

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102624\
 Data File : BF140064.D
 Acq On : 26 Oct 2024 17:16
 Operator : RC/JU
 Sample : P4471-02RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-180-SB02

Quant Time: Oct 28 01:09:07 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)

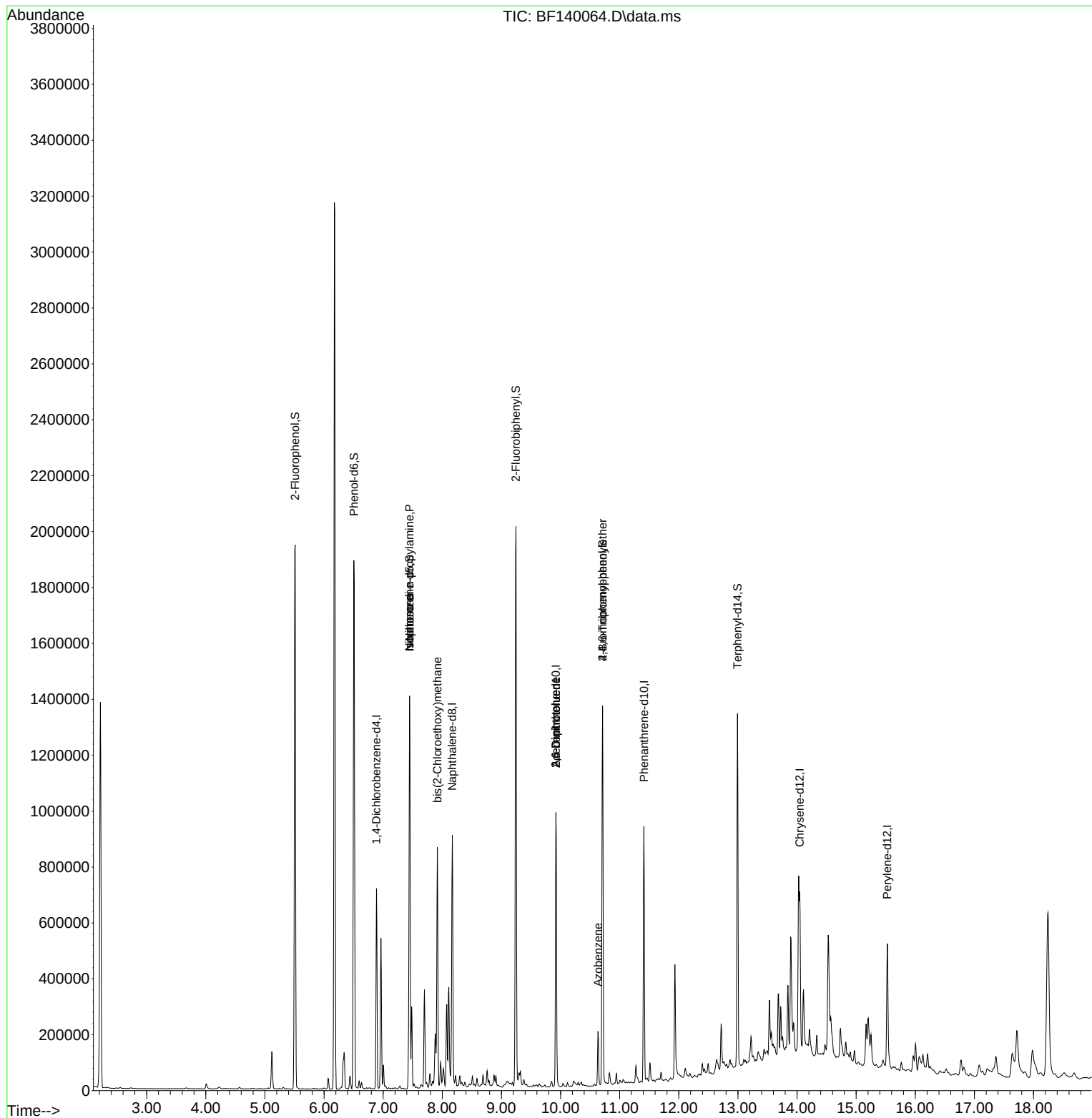
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	140732	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	538776	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	296372	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	470615	20.000	ng	0.00
76) Chrysene-d12	14.045	240	239328	20.000	ng	0.00
86) Perylene-d12	15.527	264	267329	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	755062	83.992	ng	0.01
7) Phenol-d6	6.504	99	952058	81.770	ng	0.00
23) Nitrobenzene-d5	7.445	82	653400	67.215	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	230229	83.050	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	934206	52.095	ng	0.00
79) Terphenyl-d14	12.992	244	602171	40.999	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	89101	12.618	ng	# 76
25) Isophorone	7.445	82	648072	35.125	ng	# 67
28) bis(2-Chloroethoxy)met...	7.916	93	22498	2.013	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	38042	9.518	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	38043	7.740	ng	# 21
63) Azobenzene	10.633	77	48006	2.498	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	15174	3.130	ng	# 1

