

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120524\
 Data File : BF140746.D
 Acq On : 05 Dec 2024 14:10
 Operator : RC/JU
 Sample : PB165341TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165341TB

Quant Time: Dec 05 14:33:56 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	73803	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	290921	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	172517	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	348191	20.000	ng	0.00
76) Chrysene-d12	14.057	240	252453	20.000	ng	0.00
86) Perylene-d12	15.563	264	191529	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	640197	148.003	ng	0.02
7) Phenol-d6	6.516	99	840995	147.066	ng	0.00
23) Nitrobenzene-d5	7.440	82	536314	94.296	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	280068	151.792	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1106874	95.595	ng	0.00
79) Terphenyl-d14	12.992	244	1412908	87.148	ng	0.00

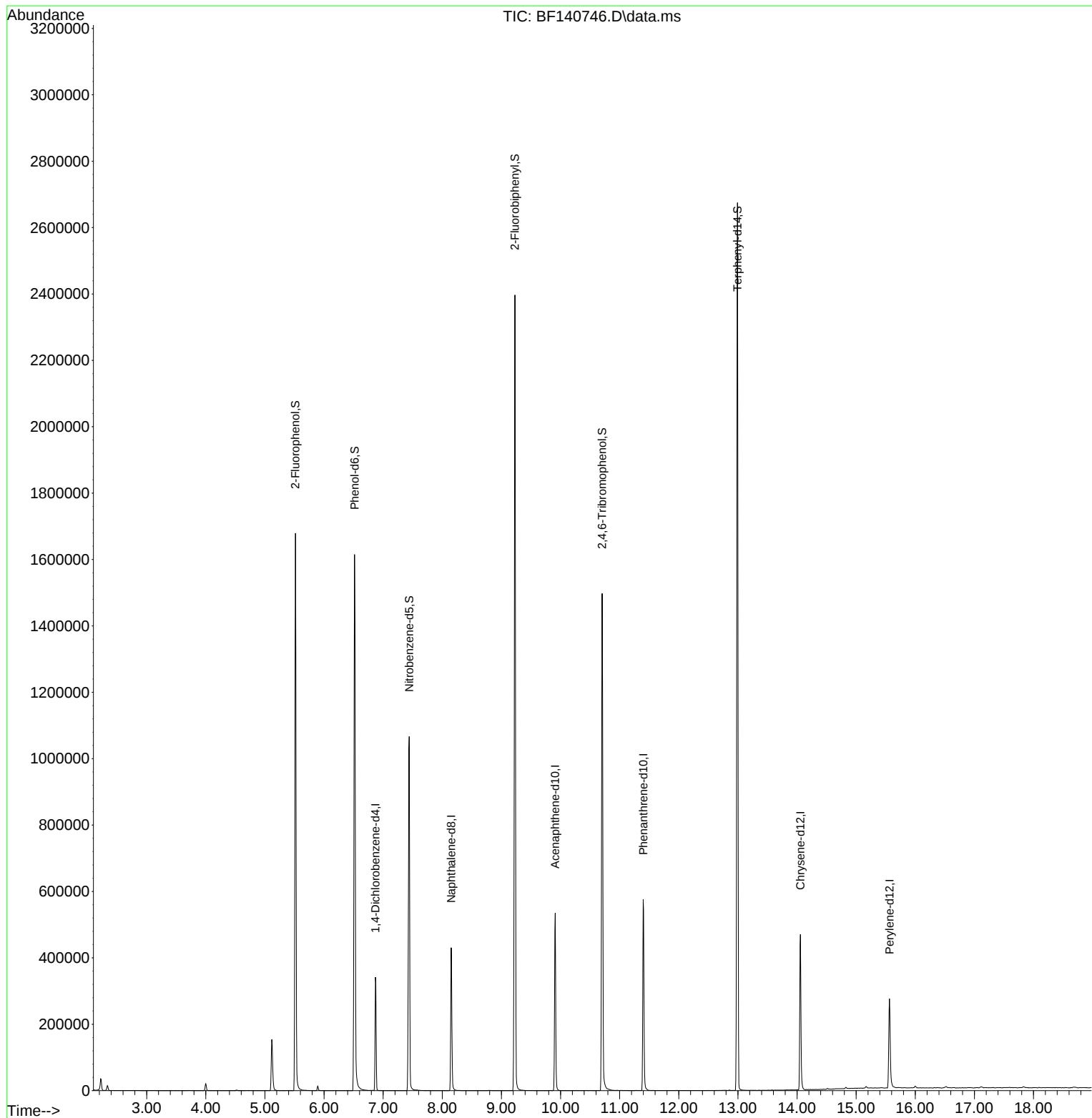
Target Compounds	Qvalue

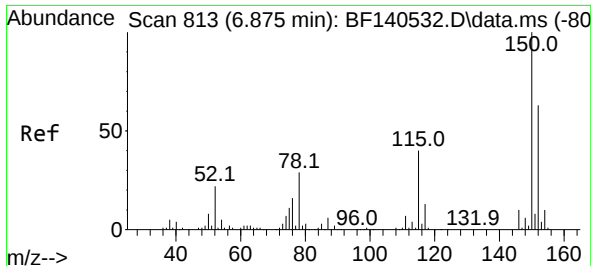
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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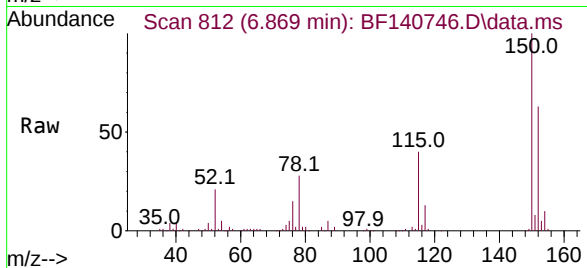
Quant Time: Dec 05 14:33:56 2024
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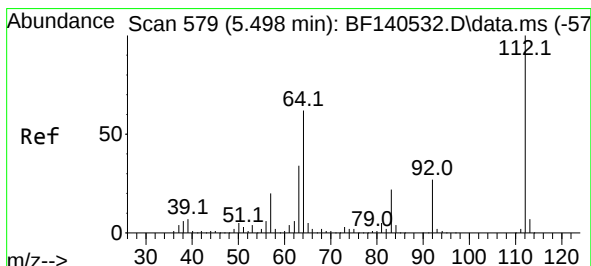
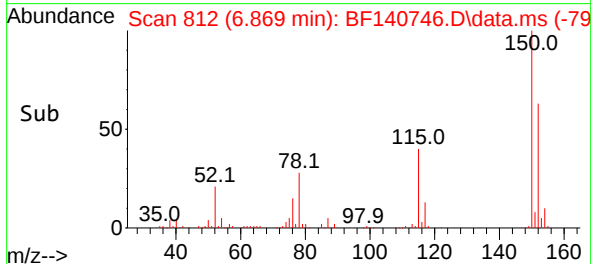
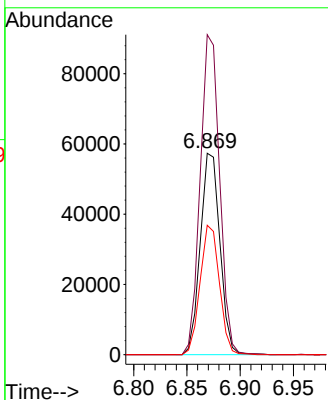


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140746.D
Acq: 05 Dec 2024 14:10

