

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120424\
 Data File : BF140736.D
 Acq On : 04 Dec 2024 19:31
 Operator : RC/JU
 Sample : P5072-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-738

Quant Time: Dec 05 00:06:49 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)

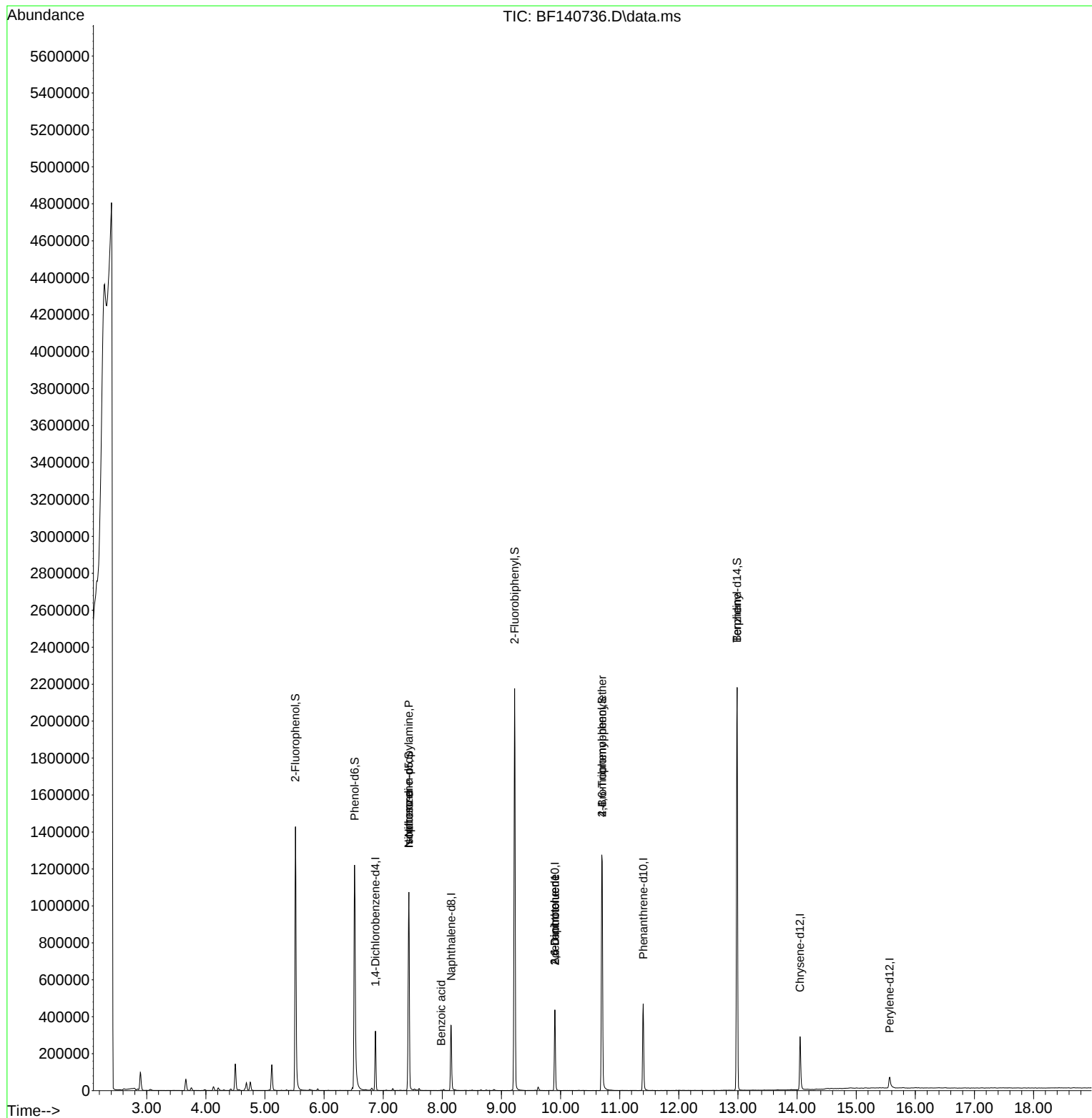
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	66429	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	249236	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	132557	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	275282	20.000	ng	0.00
76) Chrysene-d12	14.051	240	156646	20.000	ng	0.00
86) Perylene-d12	15.562	264	37706	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	570328	146.487	ng	0.02
7) Phenol-d6	6.516	99	688221	133.710	ng	0.00
23) Nitrobenzene-d5	7.434	82	509303	104.523	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	245677	173.292	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1004409	112.896	ng	-0.01
79) Terphenyl-d14	12.986	244	1113313	110.668	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	68881	22.644	ng	# 75
25) Isophorone	7.434	82	500554	61.590	ng	# 66
32) Benzoic acid	7.981	122	591	7.408	ng	# 12
51) 2,6-Dinitrotoluene	9.904	165	17251	8.713	ng	# 21
57) 2,4-Dinitrotoluene	9.904	165	17251	6.556	ng	# 18
67) 4-Bromophenyl-phenylether	10.704	248	14804	5.222	ng	# 1
77) Benzidine	12.986	184	14748	3.238	ng	# 94

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120424\
Data File : BF140736.D
Acq On : 04 Dec 2024 19:31
Operator : RC/JU
Sample : P5072-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-738

Quant Time: Dec 05 00:06:49 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

