

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
 Data File : BF140352.D
 Acq On : 14 Nov 2024 10:08
 Operator : RC/JU
 Sample : PB164908BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164908BL

Quant Time: Nov 14 10:50:07 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	136682	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	536827	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	304122	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	589281	20.000	ng	0.00
76) Chrysene-d12	14.051	240	363777	20.000	ng	0.00
86) Perylene-d12	15.562	264	308868	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1082242	135.190	ng	0.01
7) Phenol-d6	6.504	99	1421106	131.026	ng	0.00
23) Nitrobenzene-d5	7.434	82	936271	90.872	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	390895	129.253	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1703682	90.054	ng	0.00
79) Terphenyl-d14	12.986	244	1962230	93.629	ng	0.00

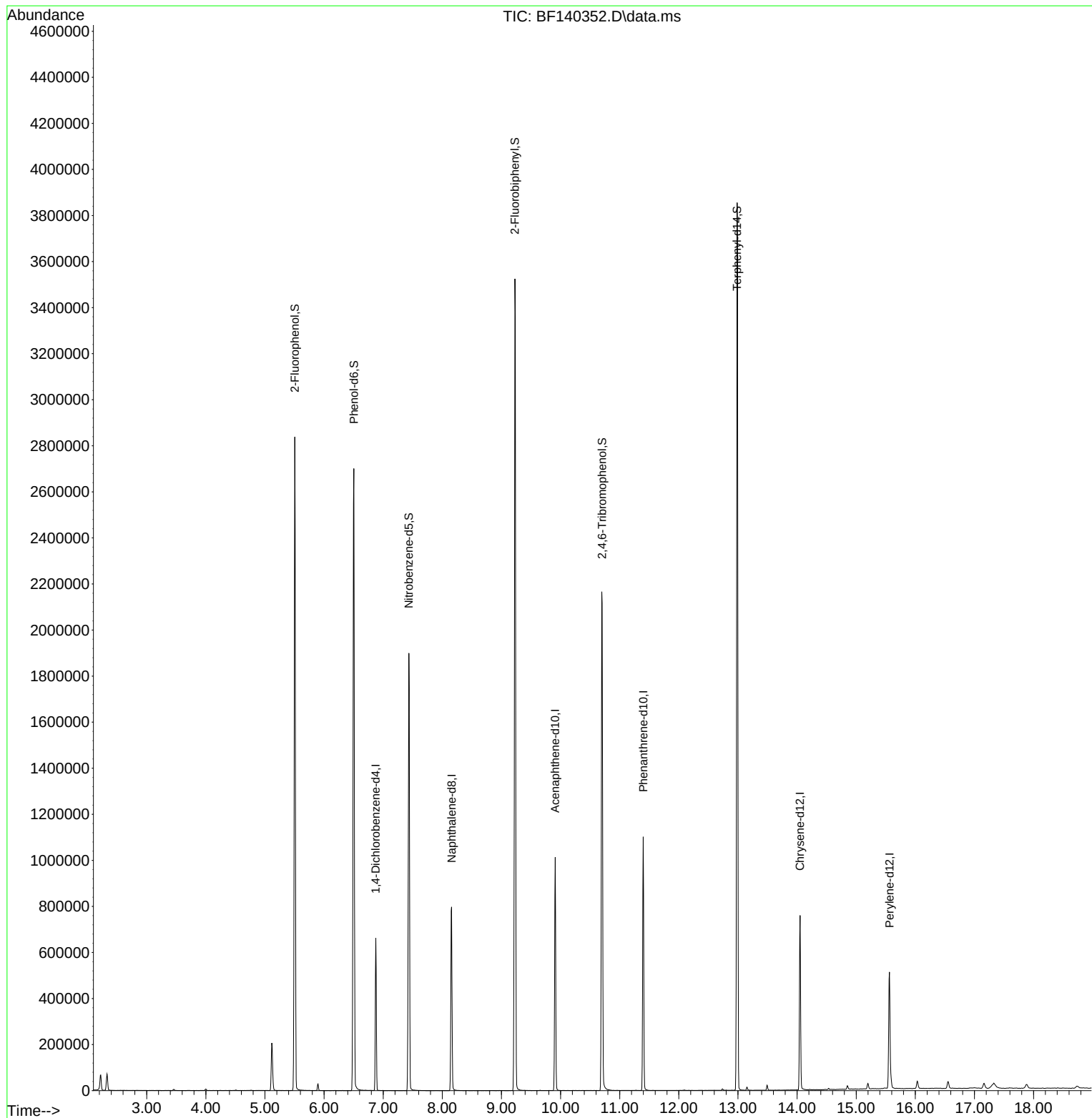
Target Compounds	Qvalue

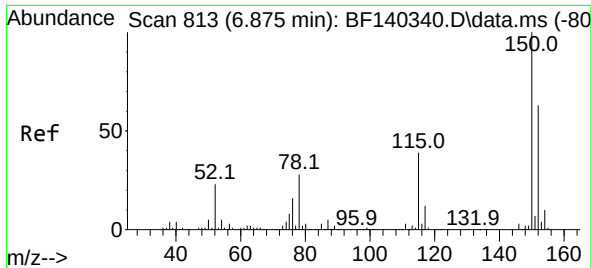
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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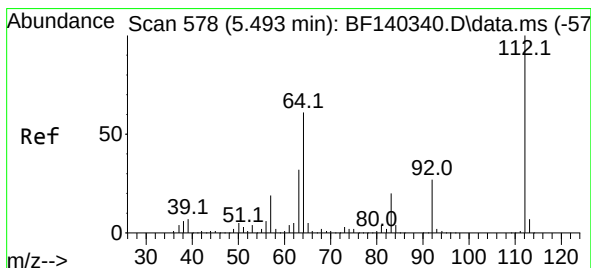
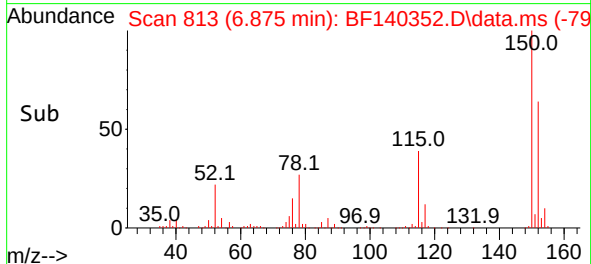
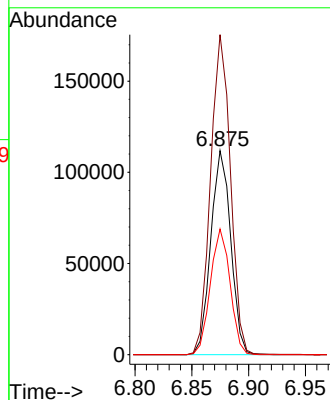
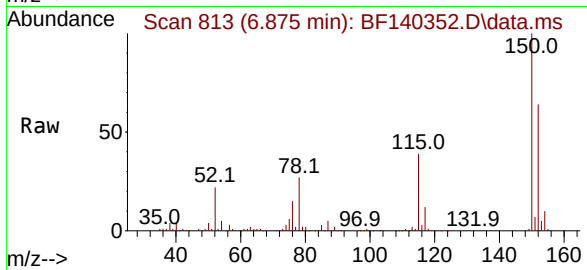




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140352.D
Acq: 14 Nov 2024 10:08

