

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112224\
 Data File : BF140574.D
 Acq On : 22 Nov 2024 13:47
 Operator : RC/JU
 Sample : P4925-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-741

Quant Time: Nov 22 14:11:51 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)

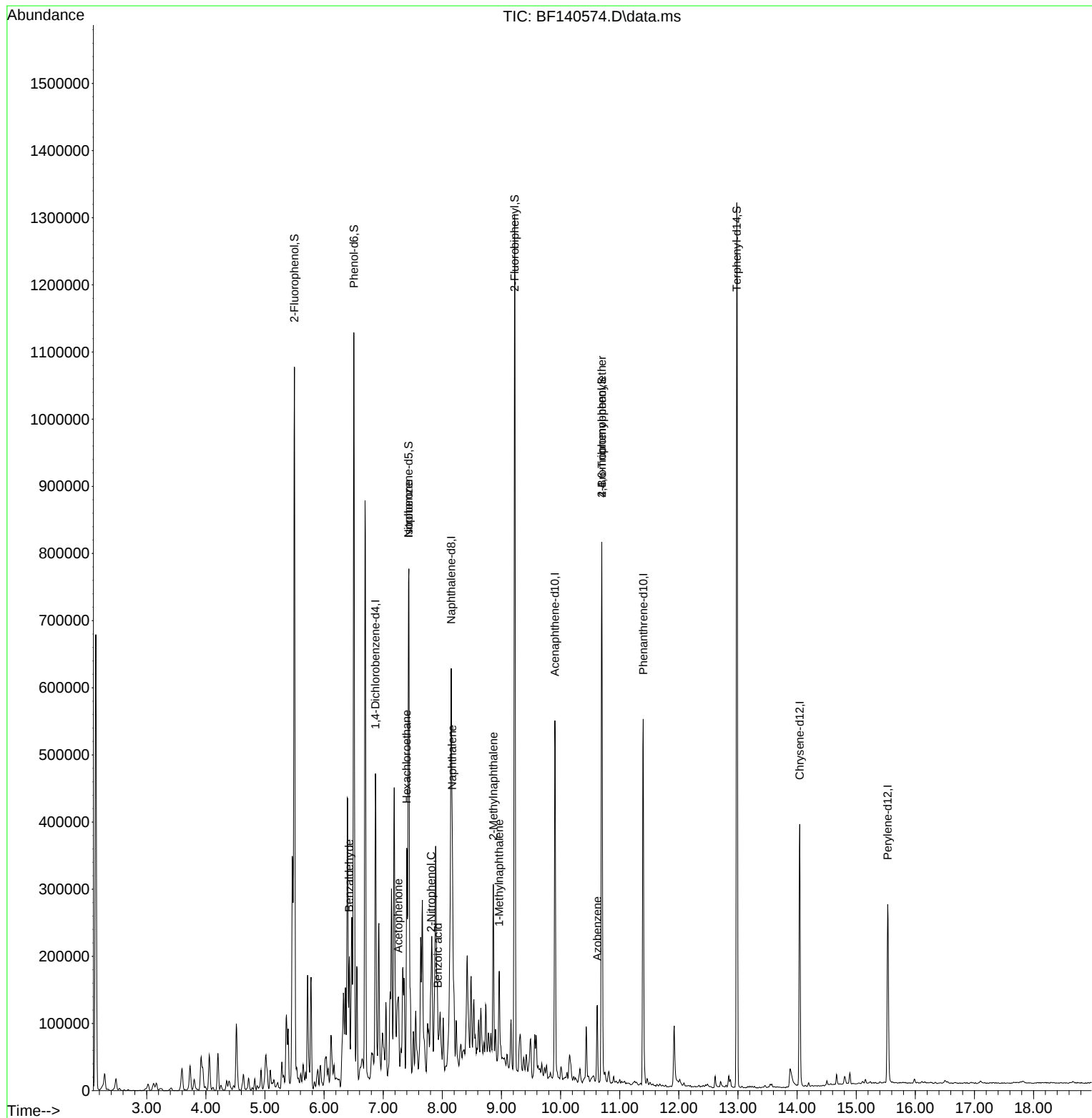
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	83735	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	304229	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	161093	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	299752	20.000	ng	0.00
76) Chrysene-d12	14.045	240	189138	20.000	ng	0.00
86) Perylene-d12	15.533	264	166071	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	386138	78.681	ng	0.00
7) Phenol-d6	6.504	99	512334	78.966	ng	-0.01
23) Nitrobenzene-d5	7.428	82	308763	51.913	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	135695	78.760	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	565661	52.318	ng	-0.01
79) Terphenyl-d14	12.980	244	643506	52.978	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.428	77	8214	2.391	ng	# 1
18) Hexachloroethane	7.398	117	23489	10.469	ng	# 1
22) Acetophenone	7.257	105	42806	5.771	ng	# 52
25) Isophorone	7.428	82	301825	30.425	ng	# 66
26) 2-Nitrophenol	7.810	139	9421	3.458	ng	# 77
31) Naphthalene	8.169	128	100468	6.411	ng	# 97
32) Benzoic acid	7.928	122	1667	7.692	ng	# 1
37) 2-Methylnaphthalene	8.863	142	103610	10.410	ng	# 98
38) 1-Methylnaphthalene	8.963	142	49760	5.100	ng	# 99
63) Azobenzene	10.622	77	30530	2.991	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	8414	2.726	ng	# 1

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

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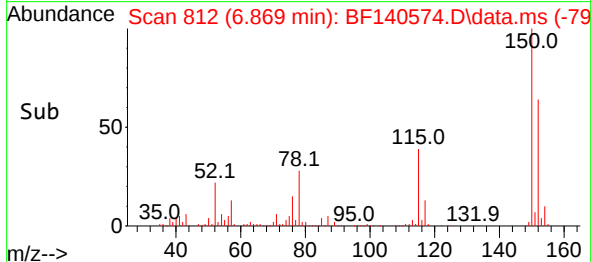
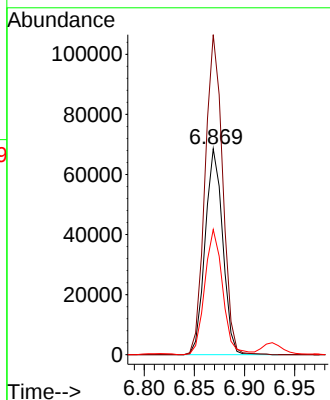
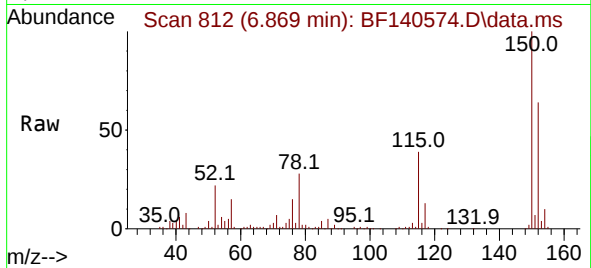




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140574.D
Acq: 22 Nov 2024 13:47

