

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
 Data File : BF140523.D
 Acq On : 21 Nov 2024 01:43
 Operator : RC/JU
 Sample : P4860-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PH2-BOT-008

Quant Time: Nov 21 03:41:12 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	61383	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	200329	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	94790	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	188306	20.000	ng	0.00
76) Chrysene-d12	14.045	240	131878	20.000	ng	0.00
86) Perylene-d12	15.539	264	97046	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	329501	91.652	ng	0.01
7) Phenol-d6	6.510	99	393344	80.755	ng	0.00
23) Nitrobenzene-d5	7.434	82	245286	63.795	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	93744	99.451	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	432248	73.305	ng	0.00
79) Terphenyl-d14	12.986	244	543262	71.505	ng	0.00

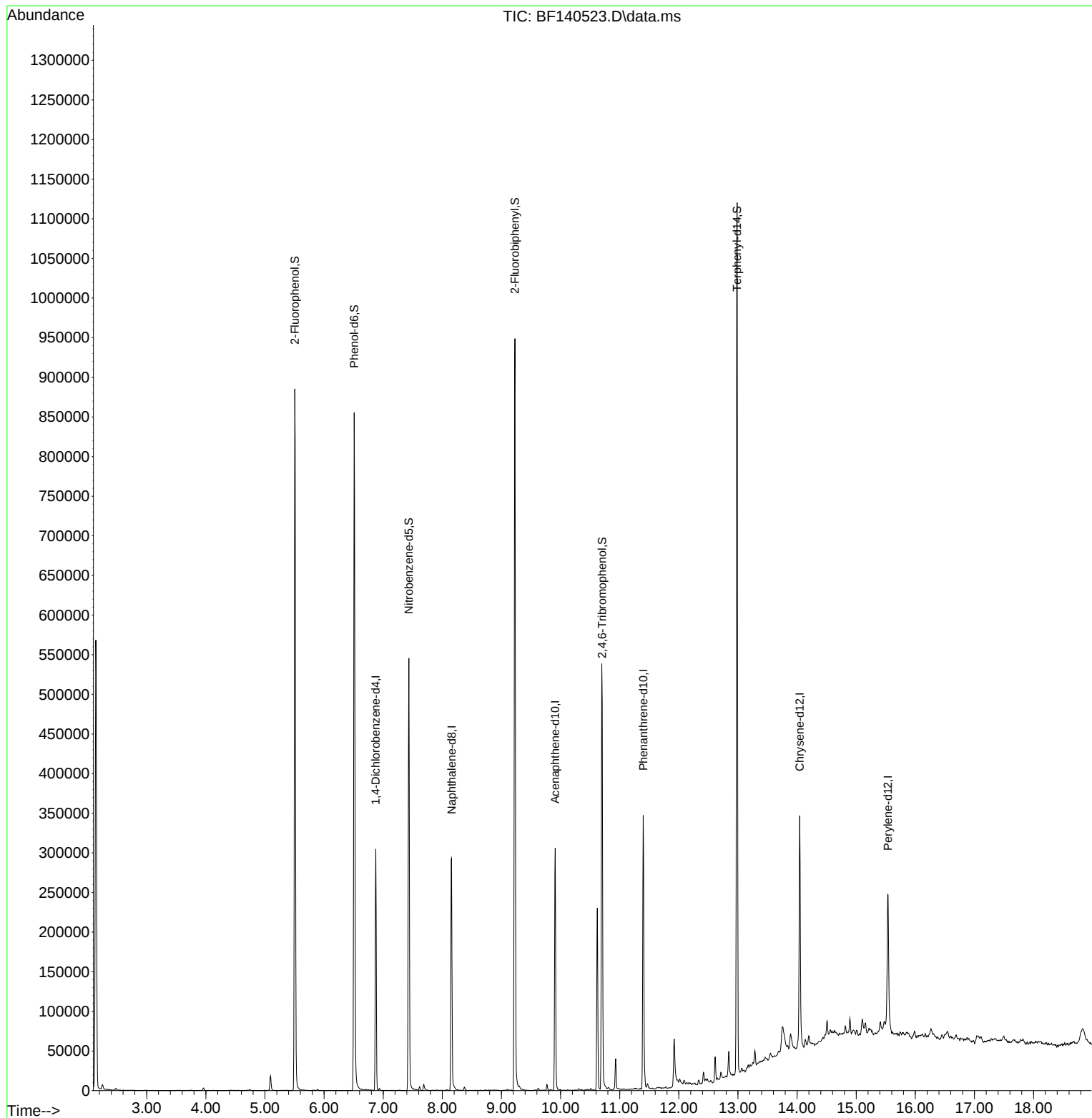
Target Compounds	Qvalue

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

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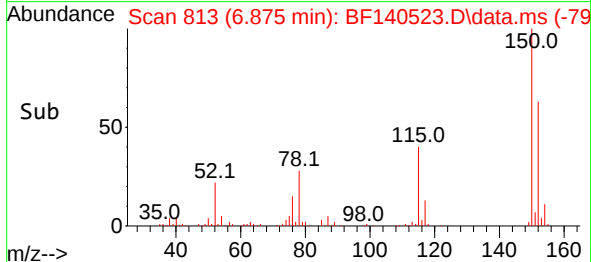
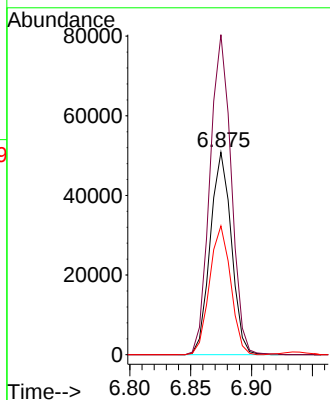
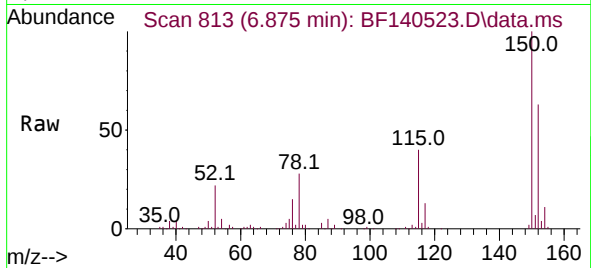




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140523.D
Acq: 21 Nov 2024 01:43

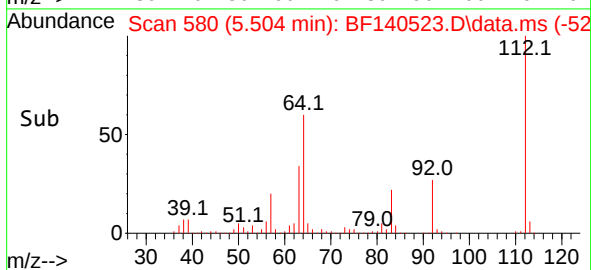
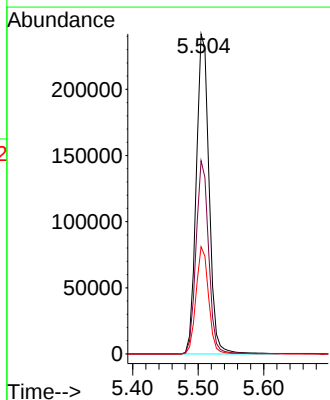
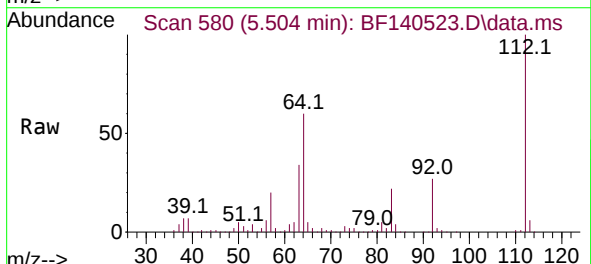
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-008

Tgt Ion:152 Resp: 61383
Ion Ratio Lower Upper
152 100
150 158.1 127.4 191.0
115 63.6 47.4 71.2



#5
2-Fluorophenol
Concen: 91.652 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF140523.D
Acq: 21 Nov 2024 01:43

Tgt Ion:112 Resp: 329501
Ion Ratio Lower Upper
112 100
64 60.4 49.2 73.8
63 33.5 25.6 38.4