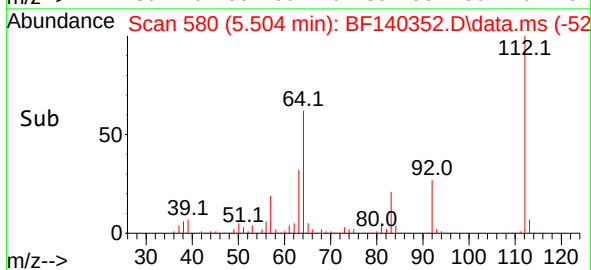
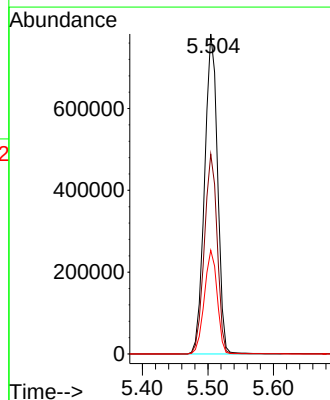
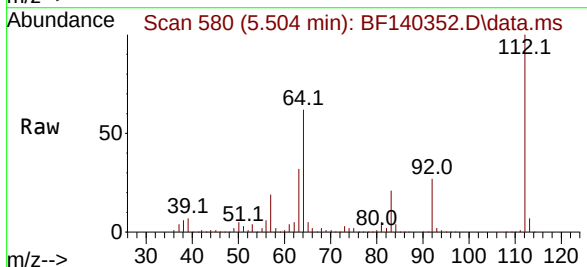
Instrument :
BNA_F
ClientSampleId :
PB164908BL

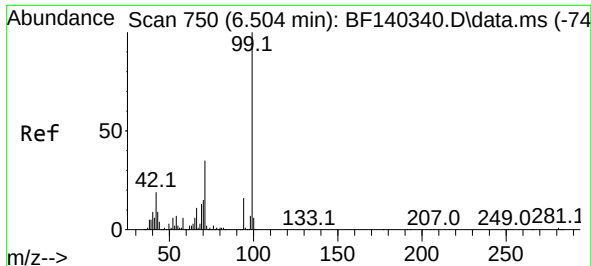
Tgt Ion:152 Resp: 136682
Ion Ratio Lower Upper
152 100
150 156.8 127.4 191.0
115 61.6 47.4 71.2



#5
2-Fluorophenol
Concen: 135.190 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF140352.D
Acq: 14 Nov 2024 10:08

Tgt Ion:112 Resp: 1082242
Ion Ratio Lower Upper
112 100
64 62.5 49.2 73.8
63 32.4 25.6 38.4

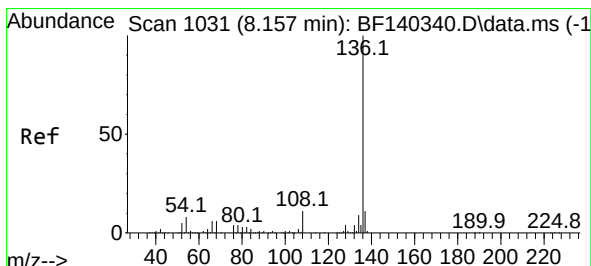
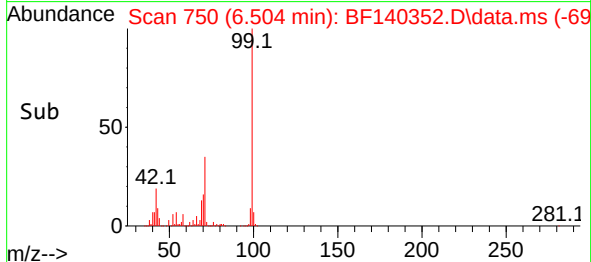
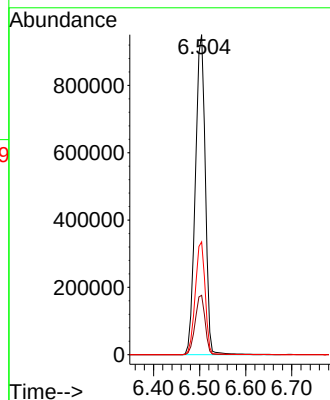
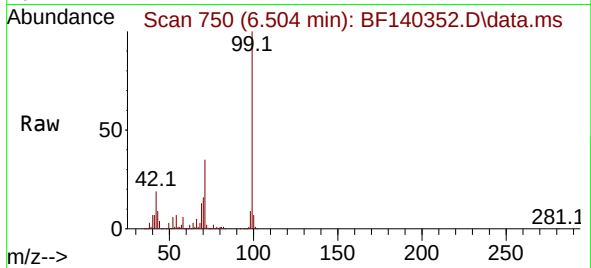