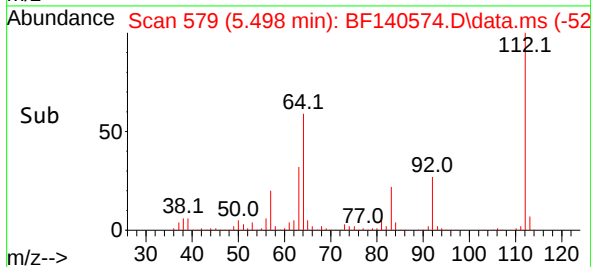
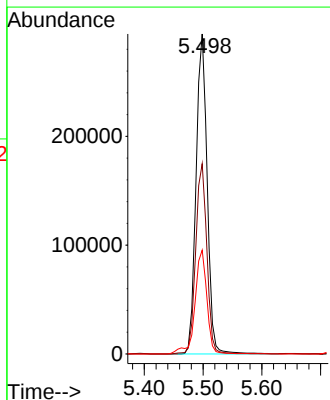
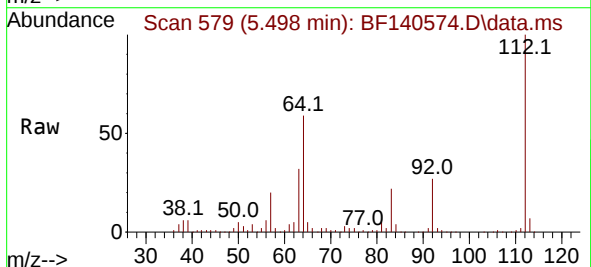
Instrument :
BNA_F
ClientSampleId :
MH-741

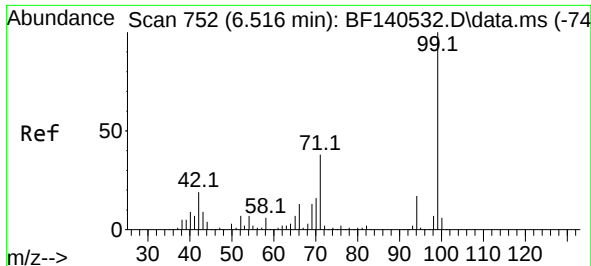
Tgt Ion:152 Resp: 83735
Ion Ratio Lower Upper
152 100
150 155.4 128.5 192.7
115 60.8 50.2 75.4



#5
2-Fluorophenol
Concen: 78.681 ng
RT: 5.498 min Scan# 579
Delta R.T. -0.000 min
Lab File: BF140574.D
Acq: 22 Nov 2024 13:47

Tgt Ion:112 Resp: 386138
Ion Ratio Lower Upper
112 100
64 59.4 49.2 73.8
63 32.5 27.0 40.4





#7

Phenol-d6

Concen: 78.966 ng

RT: 6.504 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF140574.D

Acq: 22 Nov 2024 13:47

Instrument :

BNA_F

ClientSampleId :

MH-741

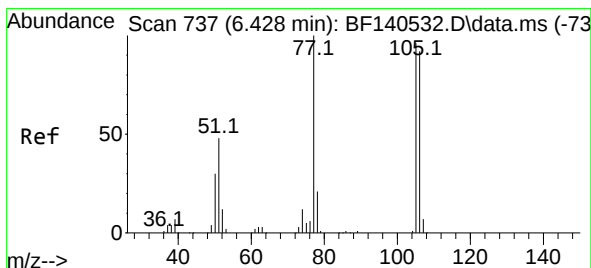
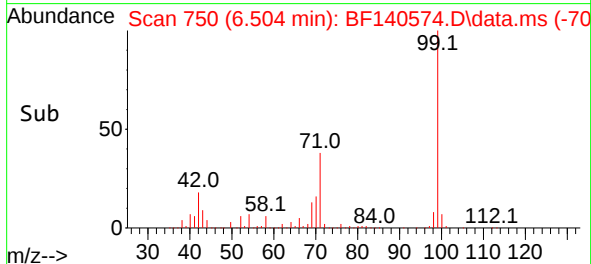
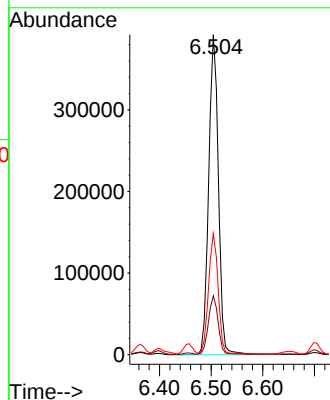
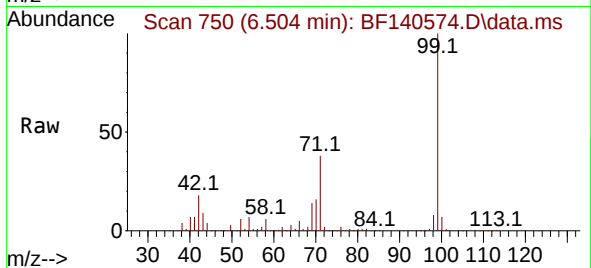
Tgt Ion: 99 Resp: 512334

Ion Ratio Lower Upper

99 100

42 18.4 15.4 23.0

71 37.9 30.6 46.0



#9

Benzaldehyde

Concen: 2.391 ng

RT: 6.428 min Scan# 737

Delta R.T. -0.000 min

Lab File: BF140574.D

Acq: 22 Nov 2024 13:47

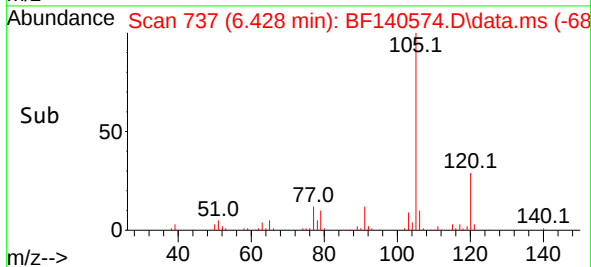
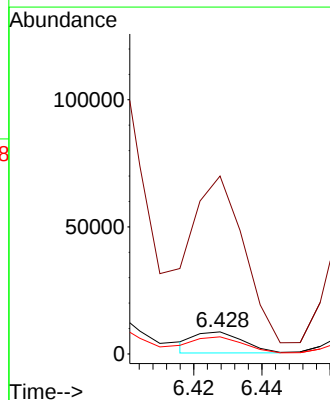
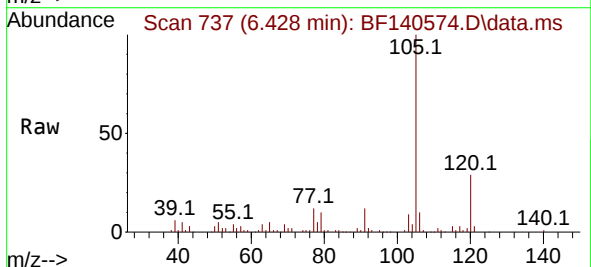
Tgt Ion: 77 Resp: 8214

