

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112724\
 Data File : BF140663.D
 Acq On : 27 Nov 2024 12:19
 Operator : RC/JU
 Sample : P4985-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-740-WC

Quant Time: Nov 27 12:47:48 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)

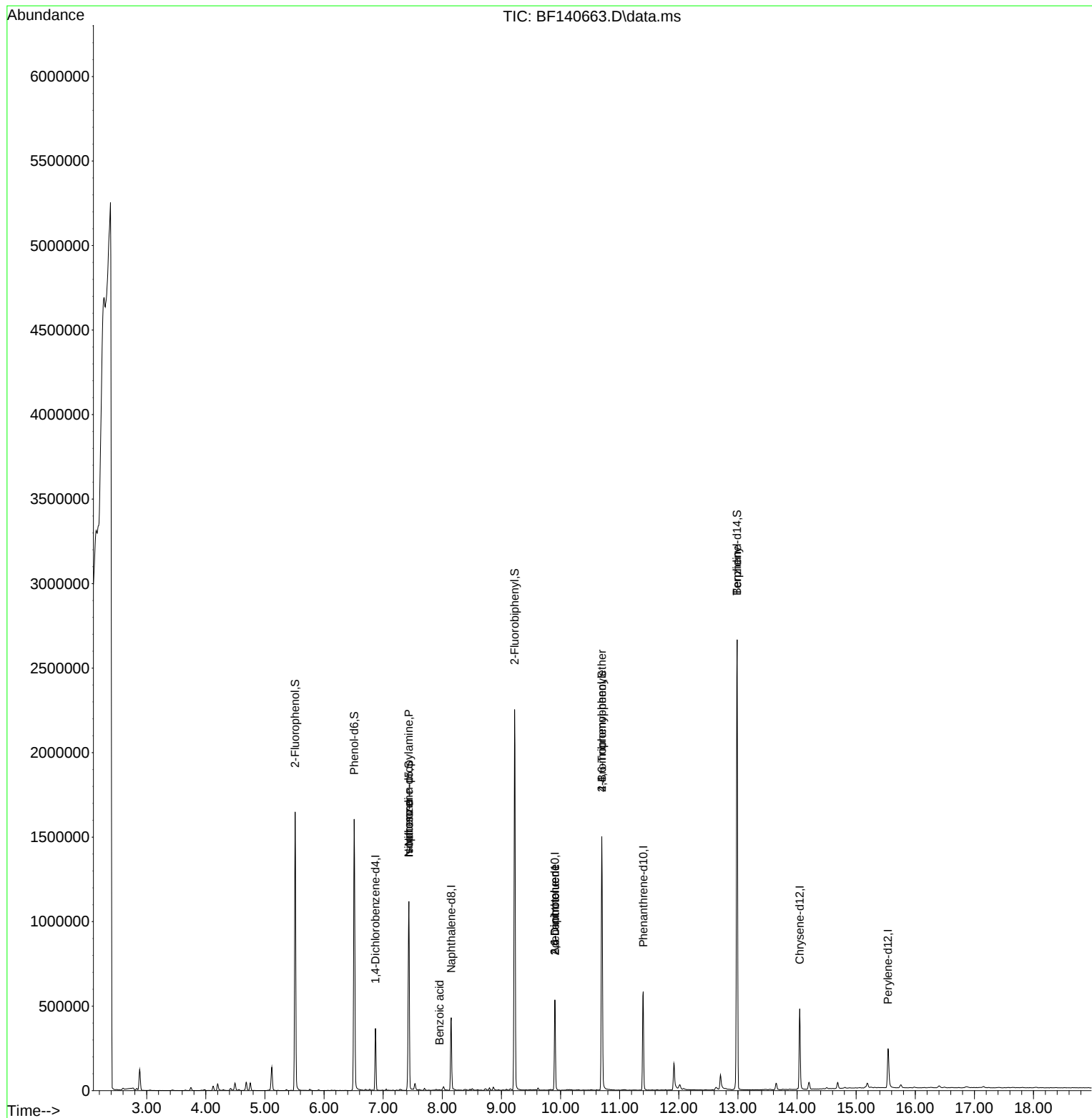
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	75995	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	286954	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	161508	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	322573	20.000	ng	0.00
76) Chrysene-d12	14.045	240	241616	20.000	ng	0.00
86) Perylene-d12	15.539	264	156641	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	621694	139.580	ng	0.01
7) Phenol-d6	6.510	99	788710	133.945	ng	0.00
23) Nitrobenzene-d5	7.434	82	525724	93.712	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	271162	156.982	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1039312	95.879	ng	-0.01
79) Terphenyl-d14	12.986	244	1348490	86.905	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	70049	20.129	ng	# 77
25) Isophorone	7.434	82	516538	55.203	ng	# 66
32) Benzoic acid	7.951	122	2221	7.898	ng	# 40
51) 2,6-Dinitrotoluene	9.904	165	20950	8.684	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	20950	6.534	ng	# 17
67) 4-Bromophenyl-phenylether	10.698	248	17357	5.225	ng	# 1
77) Benzidine	12.986	184	18590	2.646	ng	# 91

