

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120424\
 Data File : BF140735.D
 Acq On : 04 Dec 2024 19:04
 Operator : RC/JU
 Sample : P5072-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-737

Quant Time: Dec 05 00:06:36 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)

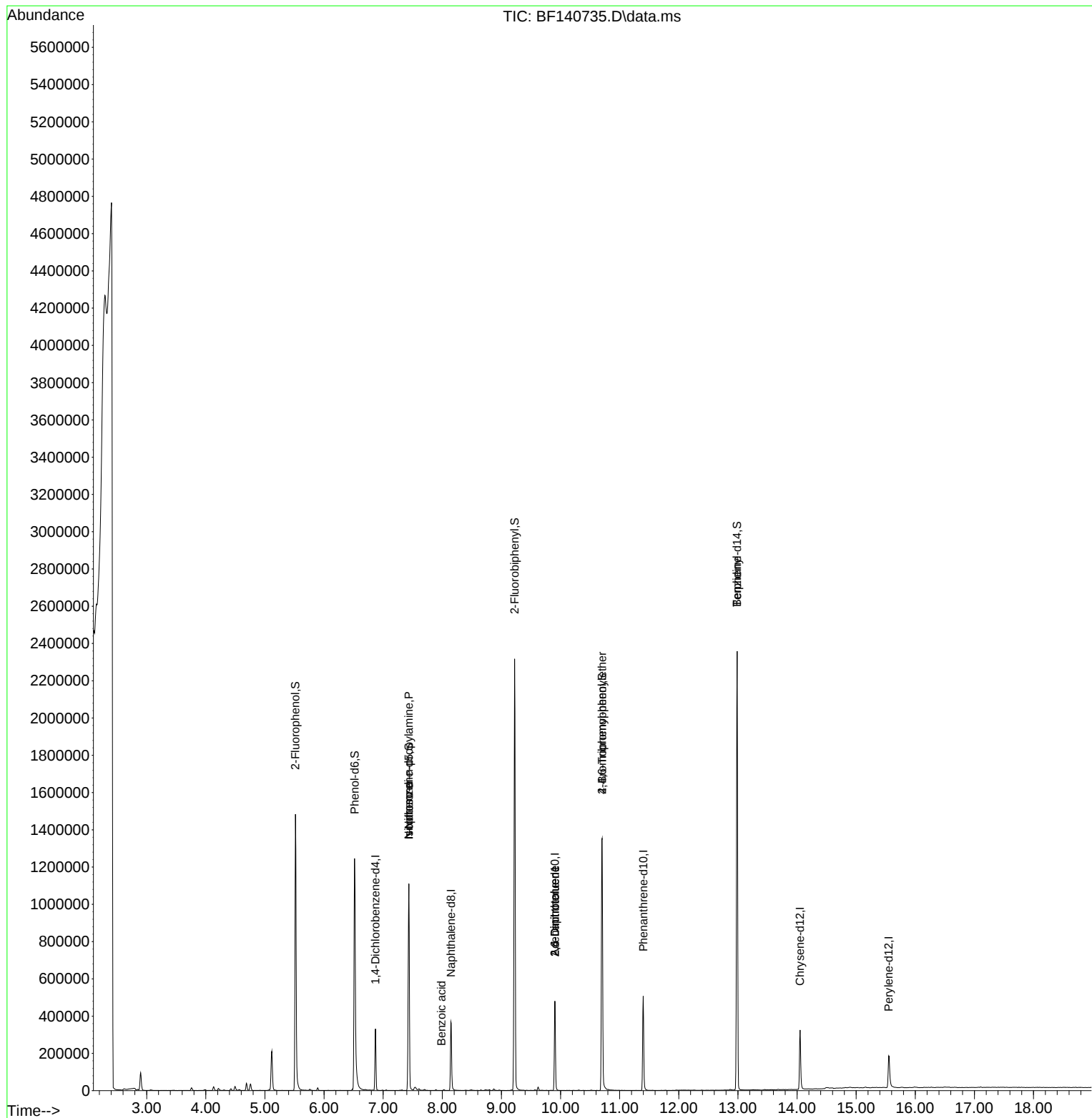
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	68577	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	258164	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	146405	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	288193	20.000	ng	0.00
76) Chrysene-d12	14.051	240	174281	20.000	ng	0.00
86) Perylene-d12	15.551	264	128836	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	594438	147.897	ng	0.02
7) Phenol-d6	6.516	99	723032	136.073	ng	0.00
23) Nitrobenzene-d5	7.434	82	533245	105.652	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	263158	168.065	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1068041	108.693	ng	-0.01
79) Terphenyl-d14	12.986	244	1188095	106.151	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.434	70	71032	22.619	ng	# 77
25) Isophorone	7.434	82	533241	63.343	ng	# 66
32) Benzoic acid	7.987	122	484	7.363	ng	# 23
51) 2,6-Dinitrotoluene	9.904	165	18558	8.486	ng	# 21
57) 2,4-Dinitrotoluene	9.904	165	18558	6.385	ng	# 18
67) 4-Bromophenyl-phenylether	10.704	248	16108	5.427	ng	# 1
77) Benzidine	12.986	184	16054	3.168	ng	# 93

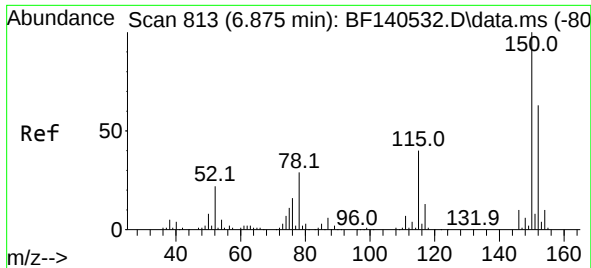
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120424\
Data File : BF140735.D
Acq On : 04 Dec 2024 19:04
Operator : RC/JU
Sample : P5072-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-737

Quant Time: Dec 05 00:06:36 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

