

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102624\
 Data File : BF140051.D
 Acq On : 26 Oct 2024 11:06
 Operator : RC/JU
 Sample : PB164401BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164401BL

Quant Time: Oct 28 01:05:02 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	125232	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	486243	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	274404	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	492863	20.000	ng	0.00
76) Chrysene-d12	14.051	240	300716	20.000	ng	0.00
86) Perylene-d12	15.527	264	248143	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	962066	120.265	ng	0.02
7) Phenol-d6	6.510	99	1204232	116.231	ng	0.00
23) Nitrobenzene-d5	7.445	82	793994	90.502	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	344819	134.344	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1461812	88.043	ng	0.00
79) Terphenyl-d14	12.998	244	1632590	88.465	ng	0.00

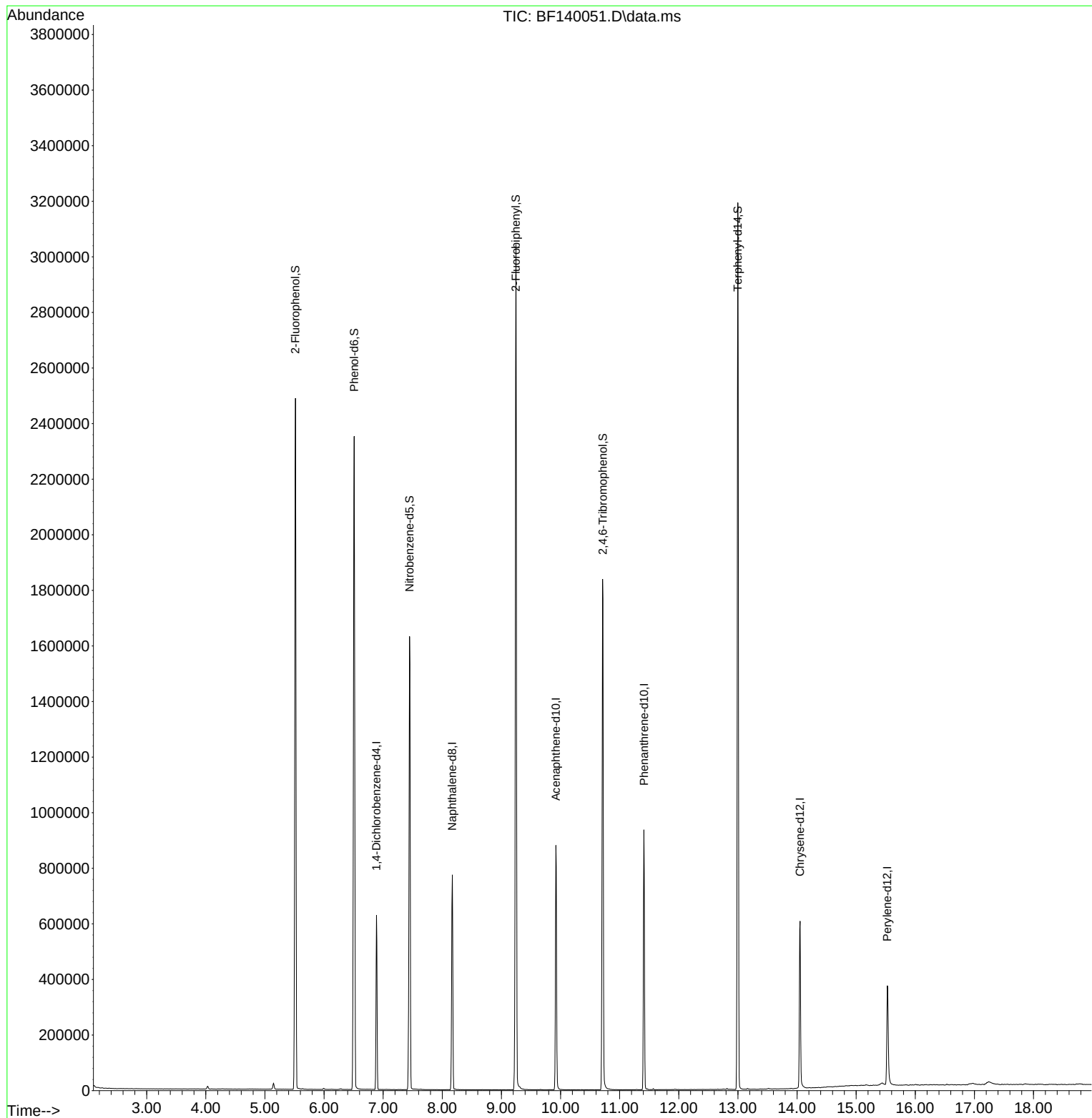
Target Compounds Qvalue

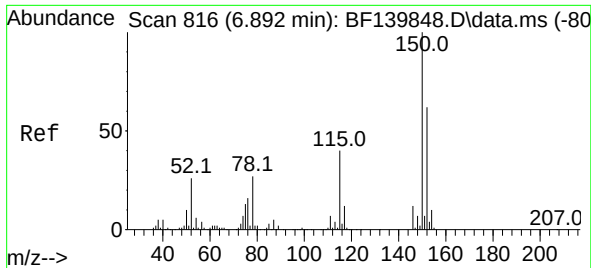
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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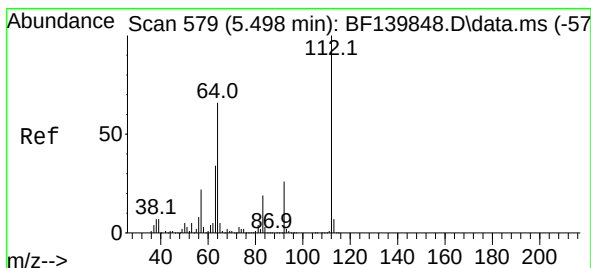
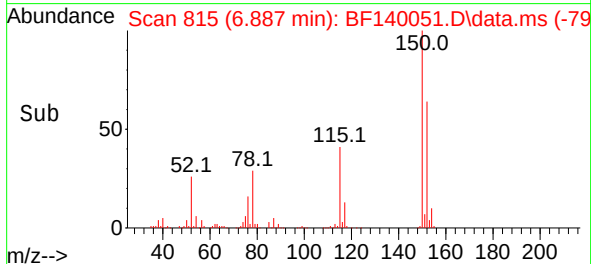
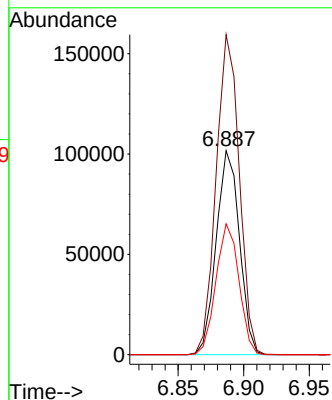
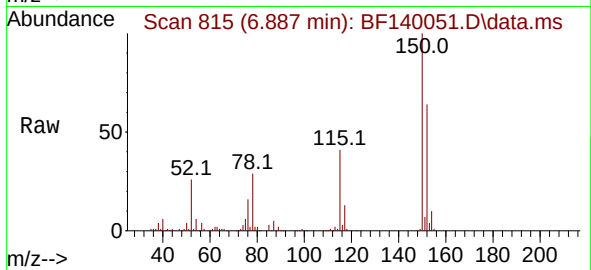




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140051.D
Acq: 26 Oct 2024 11:06

