

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120524\
 Data File : BF140750.D
 Acq On : 05 Dec 2024 16:00
 Operator : RC/JU
 Sample : P5095-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-764

Quant Time: Dec 05 16:23:53 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)

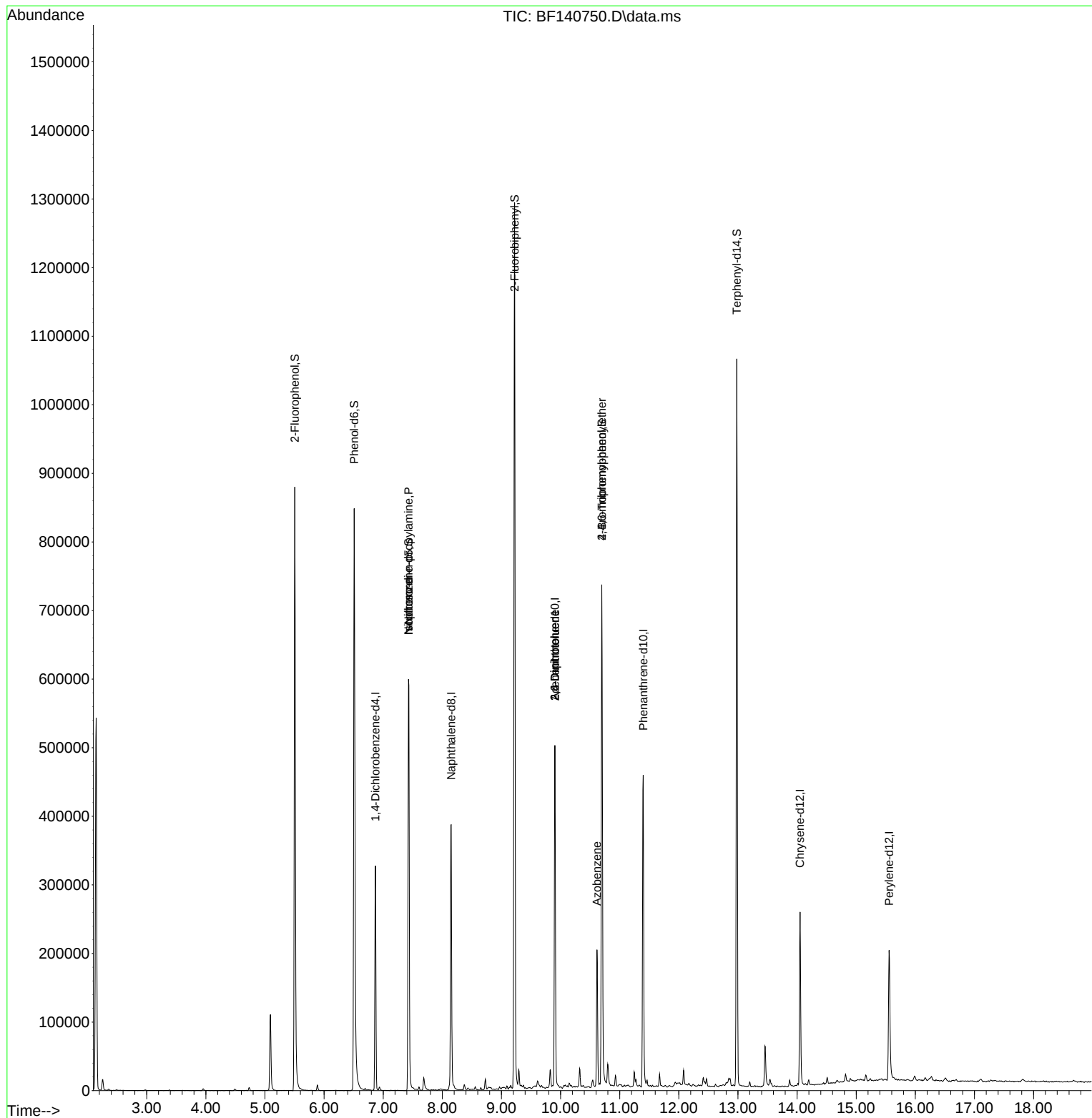
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	68436	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	268593	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	151788	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	264666	20.000	ng	0.00
76) Chrysene-d12	14.051	240	131024	20.000	ng	0.00
86) Perylene-d12	15.557	264	122165	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	353990	88.255	ng	0.00
7) Phenol-d6	6.510	99	449619	84.792	ng	0.00
23) Nitrobenzene-d5	7.428	82	295492	56.273	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	131935	81.272	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	588239	57.741	ng	-0.01
79) Terphenyl-d14	12.980	244	510706	60.694	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	39834	12.711	ng	# 75
25) Isophorone	7.428	82	291370	33.268	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	19724	8.700	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	19725	6.546	ng	# 18
63) Azobenzene	10.616	77	53860	5.600	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	8329	3.056	ng	# 1

