

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110124\
Data File : BF140201.D
Acq On : 01 Nov 2024 09:49
Operator : RC/JU
Sample : PB164558BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB164558BL

Quant Time: Nov 01 11:18:12 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	6.881	152	130306	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	526301	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	304865	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	589539	20.000	ng	0.00
76) Chrysene-d12	14.068	240	439060	20.000	ng	0.02
86) Perylene-d12	15.574	264	357043	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1023395	122.950	ng	0.02
7) Phenol-d6	6.510	99	1331053	123.469	ng	0.00
23) Nitrobenzene-d5	7.445	82	897794	94.545	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	417935	146.561	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1626431	88.170	ng	-0.01
79) Terphenyl-d14	13.016	244	2143125	79.538	ng	0.02

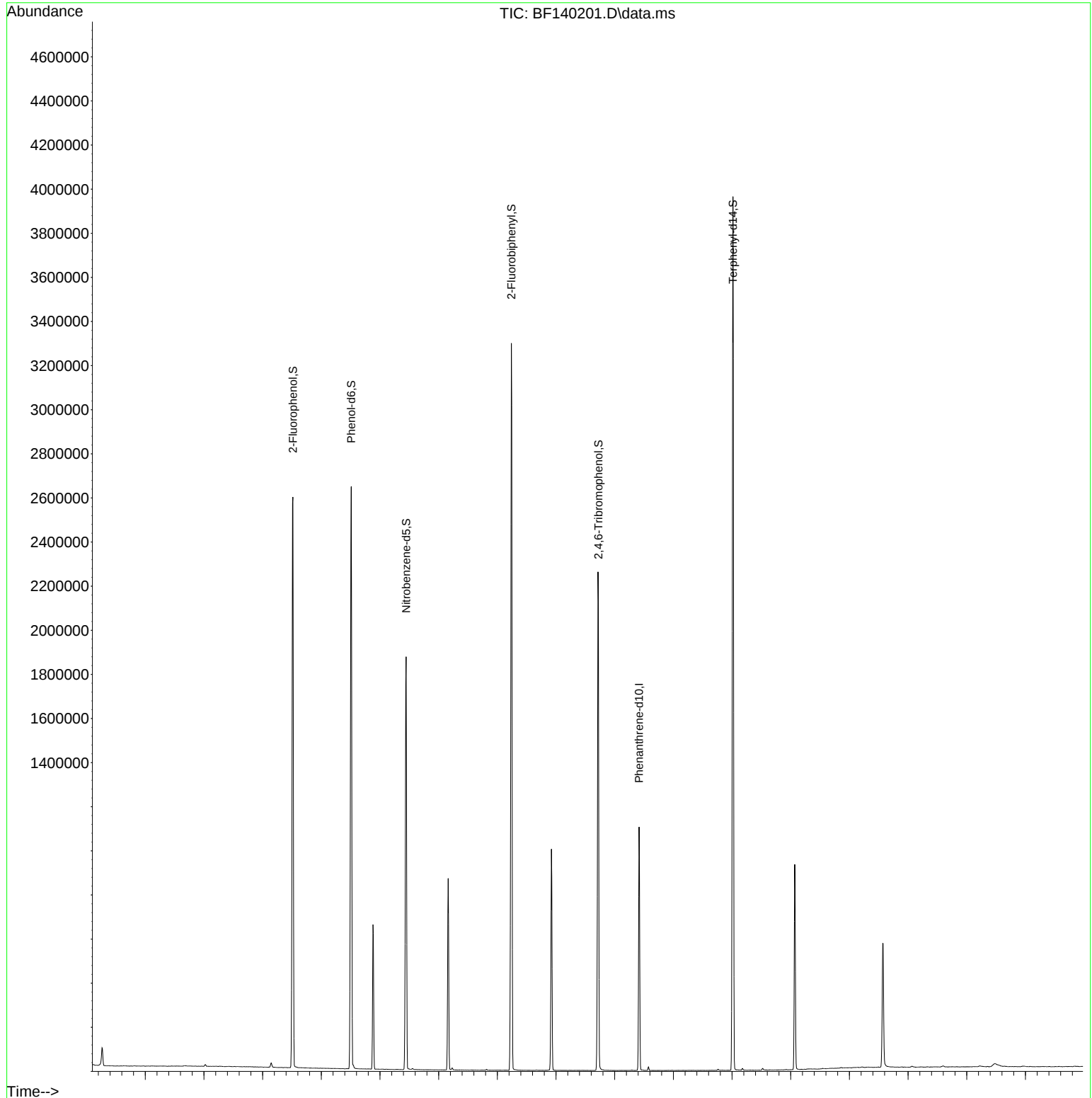
Target Compounds Qvalue

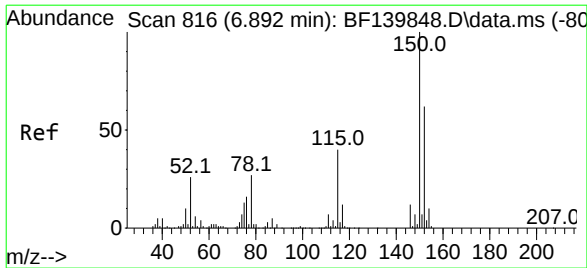
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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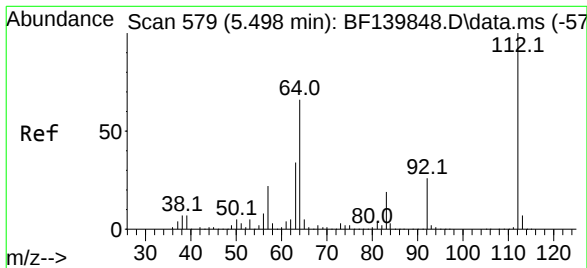
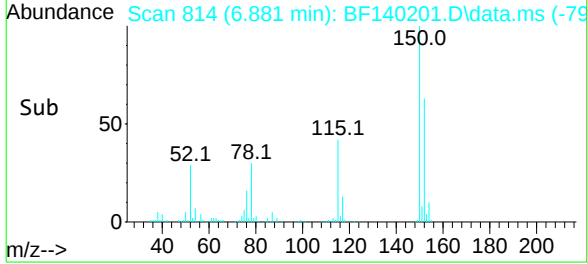
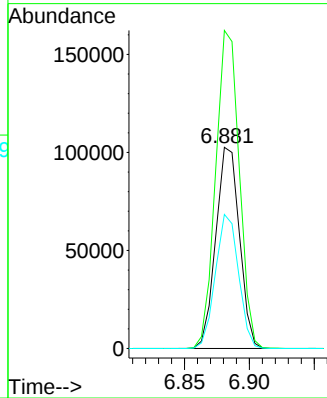
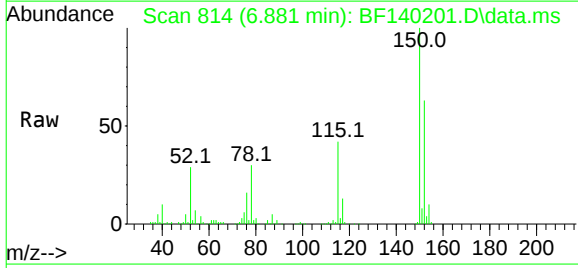




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.011 min
Lab File: BF140201.D
Acq: 01 Nov 2024 09:49