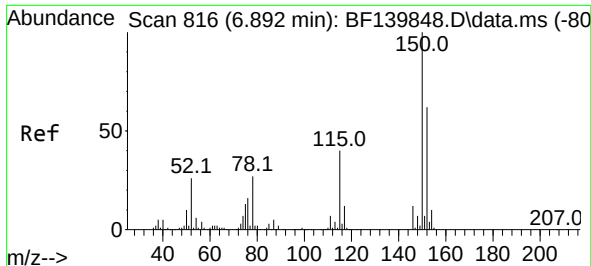
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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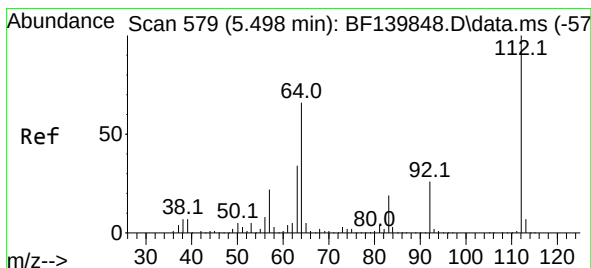
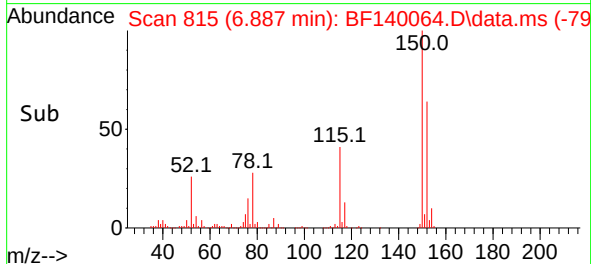
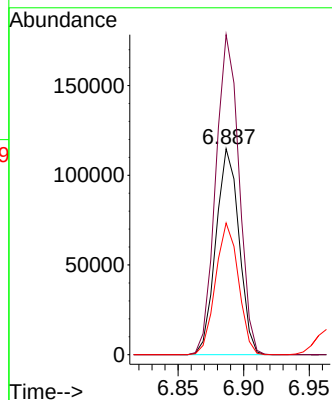
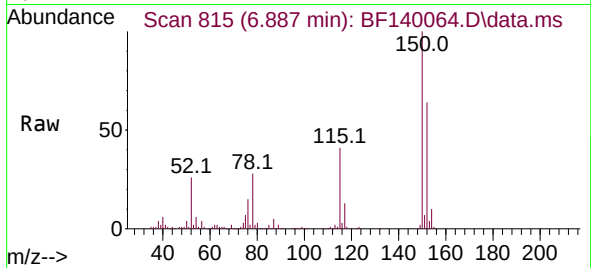




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140064.D
Acq: 26 Oct 2024 17:16

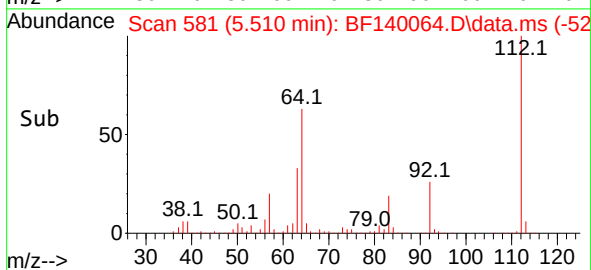
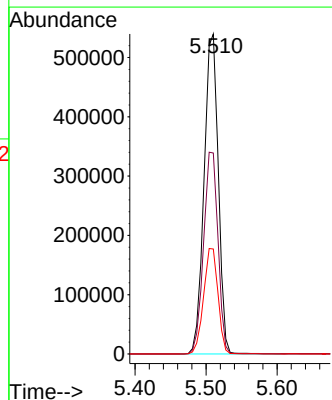
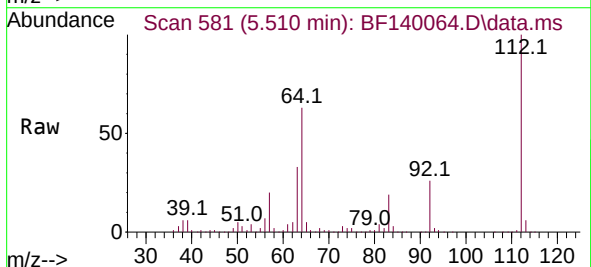
Instrument :
BNA_F
ClientSampleId :
B-180-SB02

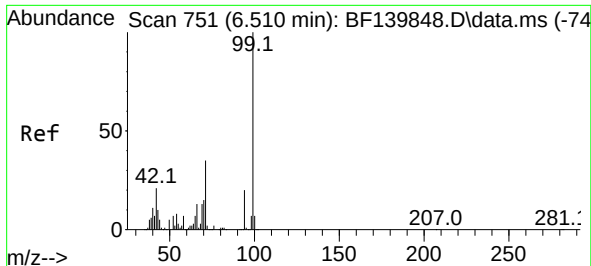
Tgt Ion:152 Resp: 140732
Ion Ratio Lower Upper
152 100
150 155.4 130.2 195.2
115 63.9 51.4 77.2



#5
2-Fluorophenol
Concen: 83.992 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140064.D
Acq: 26 Oct 2024 17:16

Tgt Ion:112 Resp: 755062
Ion Ratio Lower Upper
112 100
64 62.8 53.0 79.6
63 32.8 27.0 40.4





#7
Phenol-d6
Concen: 81.770 ng
RT: 6.504 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF140064.D
Acq: 26 Oct 2024 17:16

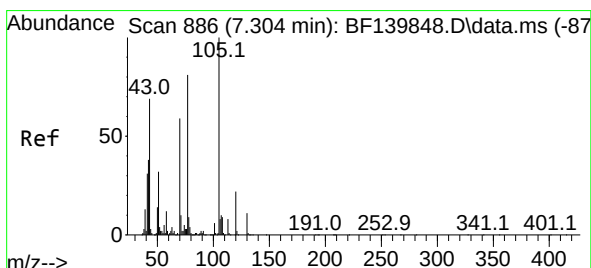
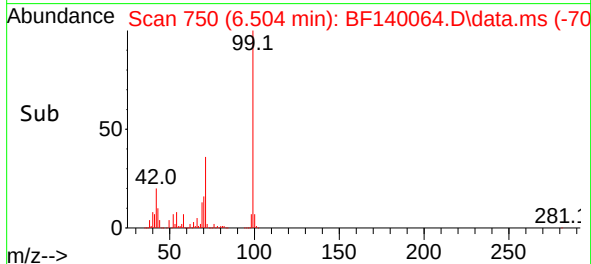
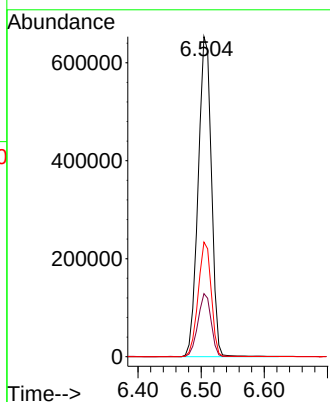
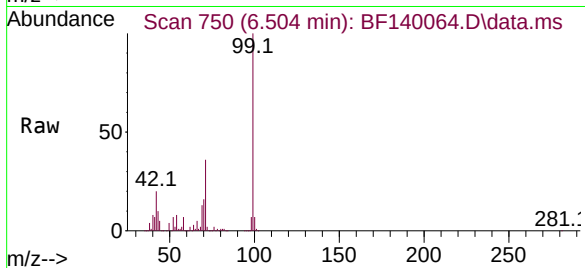
Instrument :