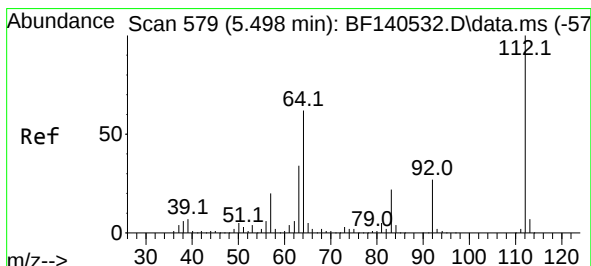
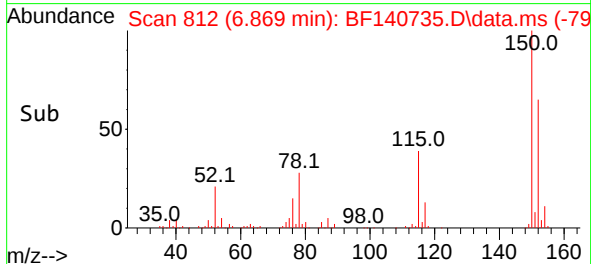
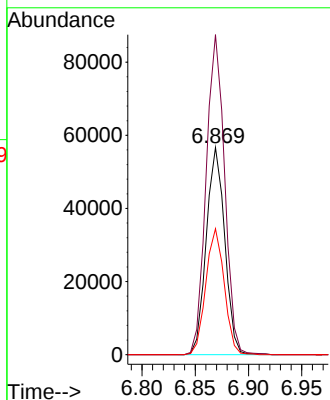
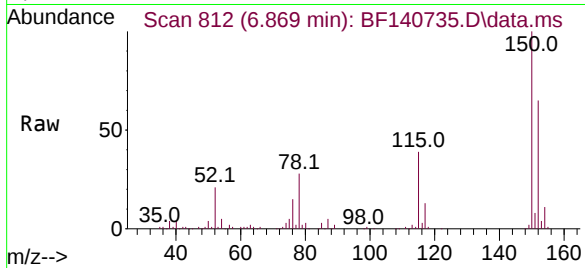




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140735.D
Acq: 04 Dec 2024 19:04

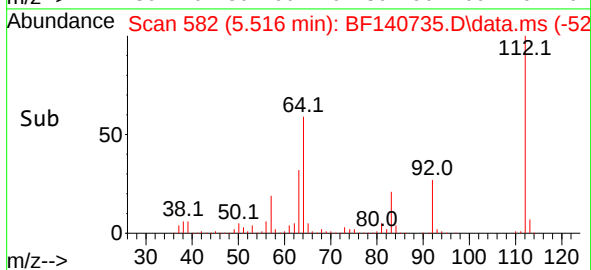
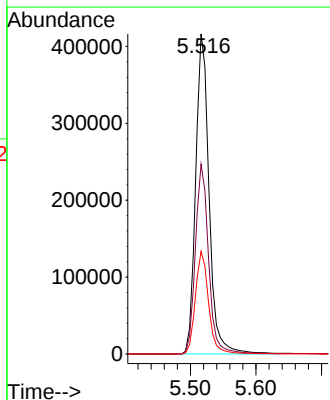
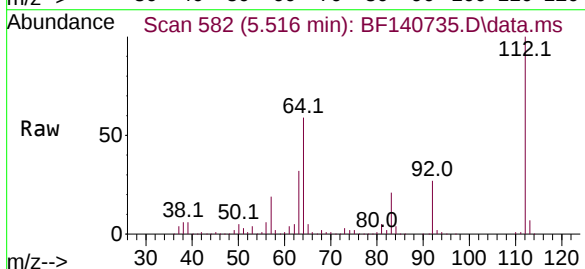
Instrument :
BNA_F
ClientSampleId :
MH-737

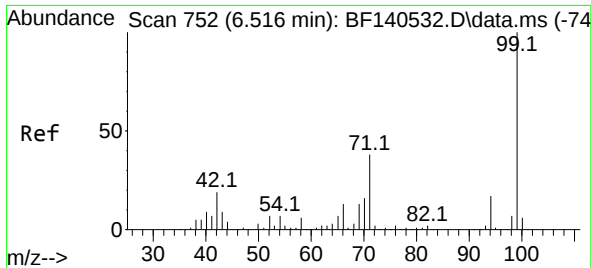
Tgt Ion:152 Resp: 68577
Ion Ratio Lower Upper
152 100
150 154.5 128.5 192.7
115 60.8 50.2 75.4



#5
2-Fluorophenol
Concen: 147.897 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140735.D
Acq: 04 Dec 2024 19:04

Tgt Ion:112 Resp: 594438
Ion Ratio Lower Upper
112 100
64 59.3 49.2 73.8
63 32.1 27.0 40.4

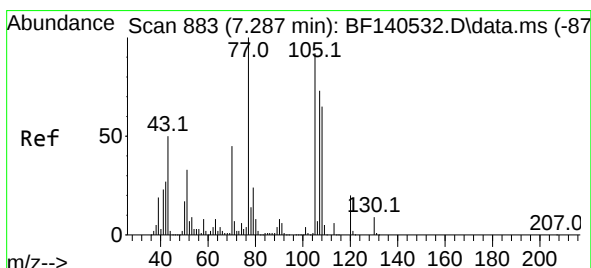
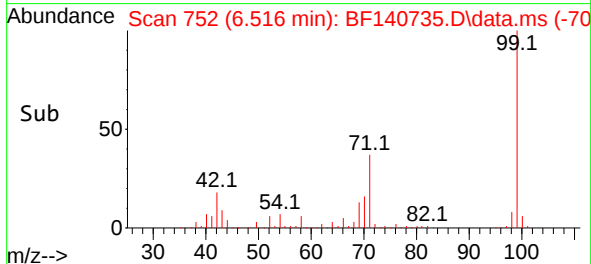
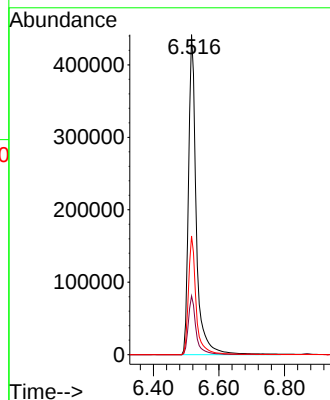
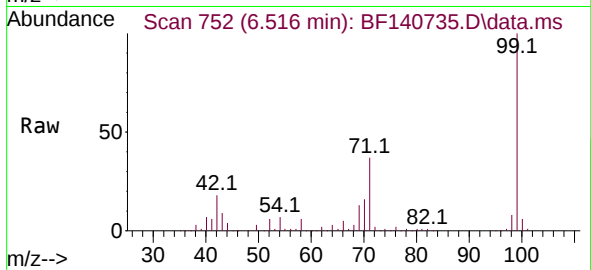




