

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120224\
 Data File : BF140692.D
 Acq On : 02 Dec 2024 16:47
 Operator : RC/JU
 Sample : P5048-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-746-WC

Quant Time: Dec 02 17:27:07 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)

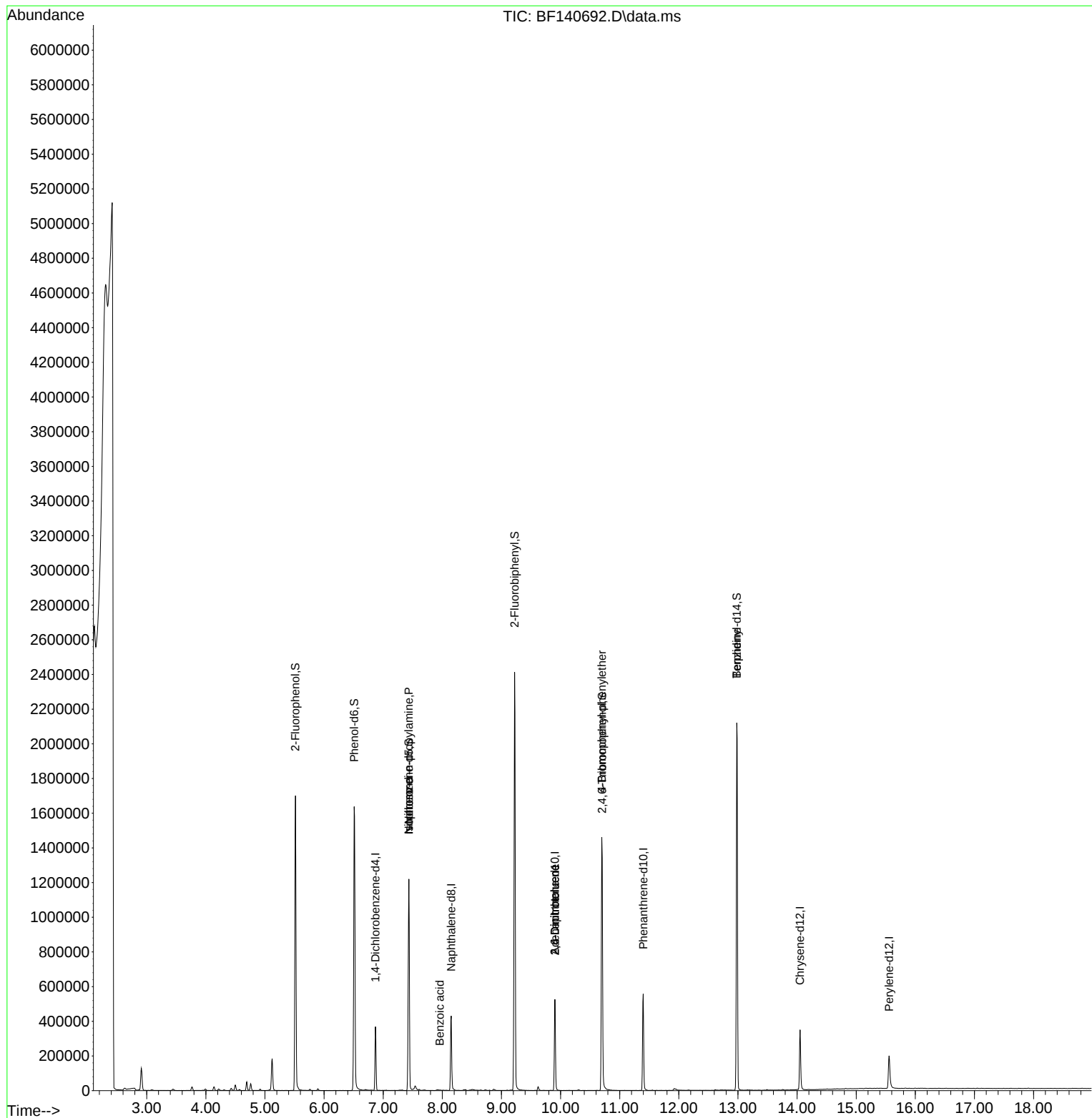
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	76782	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	290714	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	163791	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	321963	20.000	ng	0.00
76) Chrysene-d12	14.051	240	187394	20.000	ng	0.00
86) Perylene-d12	15.556	264	147072	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	651089	144.682	ng	0.02
7) Phenol-d6	6.510	99	838769	140.986	ng	0.00
23) Nitrobenzene-d5	7.433	82	583798	102.718	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	276698	157.955	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1125649	102.396	ng	-0.01
79) Terphenyl-d14	12.980	244	1076458	89.447	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.433	70	76945	21.884	ng	# 76
25) Isophorone	7.433	82	574462	60.599	ng	# 66
32) Benzoic acid	7.957	122	1325	7.608	ng	# 87
51) 2,6-Dinitrotoluene	9.904	165	21369	8.735	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	21369	6.572	ng	# 17
67) 4-Bromophenyl-phenylether	10.698	248	17532	5.288	ng	# 1
77) Benzidine	12.980	184	14174	2.602	ng	# 90

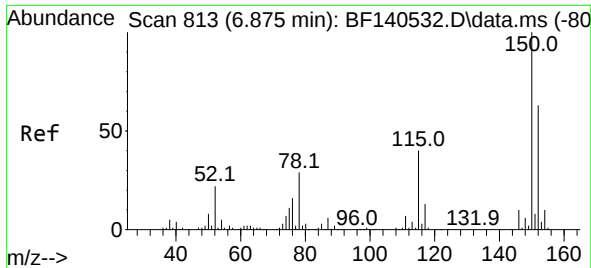
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120224\
Data File : BF140692.D
Acq On : 02 Dec 2024 16:47
Operator : RC/JU
Sample : P5048-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-746-WC

Quant Time: Dec 02 17:27:07 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

