

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
 Data File : BF140506.D
 Acq On : 20 Nov 2024 18:17
 Operator : RC/JU
 Sample : P4893-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-763

Quant Time: Nov 21 00:07:12 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	104953	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	380272	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	189196	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	311331	20.000	ng	0.00
76) Chrysene-d12	14.039	240	206295	20.000	ng	-0.01
86) Perylene-d12	15.533	264	217003	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	546270	88.868	ng	0.01
7) Phenol-d6	6.510	99	694445	83.385	ng	0.00
23) Nitrobenzene-d5	7.434	82	444959	60.966	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	154714	82.233	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	762815	64.814	ng	-0.01
79) Terphenyl-d14	12.980	244	637149	53.611	ng	0.00

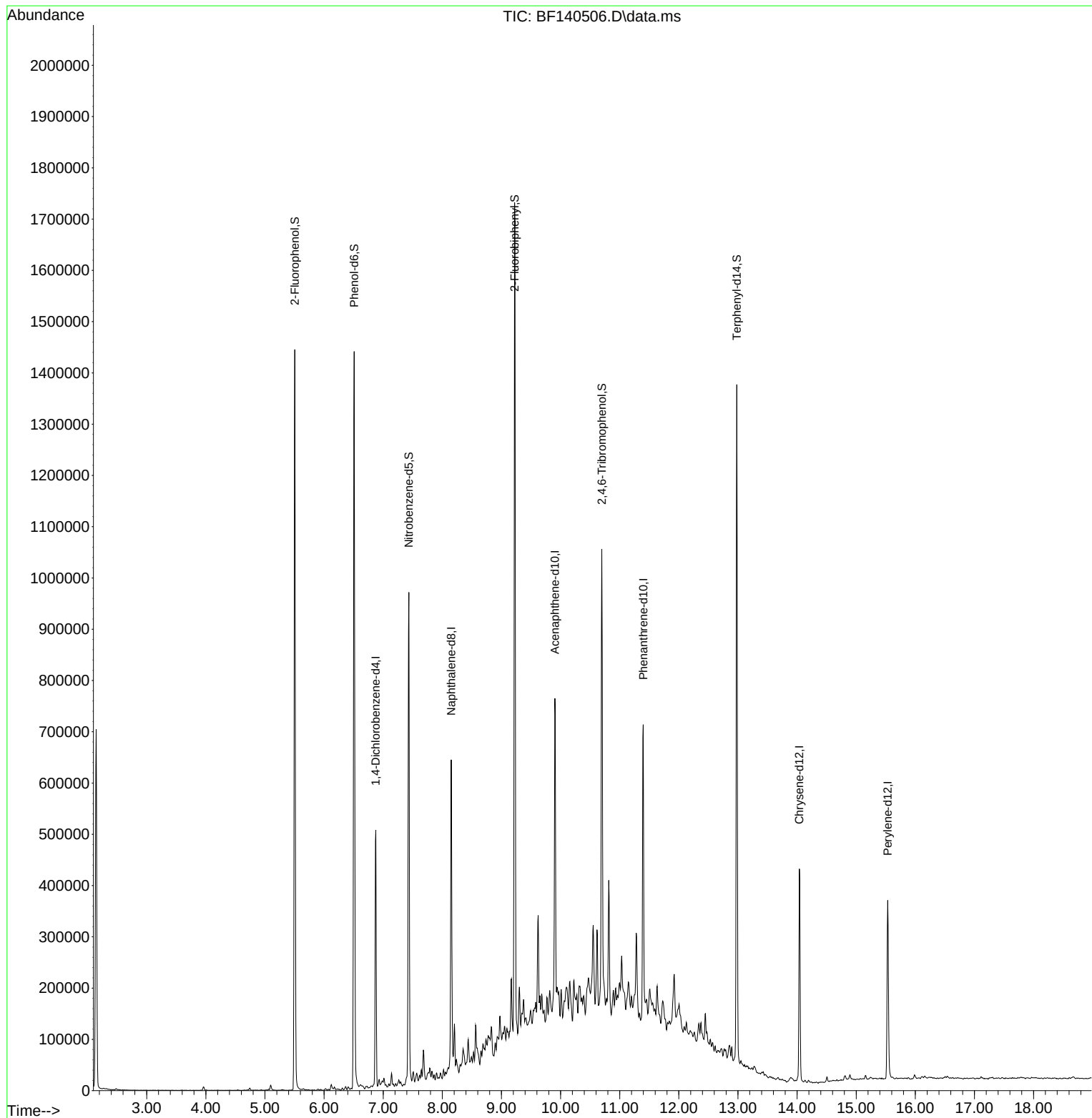
Target Compounds	Qvalue

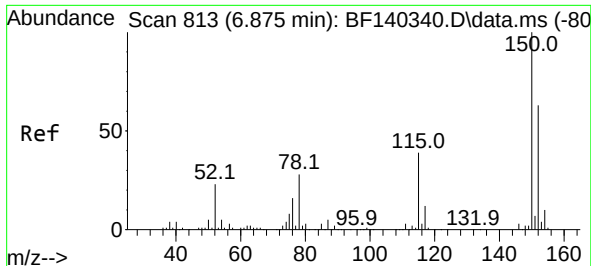
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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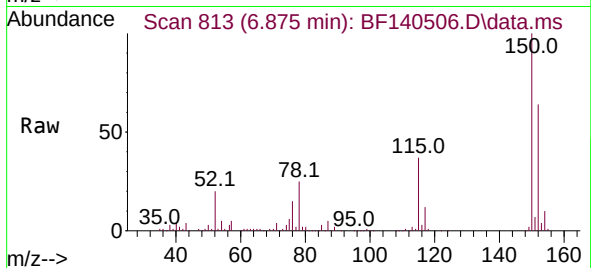
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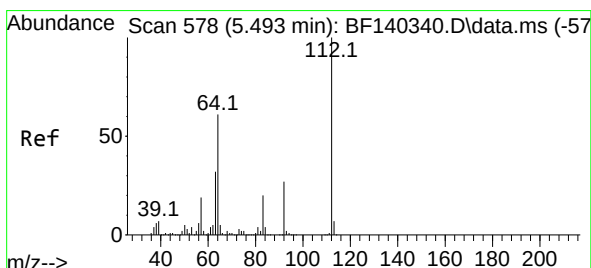
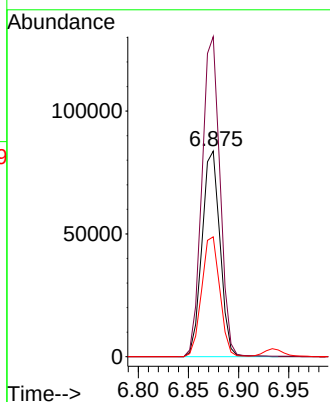
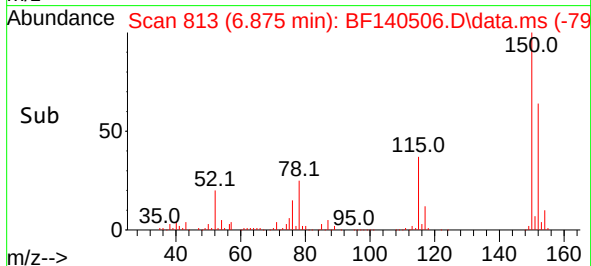


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140506.D
Acq: 20 Nov 2024 18:17

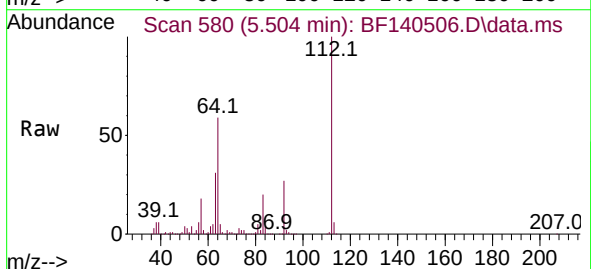
Instrument :
BNA_F
ClientSampleId :
MH-763