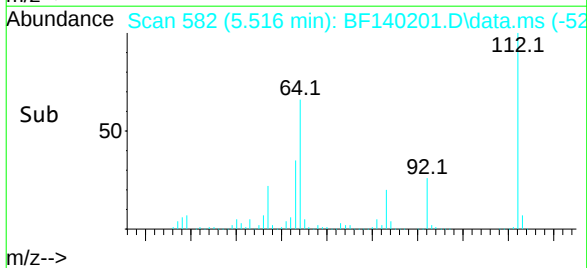
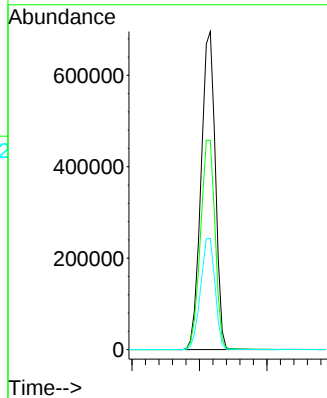
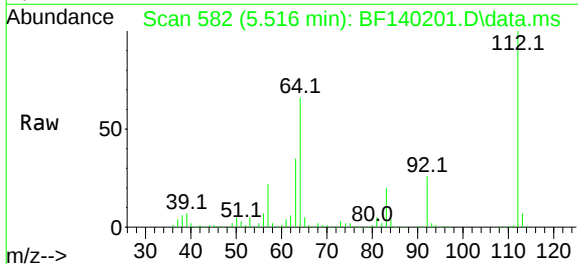
Instrument :
BNA_F
ClientSampleId :
PB164558BL

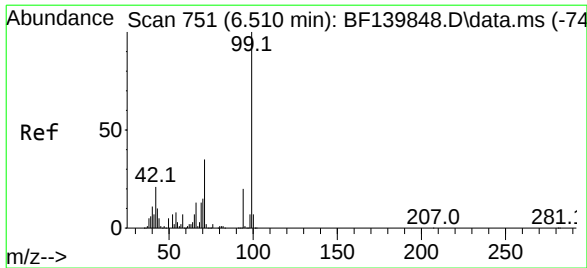
Tgt Ion:152 Resp: 130306
Ion Ratio Lower Upper
152 100
150 158.1 130.2 195.2
115 66.6 51.4 77.2



#5
2-Fluorophenol
Concen: 122.950 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140201.D
Acq: 01 Nov 2024 09:49

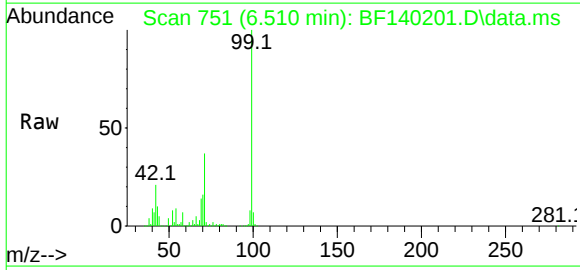
Tgt Ion:112 Resp: 1023395
Ion Ratio Lower Upper
112 100
64 65.8 53.0 79.6
63 34.9 27.0 40.4



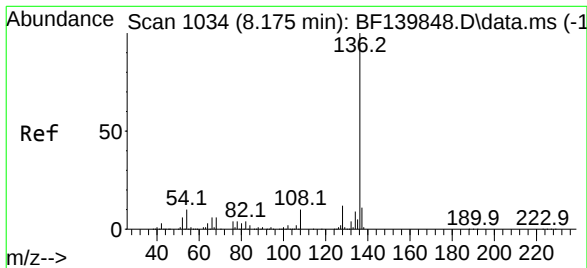
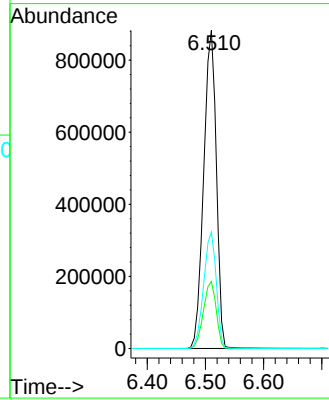
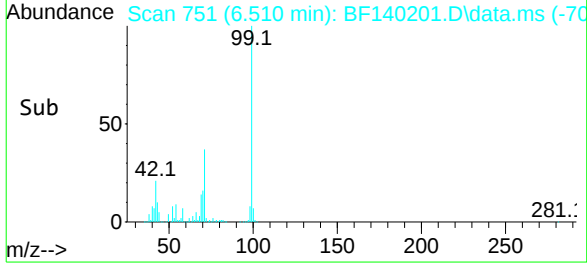