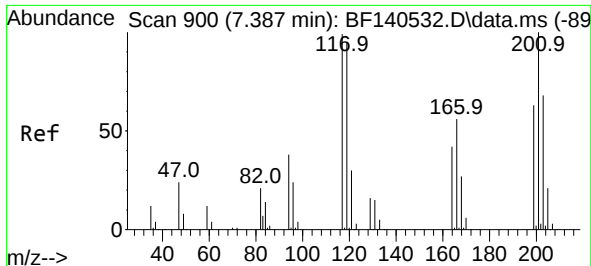
Ion Ratio Lower Upper

77 100

105 806.6 75.6 115.6#

106 77.5 72.0 112.0

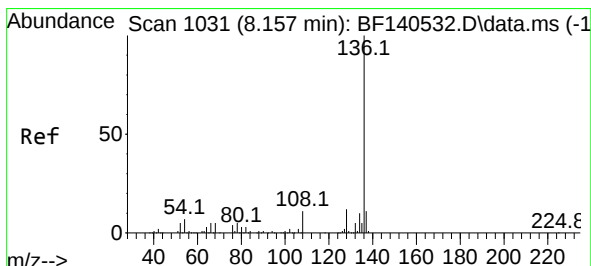
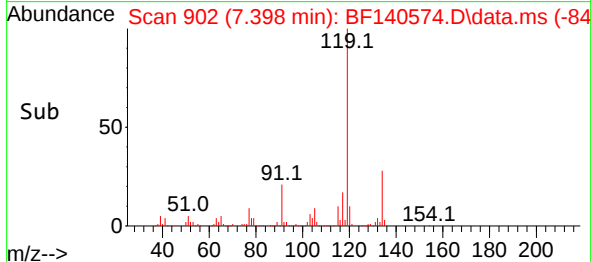
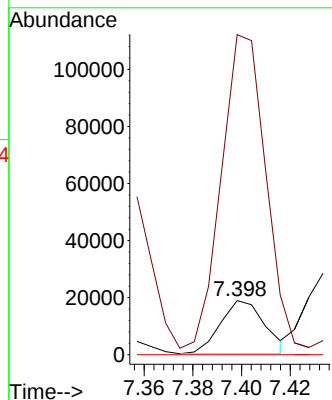
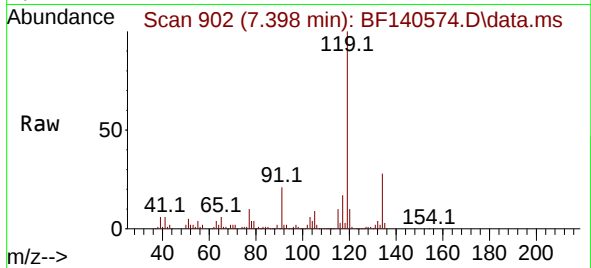




#18
Hexachloroethane
Concen: 10.469 ng
RT: 7.398 min Scan# 90
Delta R.T. 0.012 min
Lab File: BF140574.D
Acq: 22 Nov 2024 13:47

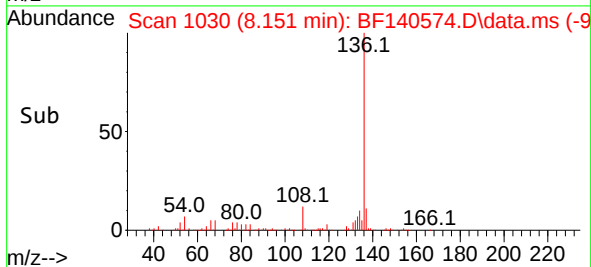
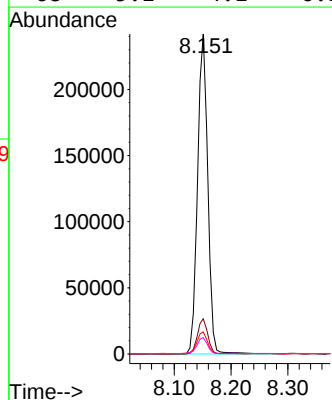
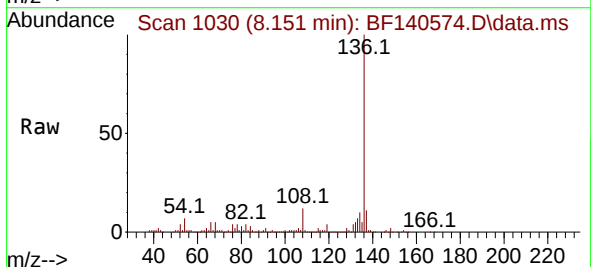
Instrument :
BNA_F
ClientSampleId :
MH-741

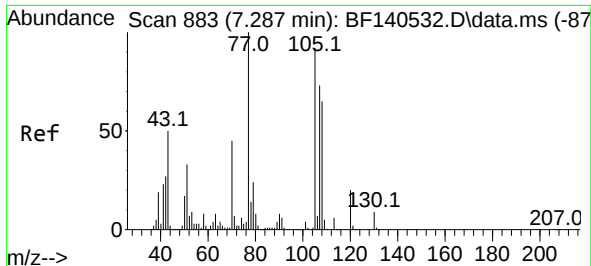
Tgt Ion:117 Resp: 23489
Ion Ratio Lower Upper
117 100
119 592.1 77.1 115.7#
201 0.0 81.1 121.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140574.D
Acq: 22 Nov 2024 13:47

Tgt Ion:136 Resp: 304229
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 6.9 5.8 8.8
68 5.1 4.1 6.1

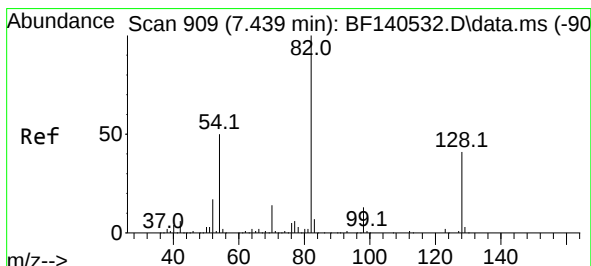
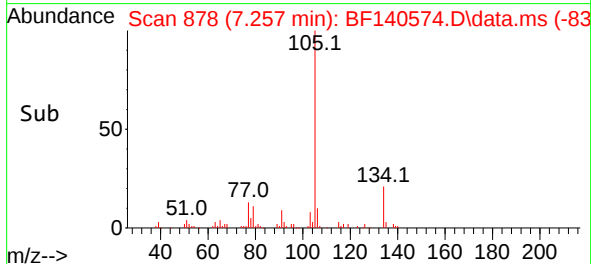
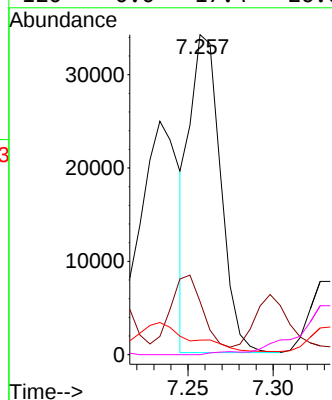
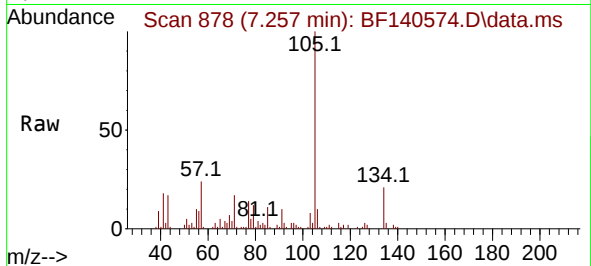




#22
Acetophenone
Concen: 5.771 ng
RT: 7.257 min Scan# 81
Delta R.T. -0.030 min
Lab File: BF140574.D
Acq: 22 Nov 2024 13:47

