

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112224\
 Data File : BF140570.D
 Acq On : 22 Nov 2024 12:02
 Operator : RC/JU
 Sample : P4893-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-763

Quant Time: Nov 22 12:25:12 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)

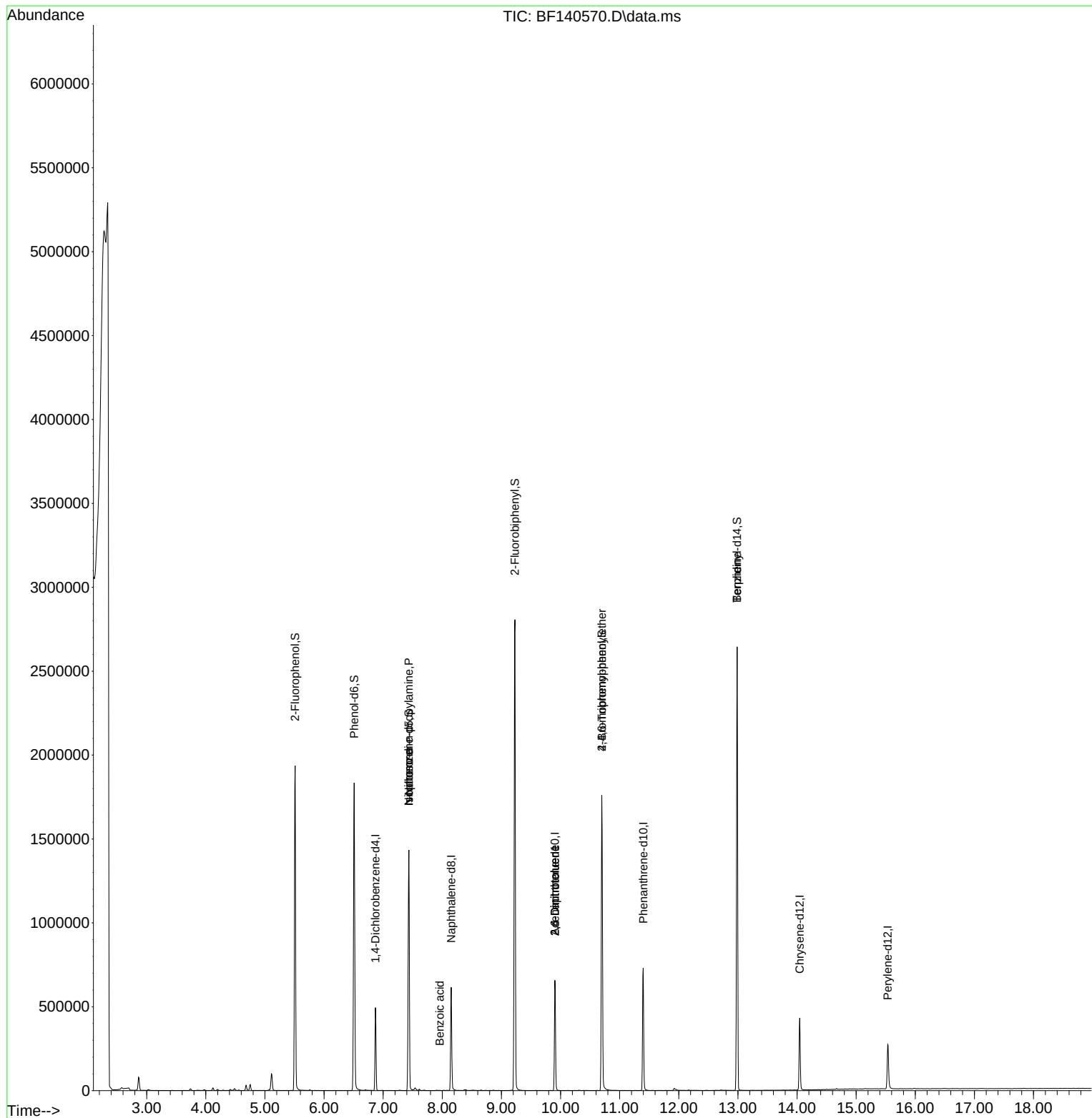
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	102636	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	398992	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	202924	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	413703	20.000	ng	0.00
76) Chrysene-d12	14.045	240	216323	20.000	ng	0.00
86) Perylene-d12	15.533	264	177928	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	741349	123.241	ng	0.01
7) Phenol-d6	6.510	99	910334	114.471	ng	0.00
23) Nitrobenzene-d5	7.434	82	685010	87.817	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	319187	147.071	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1317272	96.719	ng	0.00
79) Terphenyl-d14	12.986	244	1303289	93.813	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	91508	19.470	ng	# 75
25) Isophorone	7.434	82	675592	51.927	ng	# 66
32) Benzoic acid	7.957	122	322	7.266	ng	# 73
51) 2,6-Dinitrotoluene	9.904	165	26032	8.589	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	26032	6.462	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	20570	4.828	ng	# 1
77) Benzidine	12.986	184	17838	2.836	ng	# 93

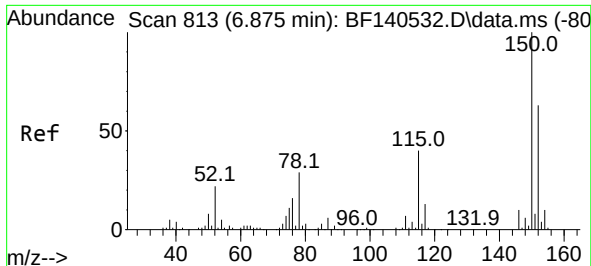
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112224\
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Quant Time: Nov 22 12:25:12 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