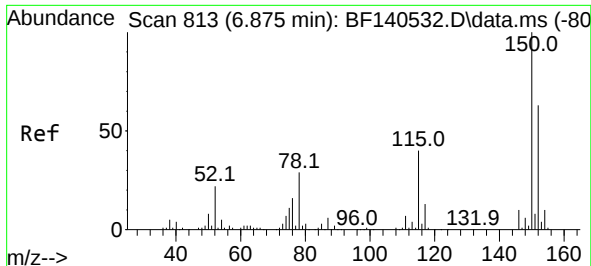
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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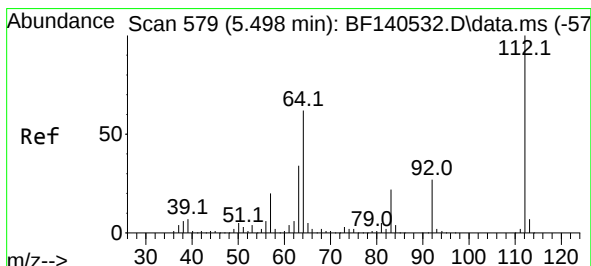
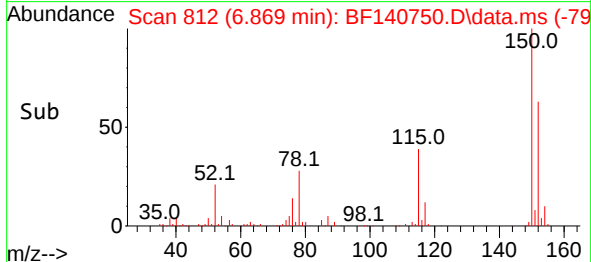
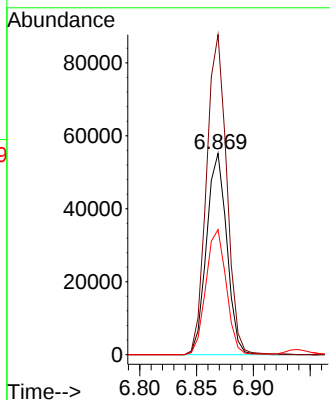
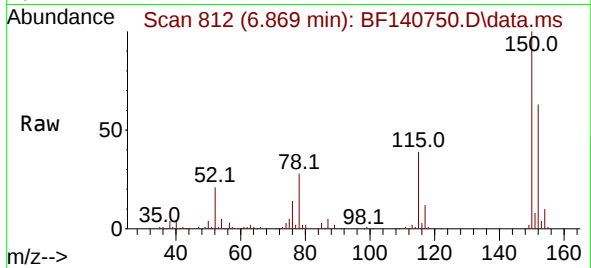




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140750.D
Acq: 05 Dec 2024 16:00

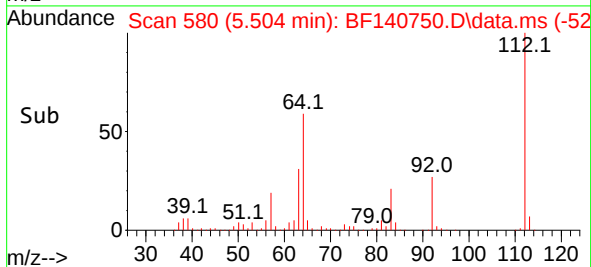
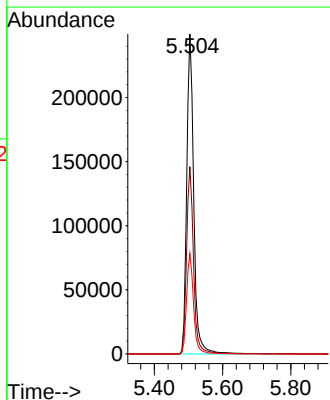
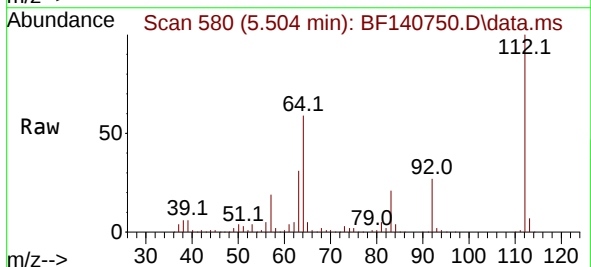
Instrument :
BNA_F
ClientSampleId :
MH-764

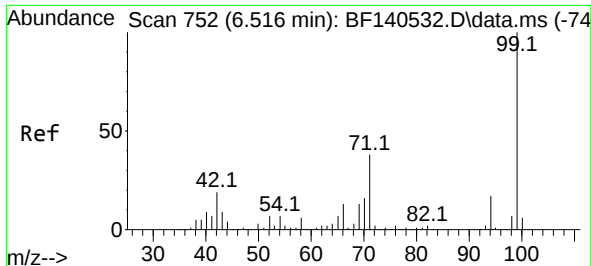
Tgt Ion:152 Resp: 68436
Ion Ratio Lower Upper
152 100
150 159.0 128.5 192.7
115 62.2 50.2 75.4



#5
2-Fluorophenol
Concen: 88.255 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140750.D
Acq: 05 Dec 2024 16:00

Tgt Ion:112 Resp: 353990
Ion Ratio Lower Upper
112 100
64 58.6 49.2 73.8
63 31.4 27.0 40.4

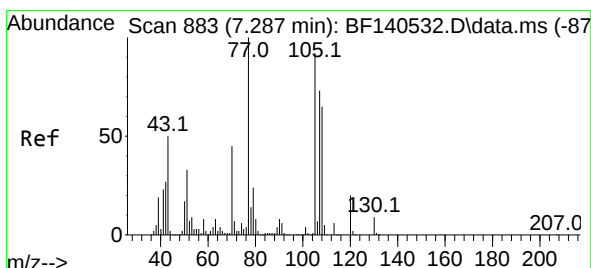
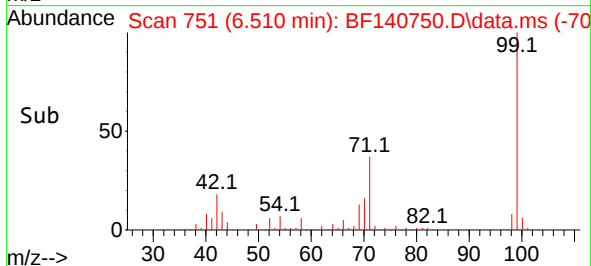
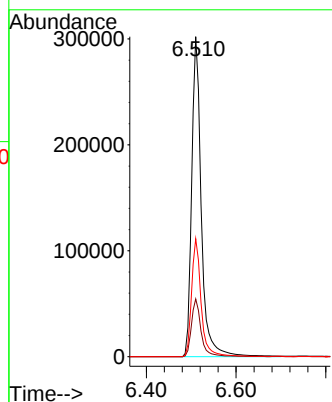
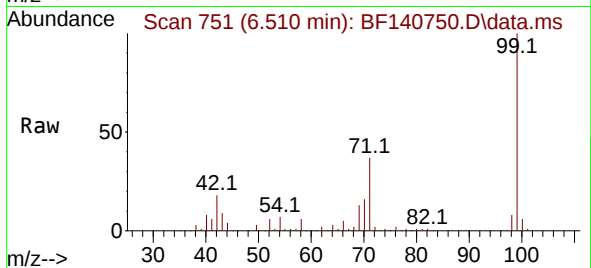