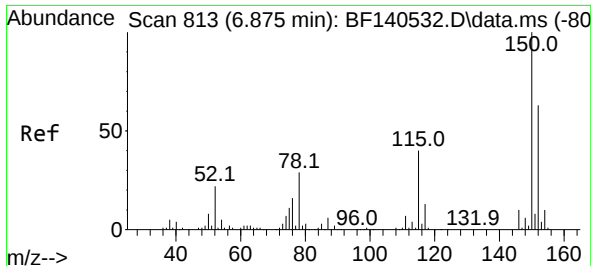
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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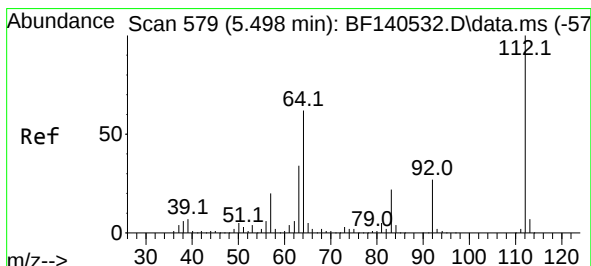
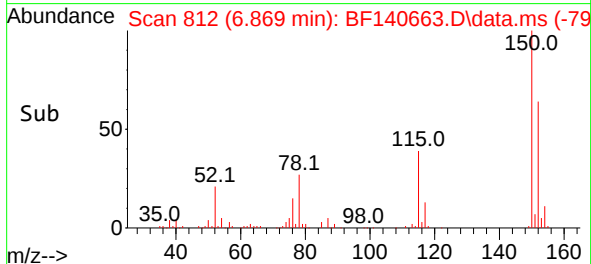
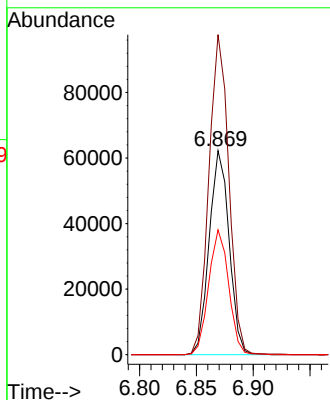
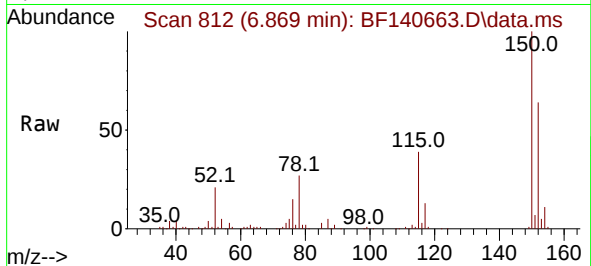




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140663.D
Acq: 27 Nov 2024 12:19

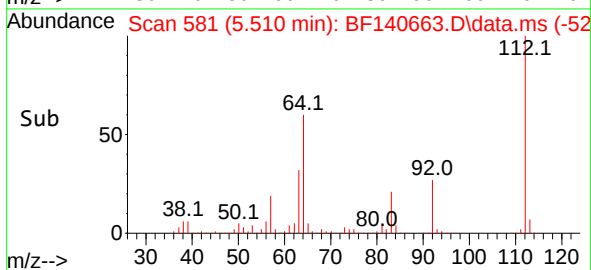
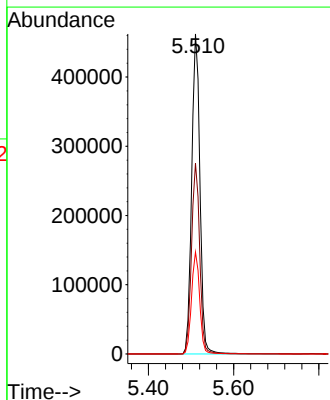
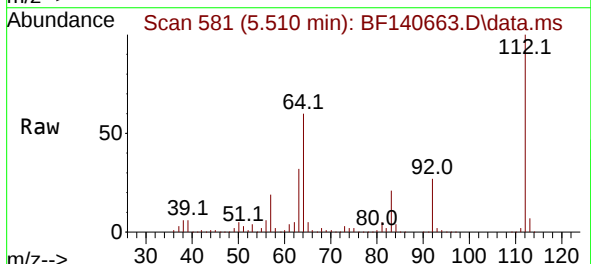
Instrument :
BNA_F
ClientSampleId :
MH-740-WC

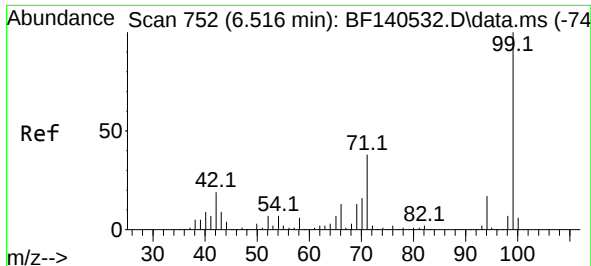
Tgt Ion:152 Resp: 75995
Ion Ratio Lower Upper
152 100
150 156.9 128.5 192.7
115 61.2 50.2 75.4



#5
2-Fluorophenol
Concen: 139.580 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140663.D
Acq: 27 Nov 2024 12:19

Tgt Ion:112 Resp: 621694
Ion Ratio Lower Upper
112 100
64 59.6 49.2 73.8
63 31.8 27.0 40.4

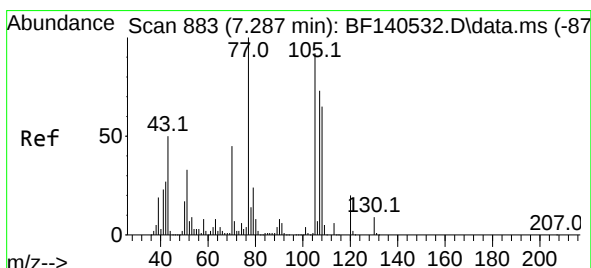
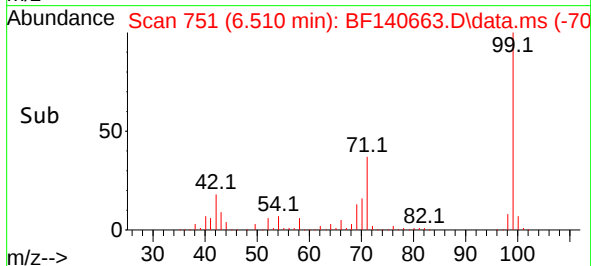
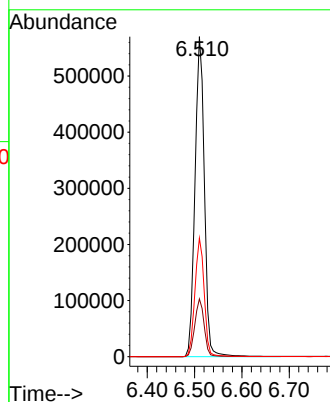
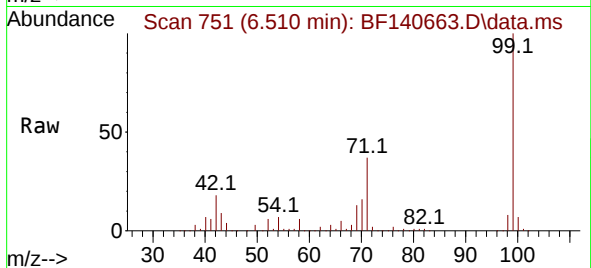