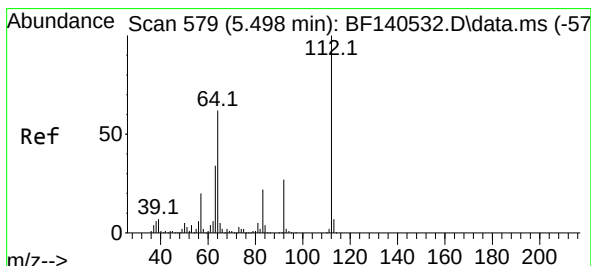
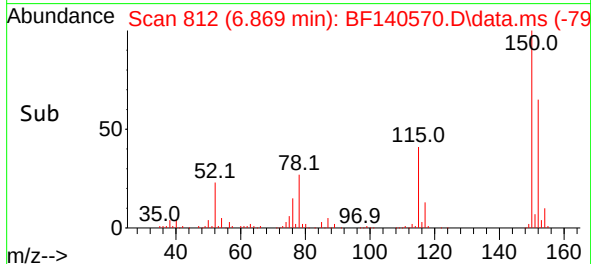
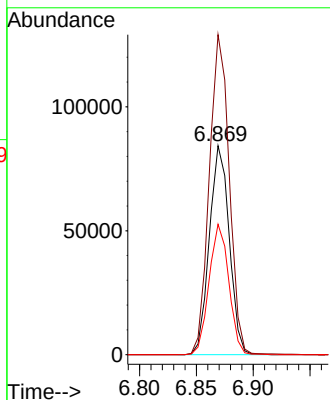
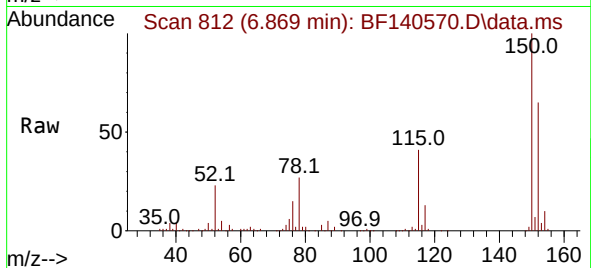




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140570.D
Acq: 22 Nov 2024 12:02

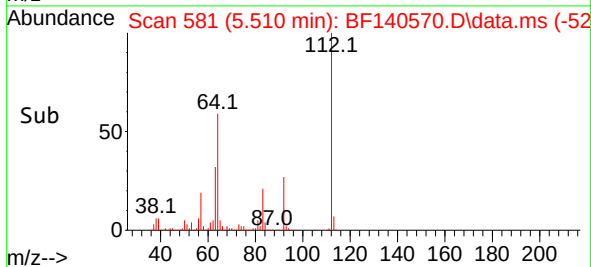
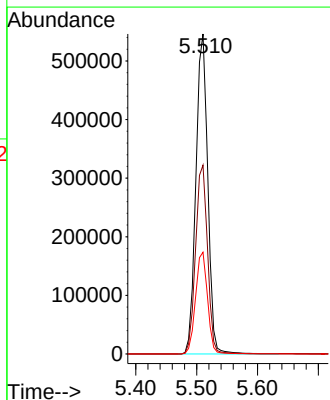
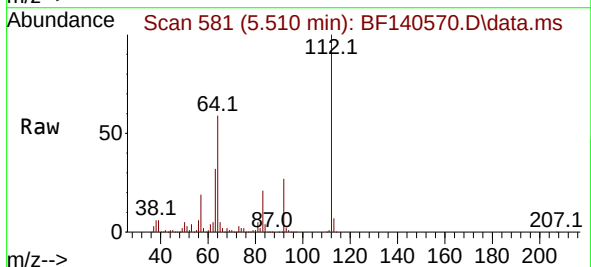
Instrument :
BNA_F
ClientSampleId :
MH-763

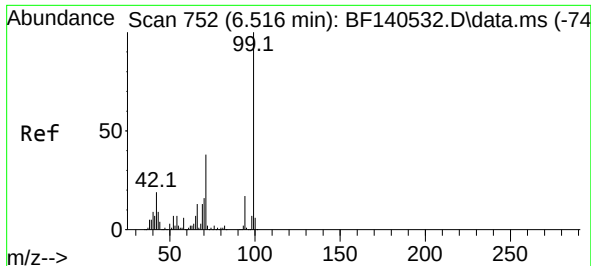
Tgt Ion:152 Resp: 102636
Ion Ratio Lower Upper
152 100
150 153.1 128.5 192.7
115 62.4 50.2 75.4



#5
2-Fluorophenol
Concen: 123.241 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140570.D
Acq: 22 Nov 2024 12:02

Tgt Ion:112 Resp: 741349
Ion Ratio Lower Upper
112 100
64 59.0 49.2 73.8
63 31.8 27.0 40.4





#7
Phenol-d6
Concen: 114.471 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF140570.D
Acq: 22 Nov 2024 12:02

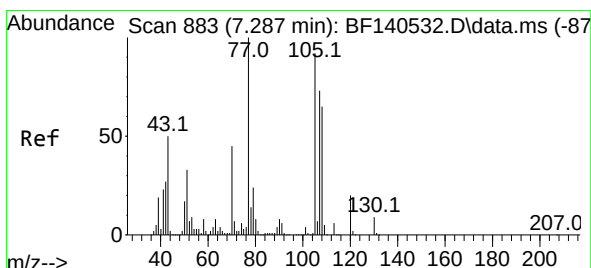
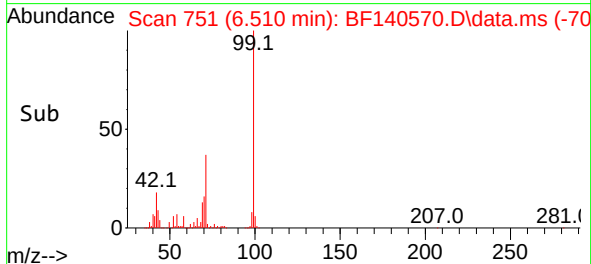
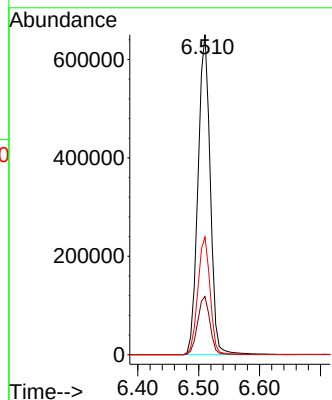
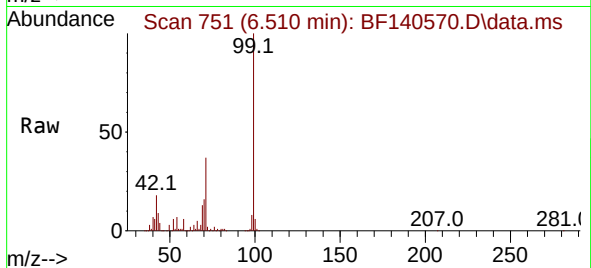
Instrument :

