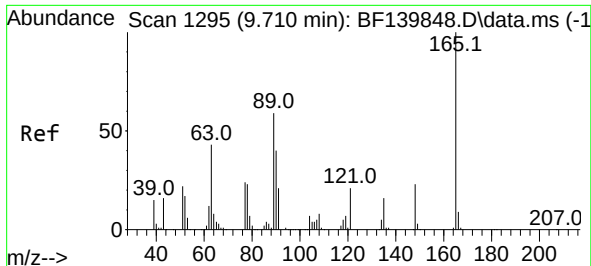


#45
2-Fluorobiphenyl
Concen: 94.372 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140087.D
Acq: 28 Oct 2024 15:15



Tgt Ion:172 Resp: 1500651
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 23.9 19.1 28.7

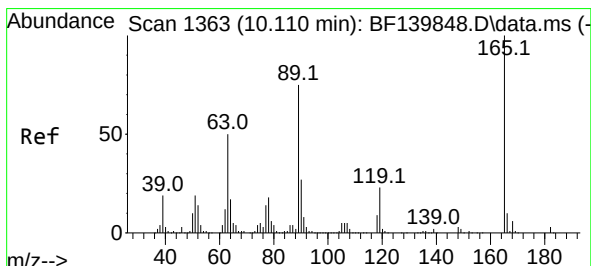
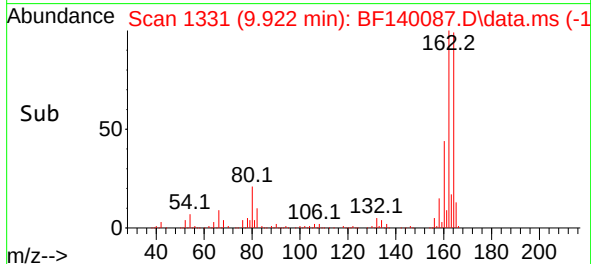
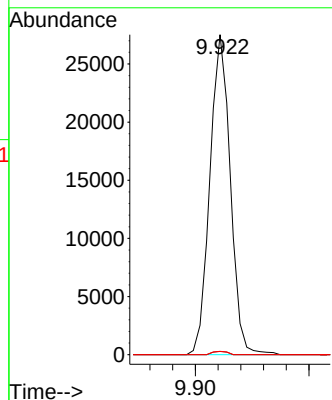
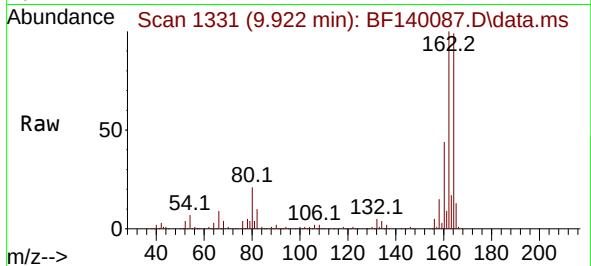




#51
2,6-Dinitrotoluene
Concen: 9.698 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF140087.D
Acq: 28 Oct 2024 15:15

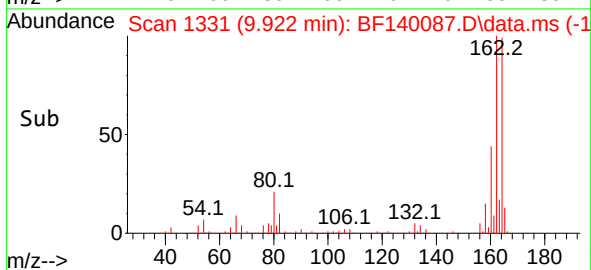
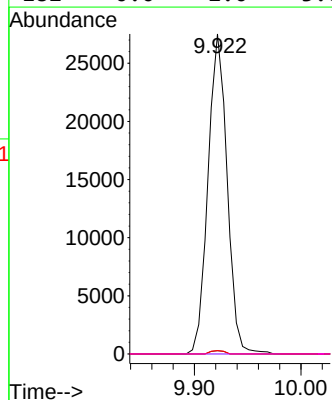
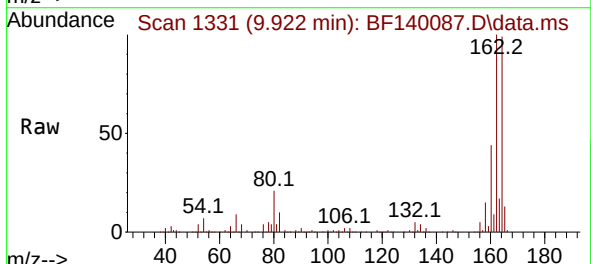
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WC-2