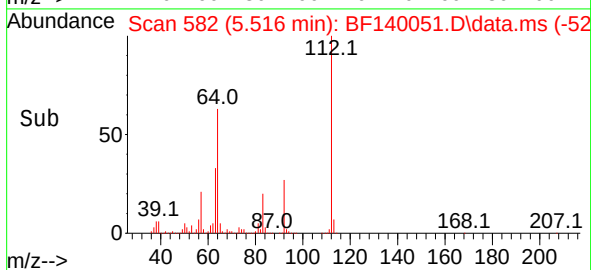
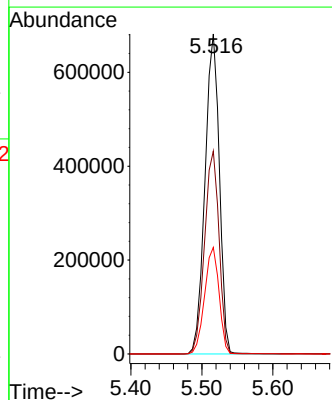
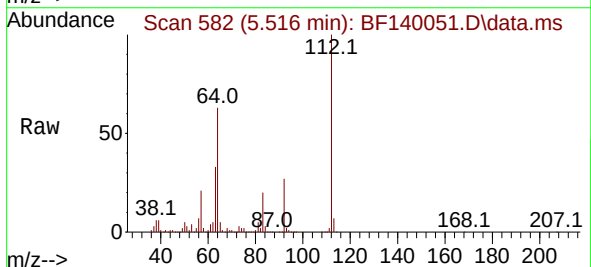
Instrument :
BNA_F
ClientSampleId :
PB164401BL

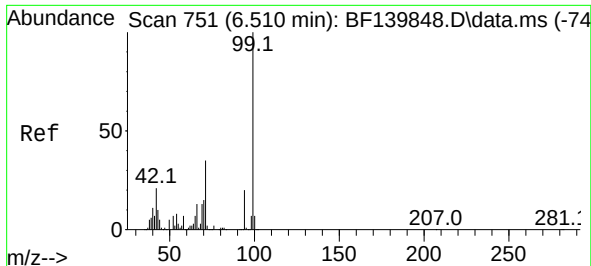
Tgt Ion:152 Resp: 125232
Ion Ratio Lower Upper
152 100
150 156.9 130.2 195.2
115 64.2 51.4 77.2



#5
2-Fluorophenol
Concen: 120.265 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140051.D
Acq: 26 Oct 2024 11:06

Tgt Ion:112 Resp: 962066
Ion Ratio Lower Upper
112 100
64 63.4 53.0 79.6
63 33.3 27.0 40.4

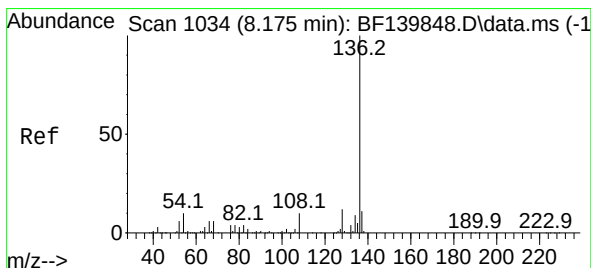
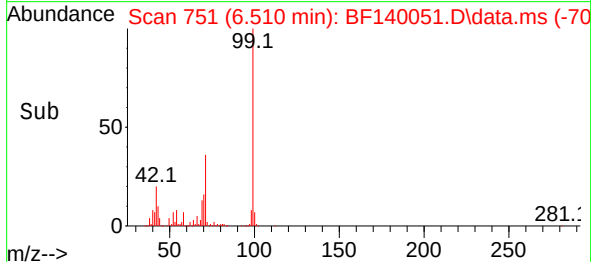
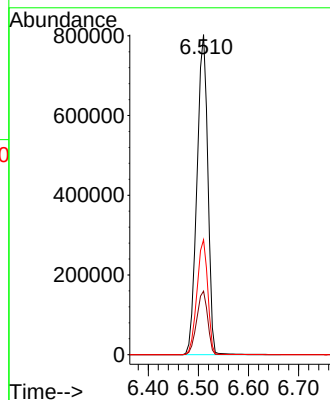
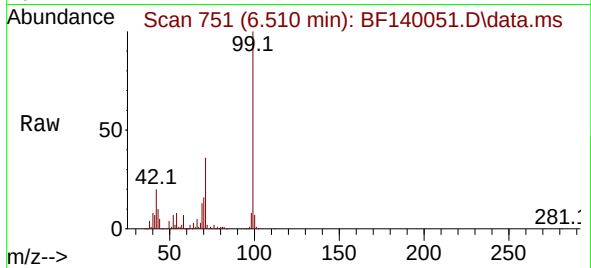