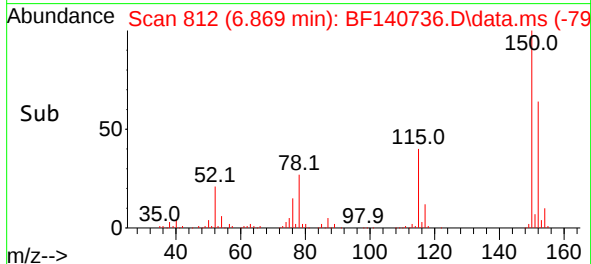
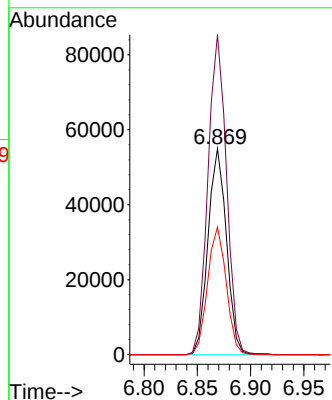
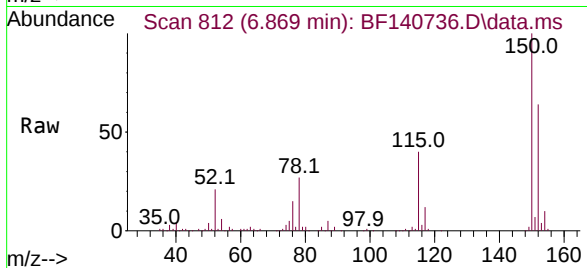




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140736.D
Acq: 04 Dec 2024 19:31

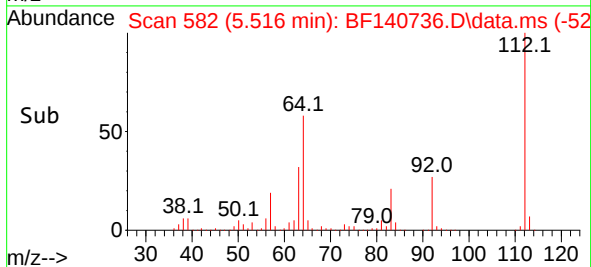
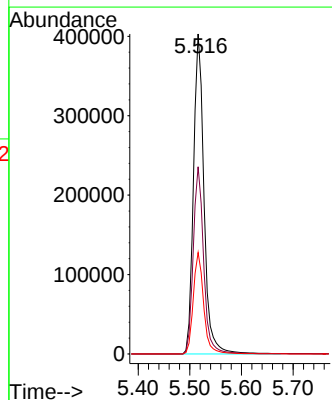
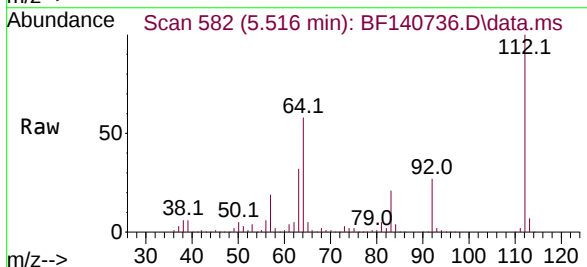
Instrument :
BNA_F
ClientSampleId :
MH-738

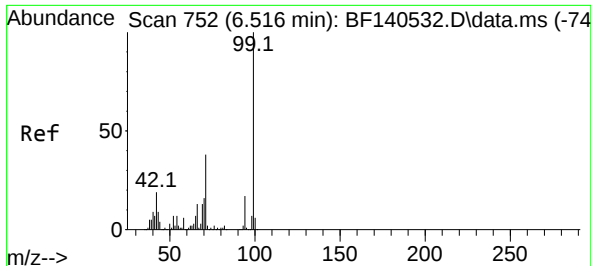
Tgt Ion:152 Resp: 66429
Ion Ratio Lower Upper
152 100
150 155.3 128.5 192.7
115 61.9 50.2 75.4



#5
2-Fluorophenol
Concen: 146.487 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140736.D
Acq: 04 Dec 2024 19:31

Tgt Ion:112 Resp: 570328
Ion Ratio Lower Upper
112 100
64 58.5 49.2 73.8
63 31.7 27.0 40.4





#7
Phenol-d6
Concen: 133.710 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF140736.D
Acq: 04 Dec 2024 19:31

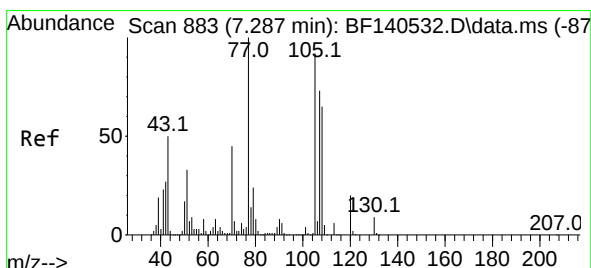
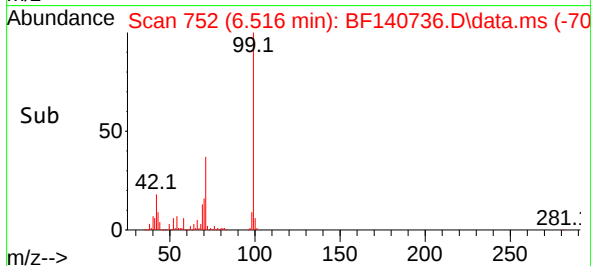
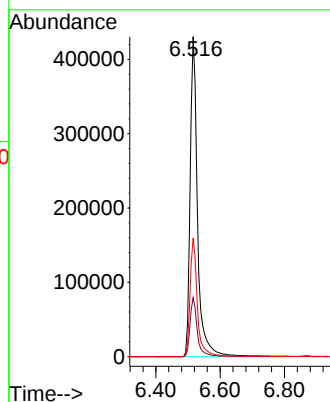
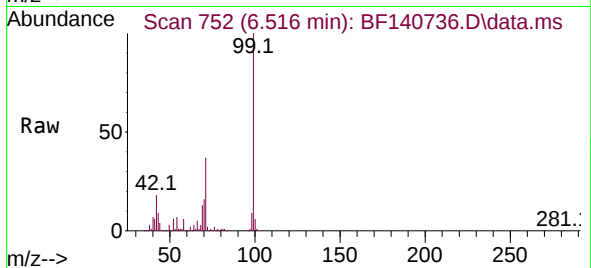
Instrument :

BNA_F

ClientSampleId :

