

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102624\
Data File : BF140064.D
Acq On : 26 Oct 2024 17:16
Operator : RC/JU
Sample : P4471-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-180-SB02

Quant Time: Oct 28 01:09:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 15:07:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	140732	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	538776	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	296372	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	470615	20.000	ng	0.00
76) Chrysene-d12	14.045	240	239328	20.000	ng	0.00
86) Perylene-d12	15.527	264	267329	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	755062	83.992	ng	0.01
7) Phenol-d6	6.504	99	952058	81.770	ng	0.00
23) Nitrobenzene-d5	7.445	82	653400	67.215	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	230229	83.050	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	934206	52.095	ng	0.00
79) Terphenyl-d14	12.992	244	602171	40.999	ng	0.00

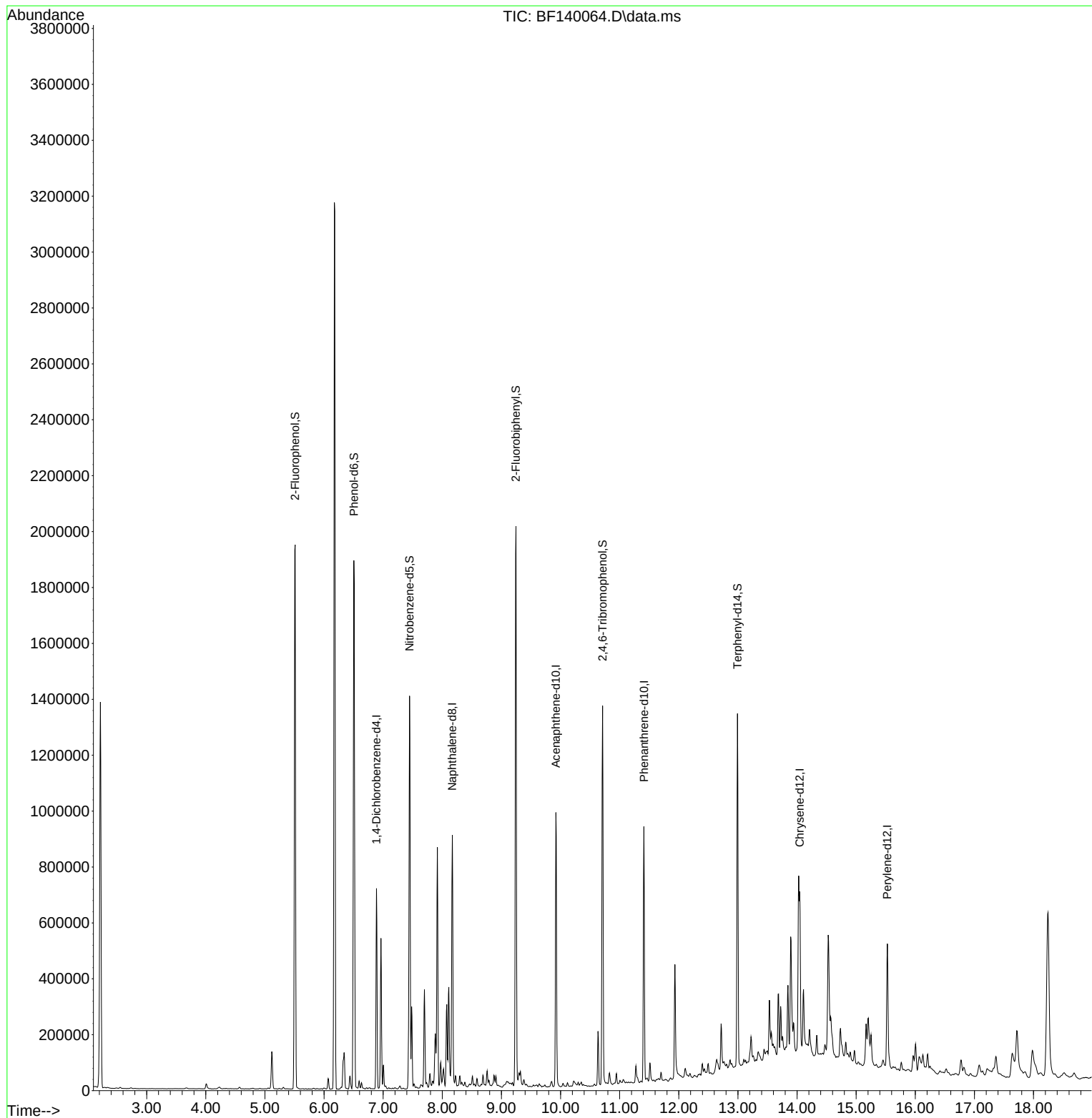
Target Compounds Qvalue

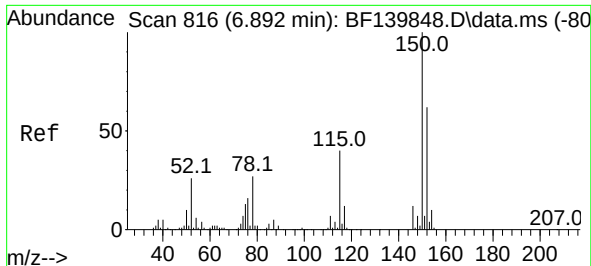
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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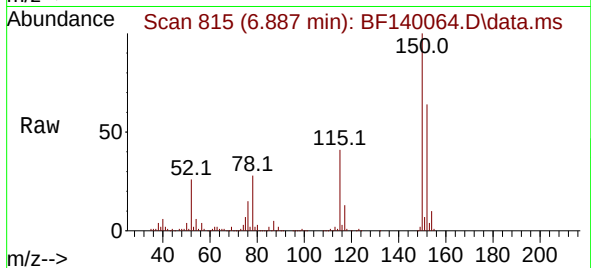
Quant Time: Oct 28 01:09:07 2024
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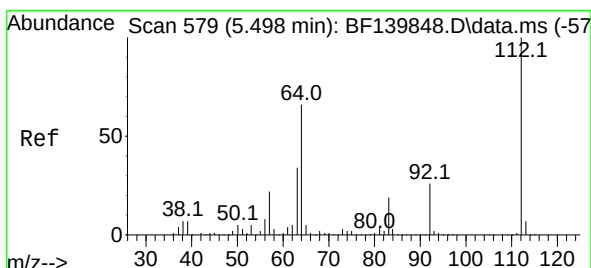
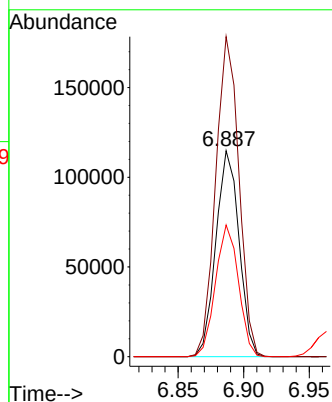
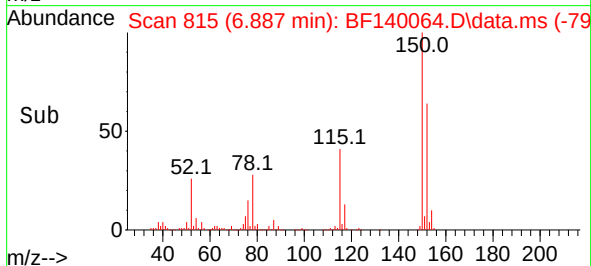


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140064.D
Acq: 26 Oct 2024 17:16