#7
Phenol-d6
Concen: 116.231 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140051.D
Acq: 26 Oct 2024 11:06

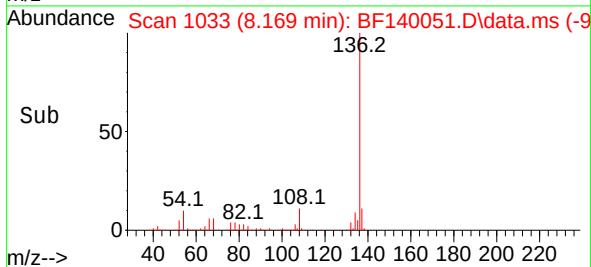
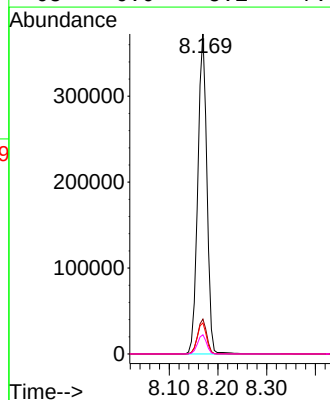
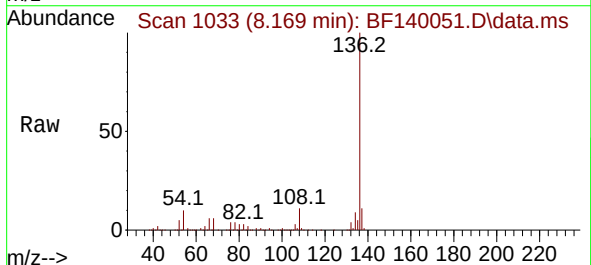
Instrument :
BNA_F
ClientSampleId :
PB164401BL

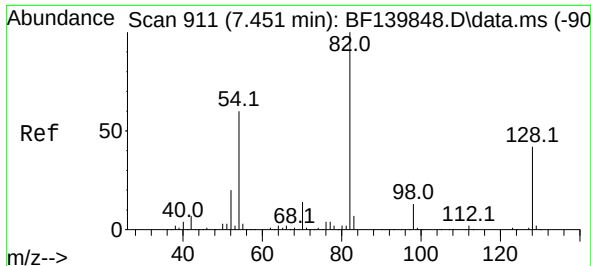
Tgt Ion: 99 Resp: 1204232
Ion Ratio Lower Upper
99 100
42 19.8 16.7 25.1
71 35.9 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140051.D
Acq: 26 Oct 2024 11:06

Tgt Ion:136 Resp: 486243
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.7 8.4 12.6
68 6.0 5.1 7.7





#23

Nitrobenzene-d5

Concen: 90.502 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140051.D

Acq: 26 Oct 2024 11:06

Instrument :

BNA_F

ClientSampleId :