BNA_F

ClientSampleId :

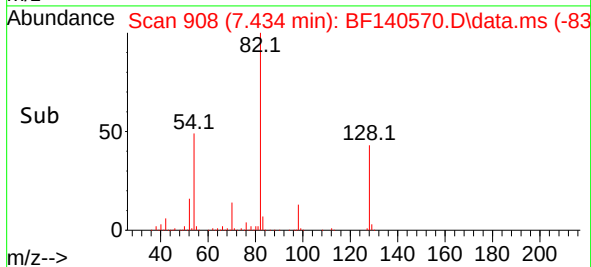
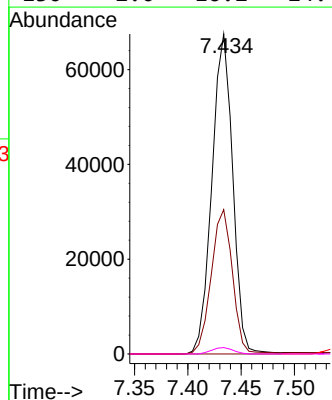
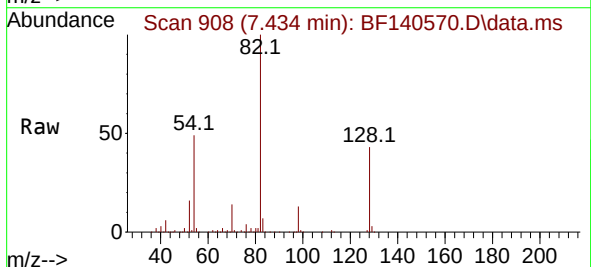
MH-763

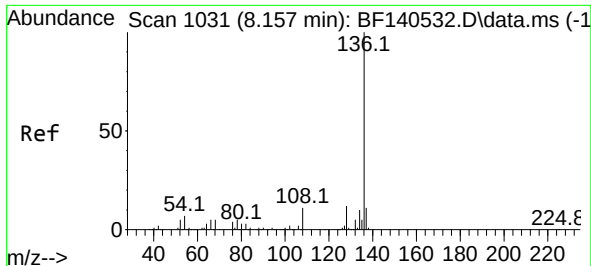
Tgt Ion: 99 Resp: 910334
Ion Ratio Lower Upper
99 100
42 18.2 15.4 23.0
71 36.8 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 19.470 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF140570.D
Acq: 22 Nov 2024 12:02

Tgt Ion: 70 Resp: 91508
Ion Ratio Lower Upper
70 100
42 45.1 47.6 71.4#
101 0.0 7.6 11.4#
130 2.0 16.2 24.4#

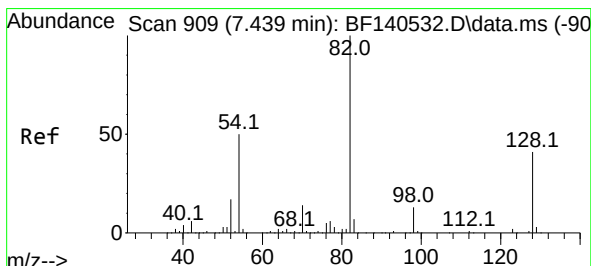
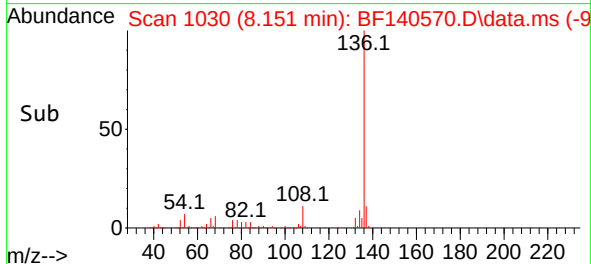
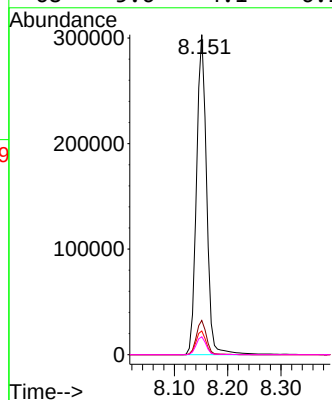
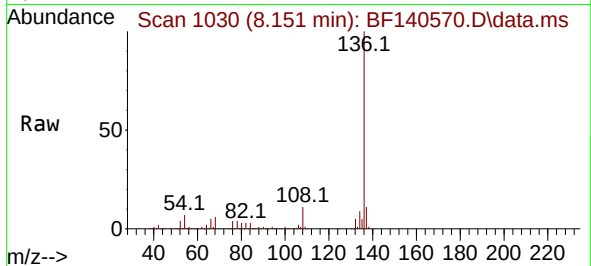




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140570.D
Acq: 22 Nov 2024 12:02

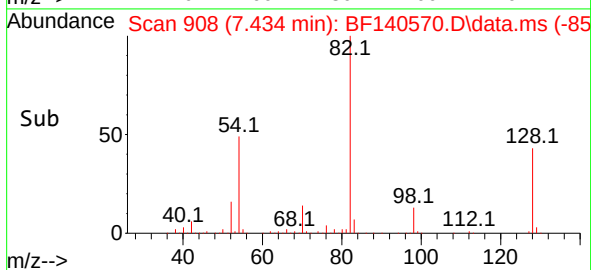
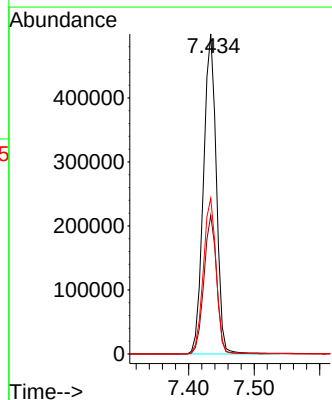
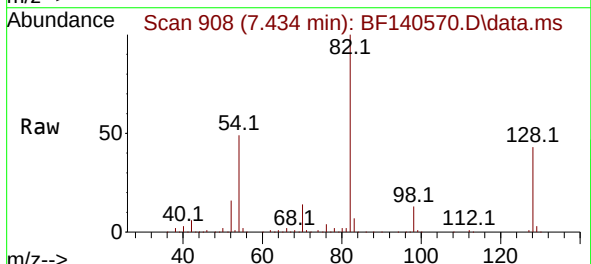
Instrument :
BNA_F
ClientSampleId :
MH-763

