

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
 Data File : BF140507.D
 Acq On : 20 Nov 2024 18:43
 Operator : RC/JU
 Sample : P4893-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-762

Quant Time: Nov 21 00:07:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

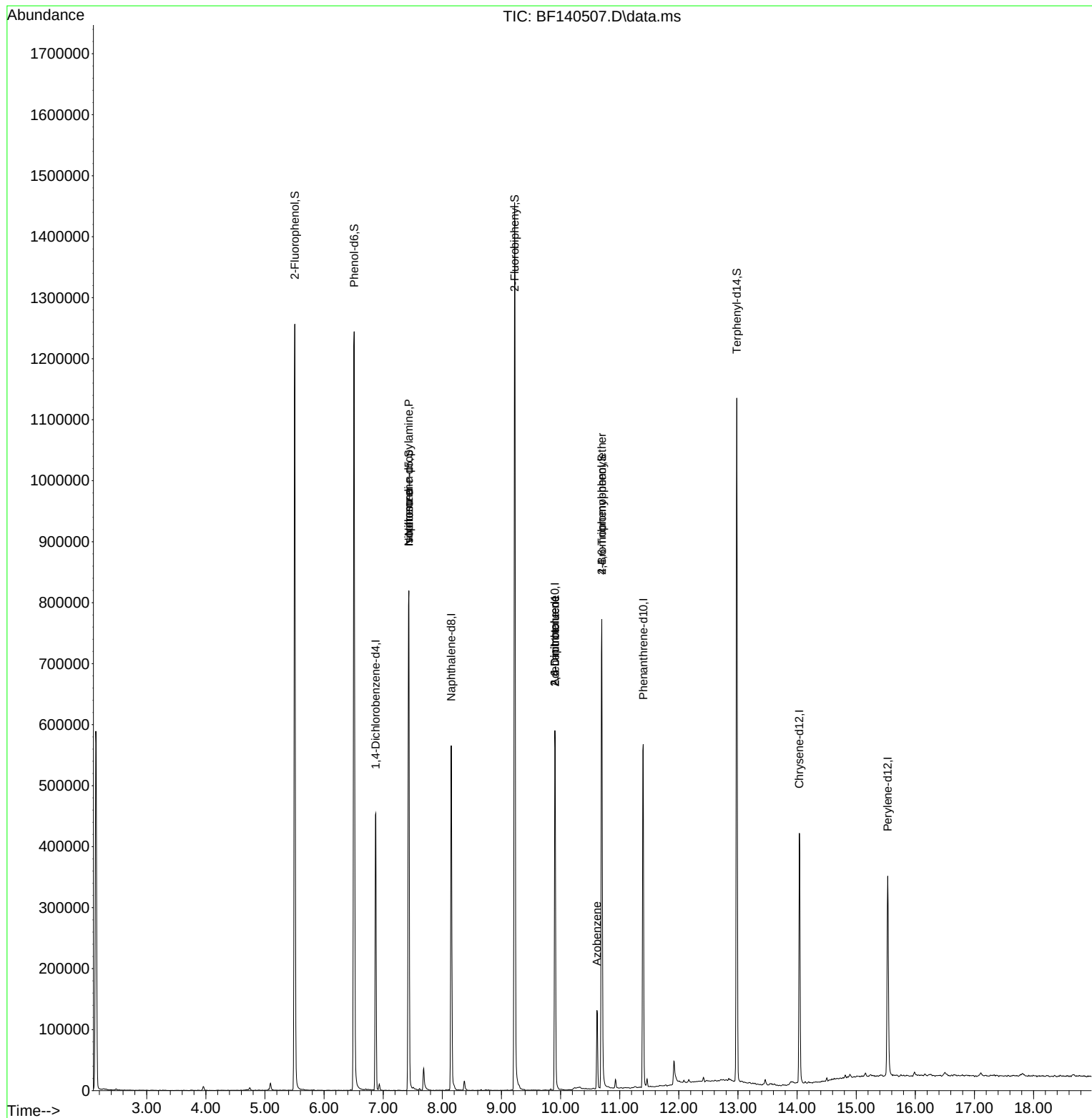
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	100112	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	364052	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	187678	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	315574	20.000	ng	0.00
76) Chrysene-d12	14.039	240	202306	20.000	ng	-0.01
86) Perylene-d12	15.533	264	204013	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	474189	80.872	ng	0.01
7) Phenol-d6	6.510	99	614848	77.397	ng	0.00
23) Nitrobenzene-d5	7.434	82	392498	56.174	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	137727	73.796	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	680255	58.267	ng	-0.01
79) Terphenyl-d14	12.980	244	546390	46.880	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	51156	10.662	ng	# 76
25) Isophorone	7.434	82	392123	31.665	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	24508	8.788	ng	# 22
57) 2,4-Dinitrotoluene	9.904	165	24508	6.677	ng	# 20
63) Azobenzene	10.616	77	34775	2.814	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	8571	2.717	ng	# 1