#7
Phenol-d6
Concen: 136.073 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140735.D
Acq: 04 Dec 2024 19:04

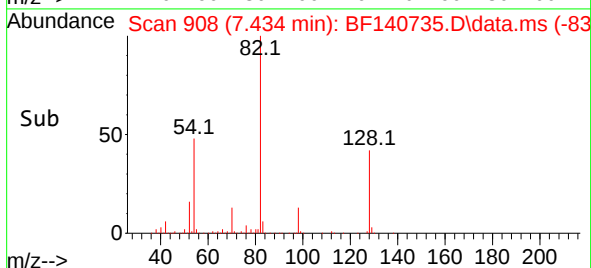
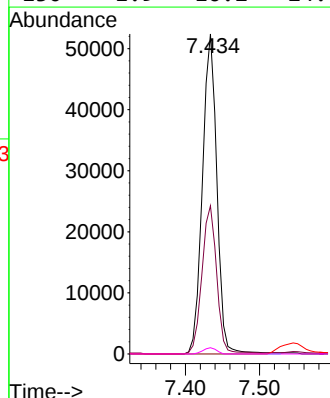
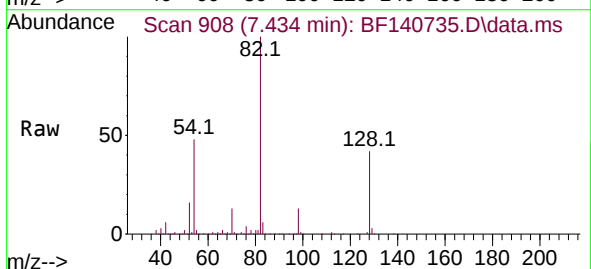
Instrument :
BNA_F
ClientSampleId :
MH-737

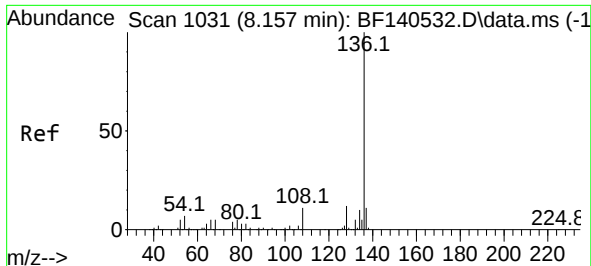
Tgt Ion: 99 Resp: 723032
Ion Ratio Lower Upper
99 100
42 18.4 15.4 23.0
71 37.1 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 22.619 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF140735.D
Acq: 04 Dec 2024 19:04

Tgt Ion: 70 Resp: 71032
Ion Ratio Lower Upper
70 100
42 46.3 47.6 71.4#
101 0.0 7.6 11.4#
130 1.9 16.2 24.4#

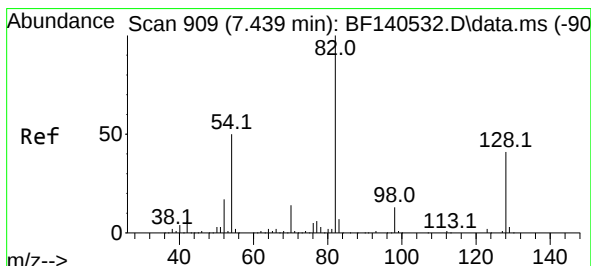
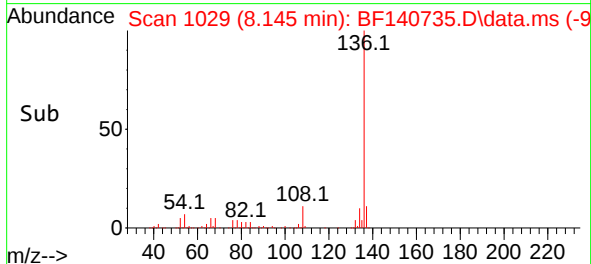
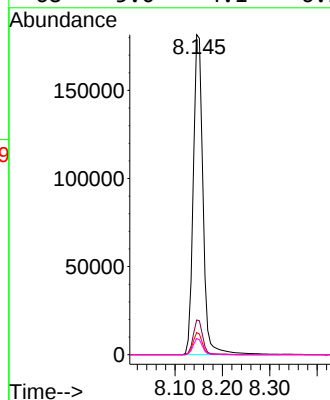
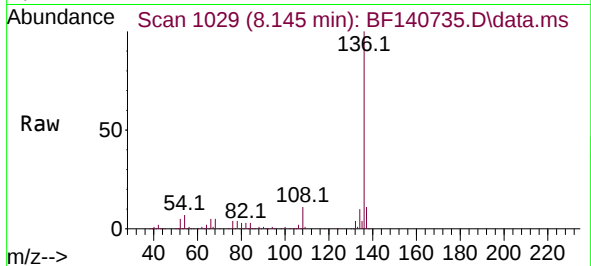




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1031
Delta R.T. -0.012 min
Lab File: BF140735.D
Acq: 04 Dec 2024 19:04

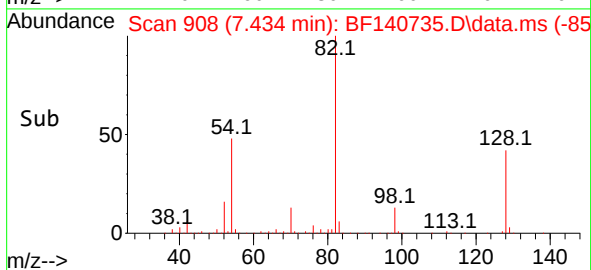
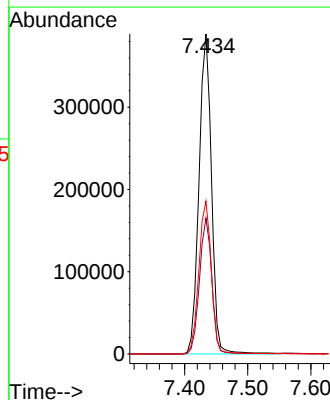
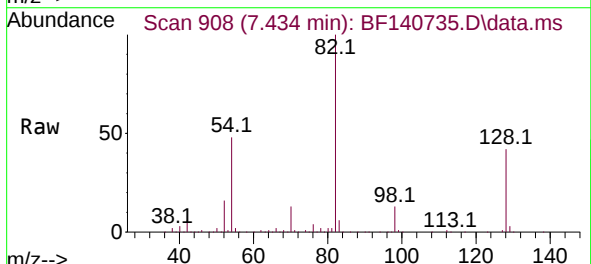
Instrument :
BNA_F
ClientSampleId :
MH-737