Instrument :
BNA_F
ClientSampleId :
PB165341TB

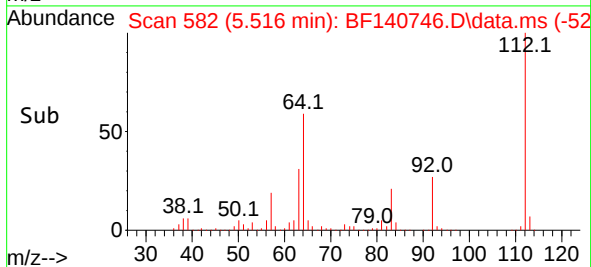
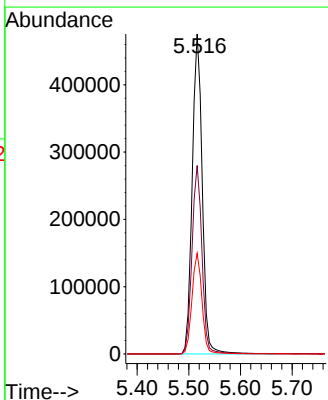
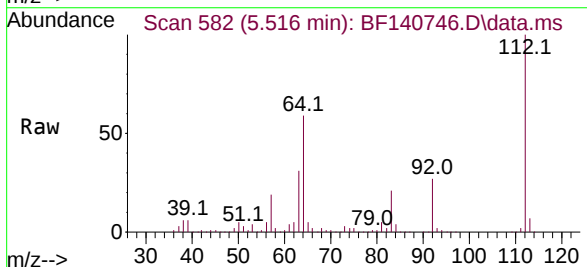


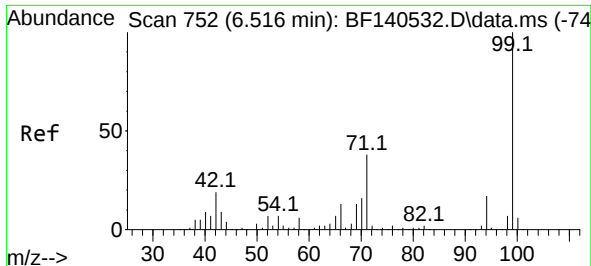
Tgt Ion:152 Resp: 73803
Ion Ratio Lower Upper
152 100
150 158.8 128.5 192.7
115 64.2 50.2 75.4



#5
2-Fluorophenol
Concen: 148.003 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140746.D
Acq: 05 Dec 2024 14:10

Tgt Ion:112 Resp: 640197
Ion Ratio Lower Upper
112 100
64 58.9 49.2 73.8
63 31.4 27.0 40.4

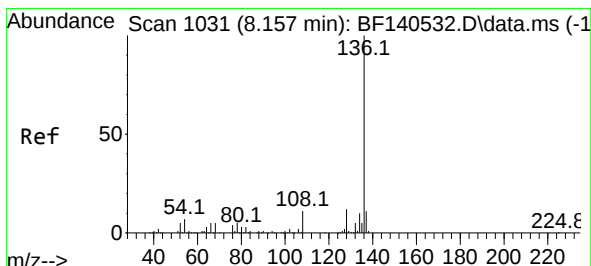
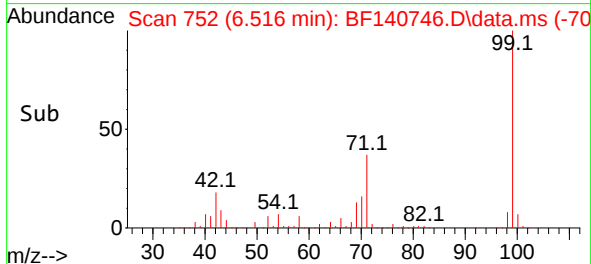
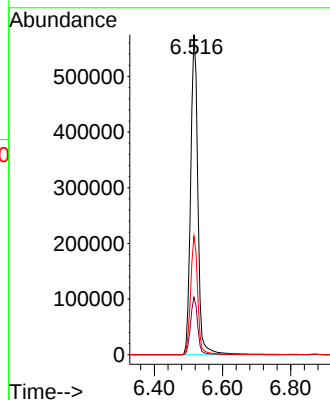
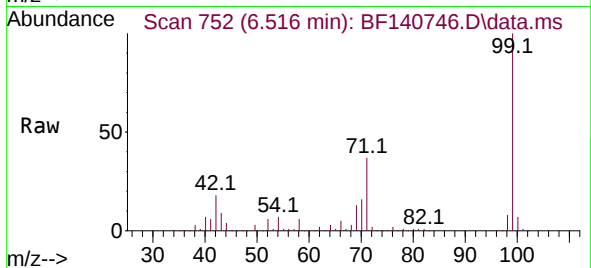




