

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
 Data File : BF140150.D
 Acq On : 30 Oct 2024 09:00
 Operator : RC/JU
 Sample : P4598-12
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8

Quant Time: Oct 30 09:33:37 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)

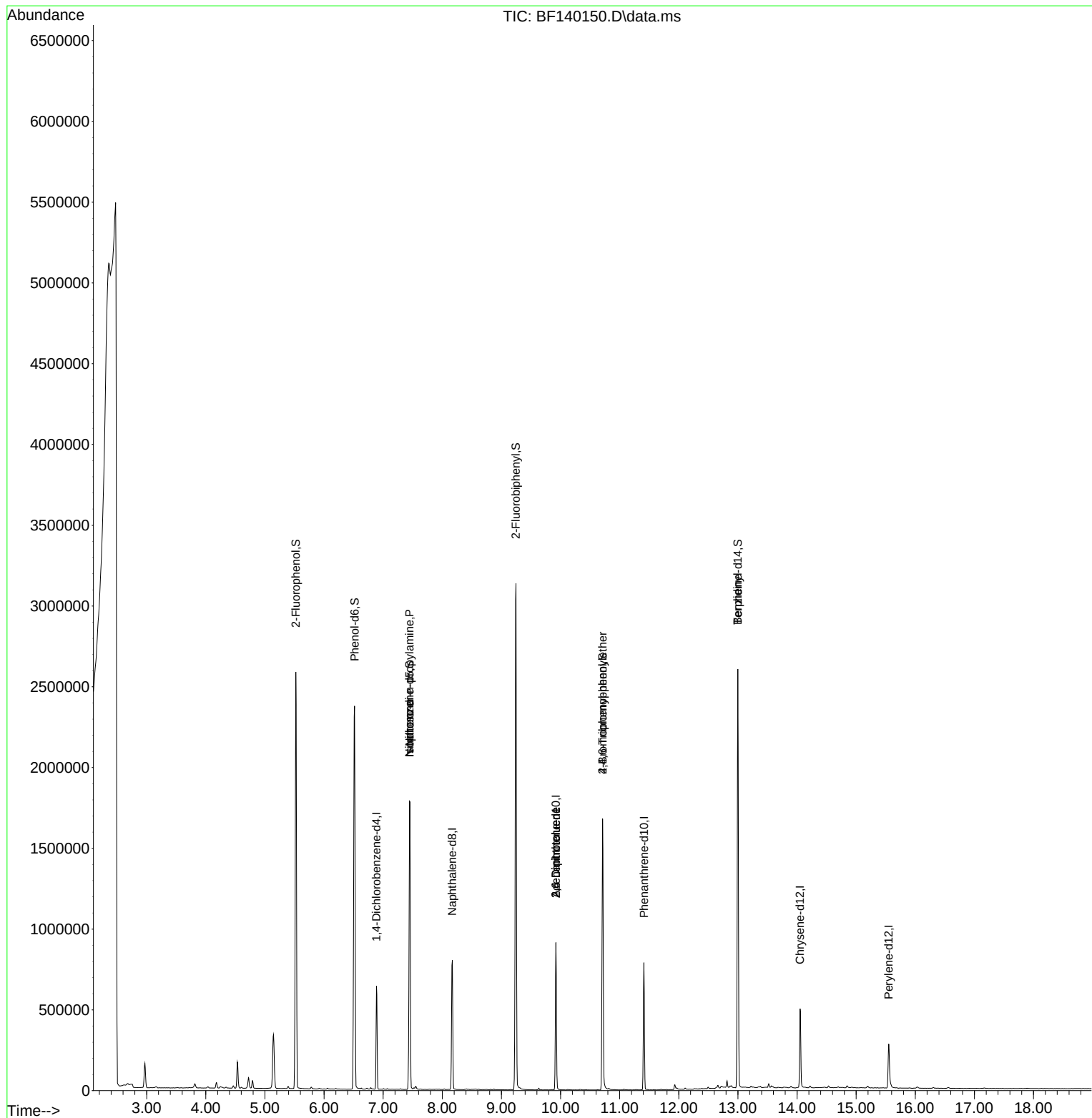
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	125911	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	505954	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	271651	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	408585	20.000	ng	0.00
76) Chrysene-d12	14.051	240	246771	20.000	ng	0.00
86) Perylene-d12	15.551	264	181375	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	997337	124.002	ng	0.02
7) Phenol-d6	6.516	99	1244912	119.509	ng	0.00
23) Nitrobenzene-d5	7.445	82	875536	95.909	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	298288	117.393	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1517528	92.325	ng	0.00
79) Terphenyl-d14	12.998	244	1298688	85.755	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	118880	18.817	ng	# 78
25) Isophorone	7.445	82	870218	50.225	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	34757	9.487	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	34757	7.715	ng	# 21
67) 4-Bromophenyl-phenylether	10.710	248	19337	4.594	ng	# 1
77) Benzidine	12.998	184	16920	4.170	ng	# 94