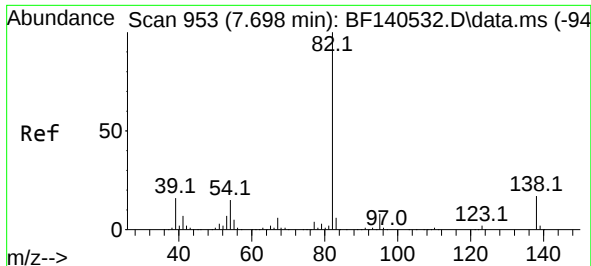
Tgt Ion:136	Resp: 258164
Ion Ratio	Lower Upper
136 100	
137 10.9	8.6 13.0
54 6.9	5.8 8.8
68 5.0	4.1 6.1



#23
Nitrobenzene-d5
Concen: 105.652 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140735.D
Acq: 04 Dec 2024 19:04

Tgt Ion: 82	Resp: 533245
Ion Ratio	Lower Upper
82 100	
128 42.4	33.0 49.4
54 47.8	39.5 59.3

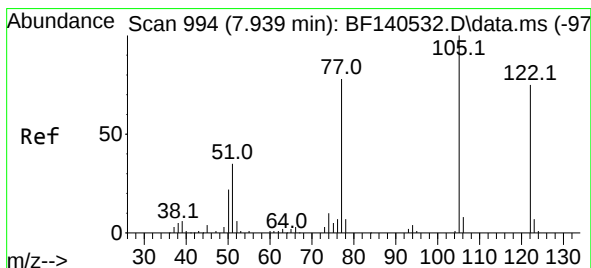
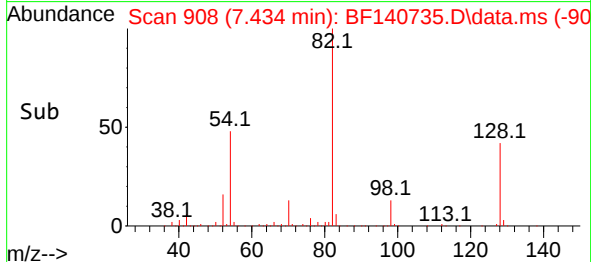
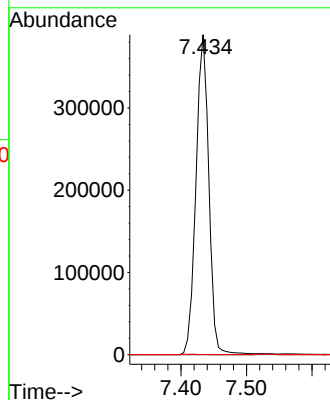
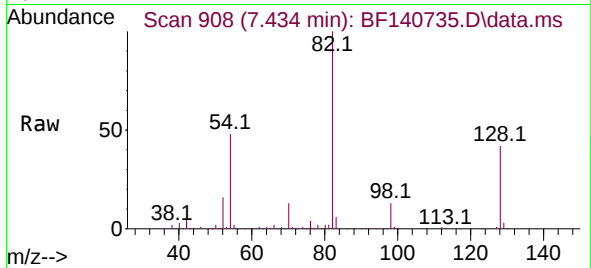




#25
Isophorone
Concen: 63.343 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140735.D
Acq: 04 Dec 2024 19:04

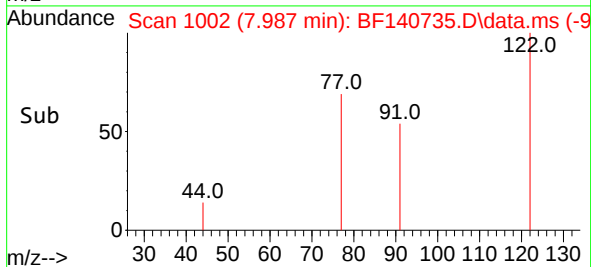
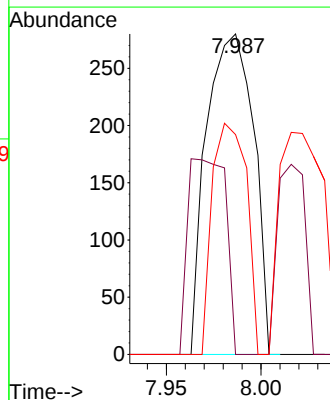
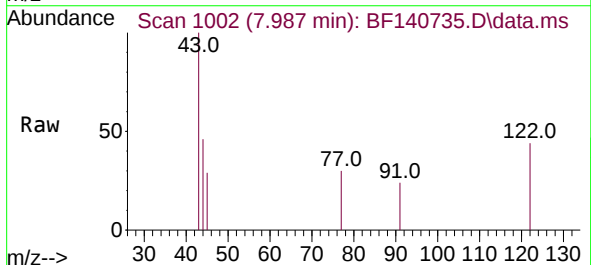
Instrument :
BNA_F
ClientSampleId :
MH-737

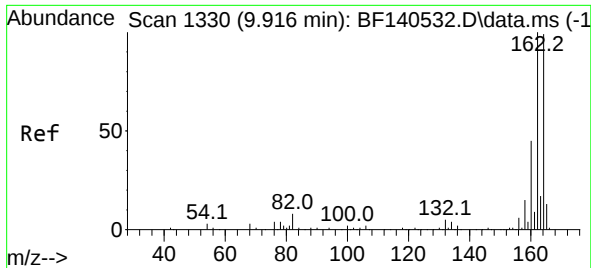
Tgt Ion: 82 Resp: 533241
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#32
Benzoic acid
Concen: 7.363 ng
RT: 7.987 min Scan# 1002
Delta R.T. 0.048 min
Lab File: BF140735.D
Acq: 04 Dec 2024 19:04