#7
Phenol-d6
Concen: 147.066 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140746.D
Acq: 05 Dec 2024 14:10

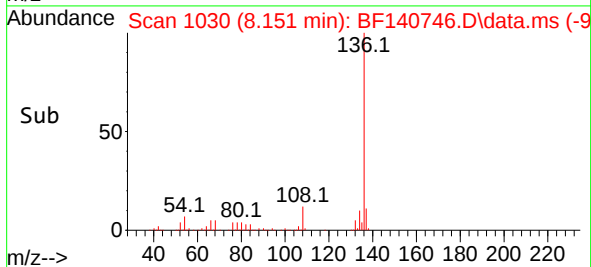
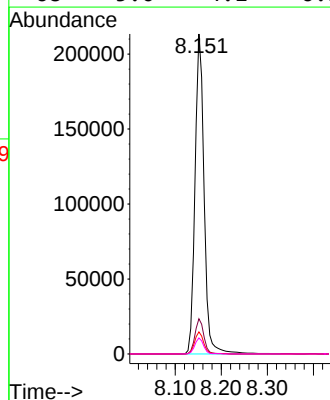
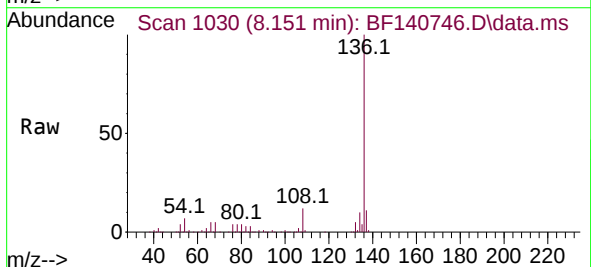
Instrument :
BNA_F
ClientSampleId :
PB165341TB

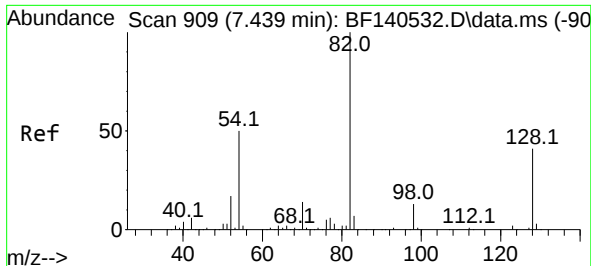
Tgt Ion: 99 Resp: 840995
Ion Ratio Lower Upper
99 100
42 18.0 15.4 23.0
71 37.0 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140746.D
Acq: 05 Dec 2024 14:10

Tgt Ion: 136 Resp: 290921
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 6.9 5.8 8.8
68 5.0 4.1 6.1





#23

Nitrobenzene-d5

Concen: 94.296 ng

RT: 7.440 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF140746.D

Acq: 05 Dec 2024 14:10

Instrument :

BNA_F

ClientSampleId :