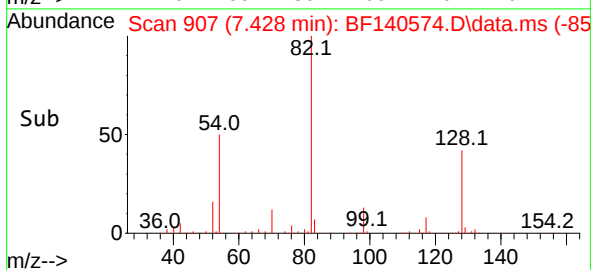
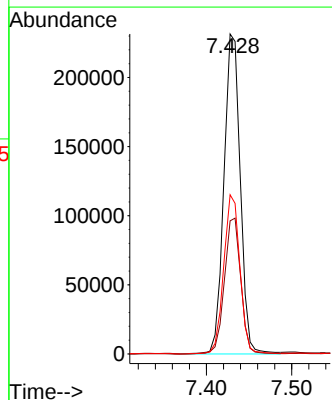
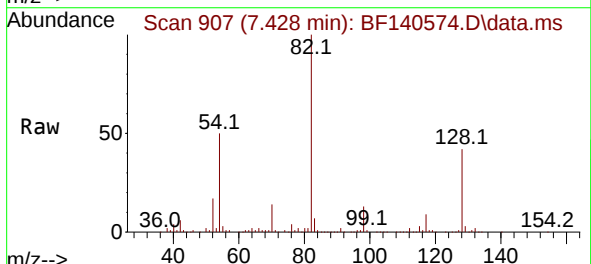
Instrument :
BNA_F
ClientSampleId :
MH-741

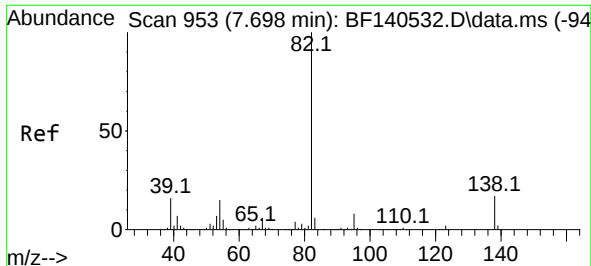
Tgt Ion:105 Resp: 42806
Ion Ratio Lower Upper
105 100
71 16.6 6.2 9.2#
51 4.6 29.0 43.6#
120 0.0 17.4 26.0#



#23
Nitrobenzene-d5
Concen: 51.913 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF140574.D
Acq: 22 Nov 2024 13:47

Tgt Ion: 82 Resp: 308763
Ion Ratio Lower Upper
82 100
128 41.6 33.0 49.4
54 49.7 39.5 59.3

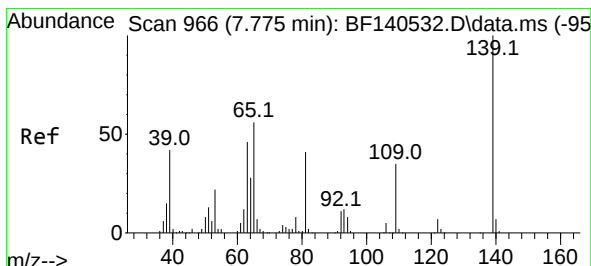
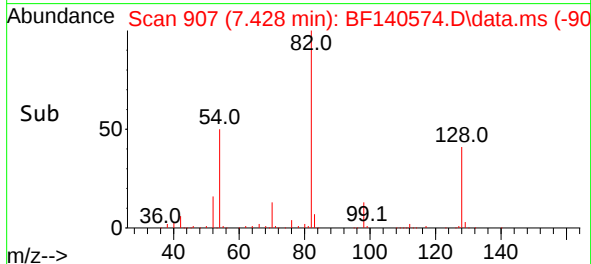
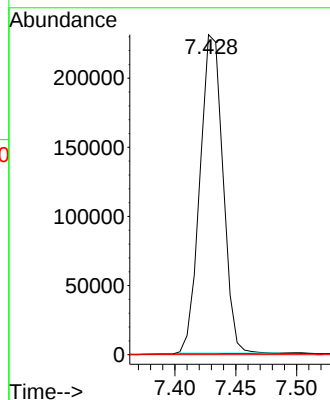
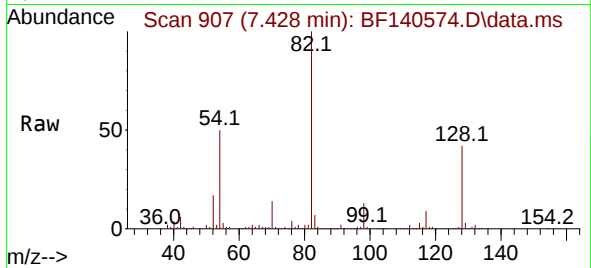




#25
Isophorone
Concen: 30.425 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF140574.D
Acq: 22 Nov 2024 13:47

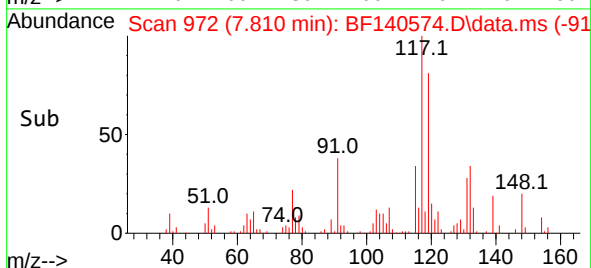
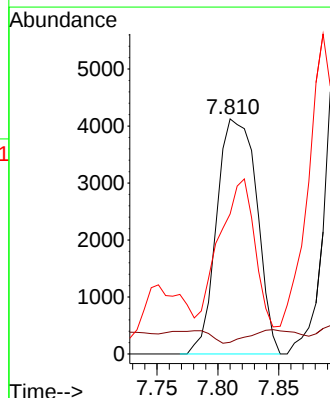
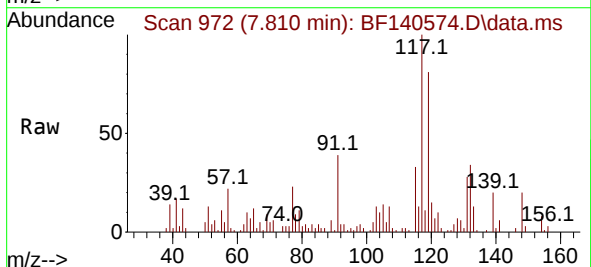
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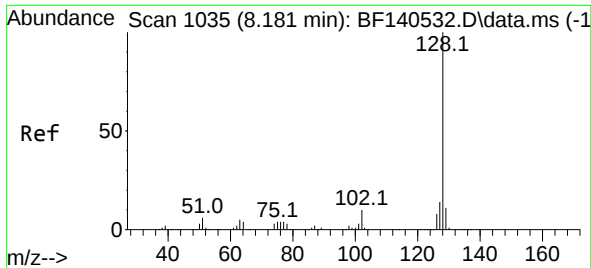
Tgt Ion: 82 Resp: 301825
Ion Ratio Lower Upper
82 100
95 0.2 6.4 9.6#
138 0.0 13.8 20.6#