BNA_F

ClientSampleId :

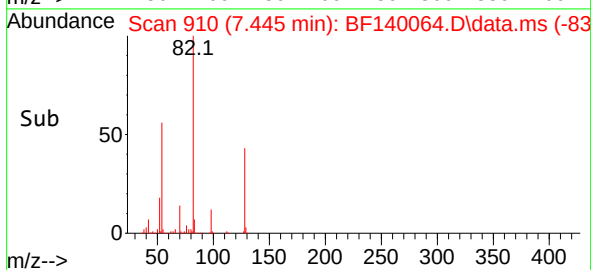
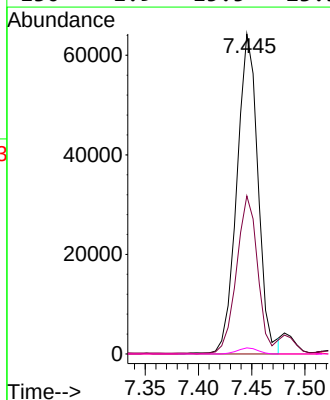
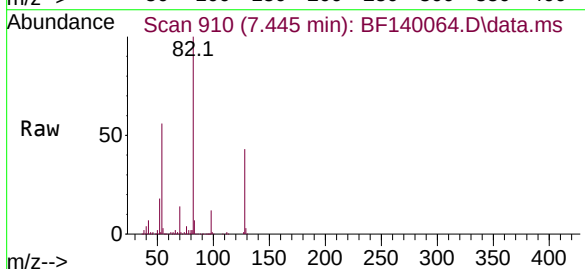
B-180-SB02

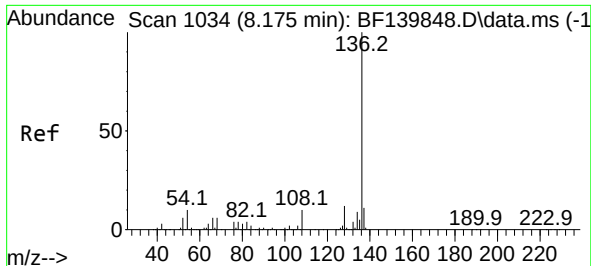
Tgt Ion: 99 Resp: 952058
Ion Ratio Lower Upper
99 100
42 19.7 16.7 25.1
71 35.8 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 12.618 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF140064.D
Acq: 26 Oct 2024 17:16

Tgt Ion: 70 Resp: 89101
Ion Ratio Lower Upper
70 100
42 49.4 51.5 77.3#
101 0.0 7.5 11.3#
130 1.9 15.5 23.3#



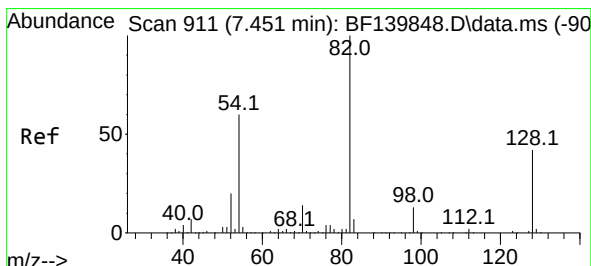
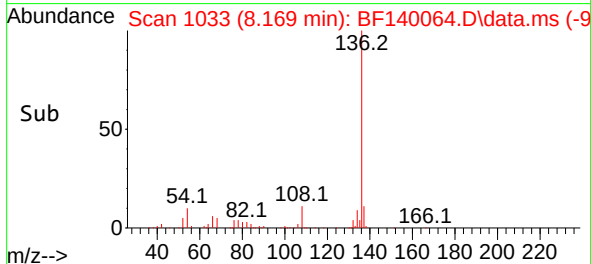
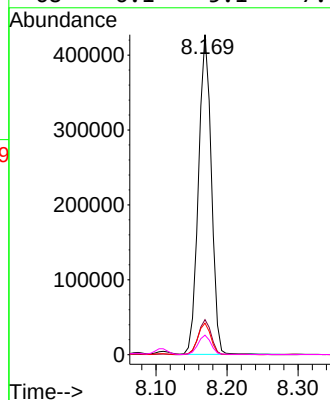
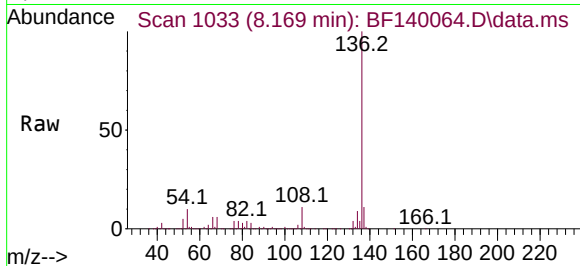


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140064.D
Acq: 26 Oct 2024 17:16

Instrument :
BNA_F
ClientSampleId :
B-180-SB02

Tgt Ion:136 Resp: 538776

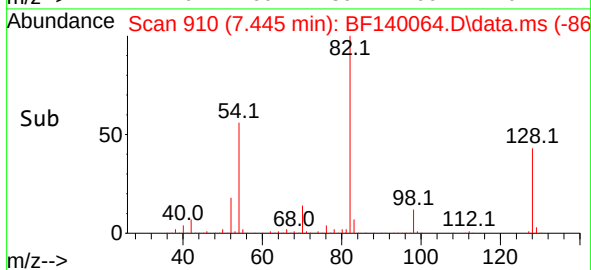
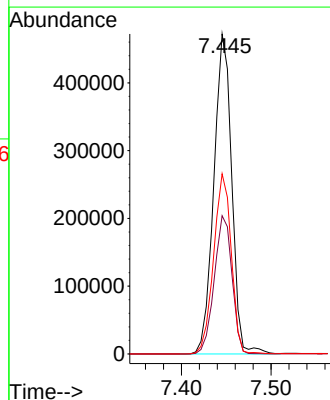
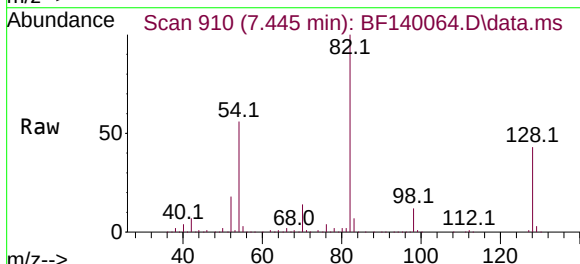
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	9.9	8.4	12.6
68	6.1	5.1	7.7