Instrument :
BNA_F
ClientSampleId :
B-180-SB02

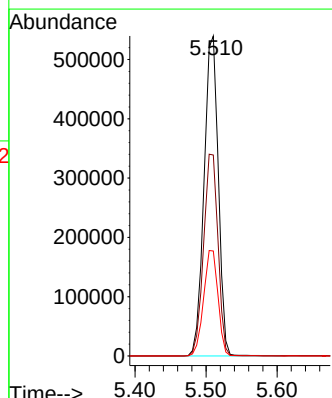
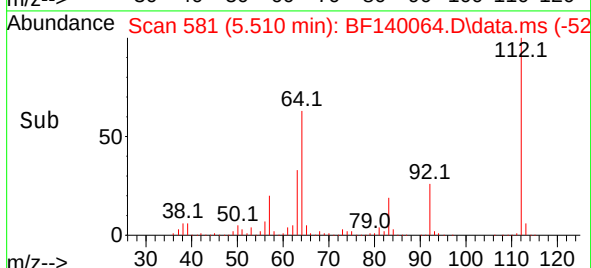
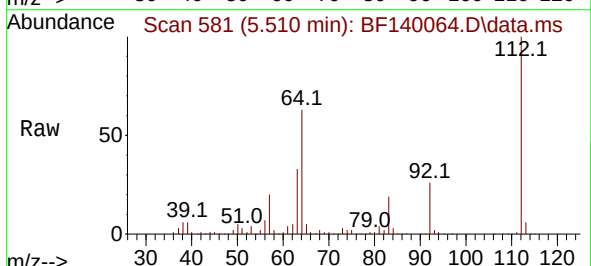


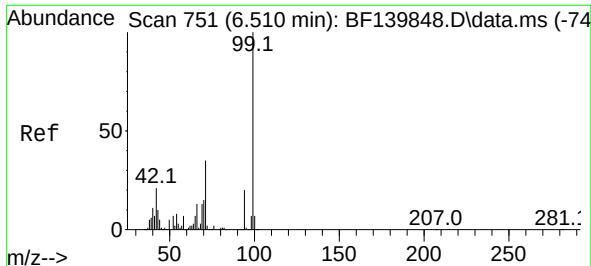
Tgt Ion:152 Resp: 140732
Ion Ratio Lower Upper
152 100
150 155.4 130.2 195.2
115 63.9 51.4 77.2



#5
2-Fluorophenol
Concen: 83.992 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140064.D
Acq: 26 Oct 2024 17:16

Tgt Ion:112 Resp: 755062
Ion Ratio Lower Upper
112 100
64 62.8 53.0 79.6
63 32.8 27.0 40.4

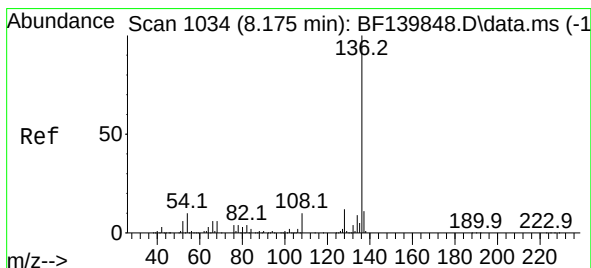
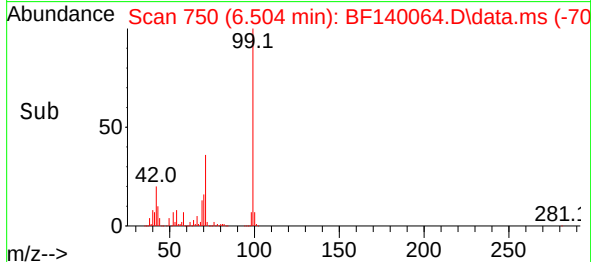
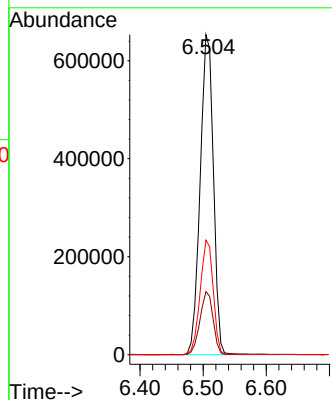
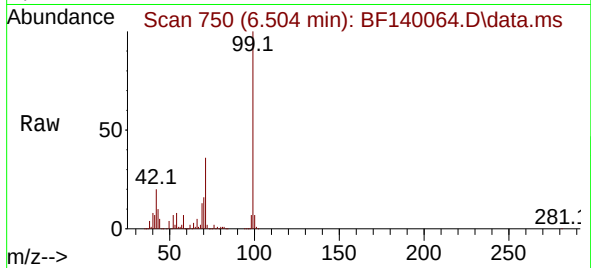