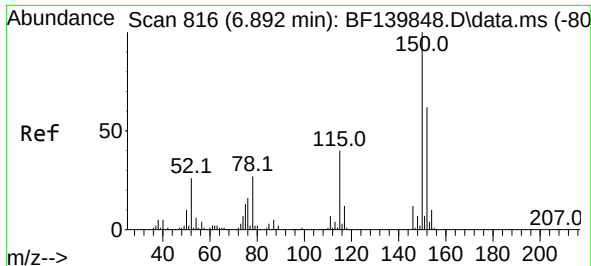
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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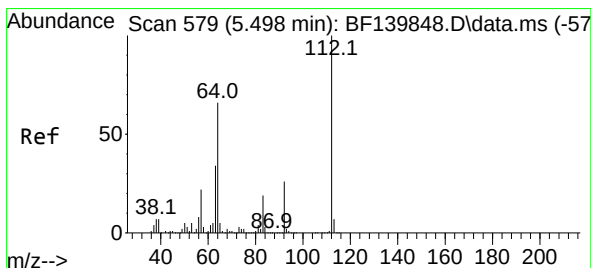
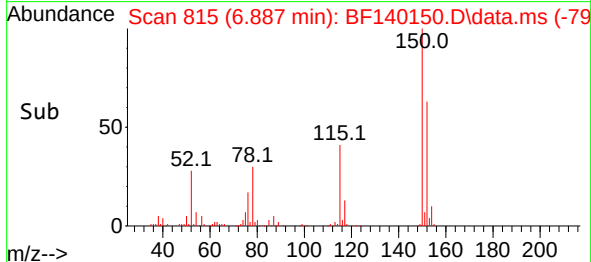
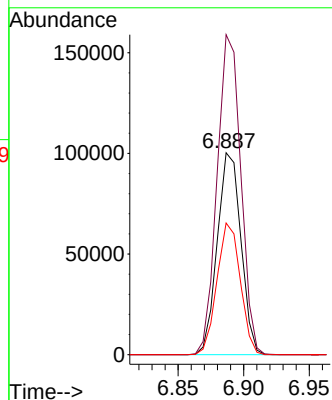
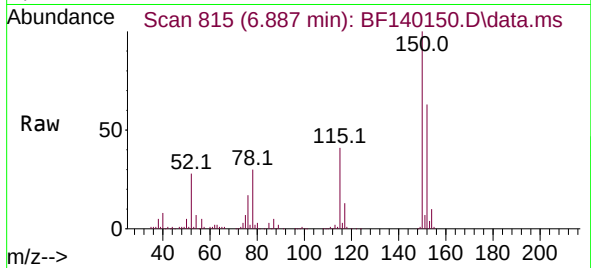




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140150.D
Acq: 30 Oct 2024 09:00

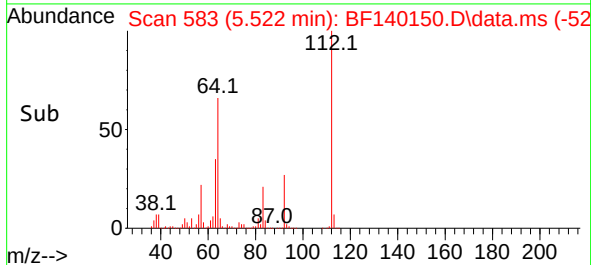
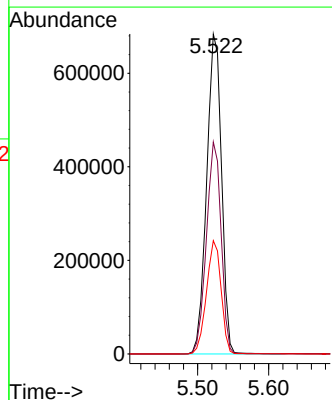
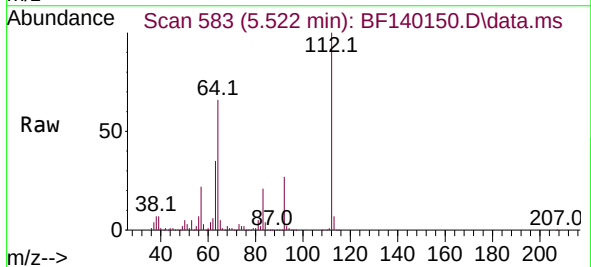
Instrument :
BNA_F
ClientSampleId :
TP-8

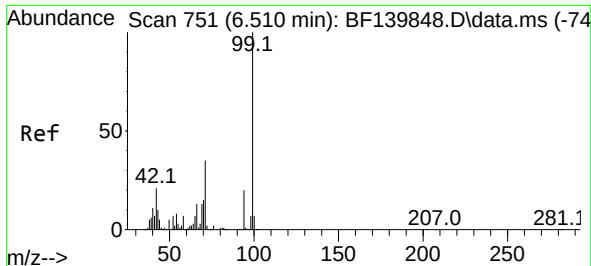
Tgt Ion:152 Resp: 125911
Ion Ratio Lower Upper
152 100
150 158.4 130.2 195.2
115 65.2 51.4 77.2



#5
2-Fluorophenol
Concen: 124.002 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.024 min
Lab File: BF140150.D
Acq: 30 Oct 2024 09:00

Tgt Ion:112 Resp: 997337
Ion Ratio Lower Upper
112 100
64 66.3 53.0 79.6
63 35.4 27.0 40.4



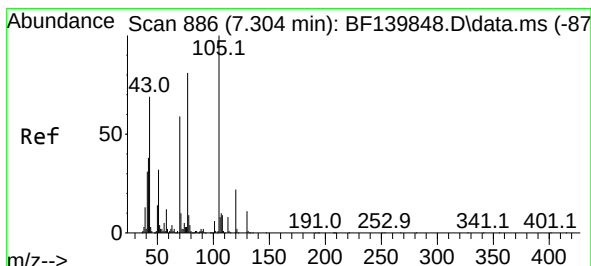
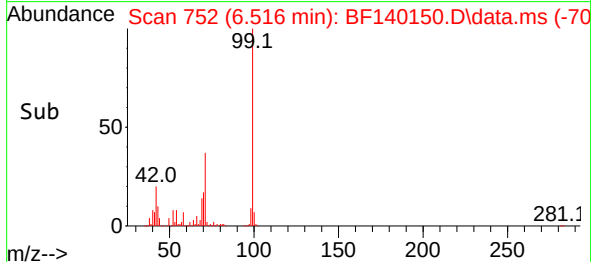
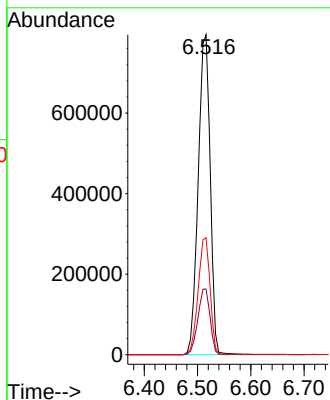
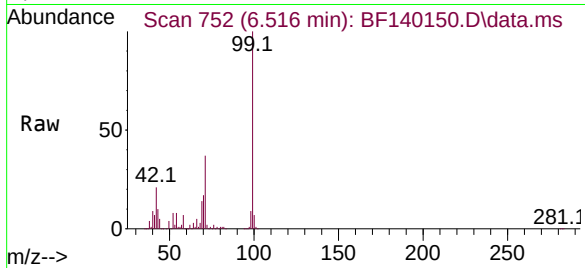