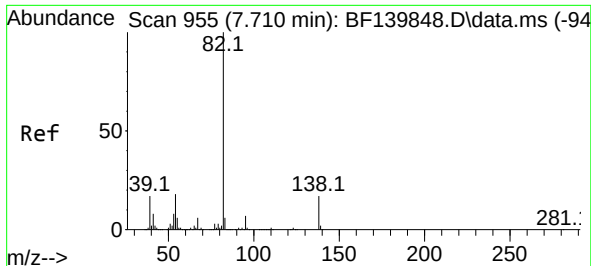


#23
Nitrobenzene-d5
Concen: 67.215 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF140064.D
Acq: 26 Oct 2024 17:16

Tgt Ion: 82 Resp: 653400

Ion	Ratio	Lower	Upper
82	100		
128	43.2	33.4	50.0
54	56.3	47.8	71.8

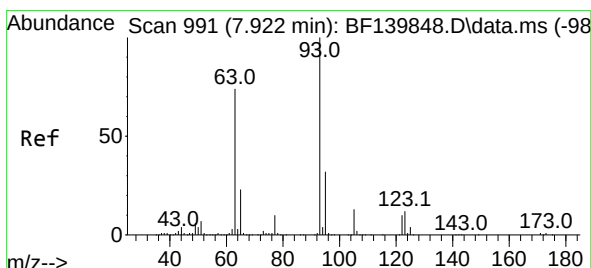
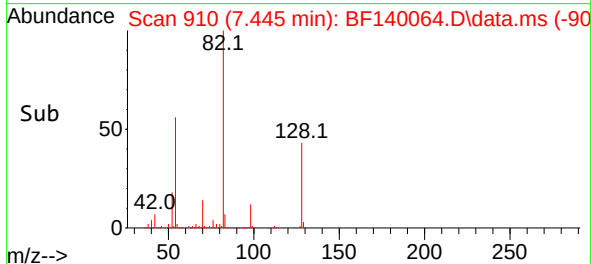
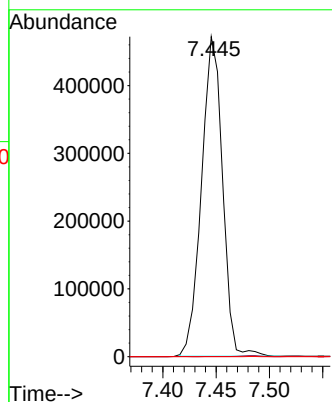
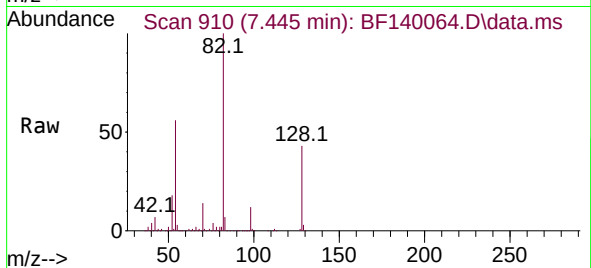




#25
Isophorone
Concen: 35.125 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.265 min
Lab File: BF140064.D
Acq: 26 Oct 2024 17:16

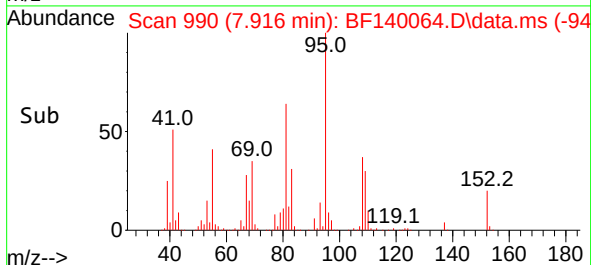
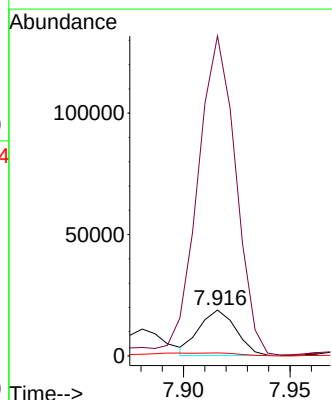
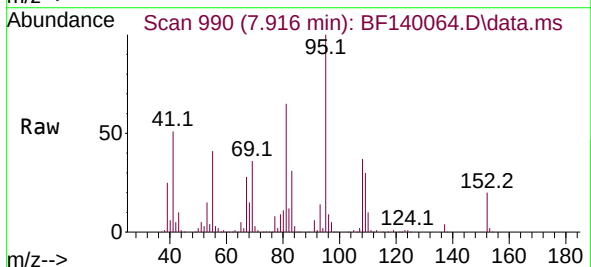
Instrument :
BNA_F
ClientSampleId :
B-180-SB02

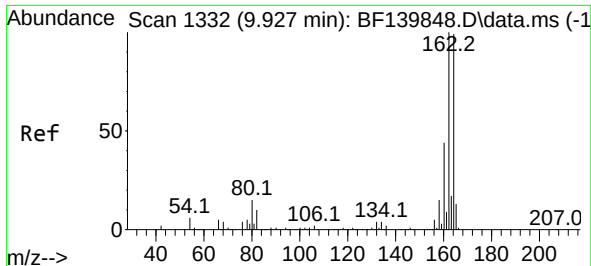
Tgt Ion: 82 Resp: 648072
Ion Ratio Lower Upper
82 100
95 0.1 5.5 8.3#
138 0.0 13.2 19.8#



#28
bis(2-Chloroethoxy)methane
Concen: 2.013 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF140064.D
Acq: 26 Oct 2024 17:16

Tgt Ion: 93 Resp: 22498
Ion Ratio Lower Upper
93 100
95 697.1 26.0 39.0#
123 6.7 9.8 14.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1

Delta R.T. -0.005 min

Lab File: BF140064.D

Acq: 26 Oct 2024 17:16

Instrument :

