

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
 Data File : BF140388.D
 Acq On : 15 Nov 2024 02:42
 Operator : RC/JU
 Sample : P4789-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-F21

Quant Time: Nov 15 04:06:47 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	6.881	152	120783	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	419432	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	188457	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	313372	20.000	ng	0.00
76) Chrysene-d12	14.051	240	182135	20.000	ng	0.00
86) Perylene-d12	15.539	264	144029	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	604716	85.482	ng	0.02
7) Phenol-d6	6.528	99	777676	81.140	ng	0.02
23) Nitrobenzene-d5	7.440	82	486136	60.389	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	136516	72.845	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	786997	67.131	ng	0.00
79) Terphenyl-d14	12.986	244	667307	63.596	ng	0.00

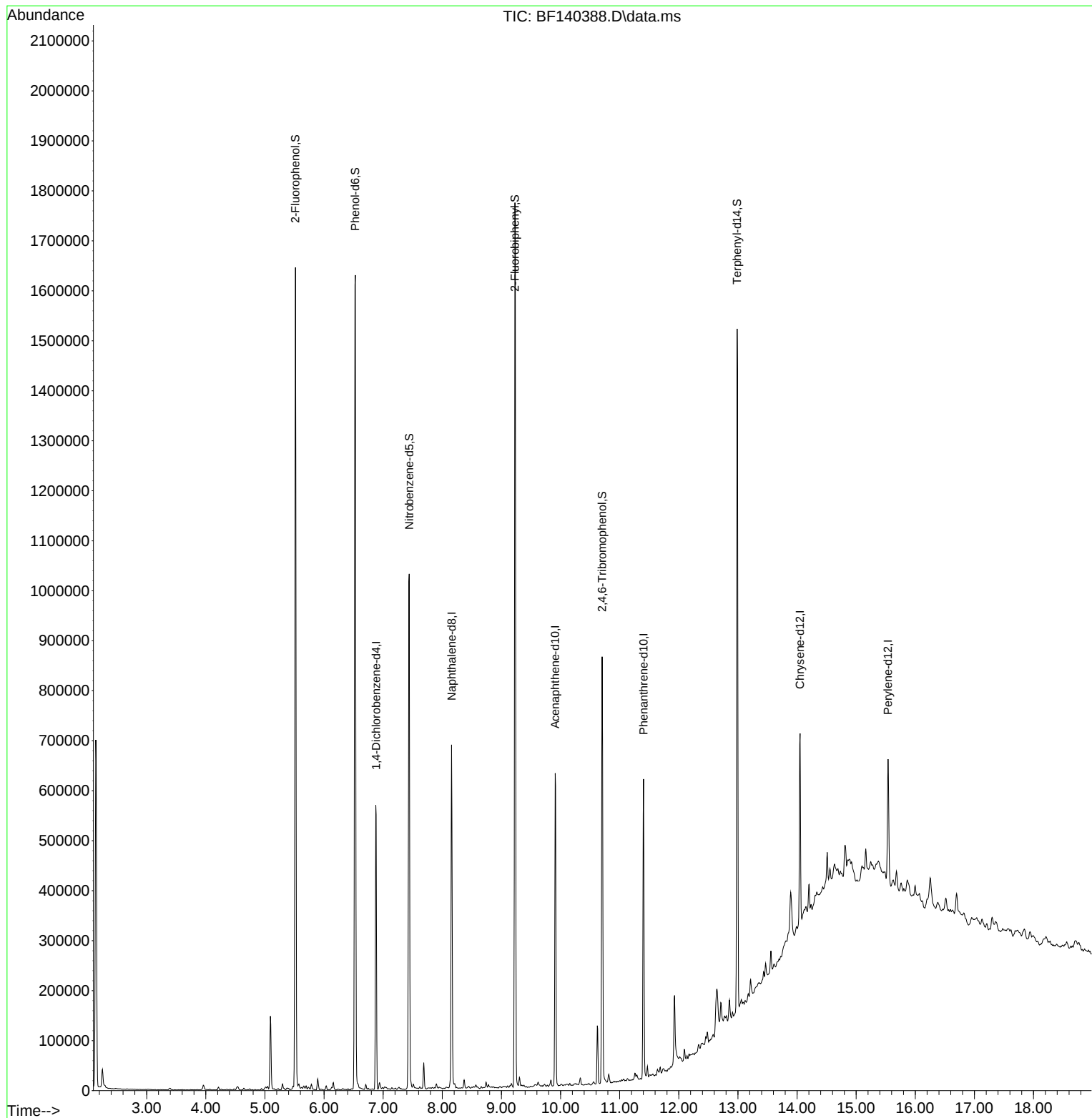
Target Compounds	Qvalue

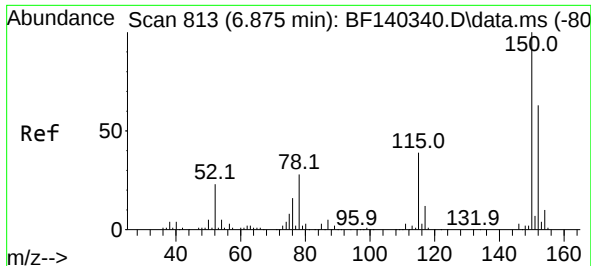
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
Data File : BF140388.D
Acq On : 15 Nov 2024 02:42
Operator : RC/JU
Sample : P4789-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BP-F21

Quant Time: Nov 15 04:06:47 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

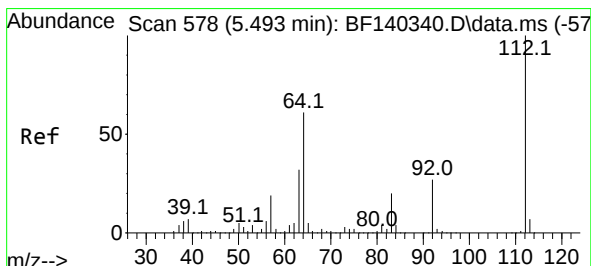
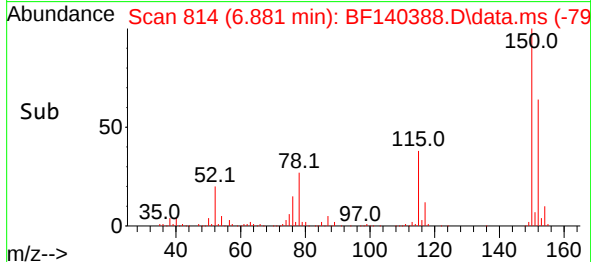
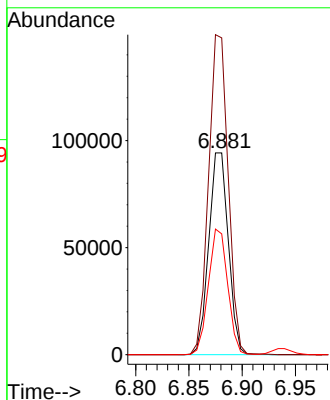
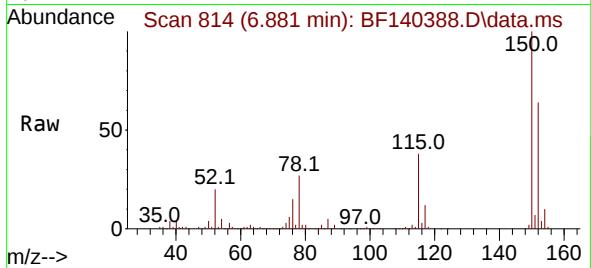




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF140388.D
Acq: 15 Nov 2024 02:42

