

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102624\
 Data File : BF140070.D
 Acq On : 26 Oct 2024 20:05
 Operator : RC/JU
 Sample : P4508-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Quant Time: Oct 28 01:10:28 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)

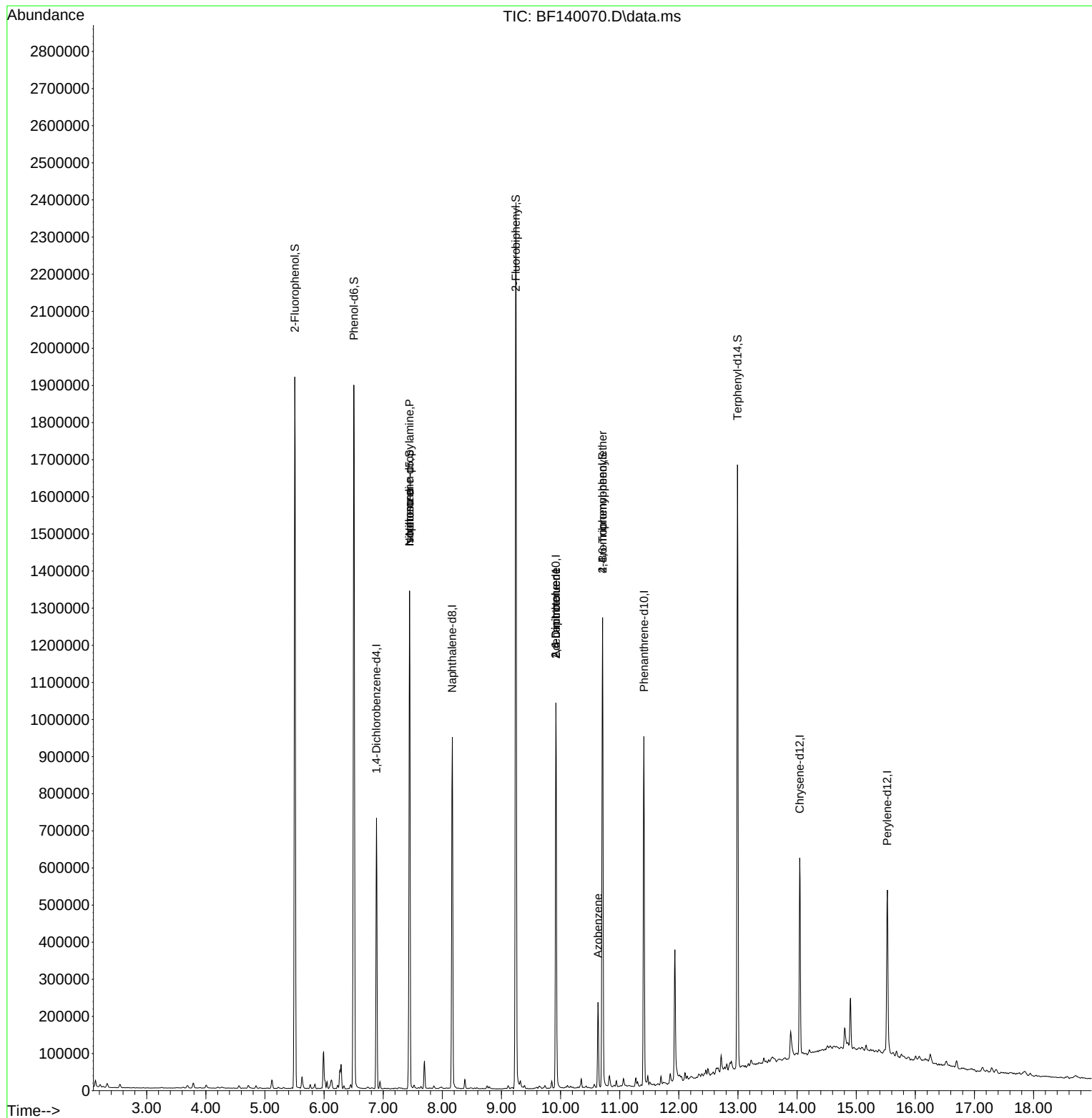
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	143289	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	572773	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	315839	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	493648	20.000	ng	0.00
76) Chrysene-d12	14.045	240	255382	20.000	ng	0.00
86) Perylene-d12	15.527	264	270585	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	713907	77.997	ng	0.00
7) Phenol-d6	6.504	99	920626	77.660	ng	0.00
23) Nitrobenzene-d5	7.445	82	603832	58.429	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	219519	74.306	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1100677	57.595	ng	0.00
79) Terphenyl-d14	12.992	244	802711	51.217	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	80607	11.211	ng	# 76
25) Isophorone	7.445	82	599552	30.566	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	40432	9.492	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	40487	7.729	ng	# 21
63) Azobenzene	10.633	77	57595	2.813	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	14285	2.809	ng	# 1