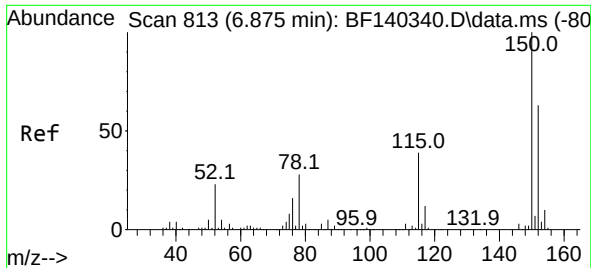
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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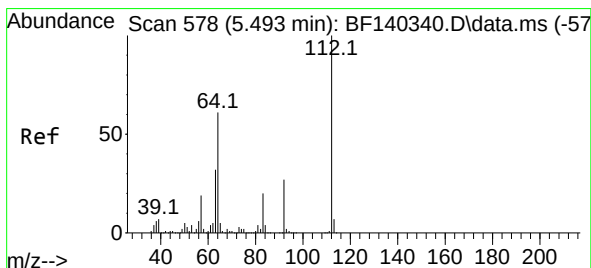
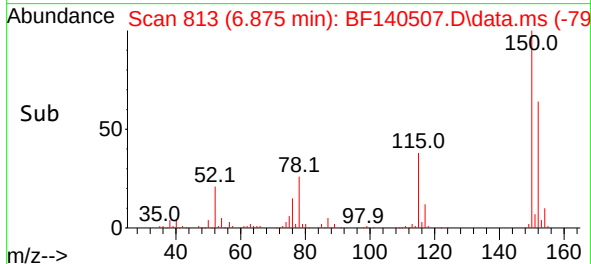
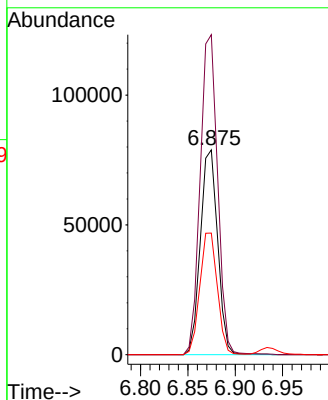
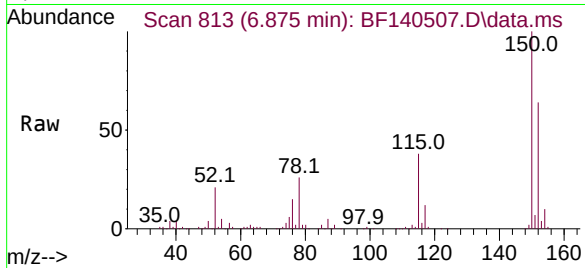




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140507.D
Acq: 20 Nov 2024 18:43

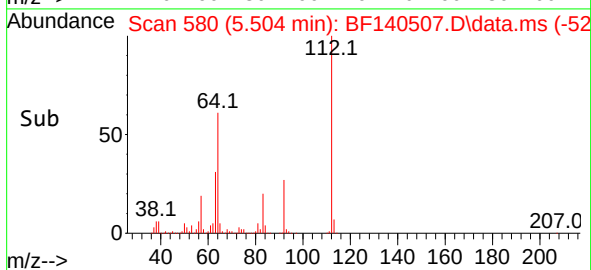
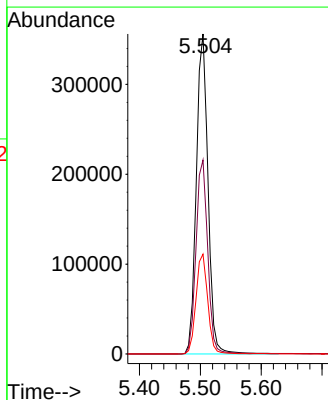
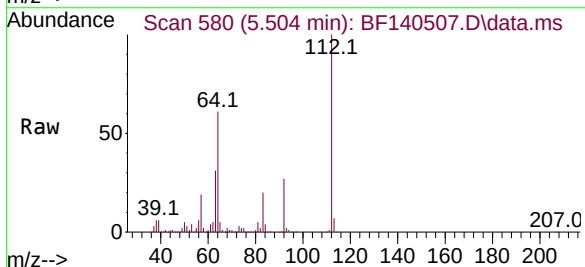
Instrument :
BNA_F
ClientSampleId :
MH-762

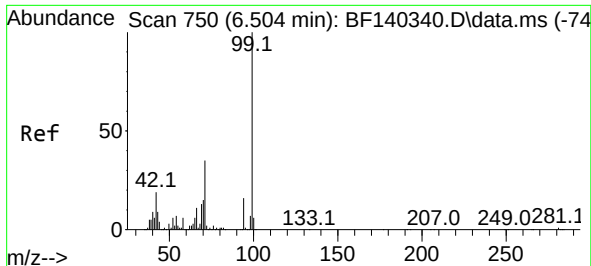
Tgt Ion:152 Resp: 100112
Ion Ratio Lower Upper
152 100
150 156.3 127.4 191.0
115 59.4 47.4 71.2



#5
2-Fluorophenol
Concen: 80.872 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF140507.D
Acq: 20 Nov 2024 18:43

Tgt Ion:112 Resp: 474189
Ion Ratio Lower Upper
112 100
64 60.6 49.2 73.8
63 31.2 25.6 38.4

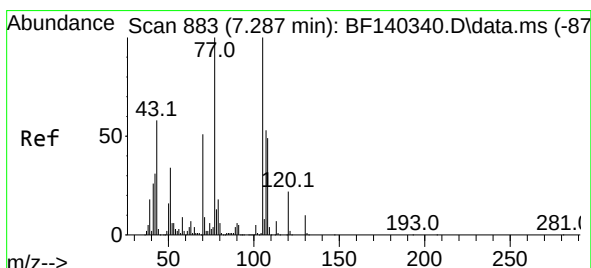
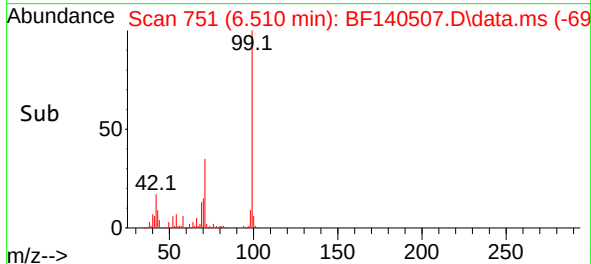
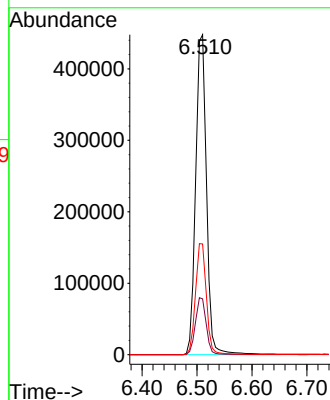
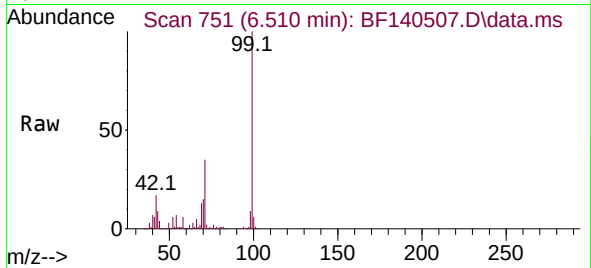