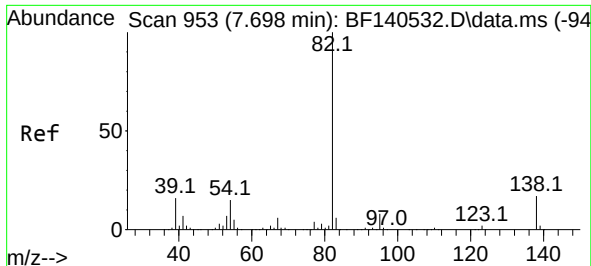
Tgt Ion:	136	Resp:	398992
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	7.4	5.8	8.8
68	5.6	4.1	6.1



#23
Nitrobenzene-d5
Concen: 87.817 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140570.D
Acq: 22 Nov 2024 12:02

Tgt Ion:	82	Resp:	685010
Ion	Ratio	Lower	Upper
82	100		
128	43.3	33.0	49.4
54	48.6	39.5	59.3

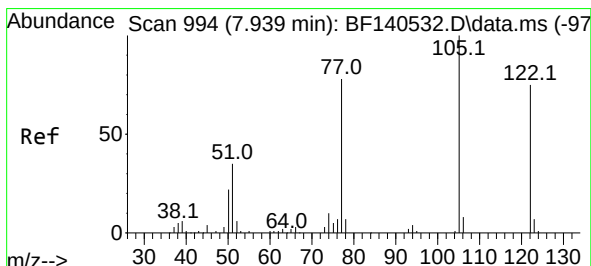
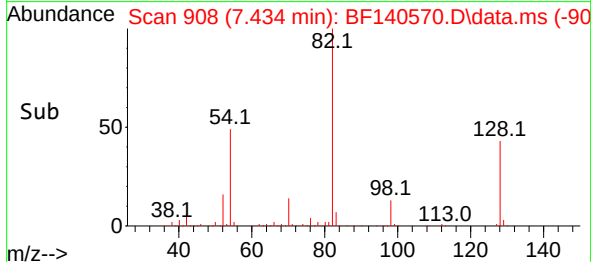
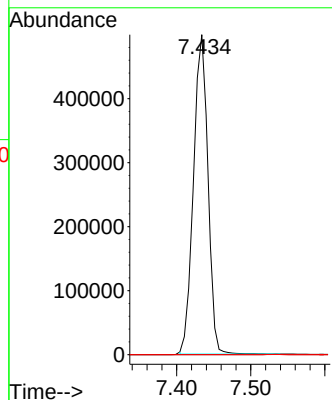
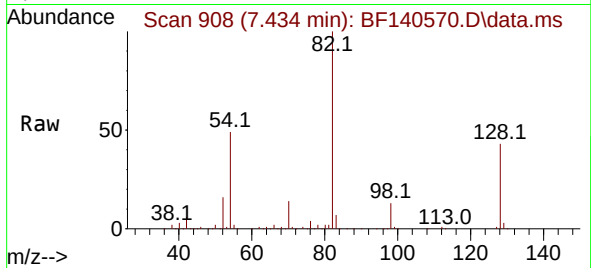




#25
Isophorone
Concen: 51.927 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140570.D
Acq: 22 Nov 2024 12:02

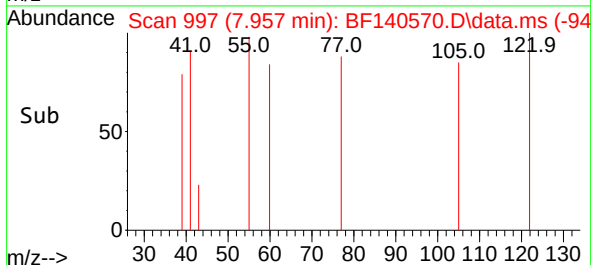
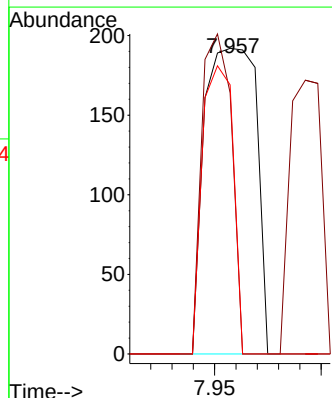
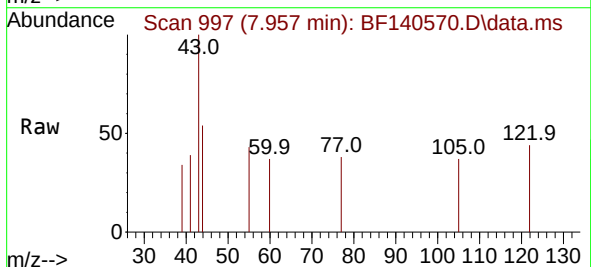
Instrument :
BNA_F
ClientSampleId :
MH-763

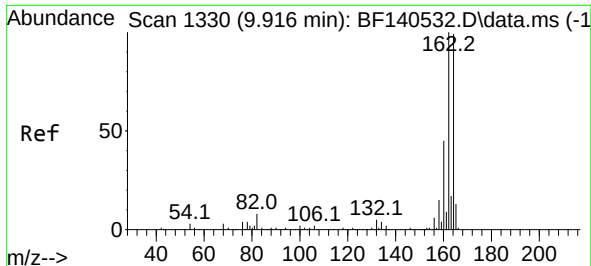
Tgt Ion: 82 Resp: 675592
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#32
Benzoic acid
Concen: 7.266 ng
RT: 7.957 min Scan# 997
Delta R.T. 0.018 min
Lab File: BF140570.D
Acq: 22 Nov 2024 12:02

Tgt Ion: 122 Resp: 322
Ion Ratio Lower Upper
122 100
105 85.4 109.3 149.3#
77 88.0 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: BF140570.D