PB164401BL

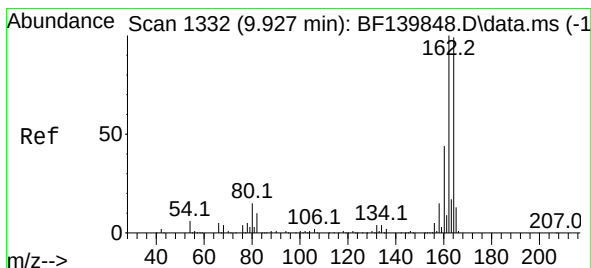
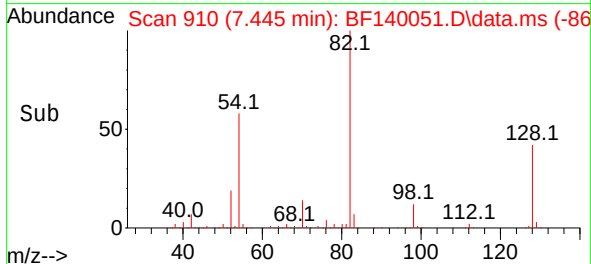
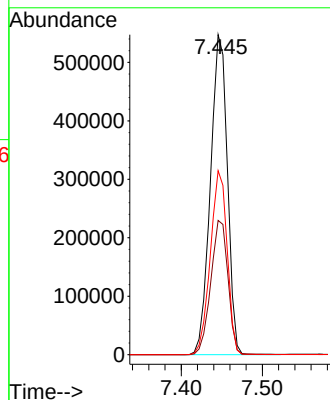
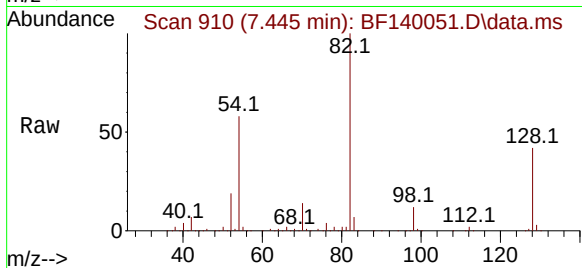
Tgt Ion: 82 Resp: 793994

Ion Ratio Lower Upper

82 100

128 42.0 33.4 50.0

54 57.5 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: BF140051.D

Acq: 26 Oct 2024 11:06

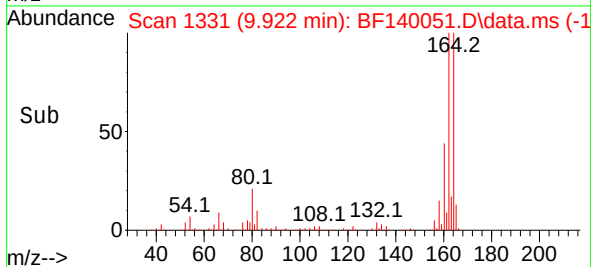
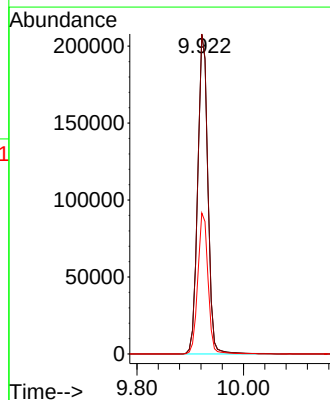
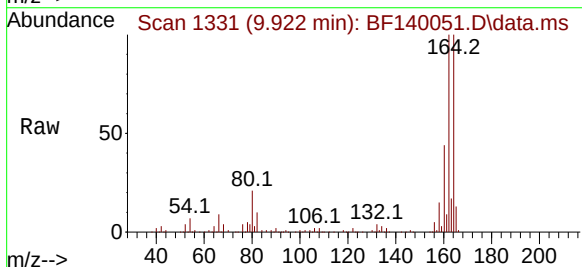
Tgt Ion:164 Resp: 274404

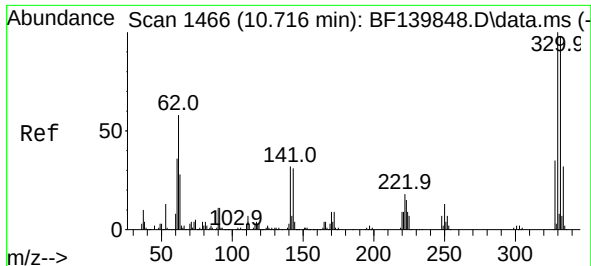
Ion Ratio Lower Upper

164 100

162 100.2 81.0 121.4

160 44.1 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 134.344 ng

RT: 10.716 min Scan# 1466

Delta R.T. 0.000 min

Lab File: BF140051.D

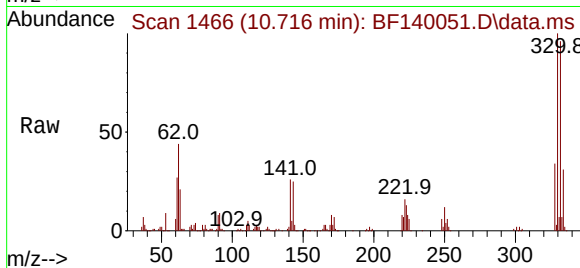
Acq: 26 Oct 2024 11:06

Instrument :