#7
Phenol-d6
Concen: 77.397 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140507.D
Acq: 20 Nov 2024 18:43

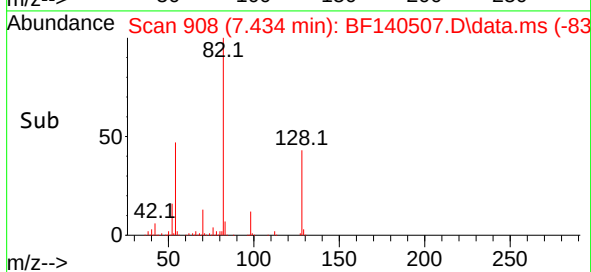
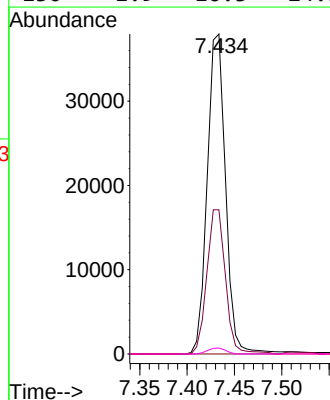
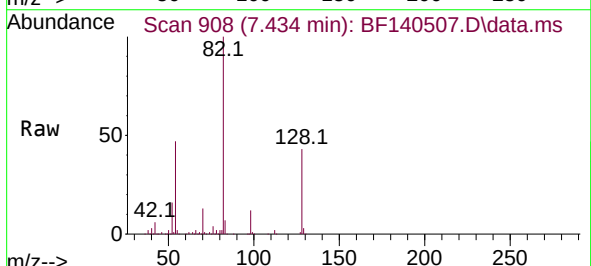
Instrument :
BNA_F
ClientSampleId :
MH-762

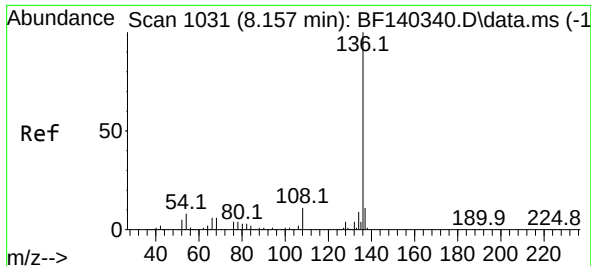
Tgt Ion: 99 Resp: 614848
Ion Ratio Lower Upper
99 100
42 17.5 15.1 22.7
71 34.6 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 10.662 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140507.D
Acq: 20 Nov 2024 18:43

Tgt Ion: 70 Resp: 51156
Ion Ratio Lower Upper
70 100
42 45.1 46.8 70.2#
101 0.0 7.5 11.3#
130 1.9 16.3 24.5#

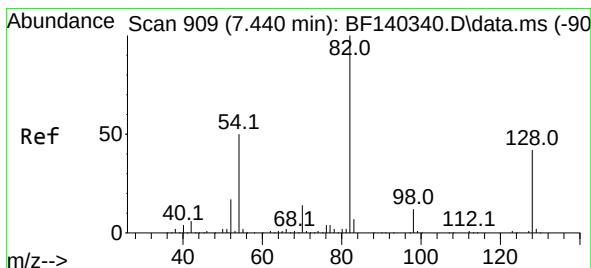
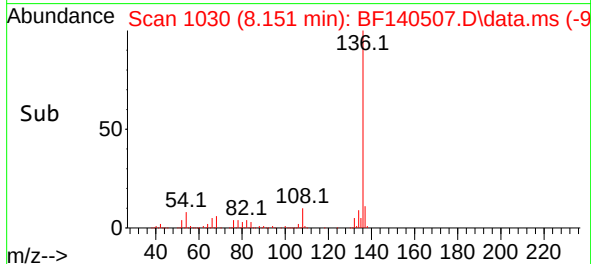
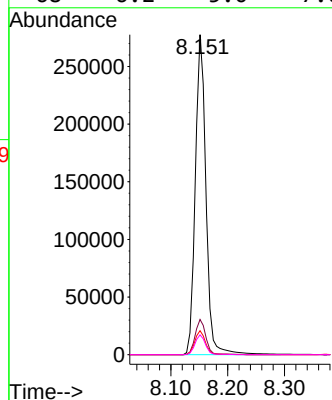
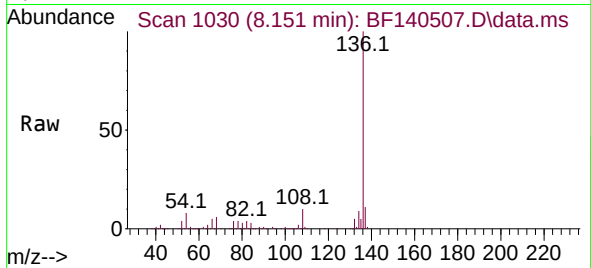




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140507.D
Acq: 20 Nov 2024 18:43

