

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112724\
 Data File : BF140672.D
 Acq On : 27 Nov 2024 16:14
 Operator : RC/JU
 Sample : P4995-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 001

Quant Time: Nov 27 16:48:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

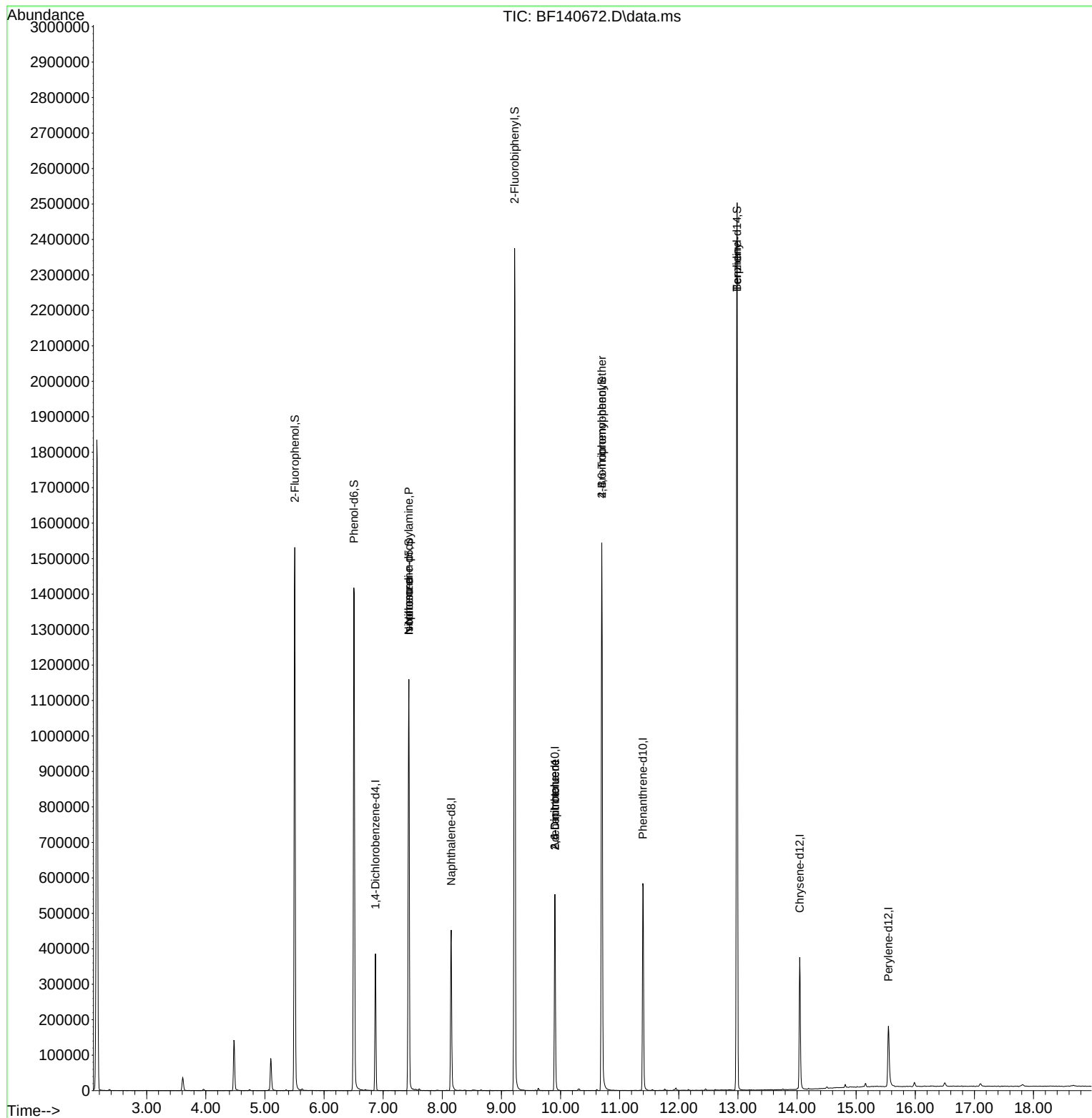
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	81173	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	306743	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	167013	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	342816	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	198279	20.000	ng	0.00
86) Perylene-d12	15.545	264	96521	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	583111	122.567	ng	0.00
7) Phenol-d6	6.504	99	700864	111.433	ng	-0.01
23) Nitrobenzene-d5	7.434	82	556605	92.815	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	278547	155.943	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1104493	98.533	ng	-0.01
79) Terphenyl-d14	12.986	244	1300165	102.105	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	75624	20.345	ng	# 76
25) Isophorone	7.434	82	549326	54.920	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	21268	8.526	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	21268	6.415	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	18255	5.171	ng	# 1
77) Benzidine	12.986	184	18206	3.158	ng	# 95

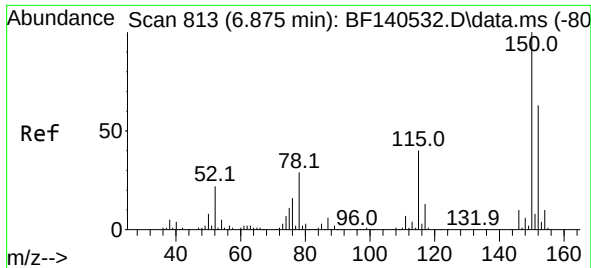
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112724\
Data File : BF140672.D
Acq On : 27 Nov 2024 16:14
Operator : RC/JU
Sample : P4995-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
001