#7
Phenol-d6
Concen: 123.469 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF140201.D
Acq: 01 Nov 2024 09:49

Instrument :
BNA_F
ClientSampleId :
PB164558BL

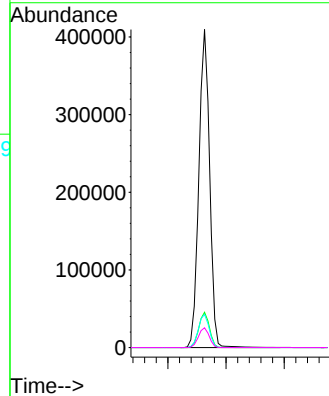
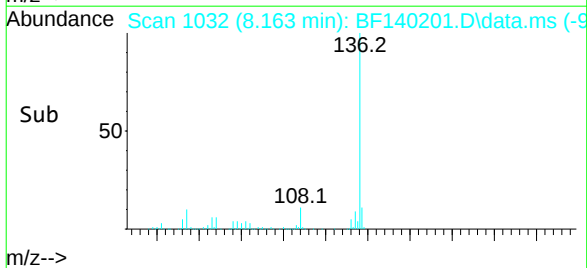
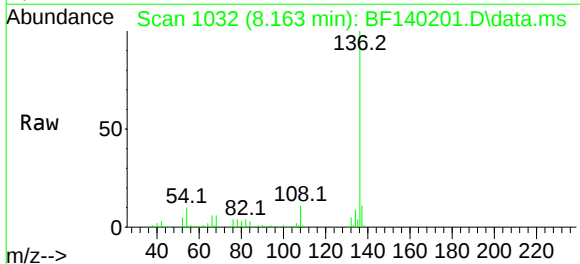


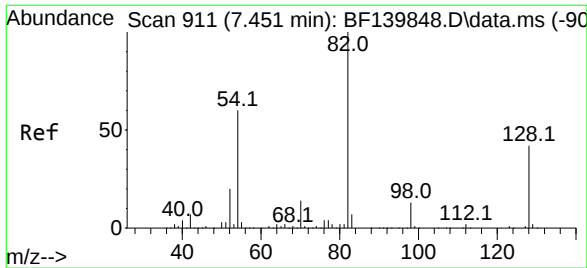
Tgt Ion: 99 Resp: 1331053
Ion Ratio Lower Upper
99 100
42 21.1 16.7 25.1
71 36.6 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF140201.D
Acq: 01 Nov 2024 09:49

Tgt Ion: 136 Resp: 526301
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 10.4 8.4 12.6
68 6.2 5.1 7.7

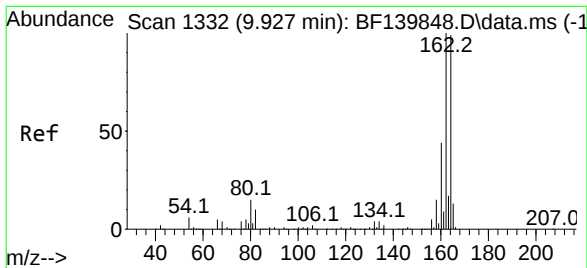
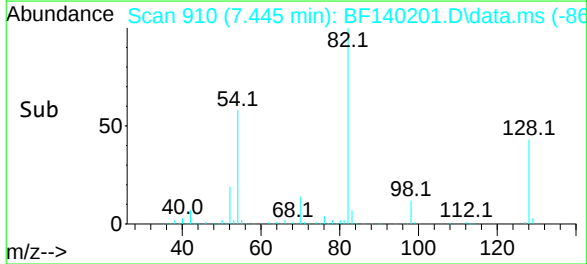
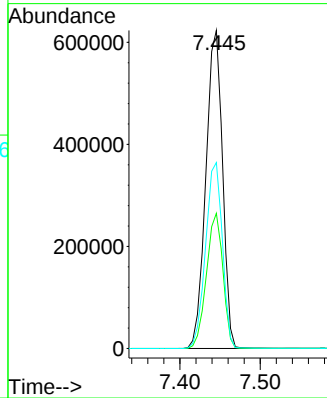
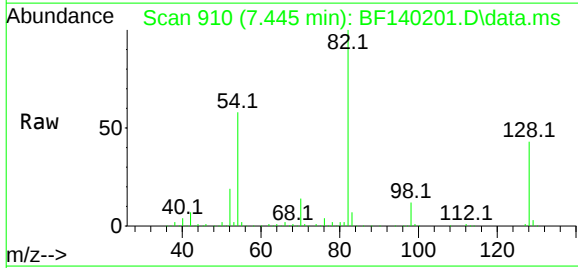