Tgt Ion: 122 Resp: 484
Ion Ratio Lower Upper
122 100
105 0.0 109.3 149.3#
77 68.6 82.3 122.3#

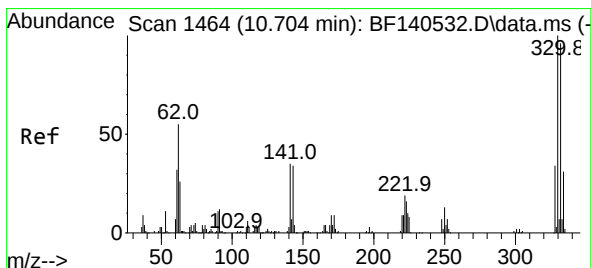
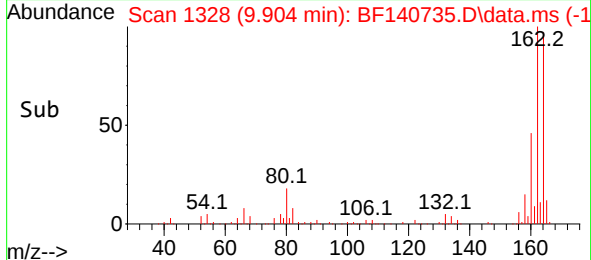
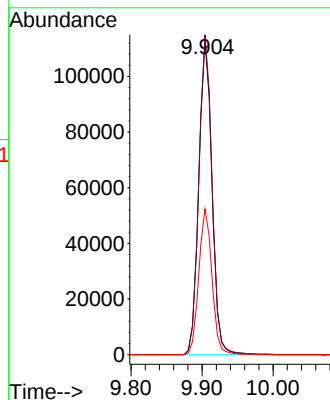
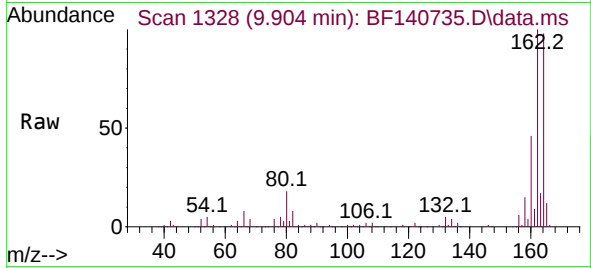




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF140735.D
Acq: 04 Dec 2024 19:04

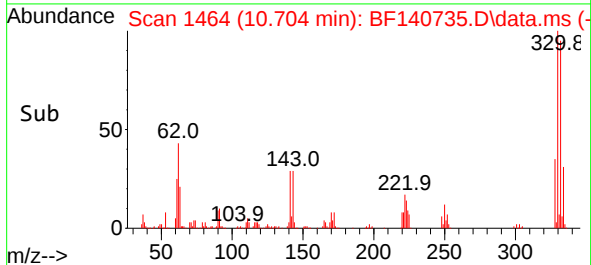
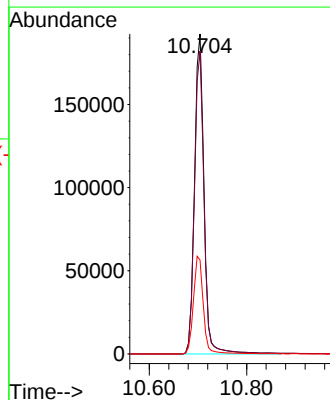
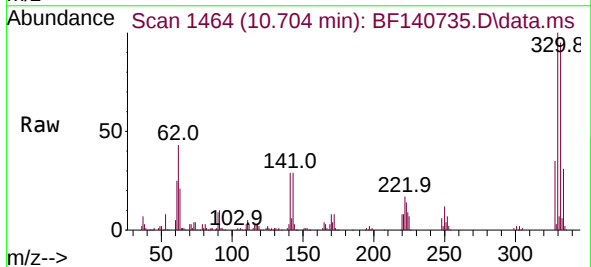
Instrument :
BNA_F
ClientSampleId :
MH-737

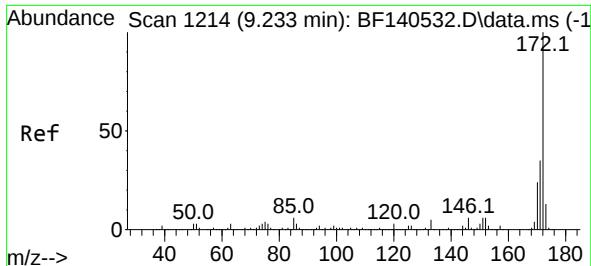
Tgt Ion:164 Resp: 146405
Ion Ratio Lower Upper
164 100
162 102.0 80.6 120.8
160 46.5 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 168.065 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF140735.D
Acq: 04 Dec 2024 19:04

Tgt Ion:330 Resp: 263158
Ion Ratio Lower Upper
330 100
332 95.0 76.9 115.3
141 31.7 26.7 40.1





#45

2-Fluorobiphenyl

Concen: 108.693 ng

RT: 9.222 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF140735.D

Acq: 04 Dec 2024 19:04

Instrument :

BNA_F

ClientSampleId :