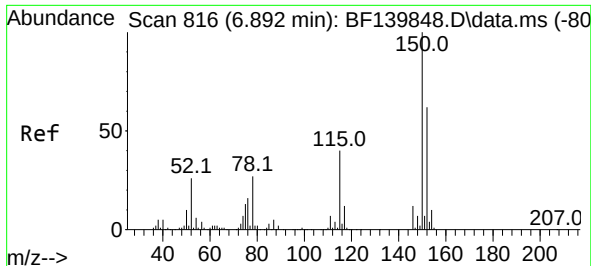
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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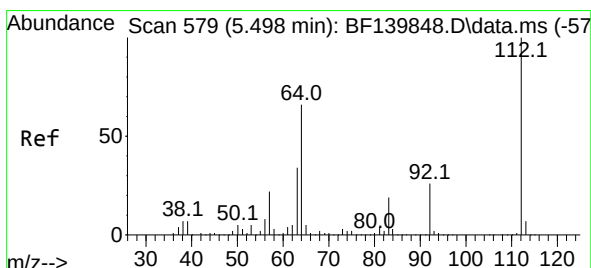
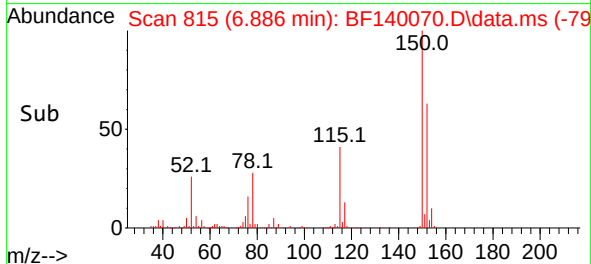
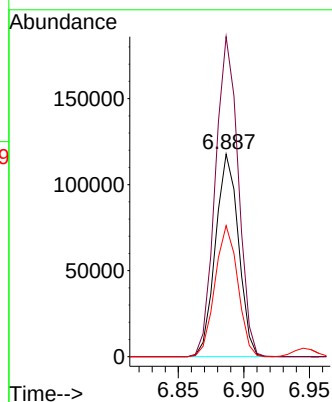
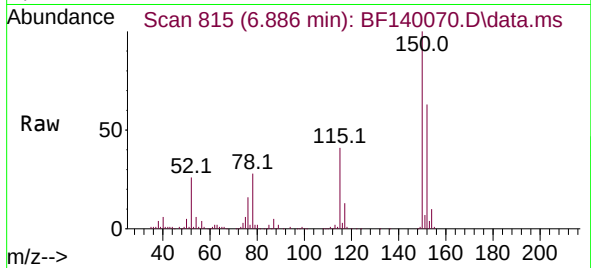




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140070.D
Acq: 26 Oct 2024 20:05

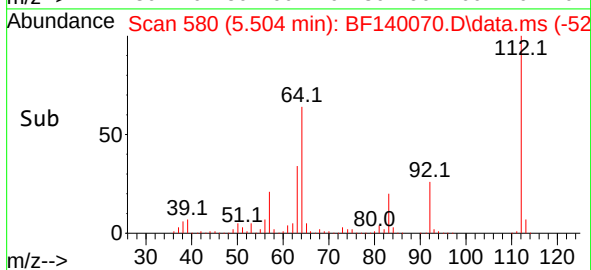
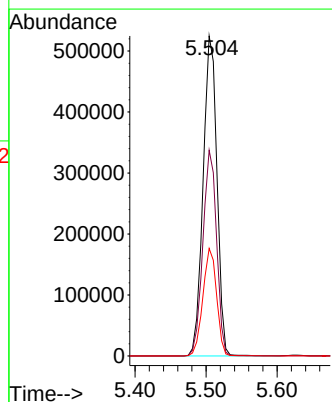
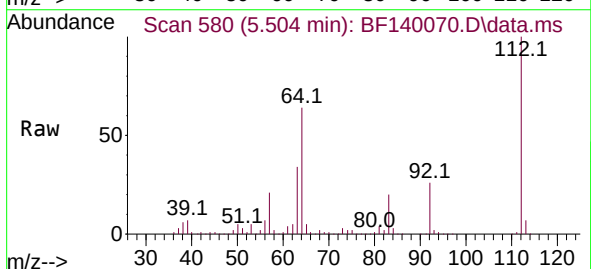
Instrument :
BNA_F
ClientSampleId :
TP-3

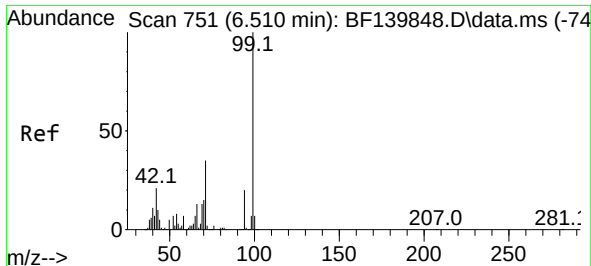
Tgt Ion:152 Resp: 143289
Ion Ratio Lower Upper
152 100
150 157.9 130.2 195.2
115 64.7 51.4 77.2



#5
2-Fluorophenol
Concen: 77.997 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140070.D
Acq: 26 Oct 2024 20:05

Tgt Ion:112 Resp: 713907
Ion Ratio Lower Upper
112 100
64 64.3 53.0 79.6
63 33.6 27.0 40.4

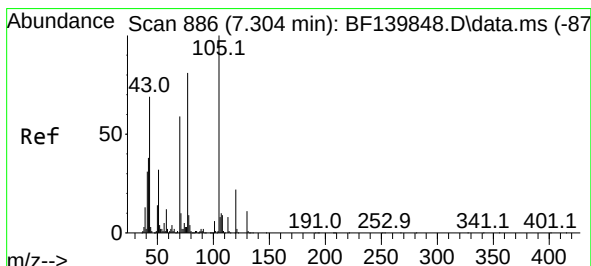
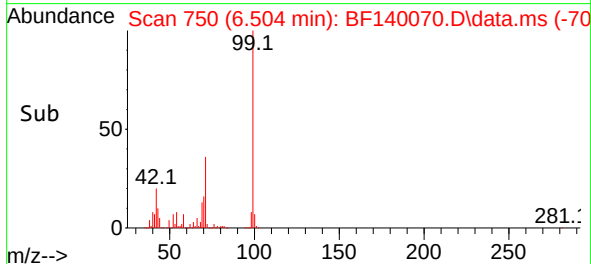
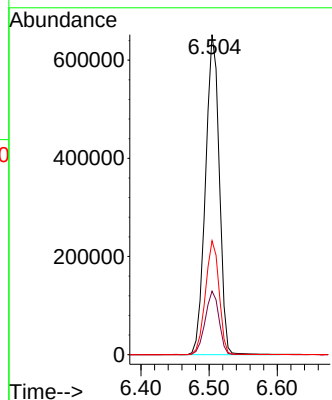
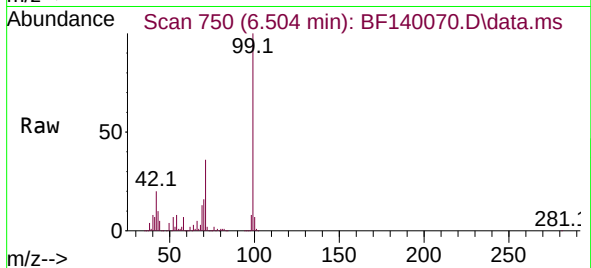




