

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111824\
 Data File : BF140460.D
 Acq On : 18 Nov 2024 18:06
 Operator : RC/JU
 Sample : P4871-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-10-A-202411

Quant Time: Nov 19 00:21:43 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	133008	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	502386	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	224448	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	533842	20.000	ng	0.00
76) Chrysene-d12	14.039	240	279485	20.000	ng	-0.01
86) Perylene-d12	15.533	264	12426	20.000	ng	#-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1004872	128.992	ng	0.02
7) Phenol-d6	6.510	99	1123881	106.485	ng	0.00
23) Nitrobenzene-d5	7.433	82	942762	97.774	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	435695	195.207	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1718923	123.113	ng	0.00
79) Terphenyl-d14	12.986	244	1967463	122.193	ng	0.00

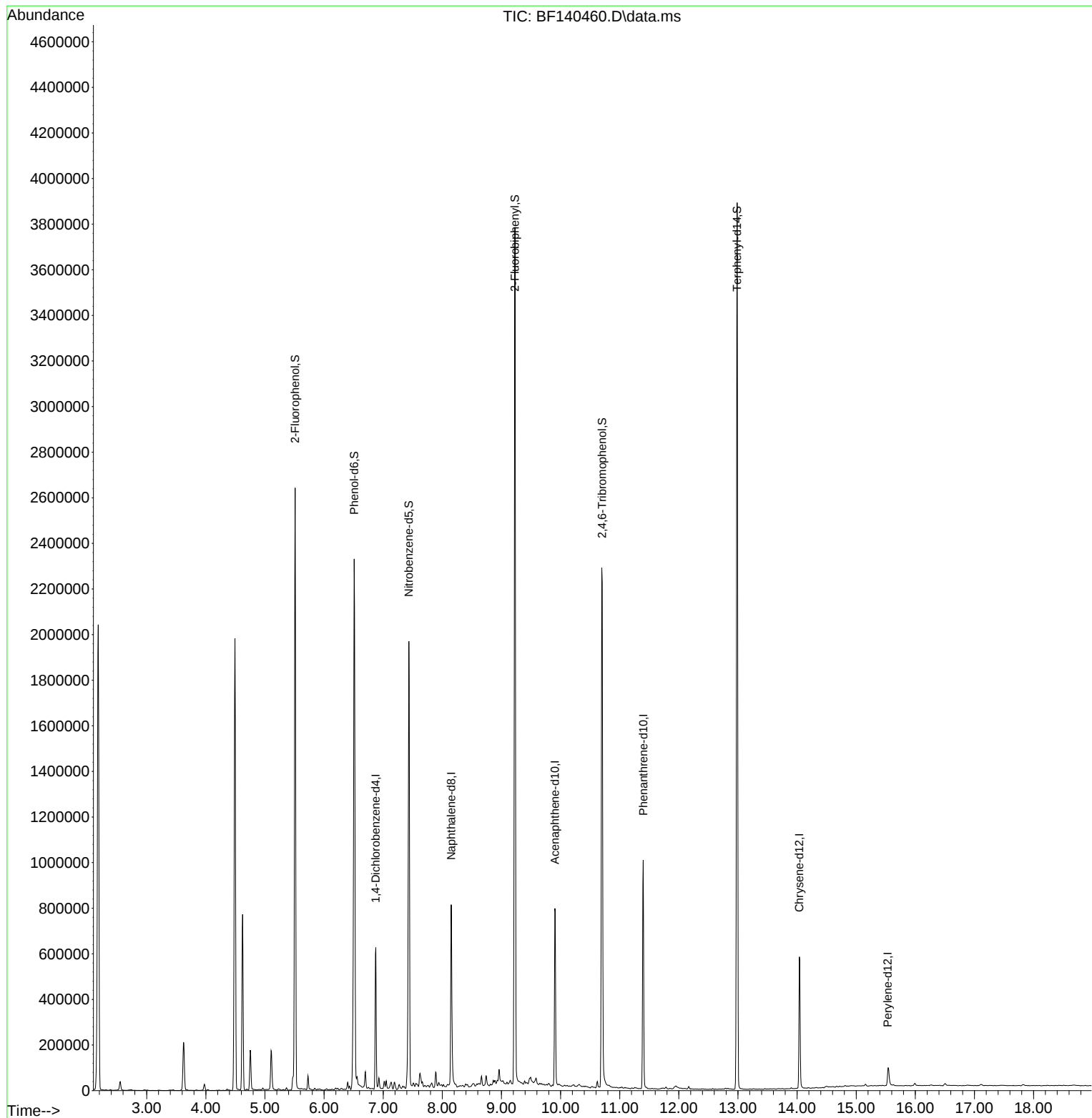
Target Compounds	Qvalue

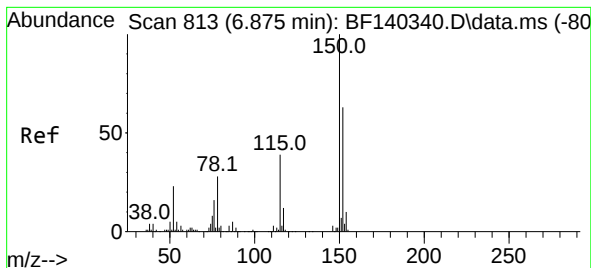
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF140460.D

Acq: 18 Nov 2024 18:06

Instrument :

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ClientSampleId :

WC-10-A-202411

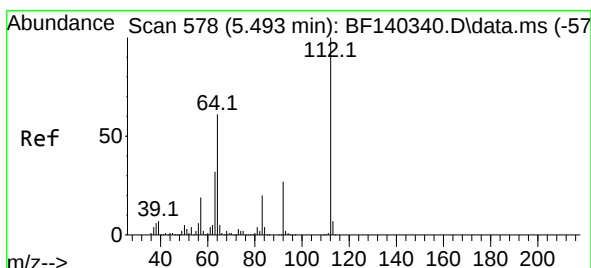
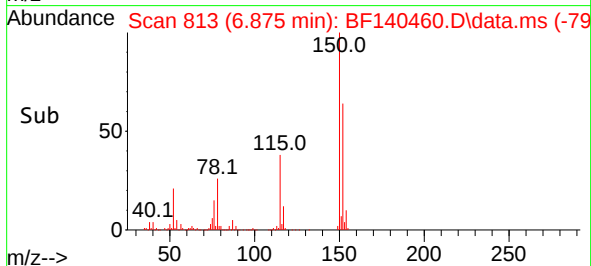
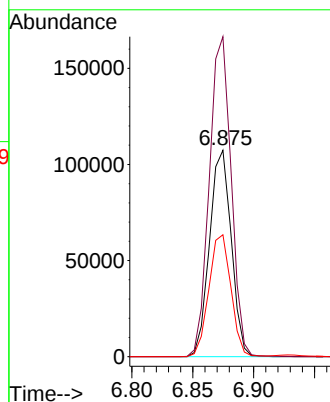
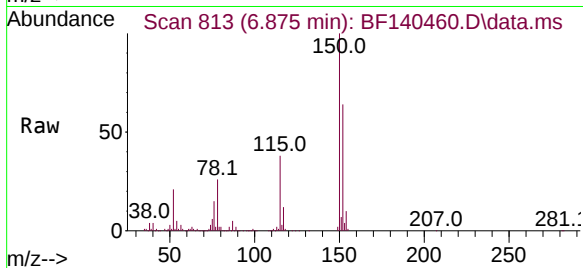
Tgt Ion:152 Resp: 133008