#26
2-Nitrophenol
Concen: 3.458 ng
RT: 7.810 min Scan# 972
Delta R.T. 0.035 min
Lab File: BF140574.D
Acq: 22 Nov 2024 13:47

Tgt Ion:139 Resp: 9421
Ion Ratio Lower Upper
139 100
109 5.0 28.0 42.0#
65 59.6 44.6 67.0

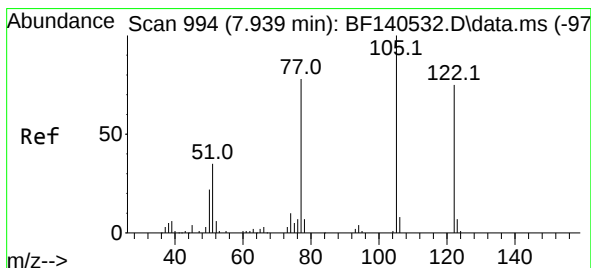
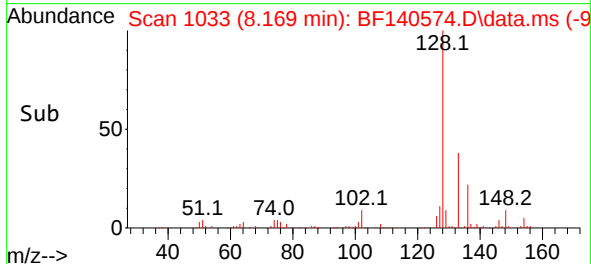
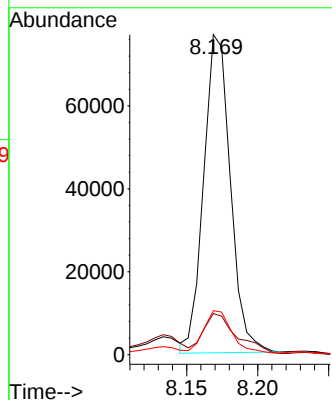
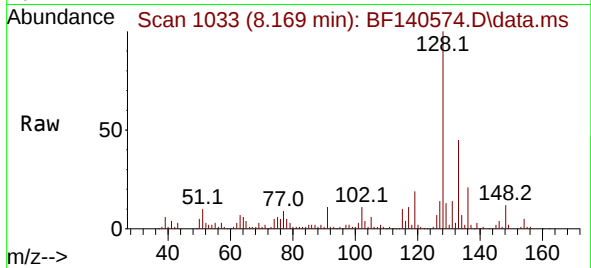




#31
Naphthalene
Concen: 6.411 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF140574.D
Acq: 22 Nov 2024 13:47

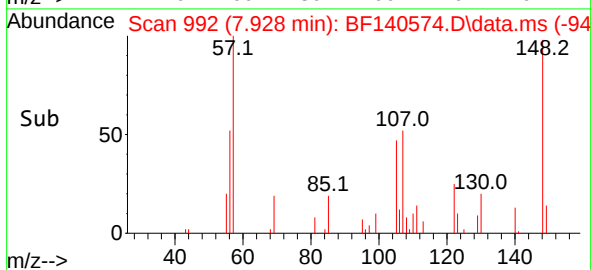
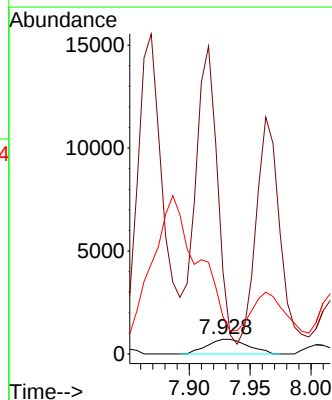
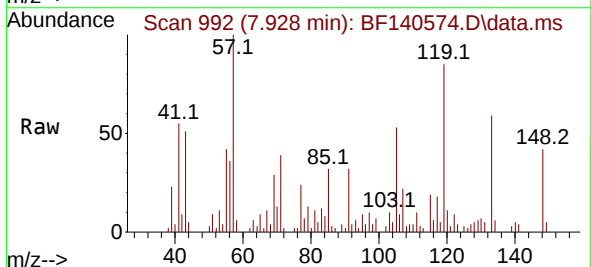
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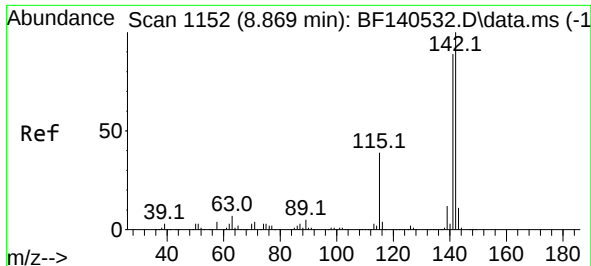
Tgt Ion:128 Resp: 100468
Ion Ratio Lower Upper
128 100
129 12.8 8.6 13.0
127 13.8 10.8 16.2



#32
Benzoic acid
Concen: 7.692 ng
RT: 7.928 min Scan# 992
Delta R.T. -0.011 min
Lab File: BF140574.D
Acq: 22 Nov 2024 13:47

Tgt Ion:122 Resp: 1667
Ion Ratio Lower Upper
122 100
105 564.5 109.3 149.3#
77 255.4 82.3 122.3#





#37

2-Methylnaphthalene

Concen: 10.410 ng

RT: 8.863 min Scan# 1151

Delta R.T. -0.006 min

Lab File: BF140574.D

Acq: 22 Nov 2024 13:47

Instrument :

BNA_F

ClientSampleId :

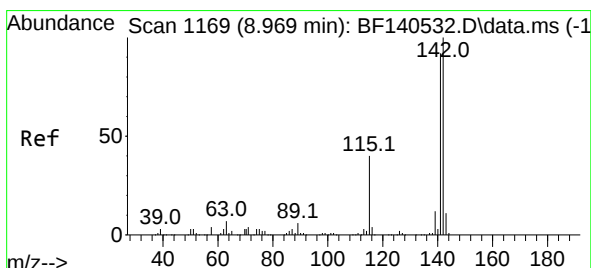
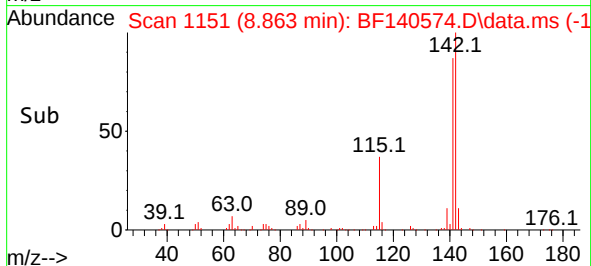
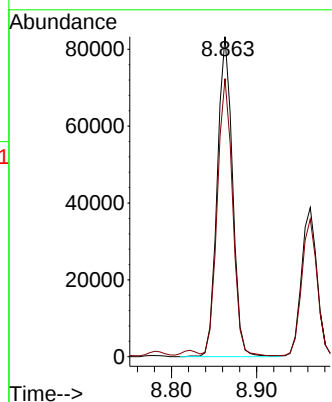
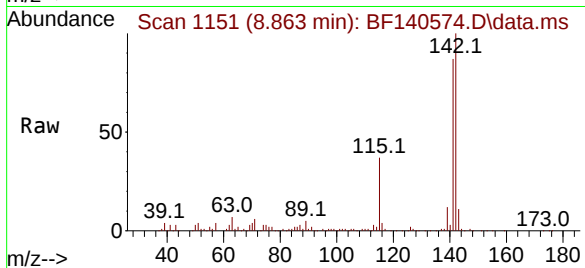
MH-741