#7
Phenol-d6
Concen: 77.660 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140070.D
Acq: 26 Oct 2024 20:05

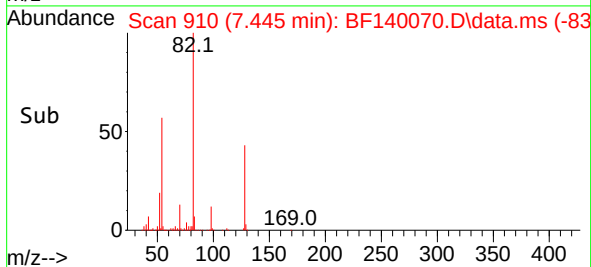
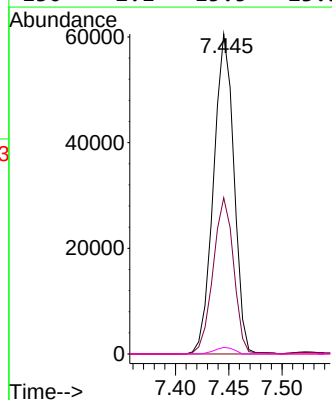
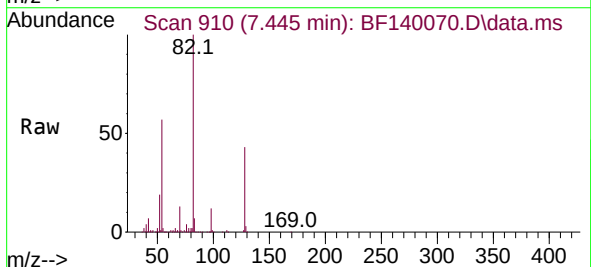
Instrument :
BNA_F
ClientSampleId :
TP-3

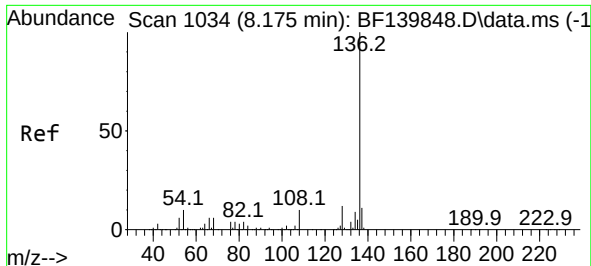
Tgt Ion: 99 Resp: 920626
Ion Ratio Lower Upper
99 100
42 19.8 16.7 25.1
71 35.6 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 11.211 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF140070.D
Acq: 26 Oct 2024 20:05

Tgt Ion: 70 Resp: 80607
Ion Ratio Lower Upper
70 100
42 48.8 51.5 77.3#
101 0.0 7.5 11.3#
130 2.1 15.5 23.3#



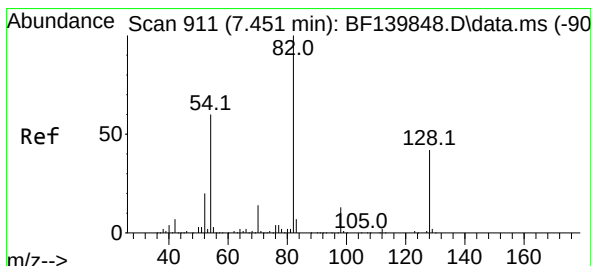
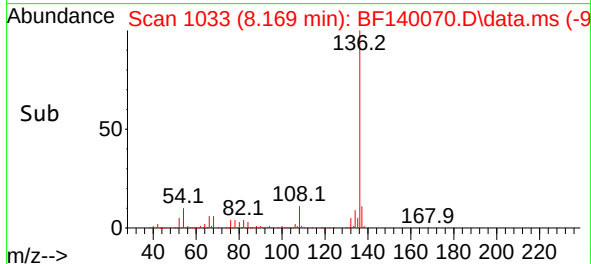
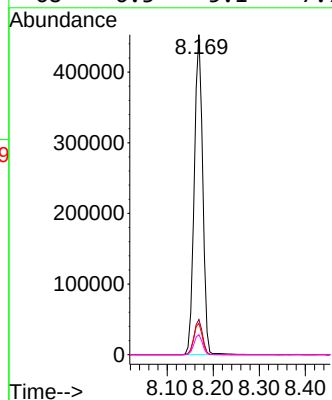
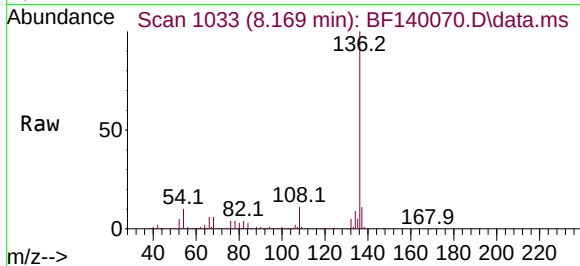


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF140070.D
Acq: 26 Oct 2024 20:05