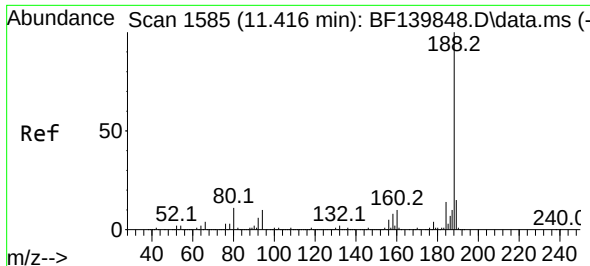
Tgt Ion:165 Resp: 34372
Ion Ratio Lower Upper
165 100
63 1.0 50.6 75.8#
89 1.1 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.886 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140087.D
Acq: 28 Oct 2024 15:15

Tgt Ion:165 Resp: 34373
Ion Ratio Lower Upper
165 100
63 1.0 40.1 60.1#
89 1.1 60.4 90.6#
182 0.0 2.0 3.0#

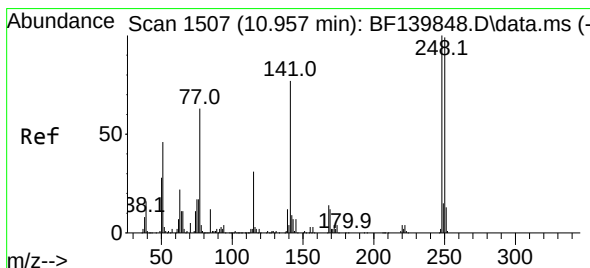
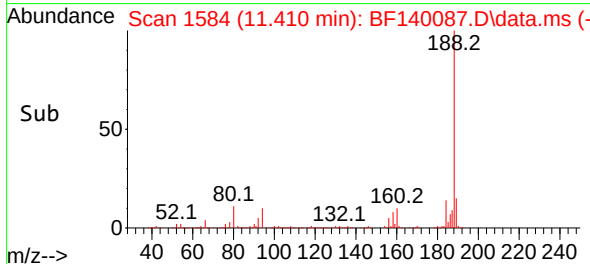
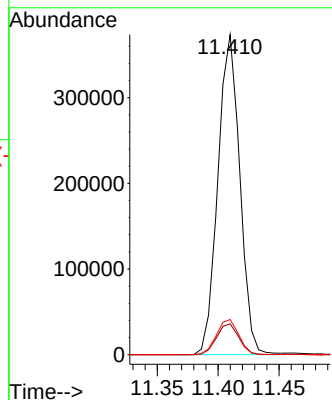
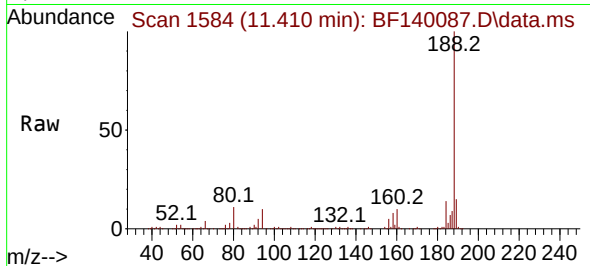




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140087.D
Acq: 28 Oct 2024 15:15

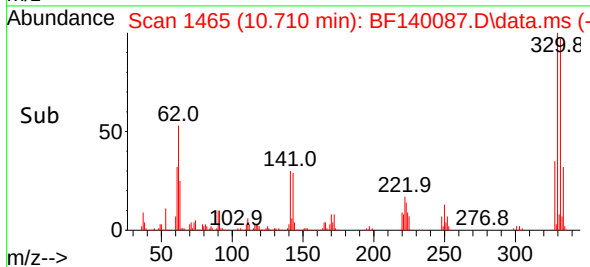
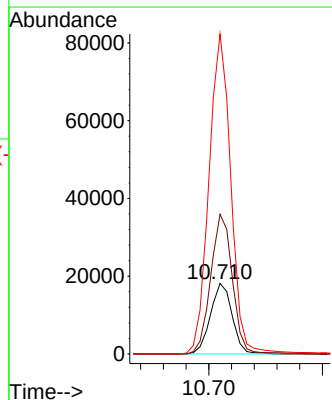
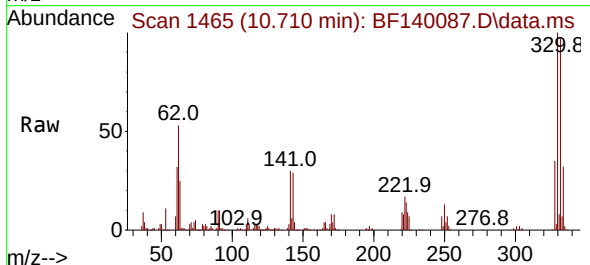
Instrument :
BNA_F
ClientSampleId :
WC-2