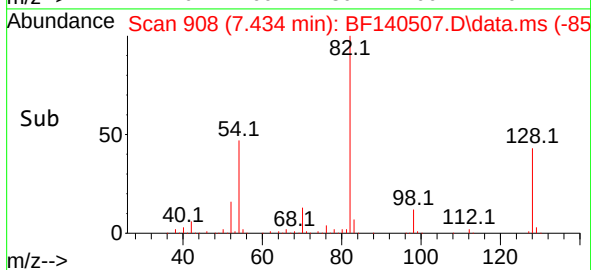
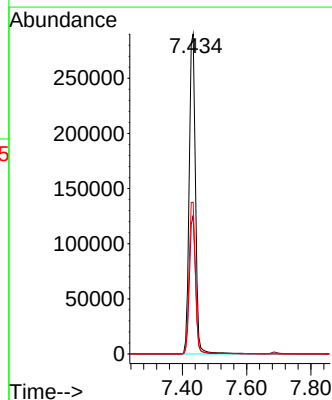
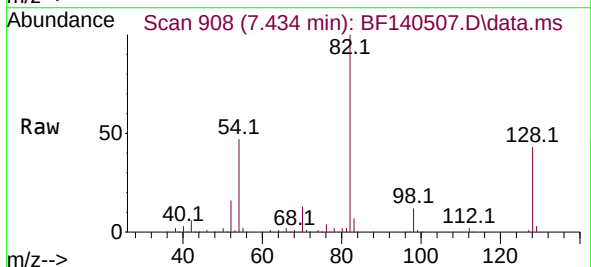
Instrument :
BNA_F
ClientSampleId :
MH-762

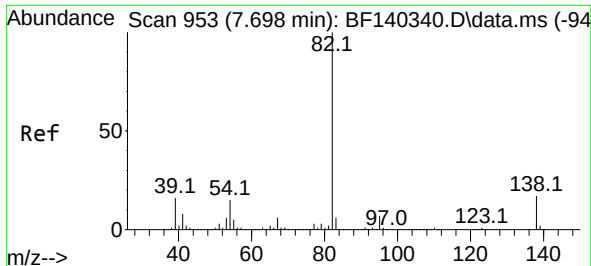
Tgt Ion:136 Resp: 364052
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 7.5 6.5 9.7
68 6.2 5.0 7.6



#23
Nitrobenzene-d5
Concen: 56.174 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140507.D
Acq: 20 Nov 2024 18:43

Tgt Ion: 82 Resp: 392498
Ion Ratio Lower Upper
82 100
128 43.2 33.3 49.9
54 47.4 39.8 59.8

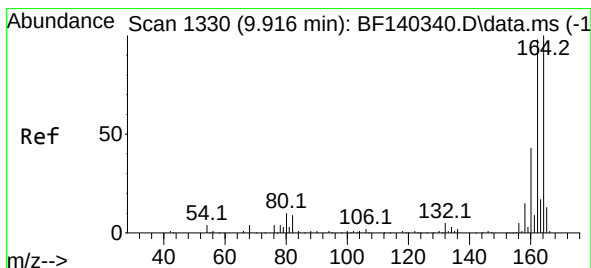
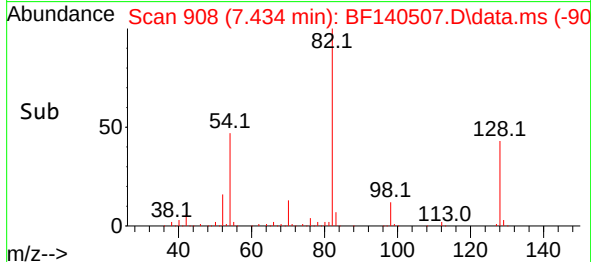
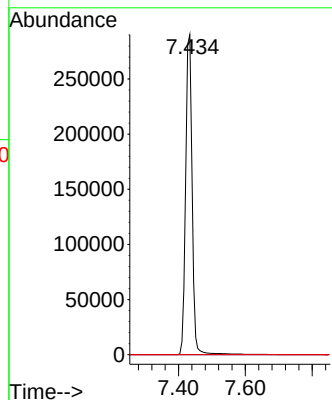
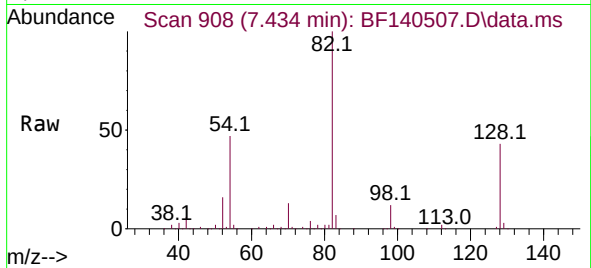




#25
Isophorone
Concen: 31.665 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140507.D
Acq: 20 Nov 2024 18:43

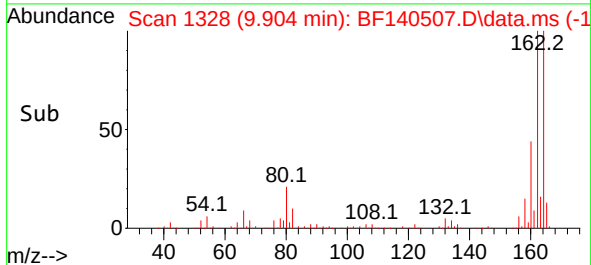
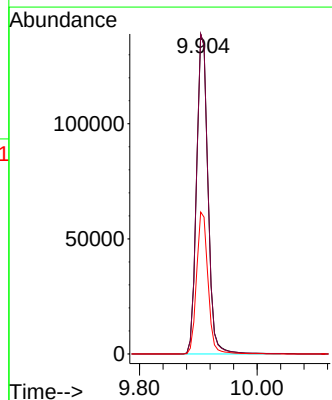
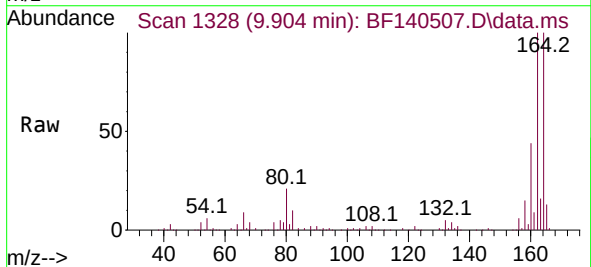
Instrument :
BNA_F
ClientSampleId :
MH-762