#7
Phenol-d6
Concen: 133.945 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140663.D
Acq: 27 Nov 2024 12:19

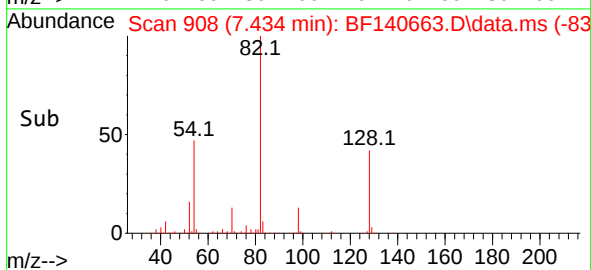
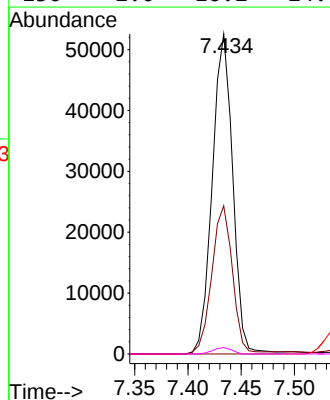
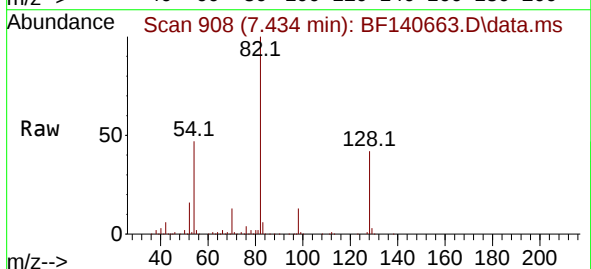
Instrument :
BNA_F
ClientSampleId :
MH-740-WC

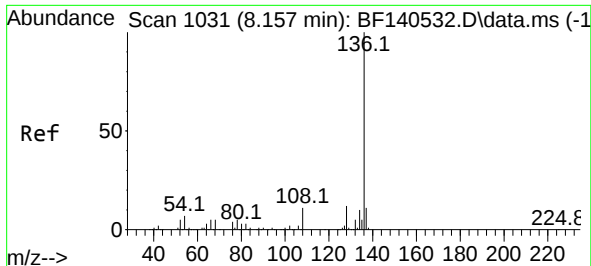
Tgt Ion: 99 Resp: 788710
Ion Ratio Lower Upper
99 100
42 18.0 15.4 23.0
71 37.1 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.129 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF140663.D
Acq: 27 Nov 2024 12:19

Tgt Ion: 70 Resp: 70049
Ion Ratio Lower Upper
70 100
42 46.3 47.6 71.4#
101 0.0 7.6 11.4#
130 2.0 16.2 24.4#

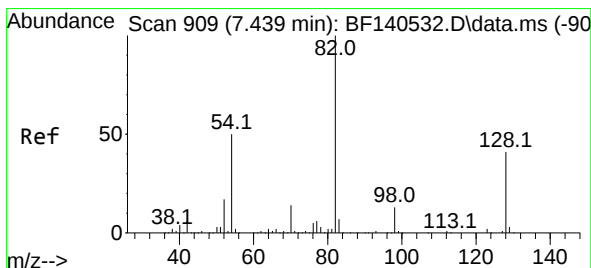
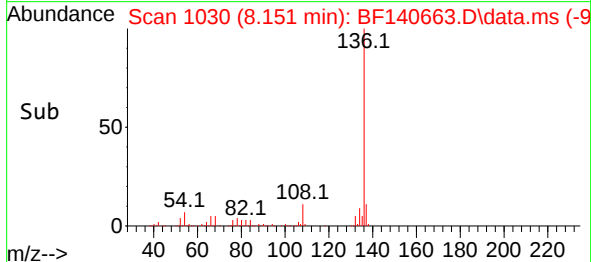
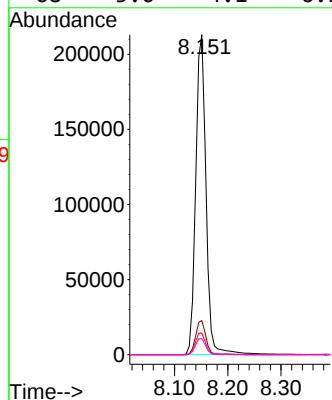
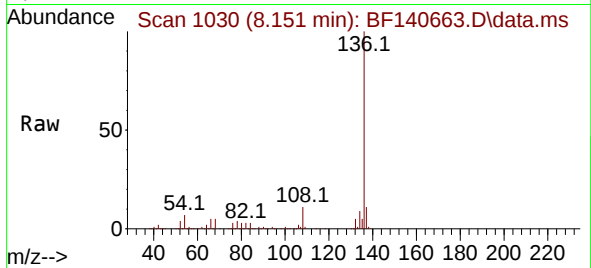




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140663.D
Acq: 27 Nov 2024 12:19

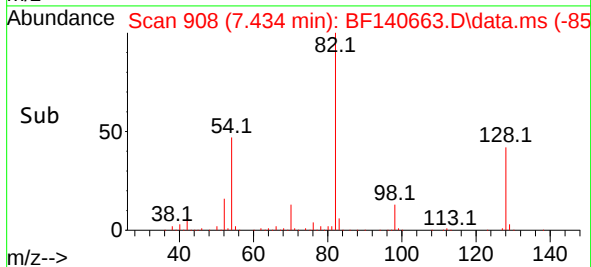
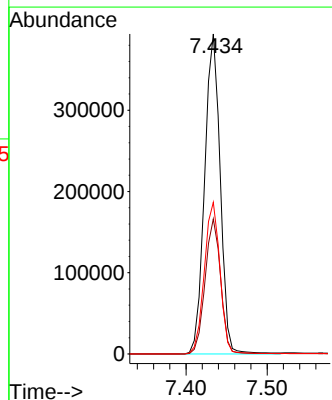
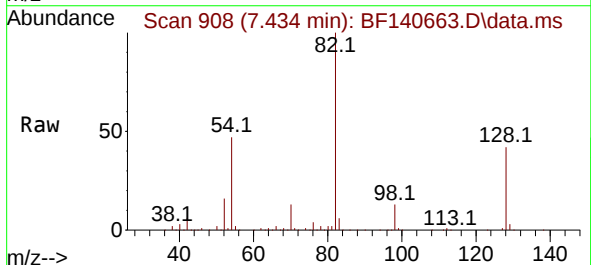
Instrument :
BNA_F
ClientSampleId :
MH-740-WC