#7
Phenol-d6
Concen: 131.026 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF140352.D
Acq: 14 Nov 2024 10:08

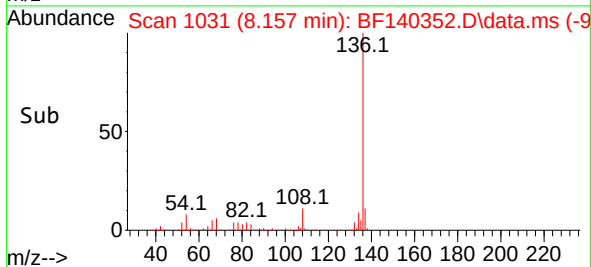
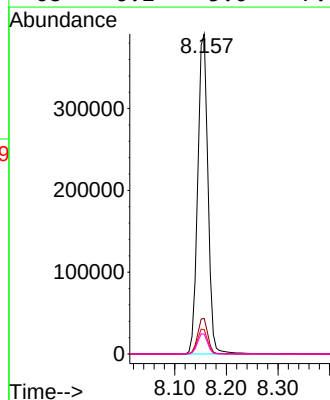
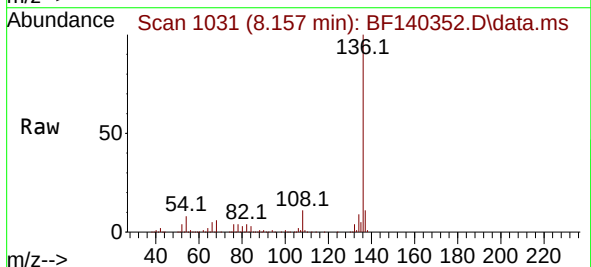
Instrument :
BNA_F
ClientSampleId :
PB164908BL

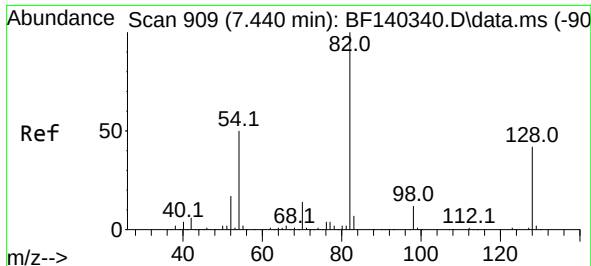
Tgt Ion: 99 Resp: 1421106
Ion Ratio Lower Upper
99 100
42 18.6 15.1 22.7
71 35.3 27.9 41.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF140352.D
Acq: 14 Nov 2024 10:08

Tgt Ion:136 Resp: 536827
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 7.6 6.5 9.7
68 6.2 5.0 7.6

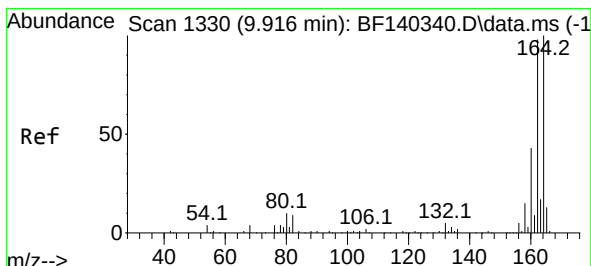
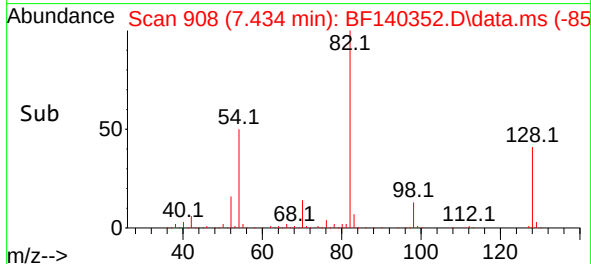
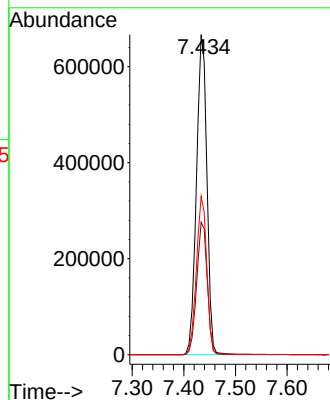
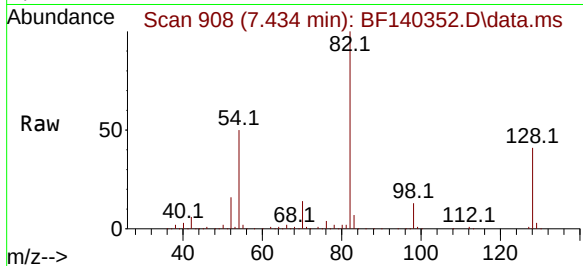