Quant Time: Nov 27 16:48:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

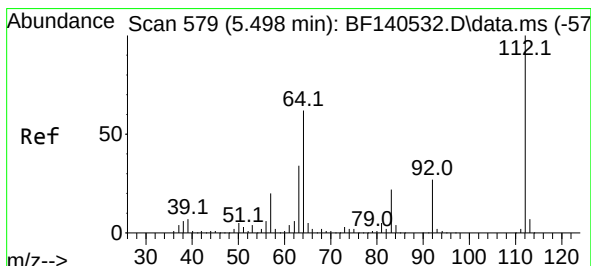
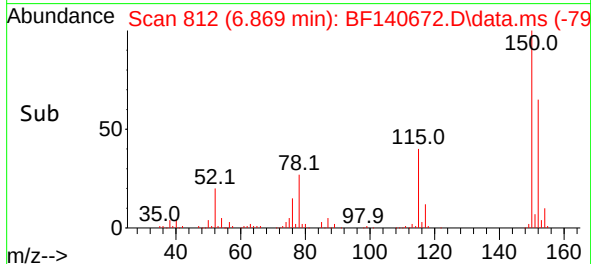
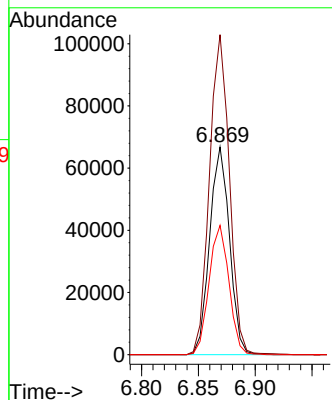
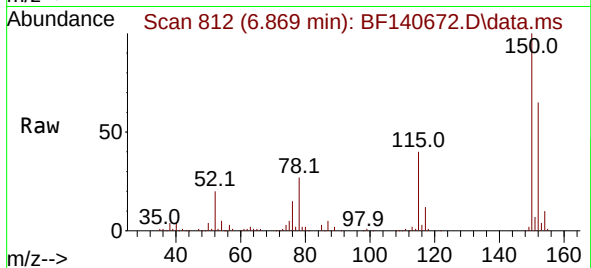




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140672.D
Acq: 27 Nov 2024 16:14

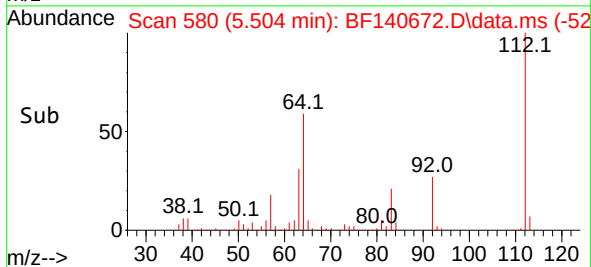
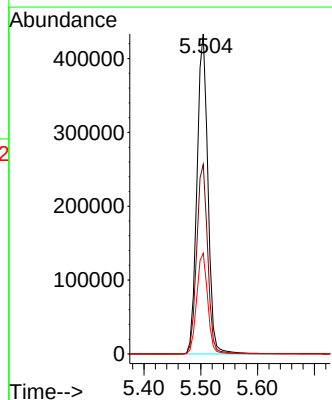
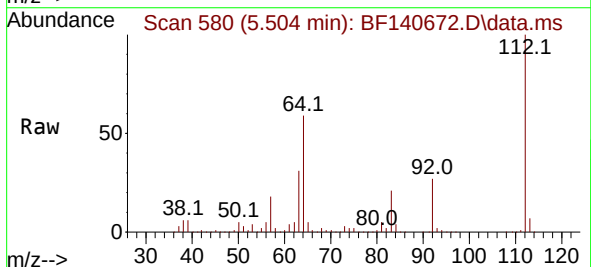
Instrument :
BNA_F
ClientSampleId :
001

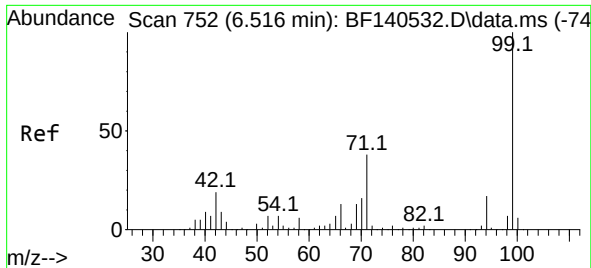
Tgt Ion:152 Resp: 81173
Ion Ratio Lower Upper
152 100
150 154.0 128.5 192.7
115 62.2 50.2 75.4



#5
2-Fluorophenol
Concen: 122.567 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140672.D
Acq: 27 Nov 2024 16:14

Tgt Ion:112 Resp: 583111
Ion Ratio Lower Upper
112 100
64 59.2 49.2 73.8
63 31.4 27.0 40.4

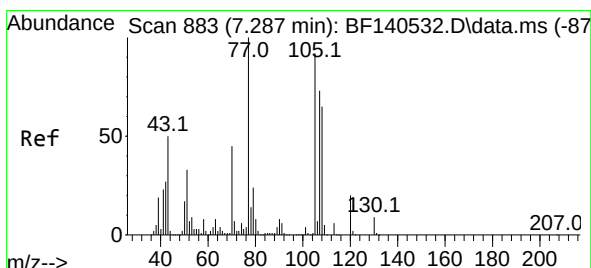
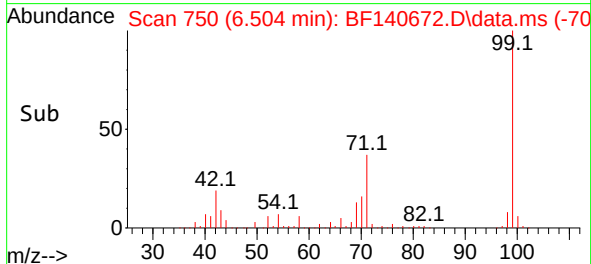
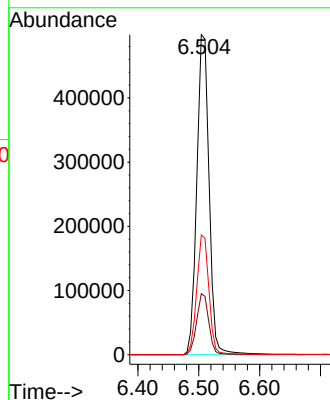
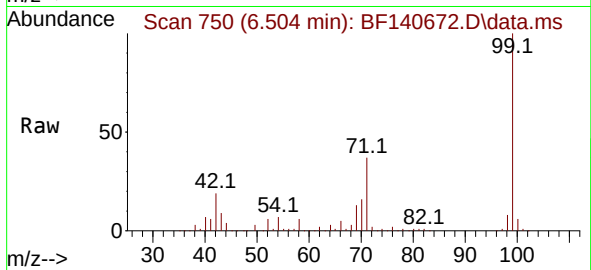