#7
Phenol-d6
Concen: 84.792 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140750.D
Acq: 05 Dec 2024 16:00

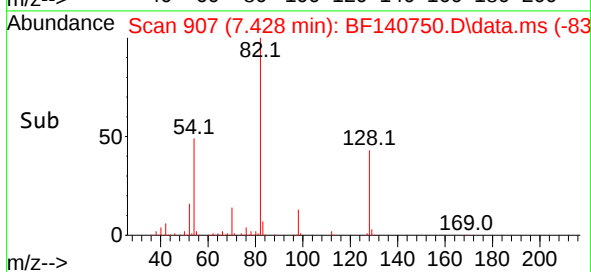
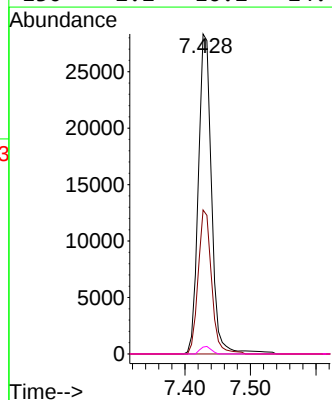
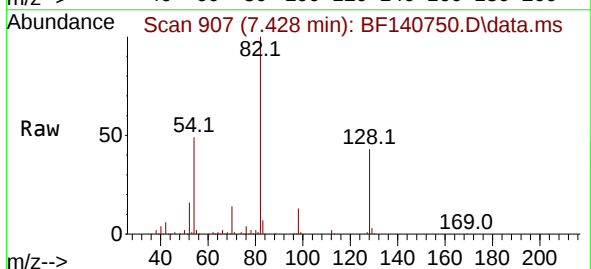
Instrument :
BNA_F
ClientSampleId :
MH-764

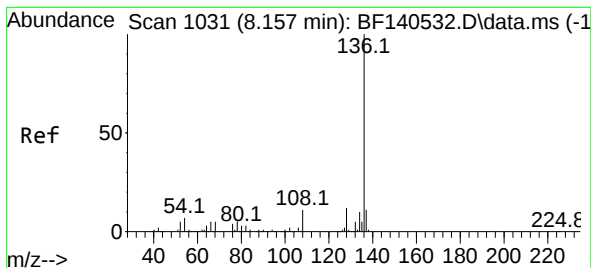
Tgt Ion: 99 Resp: 449619
Ion Ratio Lower Upper
99 100
42 18.0 15.4 23.0
71 36.9 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 12.711 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF140750.D
Acq: 05 Dec 2024 16:00

Tgt Ion: 70 Resp: 39834
Ion Ratio Lower Upper
70 100
42 45.0 47.6 71.4#
101 0.0 7.6 11.4#
130 2.2 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: BF140750.D

Acq: 05 Dec 2024 16:00

Instrument :

BNA_F

ClientSampleId :

MH-764

Tgt Ion:136 Resp: 268593

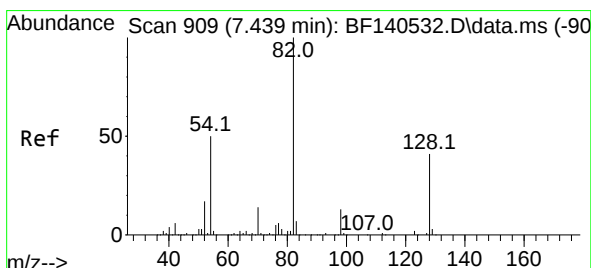
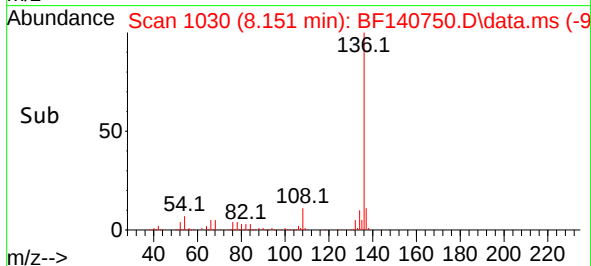
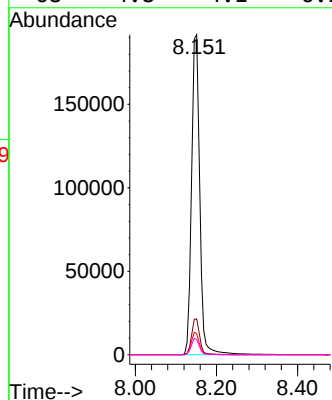
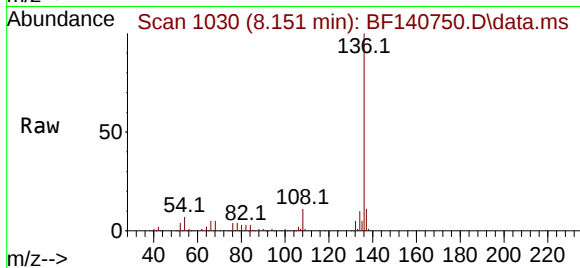
Ion Ratio Lower Upper