Ion Ratio Lower Upper

152 100

150 155.1 127.4 191.0

115 59.1 47.4 71.2



#5

2-Fluorophenol

Concen: 128.992 ng

RT: 5.510 min Scan# 581

Delta R.T. 0.017 min

Lab File: BF140460.D

Acq: 18 Nov 2024 18:06

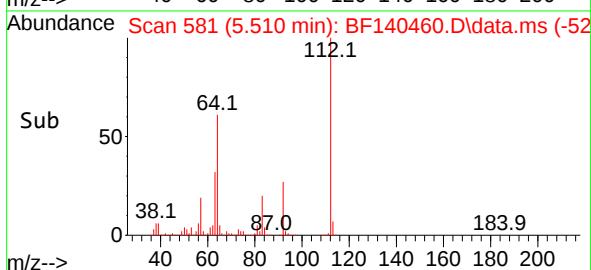
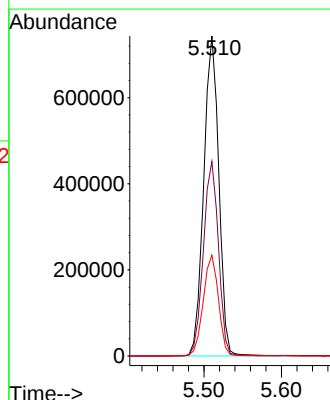
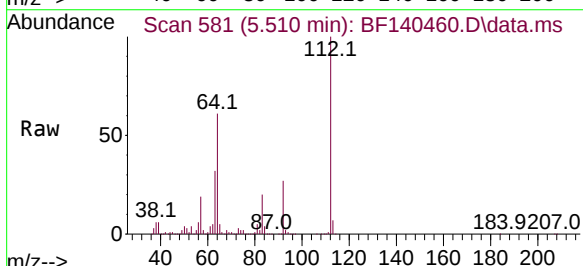
Tgt Ion:112 Resp: 1004872

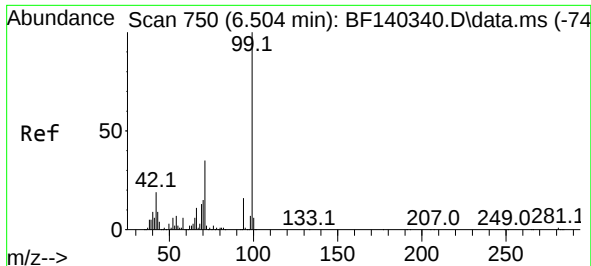
Ion Ratio Lower Upper

112 100

64 60.7 49.2 73.8

63 31.5 25.6 38.4

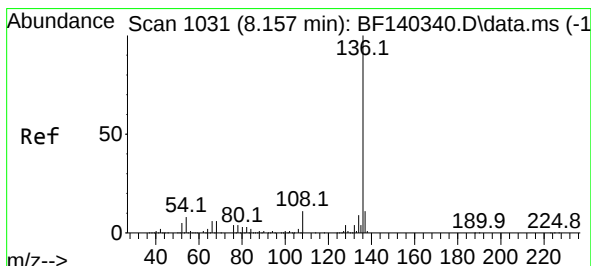
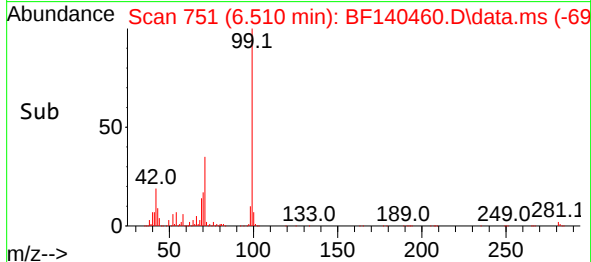
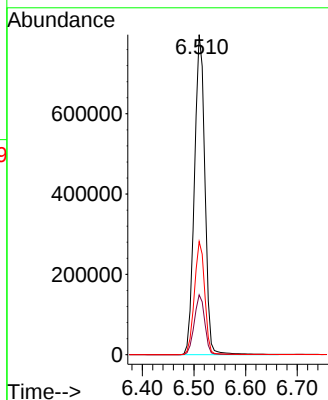
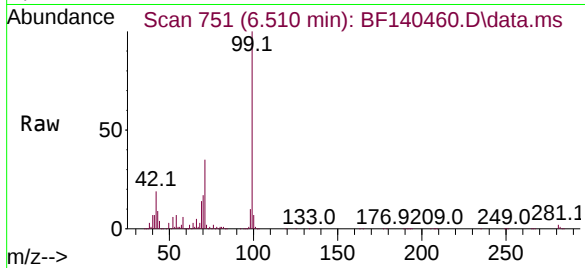