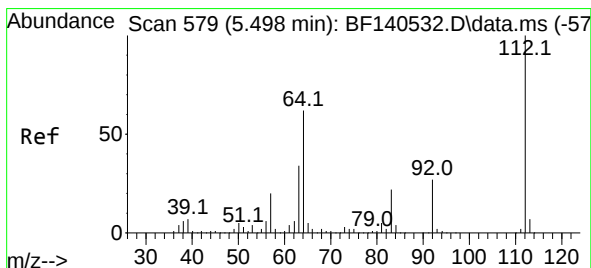
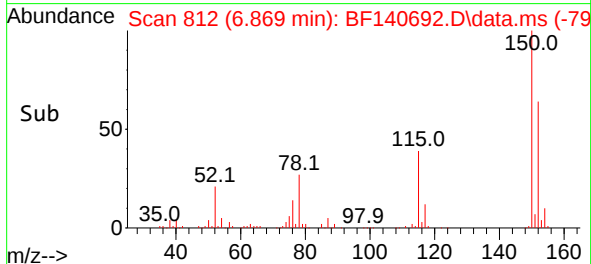
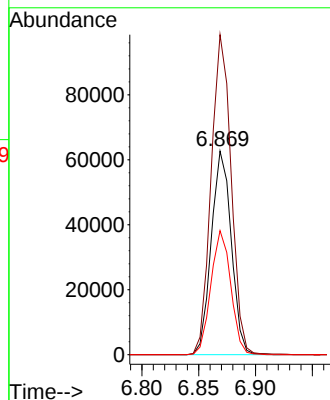
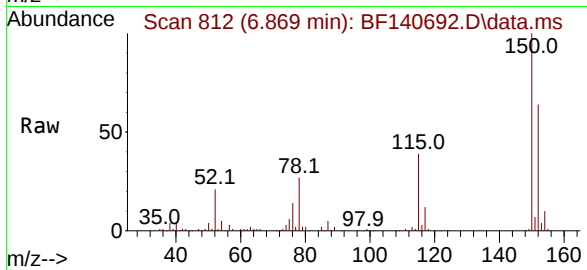




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140692.D
Acq: 02 Dec 2024 16:47

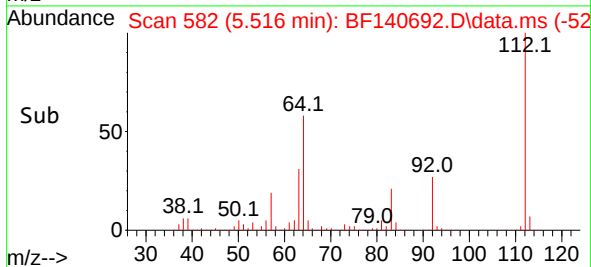
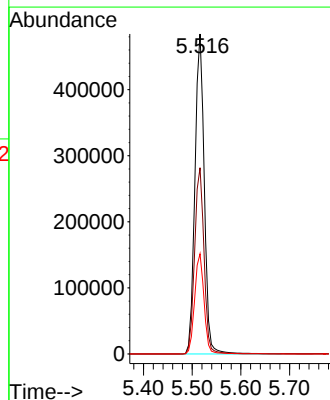
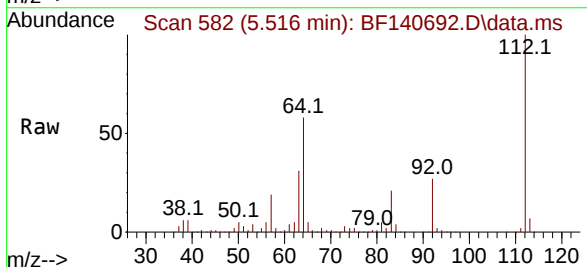
Instrument :
BNA_F
ClientSampleId :
MH-746-WC

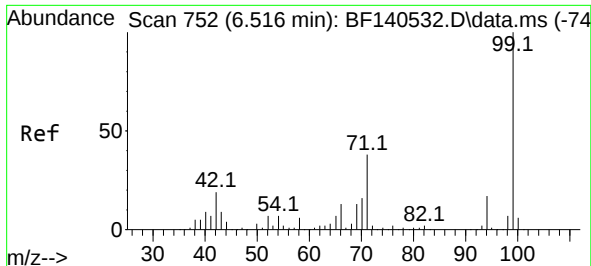
Tgt Ion:152 Resp: 76782
Ion Ratio Lower Upper
152 100
150 157.2 128.5 192.7
115 60.9 50.2 75.4



#5
2-Fluorophenol
Concen: 144.682 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140692.D
Acq: 02 Dec 2024 16:47

Tgt Ion:112 Resp: 651089
Ion Ratio Lower Upper
112 100
64 58.2 49.2 73.8
63 31.3 27.0 40.4

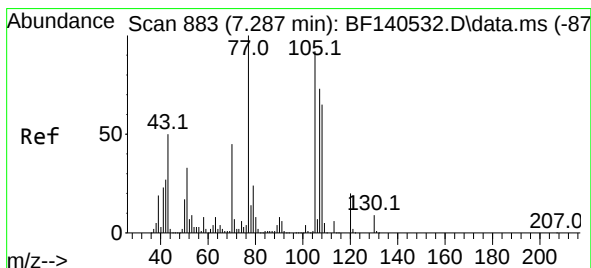
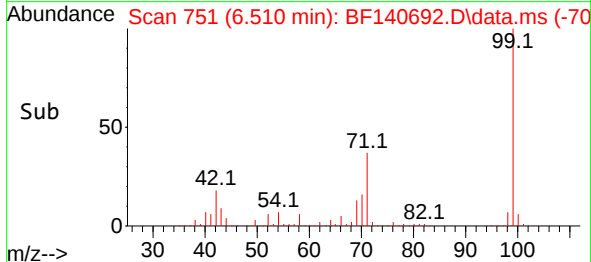
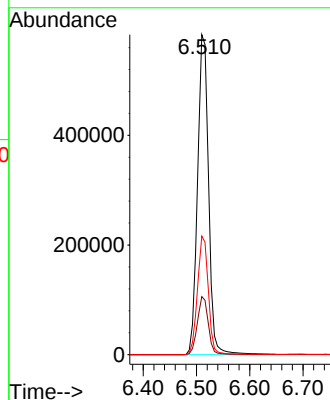
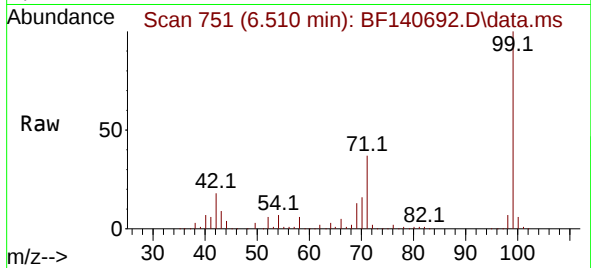