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:136 Resp: 572773

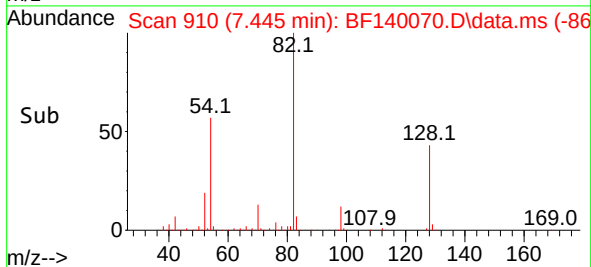
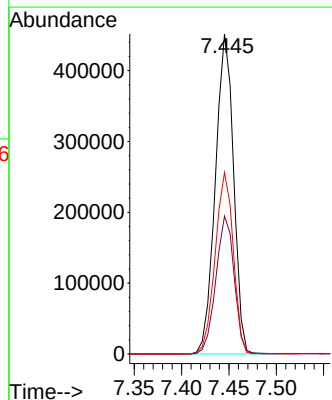
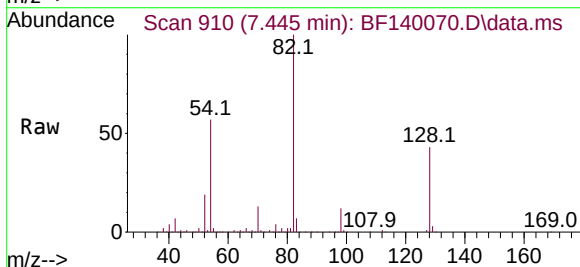
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	9.8	8.4	12.6
68	6.3	5.1	7.7

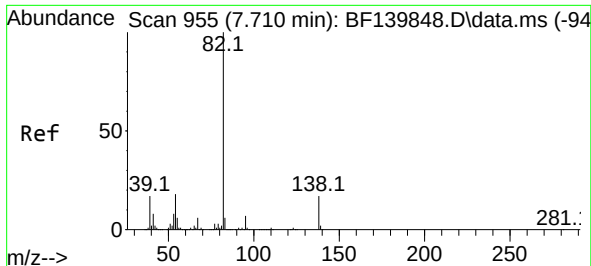


#23
Nitrobenzene-d5
Concen: 58.429 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF140070.D
Acq: 26 Oct 2024 20:05

Tgt Ion: 82 Resp: 603832

Ion	Ratio	Lower	Upper
82	100		
128	43.1	33.4	50.0
54	56.7	47.8	71.8

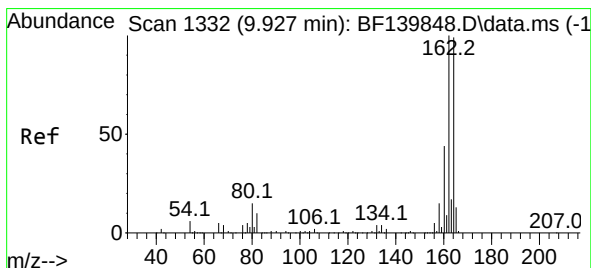
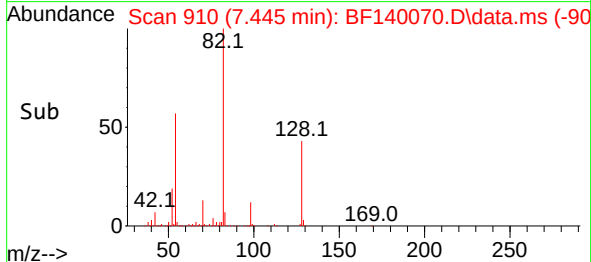
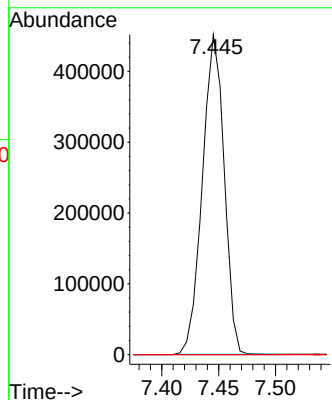
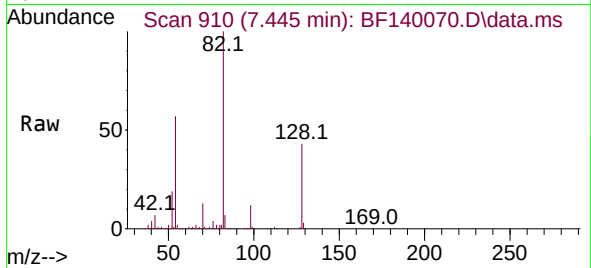




#25
Isophorone
Concen: 30.566 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF140070.D
Acq: 26 Oct 2024 20:05

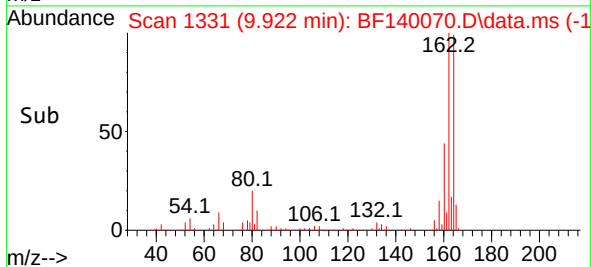
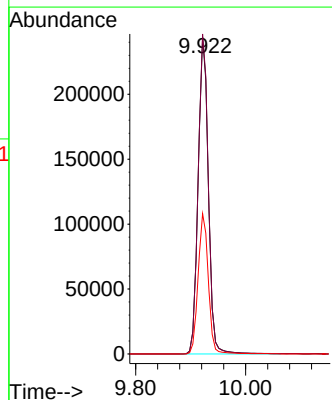
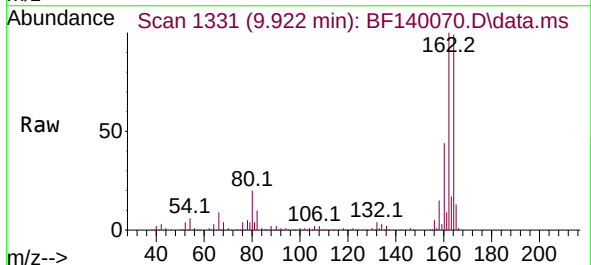
Instrument :
BNA_F
ClientSampleId :
TP-3