#23
 Nitrobenzene-d5
 Concen: 90.872 ng
 RT: 7.434 min Scan# 909
 Delta R.T. -0.006 min
 Lab File: BF140352.D
 Acq: 14 Nov 2024 10:08

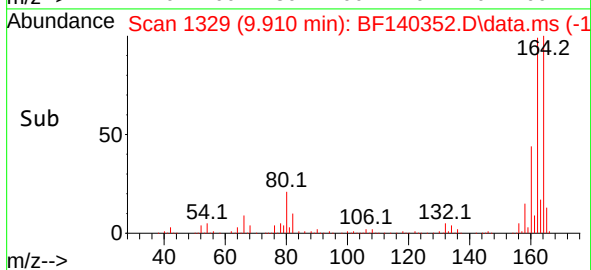
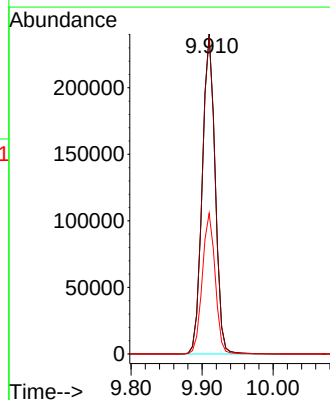
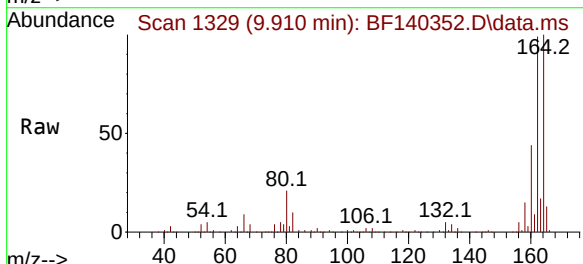
Instrument :
 BNA_F
 ClientSampleId :
 PB164908BL

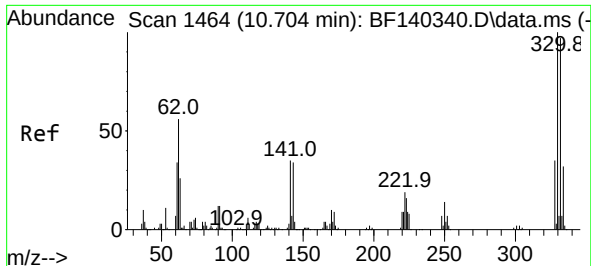
Tgt Ion: 82 Resp: 936271
 Ion Ratio Lower Upper
 82 100
 128 41.4 33.3 49.9
 54 49.5 39.8 59.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.910 min Scan# 1329
 Delta R.T. -0.006 min
 Lab File: BF140352.D
 Acq: 14 Nov 2024 10:08

Tgt Ion:164 Resp: 304122
 Ion Ratio Lower Upper
 164 100
 162 99.4 79.8 119.8
 160 44.0 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 129.253 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.000 min

Lab File: BF140352.D

Acq: 14 Nov 2024 10:08

Instrument :

BNA_F

ClientSampleId :