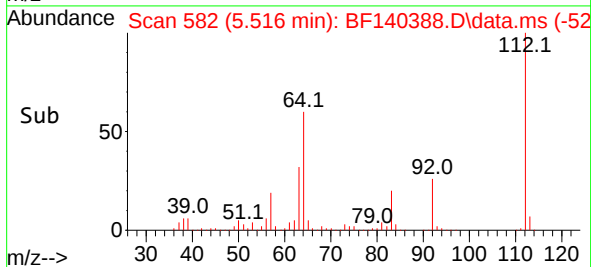
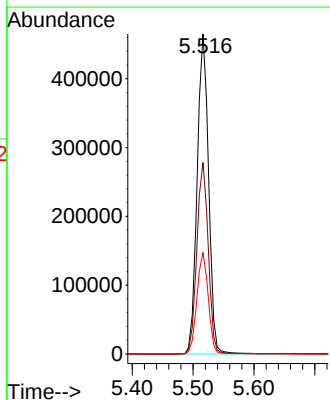
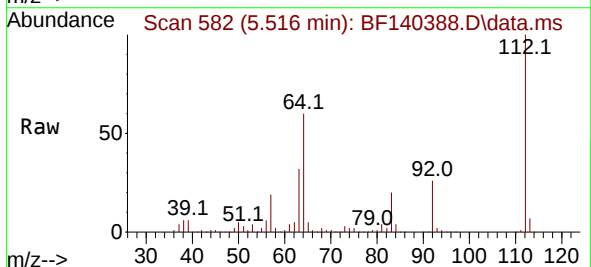
Instrument :
BNA_F
ClientSampleId :
BP-F21

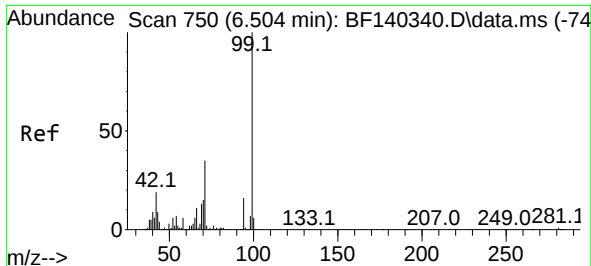
Tgt Ion:152 Resp: 120783
Ion Ratio Lower Upper
152 100
150 157.0 127.4 191.0
115 59.9 47.4 71.2



#5
2-Fluorophenol
Concen: 85.482 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.024 min
Lab File: BF140388.D
Acq: 15 Nov 2024 02:42

Tgt Ion:112 Resp: 604716
Ion Ratio Lower Upper
112 100
64 59.8 49.2 73.8
63 31.6 25.6 38.4





#7

Phenol-d6

Concen: 81.140 ng

RT: 6.528 min Scan# 71

Delta R.T. 0.024 min

Lab File: BF140388.D

Acq: 15 Nov 2024 02:42

Instrument :

BNA_F

ClientSampleId :

BP-F21

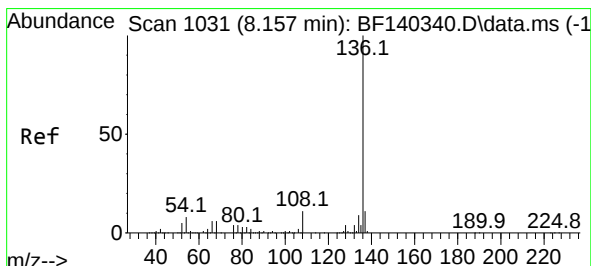
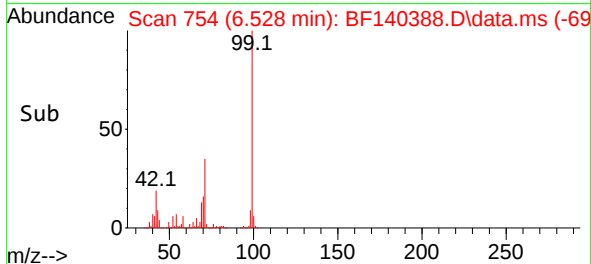
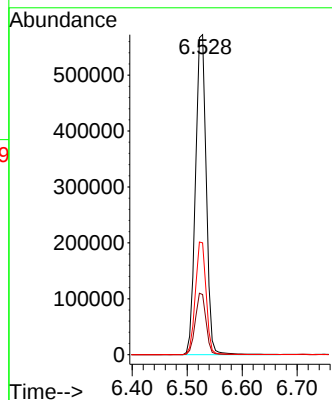
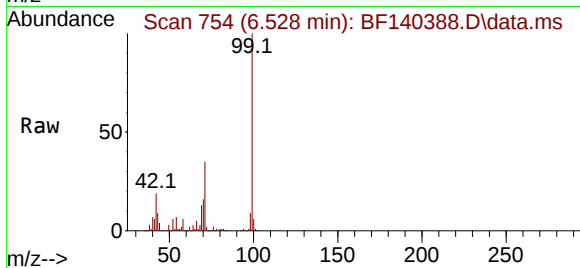
Tgt Ion: 99 Resp: 777676