#7
Phenol-d6
Concen: 119.509 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140150.D
Acq: 30 Oct 2024 09:00

Instrument :
BNA_F
ClientSampleId :
TP-8

Tgt Ion: 99 Resp: 1244912

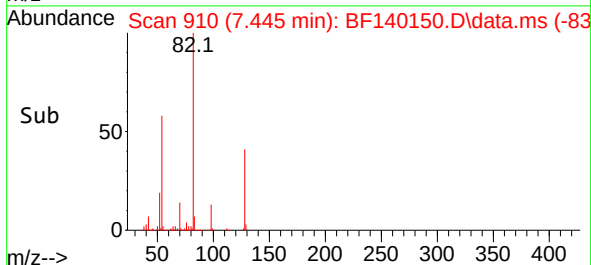
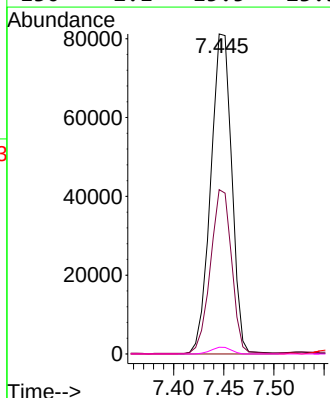
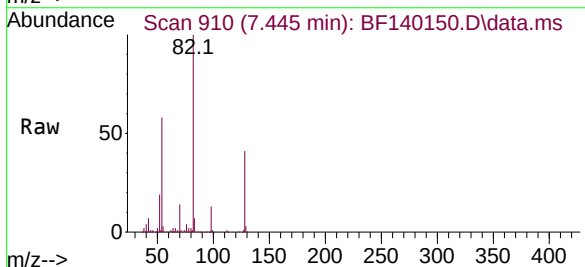
Ion	Ratio	Lower	Upper
99	100		
42	20.5	16.7	25.1
71	36.6	27.7	41.5

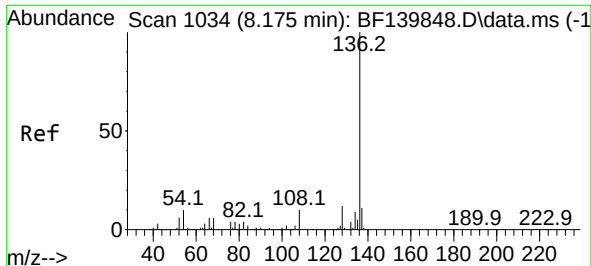


#19
n-Nitroso-di-n-propylamine
Concen: 18.817 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF140150.D
Acq: 30 Oct 2024 09:00

Tgt Ion: 70 Resp: 118880

Ion	Ratio	Lower	Upper
70	100		
42	51.4	51.5	77.3#
101	0.0	7.5	11.3#
130	2.1	15.5	23.3#



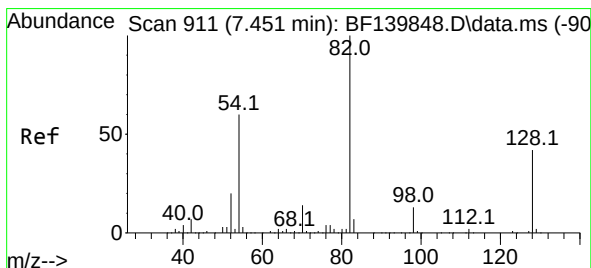
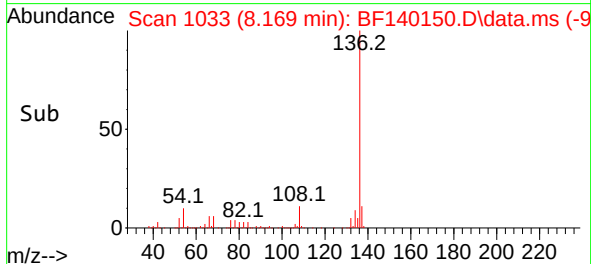
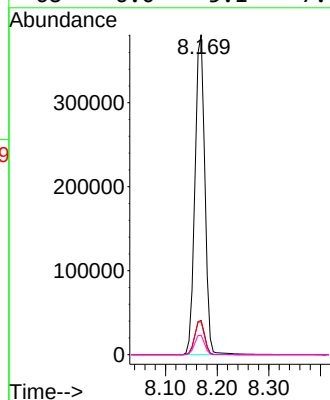
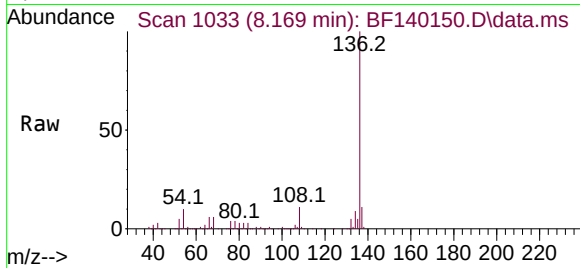


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF140150.D
Acq: 30 Oct 2024 09:00