MH-737

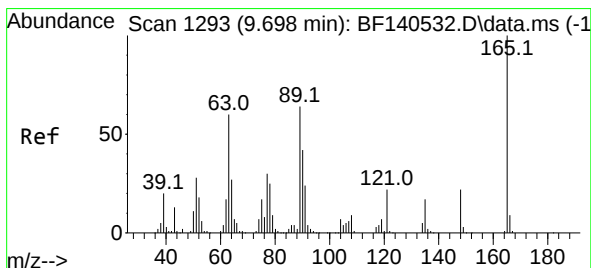
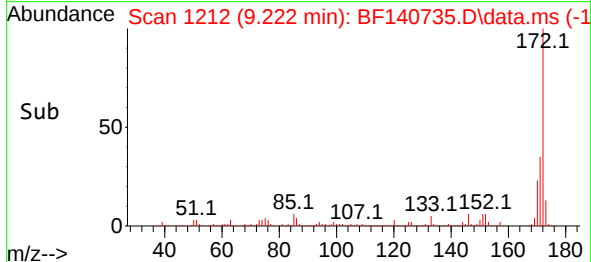
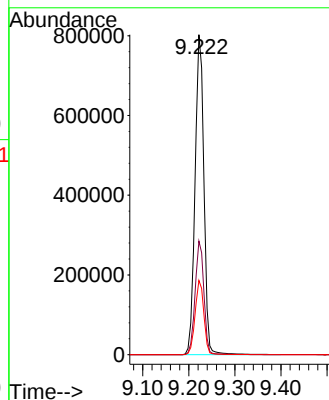
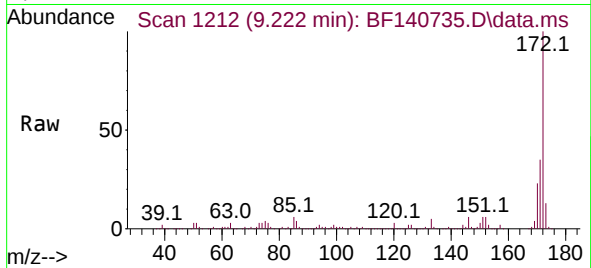
Tgt Ion:172 Resp: 1068041

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.2 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 8.486 ng

RT: 9.904 min Scan# 1328

Delta R.T. 0.206 min

Lab File: BF140735.D

Acq: 04 Dec 2024 19:04

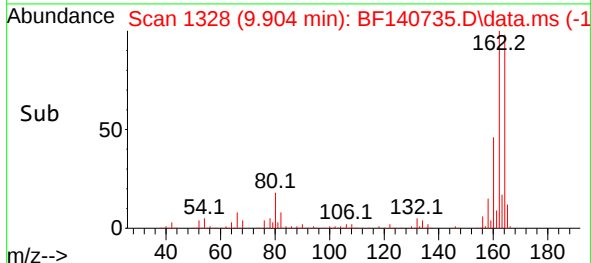
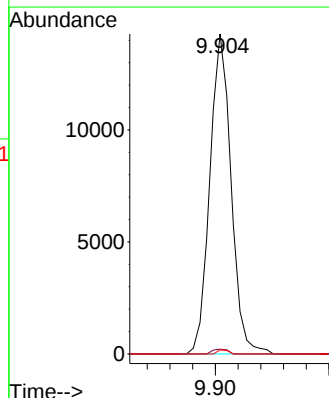
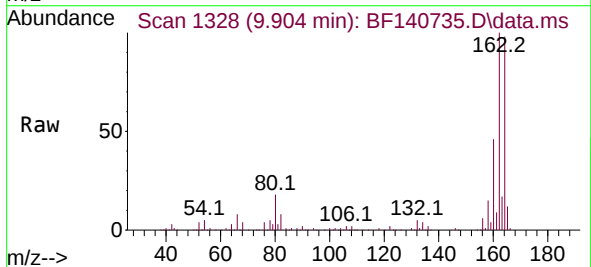
Tgt Ion:165 Resp: 18558

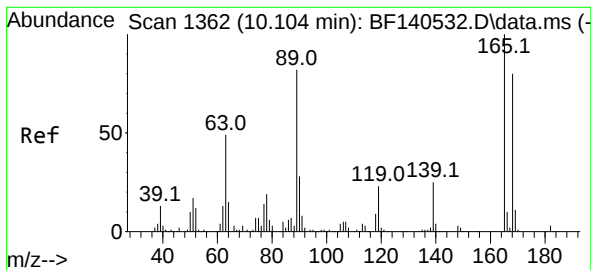
Ion Ratio Lower Upper

165 100

63 1.5 49.9 74.9#

89 1.3 50.9 76.3#

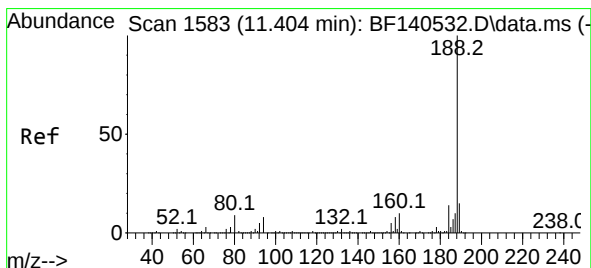
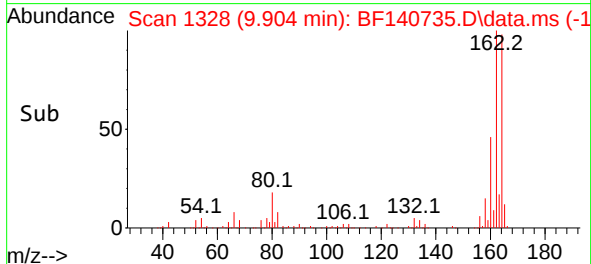
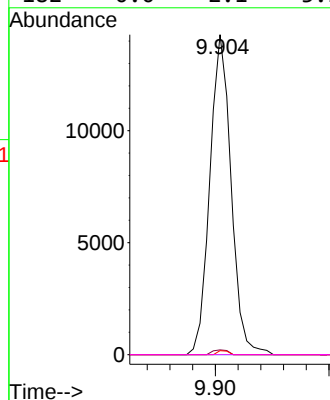
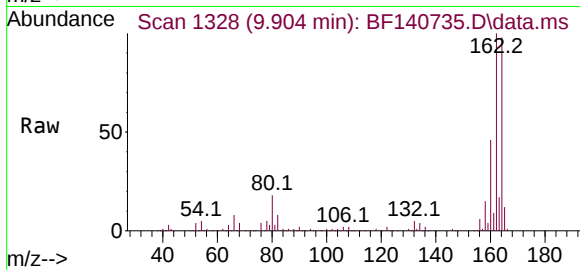




#57
2,4-Dinitrotoluene
Concen: 6.385 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF140735.D
Acq: 04 Dec 2024 19:04