#7
Phenol-d6
Concen: 111.433 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140672.D
Acq: 27 Nov 2024 16:14

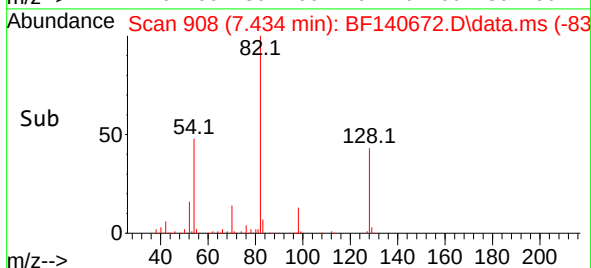
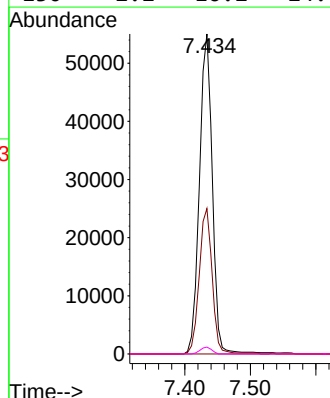
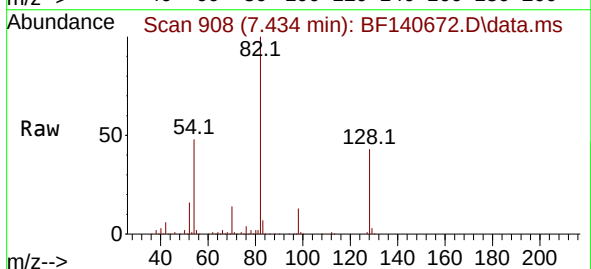
Instrument :
BNA_F
ClientSampleId :
001

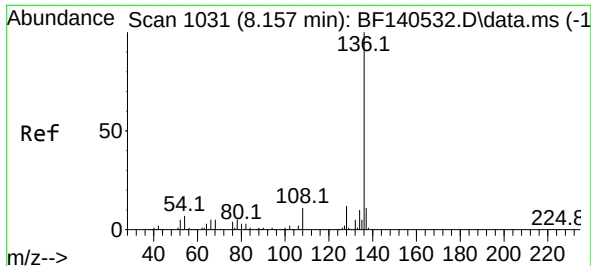
Tgt Ion: 99 Resp: 700864
Ion Ratio Lower Upper
99 100
42 19.0 15.4 23.0
71 37.4 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.345 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF140672.D
Acq: 27 Nov 2024 16:14

Tgt Ion: 70 Resp: 75624
Ion Ratio Lower Upper
70 100
42 45.5 47.6 71.4#
101 0.0 7.6 11.4#
130 2.2 16.2 24.4#



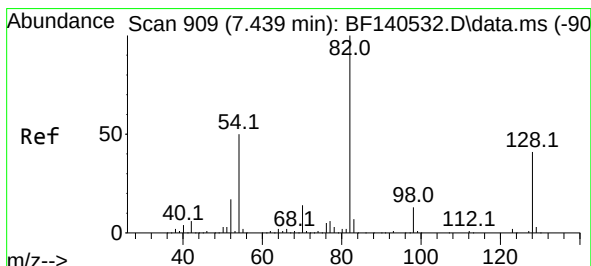
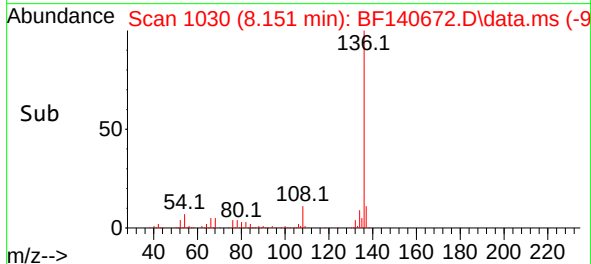
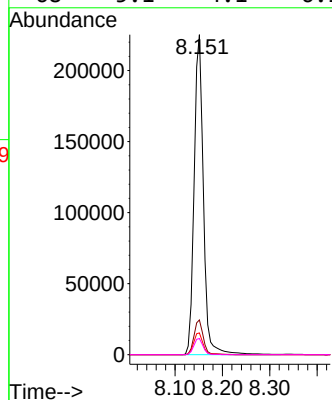
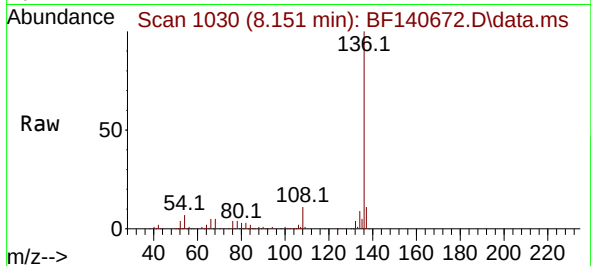


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140672.D
Acq: 27 Nov 2024 16:14