#7
Phenol-d6
Concen: 81.770 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF140064.D
Acq: 26 Oct 2024 17:16

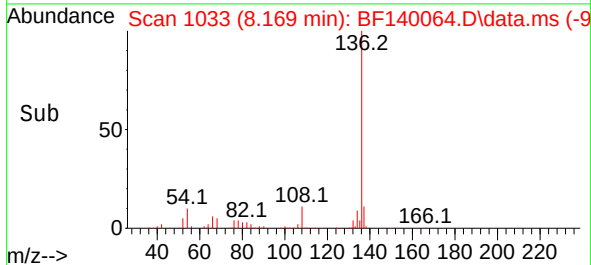
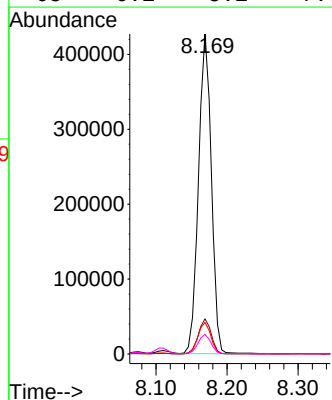
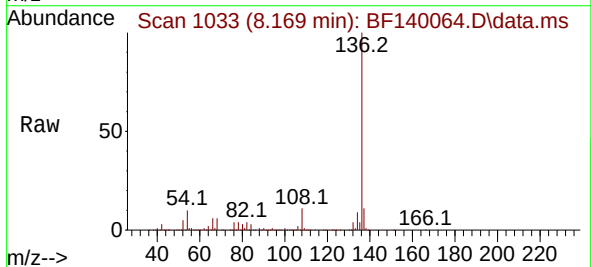
Instrument :
BNA_F
ClientSampleId :
B-180-SB02

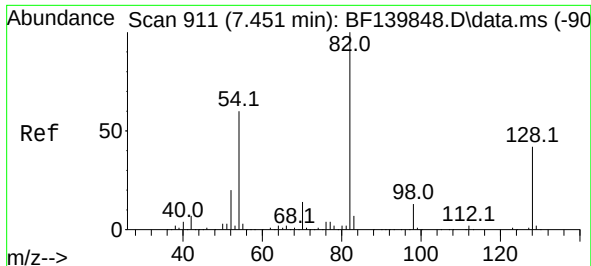
Tgt Ion: 99 Resp: 952058
Ion Ratio Lower Upper
99 100
42 19.7 16.7 25.1
71 35.8 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140064.D
Acq: 26 Oct 2024 17:16

Tgt Ion: 136 Resp: 538776
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 9.9 8.4 12.6
68 6.1 5.1 7.7





#23

Nitrobenzene-d5

Concen: 67.215 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140064.D

Acq: 26 Oct 2024 17:16

Instrument :

BNA_F

ClientSampleId :