Acq: 22 Nov 2024 12:02

Instrument :

BNA_F

ClientSampleId :

MH-763

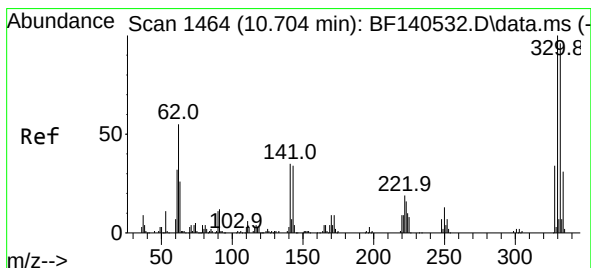
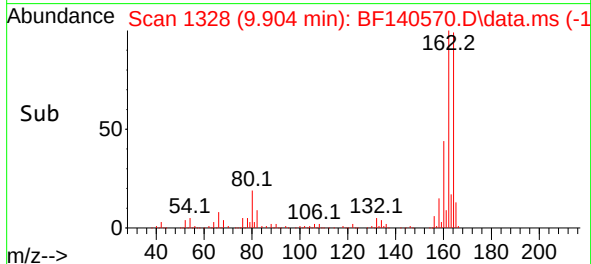
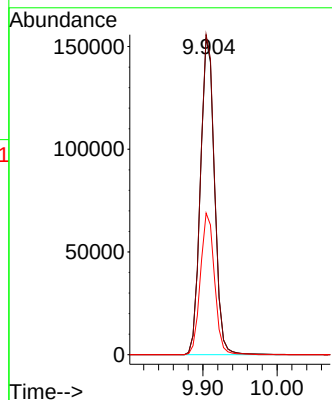
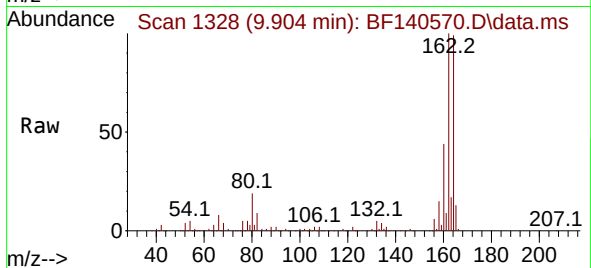
Tgt Ion:164 Resp: 202924

Ion Ratio Lower Upper

164 100

162 101.0 80.6 120.8

160 44.7 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 147.071 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140570.D

Acq: 22 Nov 2024 12:02

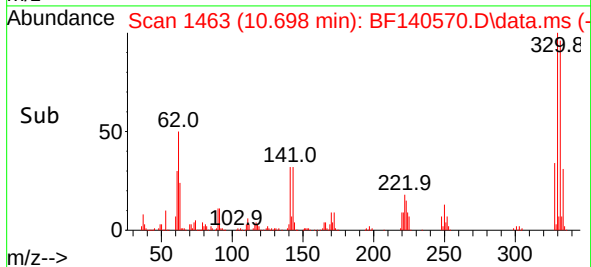
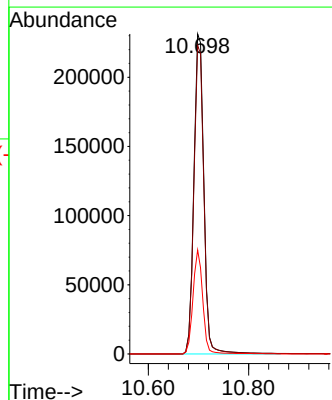
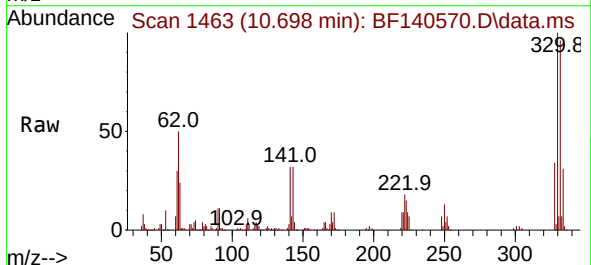
Tgt Ion:330 Resp: 319187

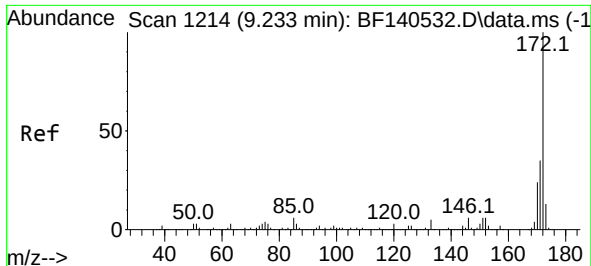
Ion Ratio Lower Upper

330 100

332 96.7 76.9 115.3

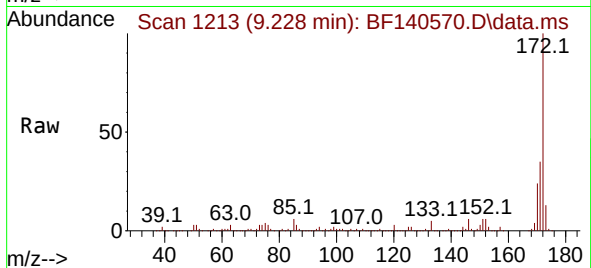
141 31.9 26.7 40.1



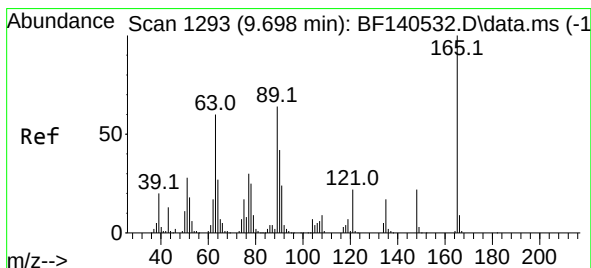
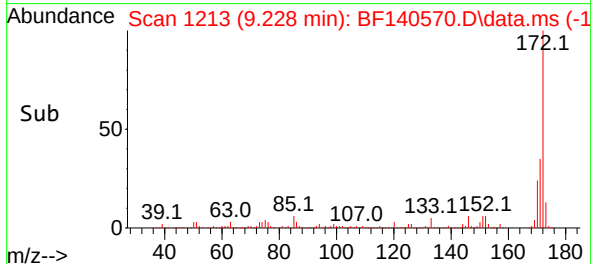
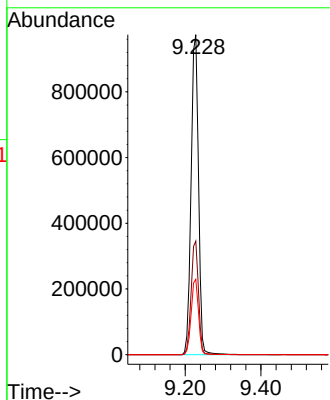