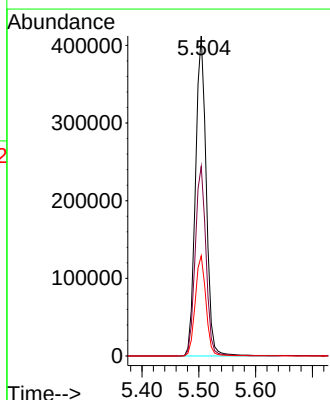
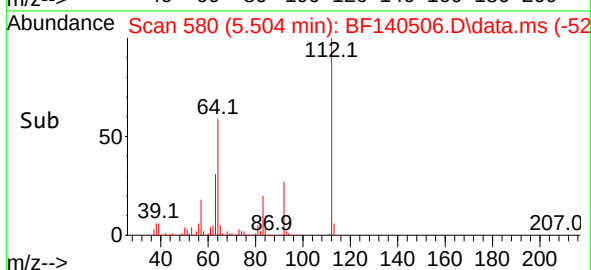
Tgt Ion:152 Resp: 104953
Ion Ratio Lower Upper
152 100
150 155.6 127.4 191.0
115 58.3 47.4 71.2

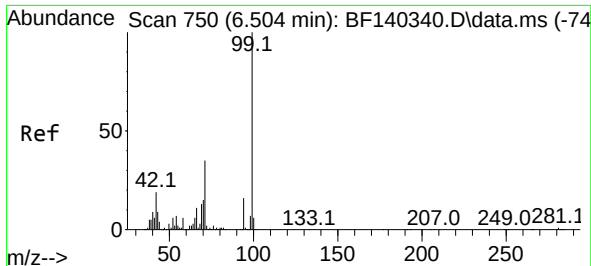


#5
2-Fluorophenol
Concen: 88.868 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF140506.D
Acq: 20 Nov 2024 18:17



Tgt Ion:112 Resp: 546270
Ion Ratio Lower Upper
112 100
64 59.3 49.2 73.8
63 31.3 25.6 38.4

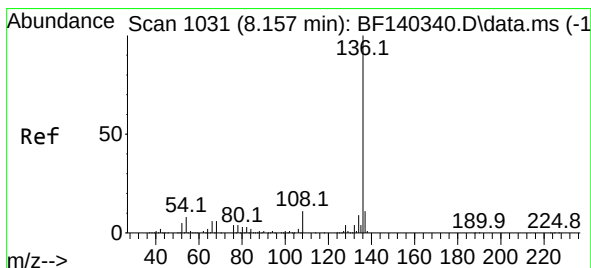
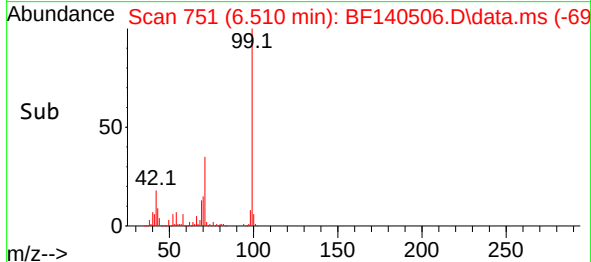
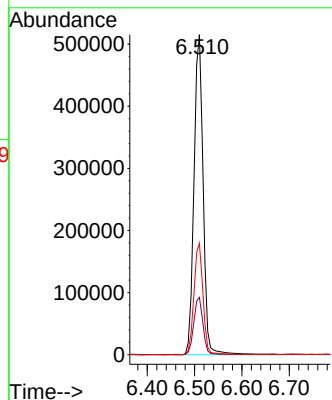
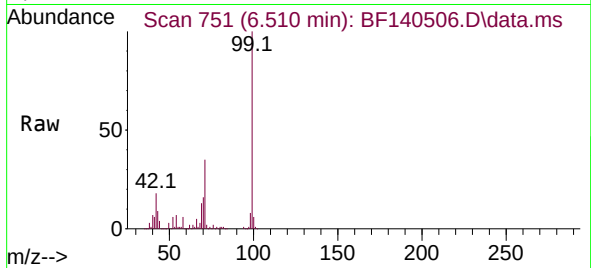