Instrument :
BNA_F
ClientSampleId :
001

Tgt Ion:136 Resp: 306743

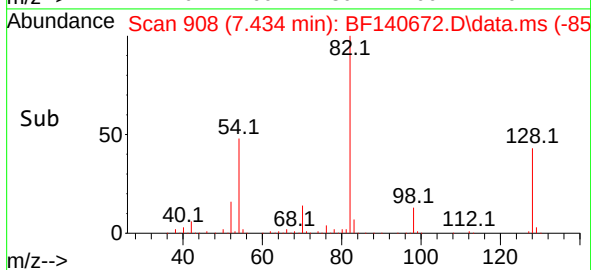
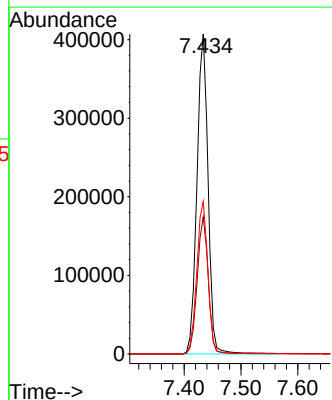
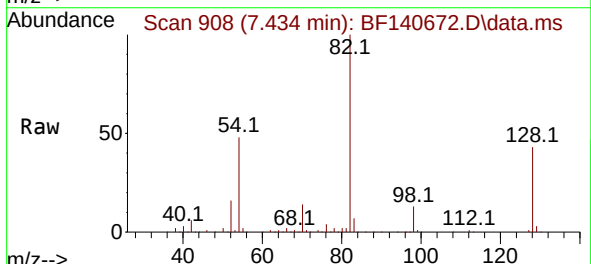
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	6.8	5.8	8.8
68	5.1	4.1	6.1

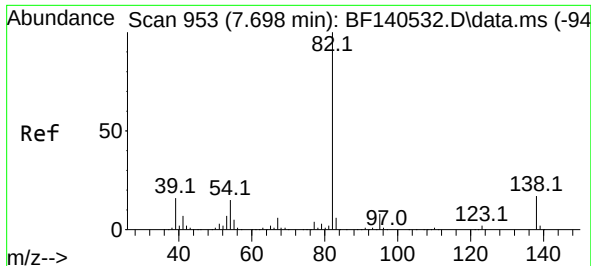


#23
Nitrobenzene-d5
Concen: 92.815 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140672.D
Acq: 27 Nov 2024 16:14

Tgt Ion: 82 Resp: 556605

Ion	Ratio	Lower	Upper
82	100		
128	42.9	33.0	49.4
54	47.6	39.5	59.3

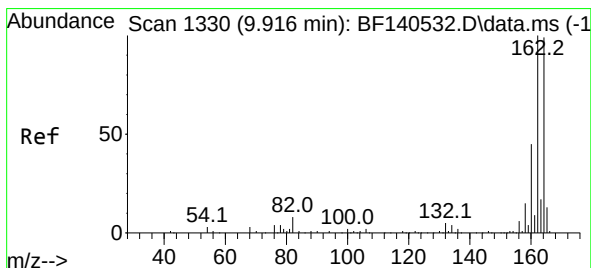
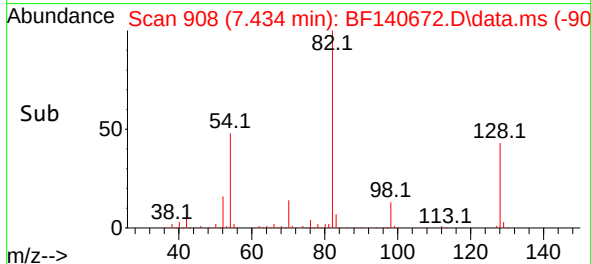
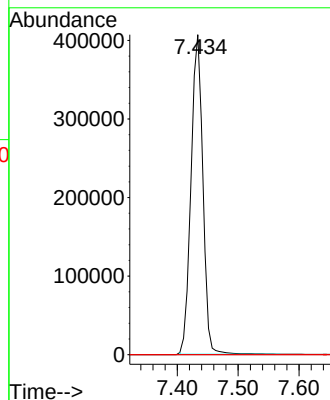
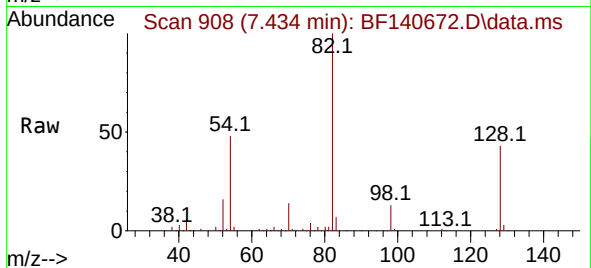




#25
Isophorone
Concen: 54.920 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140672.D
Acq: 27 Nov 2024 16:14

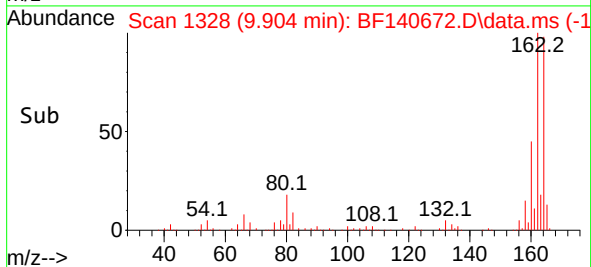
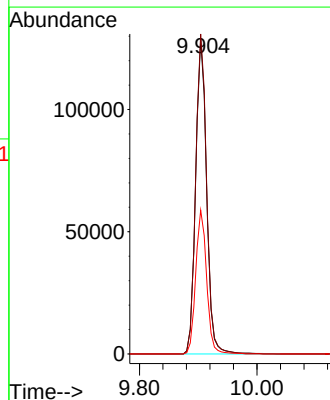
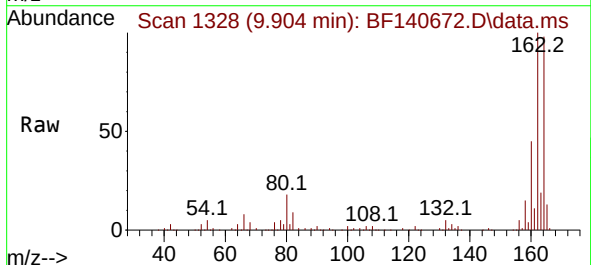
Instrument :
BNA_F
ClientSampleId :
001