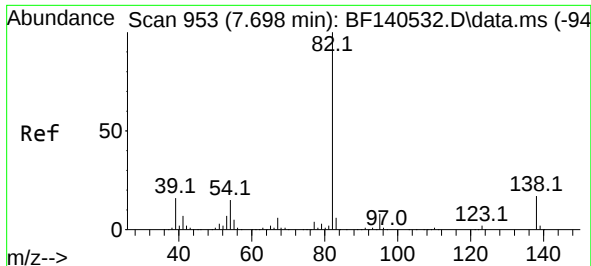
Tgt	Ion:136	Resp:	286954
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	6.7	5.8	8.8
68	5.0	4.1	6.1



#23
Nitrobenzene-d5
Concen: 93.712 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140663.D
Acq: 27 Nov 2024 12:19

Tgt Ion: 82	Resp: 525724
Ion Ratio	Lower Upper
82 100	
128 42.2	33.0 49.4
54 47.4	39.5 59.3

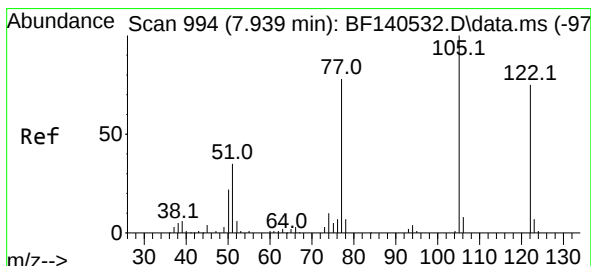
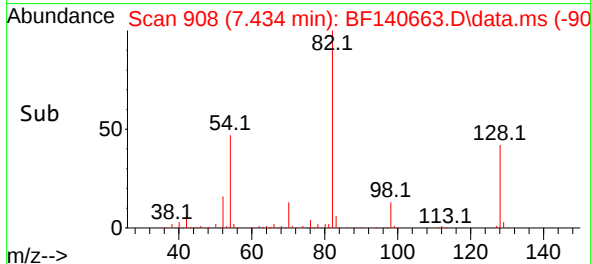
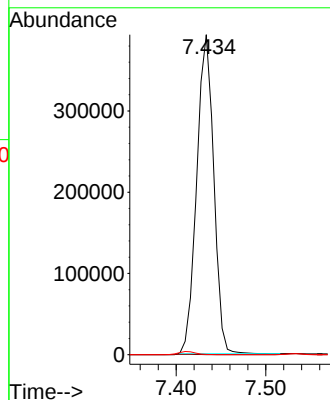
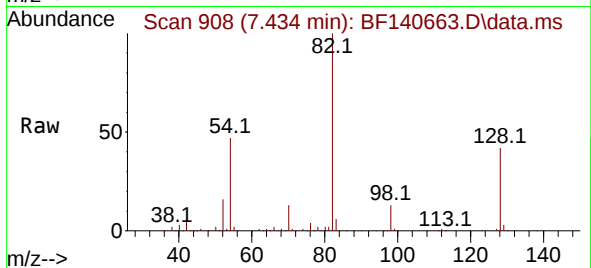




#25
Isophorone
Concen: 55.203 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140663.D
Acq: 27 Nov 2024 12:19

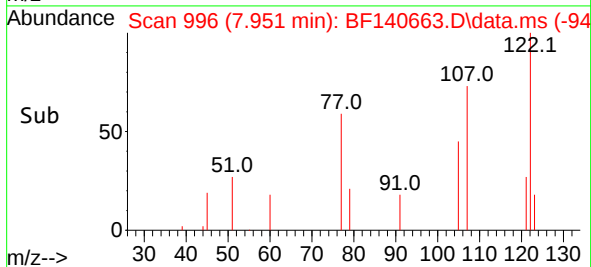
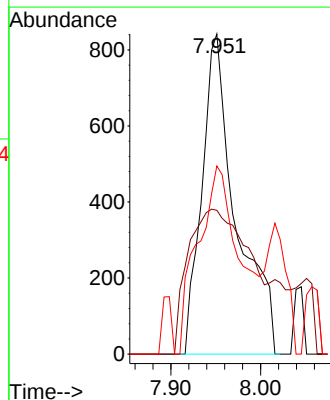
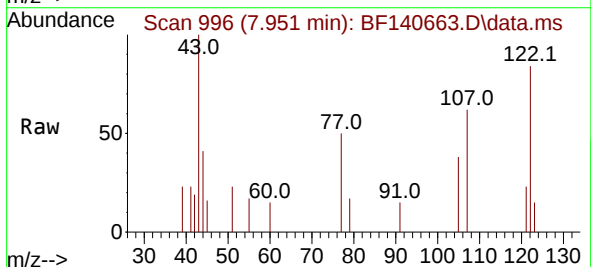
Instrument :
BNA_F
ClientSampleId :
MH-740-WC

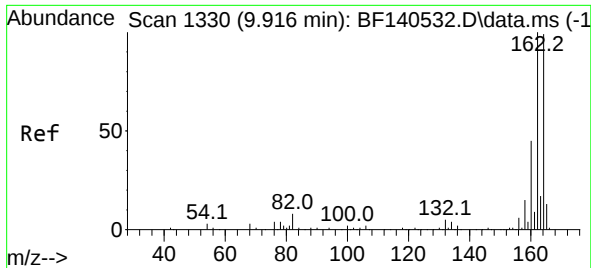
Tgt Ion: 82 Resp: 516538
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.1 13.8 20.6#



#32
Benzoic acid
Concen: 7.898 ng
RT: 7.951 min Scan# 996
Delta R.T. 0.012 min
Lab File: BF140663.D
Acq: 27 Nov 2024 12:19