#23
 Nitrobenzene-d5
 Concen: 94.545 ng
 RT: 7.445 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: BF140201.D
 Acq: 01 Nov 2024 09:49

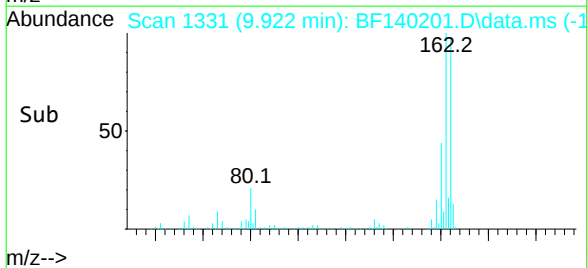
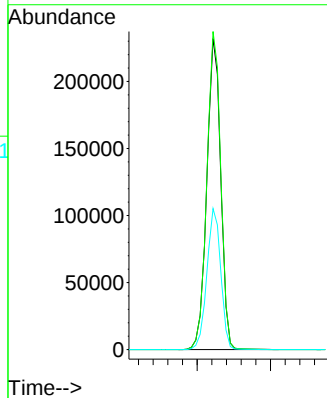
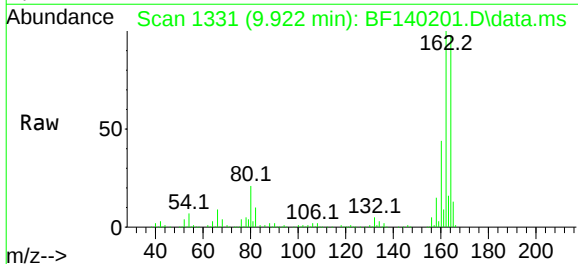
Instrument :
 BNA_F
 ClientSampleId :
 PB164558BL

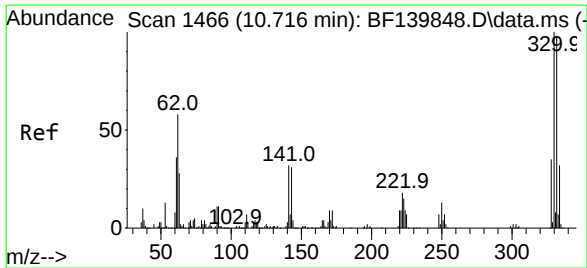
Tgt Ion: 82 Resp: 897794
 Ion Ratio Lower Upper
 82 100
 128 42.5 33.4 50.0
 54 58.5 47.8 71.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.922 min Scan# 1331
 Delta R.T. -0.005 min
 Lab File: BF140201.D
 Acq: 01 Nov 2024 09:49

Tgt Ion: 164 Resp: 304865
 Ion Ratio Lower Upper
 164 100
 162 102.3 81.0 121.4
 160 45.3 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 146.561 ng