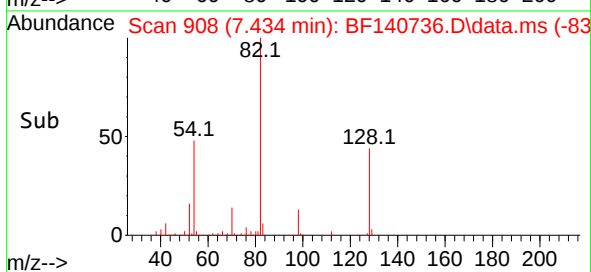
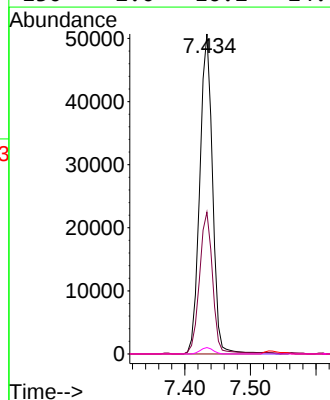
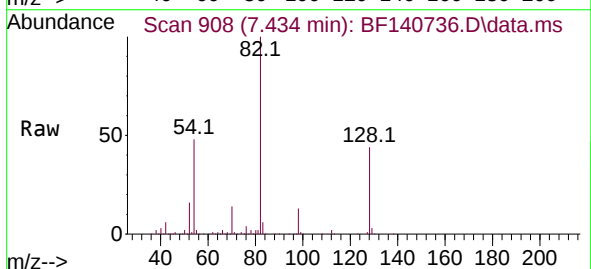
MH-738

Tgt Ion: 99 Resp: 688221
Ion Ratio Lower Upper
99 100
42 18.4 15.4 23.0
71 37.1 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 22.644 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF140736.D
Acq: 04 Dec 2024 19:31

Tgt Ion: 70 Resp: 68881
Ion Ratio Lower Upper
70 100
42 44.3 47.6 71.4#
101 0.0 7.6 11.4#
130 2.0 16.2 24.4#

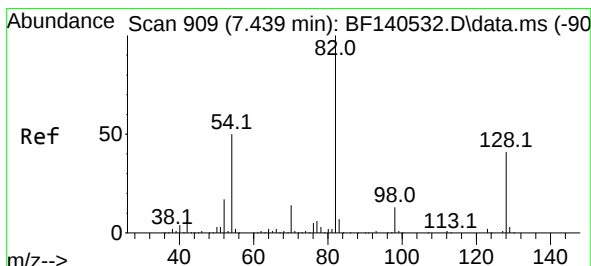
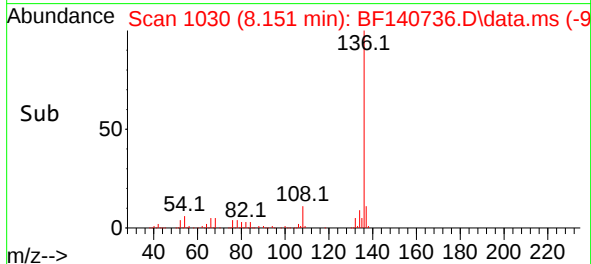
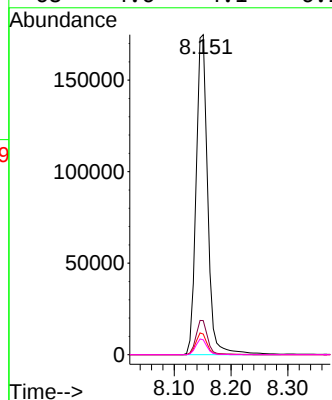
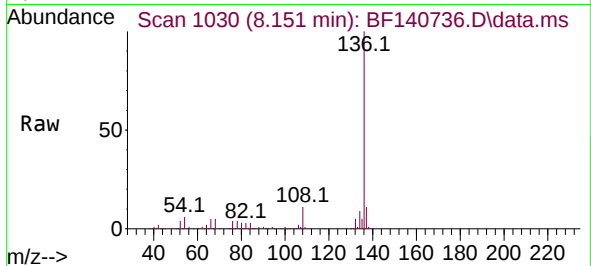




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140736.D
Acq: 04 Dec 2024 19:31

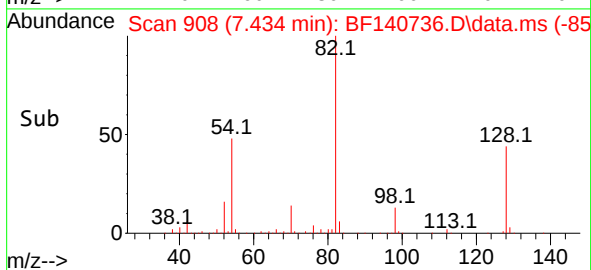
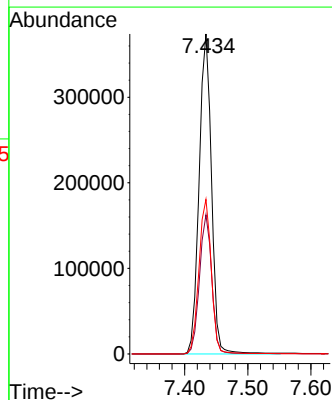
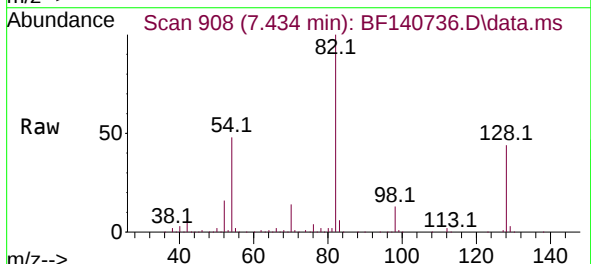
Instrument :
BNA_F
ClientSampleId :
MH-738