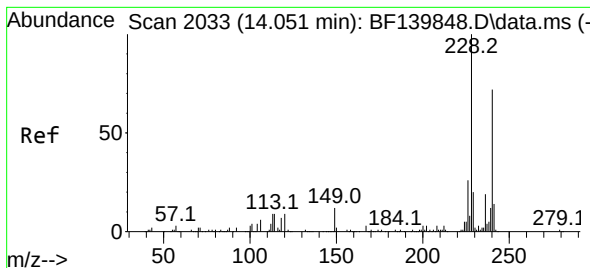
Tgt Ion:188 Resp: 468622
Ion Ratio Lower Upper
188 100
94 9.6 7.9 11.9
80 11.0 9.0 13.4



#67
4-Bromophenyl-phenylether
Concen: 4.988 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.247 min
Lab File: BF140087.D
Acq: 28 Oct 2024 15:15

Tgt Ion:248 Resp: 24082
Ion Ratio Lower Upper
248 100
250 198.2 79.0 118.6#
141 453.8 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: BF140087.D

Acq: 28 Oct 2024 15:15

Instrument :

BNA_F

ClientSampleId :

WC-2

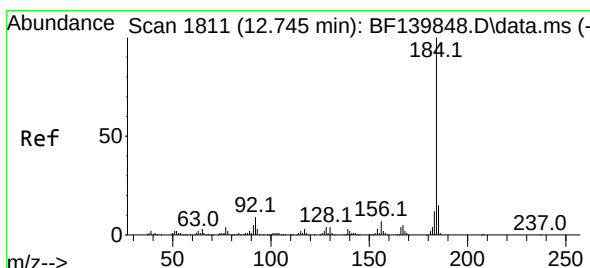
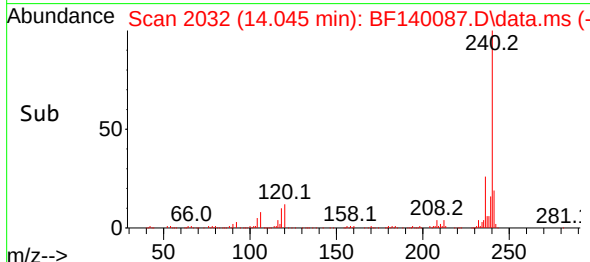
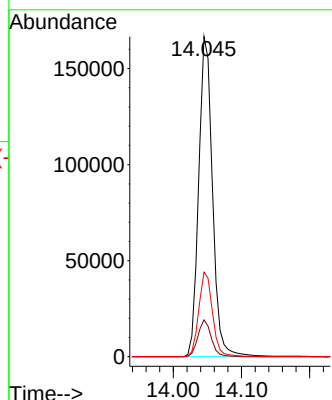
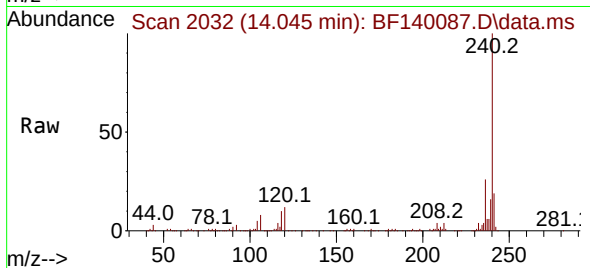
Tgt Ion:240 Resp: 233916