PB164908BL

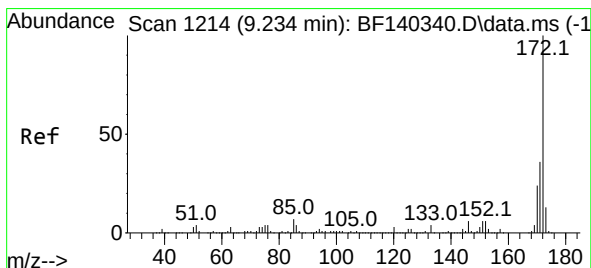
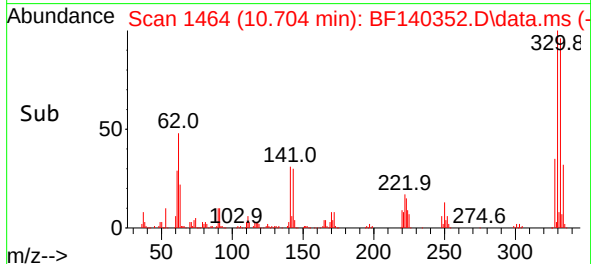
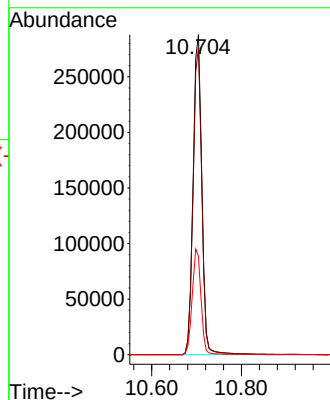
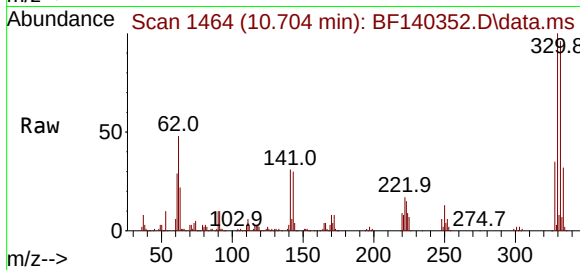
Tgt Ion:330 Resp: 390895

Ion Ratio Lower Upper

330 100

332 95.9 75.9 113.9

141 33.3 26.9 40.3



#45

2-Fluorobiphenyl

Concen: 90.054 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140352.D

Acq: 14 Nov 2024 10:08

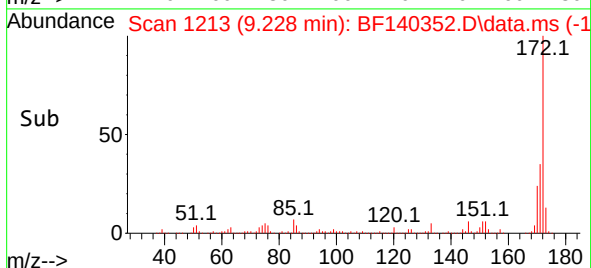
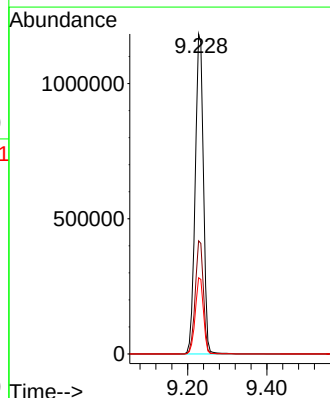
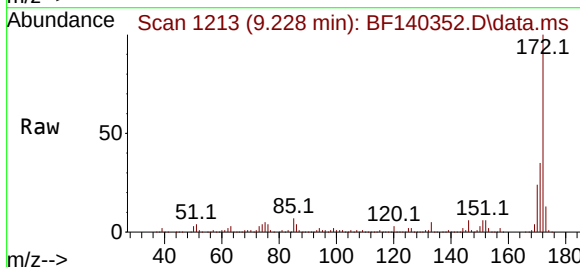
Tgt Ion:172 Resp: 1703682

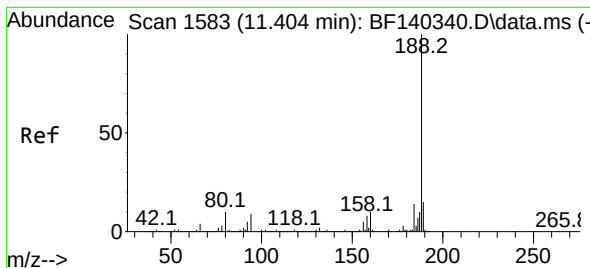
Ion Ratio Lower Upper

172 100

171 35.4 28.5 42.7

170 23.8 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: BF140352.D

Acq: 14 Nov 2024 10:08

Instrument :