B-180-SB02

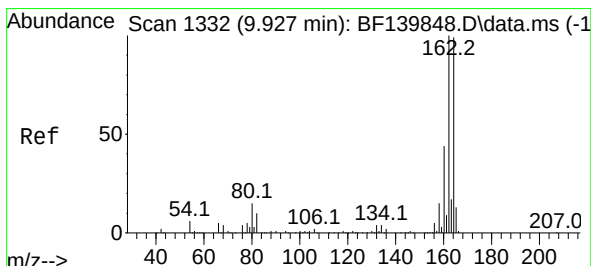
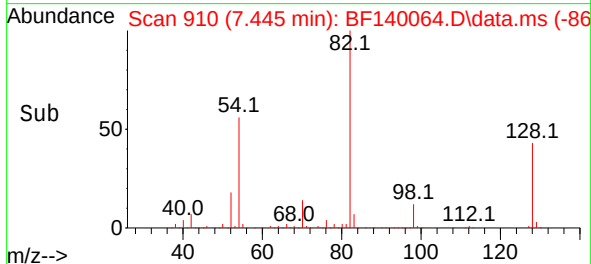
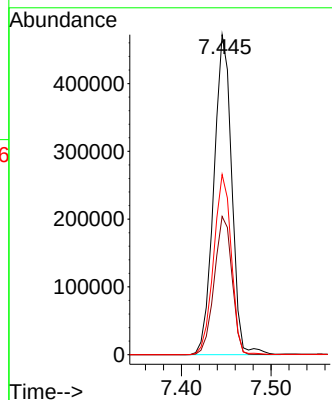
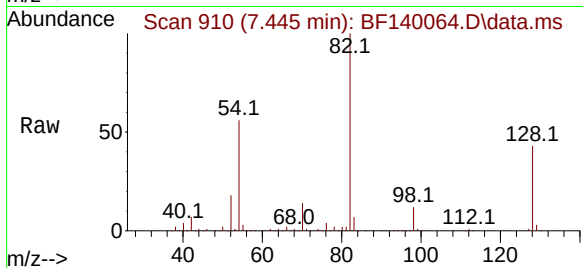
Tgt Ion: 82 Resp: 653400

Ion Ratio Lower Upper

82 100

128 43.2 33.4 50.0

54 56.3 47.8 71.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1331

Delta R.T. -0.005 min

Lab File: BF140064.D

Acq: 26 Oct 2024 17:16

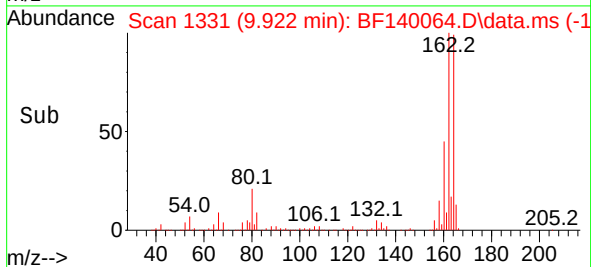
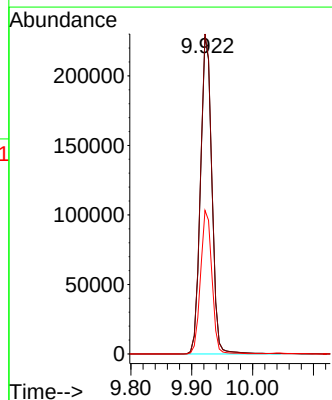
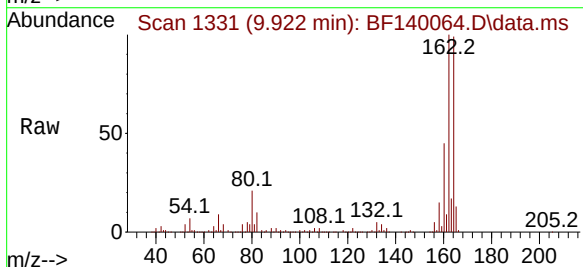
Tgt Ion:164 Resp: 296372

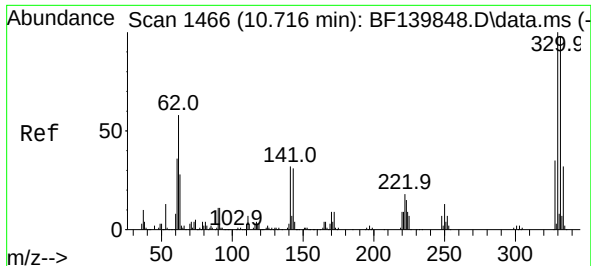
Ion Ratio Lower Upper

164 100

162 100.8 81.0 121.4

160 45.2 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 83.050 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF140064.D

Acq: 26 Oct 2024 17:16

Instrument :

BNA_F

ClientSampleId :