BNA_F

ClientSampleId :

PB164401BL



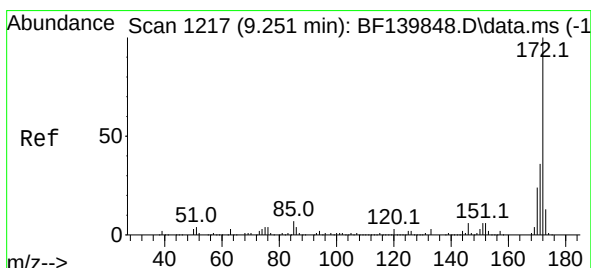
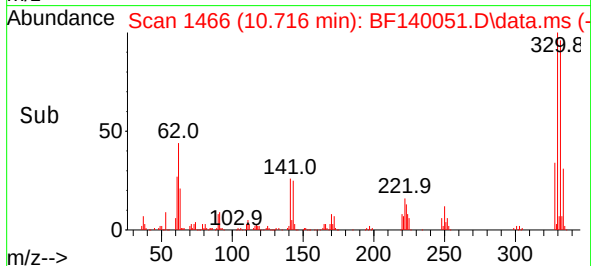
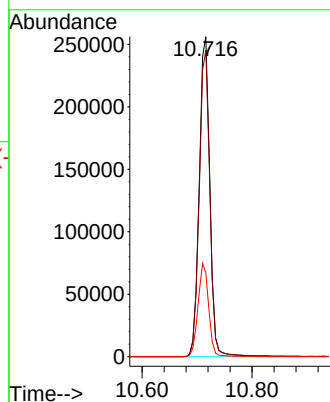
Tgt Ion:330 Resp: 344819

Ion Ratio Lower Upper

330 100

332 96.3 78.1 117.1

141 29.4 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 88.043 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140051.D

Acq: 26 Oct 2024 11:06

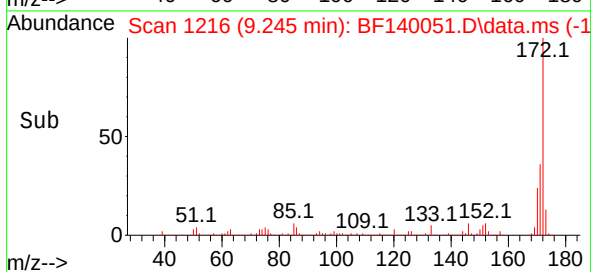
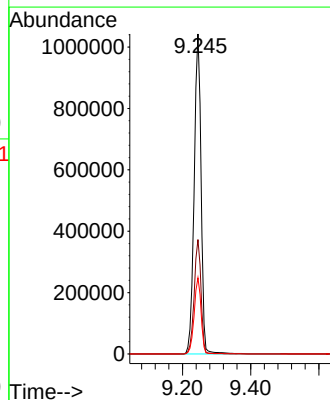
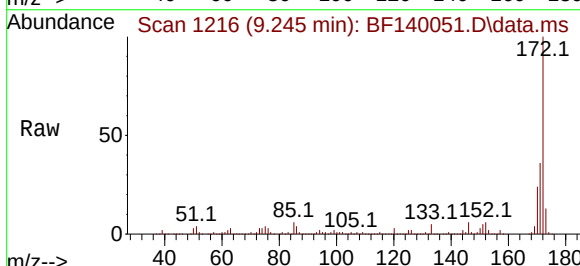
Tgt Ion:172 Resp: 1461812