BNA_F

ClientSampleId :

B-180-SB02

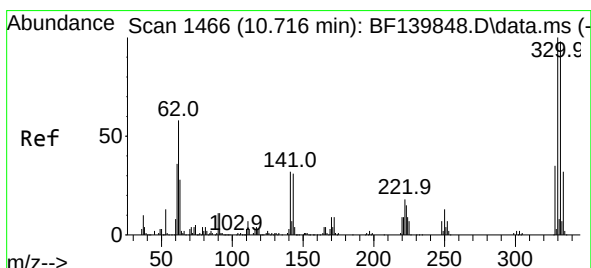
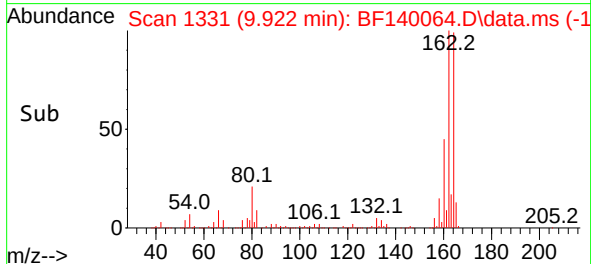
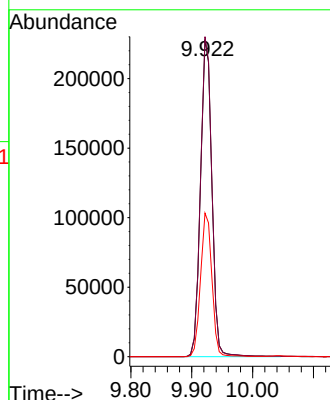
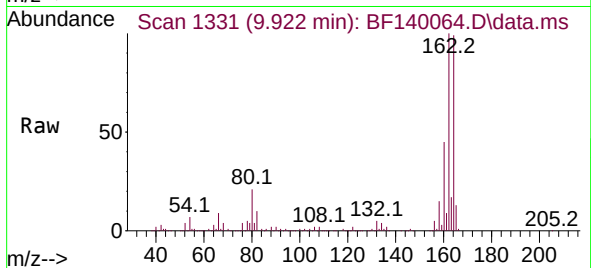
Tgt Ion:164 Resp: 296372

Ion Ratio Lower Upper

164 100

162 100.8 81.0 121.4

160 45.2 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 83.050 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF140064.D

Acq: 26 Oct 2024 17:16

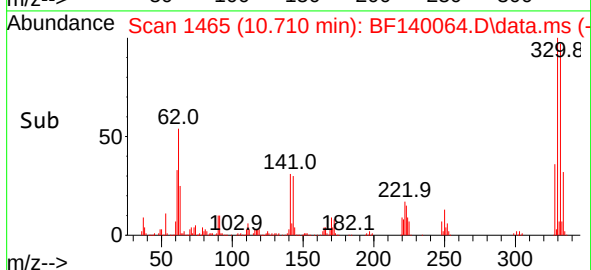
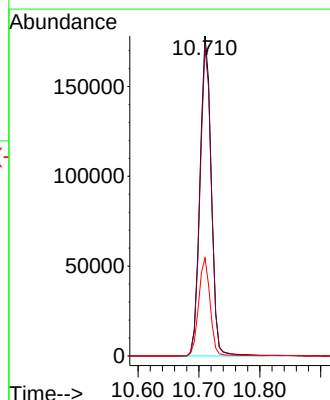
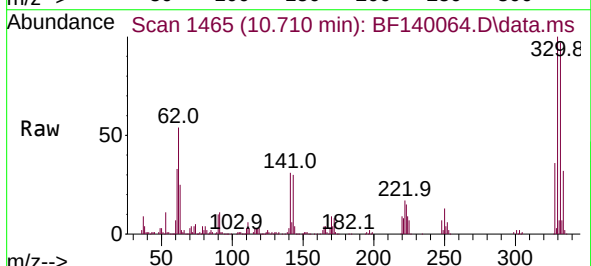
Tgt Ion:330 Resp: 230229

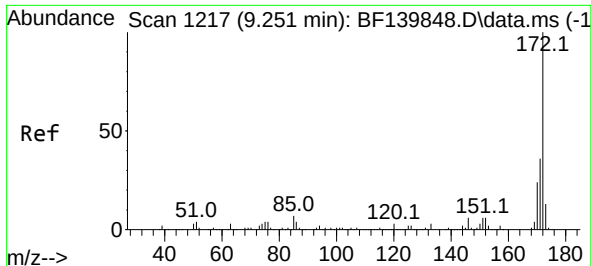
Ion Ratio Lower Upper

330 100

332 97.2 78.1 117.1

141 31.1 26.6 39.8

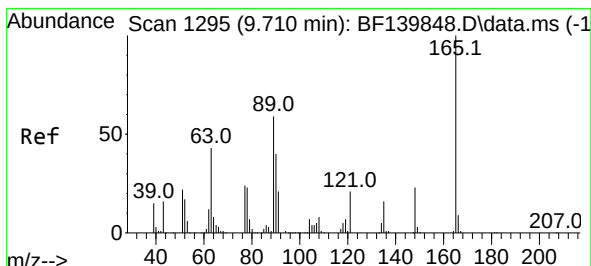
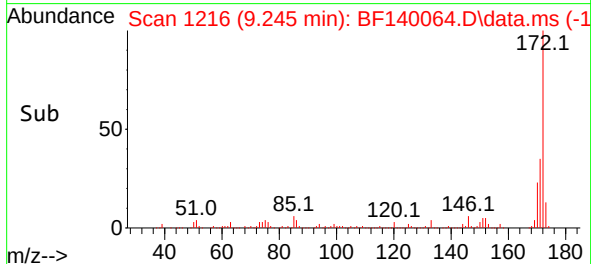
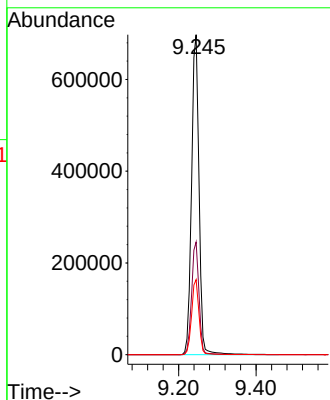
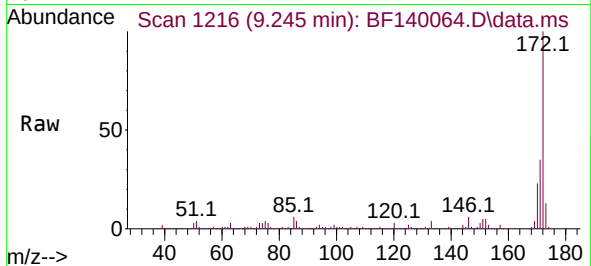