B-180-SB02

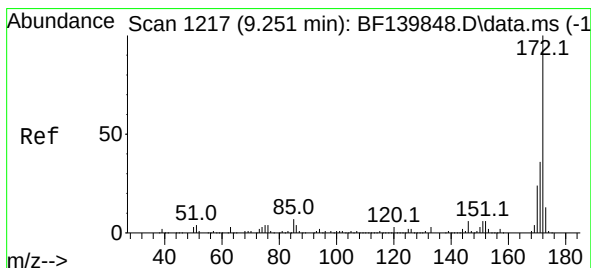
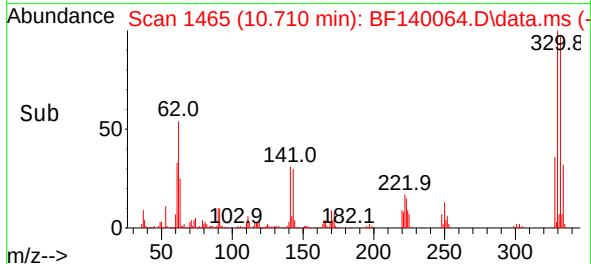
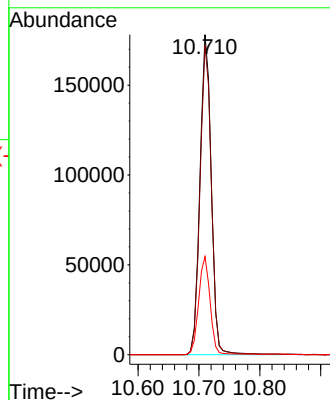
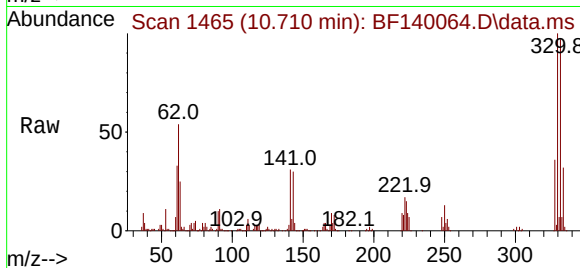
Tgt Ion:330 Resp: 230229

Ion Ratio Lower Upper

330 100

332 97.2 78.1 117.1

141 31.1 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 52.095 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140064.D

Acq: 26 Oct 2024 17:16

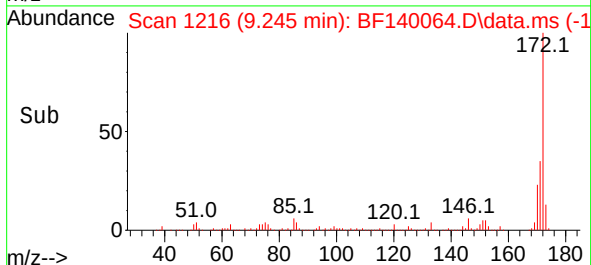
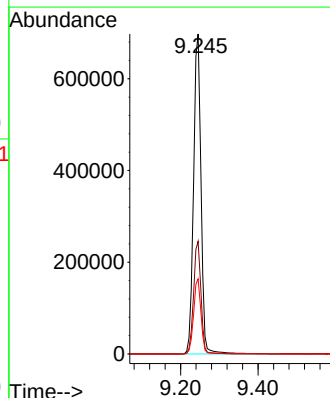
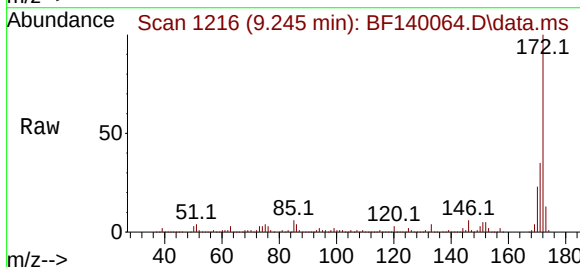
Tgt Ion:172 Resp: 934206