#45
2-Fluorobiphenyl
Concen: 96.719 ng
RT: 9.228 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140570.D
Acq: 22 Nov 2024 12:02

Instrument :
BNA_F
ClientSampleId :
MH-763

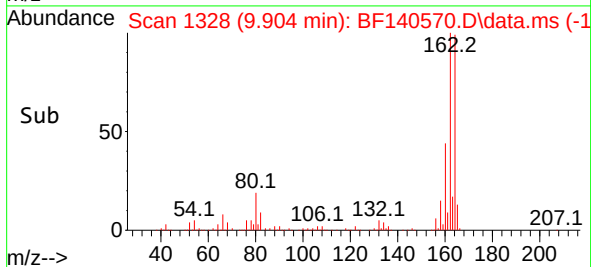
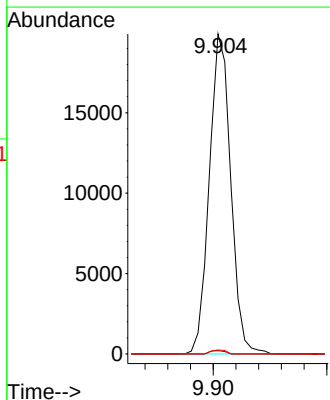
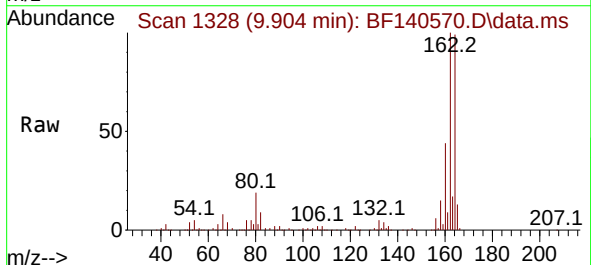


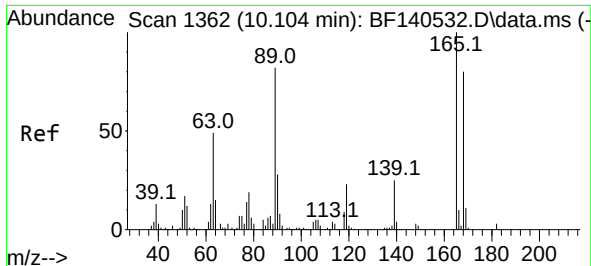
Tgt Ion:172 Resp: 1317272
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.5 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 8.589 ng
RT: 9.904 min Scan# 1328
Delta R.T. 0.206 min
Lab File: BF140570.D
Acq: 22 Nov 2024 12:02

Tgt Ion:165 Resp: 26032
Ion Ratio Lower Upper
165 100
63 1.0 49.9 74.9#
89 1.2 50.9 76.3#

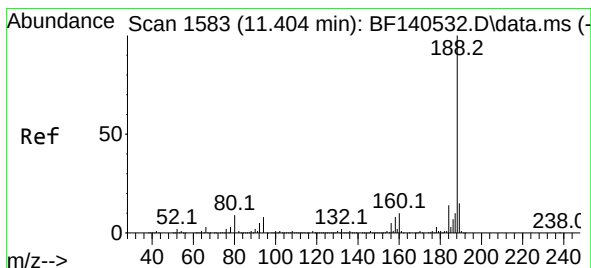
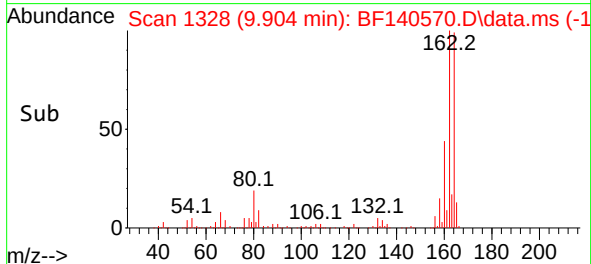
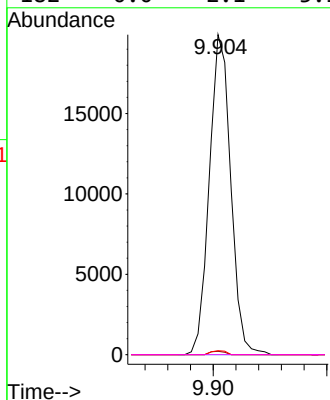
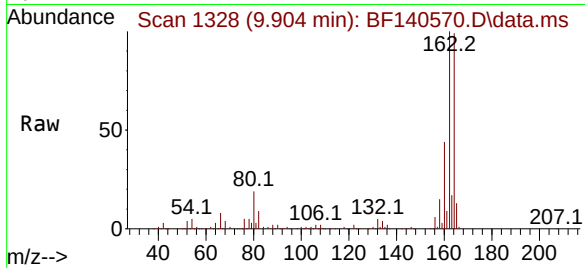




#57
2,4-Dinitrotoluene
Concen: 6.462 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF140570.D
Acq: 22 Nov 2024 12:02