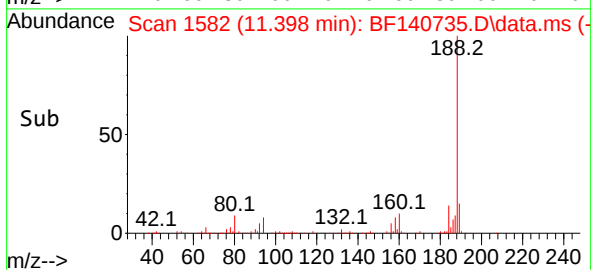
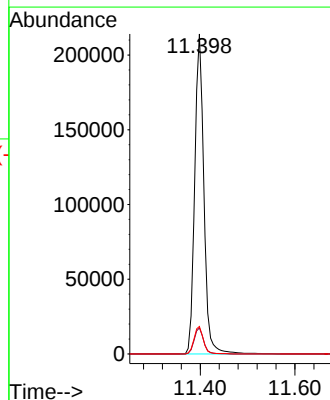
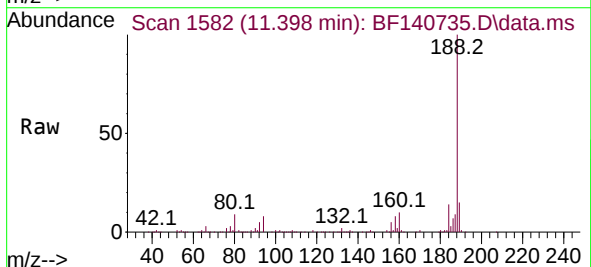
Instrument :
BNA_F
ClientSampleId :
MH-737

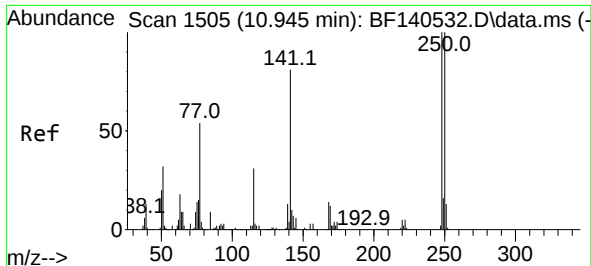
Tgt Ion:	165	Resp:	18558
Ion Ratio	Lower	Upper	
165	100		
63	1.5	41.7	62.5#
89	1.3	65.8	98.8#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140735.D
Acq: 04 Dec 2024 19:04

Tgt Ion:	188	Resp:	288193
Ion Ratio	Lower	Upper	
188	100		
94	8.1	6.4	9.6
80	8.6	6.9	10.3

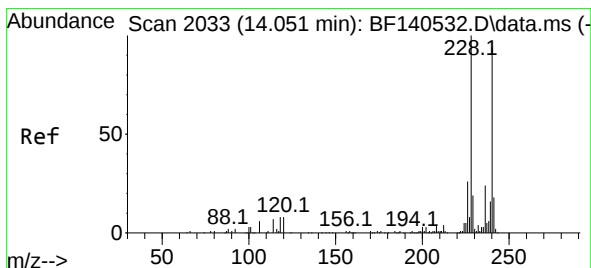
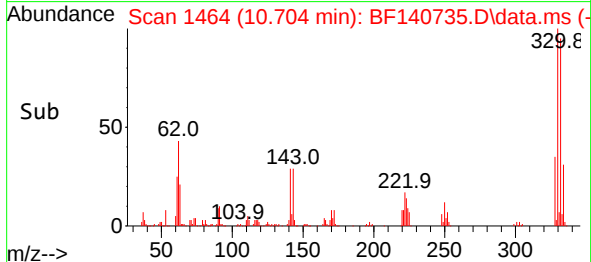
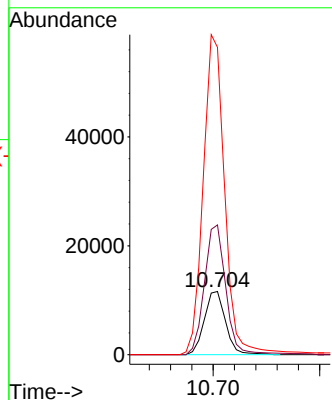
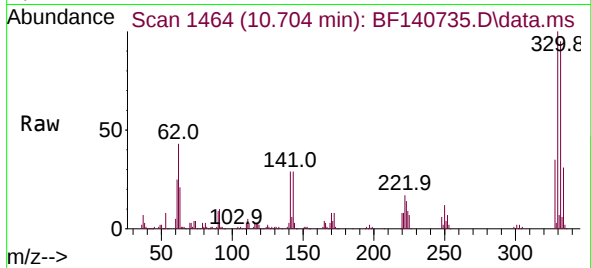




#67
4-Bromophenyl-phenylether
Concen: 5.427 ng
RT: 10.704 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF140735.D
Acq: 04 Dec 2024 19:04

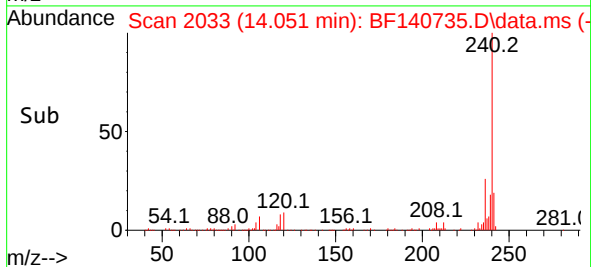
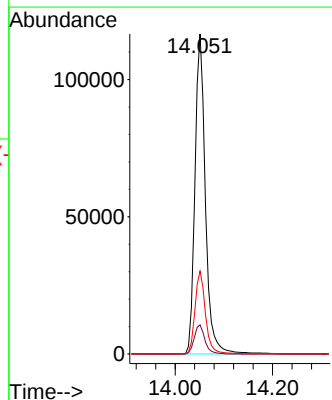
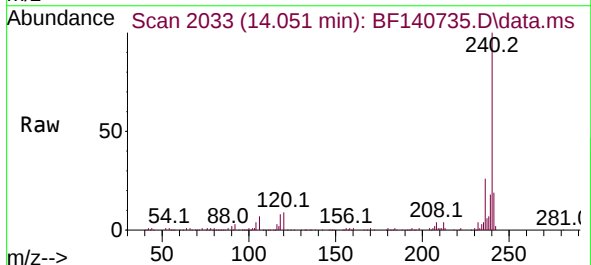
Instrument :
BNA_F
ClientSampleId :
MH-737