Tgt Ion:136	Resp: 249236
Ion Ratio	Lower Upper
136 100	
137 10.7	8.6 13.0
54 6.5	5.8 8.8
68 4.6	4.1 6.1



#23
Nitrobenzene-d5
Concen: 104.523 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140736.D
Acq: 04 Dec 2024 19:31

Tgt Ion: 82	Resp: 509303
Ion Ratio	Lower Upper
82 100	
128 43.5	33.0 49.4
54 48.3	39.5 59.3

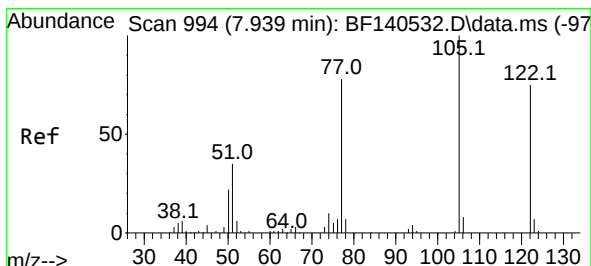
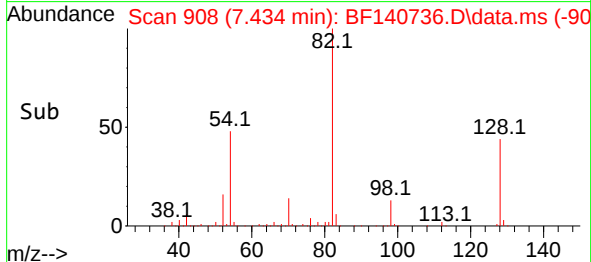
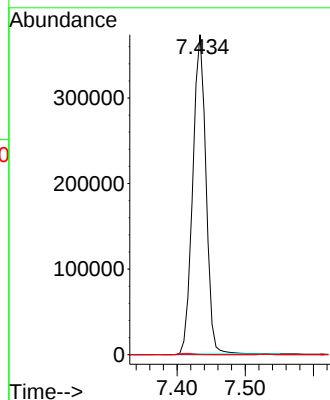
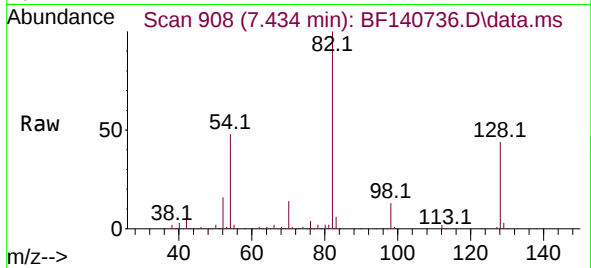




#25
Isophorone
Concen: 61.590 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140736.D
Acq: 04 Dec 2024 19:31

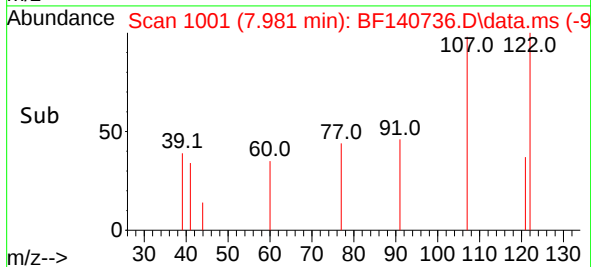
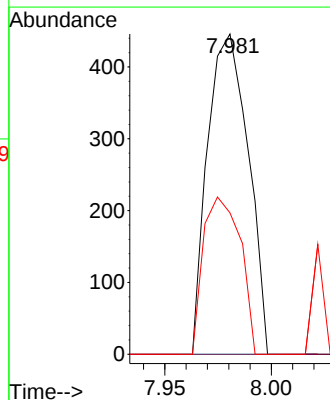
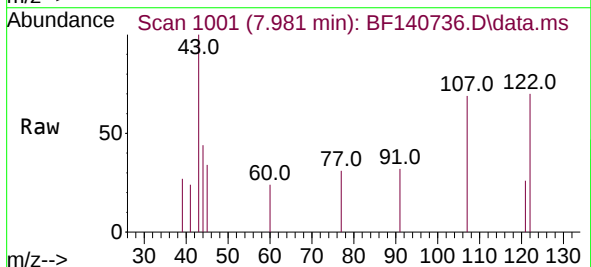
Instrument :
BNA_F
ClientSampleId :
MH-738

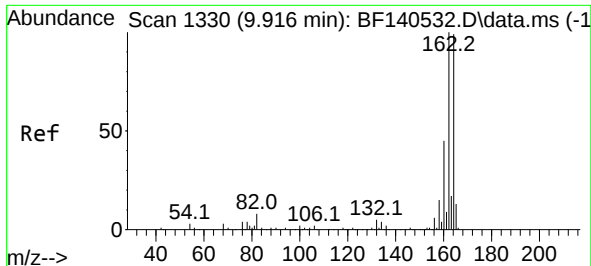
Tgt Ion: 82 Resp: 500554
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.1 13.8 20.6#



#32
Benzoic acid
Concen: 7.408 ng
RT: 7.981 min Scan# 1001
Delta R.T. 0.042 min
Lab File: BF140736.D
Acq: 04 Dec 2024 19:31

Tgt Ion:122 Resp: 591
Ion Ratio Lower Upper
122 100
105 0.0 109.3 149.3#
77 44.2 82.3 122.3#