#7
Phenol-d6
Concen: 106.485 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140460.D
Acq: 18 Nov 2024 18:06

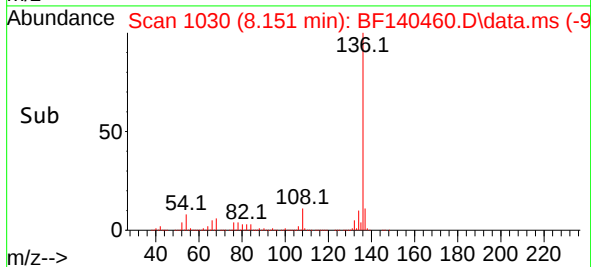
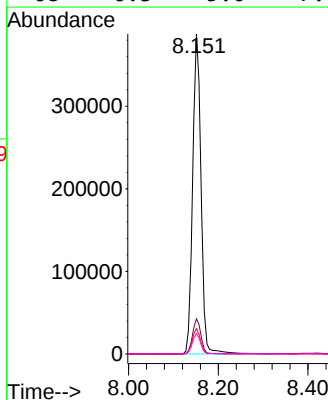
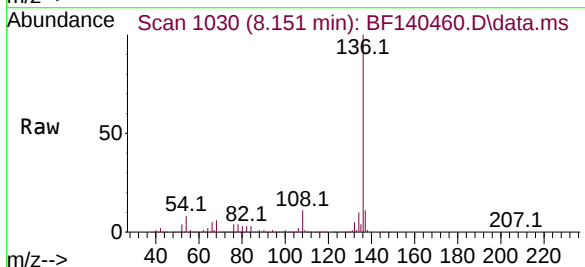
Instrument :
BNA_F
ClientSampleId :
WC-10-A-202411

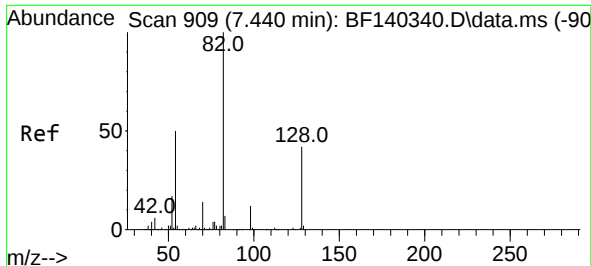
Tgt Ion: 99 Resp: 1123881
Ion Ratio Lower Upper
99 100
42 18.7 15.1 22.7
71 35.4 27.9 41.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140460.D
Acq: 18 Nov 2024 18:06

Tgt Ion: 136 Resp: 502386
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 7.9 6.5 9.7
68 6.3 5.0 7.6





#23

Nitrobenzene-d5

Concen: 97.774 ng

RT: 7.433 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140460.D

Acq: 18 Nov 2024 18:06

Instrument :

BNA_F

ClientSampleId :