#7
Phenol-d6
Concen: 140.986 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140692.D
Acq: 02 Dec 2024 16:47

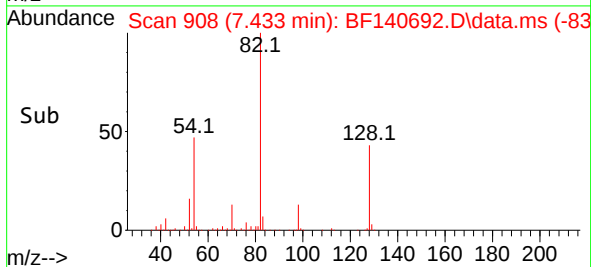
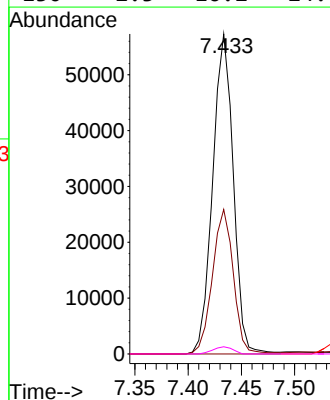
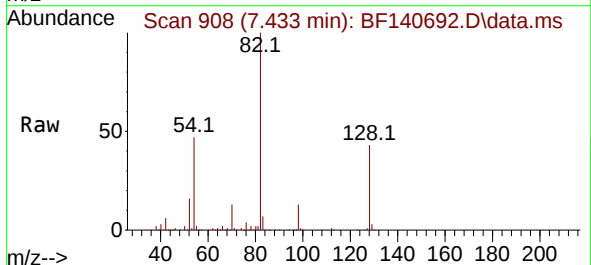
Instrument :
BNA_F
ClientSampleId :
MH-746-WC

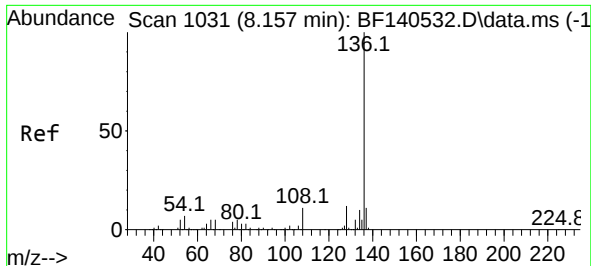
Tgt Ion: 99 Resp: 838769
Ion Ratio Lower Upper
99 100
42 18.1 15.4 23.0
71 37.0 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 21.884 ng
RT: 7.433 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF140692.D
Acq: 02 Dec 2024 16:47

Tgt Ion: 70 Resp: 76945
Ion Ratio Lower Upper
70 100
42 45.2 47.6 71.4#
101 0.0 7.6 11.4#
130 2.3 16.2 24.4#



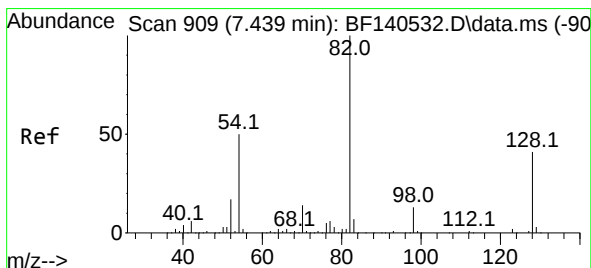
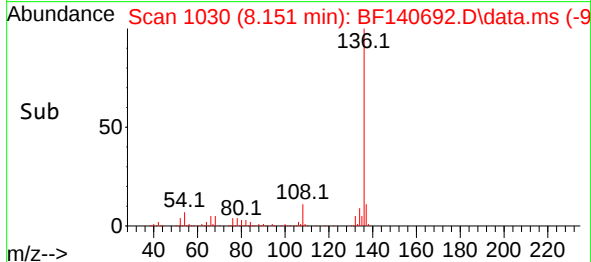
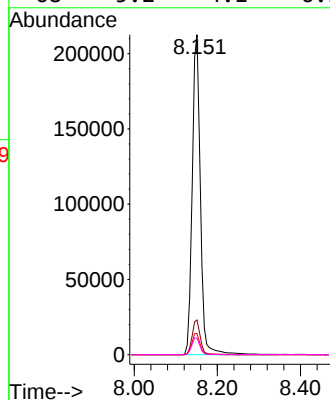
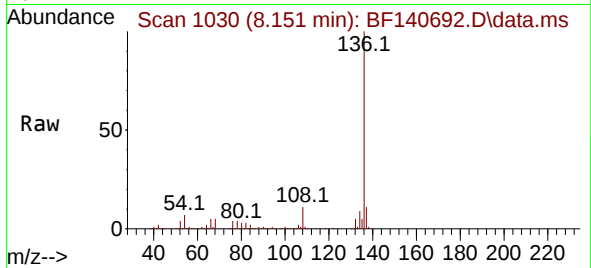


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140692.D
Acq: 02 Dec 2024 16:47

Instrument :
BNA_F
ClientSampleId :
MH-746-WC

Tgt Ion:136 Resp: 290714

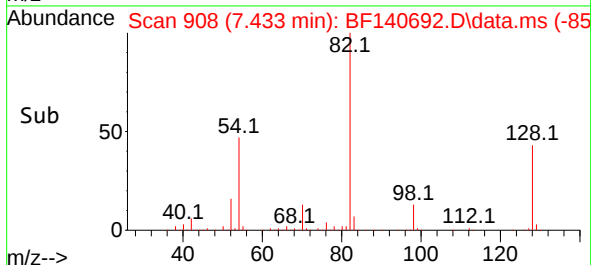
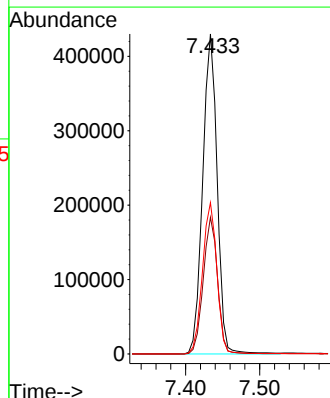
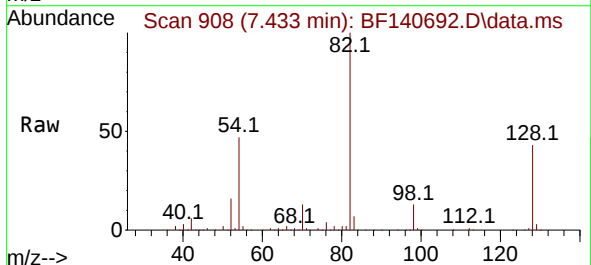
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	6.6	5.8	8.8
68	5.2	4.1	6.1