BNA_F

ClientSampleId :

PB164908BL

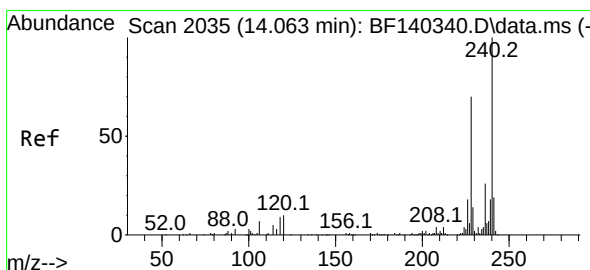
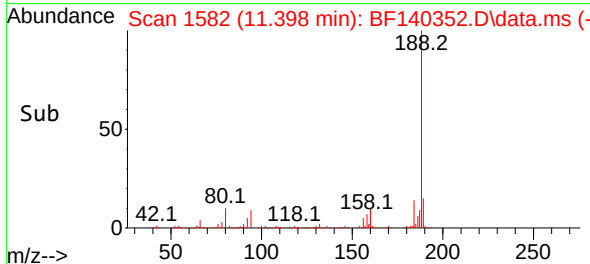
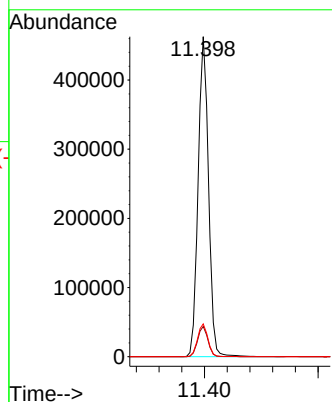
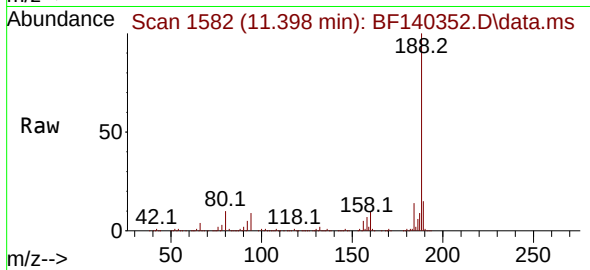
Tgt Ion:188 Resp: 589281

Ion Ratio Lower Upper

188 100

94 9.4 7.6 11.4

80 10.3 8.0 12.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. -0.000 min

Lab File: BF140352.D

Acq: 14 Nov 2024 10:08

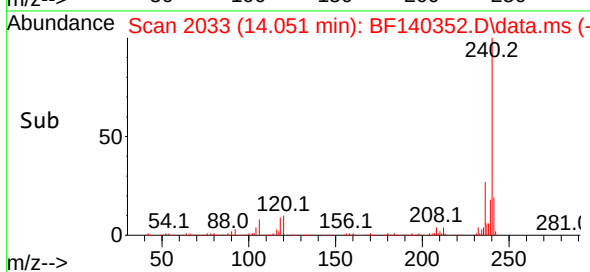
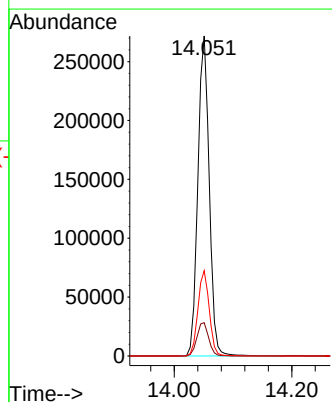
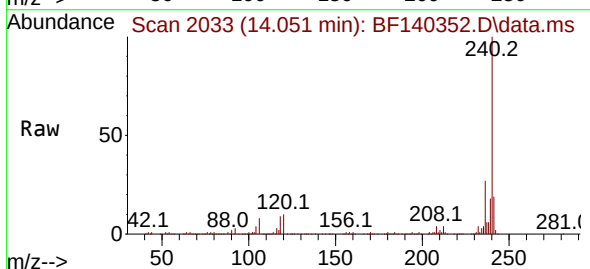
Tgt Ion:240 Resp: 363777