PB165341TB

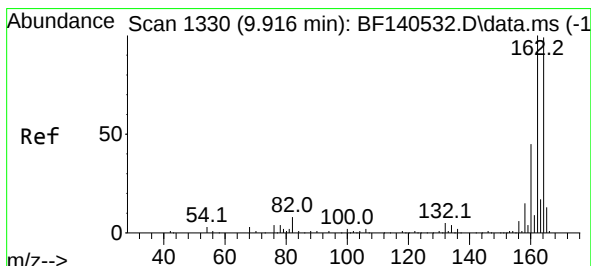
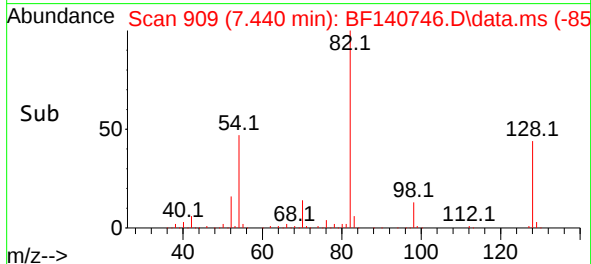
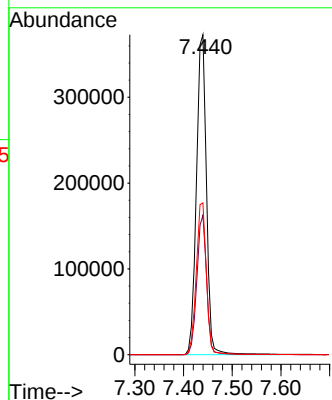
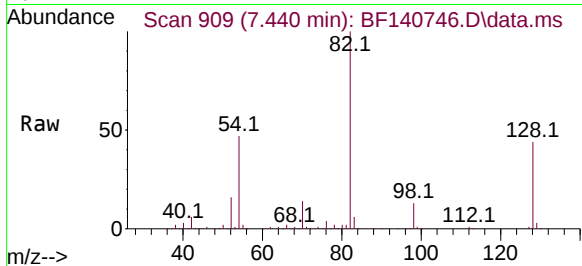
Tgt Ion: 82 Resp: 536314

Ion Ratio Lower Upper

82 100

128 43.6 33.0 49.4

54 47.4 39.5 59.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF140746.D

Acq: 05 Dec 2024 14:10

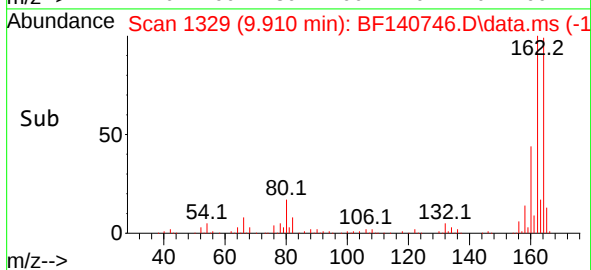
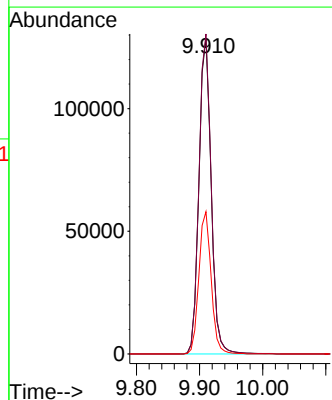
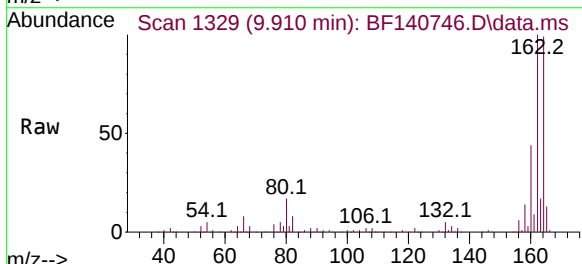
Tgt Ion:164 Resp: 172517

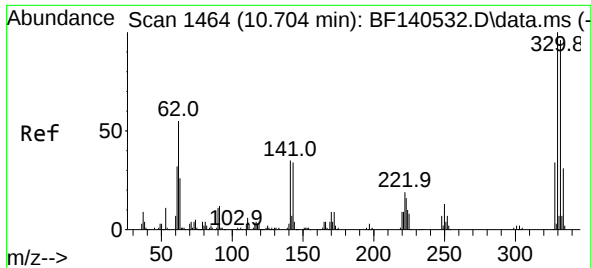
Ion Ratio Lower Upper

164 100

162 101.2 80.6 120.8

160 45.0 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 151.792 ng

RT: 10.704 min Scan# 1464

Delta R.T. 0.000 min

Lab File: BF140746.D

Acq: 05 Dec 2024 14:10

Instrument :

BNA_F

ClientSampleId :