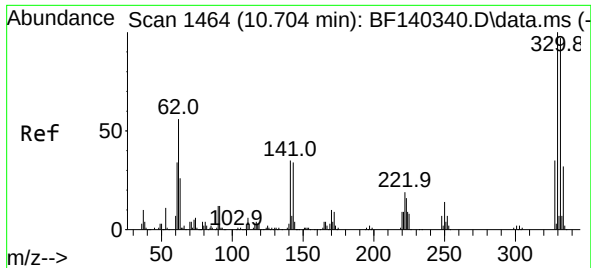
Tgt Ion: 82 Resp: 392123
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140507.D
Acq: 20 Nov 2024 18:43

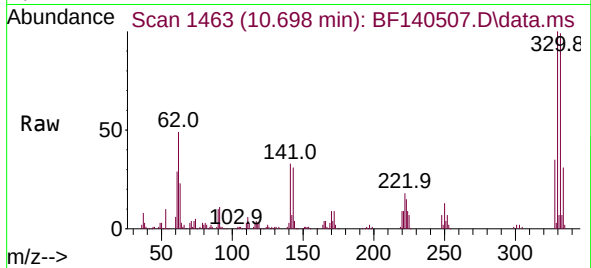
Tgt Ion:164 Resp: 187678
Ion Ratio Lower Upper
164 100
162 100.1 79.8 119.8
160 44.4 35.4 53.0



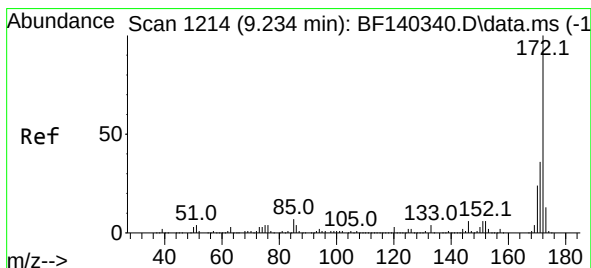
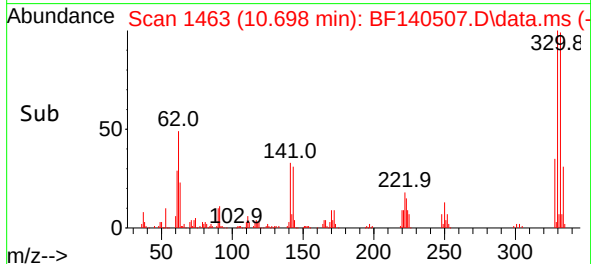
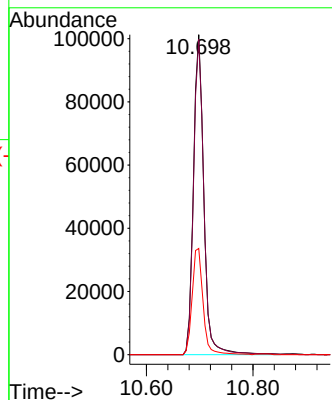


#42
2,4,6-Tribromophenol
Concen: 73.796 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140507.D
Acq: 20 Nov 2024 18:43

Instrument :
BNA_F
ClientSampleId :
MH-762

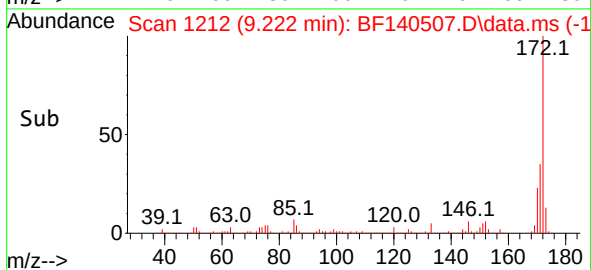
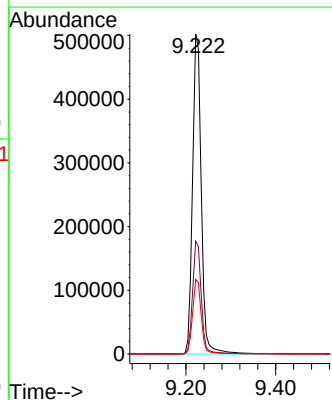
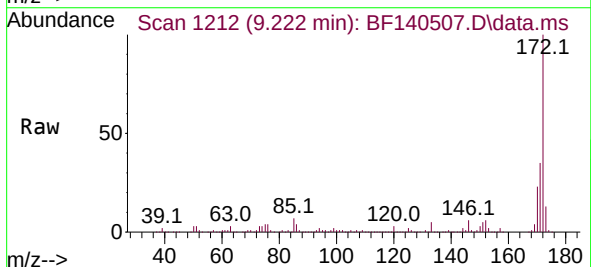


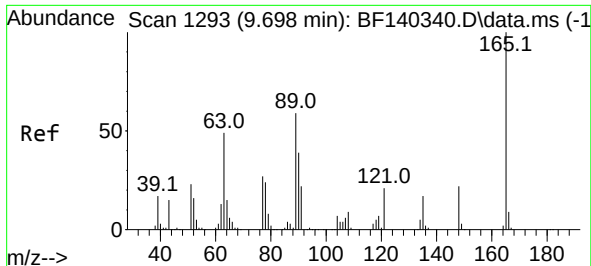
Tgt Ion: 330 Resp: 137727
Ion Ratio Lower Upper
330 100
332 98.5 75.9 113.9
141 34.8 26.9 40.3