Instrument :
BNA_F
ClientSampleId :
TP-8

Tgt Ion:136 Resp: 505954

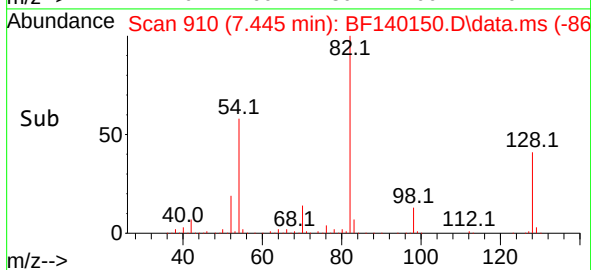
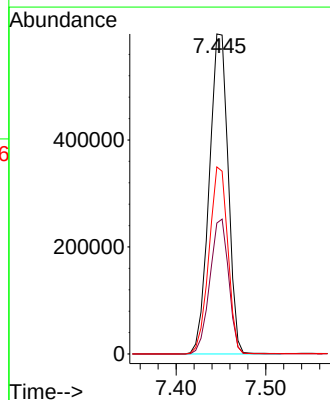
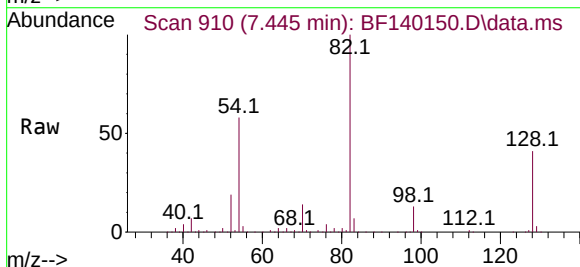
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	10.2	8.4	12.6
68	6.0	5.1	7.7

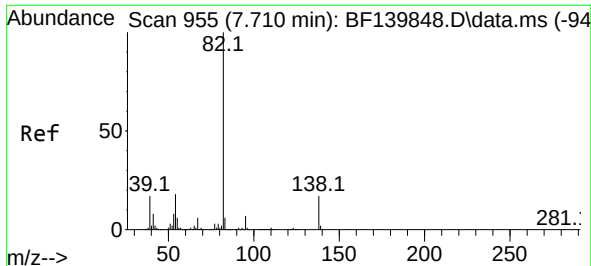


#23
Nitrobenzene-d5
Concen: 95.909 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF140150.D
Acq: 30 Oct 2024 09:00

Tgt Ion: 82 Resp: 875536

Ion	Ratio	Lower	Upper
82	100		
128	40.9	33.4	50.0
54	58.5	47.8	71.8

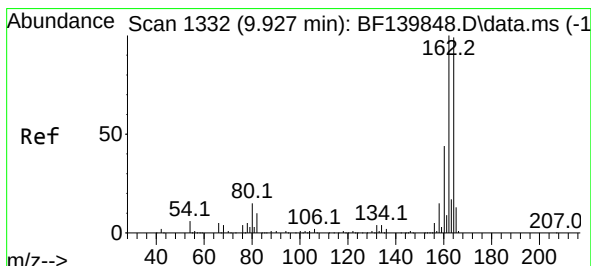
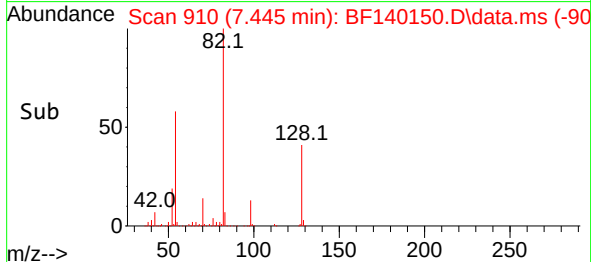
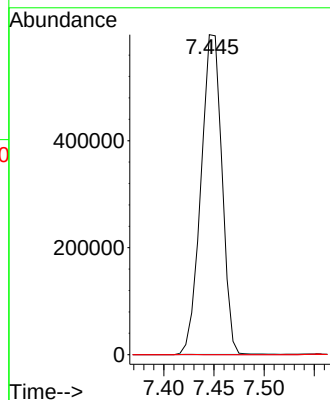
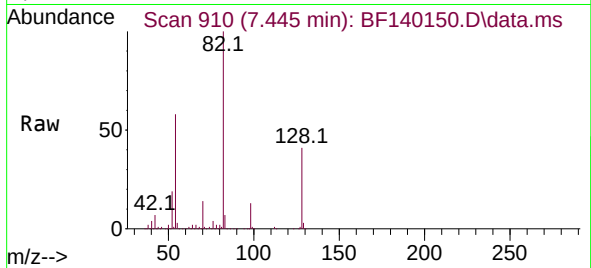




#25
Isophorone
Concen: 50.225 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.265 min
Lab File: BF140150.D
Acq: 30 Oct 2024 09:00

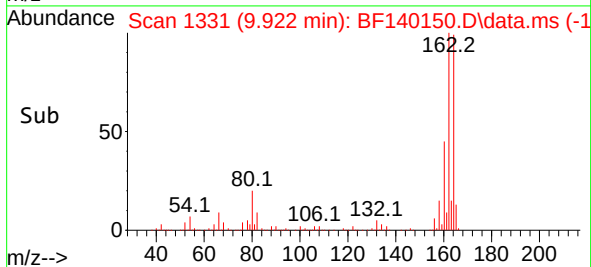
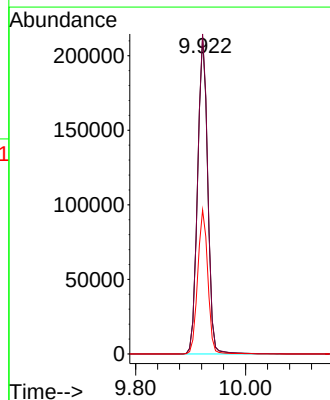
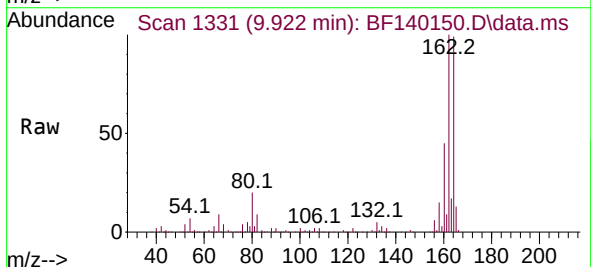
Instrument :
BNA_F
ClientSampleId :
TP-8