PB165341TB

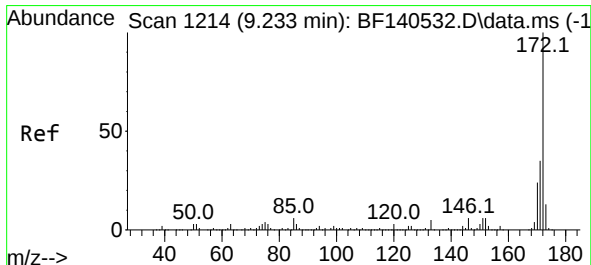
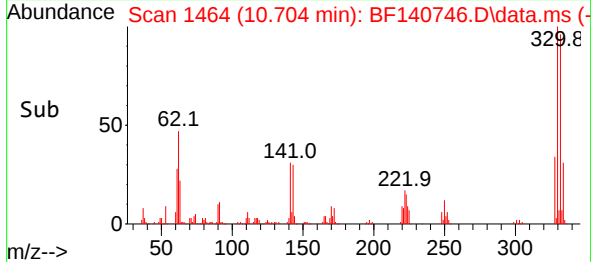
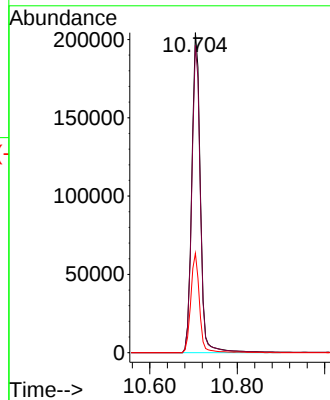
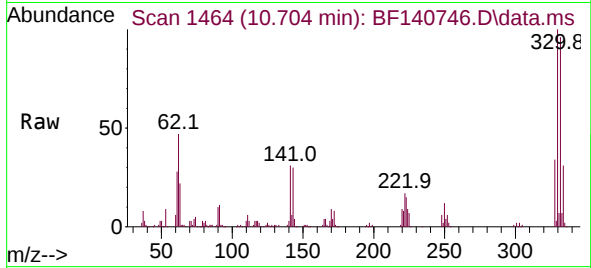
Tgt Ion:330 Resp: 280068

Ion Ratio Lower Upper

330 100

332 96.1 76.9 115.3

141 31.4 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 95.595 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140746.D

Acq: 05 Dec 2024 14:10

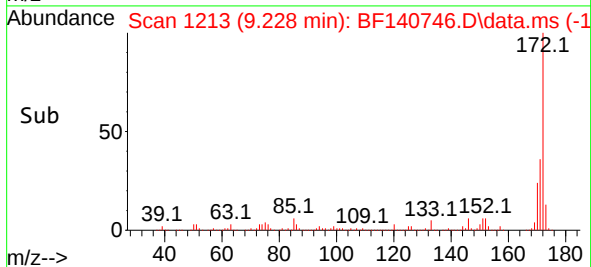
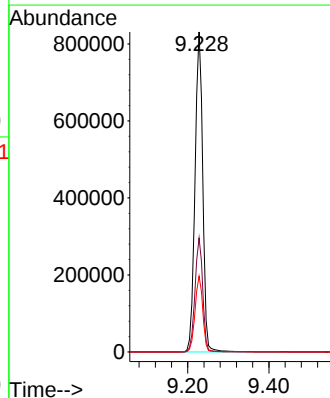
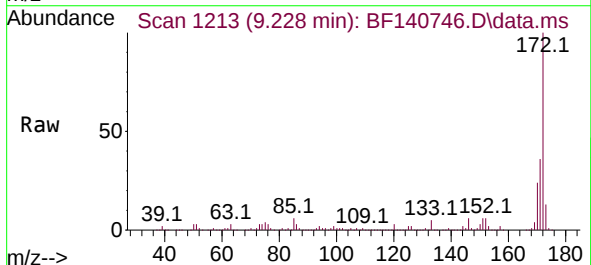
Tgt Ion:172 Resp: 1106874