#45
2-Fluorobiphenyl
Concen: 58.267 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF140507.D
Acq: 20 Nov 2024 18:43

Tgt Ion: 172 Resp: 680255
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 23.3 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.788 ng

RT: 9.904 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF140507.D

Acq: 20 Nov 2024 18:43

Instrument :

BNA_F

ClientSampleId :

MH-762

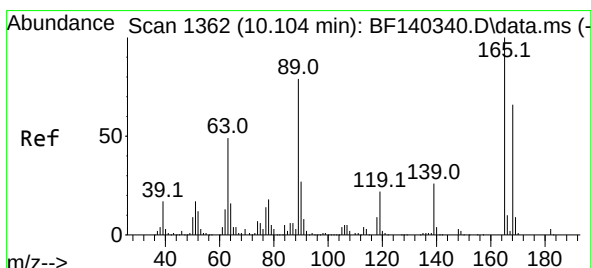
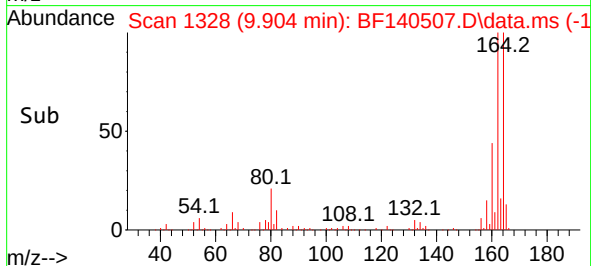
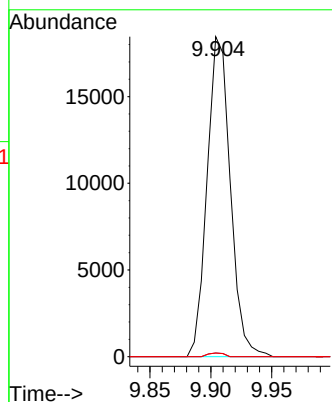
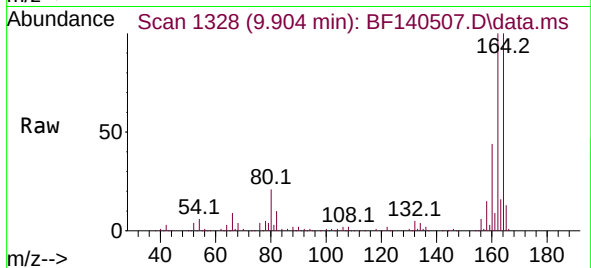
Tgt Ion:165 Resp: 24508

Ion Ratio Lower Upper

165 100

63 1.2 47.6 71.4#

89 1.1 48.1 72.1#



#57

2,4-Dinitrotoluene

Concen: 6.677 ng

RT: 9.904 min Scan# 1328

Delta R.T. -0.200 min

Lab File: BF140507.D

Acq: 20 Nov 2024 18:43

Tgt Ion:165 Resp: 24508

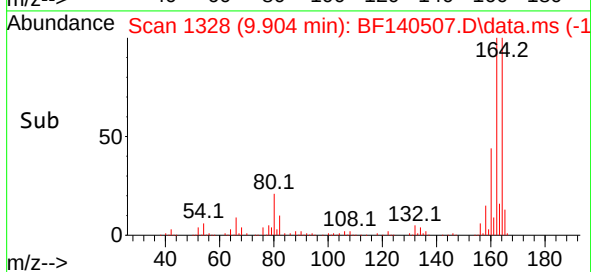
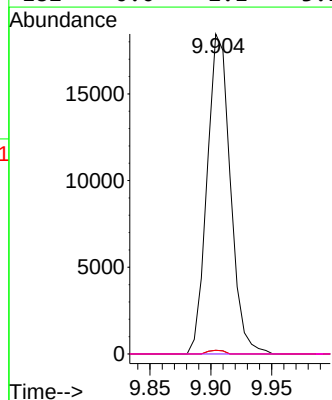
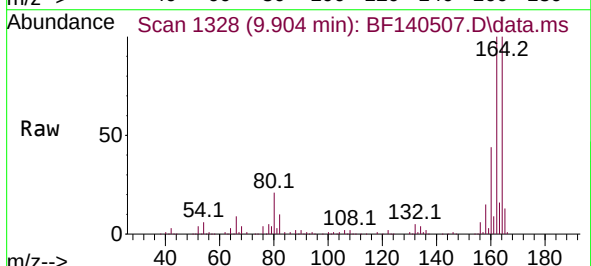
Ion Ratio Lower Upper