WC-10-A-202411

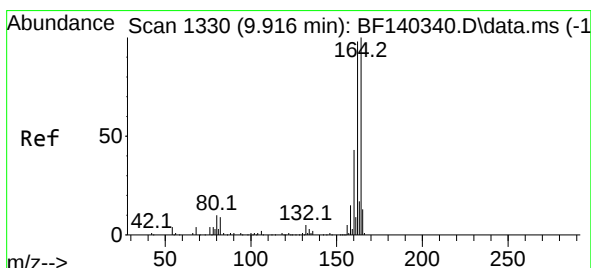
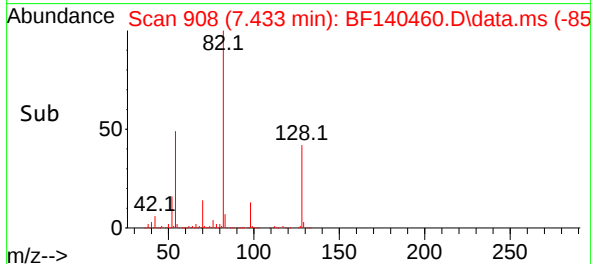
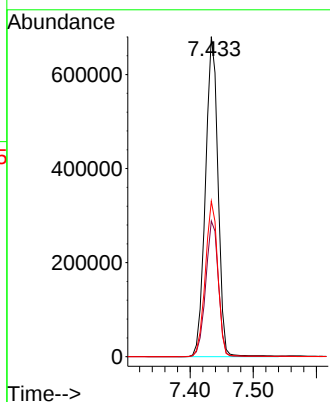
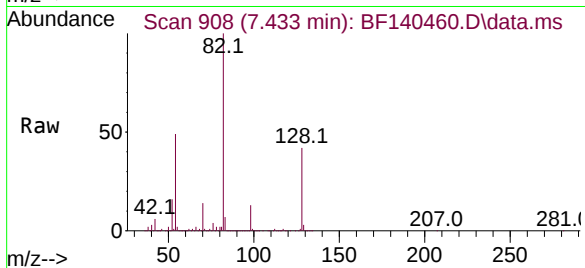
Tgt Ion: 82 Resp: 942762

Ion Ratio Lower Upper

82 100

128 42.4 33.3 49.9

54 48.6 39.8 59.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1328

Delta R.T. -0.012 min

Lab File: BF140460.D

Acq: 18 Nov 2024 18:06

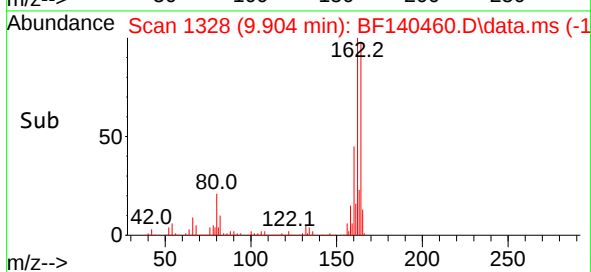
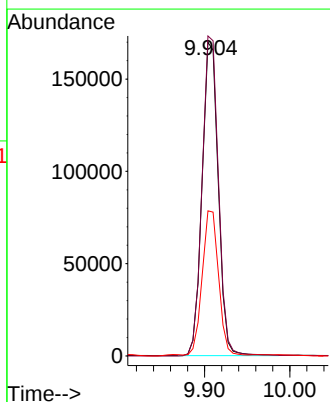
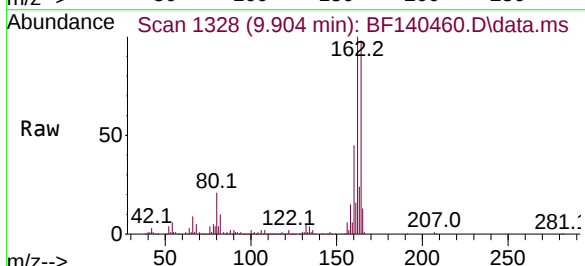
Tgt Ion:164 Resp: 224448

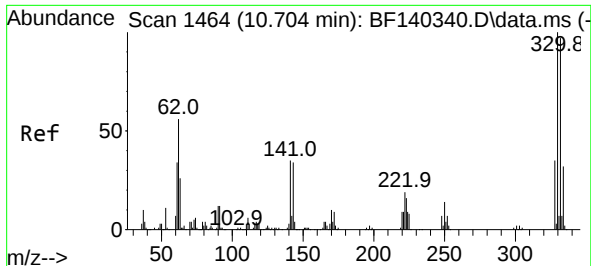
Ion Ratio Lower Upper

164 100

162 102.0 79.8 119.8

160 46.3 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 195.207 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.000 min