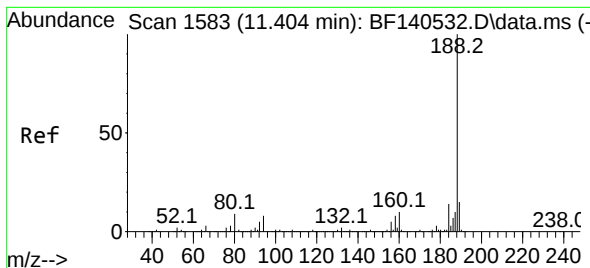
Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 23.7 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140746.D

Acq: 05 Dec 2024 14:10

Instrument :

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ClientSampleId :

PB165341TB

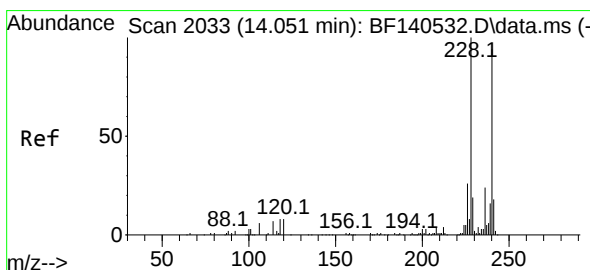
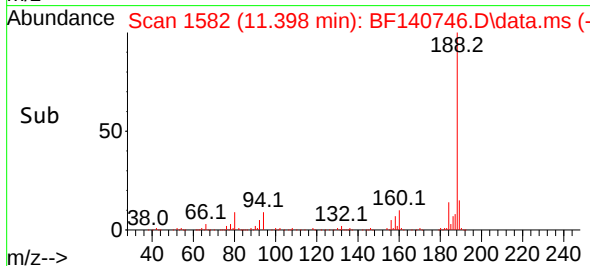
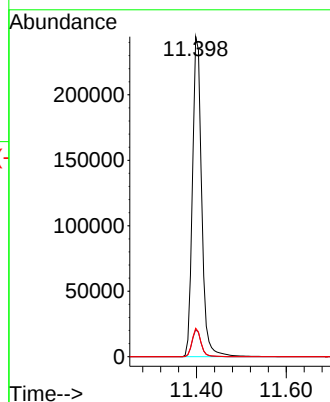
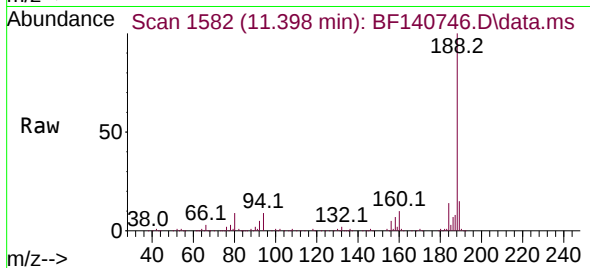
Tgt Ion:188 Resp: 348191

Ion Ratio Lower Upper

188 100

94 8.5 6.4 9.6

80 8.9 6.9 10.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2034

Delta R.T. 0.006 min

Lab File: BF140746.D

Acq: 05 Dec 2024 14:10

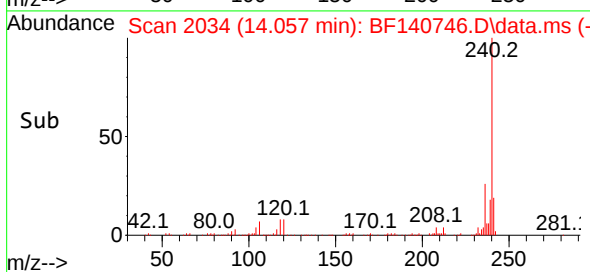
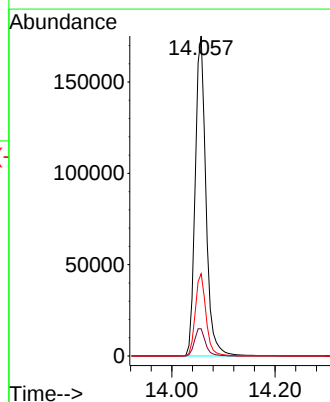
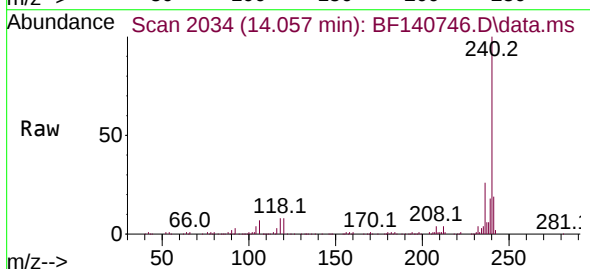
Tgt Ion:240 Resp: 252453