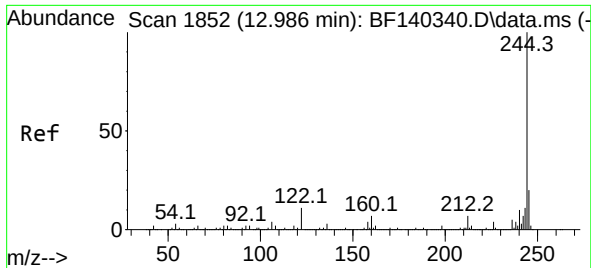
Ion Ratio Lower Upper

240 100

120 10.4 8.8 13.2

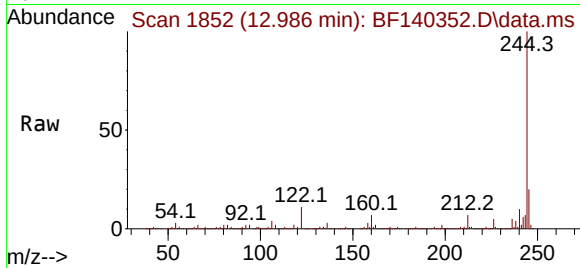
236 26.6 20.9 31.3



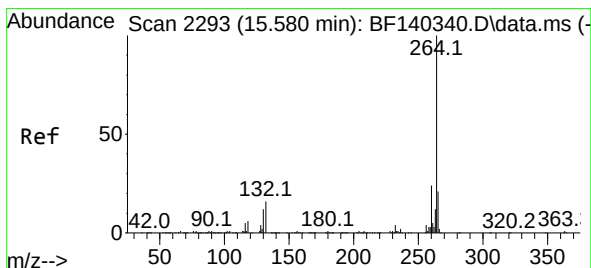
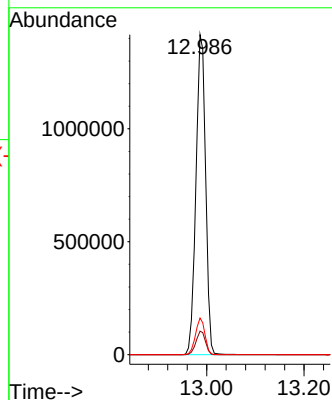
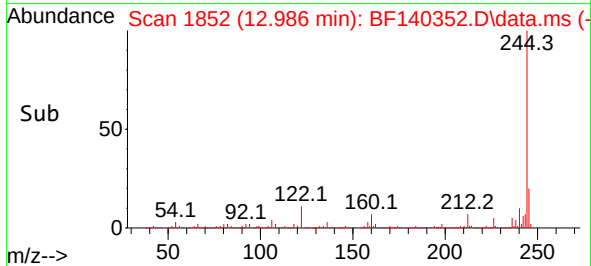


#79
 Terphenyl-d14
 Concen: 93.629 ng
 RT: 12.986 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF140352.D
 Acq: 14 Nov 2024 10:08

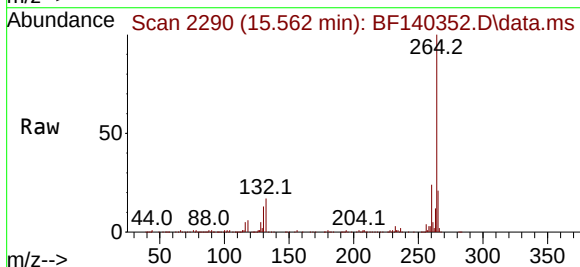
Instrument :
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Tgt Ion:244 Resp: 1962230
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 11.5 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.562 min Scan# 2290
 Delta R.T. 0.006 min
 Lab File: BF140352.D
 Acq: 14 Nov 2024 10:08



Tgt Ion:264 Resp: 308868
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.3 17.1 25.7