Ion Ratio Lower Upper

99 100

42 18.8 15.1 22.7

71 35.0 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: BF140388.D

Acq: 15 Nov 2024 02:42

Tgt Ion: 136 Resp: 419432

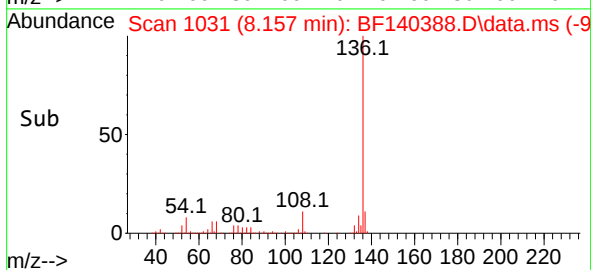
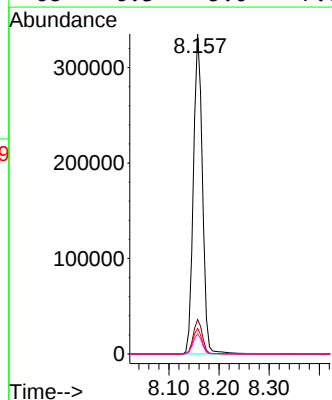
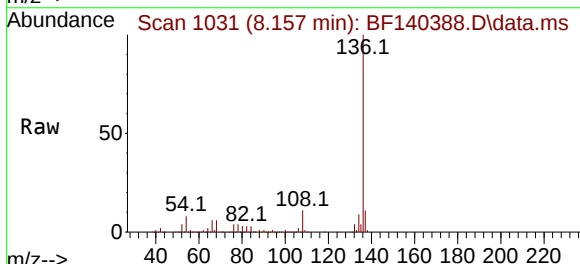
Ion Ratio Lower Upper

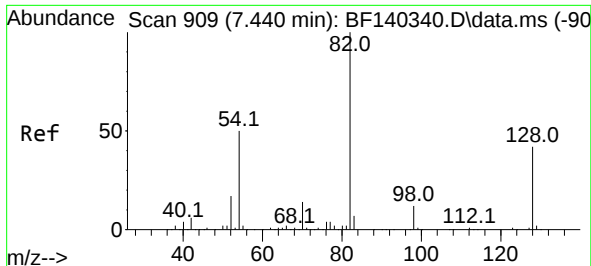
136 100

137 10.8 8.7 13.1

54 8.0 6.5 9.7

68 6.3 5.0 7.6





#23

Nitrobenzene-d5

Concen: 60.389 ng

RT: 7.440 min Scan# 909

Delta R.T. 0.000 min

Lab File: BF140388.D

Acq: 15 Nov 2024 02:42

Instrument :

BNA_F

ClientSampleId :