#7
Phenol-d6
Concen: 83.385 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140506.D
Acq: 20 Nov 2024 18:17

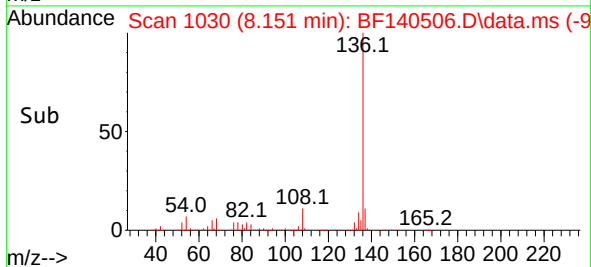
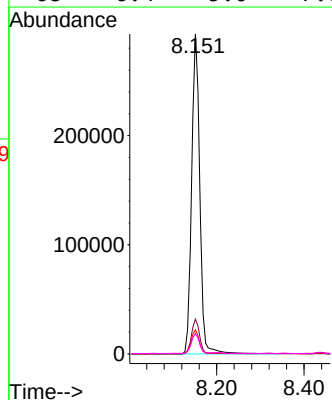
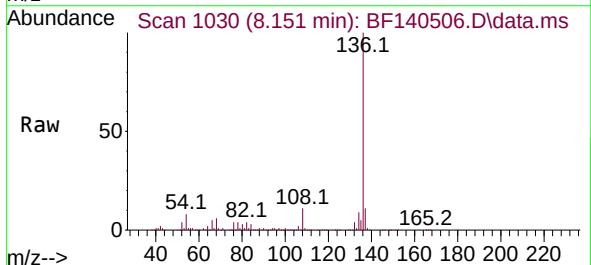
Instrument :
BNA_F
ClientSampleId :
MH-763

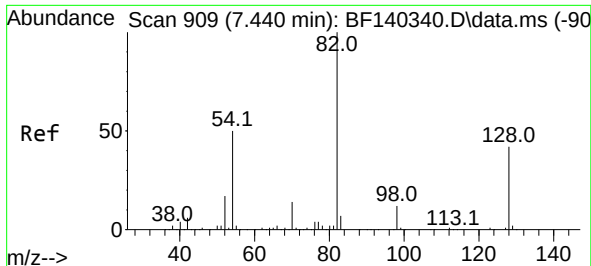
Tgt Ion: 99 Resp: 694445
Ion Ratio Lower Upper
99 100
42 17.9 15.1 22.7
71 34.8 27.9 41.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140506.D
Acq: 20 Nov 2024 18:17

Tgt Ion: 136 Resp: 380272
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 7.6 6.5 9.7
68 6.4 5.0 7.6