Ion Ratio Lower Upper

240 100

120 11.5 9.4 14.2

236 26.4 20.9 31.3



#77

Benzidine

Concen: 4.754 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.253 min

Lab File: BF140087.D

Acq: 28 Oct 2024 15:15

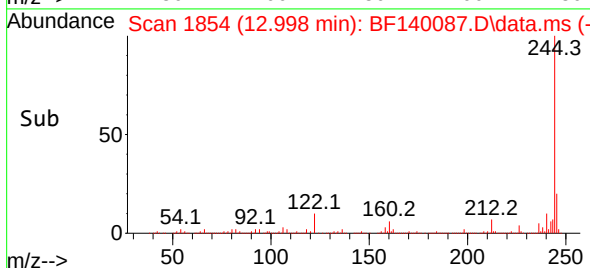
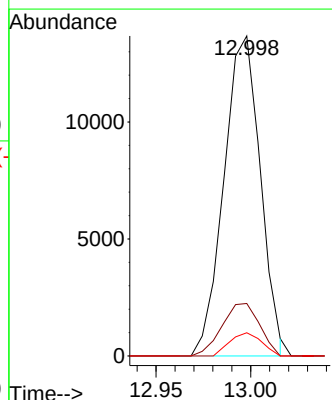
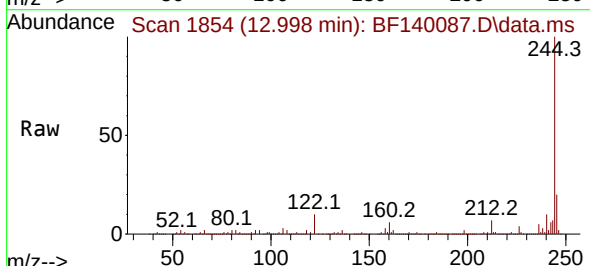
Tgt Ion:184 Resp: 18286

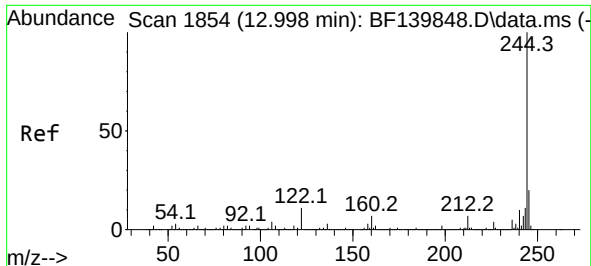
Ion Ratio Lower Upper

184 100

185 16.4 12.0 18.0

183 7.3 9.4 14.2#

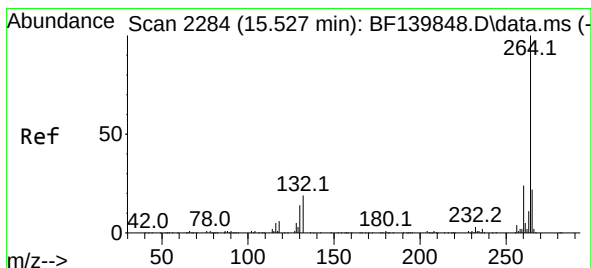
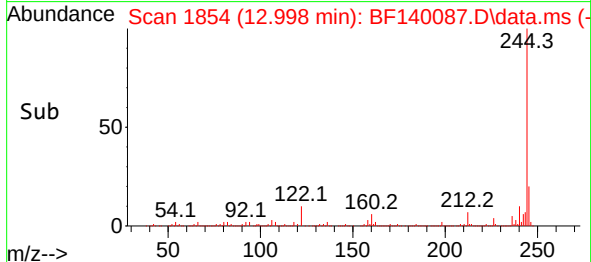
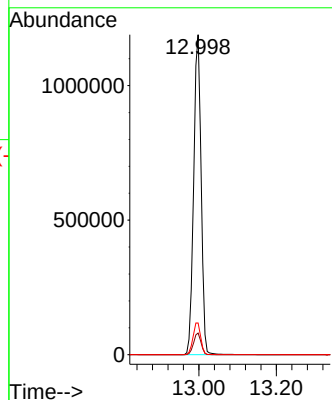
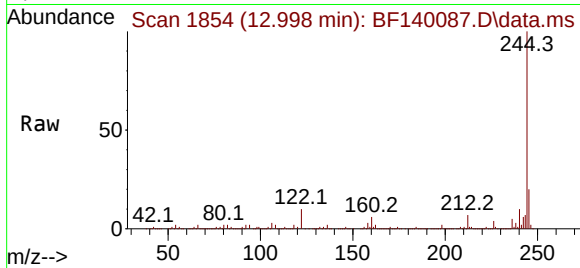




#79
 Terphenyl-d14
 Concen: 110.525 ng
 RT: 12.998 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF140087.D
 Acq: 28 Oct 2024 15:15

Instrument :
 BNA_F
 ClientSampleId :
 WC-2

Tgt Ion:244 Resp: 1586618
 Ion Ratio Lower Upper
 244 100
 212 6.7 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: BF140087.D
 Acq: 28 Oct 2024 15:15

Tgt Ion:264 Resp: 268349
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.2
 265 21.5 17.4 26.0