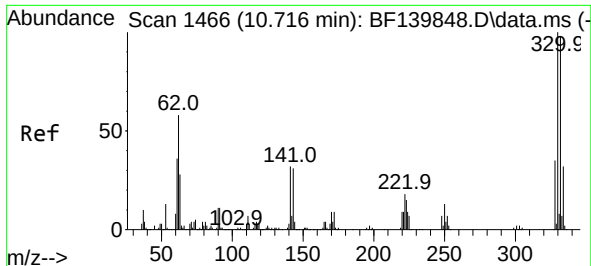
Tgt Ion: 82 Resp: 870218
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140150.D
Acq: 30 Oct 2024 09:00

Tgt Ion: 164 Resp: 271651
Ion Ratio Lower Upper
164 100
162 100.9 81.0 121.4
160 45.4 35.4 53.0

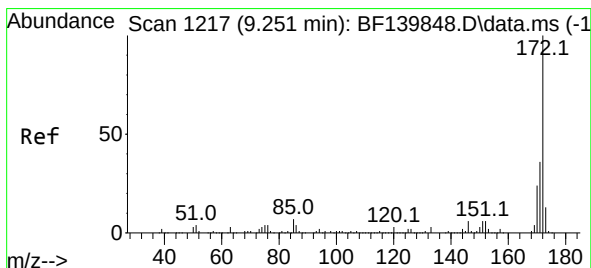
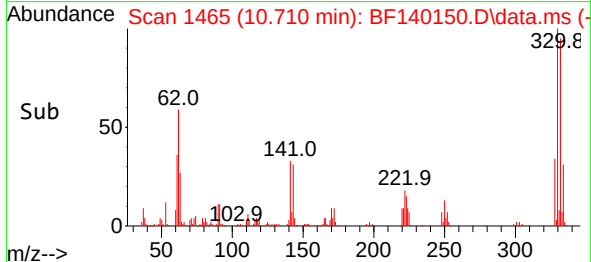
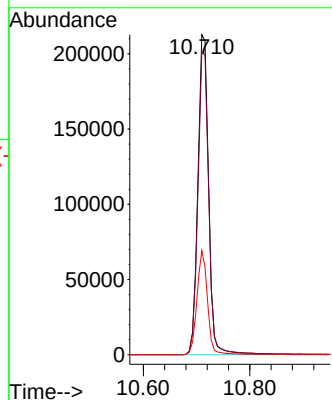
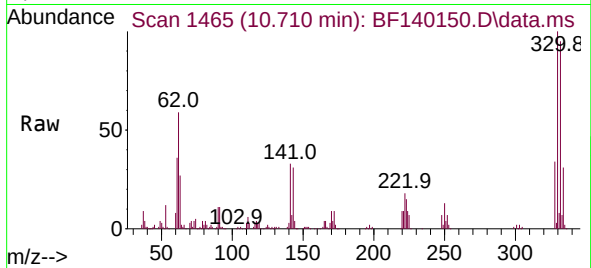




#42
2,4,6-Tribromophenol
Concen: 117.393 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF140150.D
Acq: 30 Oct 2024 09:00

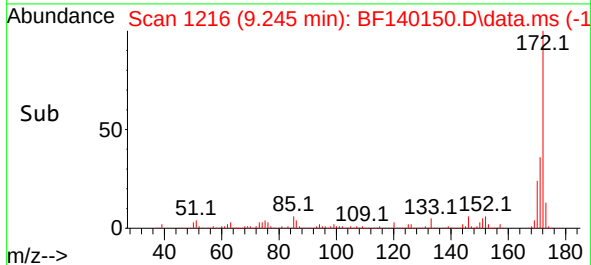
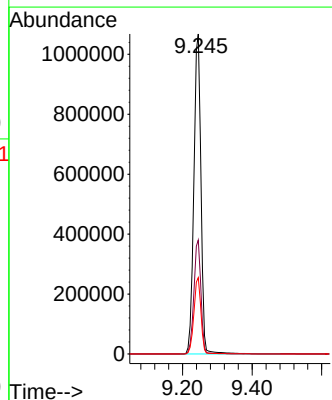
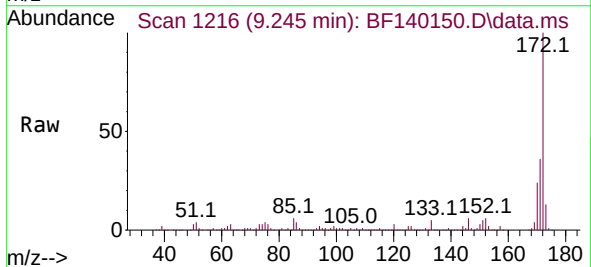
Instrument :
BNA_F
ClientSampleId :
TP-8

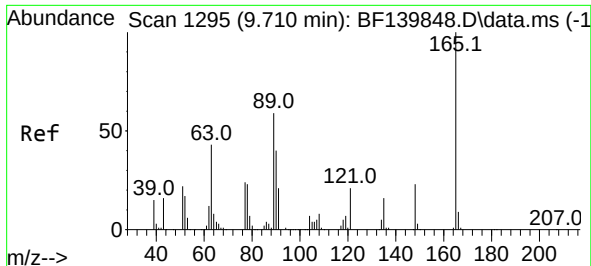
Tgt Ion:330 Resp: 298288
Ion Ratio Lower Upper
330 100
332 95.7 78.1 117.1
141 31.8 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 92.325 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140150.D
Acq: 30 Oct 2024 09:00