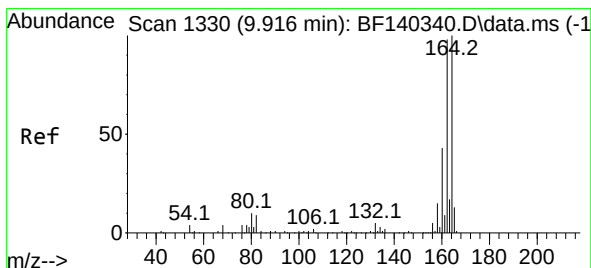
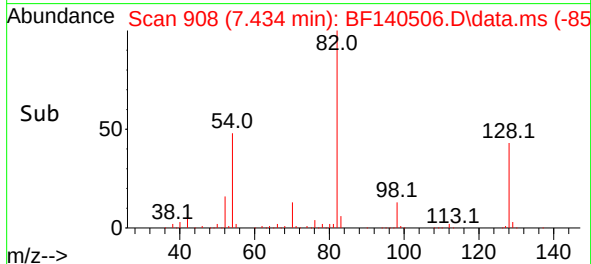
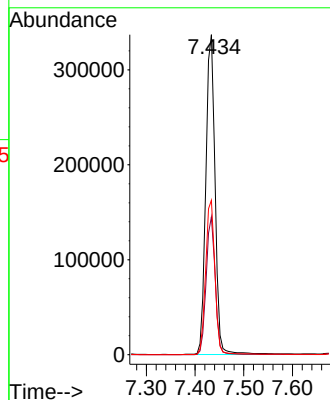
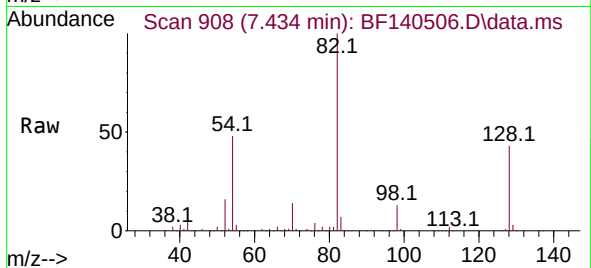




#23
Nitrobenzene-d5
Concen: 60.966 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140506.D
Acq: 20 Nov 2024 18:17

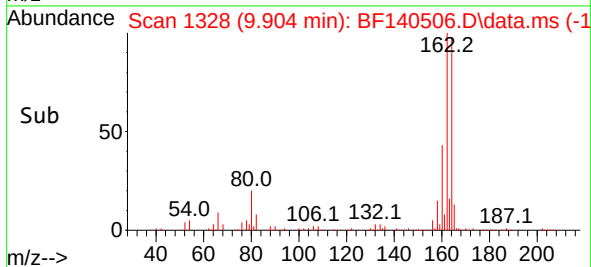
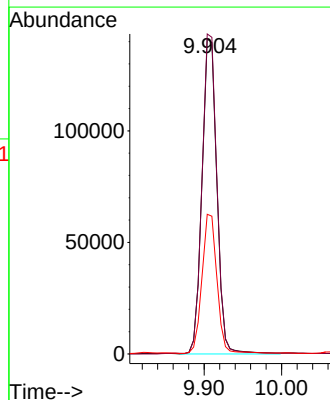
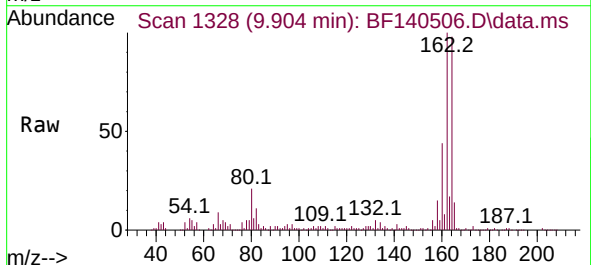
Instrument :
BNA_F
ClientSampleId :
MH-763

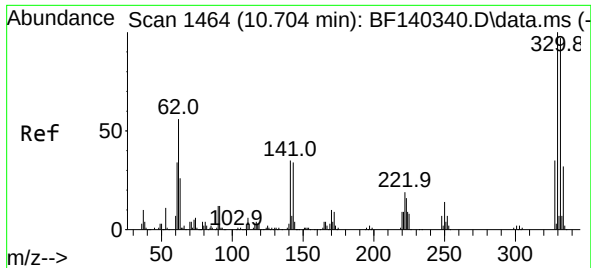
Tgt Ion: 82 Resp: 444959
Ion Ratio Lower Upper
82 100
128 43.1 33.3 49.9
54 48.3 39.8 59.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140506.D
Acq: 20 Nov 2024 18:17

Tgt Ion:164 Resp: 189196
Ion Ratio Lower Upper
164 100
162 101.6 79.8 119.8
160 44.3 35.4 53.0