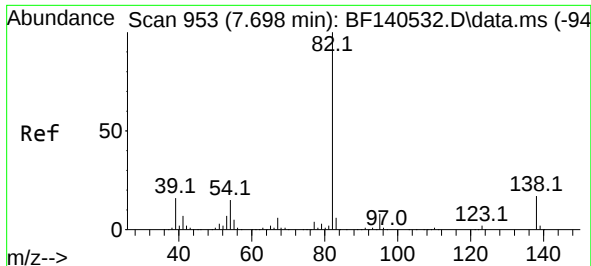


#23
Nitrobenzene-d5
Concen: 102.718 ng
RT: 7.433 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140692.D
Acq: 02 Dec 2024 16:47

Tgt Ion: 82 Resp: 583798

Ion	Ratio	Lower	Upper
82	100		
128	42.7	33.0	49.4
54	47.3	39.5	59.3

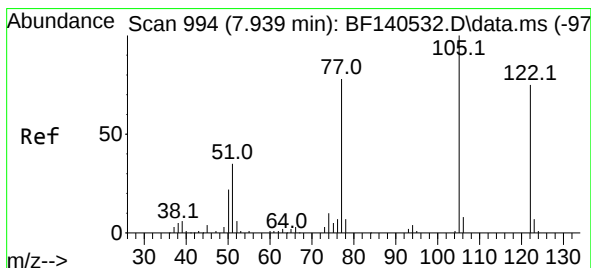
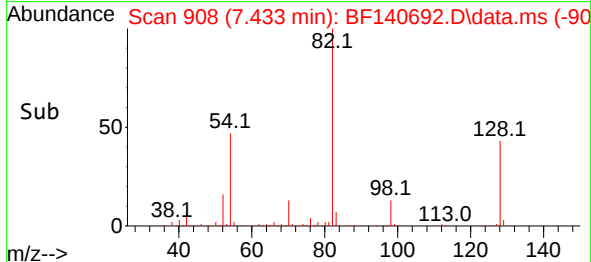
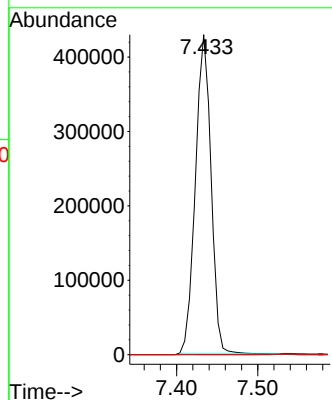
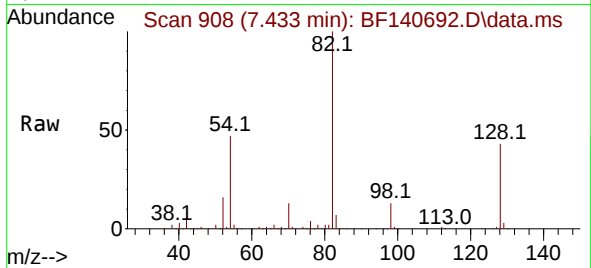




#25
Isophorone
Concen: 60.599 ng
RT: 7.433 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140692.D
Acq: 02 Dec 2024 16:47

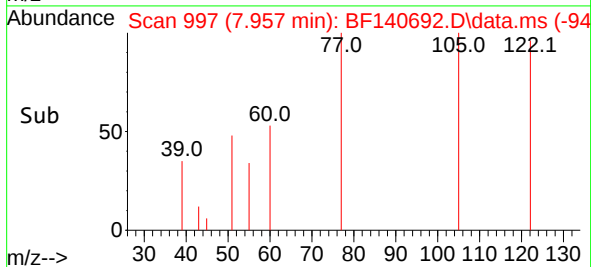
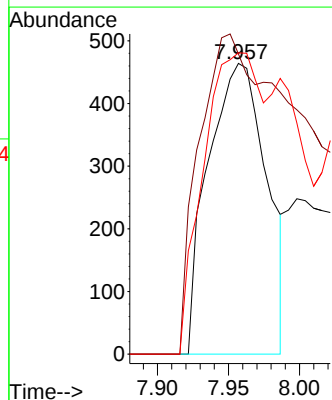
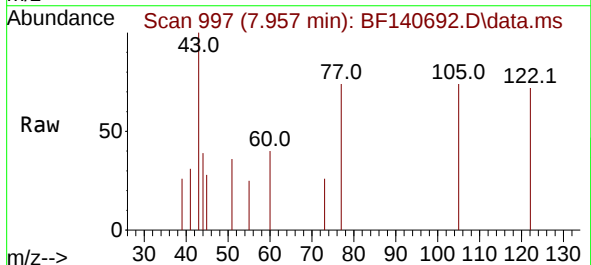
Instrument :
BNA_F
ClientSampleId :
MH-746-WC

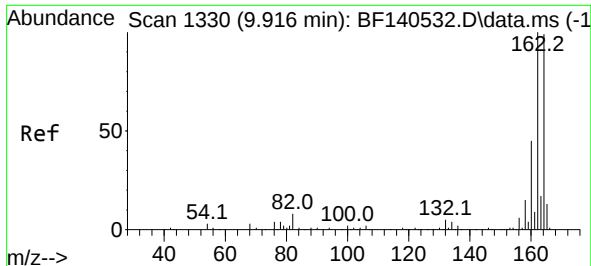
Tgt Ion: 82 Resp: 574462
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#32
Benzoic acid
Concen: 7.608 ng
RT: 7.957 min Scan# 997
Delta R.T. 0.018 min
Lab File: BF140692.D
Acq: 02 Dec 2024 16:47