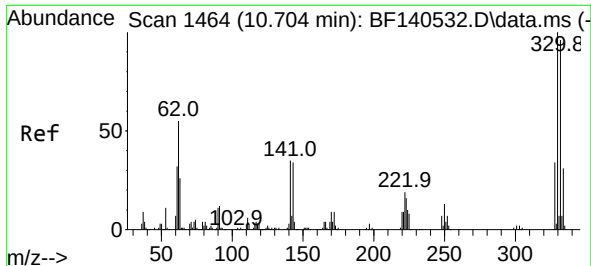
Tgt Ion: 82 Resp: 549326
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140672.D
Acq: 27 Nov 2024 16:14

Tgt Ion: 164 Resp: 167013
Ion Ratio Lower Upper
164 100
162 101.6 80.6 120.8
160 45.7 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 155.943 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140672.D

Acq: 27 Nov 2024 16:14

Instrument :

BNA_F

ClientSampleId :

001

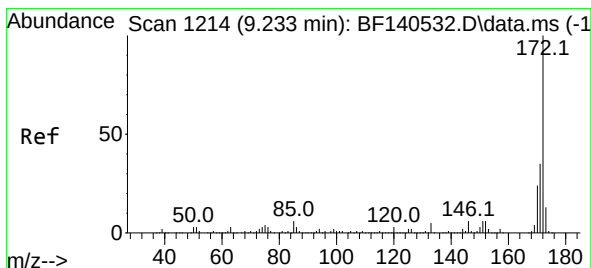
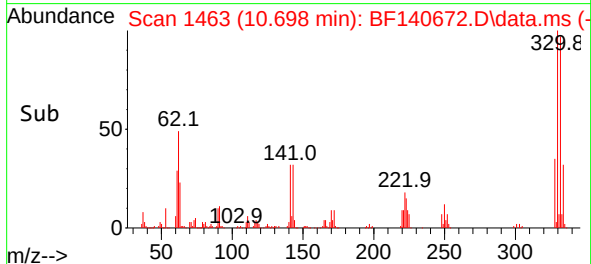
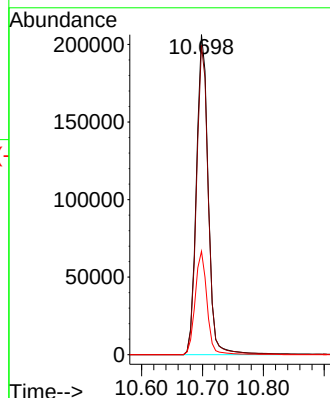
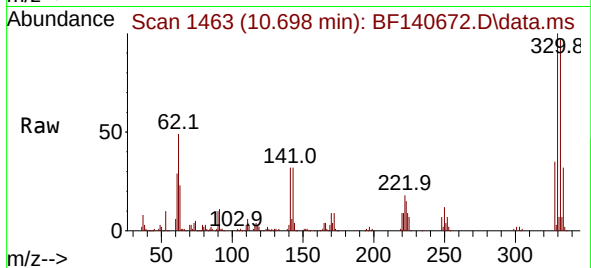
Tgt Ion:330 Resp: 278547

Ion Ratio Lower Upper

330 100

332 97.0 76.9 115.3

141 32.4 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 98.533 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF140672.D

Acq: 27 Nov 2024 16:14

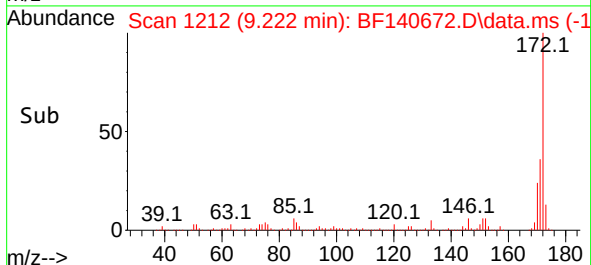
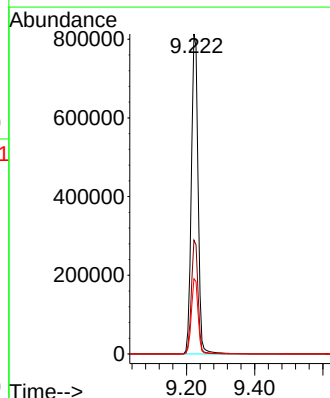
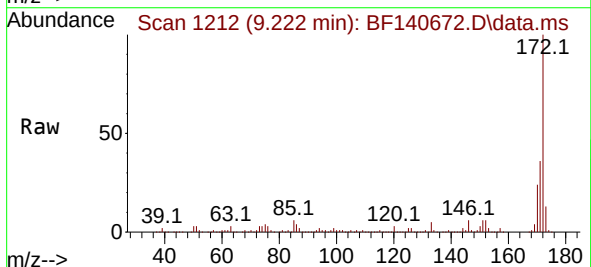
Tgt Ion:172 Resp: 1104493

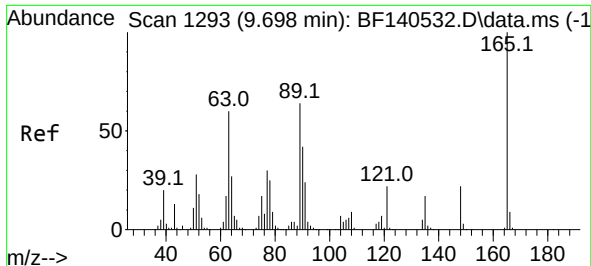
Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.5 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.526 ng