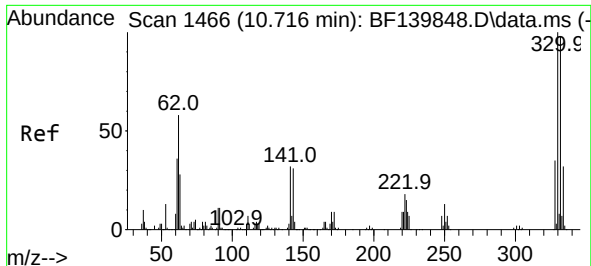
Tgt Ion: 82 Resp: 599552
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140070.D
Acq: 26 Oct 2024 20:05

Tgt Ion: 164 Resp: 315839
Ion Ratio Lower Upper
164 100
162 101.0 81.0 121.4
160 44.3 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 74.306 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF140070.D

Acq: 26 Oct 2024 20:05

Instrument :

BNA_F

ClientSampleId :

TP-3

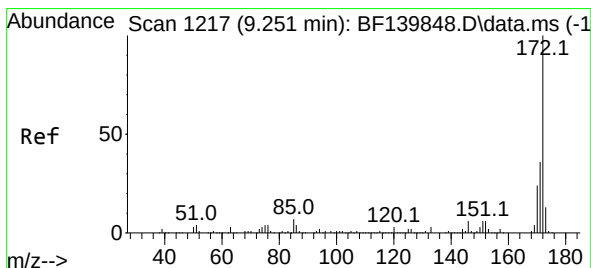
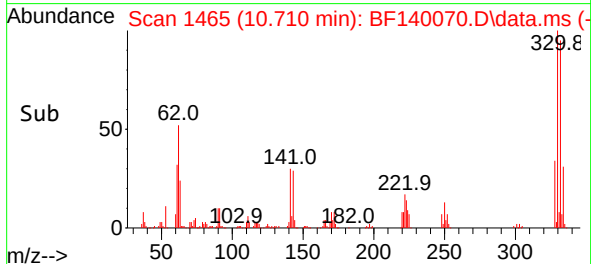
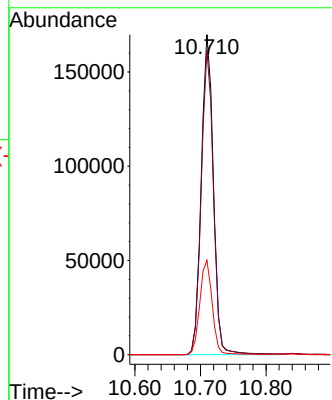
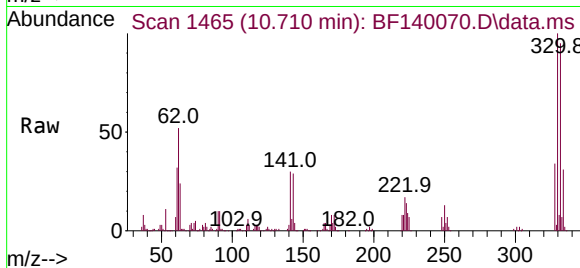
Tgt Ion:330 Resp: 219519

Ion Ratio Lower Upper

330 100

332 95.1 78.1 117.1

141 30.2 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 57.595 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140070.D

Acq: 26 Oct 2024 20:05

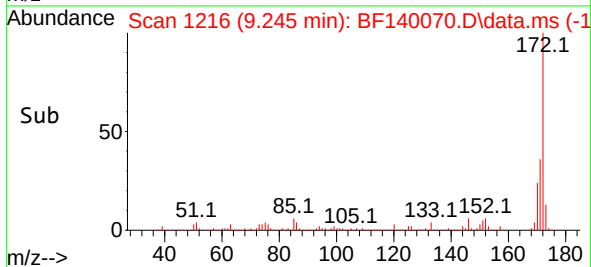
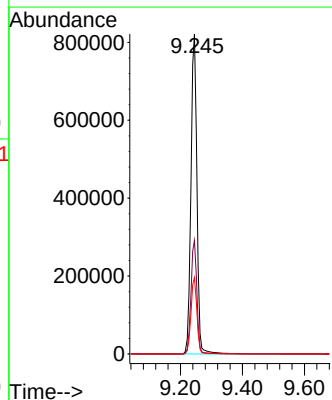
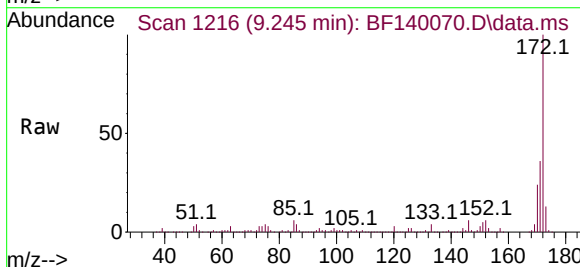
Tgt Ion:172 Resp: 1100677