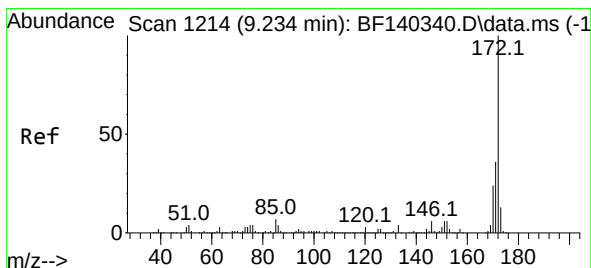
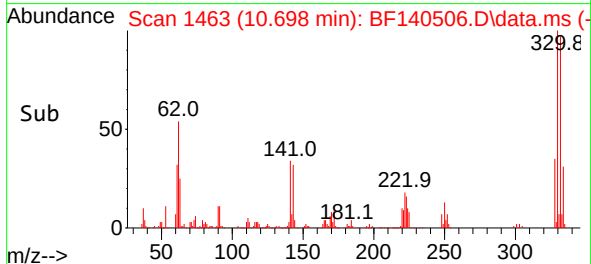
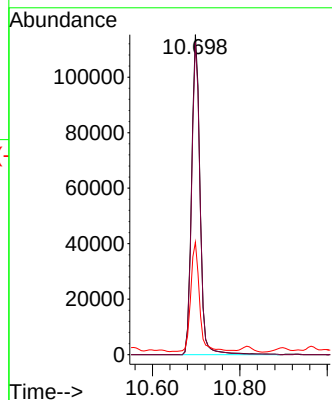
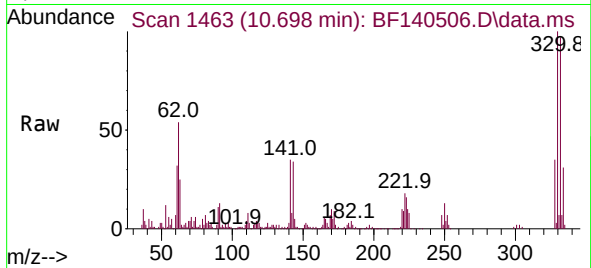




#42
2,4,6-Tribromophenol
Concen: 82.233 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140506.D
Acq: 20 Nov 2024 18:17

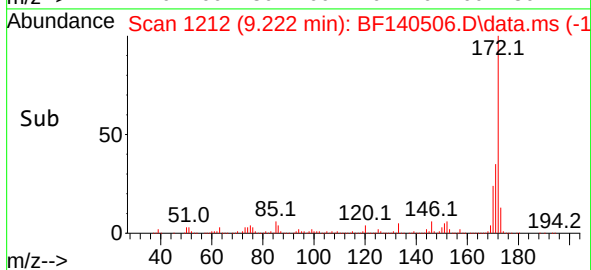
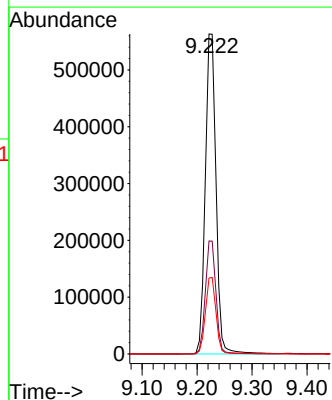
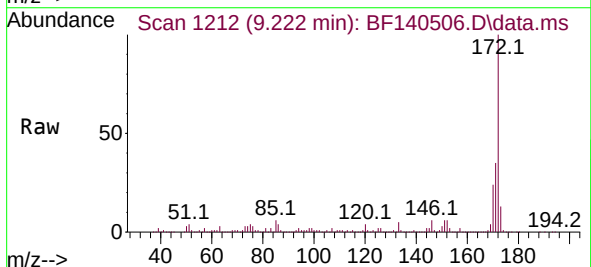
Instrument :
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ClientSampleId :
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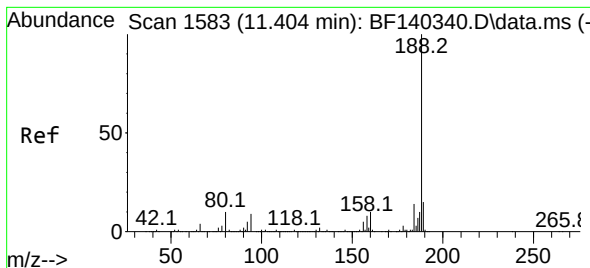
Tgt Ion:330 Resp: 154714
Ion Ratio Lower Upper
330 100
332 97.3 75.9 113.9
141 35.7 26.9 40.3