RT: 10.722 min Scan# 1466

Delta R.T. 0.006 min

Lab File: BF140201.D

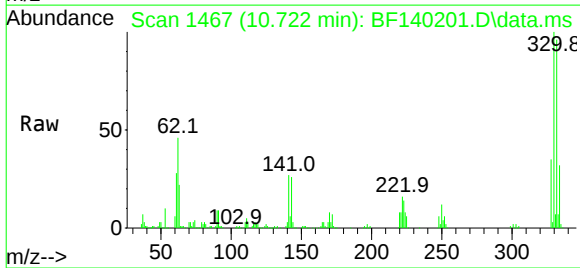
Acq: 01 Nov 2024 09:49

Instrument :

BNA_F

ClientSampleId :

PB164558BL



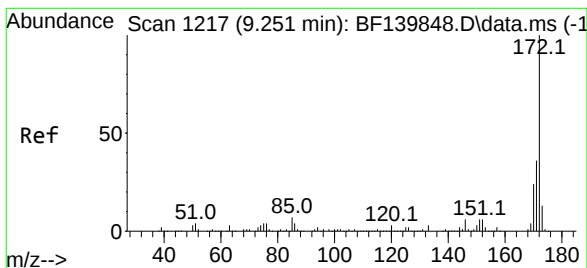
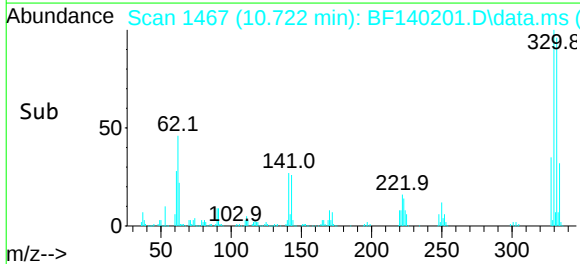
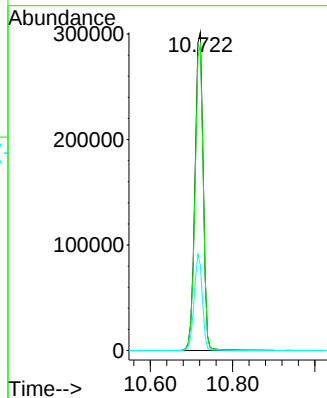
Tgt Ion: 330 Resp: 417935

Ion Ratio Lower Upper

330 100

332 95.8 78.1 117.1

141 30.1 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 88.170 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.012 min

Lab File: BF140201.D

Acq: 01 Nov 2024 09:49

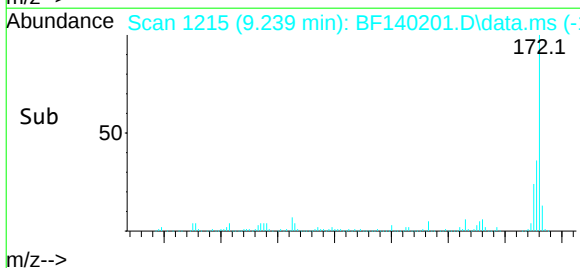
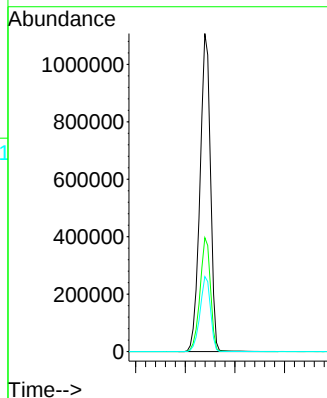
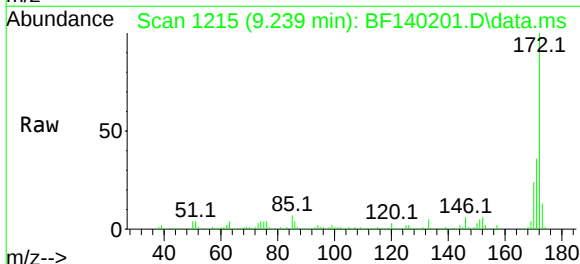
Tgt Ion: 172 Resp: 1626431