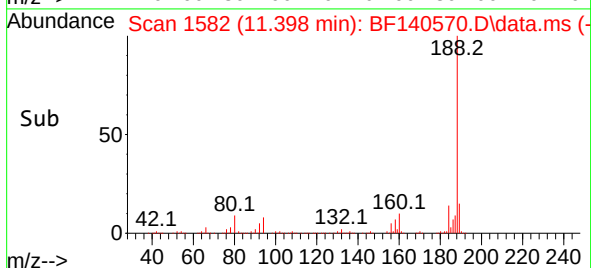
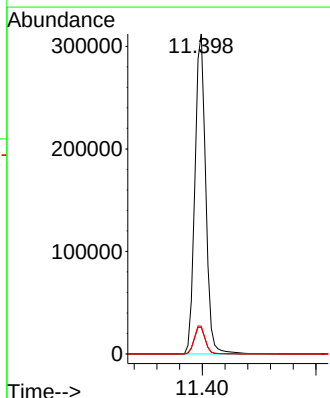
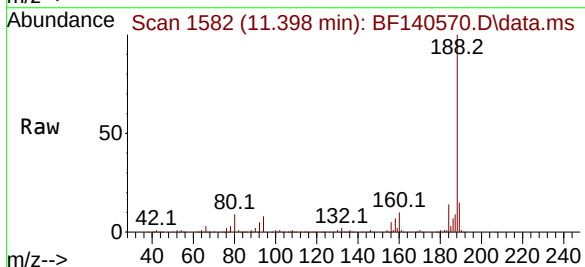
Instrument :
BNA_F
ClientSampleId :
MH-763

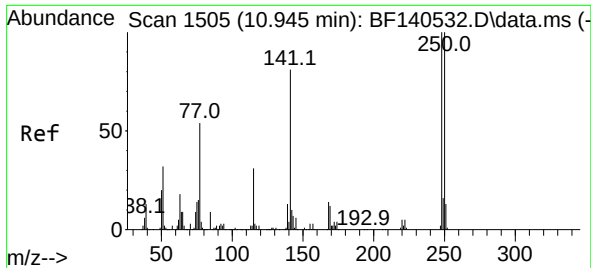
Tgt Ion:165 Resp: 26032
Ion Ratio Lower Upper
165 100
63 1.0 41.7 62.5#
89 1.2 65.8 98.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140570.D
Acq: 22 Nov 2024 12:02

Tgt Ion:188 Resp: 413703
Ion Ratio Lower Upper
188 100
94 8.4 6.4 9.6
80 8.7 6.9 10.3

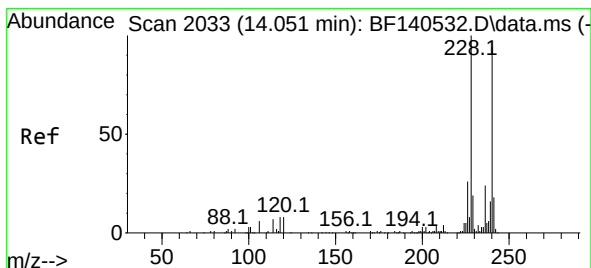
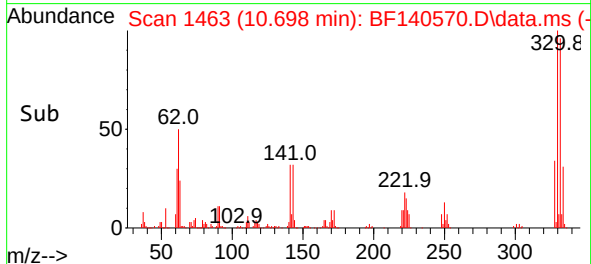
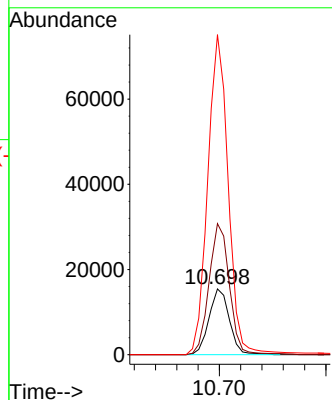
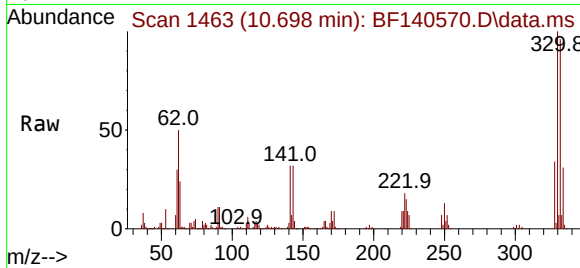




#67
4-Bromophenyl-phenylether
Concen: 4.828 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140570.D
Acq: 22 Nov 2024 12:02

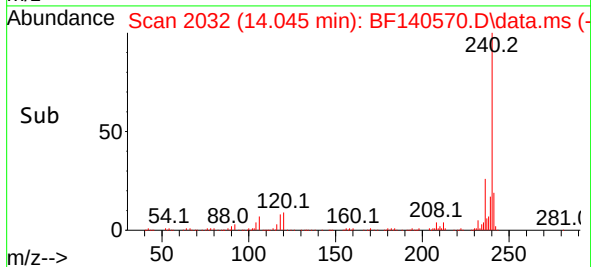
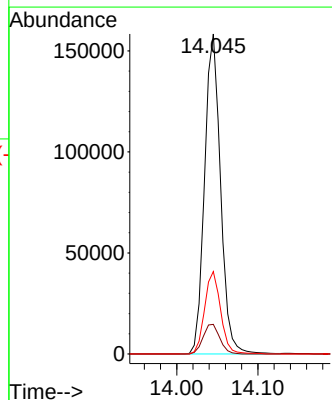
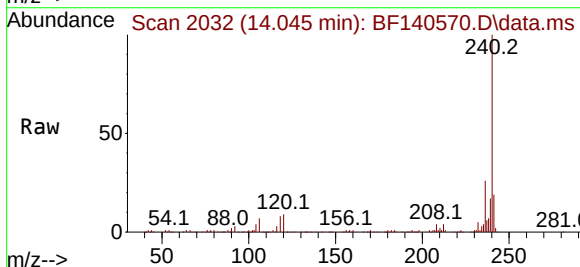
Instrument :
BNA_F
ClientSampleId :
MH-763

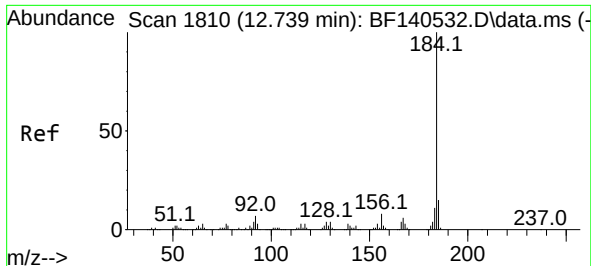
Tgt Ion:248 Resp: 20570
Ion Ratio Lower Upper
248 100
250 199.1 79.8 119.8#
141 486.1 64.7 97.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140570.D
Acq: 22 Nov 2024 12:02