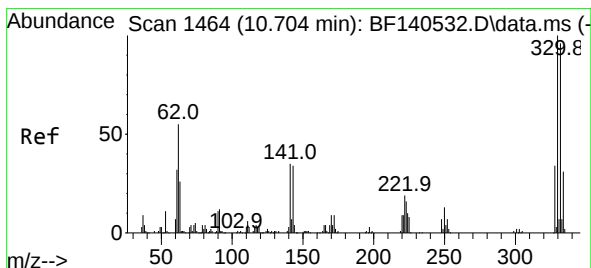
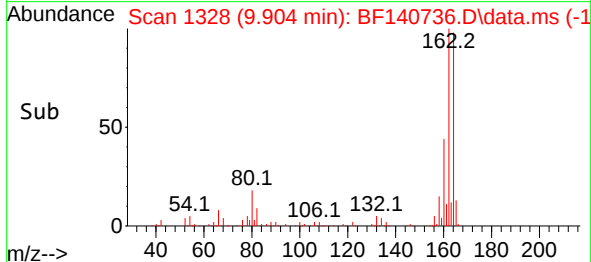
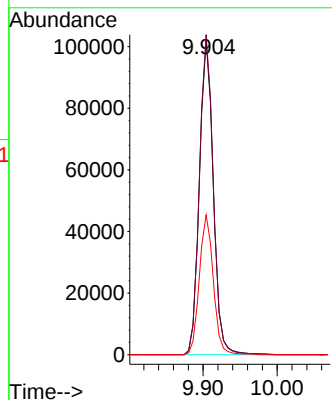
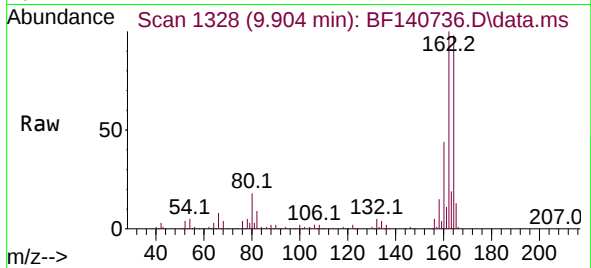




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140736.D
Acq: 04 Dec 2024 19:31

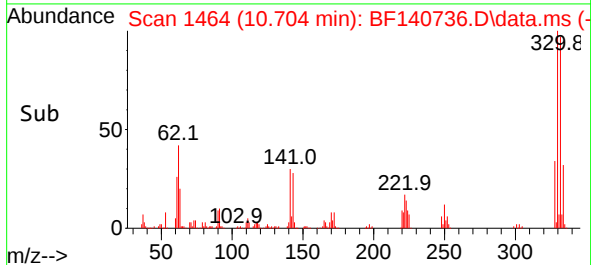
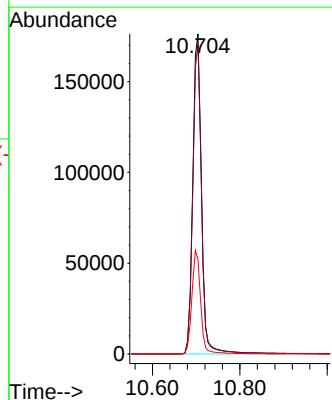
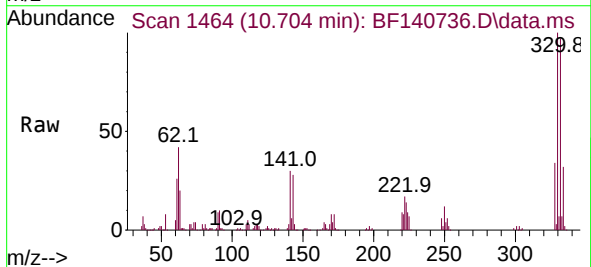
Instrument :
BNA_F
ClientSampleId :
MH-738

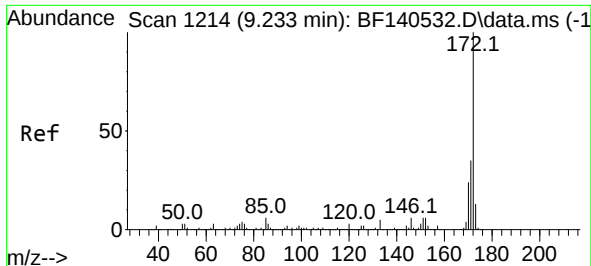
Tgt Ion:164 Resp: 132557
Ion Ratio Lower Upper
164 100
162 101.9 80.6 120.8
160 44.5 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 173.292 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF140736.D
Acq: 04 Dec 2024 19:31

Tgt Ion:330 Resp: 245677
Ion Ratio Lower Upper
330 100
332 96.1 76.9 115.3
141 32.7 26.7 40.1

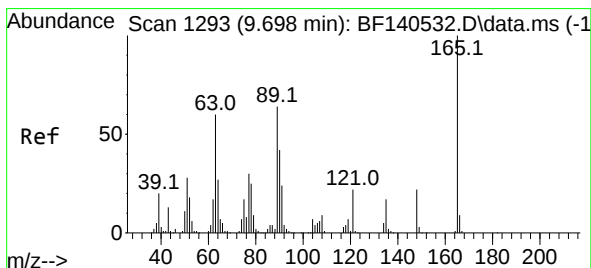
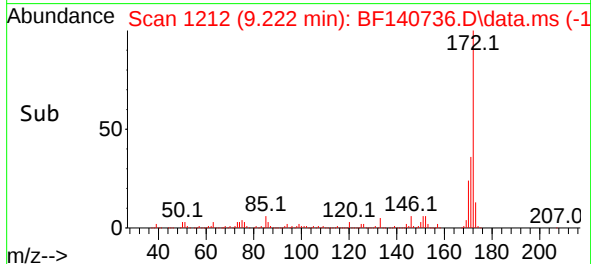
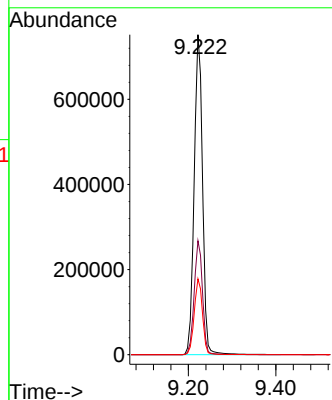
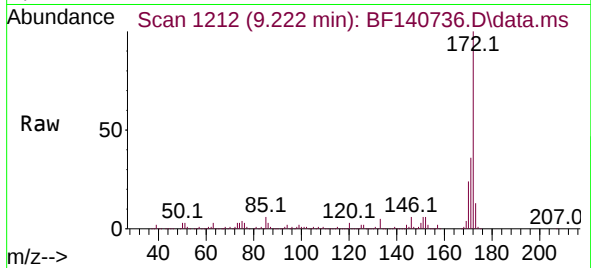