Tgt Ion: 122 Resp: 1325
Ion Ratio Lower Upper
122 100
105 103.2 109.3 149.3#
77 103.7 82.3 122.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF140692.D

Acq: 02 Dec 2024 16:47

Instrument :

BNA_F

ClientSampleId :

MH-746-WC

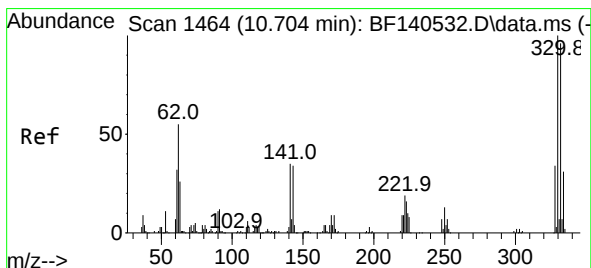
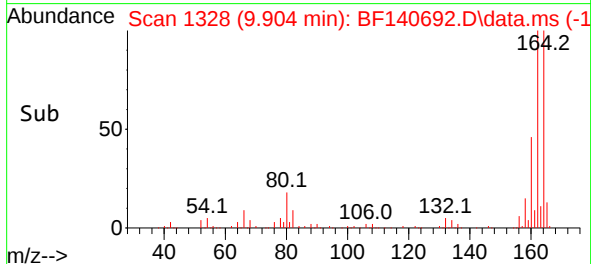
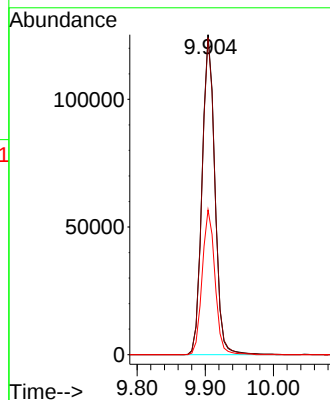
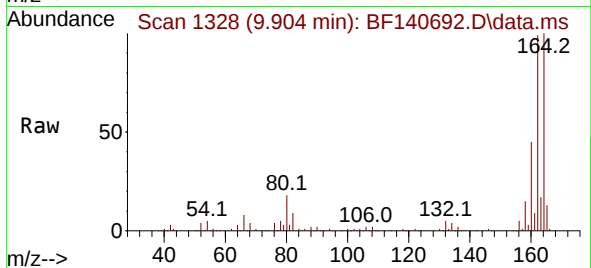
Tgt Ion:164 Resp: 163791

Ion Ratio Lower Upper

164 100

162 99.1 80.6 120.8

160 45.3 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 157.955 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.000 min

Lab File: BF140692.D

Acq: 02 Dec 2024 16:47

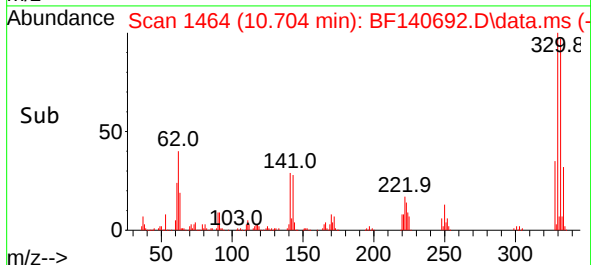
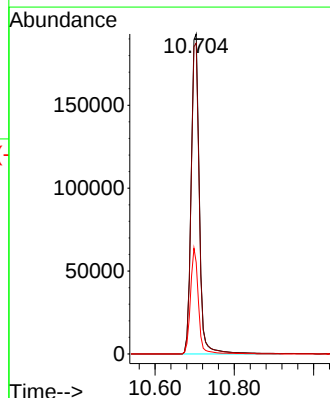
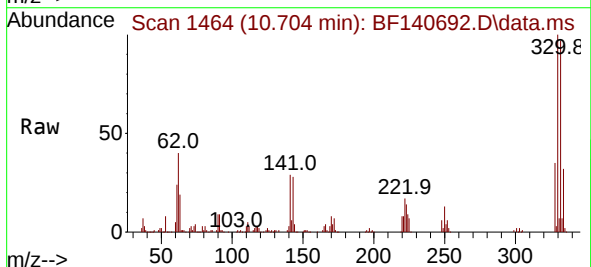
Tgt Ion:330 Resp: 276698

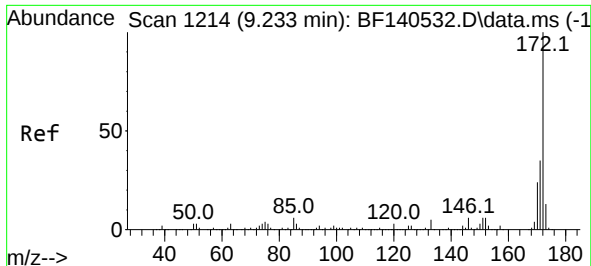
Ion Ratio Lower Upper

330 100

332 97.1 76.9 115.3

141 32.3 26.7 40.1





#45

2-Fluorobiphenyl

Concen: 102.396 ng

RT: 9.222 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF140692.D

Acq: 02 Dec 2024 16:47

Instrument :

BNA_F

ClientSampleId :