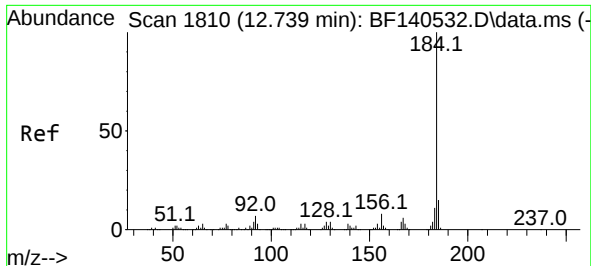
Tgt Ion:248 Resp: 16108
Ion Ratio Lower Upper
248 100
250 205.6 79.8 119.8#
141 486.8 64.7 97.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140735.D
Acq: 04 Dec 2024 19:04

Tgt Ion:240 Resp: 174281
Ion Ratio Lower Upper
240 100
120 9.1 7.3 10.9
236 25.9 20.6 31.0

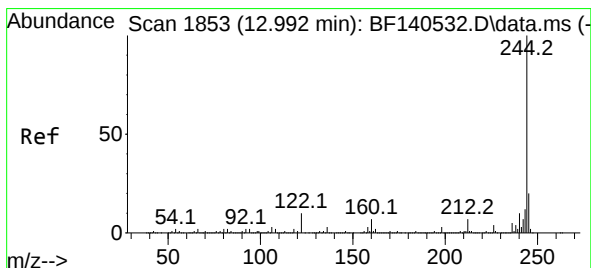
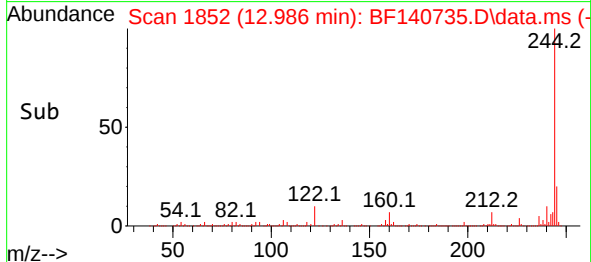
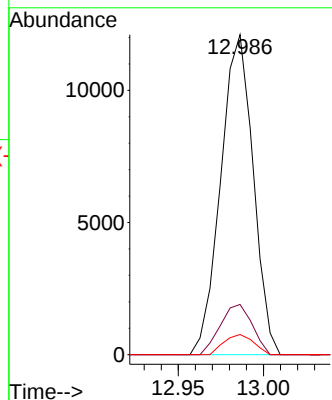
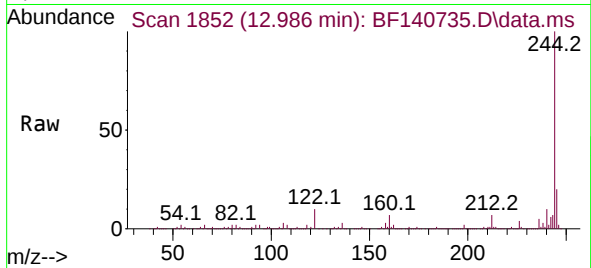




#77
Benzidine
Concen: 3.168 ng
RT: 12.986 min Scan# 1852
Delta R.T. 0.247 min
Lab File: BF140735.D
Acq: 04 Dec 2024 19:04

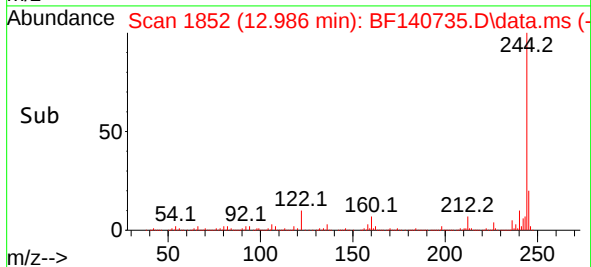
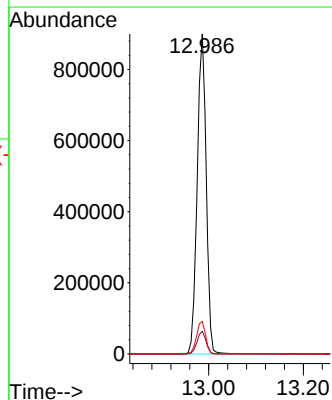
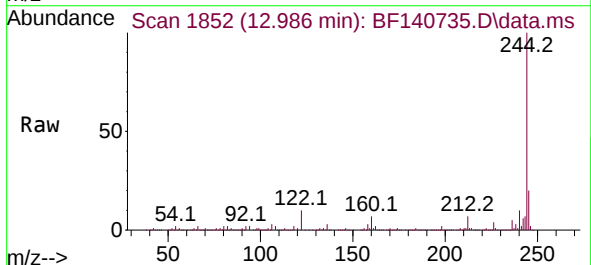
Instrument :
BNA_F
ClientSampleId :
MH-737

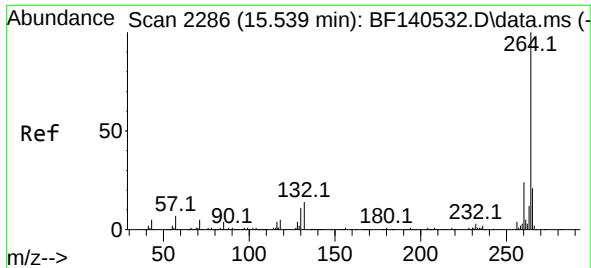
Tgt Ion:184 Resp: 16054
Ion Ratio Lower Upper
184 100
185 15.7 11.7 17.5
183 6.3 8.8 13.2#



#79
Terphenyl-d14
Concen: 106.151 ng
RT: 12.986 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF140735.D
Acq: 04 Dec 2024 19:04

Tgt Ion:244 Resp: 1188095
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.8
122 10.2 8.0 12.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF140735.D
Acq: 04 Dec 2024 19:04

Instrument :
BNA_F
ClientSampleId :
MH-737

Tgt Ion:264 Resp: 128836
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.6
265 21.4 16.6 25.0