136 100

137 11.2 8.6 13.0

54 6.6 5.8 8.8

68 4.8 4.1 6.1



#23

Nitrobenzene-d5

Concen: 56.273 ng

RT: 7.428 min Scan# 907

Delta R.T. -0.012 min

Lab File: BF140750.D

Acq: 05 Dec 2024 16:00

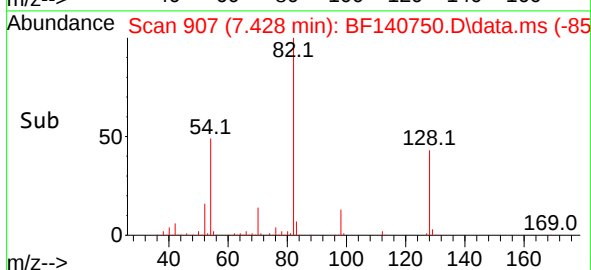
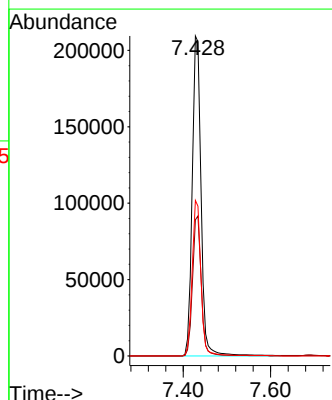
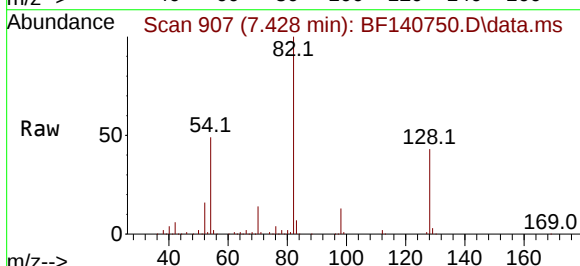
Tgt Ion: 82 Resp: 295492

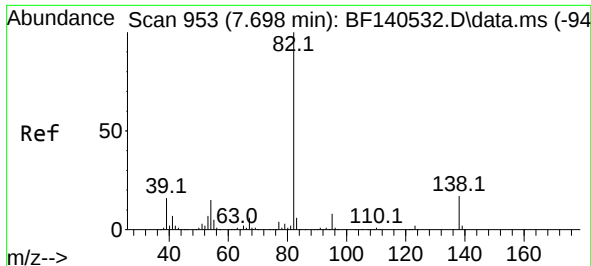
Ion Ratio Lower Upper

82 100

128 42.5 33.0 49.4

54 48.6 39.5 59.3

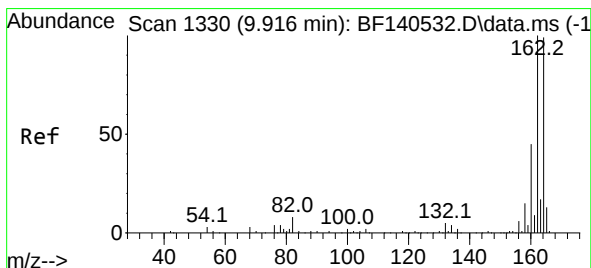
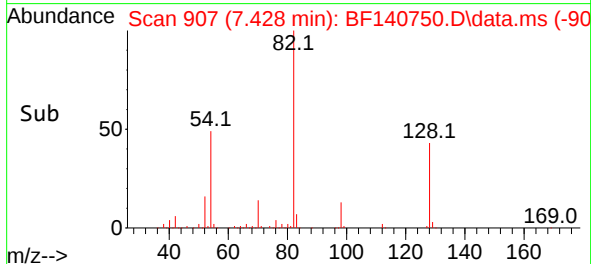
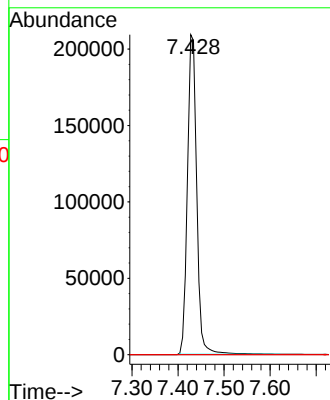
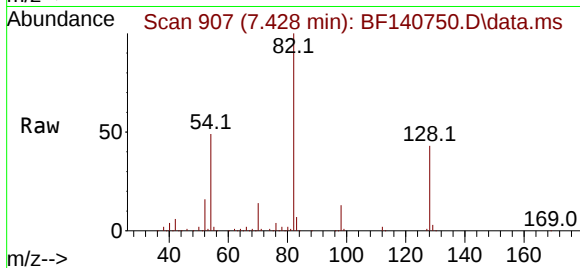




#25
Isophorone
Concen: 33.268 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF140750.D
Acq: 05 Dec 2024 16:00

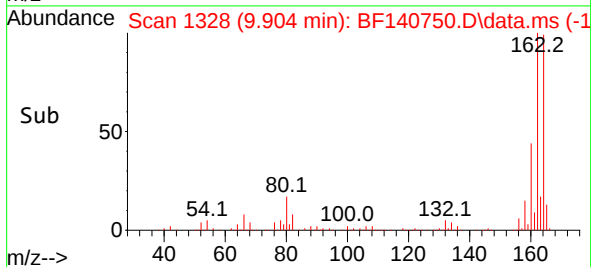
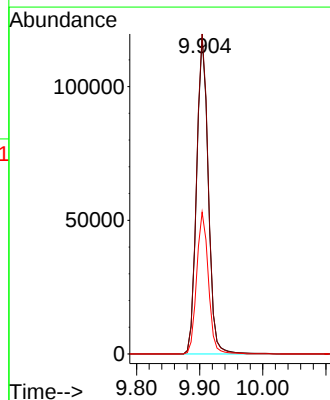
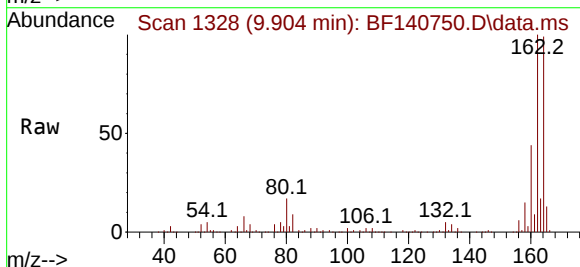
Instrument :
BNA_F
ClientSampleId :
MH-764