MH-746-WC

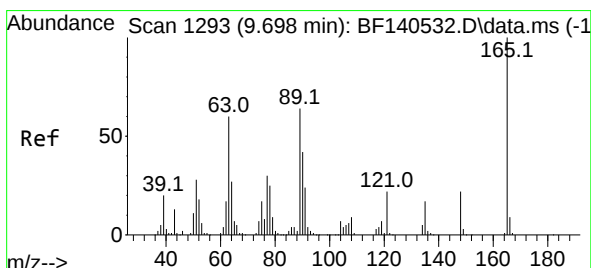
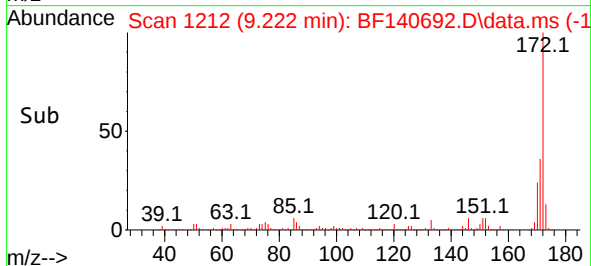
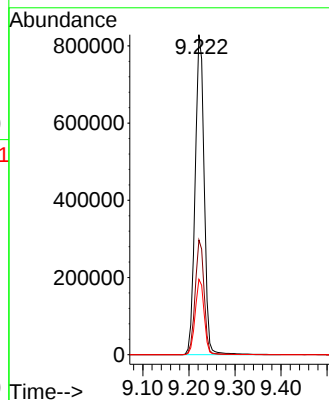
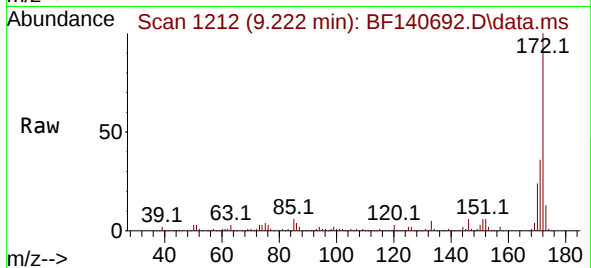
Tgt Ion:172 Resp: 1125649

Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

170 23.6 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 8.735 ng

RT: 9.904 min Scan# 1328

Delta R.T. 0.206 min

Lab File: BF140692.D

Acq: 02 Dec 2024 16:47

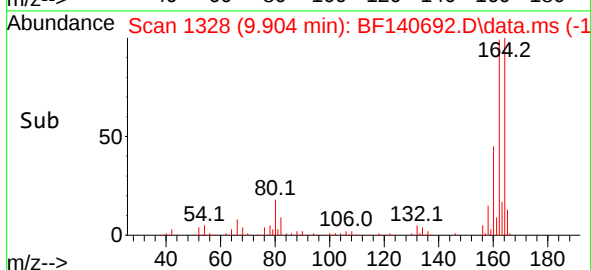
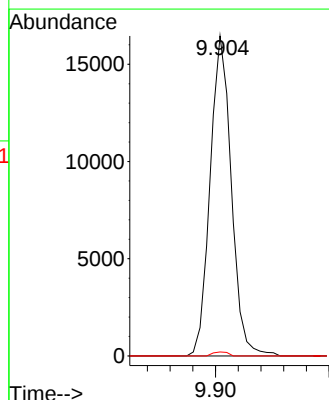
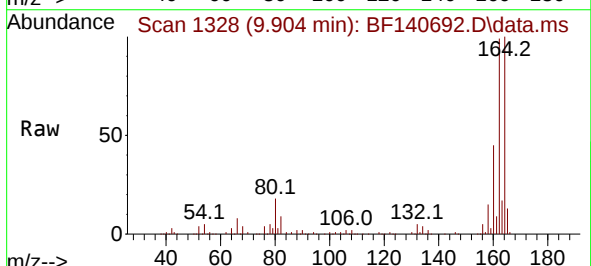
Tgt Ion:165 Resp: 21369

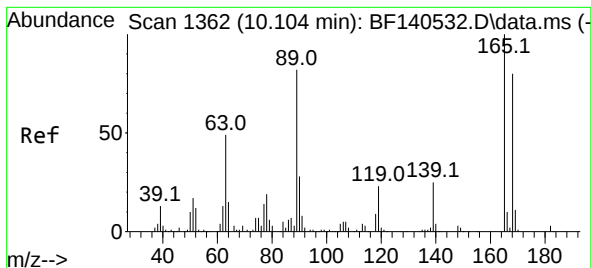
Ion Ratio Lower Upper

165 100

63 0.0 49.9 74.9#

89 1.3 50.9 76.3#

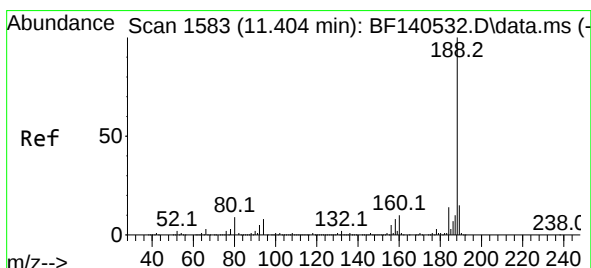
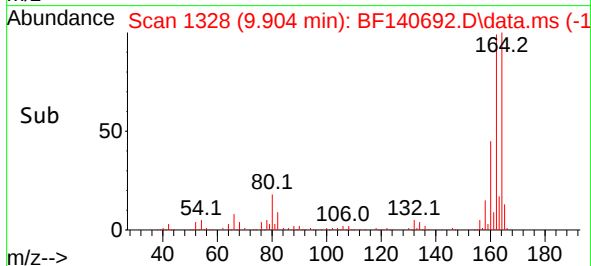
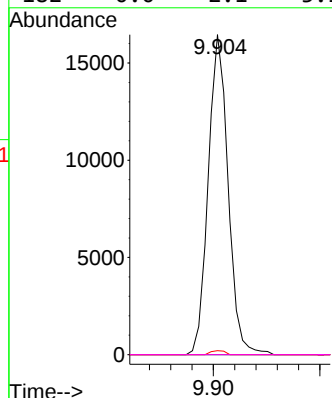
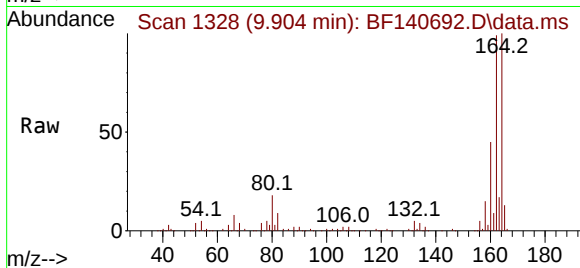




#57
2,4-Dinitrotoluene
Concen: 6.572 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF140692.D
Acq: 02 Dec 2024 16:47