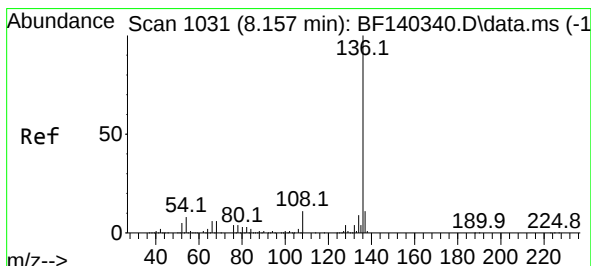
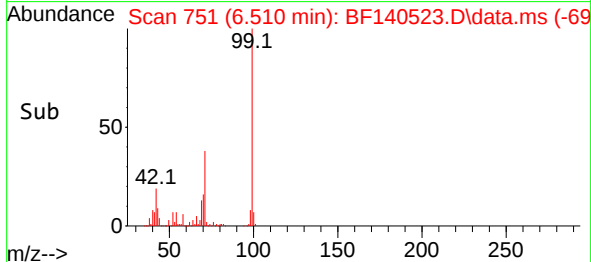
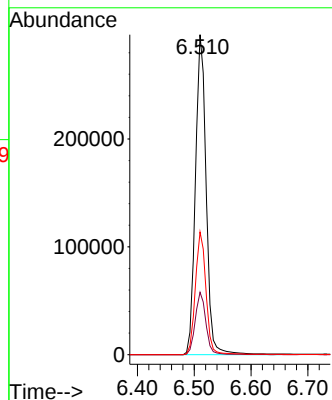
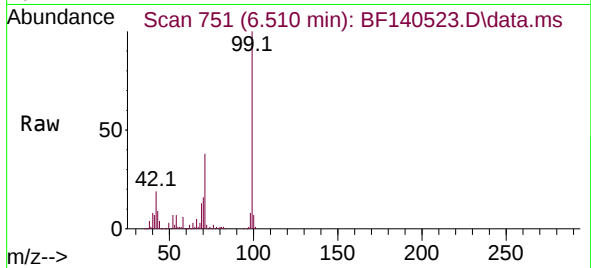




#7
Phenol-d6
Concen: 80.755 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF140523.D
Acq: 21 Nov 2024 01:43

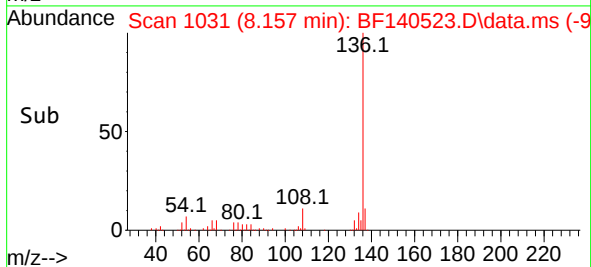
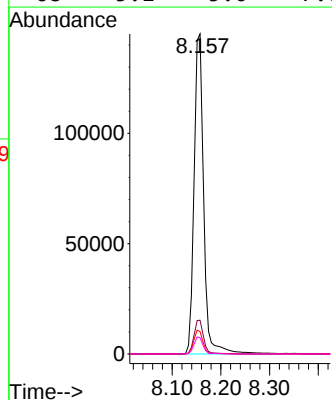
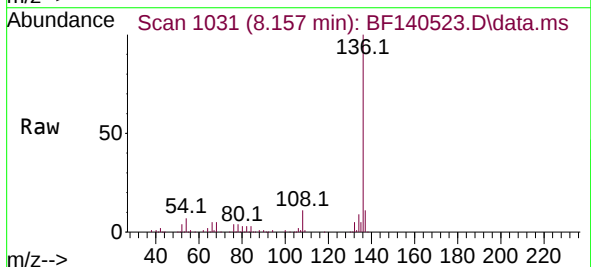
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-008

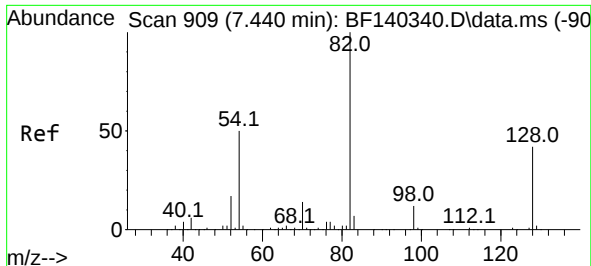
Tgt Ion: 99 Resp: 393344
Ion Ratio Lower Upper
99 100
42 19.5 15.1 22.7
71 38.3 27.9 41.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF140523.D
Acq: 21 Nov 2024 01:43

Tgt Ion: 136 Resp: 200329
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 7.0 6.5 9.7
68 5.1 5.0 7.6