Tgt Ion:172 Resp: 1517528
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 23.8 19.1 28.7

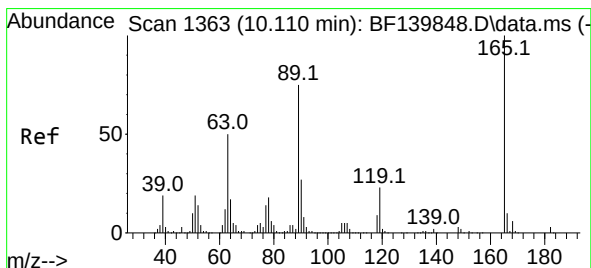
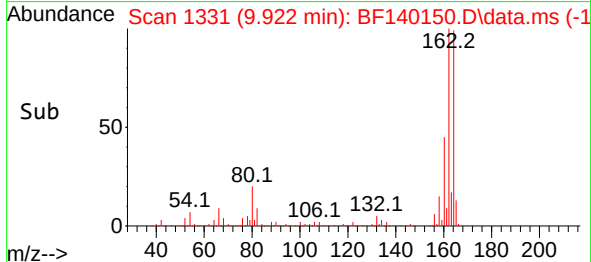
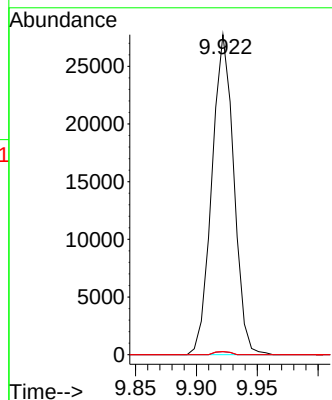
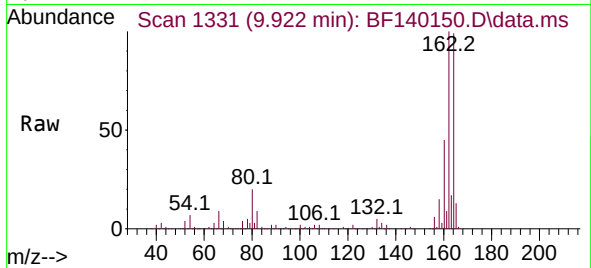




#51
 2,6-Dinitrotoluene
 Concen: 9.487 ng
 RT: 9.922 min Scan# 11
 Delta R.T. 0.212 min
 Lab File: BF140150.D
 Acq: 30 Oct 2024 09:00

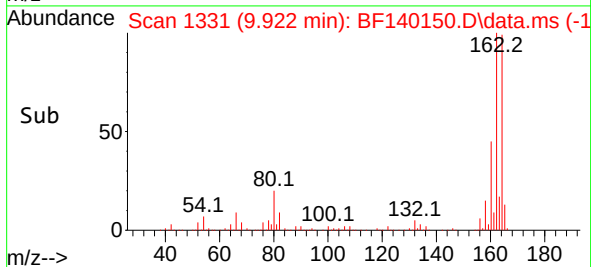
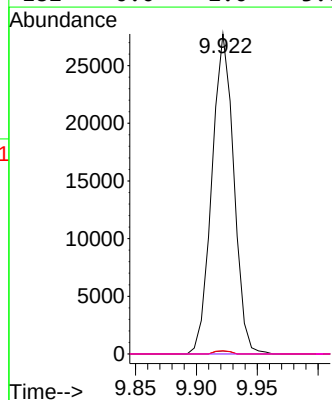
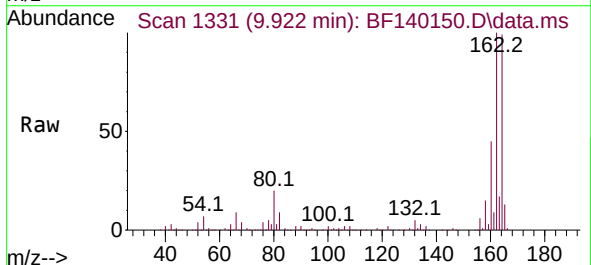
Instrument :
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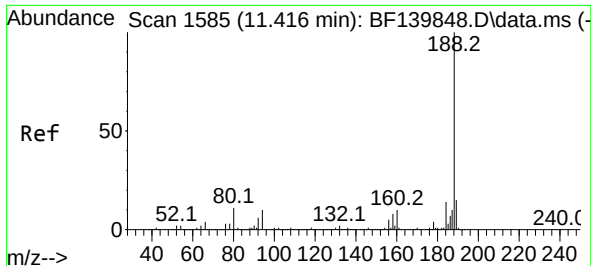
Tgt Ion:165 Resp: 34757
 Ion Ratio Lower Upper
 165 100
 63 0.9 50.6 75.8#
 89 1.0 47.5 71.3#



#57
 2,4-Dinitrotoluene
 Concen: 7.715 ng
 RT: 9.922 min Scan# 1331
 Delta R.T. -0.188 min
 Lab File: BF140150.D
 Acq: 30 Oct 2024 09:00

Tgt Ion:165 Resp: 34757
 Ion Ratio Lower Upper
 165 100
 63 0.9 40.1 60.1#
 89 1.0 60.4 90.6#
 182 0.0 2.0 3.0#