Tgt Ion:122 Resp: 2221
Ion Ratio Lower Upper
122 100
105 44.9 109.3 149.3#
77 58.8 82.3 122.3#

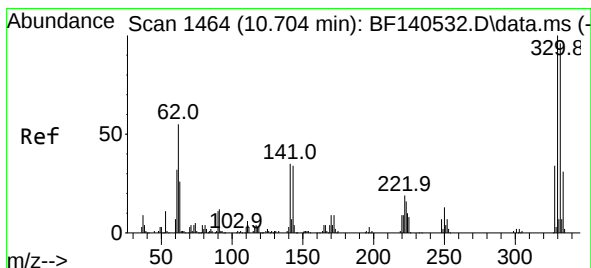
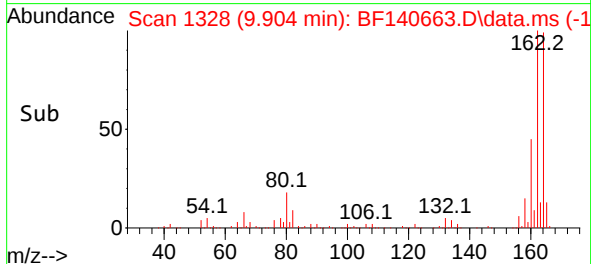
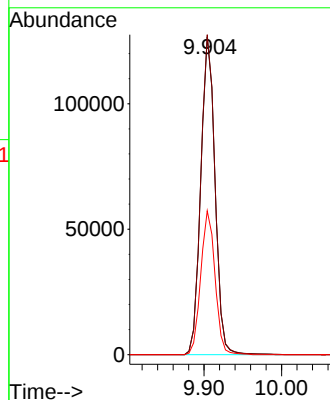
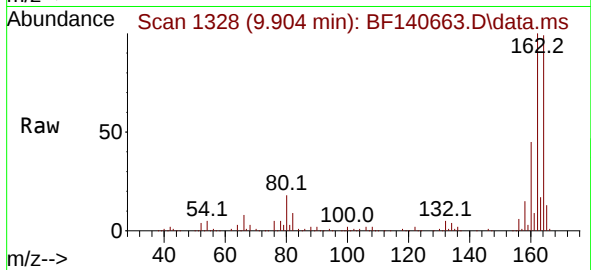




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140663.D
Acq: 27 Nov 2024 12:19

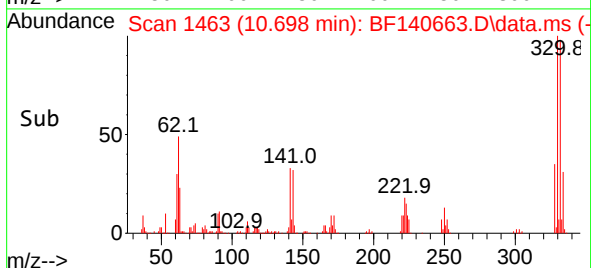
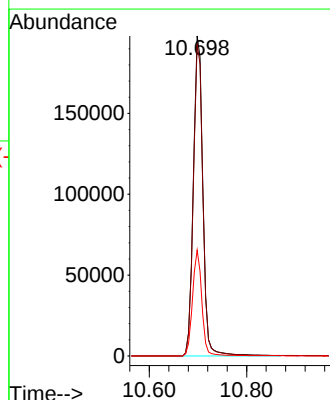
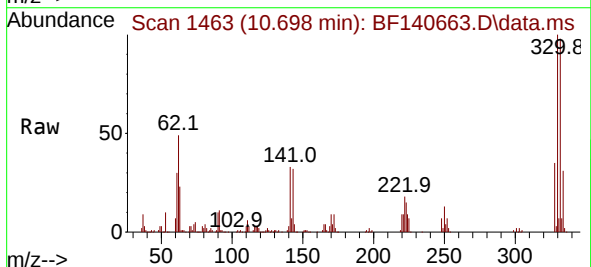
Instrument :
BNA_F
ClientSampleId :
MH-740-WC

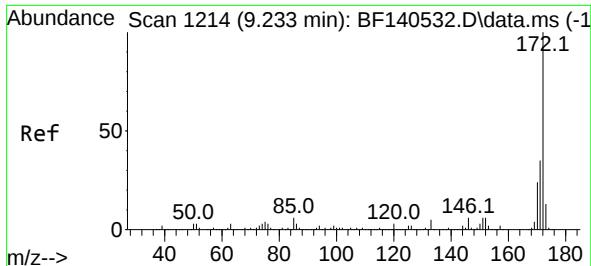
Tgt Ion:164 Resp: 161508
Ion Ratio Lower Upper
164 100
162 100.7 80.6 120.8
160 45.2 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 156.982 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140663.D
Acq: 27 Nov 2024 12:19

Tgt Ion:330 Resp: 271162
Ion Ratio Lower Upper
330 100
332 97.7 76.9 115.3
141 32.3 26.7 40.1





#45

2-Fluorobiphenyl

Concen: 95.879 ng

RT: 9.222 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF140663.D

Acq: 27 Nov 2024 12:19

Instrument :

BNA_F

ClientSampleId :

MH-740-WC

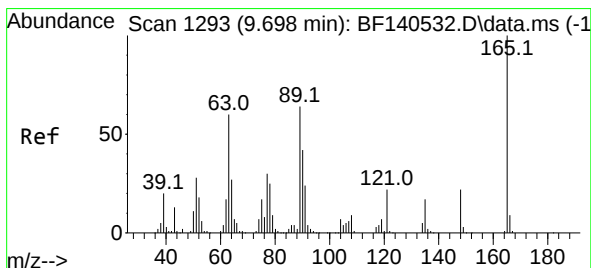
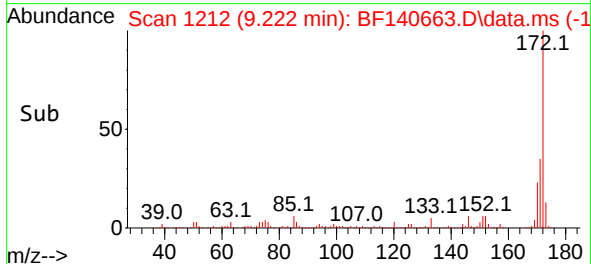
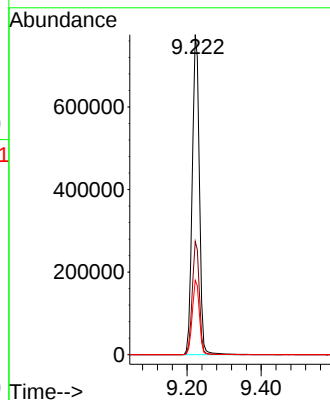
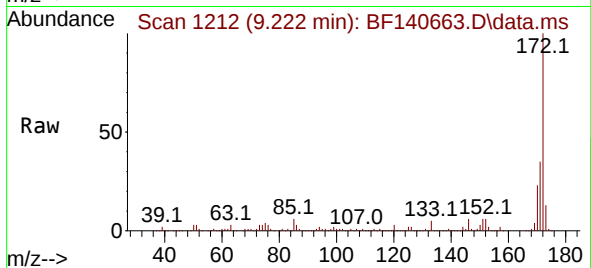
Tgt Ion:172 Resp: 1039312

Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.2 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 8.684 ng

RT: 9.904 min Scan# 1328

Delta R.T. 0.206 min

Lab File: BF140663.D

Acq: 27 Nov 2024 12:19

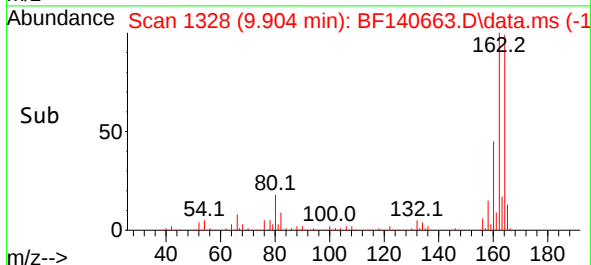
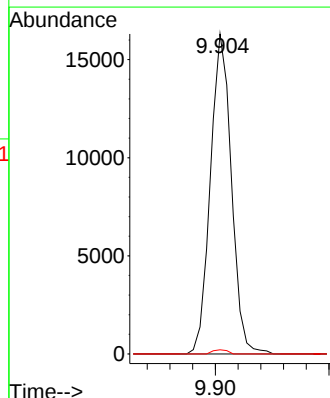
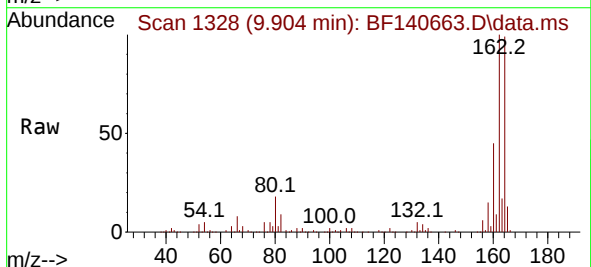
Tgt Ion:165 Resp: 20950

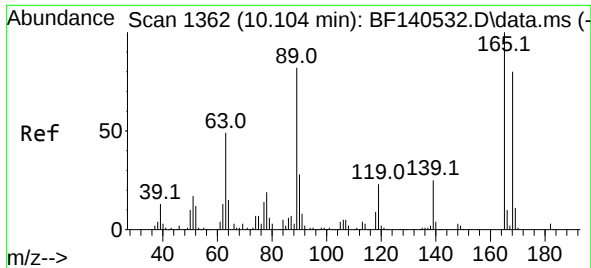
Ion Ratio Lower Upper

165 100

63 0.0 49.9 74.9#

89 1.3 50.9 76.3#

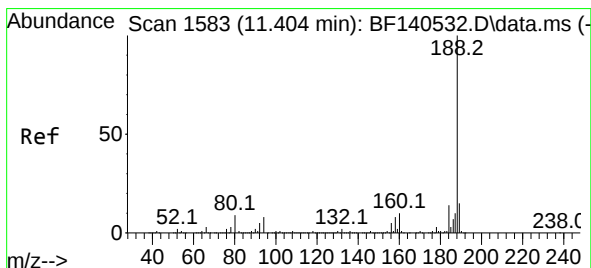
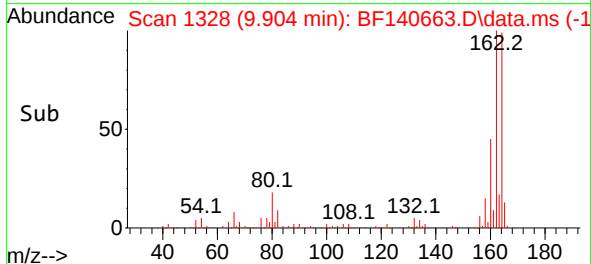
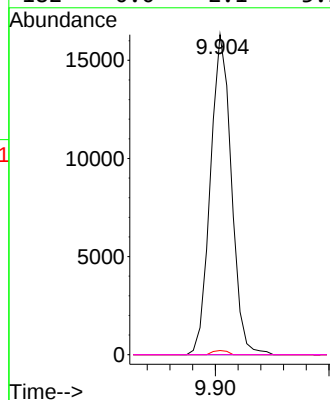
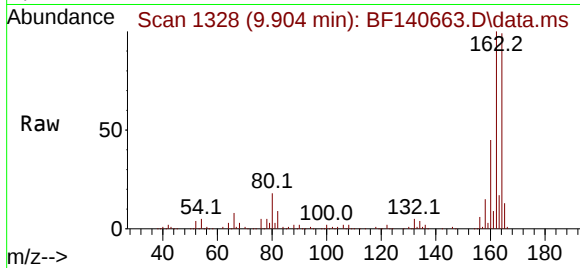




#57
2,4-Dinitrotoluene
Concen: 6.534 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF140663.D
Acq: 27 Nov 2024 12:19