#45
2-Fluorobiphenyl
Concen: 112.896 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140736.D
Acq: 04 Dec 2024 19:31

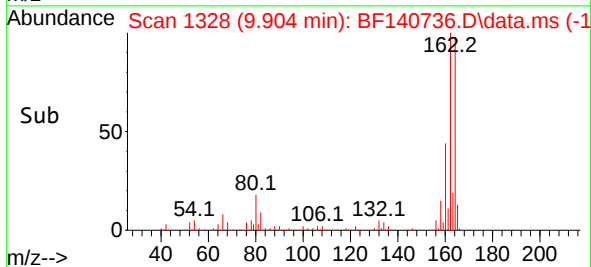
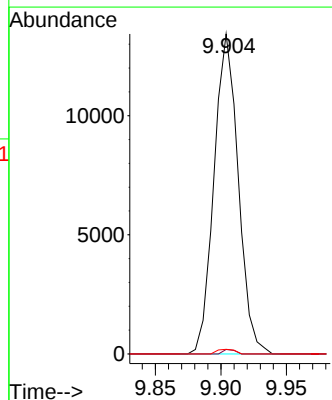
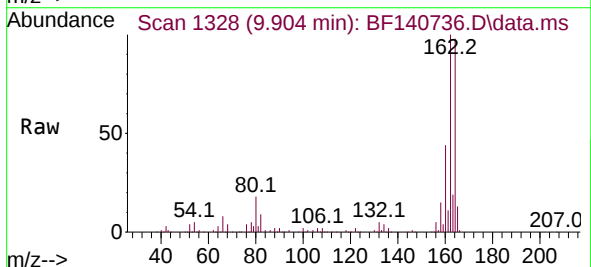
Instrument :
BNA_F
ClientSampleId :
MH-738

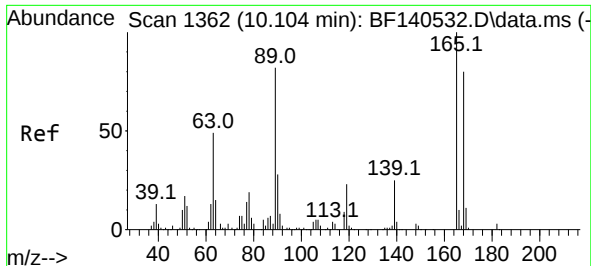
Tgt Ion:172 Resp: 1004409
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 23.7 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 8.713 ng
RT: 9.904 min Scan# 1328
Delta R.T. 0.206 min
Lab File: BF140736.D
Acq: 04 Dec 2024 19:31

Tgt Ion:165 Resp: 17251
Ion Ratio Lower Upper
165 100
63 1.4 49.9 74.9#
89 1.5 50.9 76.3#

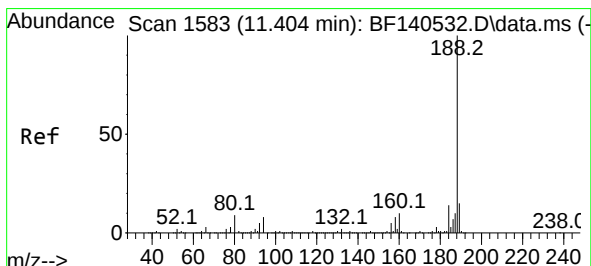
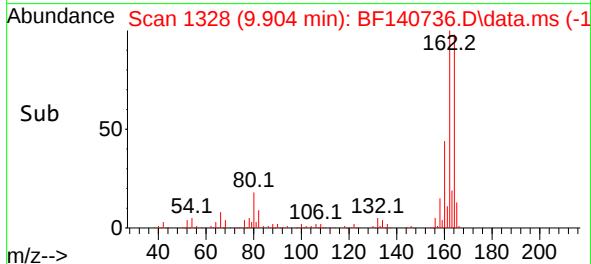
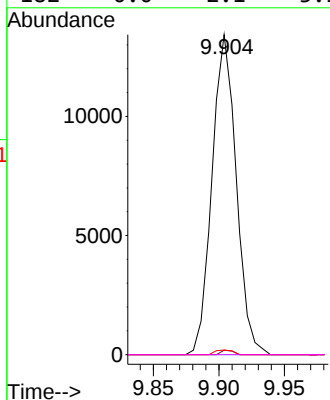
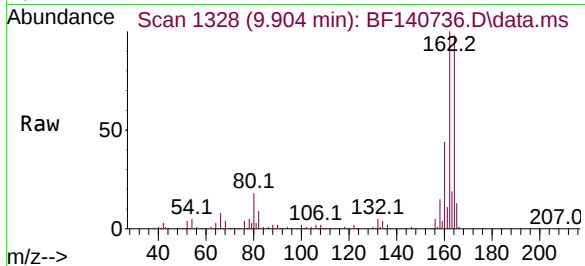




#57
2,4-Dinitrotoluene
Concen: 6.556 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF140736.D
Acq: 04 Dec 2024 19:31