Lab File: BF140460.D

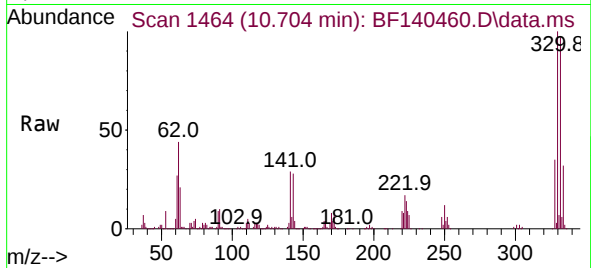
Acq: 18 Nov 2024 18:06

Instrument :

BNA_F

ClientSampleId :

WC-10-A-202411



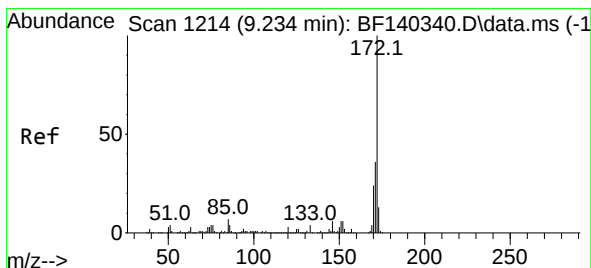
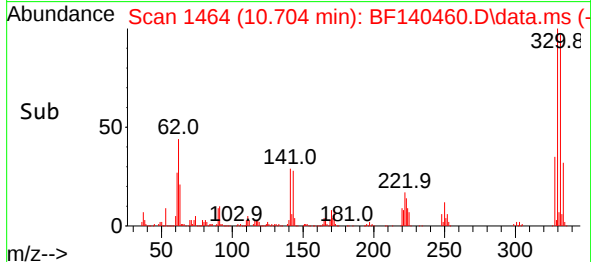
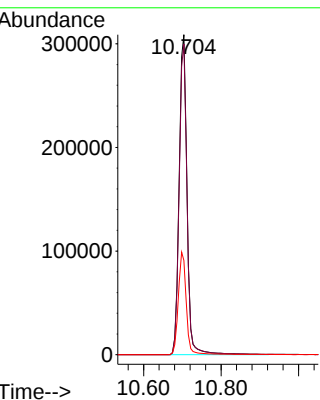
Tgt Ion:330 Resp: 435695

Ion Ratio Lower Upper

330 100

332 96.4 75.9 113.9

141 32.3 26.9 40.3



#45

2-Fluorobiphenyl

Concen: 123.113 ng

RT: 9.227 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140460.D

Acq: 18 Nov 2024 18:06

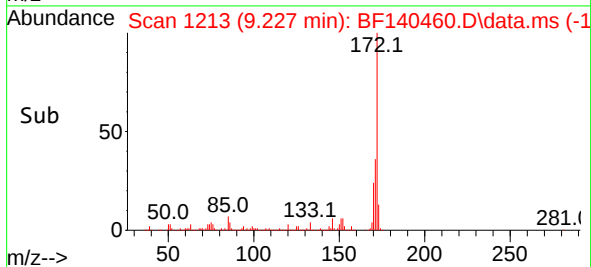
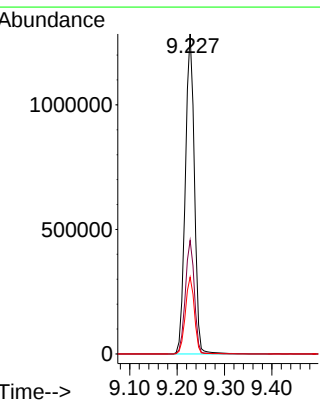
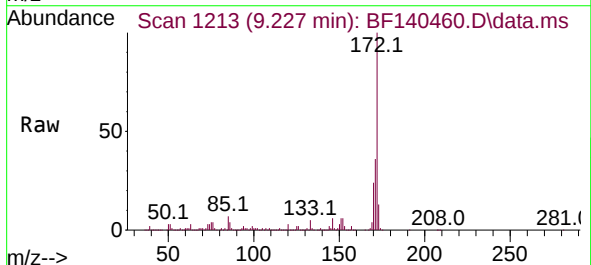
Tgt Ion:172 Resp: 1718923