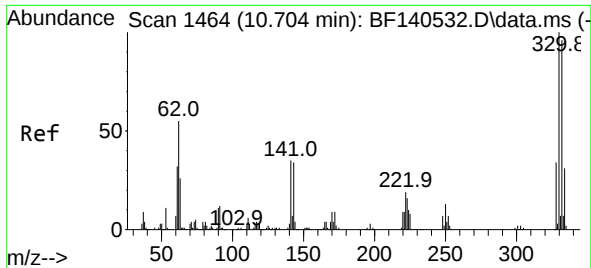
Tgt Ion: 82 Resp: 291370
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140750.D
Acq: 05 Dec 2024 16:00

Tgt Ion:164 Resp: 151788
Ion Ratio Lower Upper
164 100
162 101.2 80.6 120.8
160 44.8 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 81.272 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140750.D

Acq: 05 Dec 2024 16:00

Instrument :

BNA_F

ClientSampleId :

MH-764

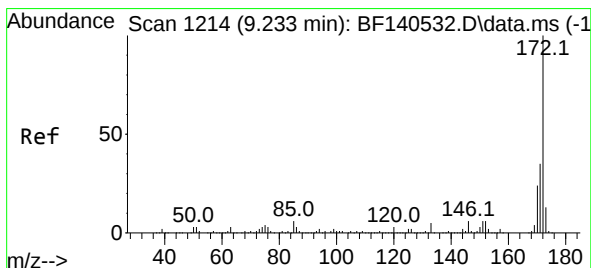
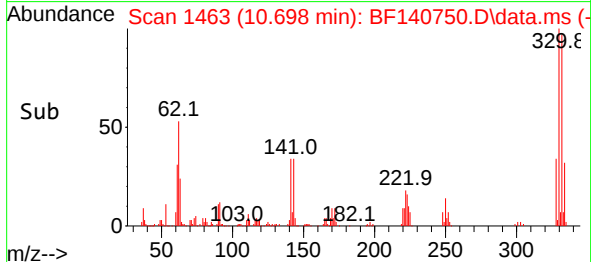
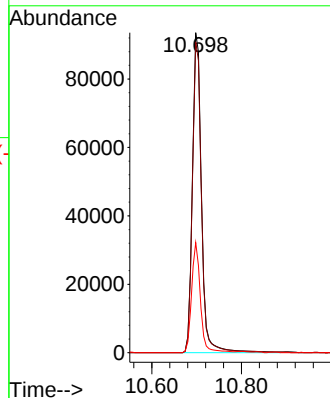
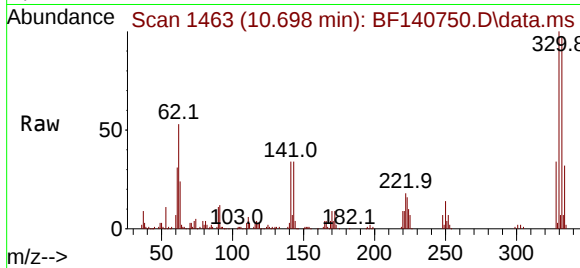
Tgt Ion:330 Resp: 131935

Ion Ratio Lower Upper

330 100

332 96.1 76.9 115.3

141 33.4 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 57.741 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF140750.D

Acq: 05 Dec 2024 16:00

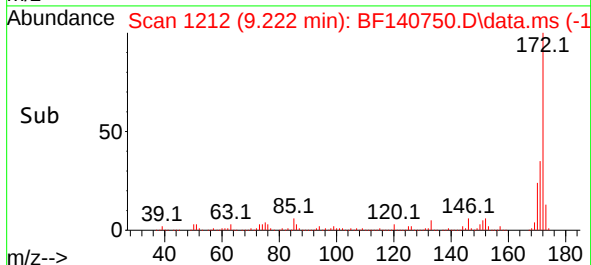
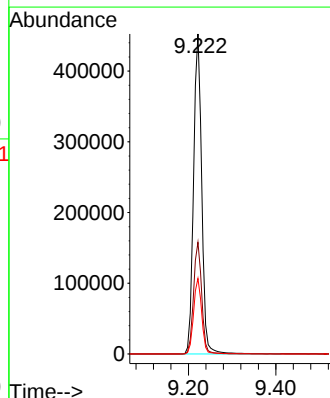
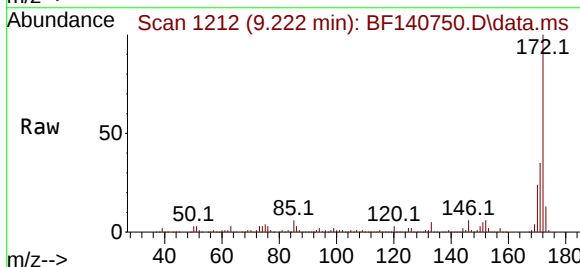
Tgt Ion:172 Resp: 588239

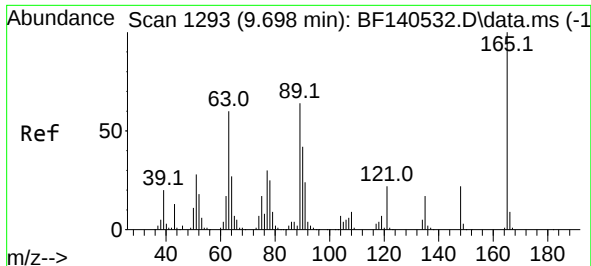
Ion Ratio Lower Upper

172 100

171 34.9 28.4 42.6

170 23.6 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.700 ng

RT: 9.904 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF140750.D

Acq: 05 Dec 2024 16:00

Instrument :