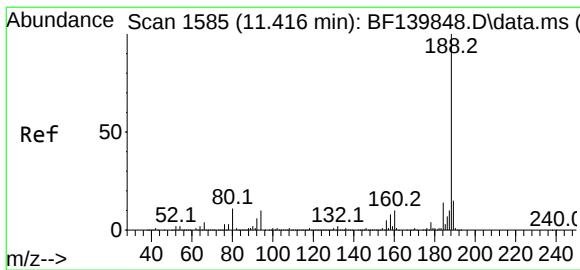
Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

170 23.6 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 15

Delta R.T. 0.000 min

Lab File: BF140201.D

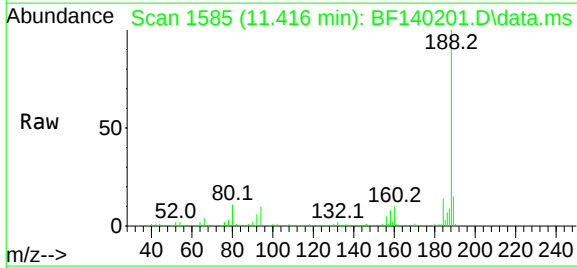
Acq: 01 Nov 2024 09:49

Instrument :

BNA_F

ClientSampleId :

PB164558BL



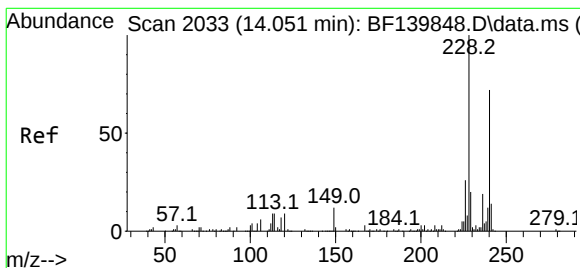
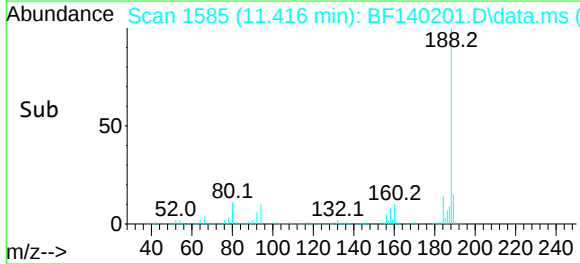
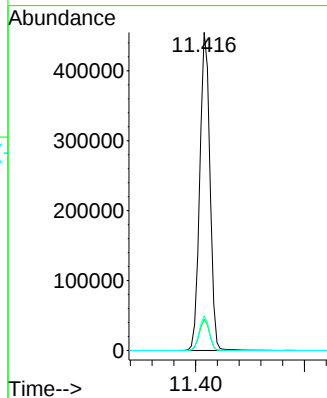
Tgt Ion:188 Resp: 589539

Ion Ratio Lower Upper

188 100

94 9.8 7.9 11.9

80 10.8 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.068 min Scan# 2036

Delta R.T. 0.018 min

Lab File: BF140201.D

Acq: 01 Nov 2024 09:49

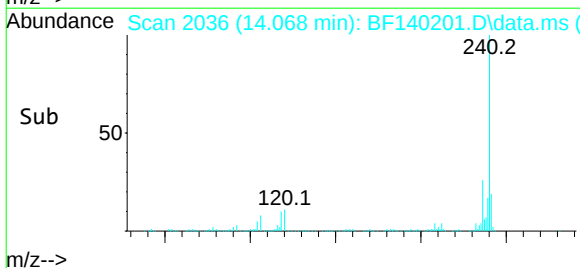
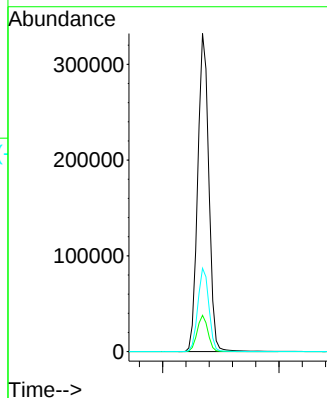
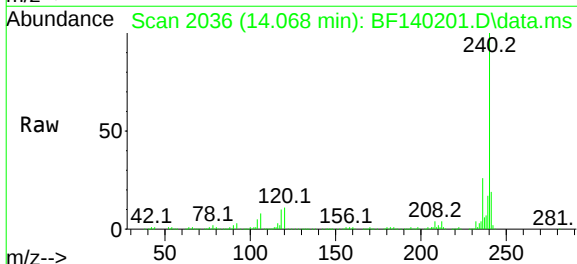
Tgt Ion:240 Resp: 439060