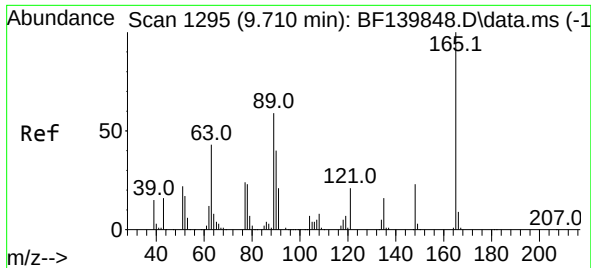
Ion Ratio Lower Upper

172 100

171 35.5 28.6 43.0

170 23.9 19.1 28.7

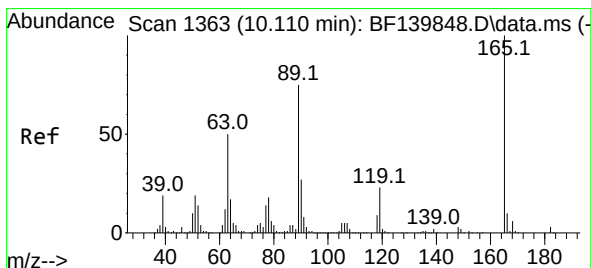
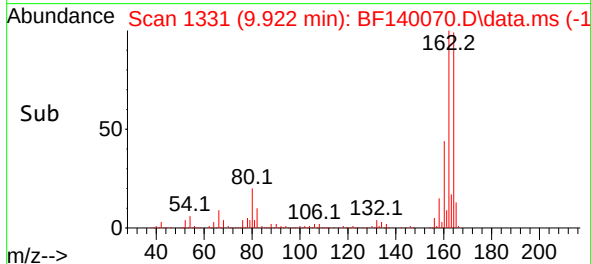
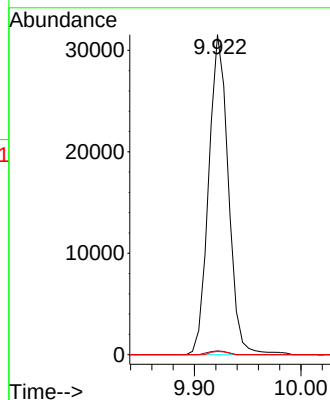
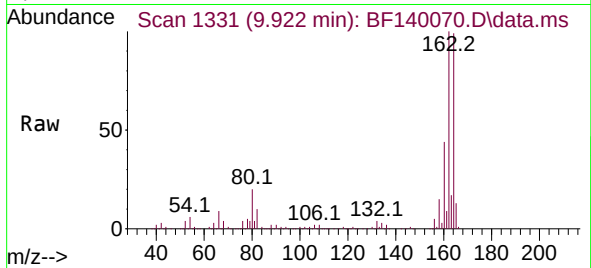




#51
2,6-Dinitrotoluene
Concen: 9.492 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF140070.D
Acq: 26 Oct 2024 20:05

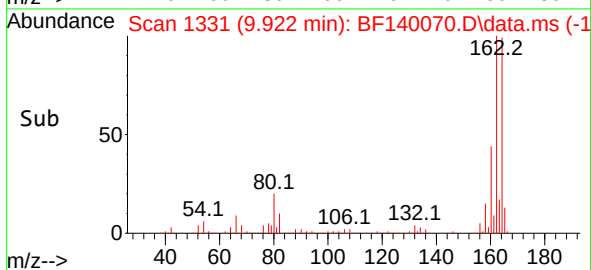
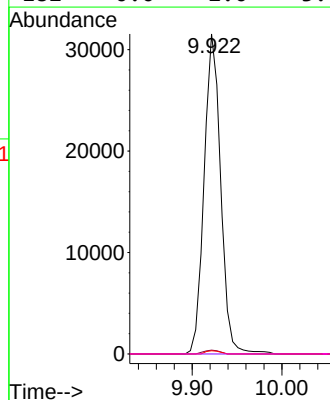
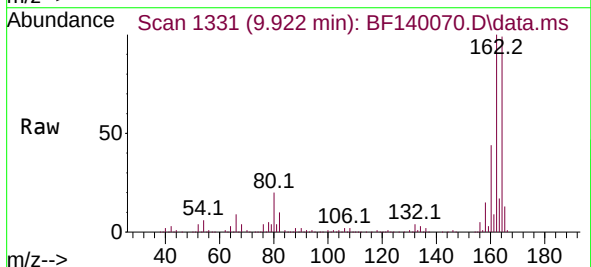
Instrument :
BNA_F
ClientSampleId :
TP-3

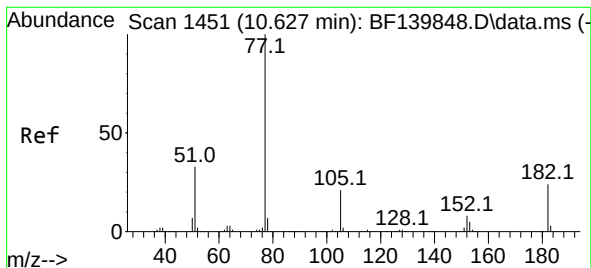
Tgt Ion:165 Resp: 40432
Ion Ratio Lower Upper
165 100
63 1.2 50.6 75.8#
89 1.0 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.729 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140070.D
Acq: 26 Oct 2024 20:05

Tgt Ion:165 Resp: 40487
Ion Ratio Lower Upper
165 100
63 1.2 40.1 60.1#
89 1.0 60.4 90.6#
182 0.0 2.0 3.0#





#63

Azobenzene

Concen: 2.813 ng

RT: 10.633 min Scan# 1451

Delta R.T. 0.006 min

Lab File: BF140070.D

Acq: 26 Oct 2024 20:05

Instrument :

BNA_F

ClientSampleId :