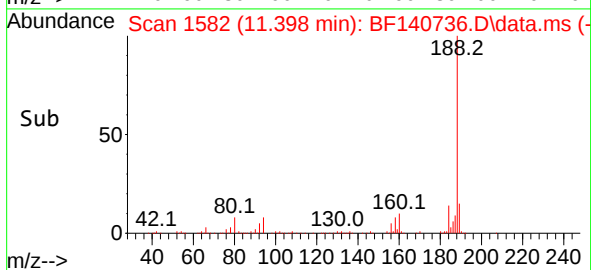
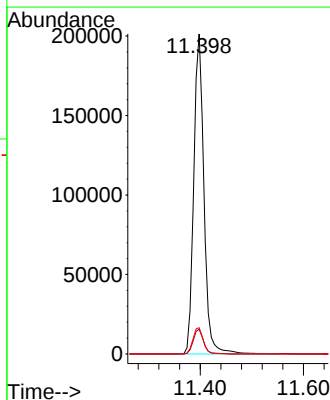
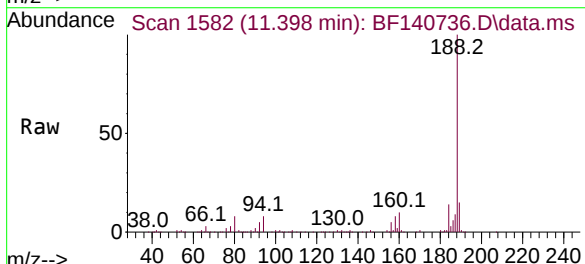
Instrument :
BNA_F
ClientSampleId :
MH-738

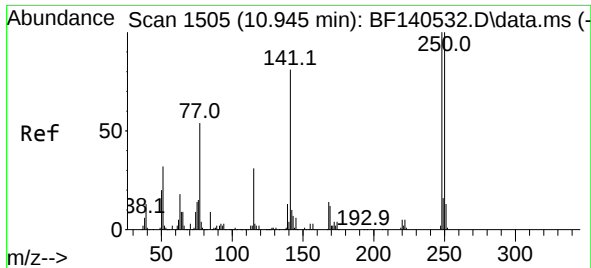
Tgt Ion:165	Resp:	17251
Ion Ratio	Lower	Upper
165	100	
63	1.4	41.7 62.5#
89	1.5	65.8 98.8#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140736.D
Acq: 04 Dec 2024 19:31

Tgt Ion:188	Resp:	275282
Ion Ratio	Lower	Upper
188	100	
94	7.7	6.4 9.6
80	8.2	6.9 10.3

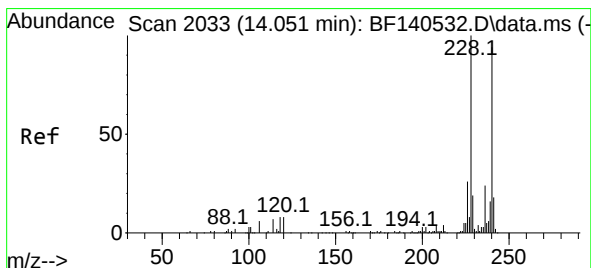
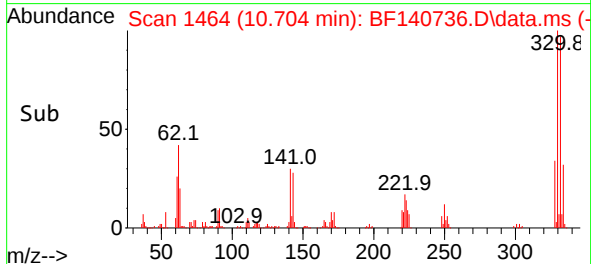
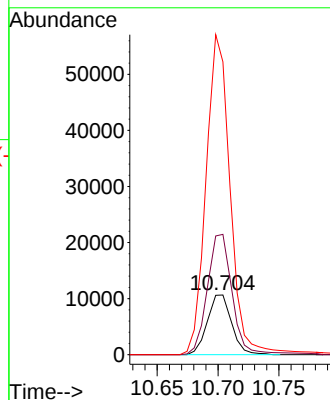
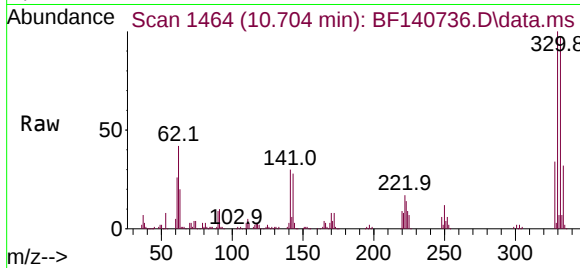




#67
4-Bromophenyl-phenylether
Concen: 5.222 ng
RT: 10.704 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF140736.D
Acq: 04 Dec 2024 19:31

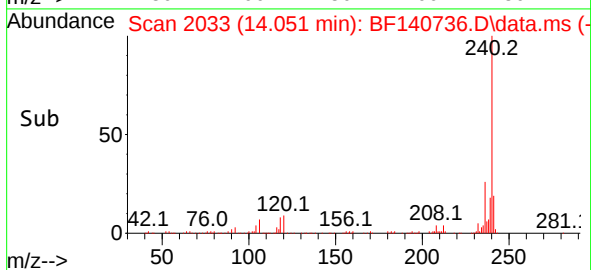
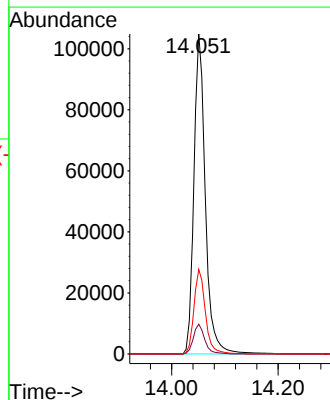
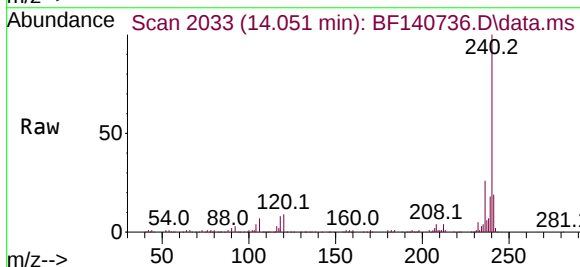
Instrument :
BNA_F
ClientSampleId :
MH-738