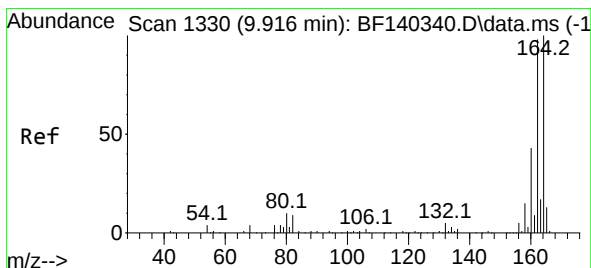
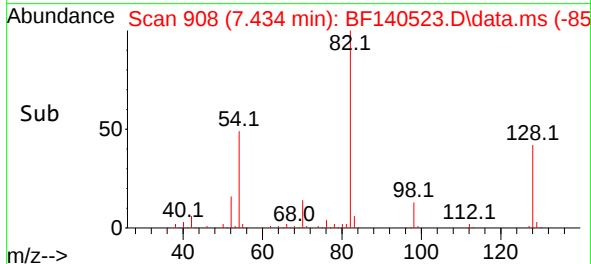
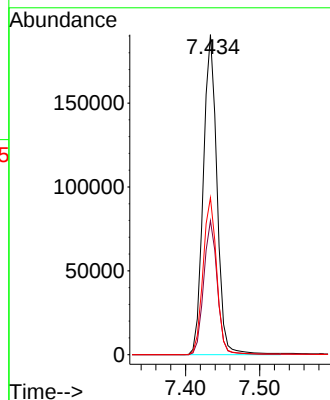
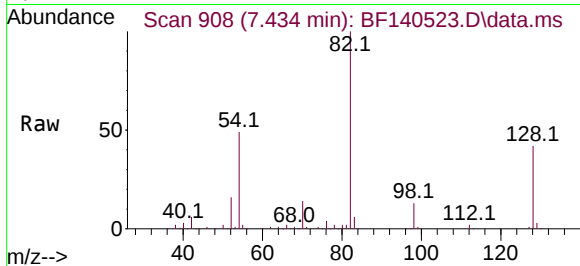




#23
 Nitrobenzene-d5
 Concen: 63.795 ng
 RT: 7.434 min Scan# 909
 Delta R.T. -0.006 min
 Lab File: BF140523.D
 Acq: 21 Nov 2024 01:43

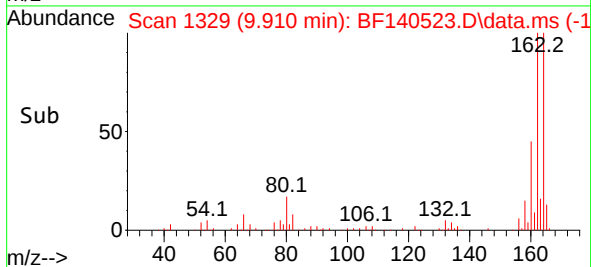
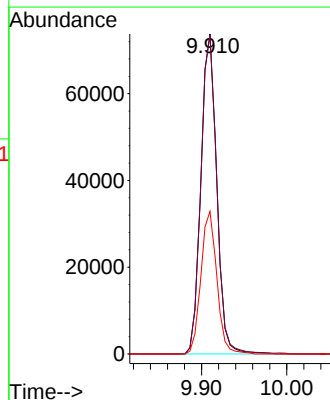
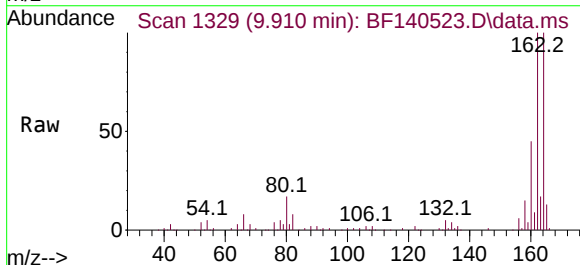
Instrument :
 BNA_F
 ClientSampleId :
 PH2-BOT-008

Tgt Ion: 82 Resp: 245286
 Ion Ratio Lower Upper
 82 100
 128 41.9 33.3 49.9
 54 49.0 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: BF140523.D
 Acq: 21 Nov 2024 01:43

Tgt Ion:164 Resp: 94790
 Ion Ratio Lower Upper
 164 100
 162 99.7 79.8 119.8
 160 44.5 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 99.451 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.000 min