Tgt Ion:142 Resp: 103610

Ion Ratio Lower Upper

142 100

141 86.9 71.0 106.6



#38

1-Methylnaphthalene

Concen: 5.100 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF140574.D

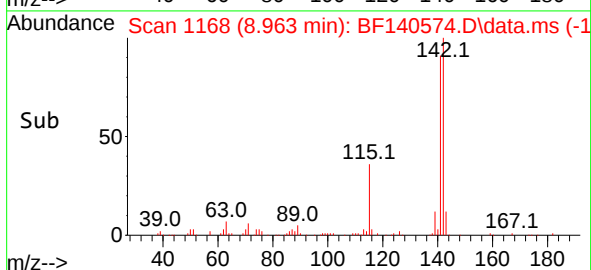
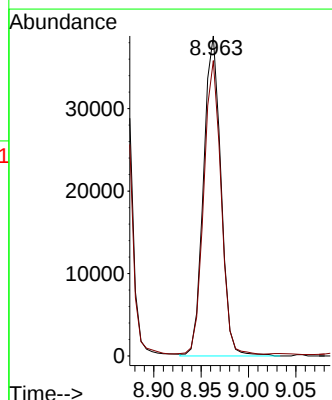
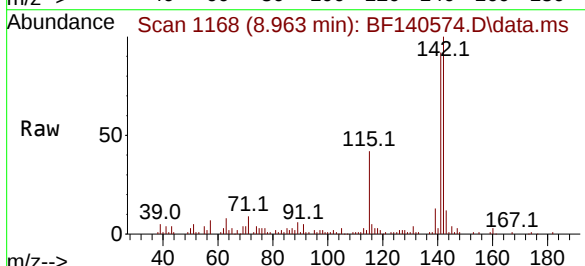
Acq: 22 Nov 2024 13:47

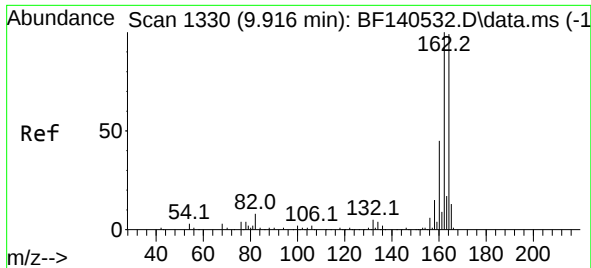
Tgt Ion:142 Resp: 49760

Ion Ratio Lower Upper

142 100

141 92.3 73.3 109.9

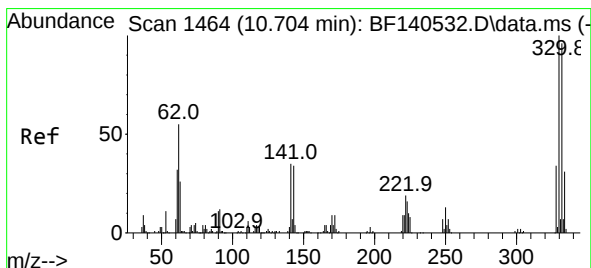
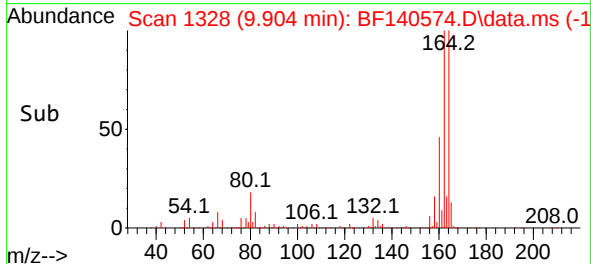
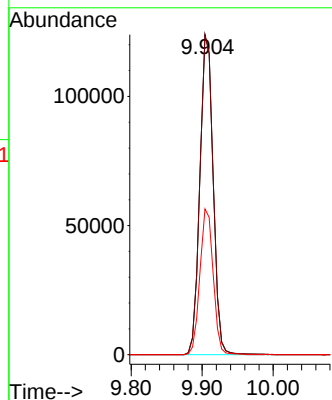
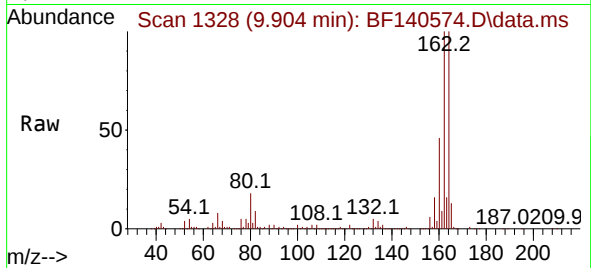




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF140574.D
Acq: 22 Nov 2024 13:47

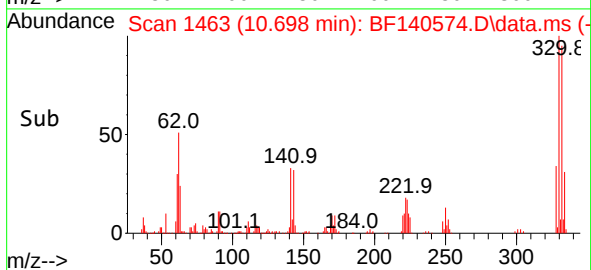
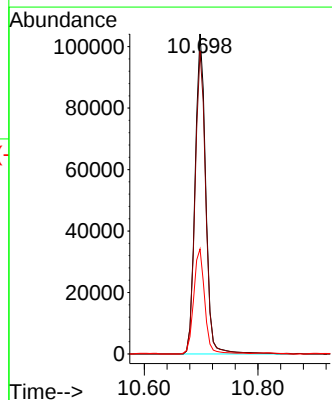
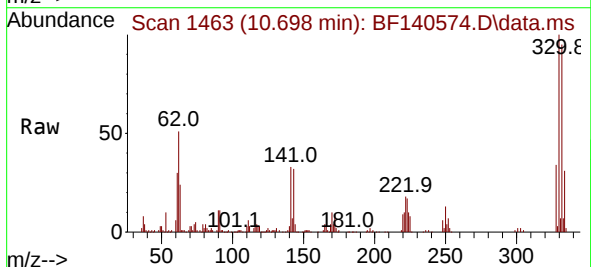
Instrument :
BNA_F
ClientSampleId :
MH-741

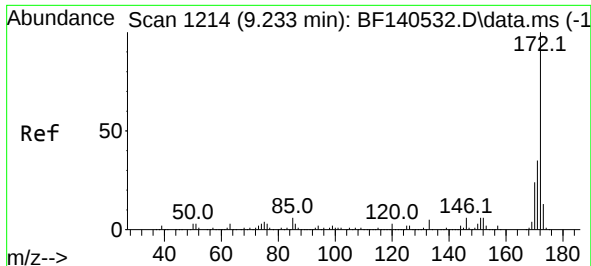
Tgt Ion:164 Resp: 161093
Ion Ratio Lower Upper
164 100
162 99.9 80.6 120.8
160 45.6 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 78.760 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140574.D
Acq: 22 Nov 2024 13:47