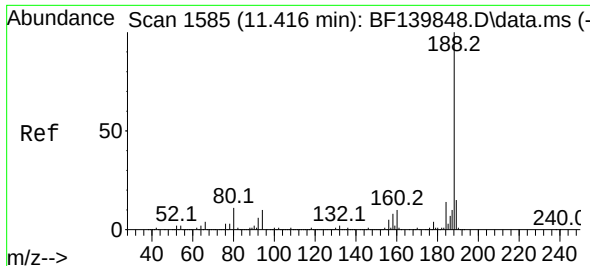
Ion Ratio Lower Upper

172 100

171 35.2 28.6 43.0

170 23.5 19.1 28.7

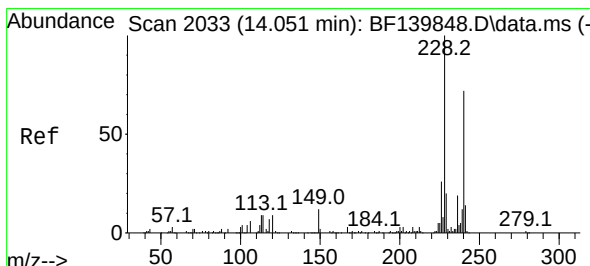
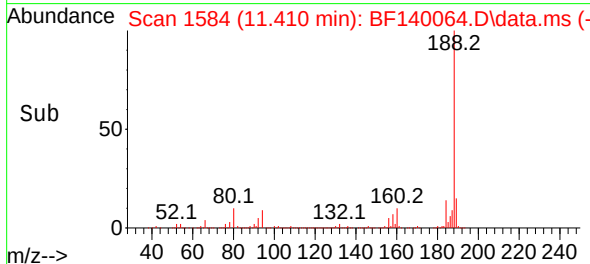
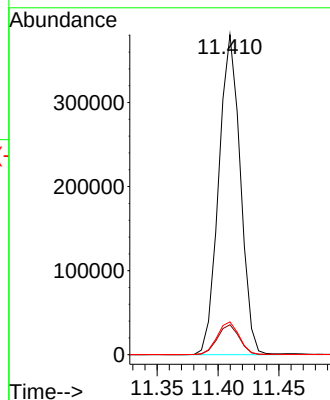
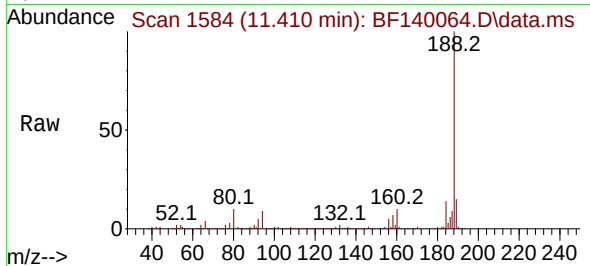




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140064.D
Acq: 26 Oct 2024 17:16

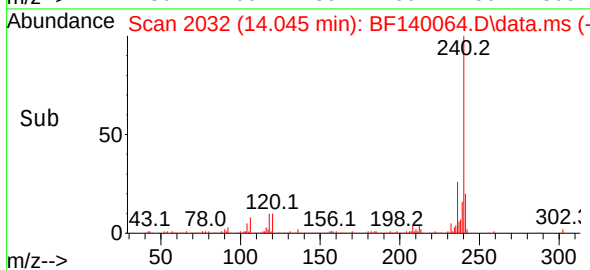
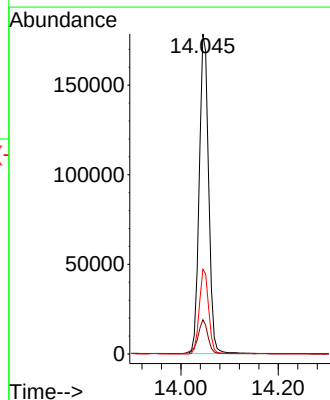
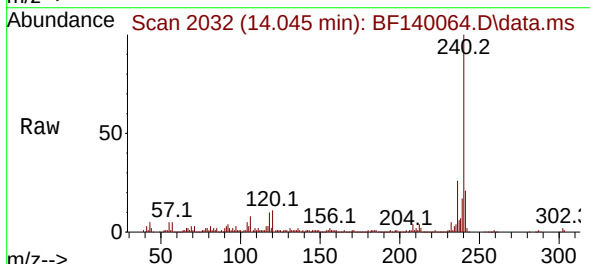
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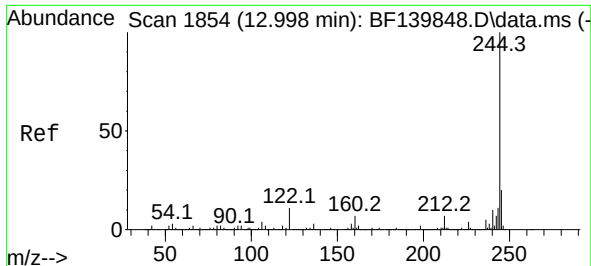
Tgt Ion:188 Resp: 470615
Ion Ratio Lower Upper
188 100
94 9.3 7.9 11.9
80 10.3 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140064.D
Acq: 26 Oct 2024 17:16