RT: 9.904 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF140672.D

Acq: 27 Nov 2024 16:14

Instrument :

BNA_F

ClientSampleId :

001

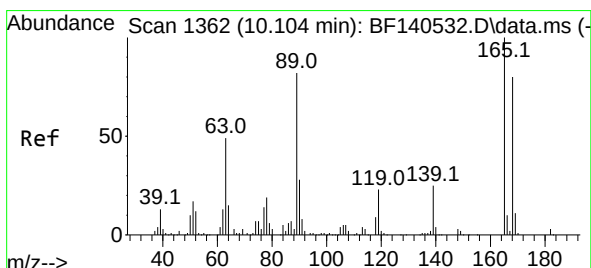
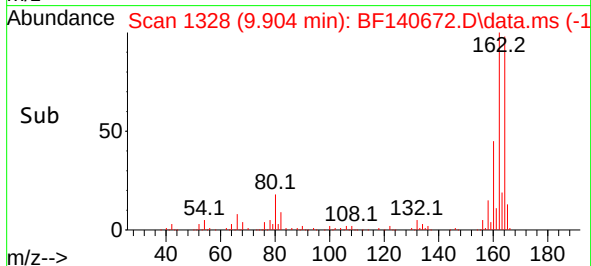
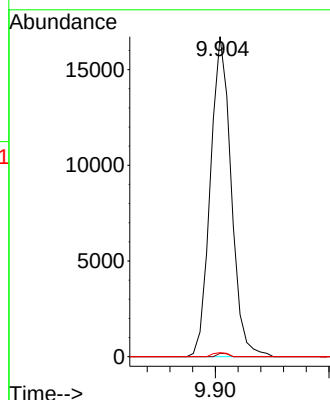
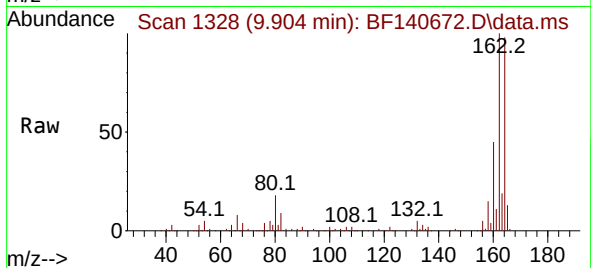
Tgt Ion:165 Resp: 21268

Ion Ratio Lower Upper

165 100

63 1.1 49.9 74.9#

89 1.2 50.9 76.3#



#57

2,4-Dinitrotoluene

Concen: 6.415 ng

RT: 9.904 min Scan# 1328

Delta R.T. -0.200 min

Lab File: BF140672.D

Acq: 27 Nov 2024 16:14

Tgt Ion:165 Resp: 21268

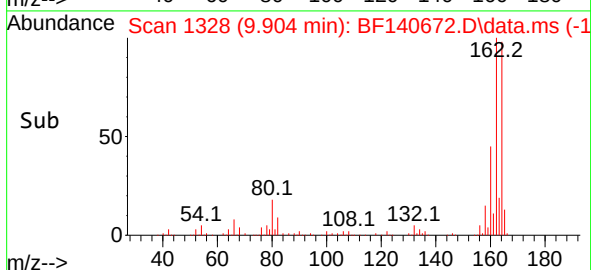
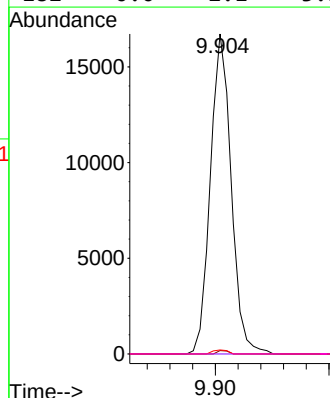
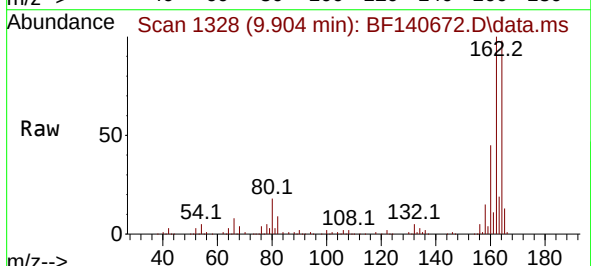
Ion Ratio Lower Upper

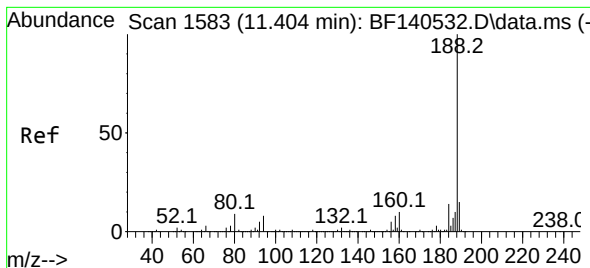
165 100

63 1.1 41.7 62.5#

89 1.2 65.8 98.8#

182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF140672.D

Acq: 27 Nov 2024 16:14

Instrument :

BNA_F

ClientSampleId :