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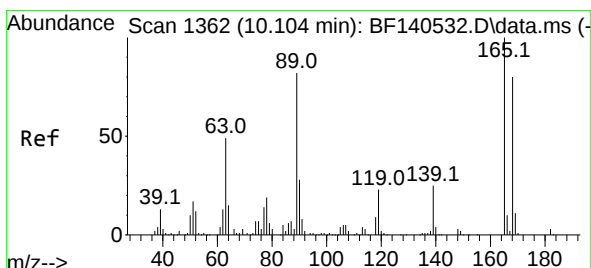
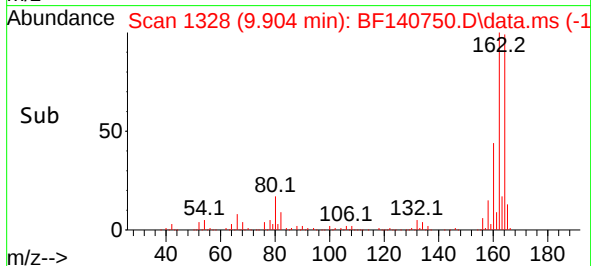
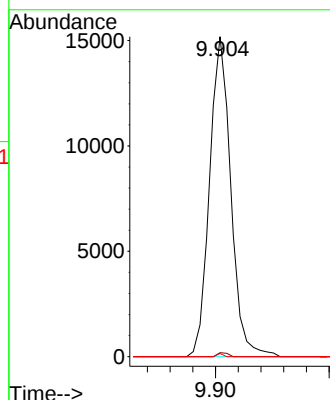
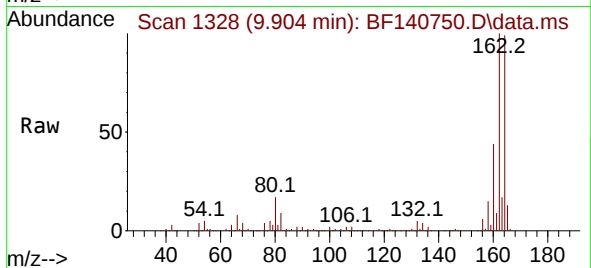
Tgt Ion:165 Resp: 19724

Ion Ratio Lower Upper

165 100

63 1.2 49.9 74.9#

89 1.0 50.9 76.3#



#57

2,4-Dinitrotoluene

Concen: 6.546 ng

RT: 9.904 min Scan# 1328

Delta R.T. -0.200 min

Lab File: BF140750.D

Acq: 05 Dec 2024 16:00

Tgt Ion:165 Resp: 19725

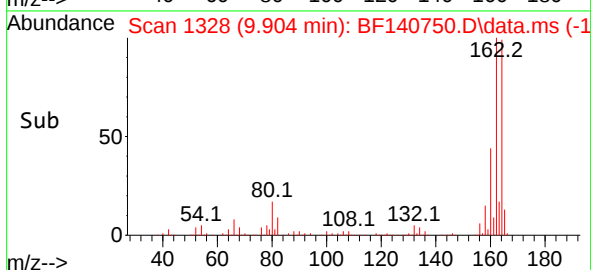
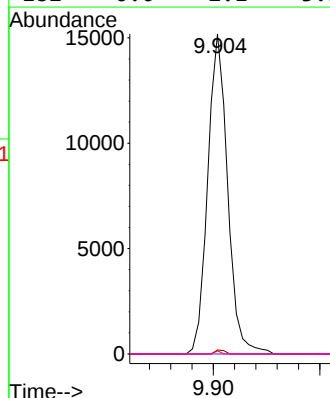
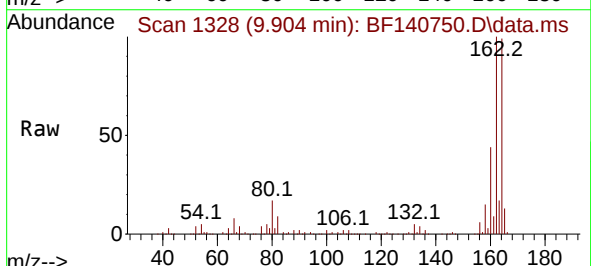
Ion Ratio Lower Upper

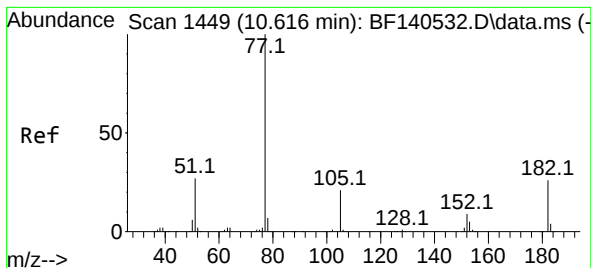
165 100

63 1.2 41.7 62.5#

89 1.0 65.8 98.8#

182 0.0 2.1 3.1#





#63

Azobenzene

Concen: 5.600 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.000 min

Lab File: BF140750.D

Acq: 05 Dec 2024 16:00

Instrument :

BNA_F

ClientSampleId :