#45
2-Fluorobiphenyl
Concen: 52.095 ng
RT: 9.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140064.D
Acq: 26 Oct 2024 17:16

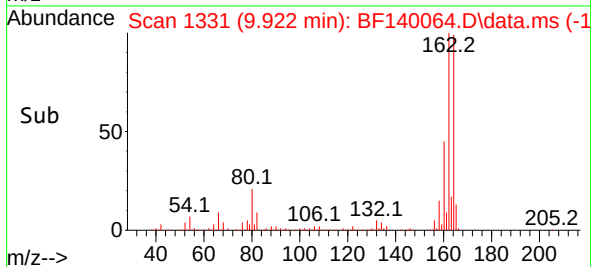
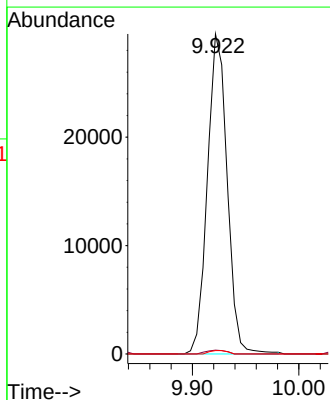
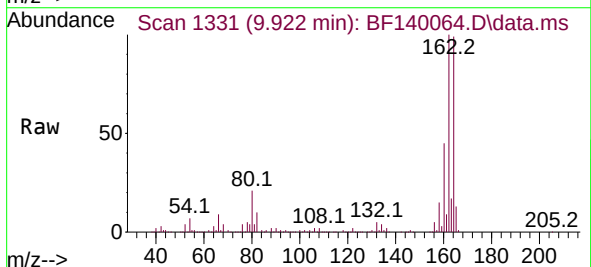
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B-180-SB02

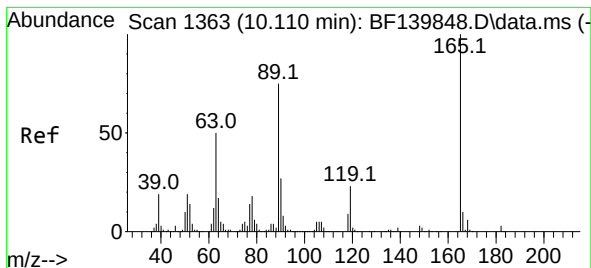
Tgt Ion:172 Resp: 934206
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 23.5 19.1 28.7



#51
2,6-Dinitrotoluene
Concen: 9.518 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF140064.D
Acq: 26 Oct 2024 17:16

Tgt Ion:165 Resp: 38042
Ion Ratio Lower Upper
165 100
63 1.2 50.6 75.8#
89 1.1 47.5 71.3#

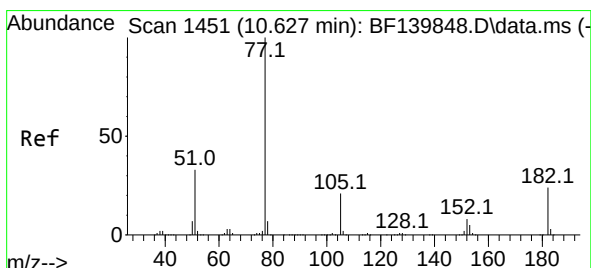
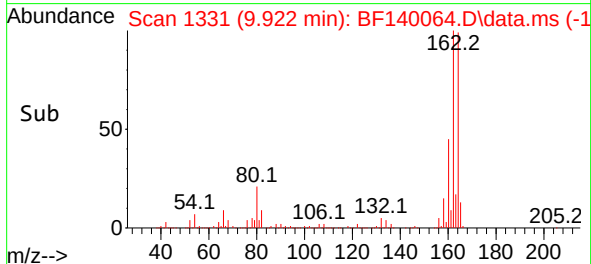
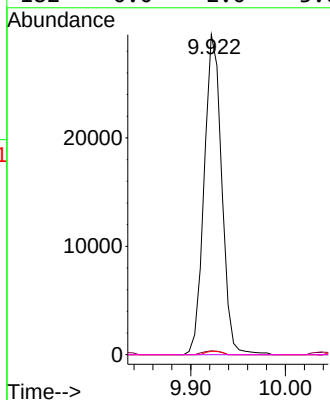
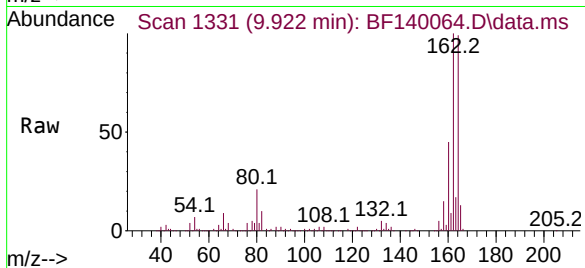




#57
2,4-Dinitrotoluene
Concen: 7.740 ng
RT: 9.922 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF140064.D
Acq: 26 Oct 2024 17:16