BP-F21

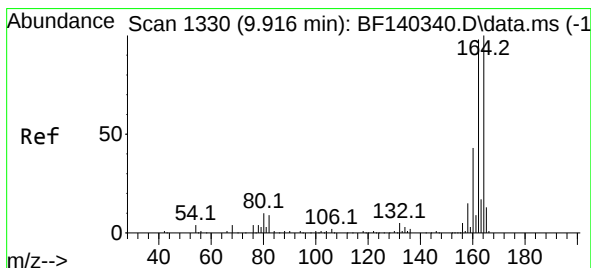
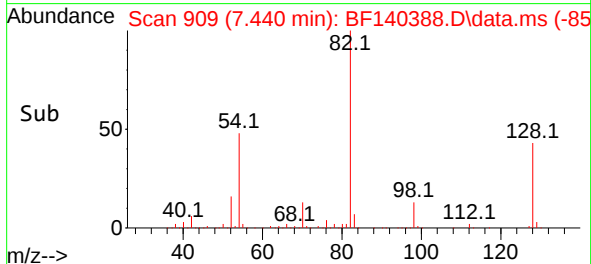
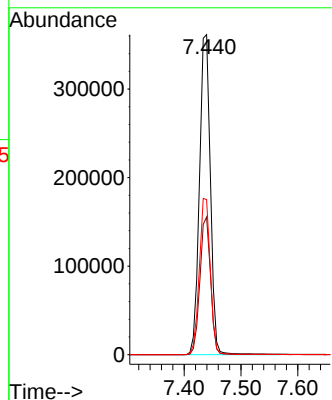
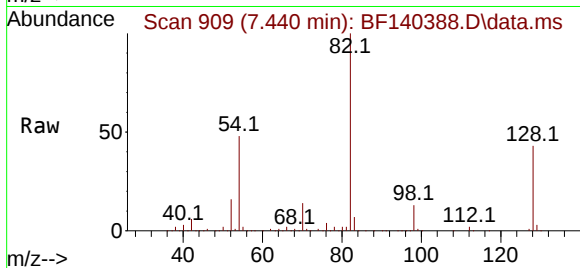
Tgt Ion: 82 Resp: 486136

Ion Ratio Lower Upper

82 100

128 43.0 33.3 49.9

54 48.5 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: BF140388.D

Acq: 15 Nov 2024 02:42

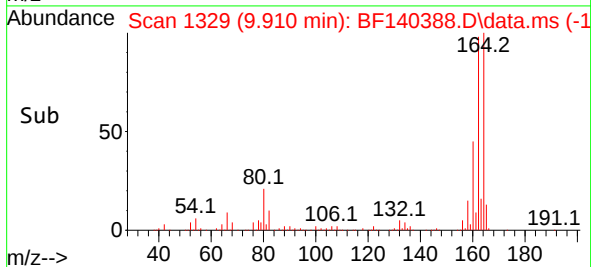
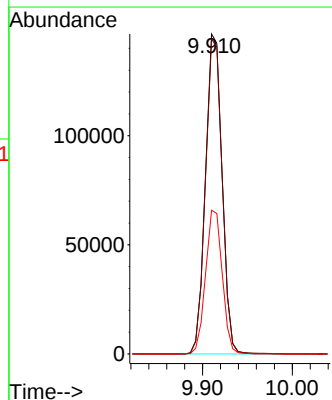
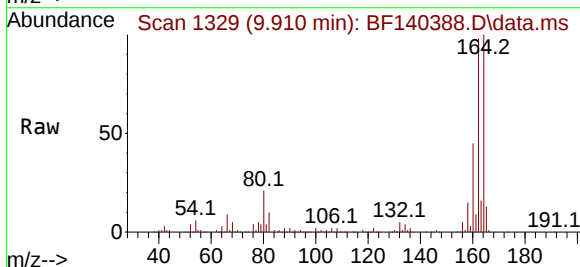
Tgt Ion:164 Resp: 188457

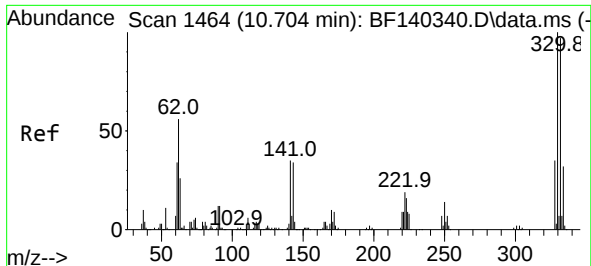
Ion Ratio Lower Upper

164 100

162 98.3 79.8 119.8

160 44.9 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 72.845 ng

RT: 10.704 min Scan# 1464

Delta R.T. 0.000 min

Lab File: BF140388.D

Acq: 15 Nov 2024 02:42

Instrument :