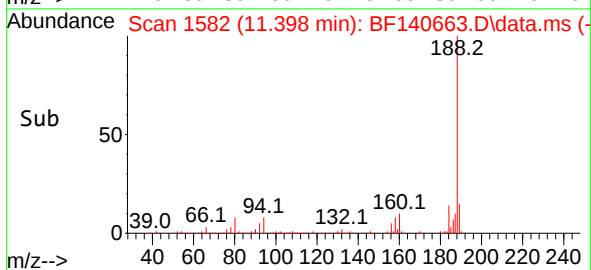
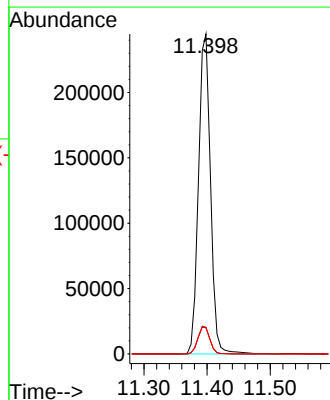
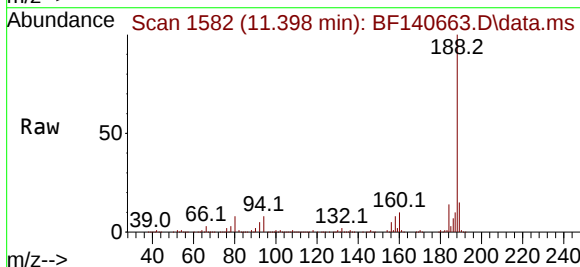
Instrument :
BNA_F
ClientSampleId :
MH-740-WC

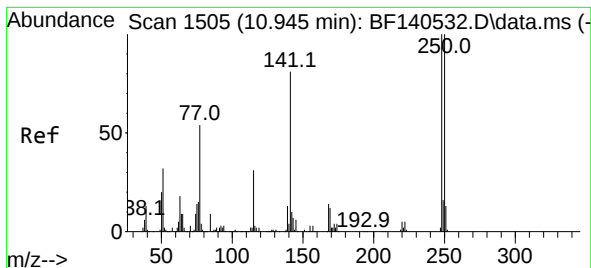
Tgt Ion:165 Resp: 20950
Ion Ratio Lower Upper
165 100
63 0.0 41.7 62.5#
89 1.3 65.8 98.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140663.D
Acq: 27 Nov 2024 12:19

Tgt Ion:188 Resp: 322573
Ion Ratio Lower Upper
188 100
94 8.2 6.4 9.6
80 8.4 6.9 10.3

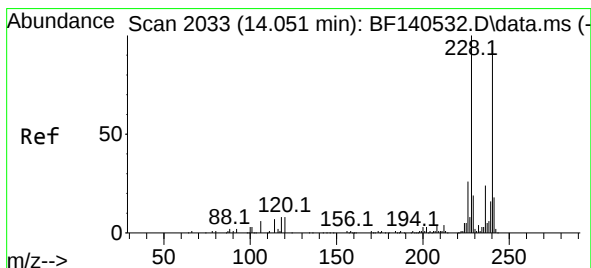
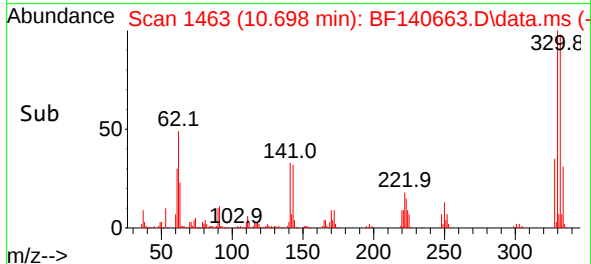
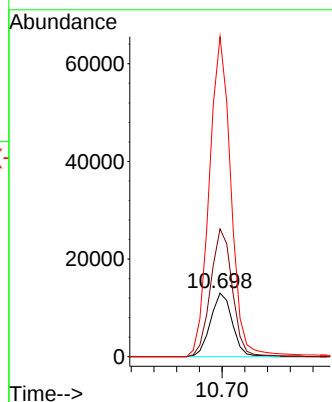
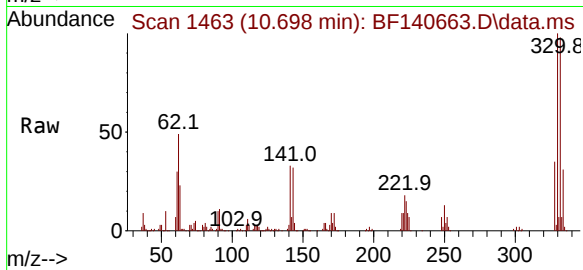




#67
4-Bromophenyl-phenylether
Concen: 5.225 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140663.D
Acq: 27 Nov 2024 12:19

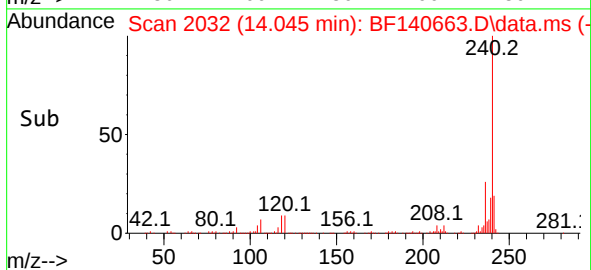
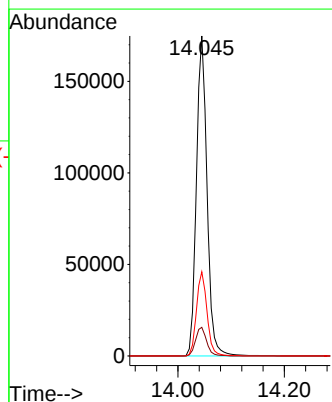
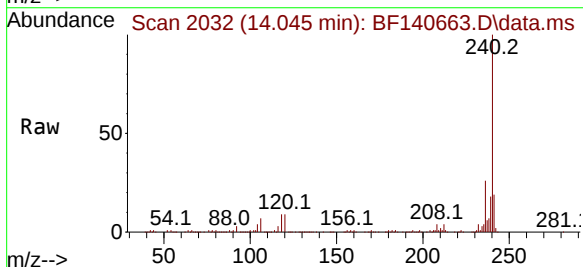
Instrument :
BNA_F
ClientSampleId :
MH-740-WC