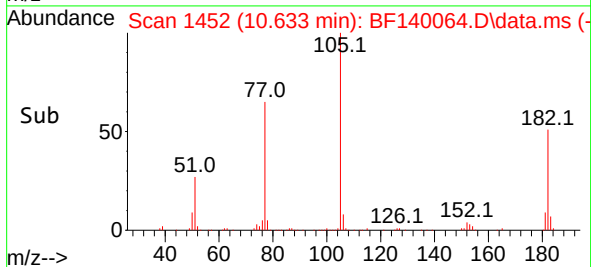
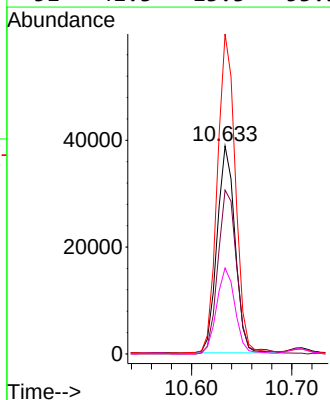
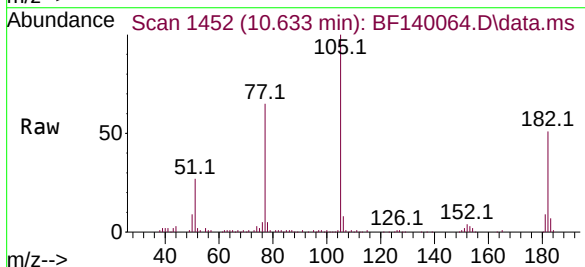
Instrument :
BNA_F
ClientSampleId :
B-180-SB02

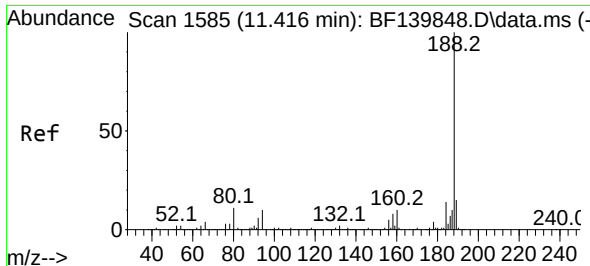
Tgt Ion:165 Resp: 38043
Ion Ratio Lower Upper
165 100
63 1.2 40.1 60.1#
89 1.1 60.4 90.6#
182 0.0 2.0 3.0#



#63
Azobenzene
Concen: 2.498 ng
RT: 10.633 min Scan# 1452
Delta R.T. 0.006 min
Lab File: BF140064.D
Acq: 26 Oct 2024 17:16

Tgt Ion: 77 Resp: 48006
Ion Ratio Lower Upper
77 100
182 78.7 3.3 43.3#
105 153.8 1.2 41.2#
51 41.3 13.3 53.3

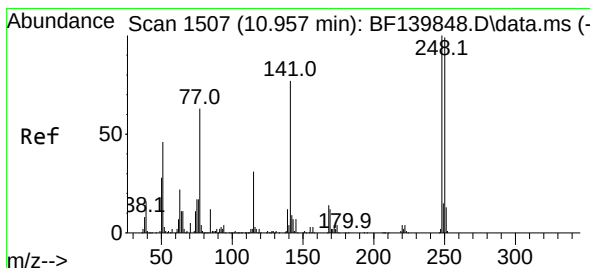
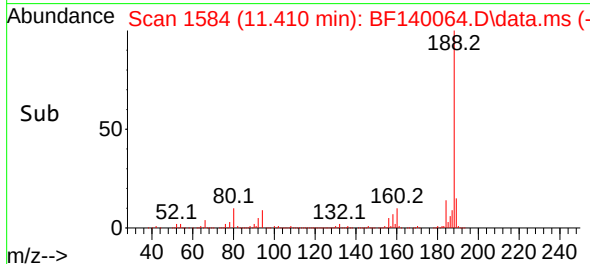
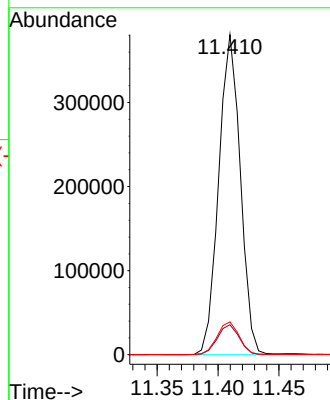
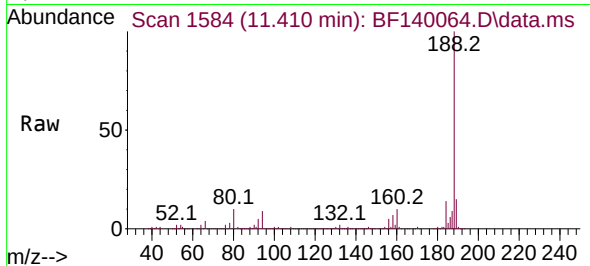




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140064.D
Acq: 26 Oct 2024 17:16

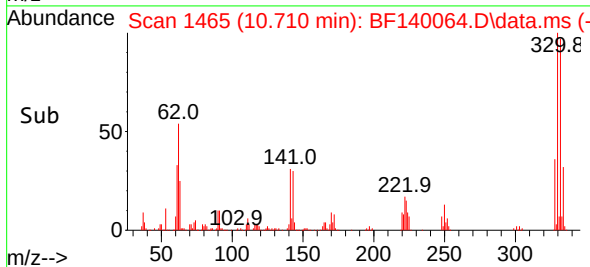
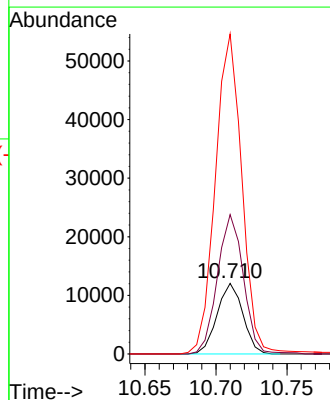
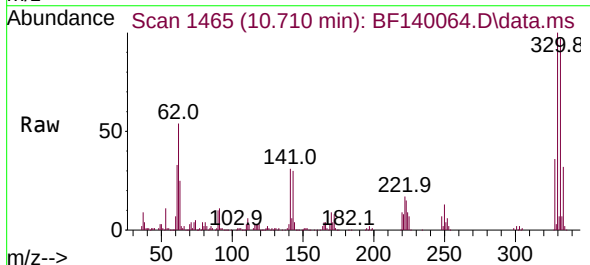
Instrument :
BNA_F
ClientSampleId :
B-180-SB02