TP-3

Tgt Ion: 77 Resp: 57595

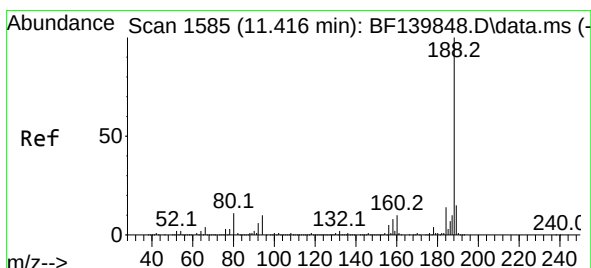
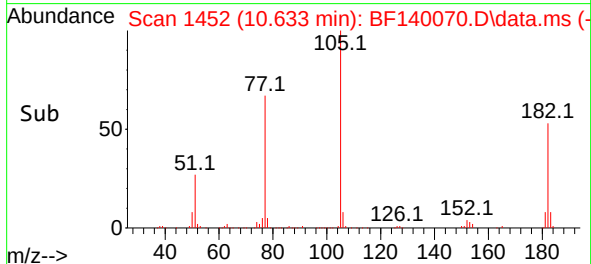
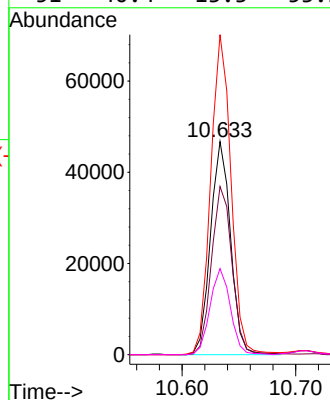
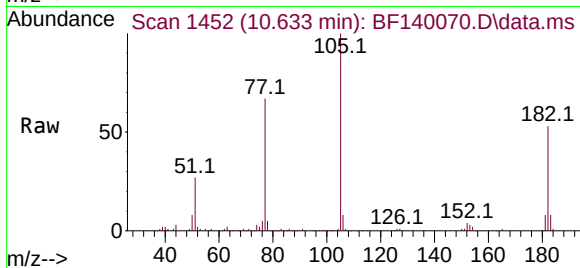
Ion Ratio Lower Upper

77 100

182 78.9 3.3 43.3#

105 150.1 1.2 41.2#

51 40.4 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1584

Delta R.T. -0.006 min

Lab File: BF140070.D

Acq: 26 Oct 2024 20:05

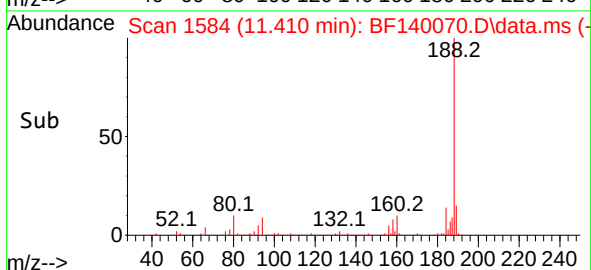
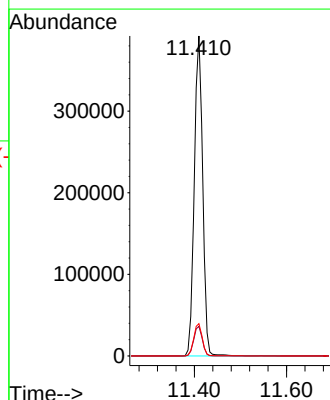
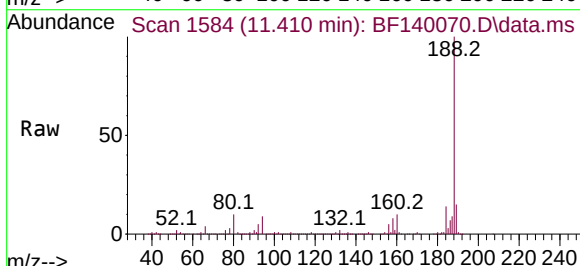
Tgt Ion:188 Resp: 493648

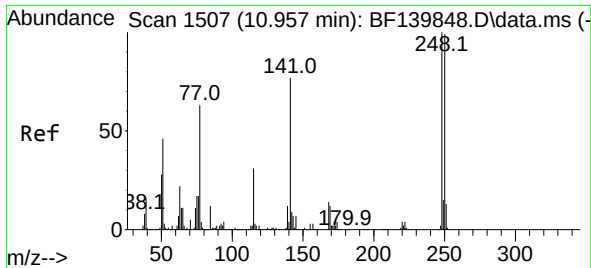
Ion Ratio Lower Upper

188 100

94 9.2 7.9 11.9

80 10.1 9.0 13.4

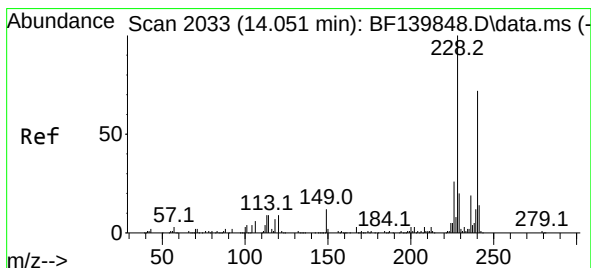
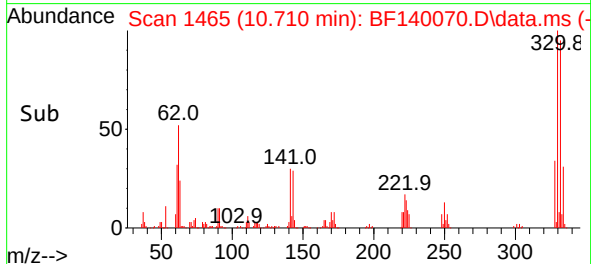
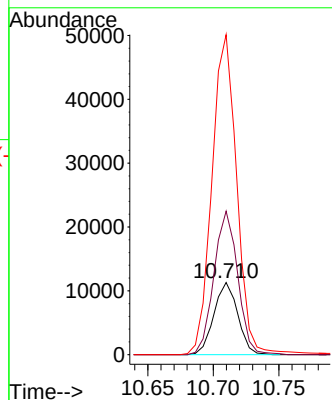
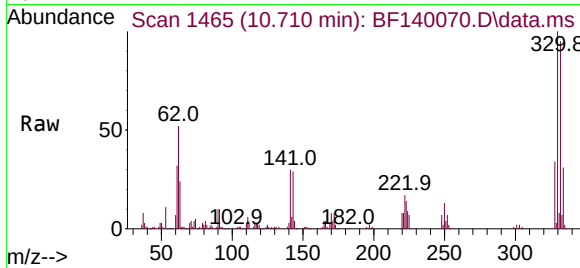