MH-764

Tgt Ion: 77 Resp: 53860

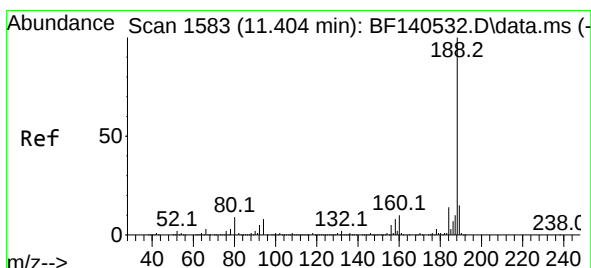
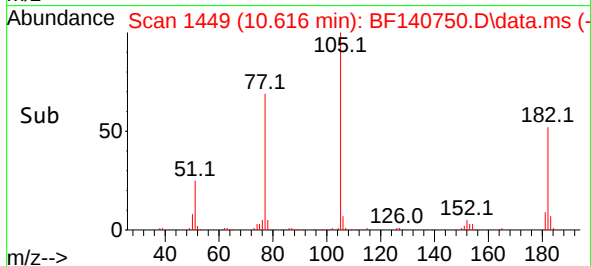
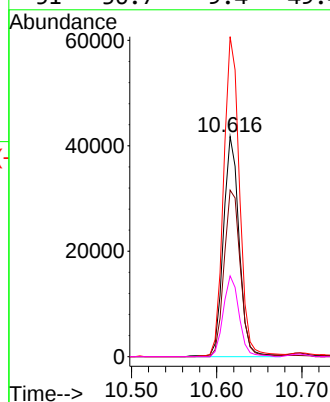
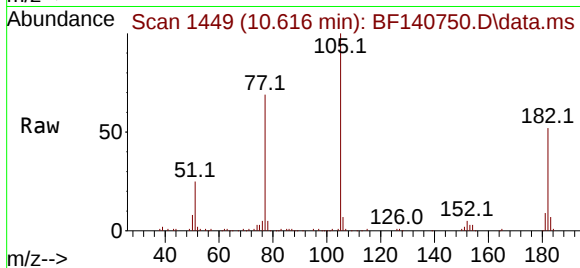
Ion Ratio Lower Upper

77 100

182 75.6 5.3 45.3#

105 145.3 0.3 40.3#

51 36.7 9.4 49.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF140750.D

Acq: 05 Dec 2024 16:00

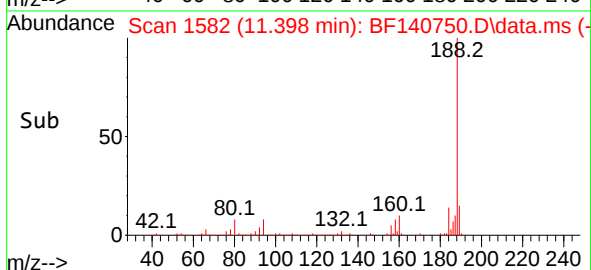
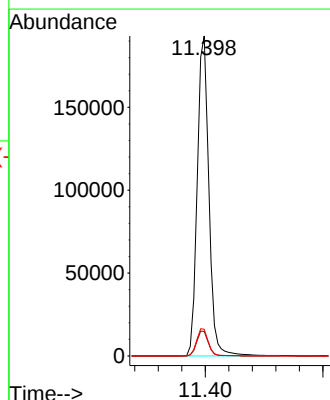
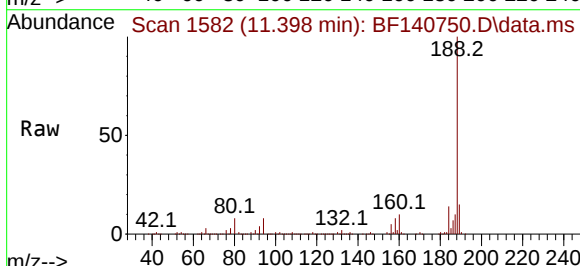
Tgt Ion: 188 Resp: 264666

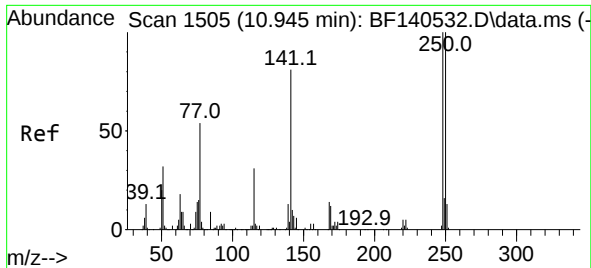
Ion Ratio Lower Upper

188 100

94 7.7 6.4 9.6

80 8.3 6.9 10.3

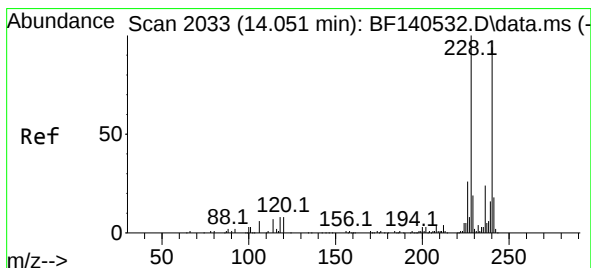
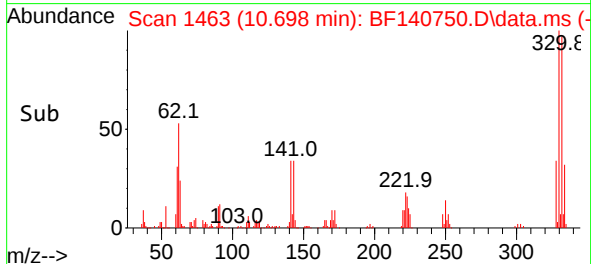
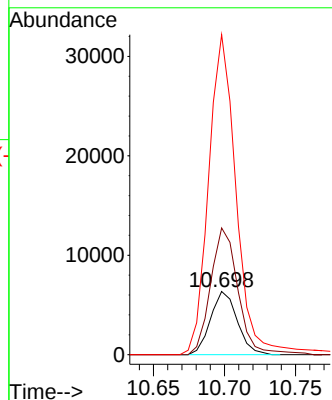
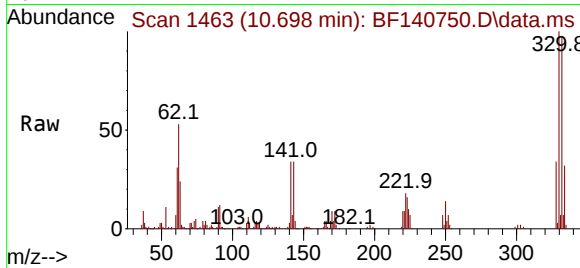