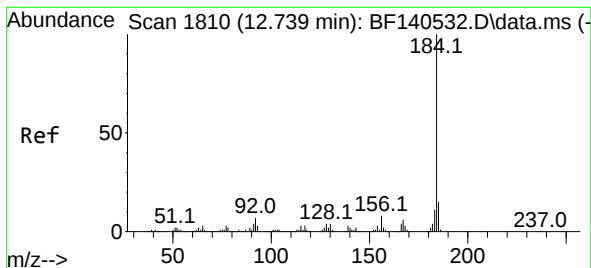
Tgt Ion:248 Resp: 14804
Ion Ratio Lower Upper
248 100
250 201.5 79.8 119.8#
141 490.2 64.7 97.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF140736.D
Acq: 04 Dec 2024 19:31

Tgt Ion:240 Resp: 156646
Ion Ratio Lower Upper
240 100
120 9.3 7.3 10.9
236 26.4 20.6 31.0





#77

Benzidine

Concen: 3.238 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.247 min

Lab File: BF140736.D

Acq: 04 Dec 2024 19:31

Instrument :

BNA_F

ClientSampleId :

MH-738

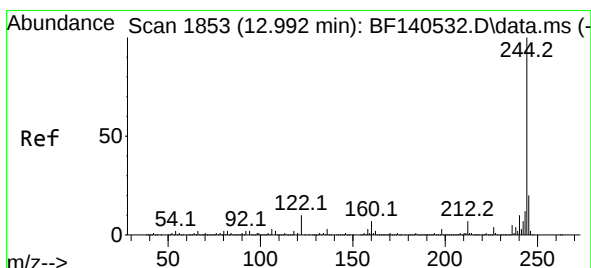
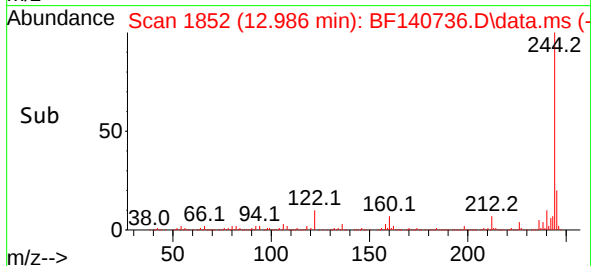
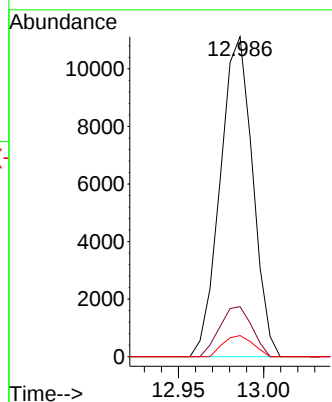
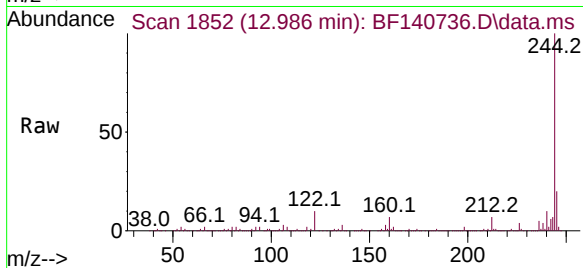
Tgt Ion:184 Resp: 14748

Ion Ratio Lower Upper

184 100

185 15.7 11.7 17.5

183 6.6 8.8 13.2#



#79

Terphenyl-d14

Concen: 110.668 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BF140736.D

Acq: 04 Dec 2024 19:31

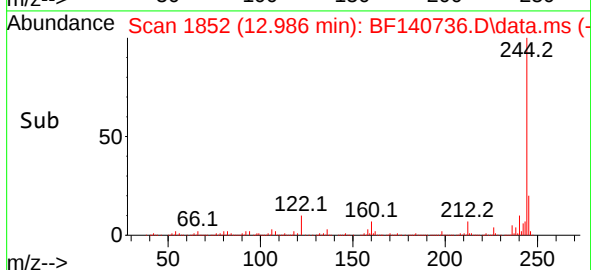
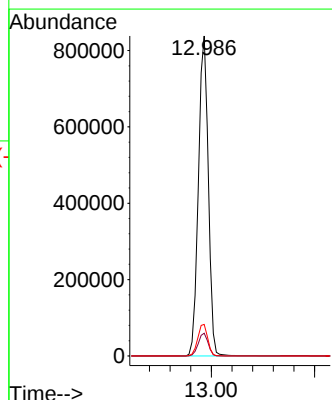
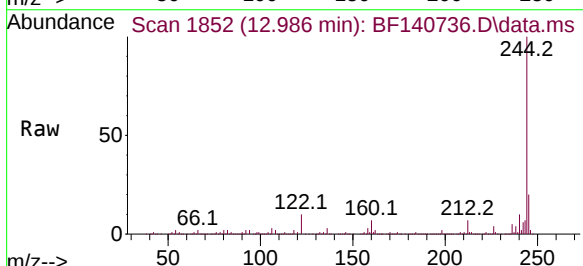
Tgt Ion:244 Resp: 1113313

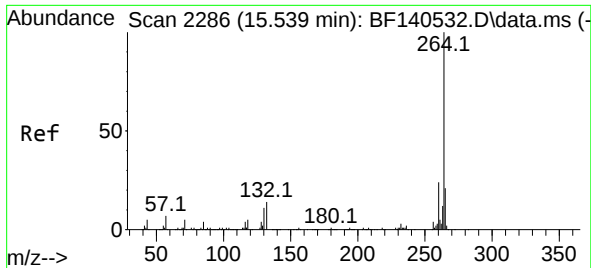
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 9.8 8.0 12.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.562 min Scan# 21
 Delta R.T. 0.024 min
 Lab File: BF140736.D
 Acq: 04 Dec 2024 19:31

Instrument :
 BNA_F
 ClientSampleId :
 MH-738

Tgt Ion:264 Resp: 37706
 Ion Ratio Lower Upper
 264 100
 260 27.8 19.0 28.6
 265 20.6 16.6 25.0