#45
2-Fluorobiphenyl
Concen: 64.814 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF140506.D
Acq: 20 Nov 2024 18:17

Tgt Ion:172 Resp: 762815
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 23.7 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140506.D

Acq: 20 Nov 2024 18:17

Instrument :

BNA_F

ClientSampleId :

MH-763

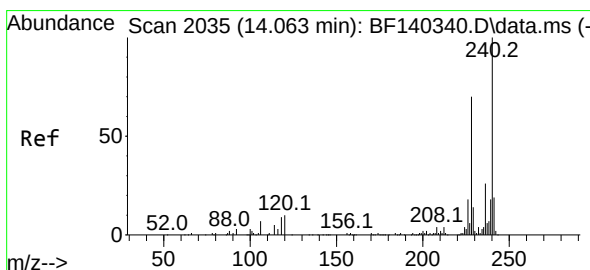
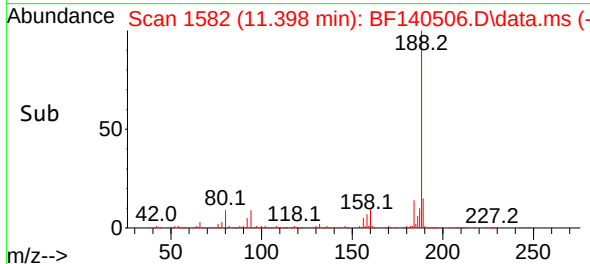
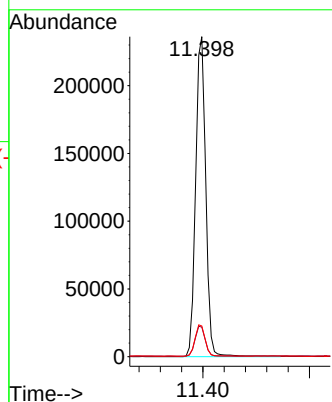
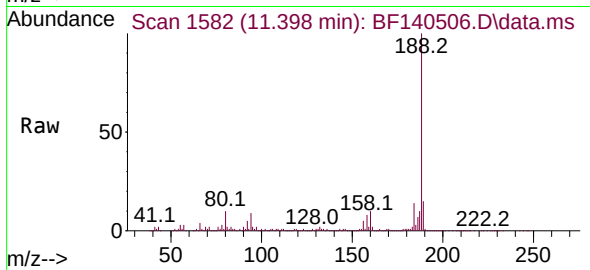
Tgt Ion:188 Resp: 311331

Ion Ratio Lower Upper

188 100

94 9.2 7.6 11.4

80 9.6 8.0 12.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2031

Delta R.T. -0.012 min

Lab File: BF140506.D

Acq: 20 Nov 2024 18:17

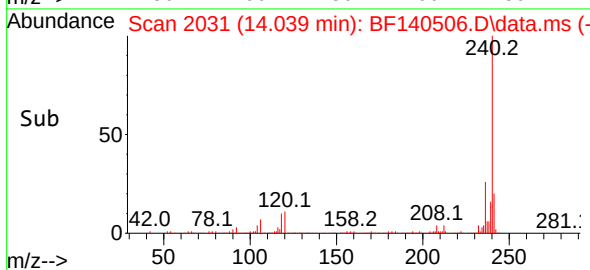
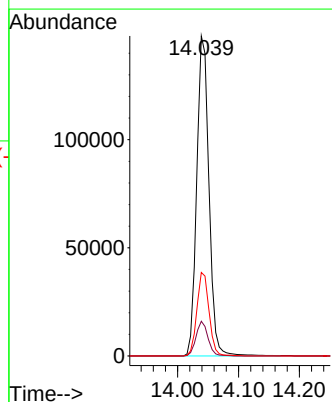
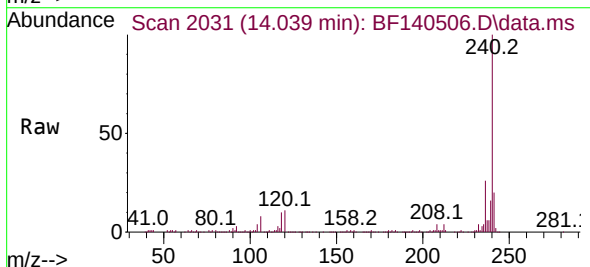
Tgt Ion:240 Resp: 206295