#67
4-Bromophenyl-phenylether
Concen: 3.056 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140750.D
Acq: 05 Dec 2024 16:00

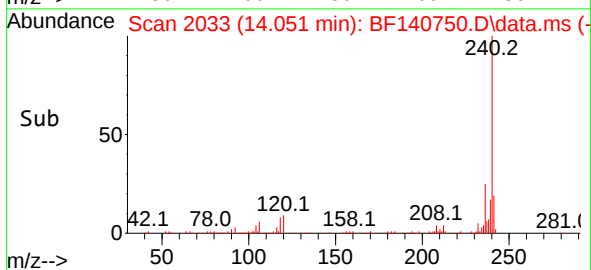
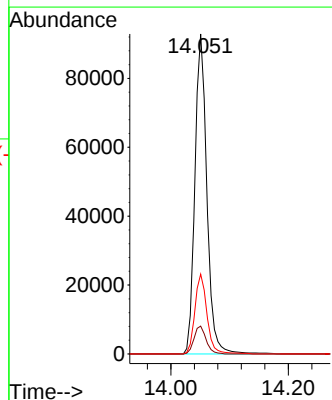
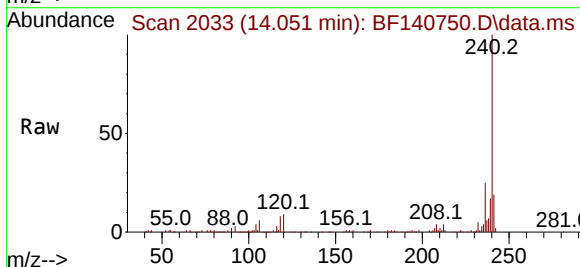
Instrument :
BNA_F
ClientSampleId :
MH-764

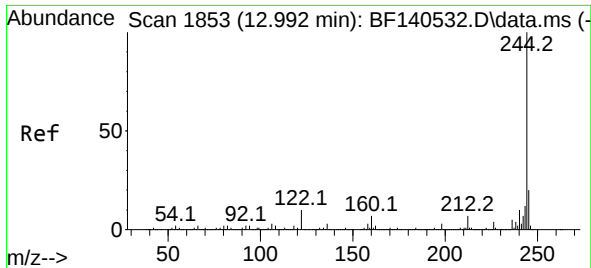
Tgt Ion:248 Resp: 8329
Ion Ratio Lower Upper
248 100
250 200.6 79.8 119.8#
141 506.2 64.7 97.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF140750.D
Acq: 05 Dec 2024 16:00

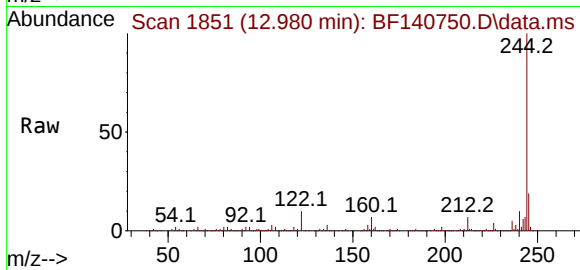
Tgt Ion:240 Resp: 131024
Ion Ratio Lower Upper
240 100
120 8.7 7.3 10.9
236 25.0 20.6 31.0



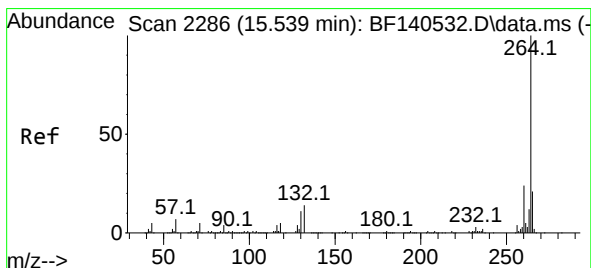
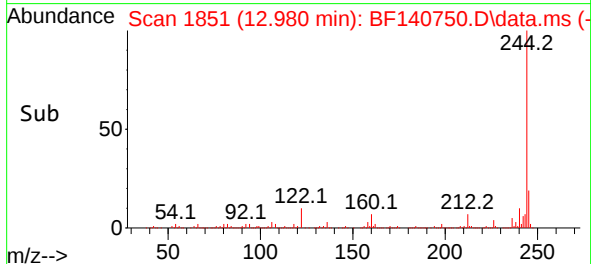
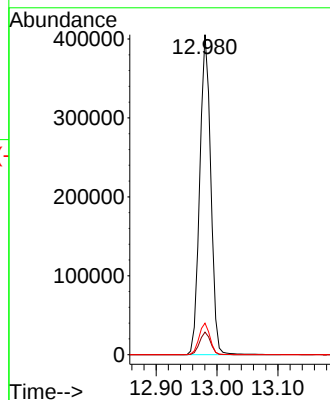


#79
Terphenyl-d14
Concen: 60.694 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF140750.D
Acq: 05 Dec 2024 16:00

Instrument :
BNA_F
ClientSampleId :
MH-764



Tgt Ion:244 Resp: 510706
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.8
122 9.9 8.0 12.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2289
Delta R.T. 0.018 min
Lab File: BF140750.D
Acq: 05 Dec 2024 16:00

Tgt Ion:264 Resp: 122165
Ion Ratio Lower Upper
264 100
260 23.1 19.0 28.6
265 21.0 16.6 25.0