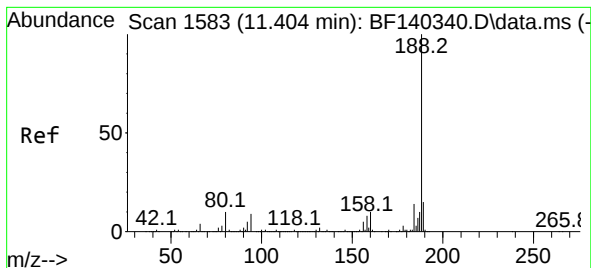
Ion Ratio Lower Upper

172 100

171 35.5 28.5 42.7

170 24.0 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: BF140460.D

Acq: 18 Nov 2024 18:06

Instrument :

BNA_F

ClientSampleId :

WC-10-A-202411

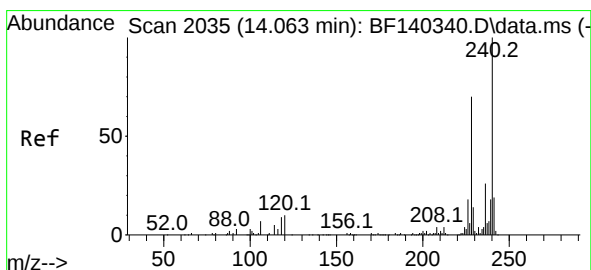
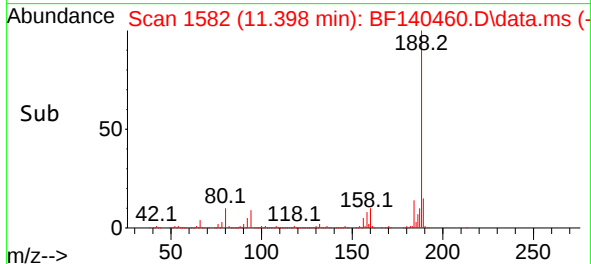
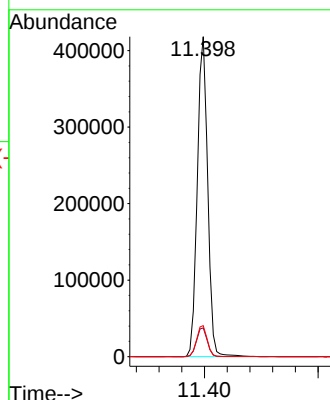
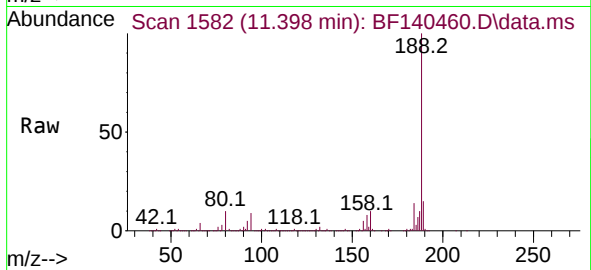
Tgt Ion:188 Resp: 533842

Ion Ratio Lower Upper

188 100

94 9.0 7.6 11.4

80 9.7 8.0 12.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2031

Delta R.T. -0.012 min

Lab File: BF140460.D

Acq: 18 Nov 2024 18:06

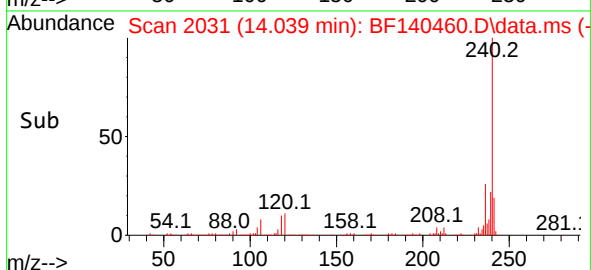
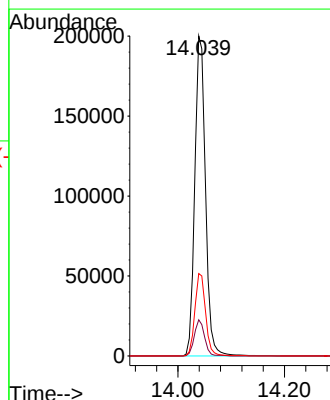
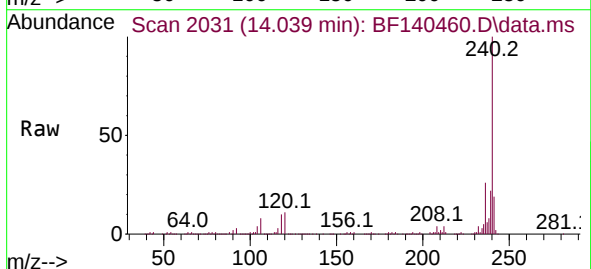
Tgt Ion:240 Resp: 279485