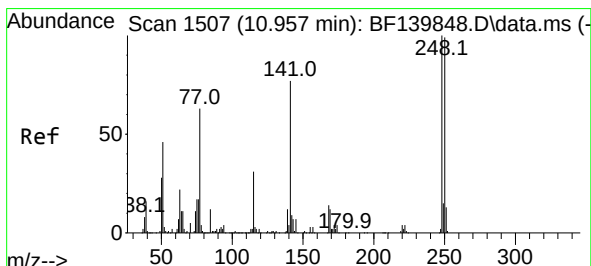
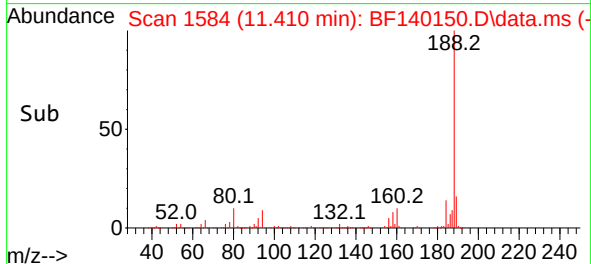
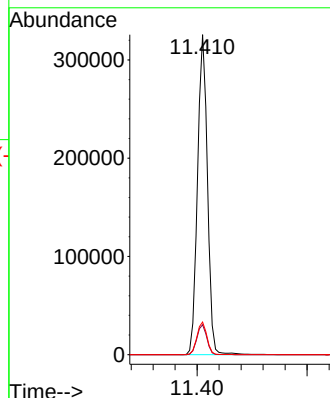
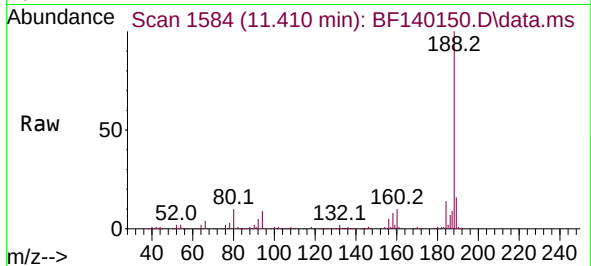




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140150.D
Acq: 30 Oct 2024 09:00

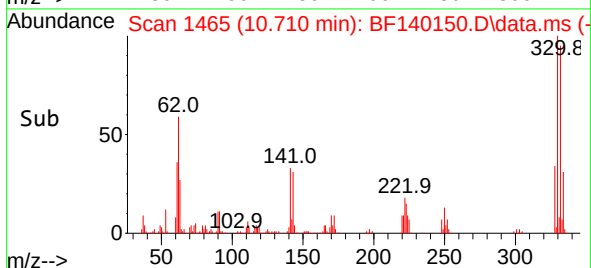
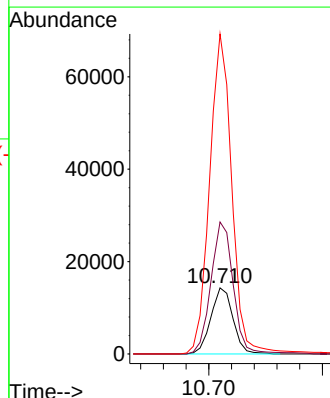
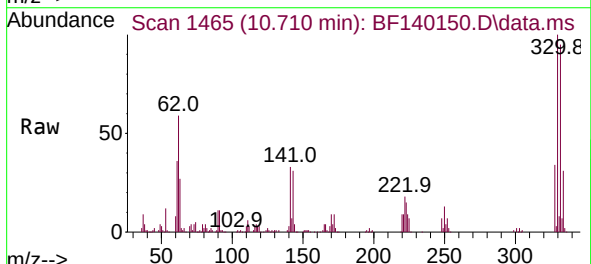
Instrument :
BNA_F
ClientSampleId :
TP-8

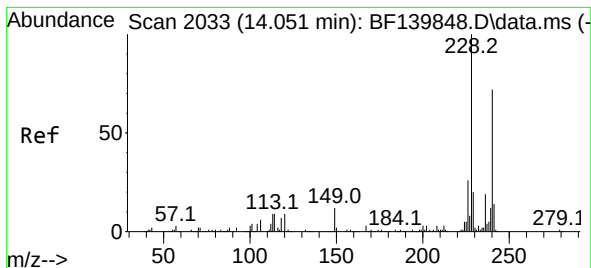
Tgt Ion:188 Resp: 408585
Ion Ratio Lower Upper
188 100
94 9.4 7.9 11.9
80 10.2 9.0 13.4



#67
4-Bromophenyl-phenylether
Concen: 4.594 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.247 min
Lab File: BF140150.D
Acq: 30 Oct 2024 09:00

Tgt Ion:248 Resp: 19337
Ion Ratio Lower Upper
248 100
250 199.7 79.0 118.6#
141 484.0 61.7 92.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF140150.D

Acq: 30 Oct 2024 09:00

Instrument :

BNA_F

ClientSampleId :

TP-8

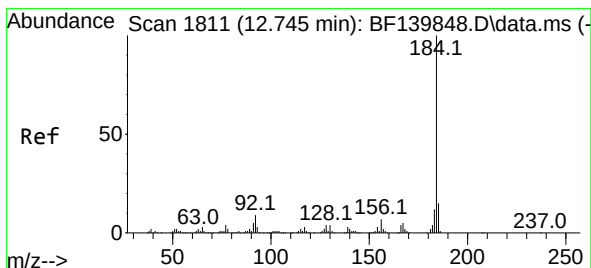
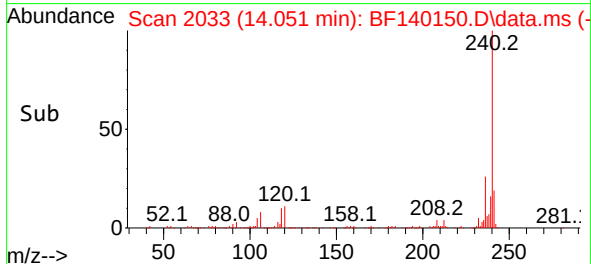
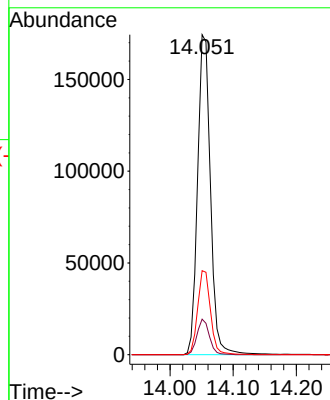
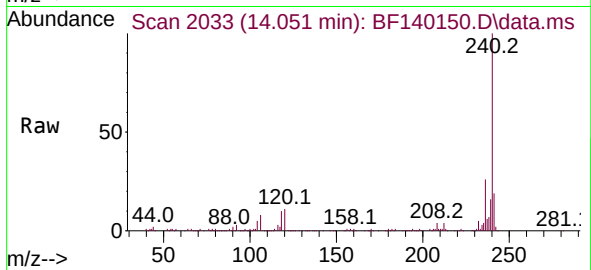
Tgt Ion:240 Resp: 246771