Tgt Ion:330 Resp: 135695
Ion Ratio Lower Upper
330 100
332 95.4 76.9 115.3
141 34.2 26.7 40.1





#45

2-Fluorobiphenyl

Concen: 52.318 ng

RT: 9.222 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF140574.D

Acq: 22 Nov 2024 13:47

Instrument :

BNA_F

ClientSampleId :

MH-741

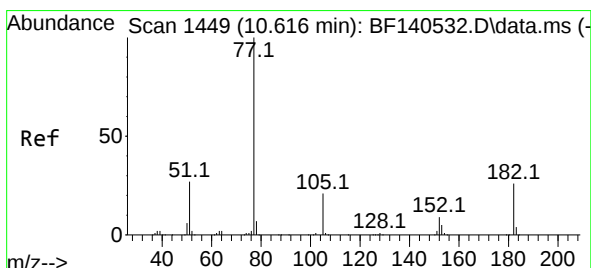
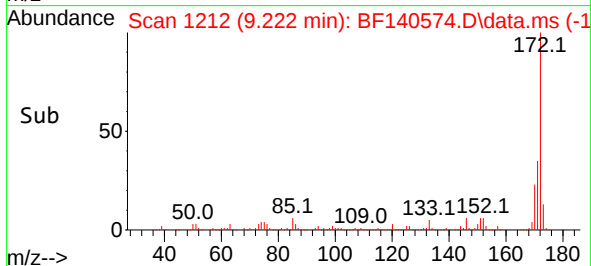
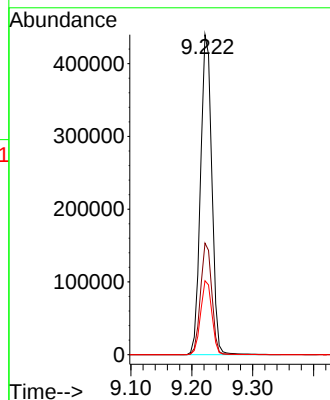
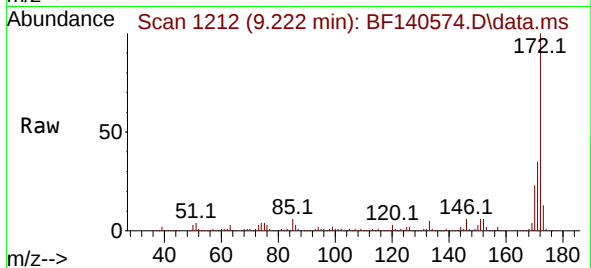
Tgt Ion:172 Resp: 565661

Ion Ratio Lower Upper

172 100

171 34.9 28.4 42.6

170 23.1 19.0 28.6



#63

Azobenzene

Concen: 2.991 ng

RT: 10.622 min Scan# 1450

Delta R.T. 0.006 min

Lab File: BF140574.D

Acq: 22 Nov 2024 13:47

Tgt Ion: 77 Resp: 30530

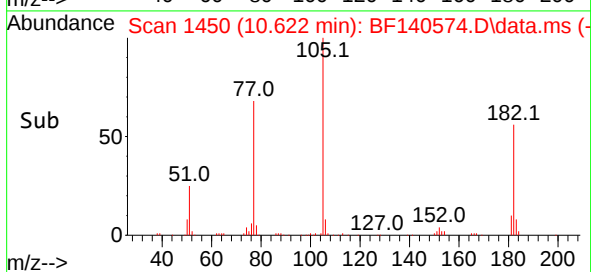
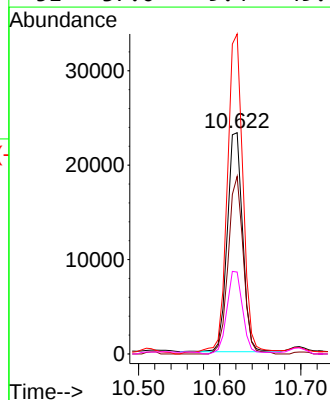
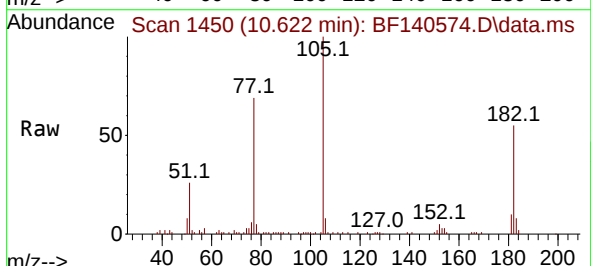
Ion Ratio Lower Upper

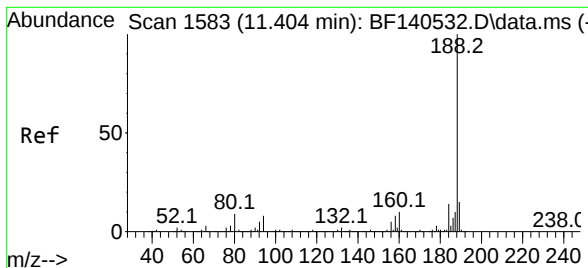
77 100

182 80.2 5.3 45.3#

105 144.6 0.3 40.3#

51 37.0 9.4 49.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140574.D

Acq: 22 Nov 2024 13:47

Instrument :

BNA_F

ClientSampleId :

MH-741

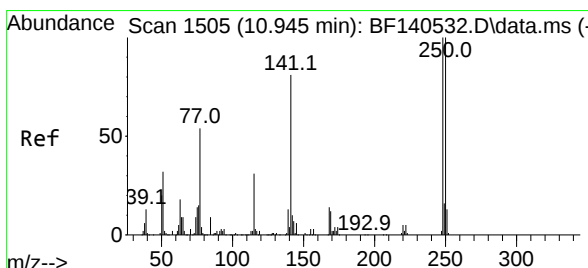
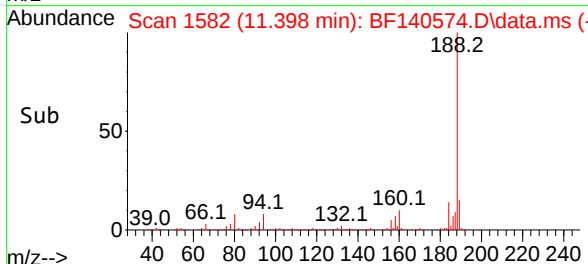
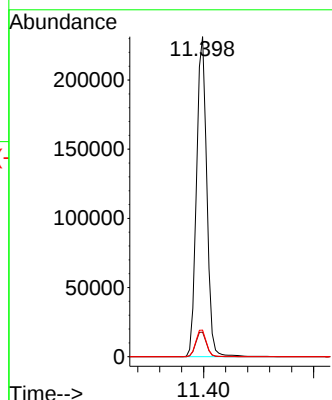
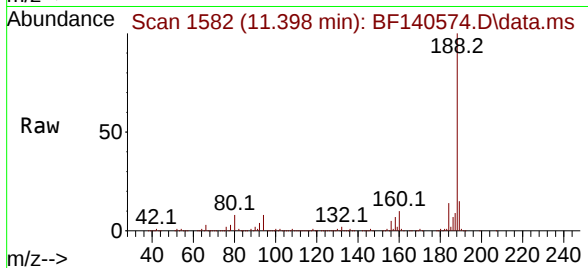
Tgt Ion:188 Resp: 299752