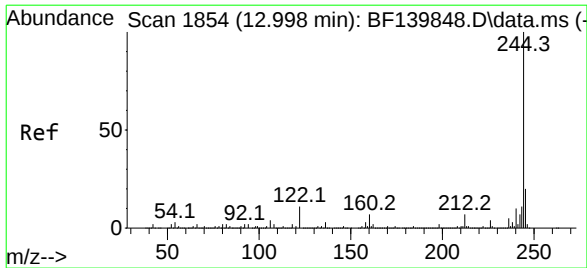
Ion Ratio Lower Upper

240 100

120 11.4 9.4 14.2

236 26.2 20.9 31.3





#79

Terphenyl-d14

Concen: 79.538 ng

RT: 13.016 min Scan# 18

Delta R.T. 0.018 min

Lab File: BF140201.D

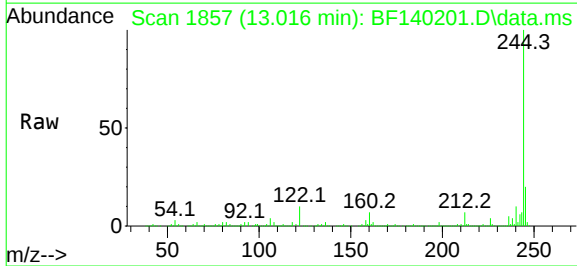
Acq: 01 Nov 2024 09:49

Instrument :

BNA_F

ClientSampleId :

PB164558BL



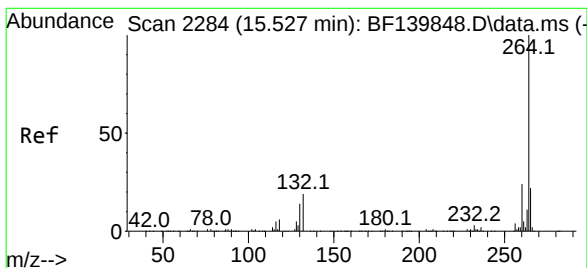
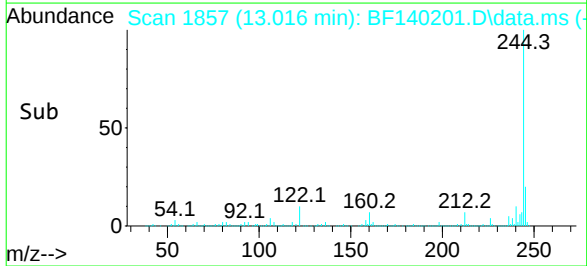
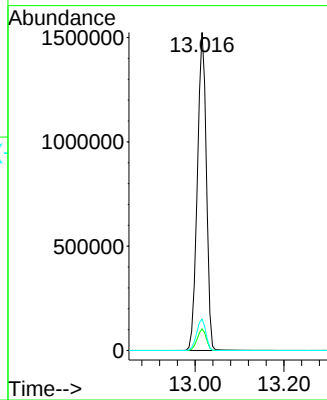
Tgt Ion:244 Resp: 2143125

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

122 9.8 8.6 13.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.574 min Scan# 2292

Delta R.T. 0.047 min

Lab File: BF140201.D

Acq: 01 Nov 2024 09:49

Tgt Ion:264 Resp: 357043

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.2

265 21.3 17.4 26.0