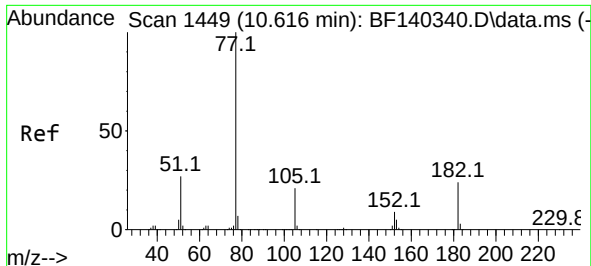
165 100

63 1.2 39.4 59.0#

89 1.1 62.4 93.6#

182 0.0 2.1 3.1#

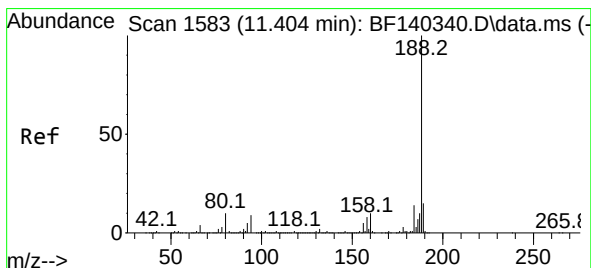
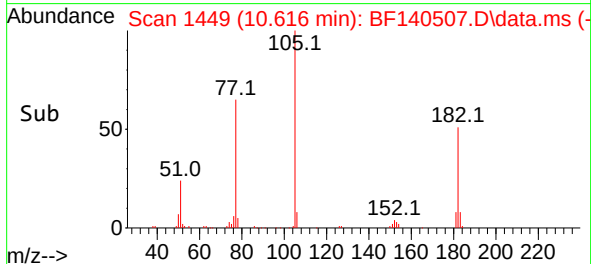
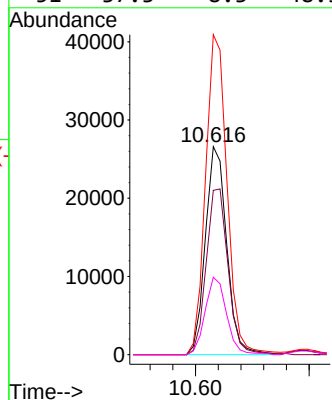
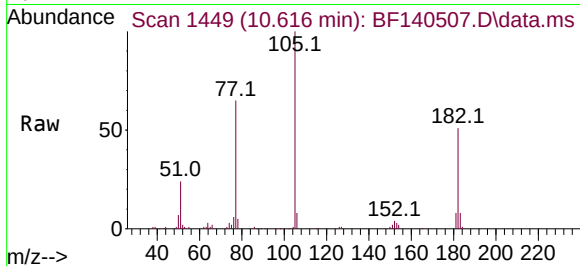




#63
Azobenzene
Concen: 2.814 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF140507.D
Acq: 20 Nov 2024 18:43

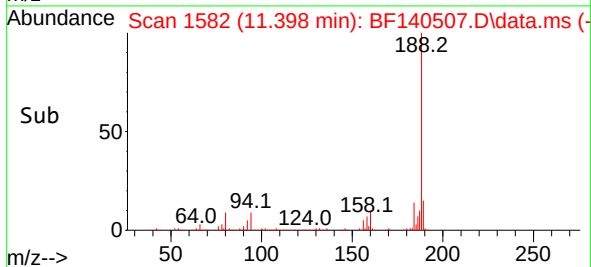
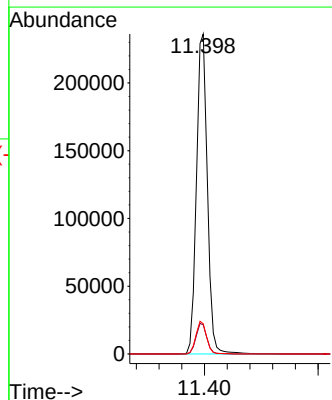
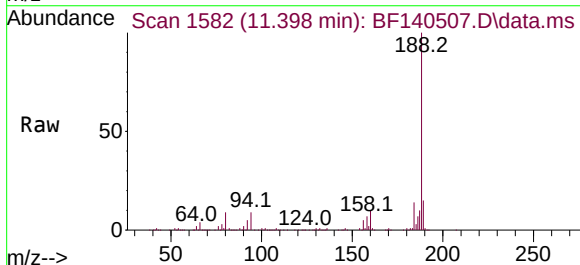
Instrument :
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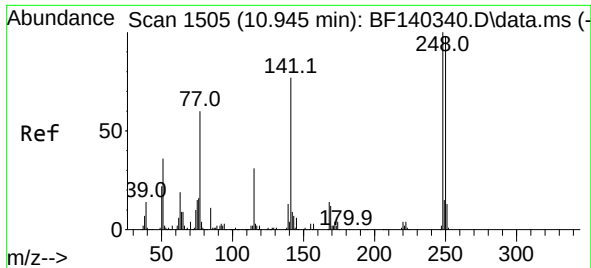
Tgt Ion: 77	Resp: 34775
Ion Ratio	Lower Upper
77 100	
182 79.0	4.6 44.6#
105 153.9	0.9 40.9#
51 37.3	8.3 48.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140507.D
Acq: 20 Nov 2024 18:43

Tgt Ion: 188	Resp: 315574
Ion Ratio	Lower Upper
188 100	
94 9.1	7.6 11.4
80 9.4	8.0 12.0

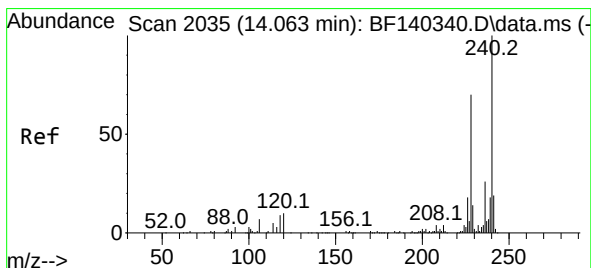
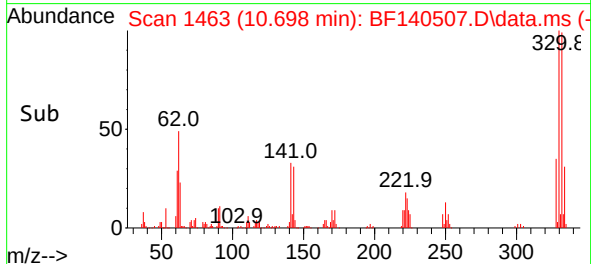
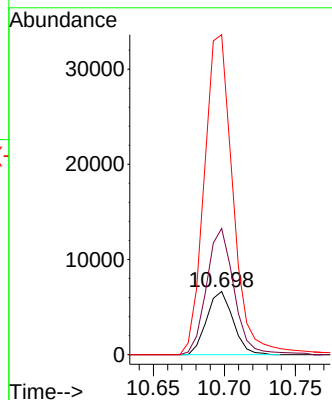
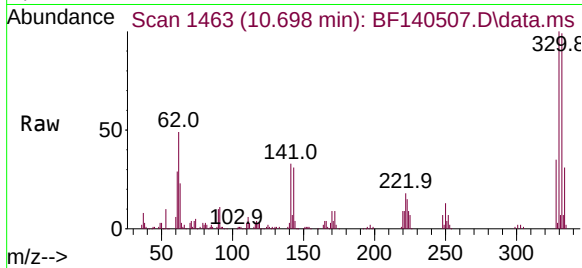