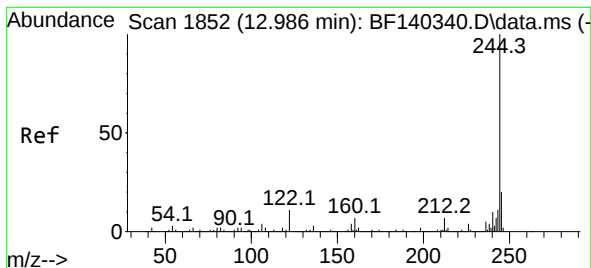
Ion Ratio Lower Upper

240 100

120 11.3 8.8 13.2

236 25.8 20.9 31.3





#79

Terphenyl-d14

Concen: 122.193 ng

RT: 12.986 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140460.D

Acq: 18 Nov 2024 18:06

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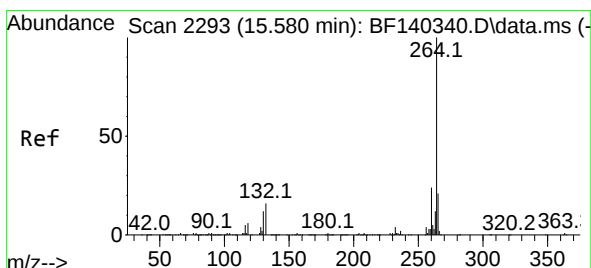
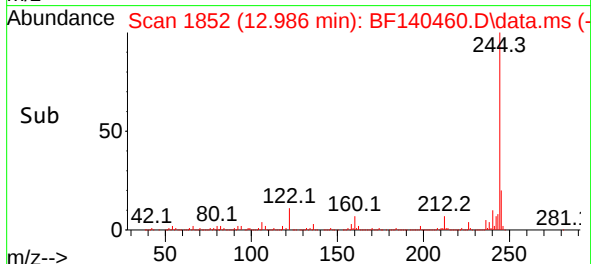
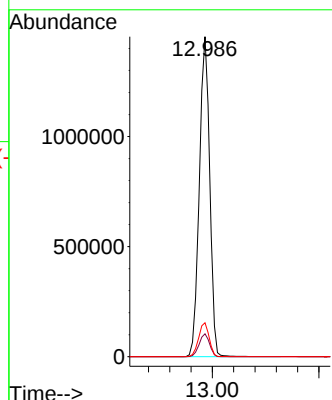
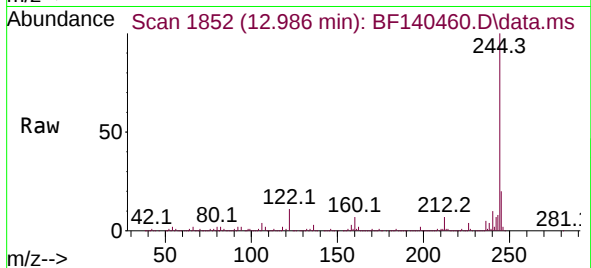
Tgt Ion:244 Resp: 1967463

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 10.6 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2285

Delta R.T. -0.024 min

Lab File: BF140460.D

Acq: 18 Nov 2024 18:06

Tgt Ion:264 Resp: 12426

Ion Ratio Lower Upper

264 100

260 67.5 19.2 28.8#

265 21.3 17.1 25.7