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: 2.726 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF140574.D

Acq: 22 Nov 2024 13:47

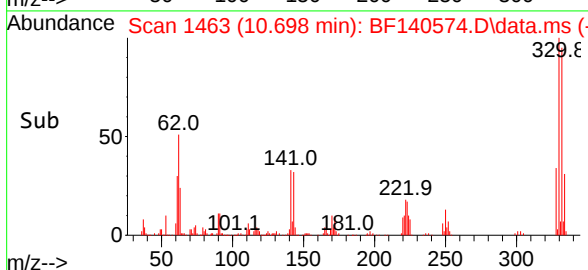
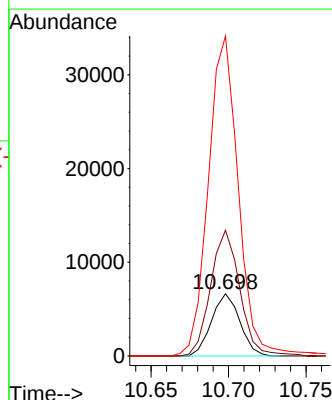
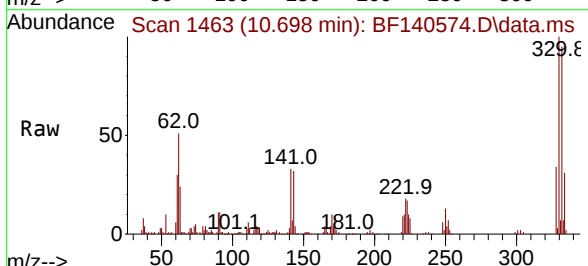
Tgt Ion:248 Resp: 8414

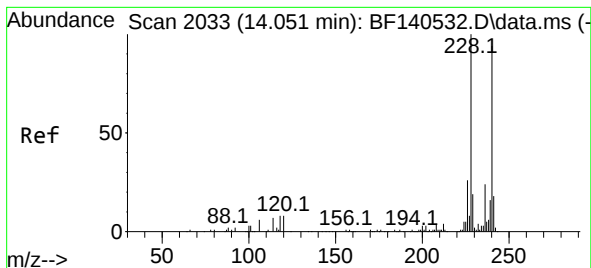
Ion Ratio Lower Upper

248 100

250 202.3 79.8 119.8#

141 514.6 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: BF140574.D

Acq: 22 Nov 2024 13:47

Instrument :

BNA_F

ClientSampleId :

MH-741

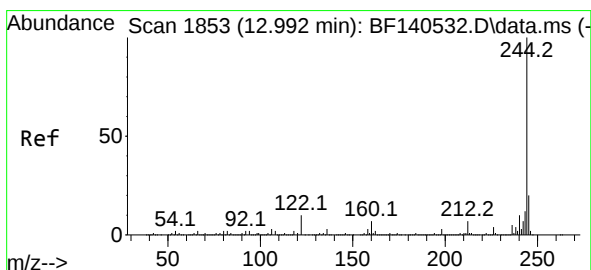
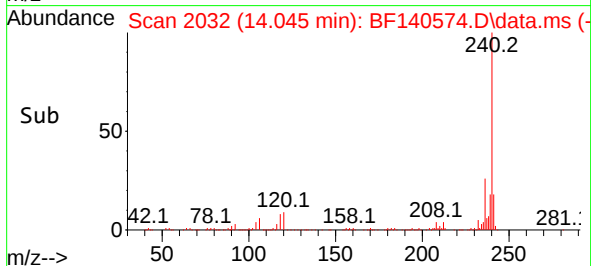
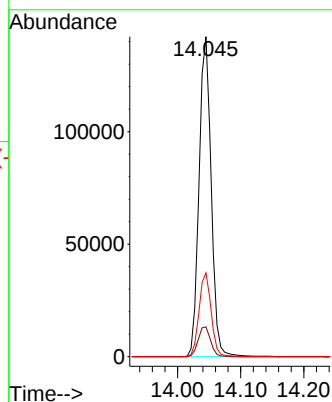
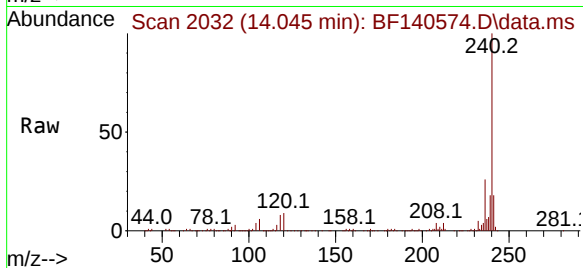
Tgt Ion:240 Resp: 189138

Ion Ratio Lower Upper

240 100

120 9.3 7.3 10.9

236 26.2 20.6 31.0



#79

Terphenyl-d14

Concen: 52.978 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.012 min

Lab File: BF140574.D

Acq: 22 Nov 2024 13:47

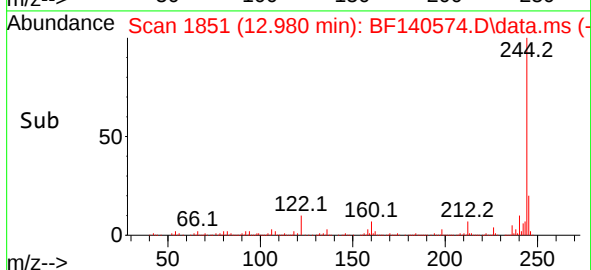
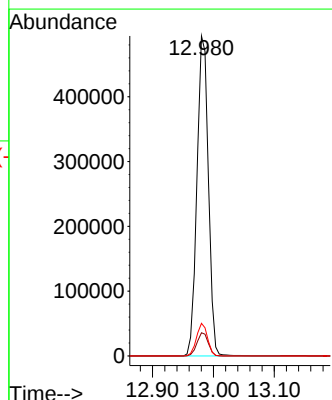
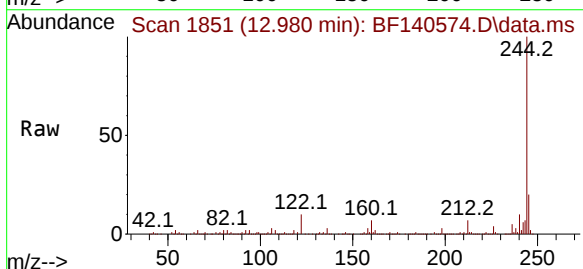
Tgt Ion:244 Resp: 643506

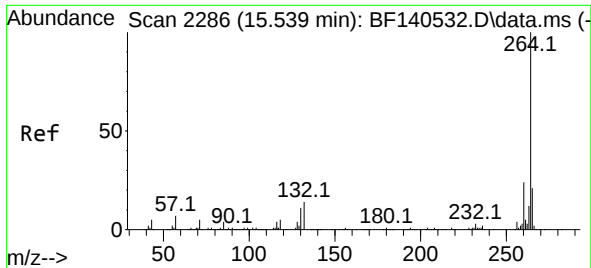
Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 10.2 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: BF140574.D
 Acq: 22 Nov 2024 13:47

Instrument :
 BNA_F
 ClientSampleId :
 MH-741

Tgt Ion:264 Resp: 166071
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.6
 265 21.2 16.6 25.0