#67
4-Bromophenyl-phenylether
Concen: 2.809 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.247 min
Lab File: BF140070.D
Acq: 26 Oct 2024 20:05

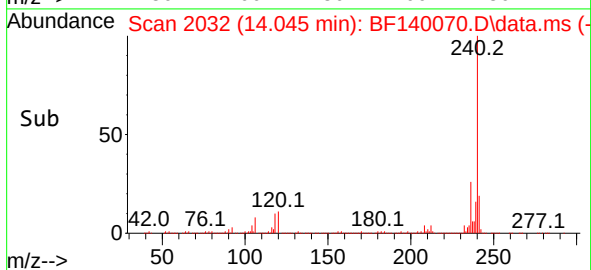
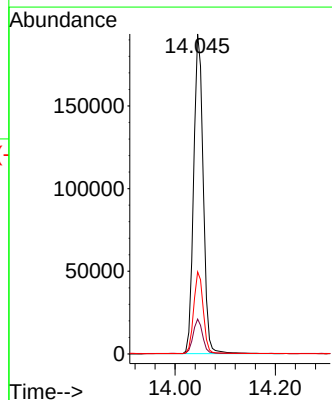
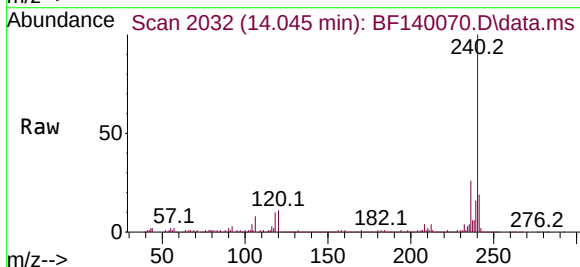
Instrument :
BNA_F
ClientSampleId :
TP-3

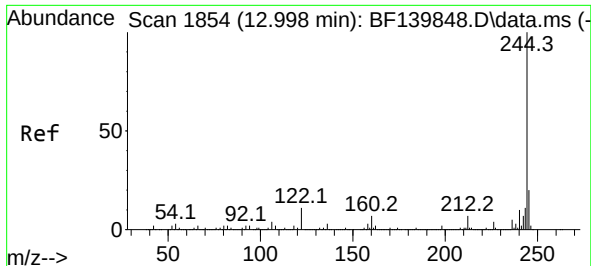
Tgt Ion:248 Resp: 14285
Ion Ratio Lower Upper
248 100
250 198.9 79.0 118.6#
141 443.4 61.7 92.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140070.D
Acq: 26 Oct 2024 20:05

Tgt Ion:240 Resp: 255382
Ion Ratio Lower Upper
240 100
120 10.9 9.4 14.2
236 25.7 20.9 31.3

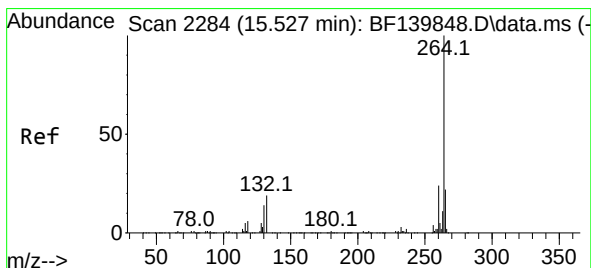
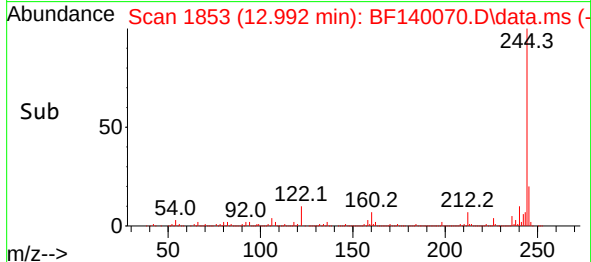
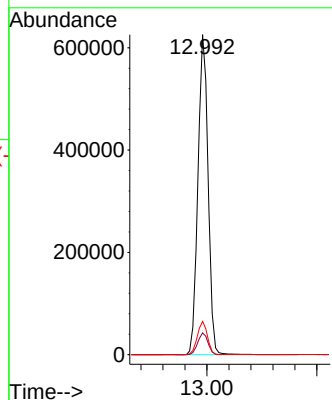
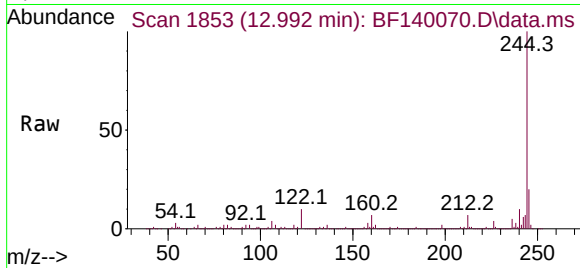




#79
 Terphenyl-d14
 Concen: 51.217 ng
 RT: 12.992 min Scan# 1853
 Delta R.T. -0.006 min
 Lab File: BF140070.D
 Acq: 26 Oct 2024 20:05

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Tgt Ion:244 Resp: 802711
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 10.4 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: BF140070.D
 Acq: 26 Oct 2024 20:05

Tgt Ion:264 Resp: 270585
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.2
 265 21.6 17.4 26.0