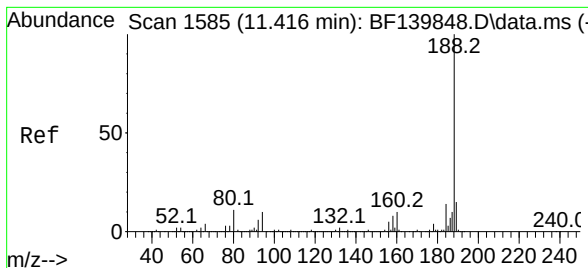
Ion Ratio Lower Upper

172 100

171 35.7 28.6 43.0

170 23.8 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1584

Delta R.T. -0.006 min

Lab File: BF140051.D

Acq: 26 Oct 2024 11:06

Instrument :

BNA_F

ClientSampleId :

PB164401BL

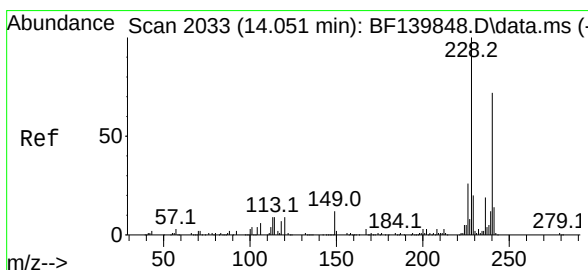
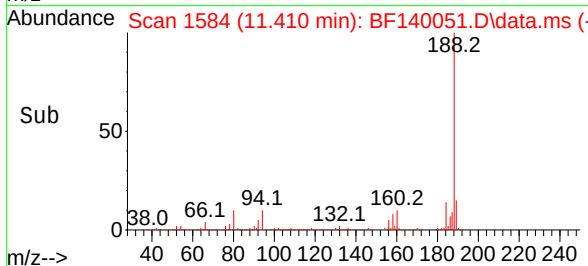
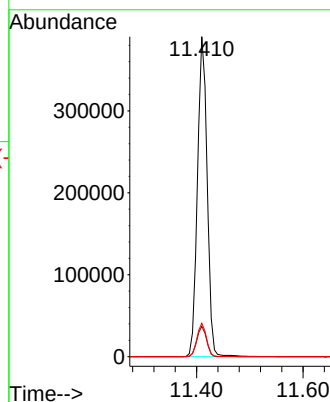
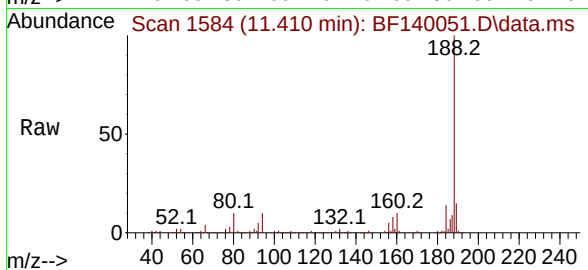
Tgt Ion:188 Resp: 492863

Ion Ratio Lower Upper

188 100

94 9.5 7.9 11.9

80 10.4 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF140051.D

Acq: 26 Oct 2024 11:06

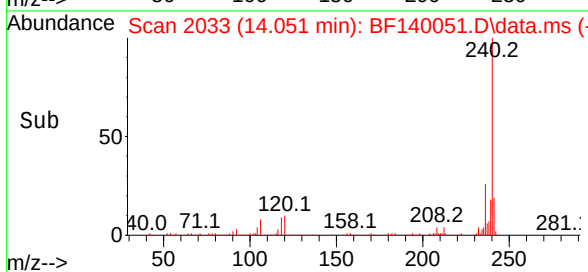
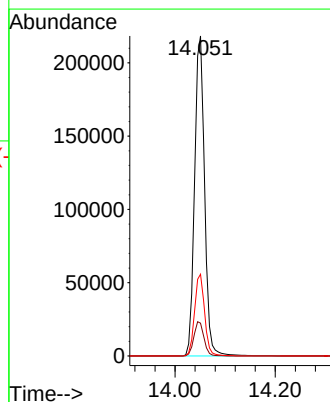
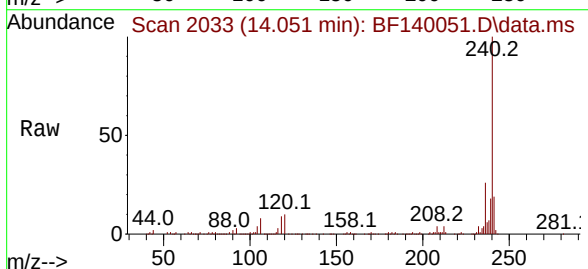
Tgt Ion:240 Resp: 300716