BNA_F

ClientSampleId :

BP-F21

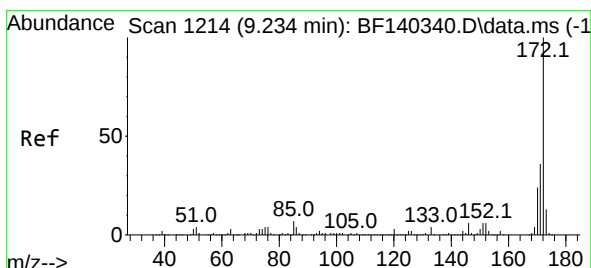
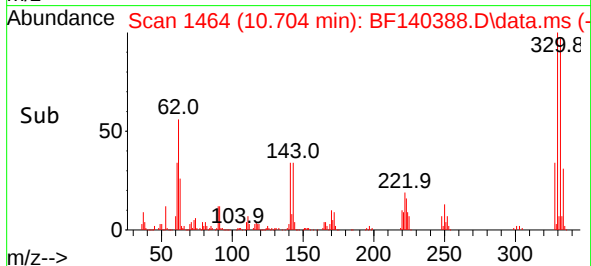
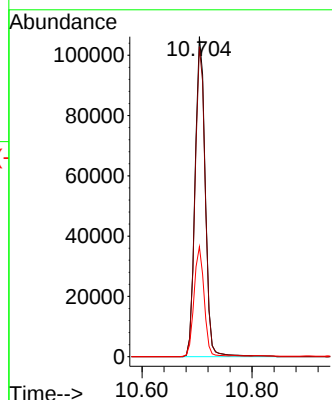
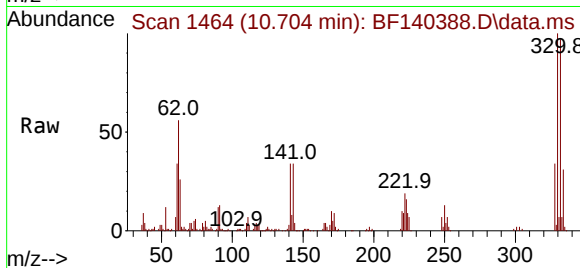
Tgt Ion:330 Resp: 136516

Ion Ratio Lower Upper

330 100

332 96.8 75.9 113.9

141 34.1 26.9 40.3



#45

2-Fluorobiphenyl

Concen: 67.131 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140388.D

Acq: 15 Nov 2024 02:42

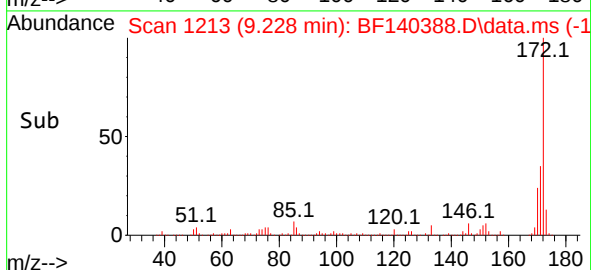
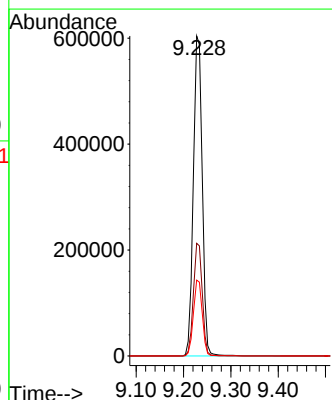
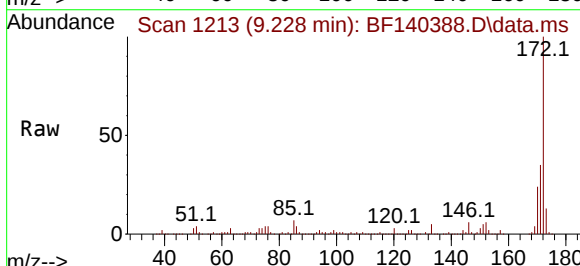
Tgt Ion:172 Resp: 786997