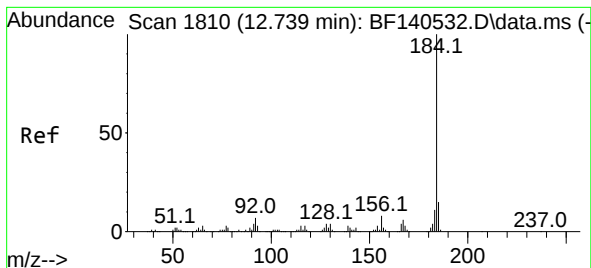
Tgt Ion:248 Resp: 17357
Ion Ratio Lower Upper
248 100
250 201.3 79.8 119.8#
141 503.7 64.7 97.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140663.D
Acq: 27 Nov 2024 12:19

Tgt Ion:240 Resp: 241616
Ion Ratio Lower Upper
240 100
120 9.0 7.3 10.9
236 26.3 20.6 31.0





#77

Benzidine

Concen: 2.646 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.247 min

Lab File: BF140663.D

Acq: 27 Nov 2024 12:19

Instrument :

BNA_F

ClientSampleId :

MH-740-WC

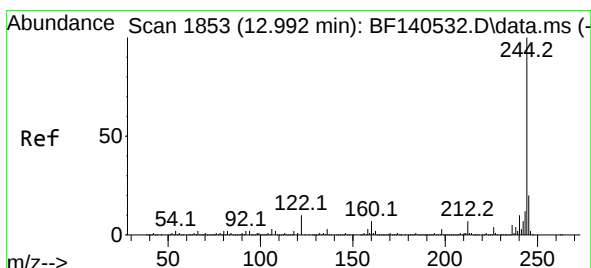
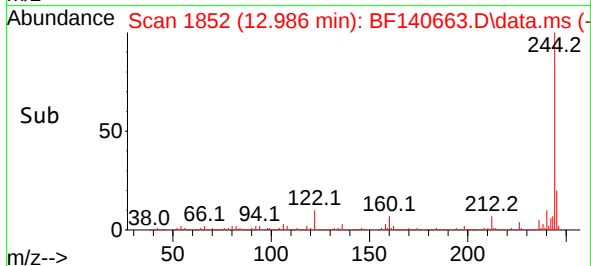
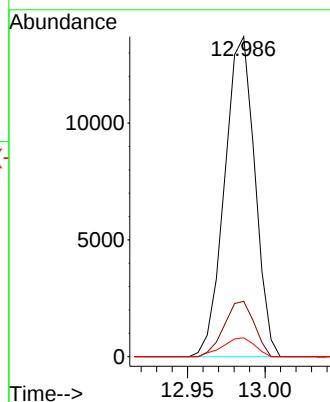
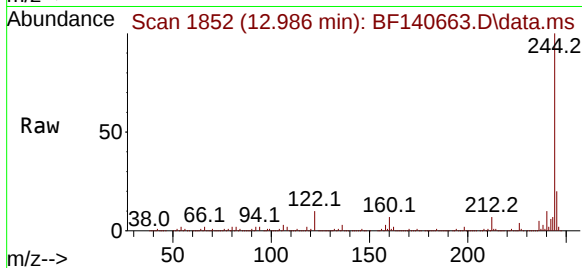
Tgt Ion:184 Resp: 18590

Ion Ratio Lower Upper

184 100

185 17.3 11.7 17.5

183 5.9 8.8 13.2#



#79

Terphenyl-d14

Concen: 86.905 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BF140663.D

Acq: 27 Nov 2024 12:19

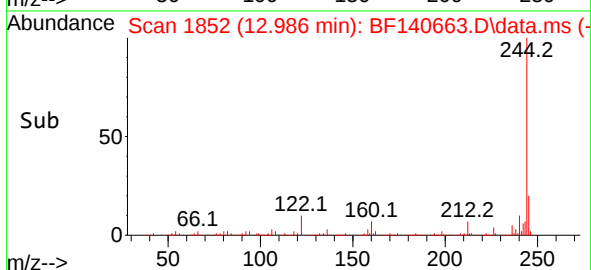
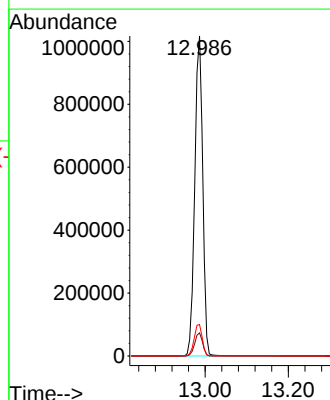
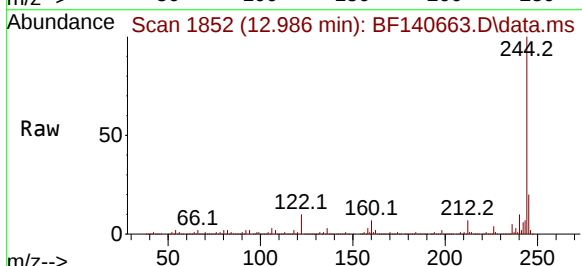
Tgt Ion:244 Resp: 1348490

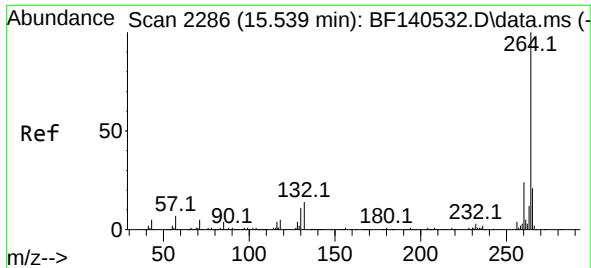
Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

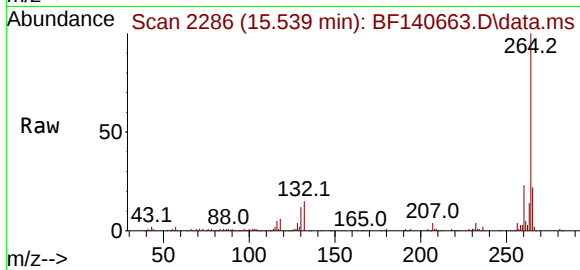
122 9.8 8.0 12.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF140663.D
 Acq: 27 Nov 2024 12:19

Instrument :
 BNA_F
 ClientSampleId :
 MH-740-WC



Tgt Ion:264 Resp: 156641
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.0 28.6
 265 21.7 16.6 25.0