Ion Ratio Lower Upper

240 100

120 11.1 9.4 14.2

236 26.3 20.9 31.3



#77

Benzidine

Concen: 4.170 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.253 min

Lab File: BF140150.D

Acq: 30 Oct 2024 09:00

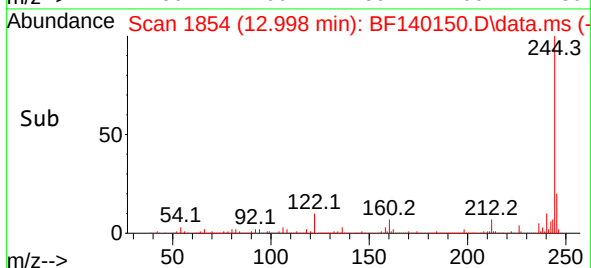
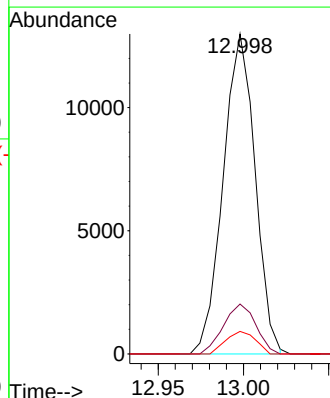
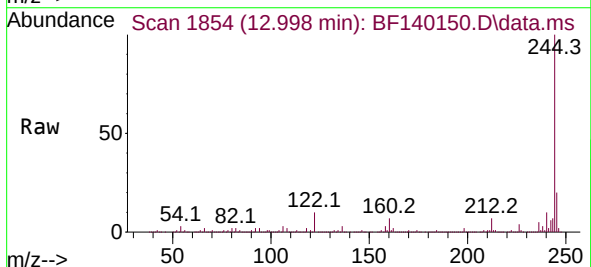
Tgt Ion:184 Resp: 16920

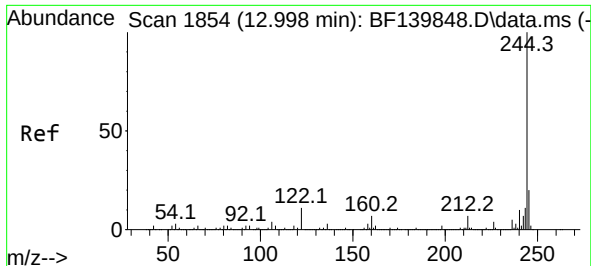
Ion Ratio Lower Upper

184 100

185 15.6 12.0 18.0

183 7.1 9.4 14.2#

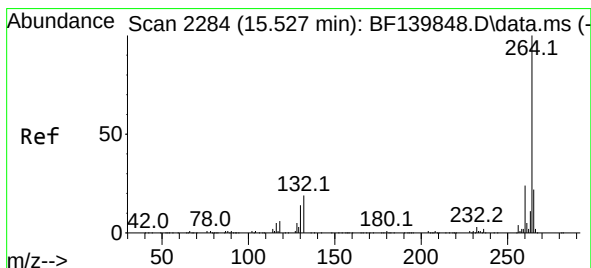
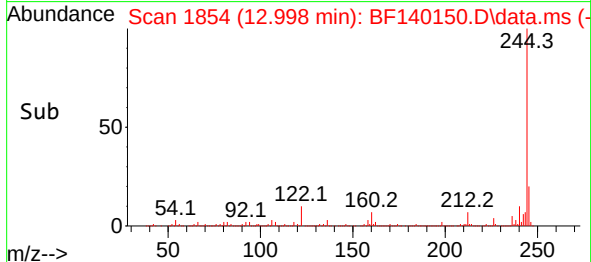
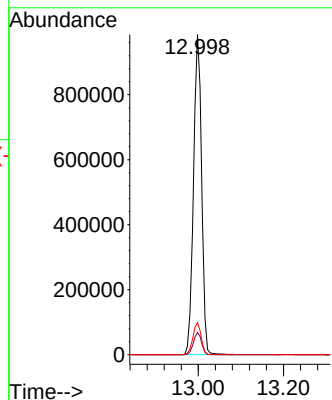
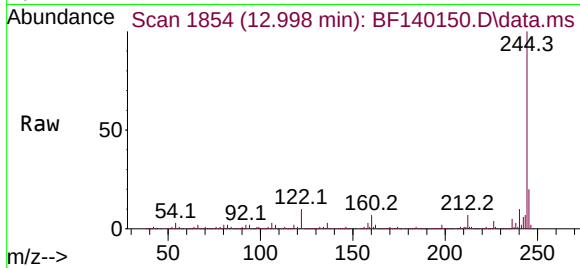




#79
 Terphenyl-d14
 Concen: 85.755 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF140150.D
 Acq: 30 Oct 2024 09:00

Instrument :
 BNA_F
 ClientSampleId :
 TP-8

Tgt Ion:244 Resp: 1298688
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 10.0 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2288
 Delta R.T. 0.024 min
 Lab File: BF140150.D
 Acq: 30 Oct 2024 09:00

Tgt Ion:264 Resp: 181375
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.2
 265 20.8 17.4 26.0