Tgt Ion:240 Resp: 239328
Ion Ratio Lower Upper
240 100
120 10.7 9.4 14.2
236 26.4 20.9 31.3

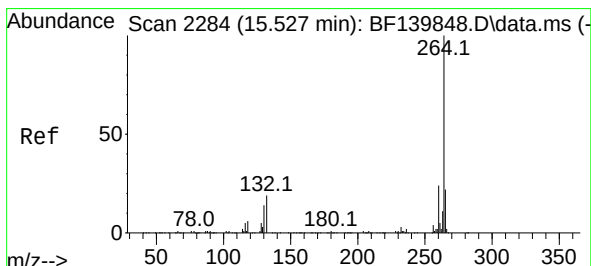
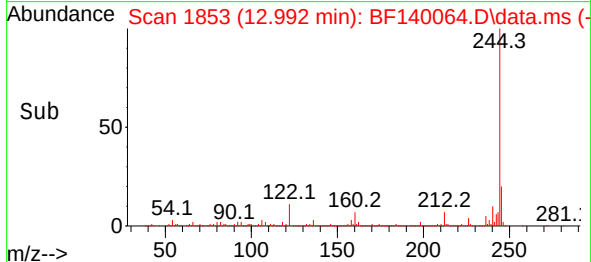
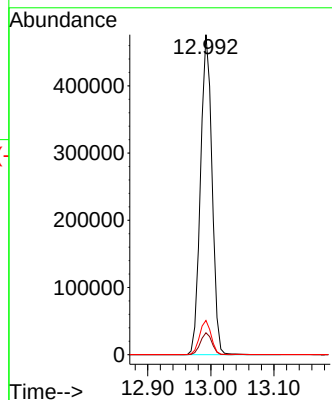
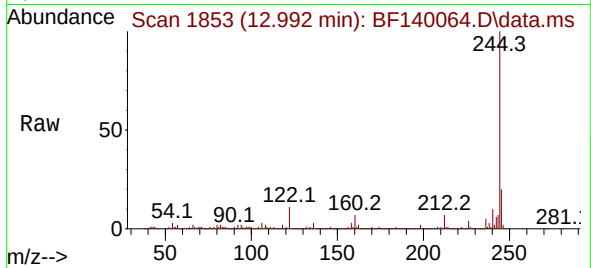




#79
 Terphenyl-d14
 Concen: 40.999 ng
 RT: 12.992 min Scan# 1853
 Delta R.T. -0.006 min
 Lab File: BF140064.D
 Acq: 26 Oct 2024 17:16

Instrument :
 BNA_F
 ClientSampleId :
 B-180-SB02

Tgt Ion:244 Resp: 602171
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 10.7 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2284
 Delta R.T. 0.000 min
 Lab File: BF140064.D
 Acq: 26 Oct 2024 17:16

Tgt Ion:264 Resp: 267329
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.2
 265 21.5 17.4 26.0