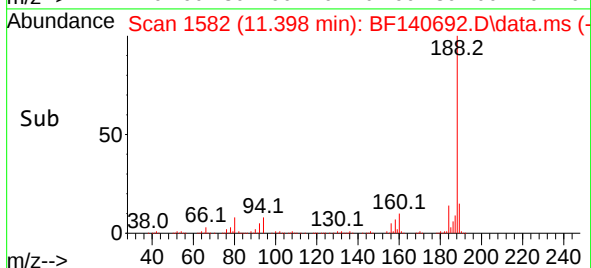
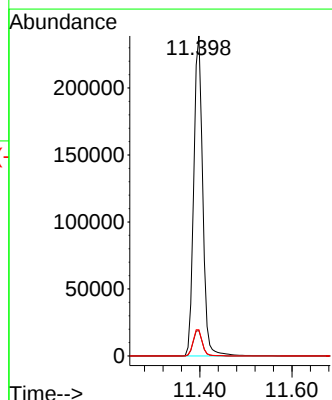
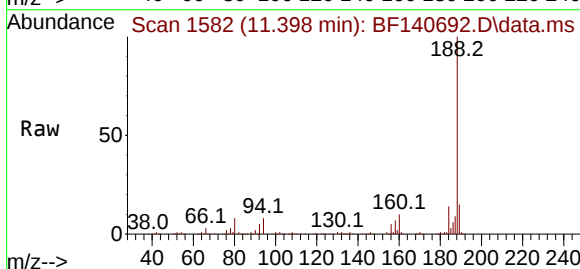
Instrument :
BNA_F
ClientSampleId :
MH-746-WC

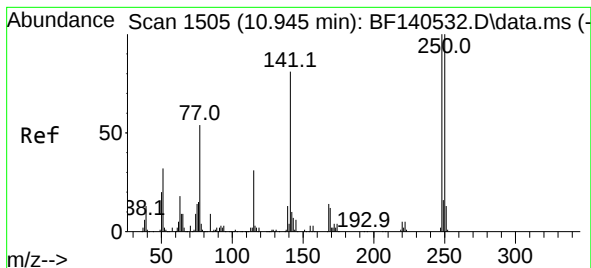
Tgt Ion:165 Resp: 21369
Ion Ratio Lower Upper
165 100
63 0.0 41.7 62.5#
89 1.3 65.8 98.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140692.D
Acq: 02 Dec 2024 16:47

Tgt Ion:188 Resp: 321963
Ion Ratio Lower Upper
188 100
94 7.9 6.4 9.6
80 8.2 6.9 10.3

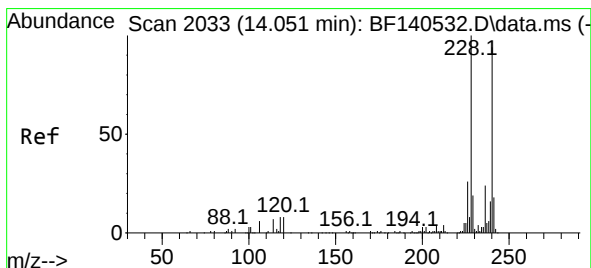
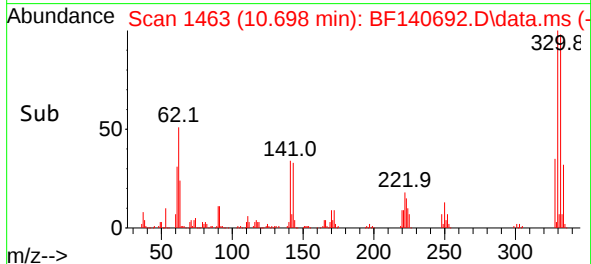
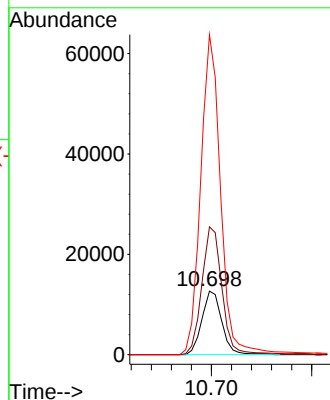
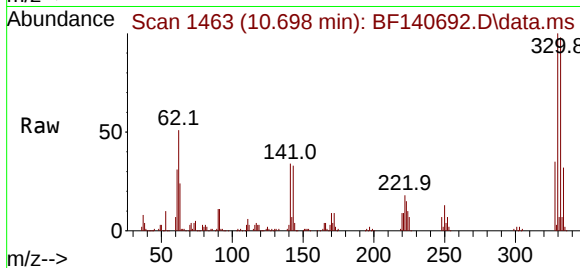




#67
4-Bromophenyl-phenylether
Concen: 5.288 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140692.D
Acq: 02 Dec 2024 16:47

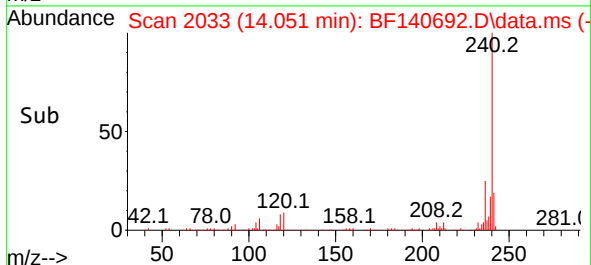
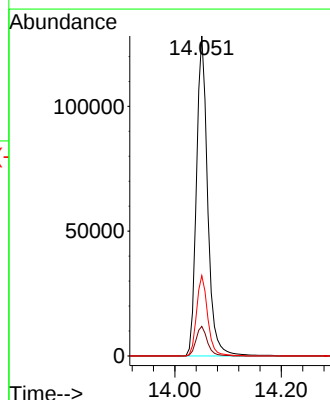
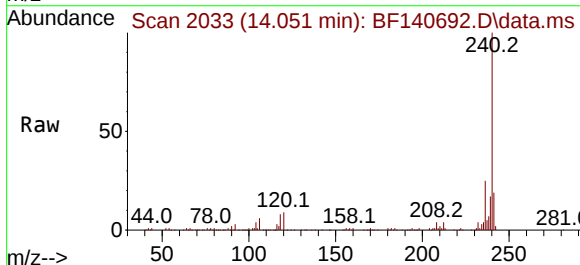
Instrument :
BNA_F
ClientSampleId :
MH-746-WC