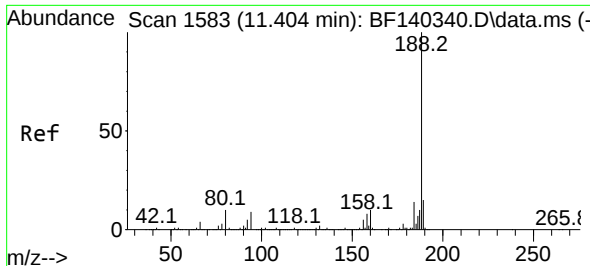
Ion Ratio Lower Upper

172 100

171 35.2 28.5 42.7

170 23.7 19.1 28.7

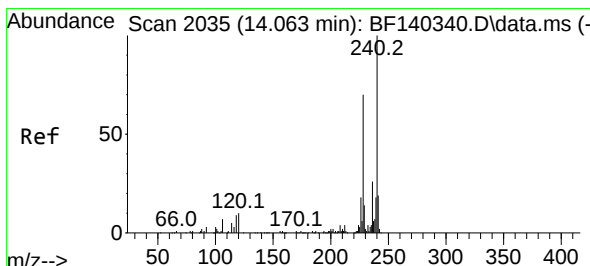
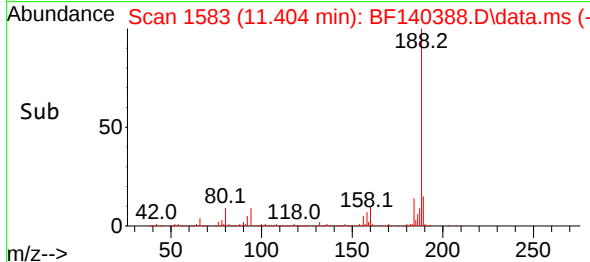
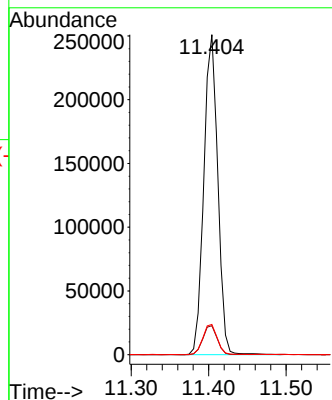
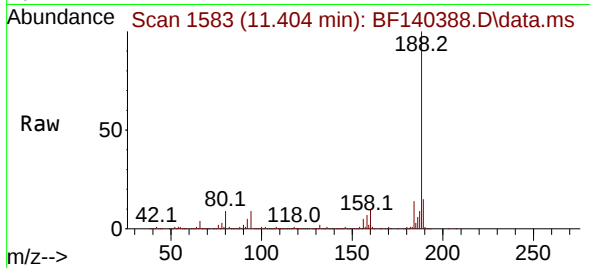




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140388.D
Acq: 15 Nov 2024 02:42

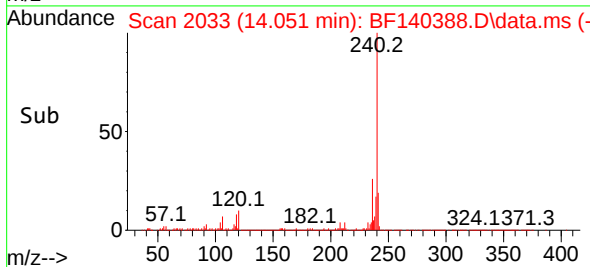
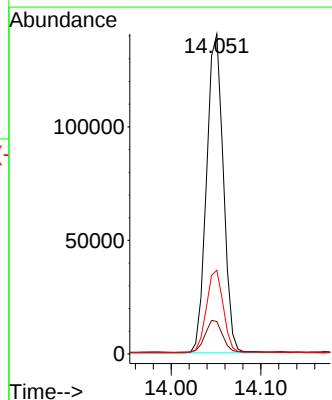
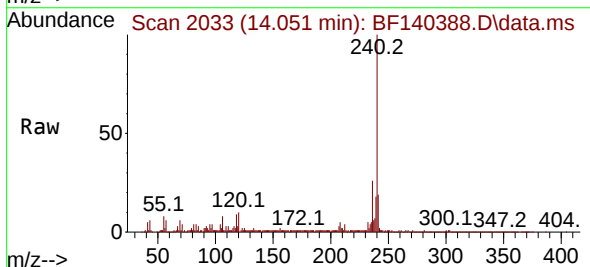
Instrument :
BNA_F
ClientSampleId :
BP-F21