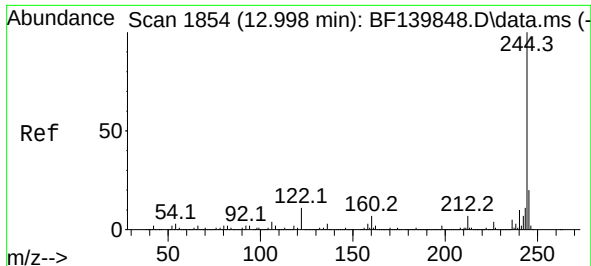
Ion Ratio Lower Upper

240 100

120 10.3 9.4 14.2

236 25.5 20.9 31.3





#79

Terphenyl-d14

Concen: 88.465 ng

RT: 12.998 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140051.D

Acq: 26 Oct 2024 11:06

Instrument :

BNA_F

ClientSampleId :

PB164401BL

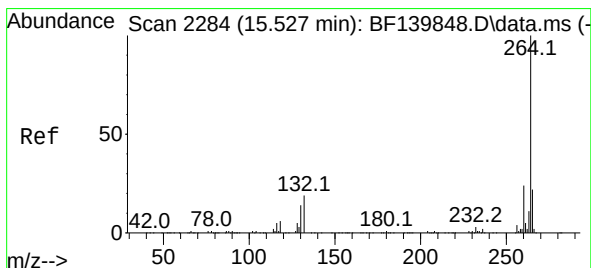
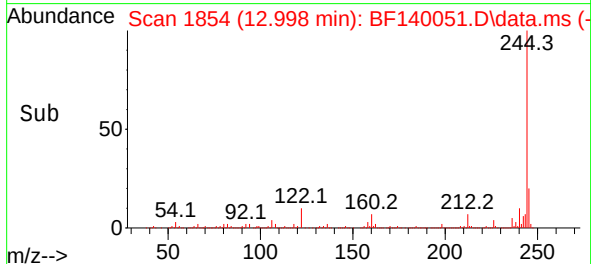
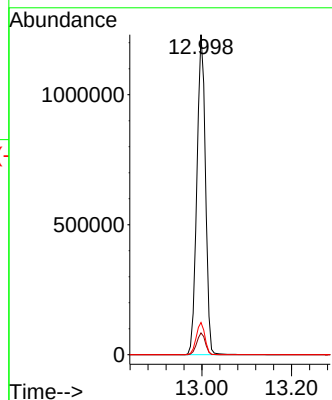
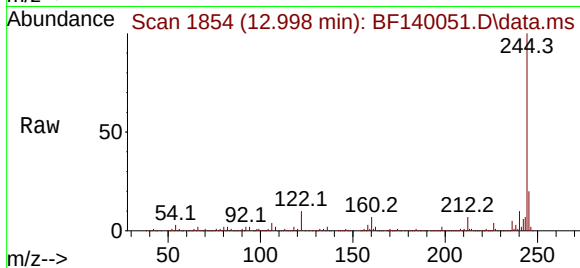
Tgt Ion:244 Resp: 1632590

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

122 10.1 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: BF140051.D

Acq: 26 Oct 2024 11:06

Tgt Ion:264 Resp: 248143

Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.2

265 21.7 17.4 26.0