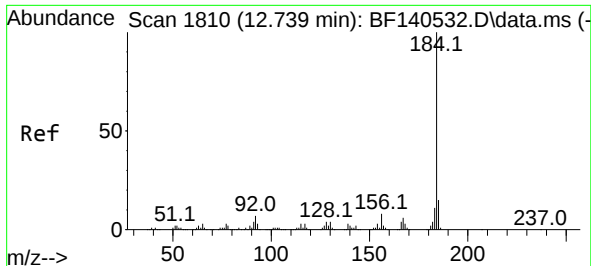
Tgt Ion:248 Resp: 17532
Ion Ratio Lower Upper
248 100
250 201.5 79.8 119.8#
141 504.2 64.7 97.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF140692.D
Acq: 02 Dec 2024 16:47

Tgt Ion:240 Resp: 187394
Ion Ratio Lower Upper
240 100
120 9.2 7.3 10.9
236 25.1 20.6 31.0

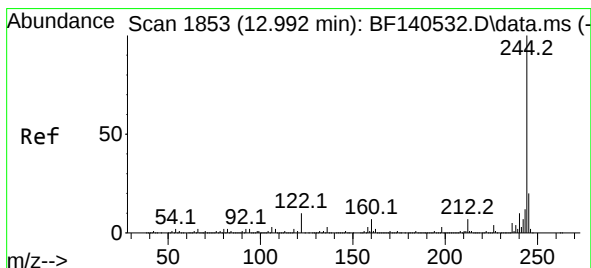
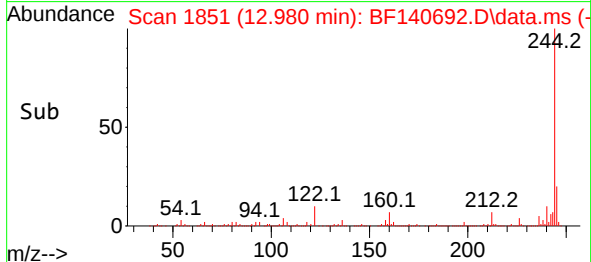
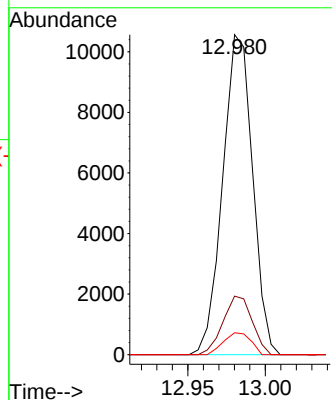
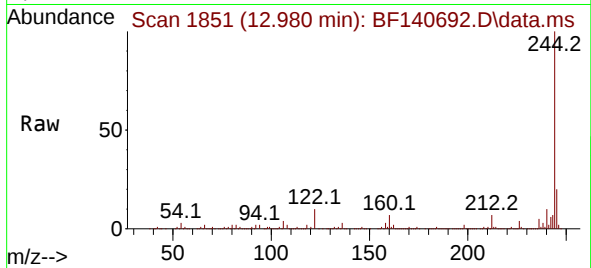




#77
Benzidine
Concen: 2.602 ng
RT: 12.980 min Scan# 1851
Delta R.T. 0.241 min
Lab File: BF140692.D
Acq: 02 Dec 2024 16:47

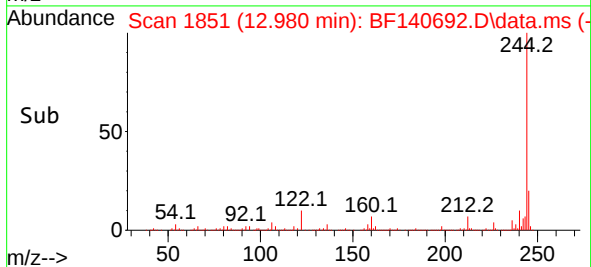
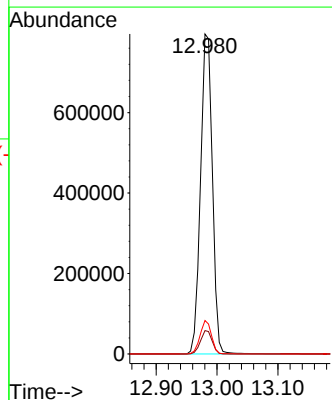
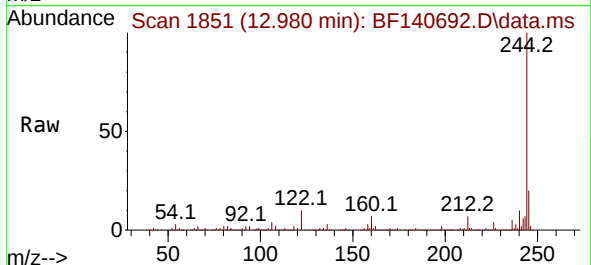
Instrument :
BNA_F
ClientSampleId :
MH-746-WC

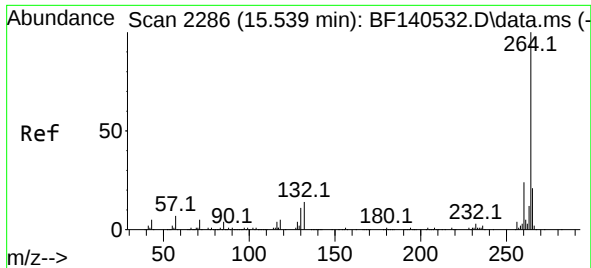
Tgt Ion:184 Resp: 14174
Ion Ratio Lower Upper
184 100
185 18.3 11.7 17.5#
183 6.9 8.8 13.2#



#79
Terphenyl-d14
Concen: 89.447 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF140692.D
Acq: 02 Dec 2024 16:47

Tgt Ion:244 Resp: 1076458
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 10.4 8.0 12.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.556 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BF140692.D
 Acq: 02 Dec 2024 16:47

Instrument :
 BNA_F
 ClientSampleId :
 MH-746-WC

Tgt Ion:264 Resp: 147072
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.6
 265 21.2 16.6 25.0