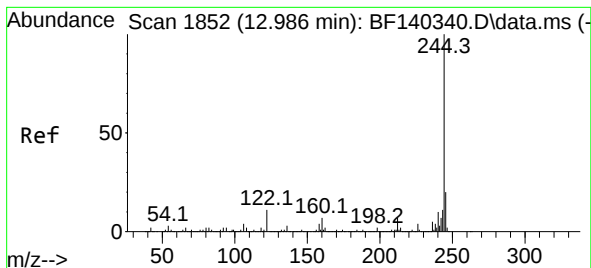
Tgt Ion:188 Resp: 313372
Ion Ratio Lower Upper
188 100
94 9.1 7.6 11.4
80 9.5 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140388.D
Acq: 15 Nov 2024 02:42

Tgt Ion:240 Resp: 182135
Ion Ratio Lower Upper
240 100
120 10.1 8.8 13.2
236 26.1 20.9 31.3





#79

Terphenyl-d14

Concen: 63.596 ng

RT: 12.986 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140388.D

Acq: 15 Nov 2024 02:42

Instrument :

BNA_F

ClientSampleId :

BP-F21

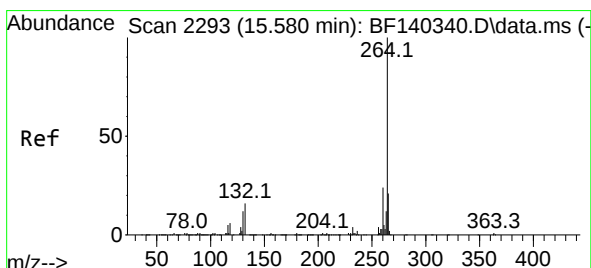
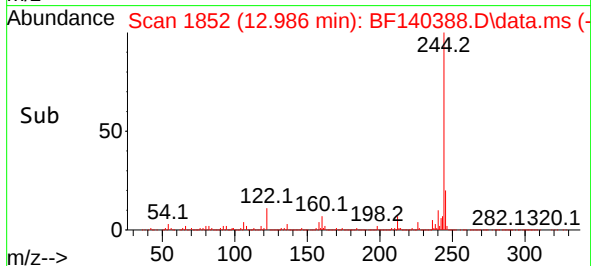
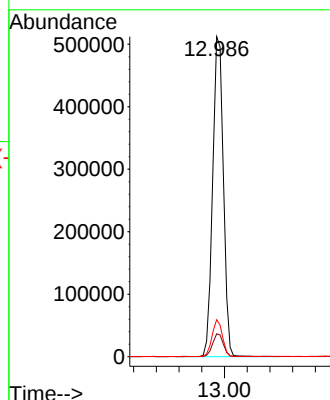
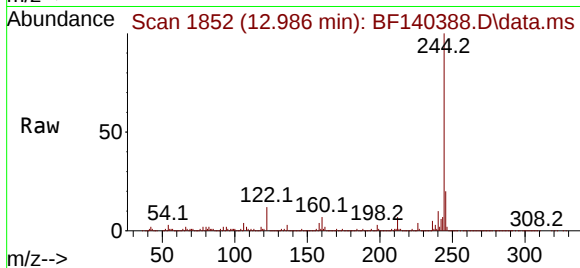
Tgt Ion:244 Resp: 667307

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 11.5 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2286

Delta R.T. -0.018 min

Lab File: BF140388.D

Acq: 15 Nov 2024 02:42

Tgt Ion:264 Resp: 144029

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 22.1 17.1 25.7