001

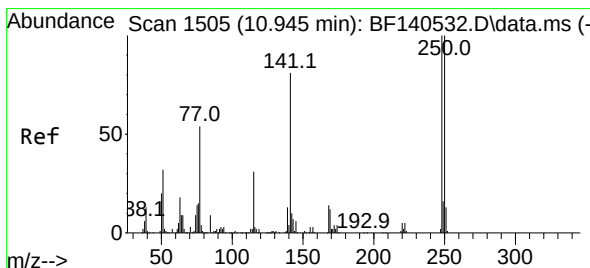
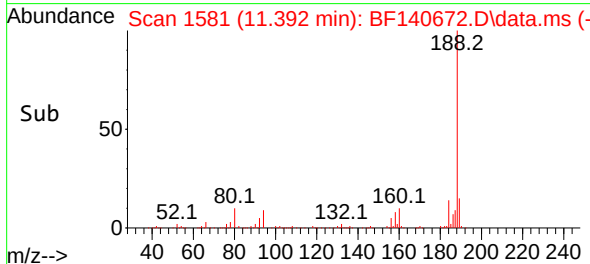
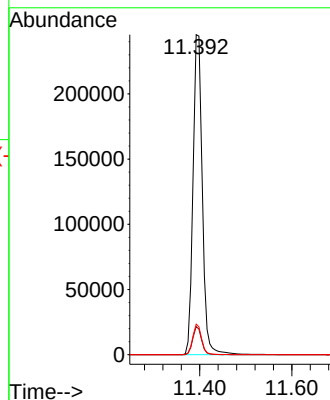
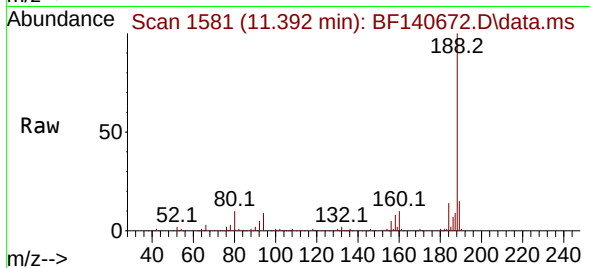
Tgt Ion:188 Resp: 342816

Ion Ratio Lower Upper

188 100

94 8.7 6.4 9.6

80 9.5 6.9 10.3



#67

4-Bromophenyl-phenylether

Concen: 5.171 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF140672.D

Acq: 27 Nov 2024 16:14

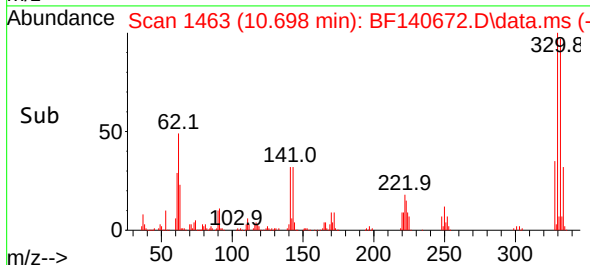
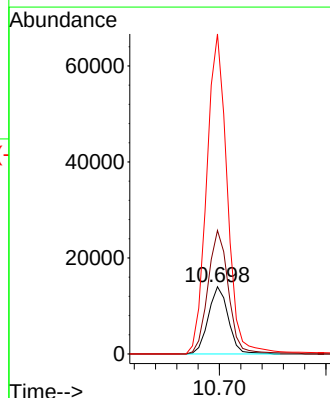
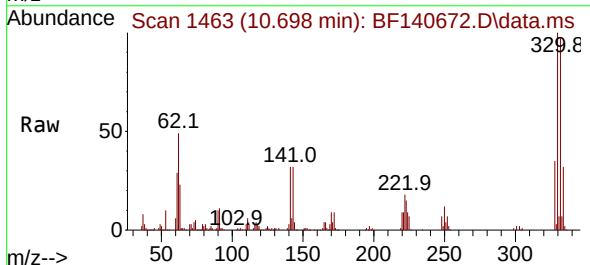
Tgt Ion:248 Resp: 18255

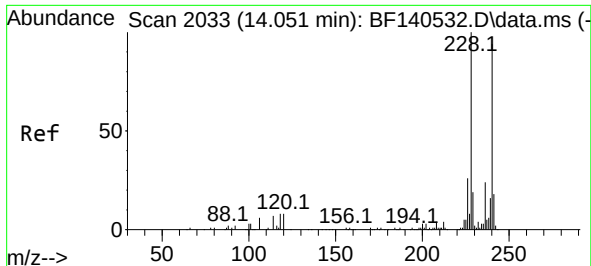
Ion Ratio Lower Upper

248 100

250 183.8 79.8 119.8#

141 476.3 64.7 97.1#

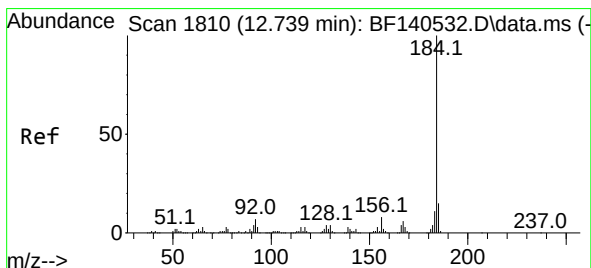
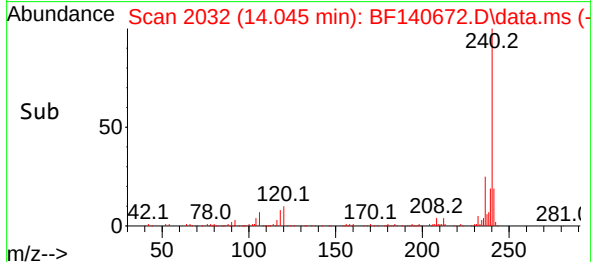
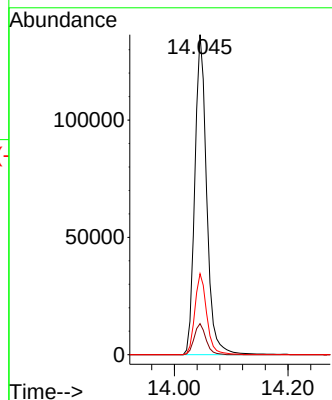
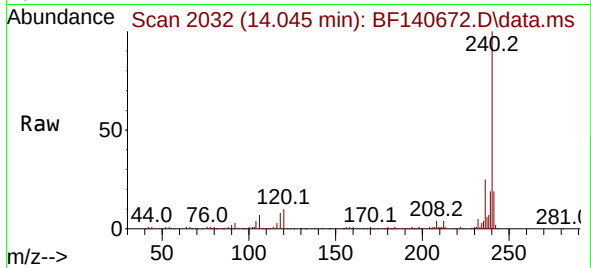