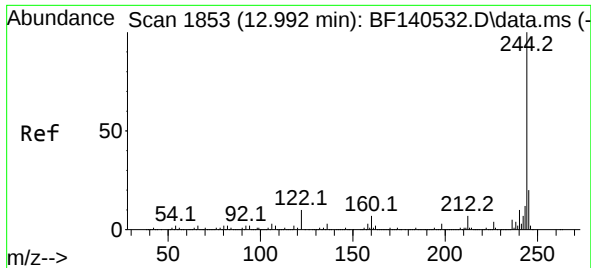
Ion Ratio Lower Upper

240 100

120 8.5 7.3 10.9

236 25.7 20.6 31.0

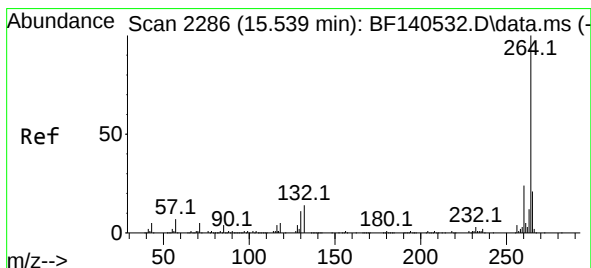
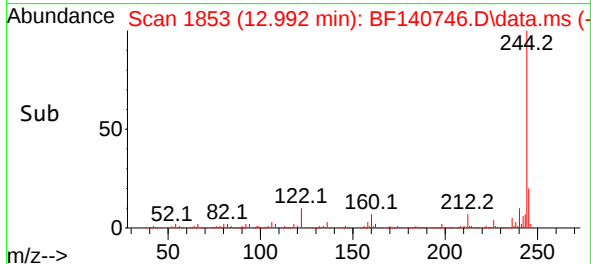
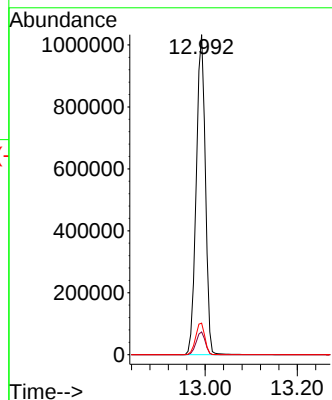
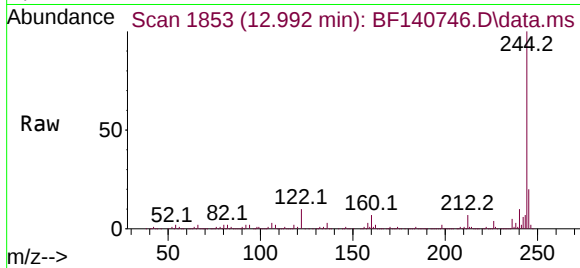




#79
 Terphenyl-d14
 Concen: 87.148 ng
 RT: 12.992 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF140746.D
 Acq: 05 Dec 2024 14:10

Instrument :
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Tgt Ion:244 Resp: 1412908
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 9.8 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.563 min Scan# 2290
 Delta R.T. 0.024 min
 Lab File: BF140746.D
 Acq: 05 Dec 2024 14:10

Tgt Ion:264 Resp: 191529
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.0 28.6
 265 21.5 16.6 25.0