Tgt Ion:240 Resp: 216323
Ion Ratio Lower Upper
240 100
120 9.2 7.3 10.9
236 25.7 20.6 31.0

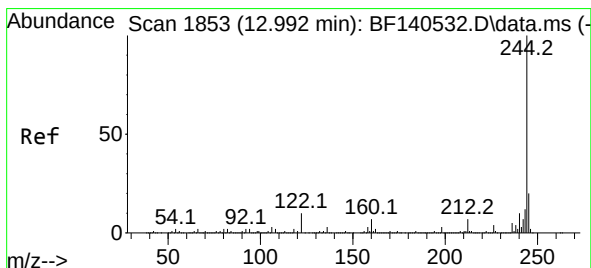
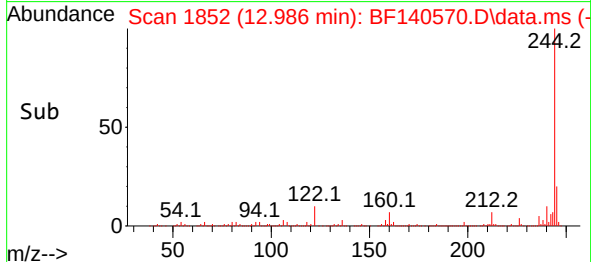
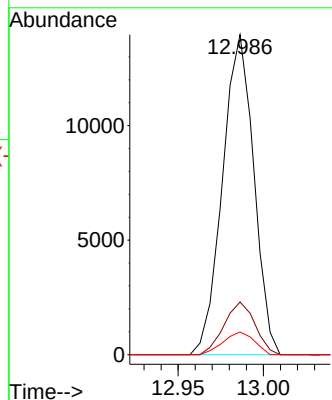
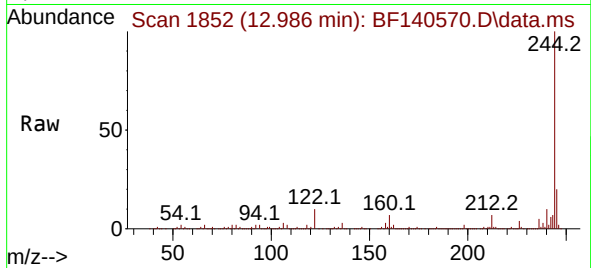




#77
Benzidine
Concen: 2.836 ng
RT: 12.986 min Scan# 1852
Delta R.T. 0.247 min
Lab File: BF140570.D
Acq: 22 Nov 2024 12:02

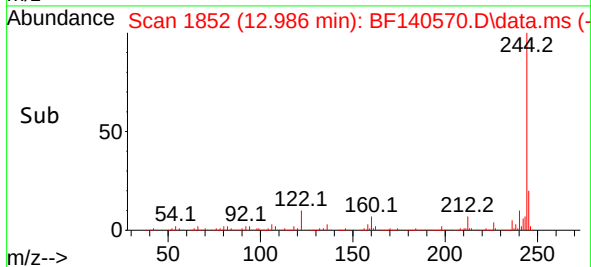
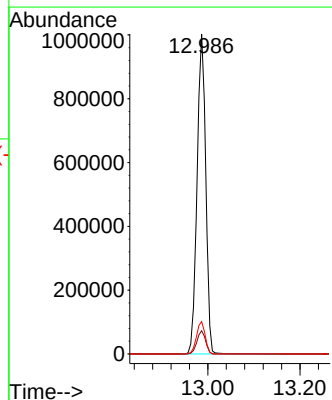
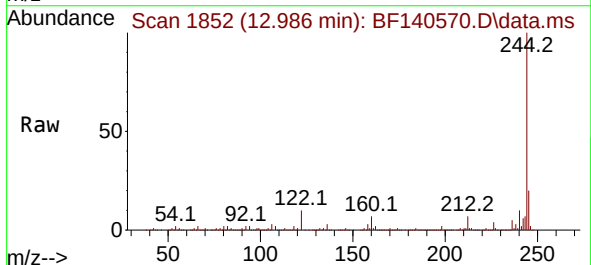
Instrument :
BNA_F
ClientSampleId :
MH-763

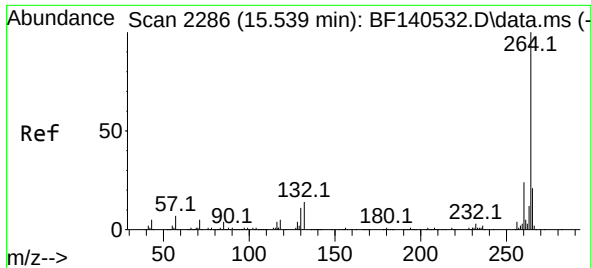
Tgt Ion:184 Resp: 17838
Ion Ratio Lower Upper
184 100
185 16.4 11.7 17.5
183 7.1 8.8 13.2#



#79
Terphenyl-d14
Concen: 93.813 ng
RT: 12.986 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF140570.D
Acq: 22 Nov 2024 12:02

Tgt Ion:244 Resp: 1303289
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 10.1 8.0 12.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF140570.D

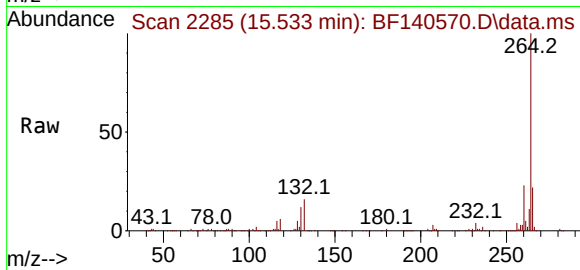
Acq: 22 Nov 2024 12:02

Instrument :

BNA_F

ClientSampleId :

MH-763



Tgt Ion:264 Resp: 177928

Ion Ratio Lower Upper

264 100

260 23.2 19.0 28.6

265 21.6 16.6 25.0