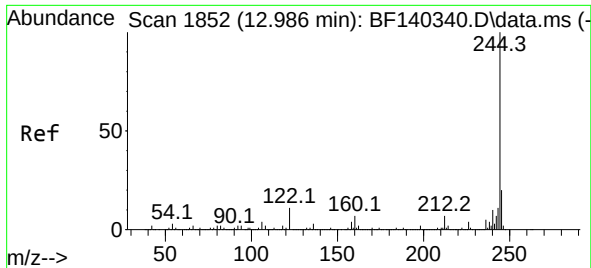
Ion Ratio Lower Upper

240 100

120 10.8 8.8 13.2

236 26.1 20.9 31.3

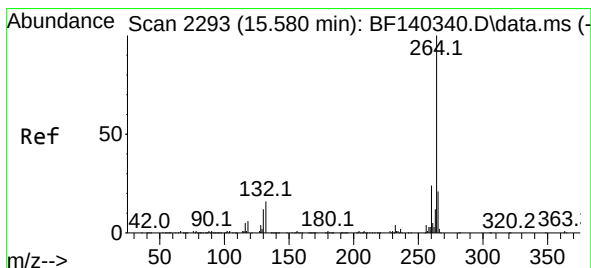
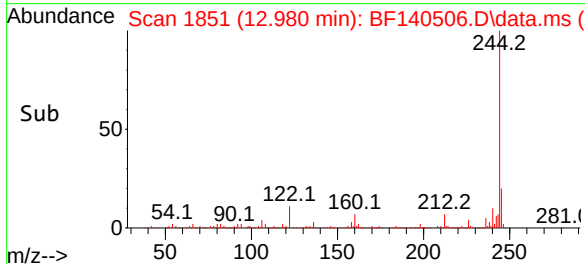
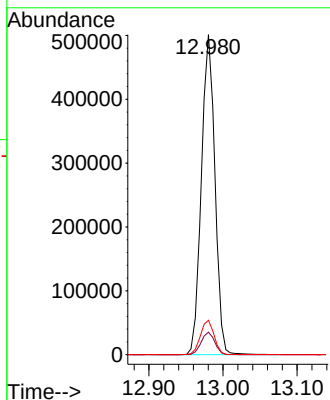
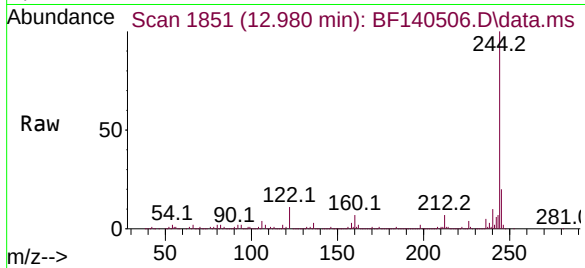




#79
 Terphenyl-d14
 Concen: 53.611 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF140506.D
 Acq: 20 Nov 2024 18:17

Instrument :
 BNA_F
 ClientSampleId :
 MH-763

Tgt Ion:244 Resp: 637149
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 10.7 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: BF140506.D
 Acq: 20 Nov 2024 18:17

Tgt Ion:264 Resp: 217003
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 20.7 17.1 25.7