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF140672.D
Acq: 27 Nov 2024 16:14

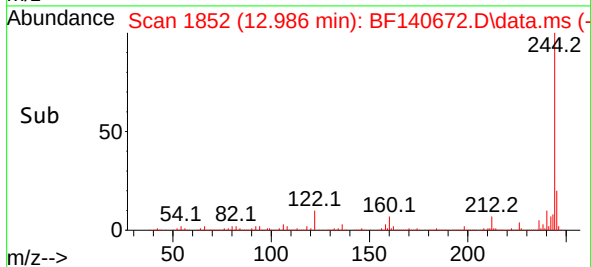
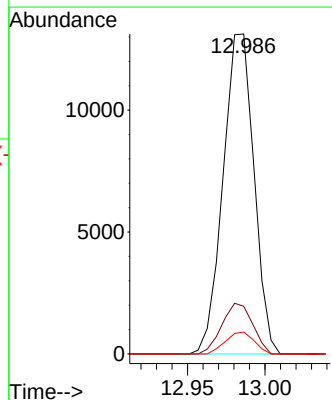
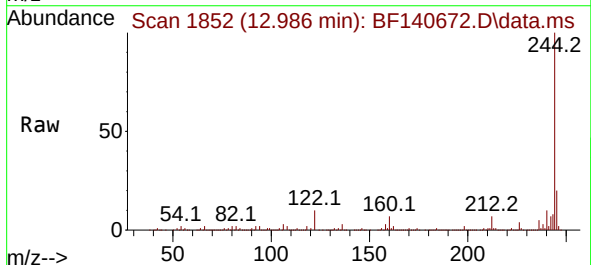
Instrument :
BNA_F
ClientSampleId :
001

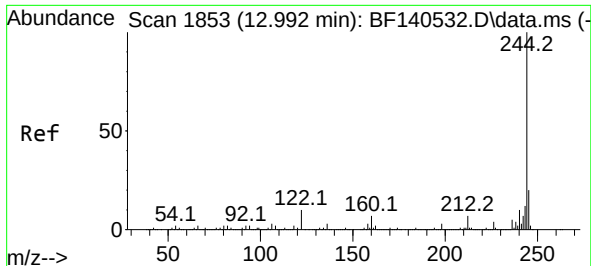
Tgt Ion:240 Resp: 198279
Ion Ratio Lower Upper
240 100
120 9.7 7.3 10.9
236 25.3 20.6 31.0



#77
Benzidine
Concen: 3.158 ng
RT: 12.986 min Scan# 1852
Delta R.T. 0.247 min
Lab File: BF140672.D
Acq: 27 Nov 2024 16:14

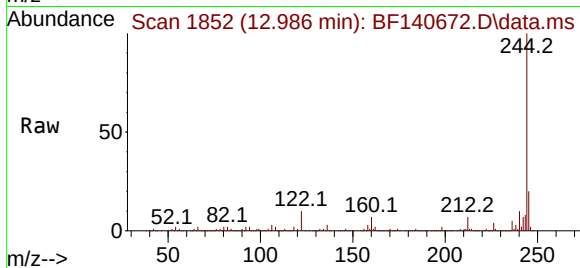
Tgt Ion:184 Resp: 18206
Ion Ratio Lower Upper
184 100
185 14.9 11.7 17.5
183 6.9 8.8 13.2#



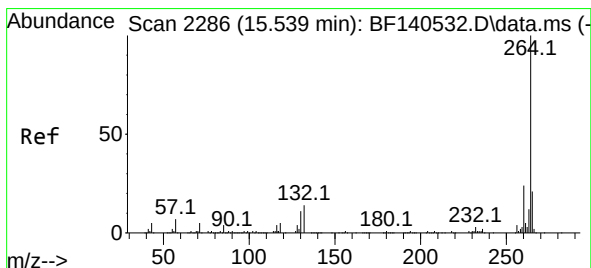
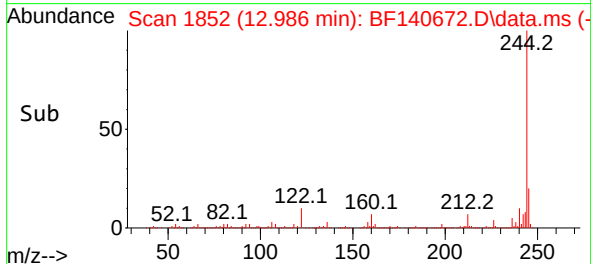
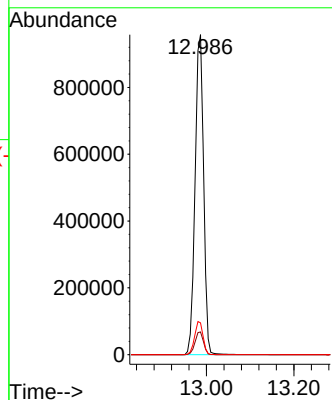


#79
Terphenyl-d14
Concen: 102.105 ng
RT: 12.986 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF140672.D
Acq: 27 Nov 2024 16:14

Instrument :
BNA_F
ClientSampleId :
001



Tgt Ion:244 Resp: 1300165
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 9.9 8.0 12.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2287
Delta R.T. 0.006 min
Lab File: BF140672.D
Acq: 27 Nov 2024 16:14

Tgt Ion:264 Resp: 96521
Ion Ratio Lower Upper
264 100
260 24.9 19.0 28.6
265 21.3 16.6 25.0