#67
4-Bromophenyl-phenylether
Concen: 2.717 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140507.D
Acq: 20 Nov 2024 18:43

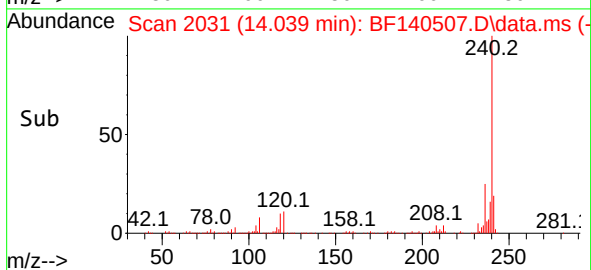
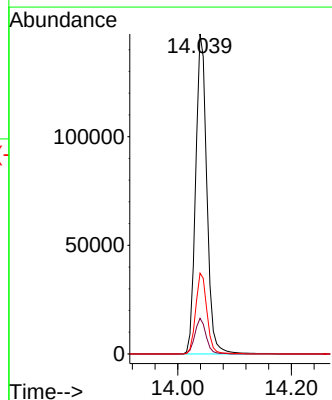
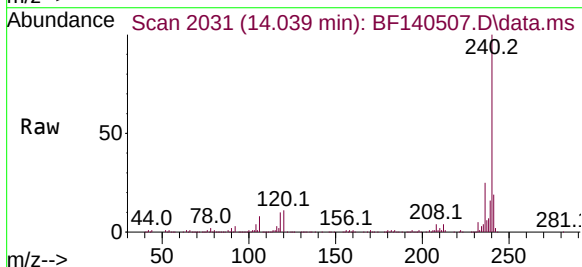
Instrument :
BNA_F
ClientSampleId :
MH-762

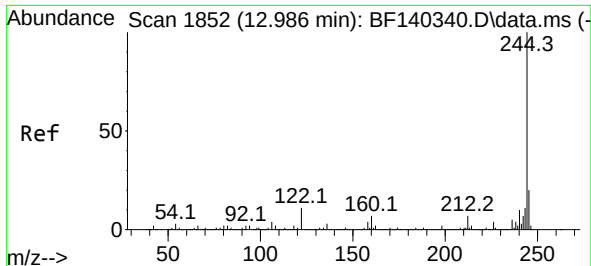
Tgt Ion:248 Resp: 8571
Ion Ratio Lower Upper
248 100
250 199.7 77.9 116.9#
141 506.3 61.8 92.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF140507.D
Acq: 20 Nov 2024 18:43

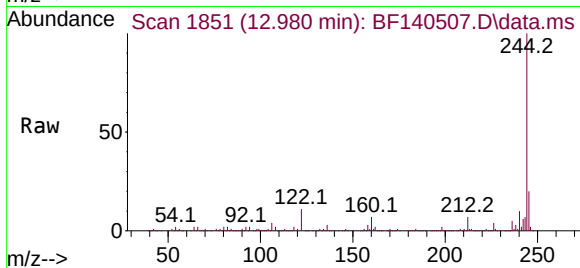
Tgt Ion:240 Resp: 202306
Ion Ratio Lower Upper
240 100
120 11.1 8.8 13.2
236 25.3 20.9 31.3



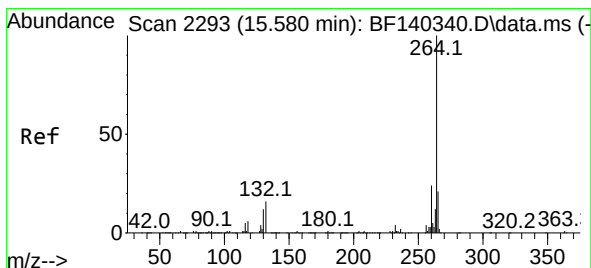
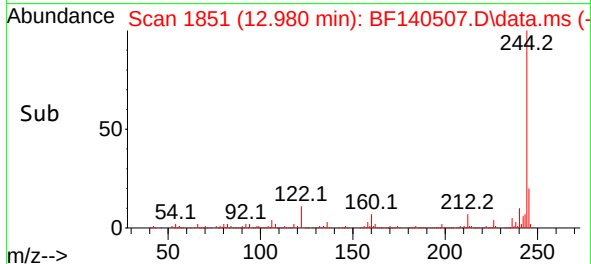
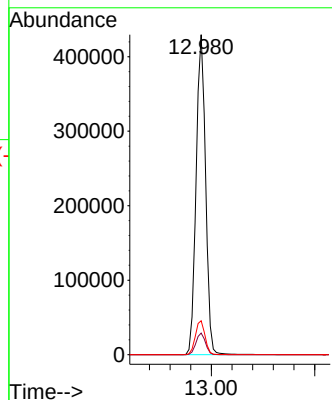


#79
Terphenyl-d14
Concen: 46.880 ng
RT: 12.980 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140507.D
Acq: 20 Nov 2024 18:43

Instrument :
BNA_F
ClientSampleId :
MH-762



Tgt Ion:244 Resp: 546390
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.8
122 10.6 8.8 13.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2285
Delta R.T. -0.024 min
Lab File: BF140507.D
Acq: 20 Nov 2024 18:43

Tgt Ion:264 Resp: 204013
Ion Ratio Lower Upper
264 100
260 23.0 19.2 28.8
265 21.4 17.1 25.7