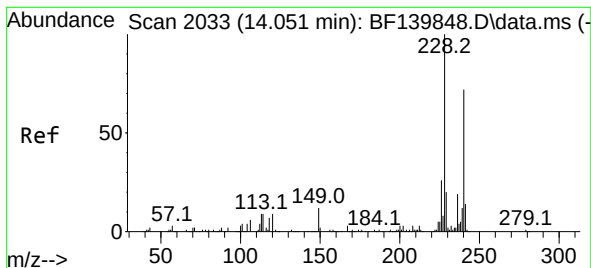
Tgt Ion:188 Resp: 470615
Ion Ratio Lower Upper
188 100
94 9.3 7.9 11.9
80 10.3 9.0 13.4



#67
4-Bromophenyl-phenylether
Concen: 3.130 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.247 min
Lab File: BF140064.D
Acq: 26 Oct 2024 17:16

Tgt Ion:248 Resp: 15174
Ion Ratio Lower Upper
248 100
250 197.3 79.0 118.6#
141 453.1 61.7 92.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF140064.D

Acq: 26 Oct 2024 17:16

Instrument :

BNA_F

ClientSampleId :

B-180-SB02

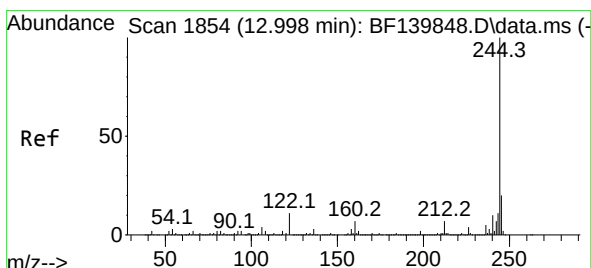
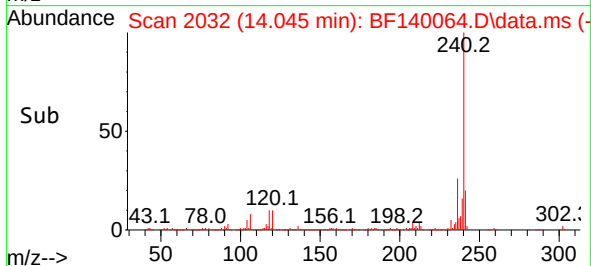
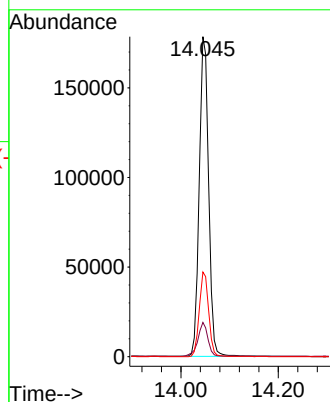
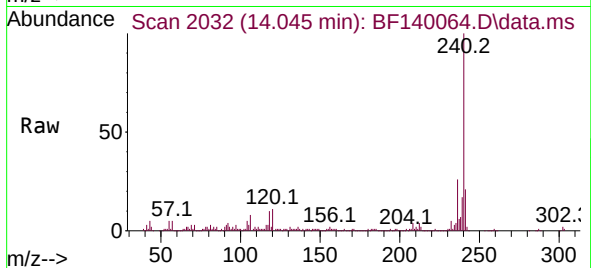
Tgt Ion:240 Resp: 239328

Ion Ratio Lower Upper

240 100

120 10.7 9.4 14.2

236 26.4 20.9 31.3



#79

Terphenyl-d14

Concen: 40.999 ng

RT: 12.992 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF140064.D

Acq: 26 Oct 2024 17:16

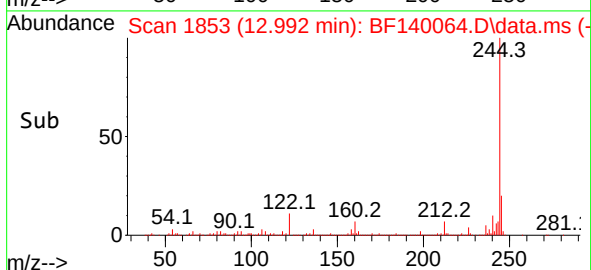
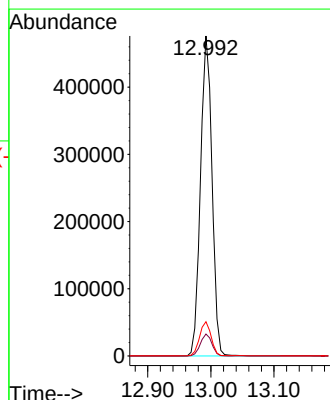
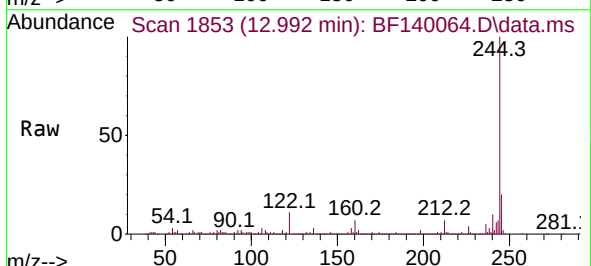
Tgt Ion:244 Resp: 602171

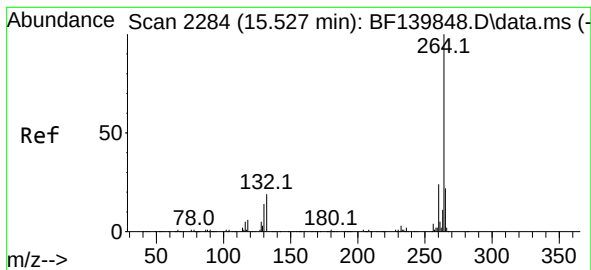
Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

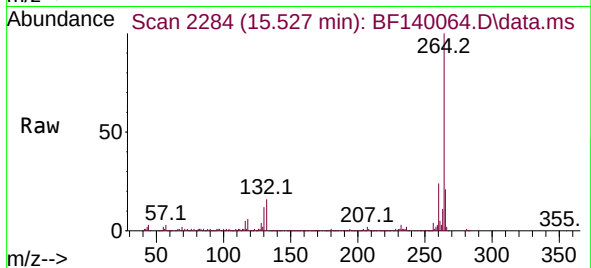
122 10.7 8.6 13.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF140064.D
 Acq: 26 Oct 2024 17:16

Instrument :
 BNA_F
 ClientSampleId :
 B-180-SB02



Tgt Ion:264 Resp: 267329

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	21.5	17.4	26.0