Lab File: BF140523.D

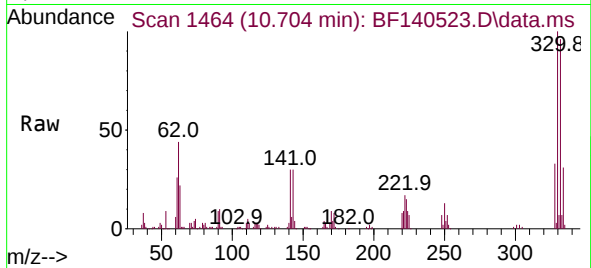
Acq: 21 Nov 2024 01:43

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-008



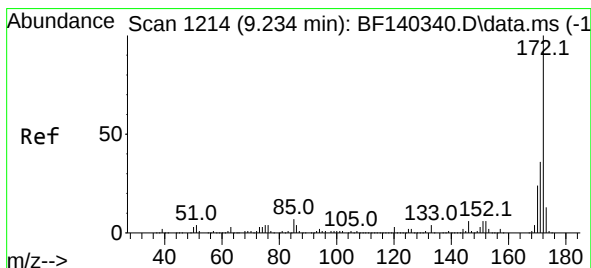
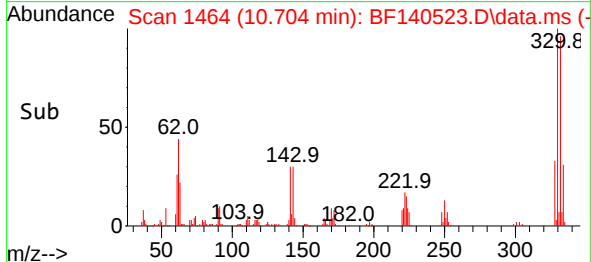
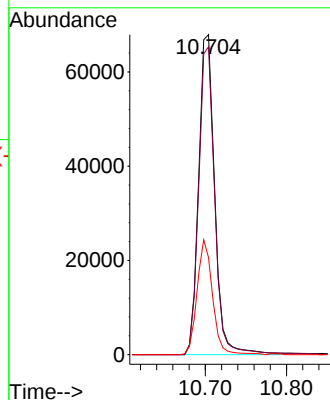
Tgt Ion:330 Resp: 93744

Ion Ratio Lower Upper

330 100

332 96.0 75.9 113.9

141 34.6 26.9 40.3



#45

2-Fluorobiphenyl

Concen: 73.305 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140523.D

Acq: 21 Nov 2024 01:43

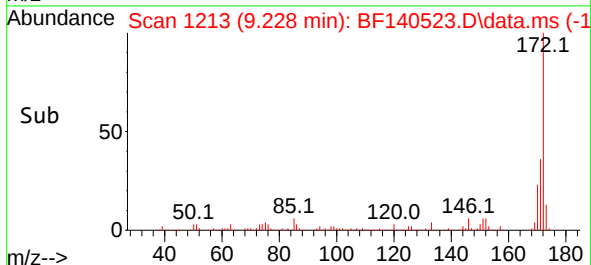
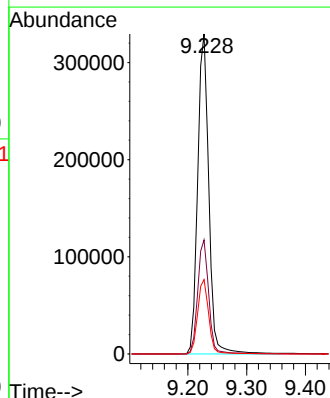
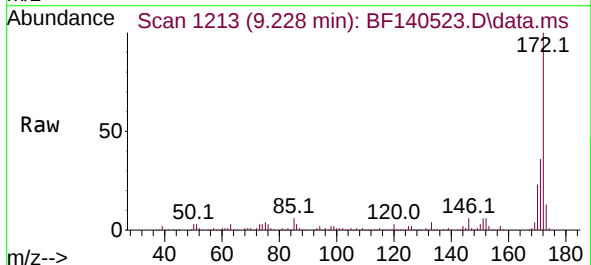
Tgt Ion:172 Resp: 432248

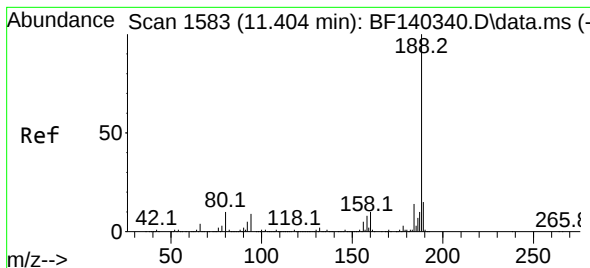
Ion Ratio Lower Upper

172 100

171 35.6 28.5 42.7

170 23.3 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: BF140523.D

Acq: 21 Nov 2024 01:43

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-008

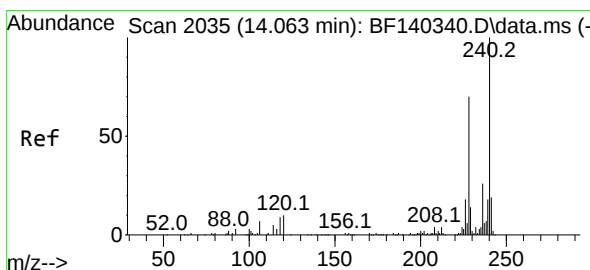
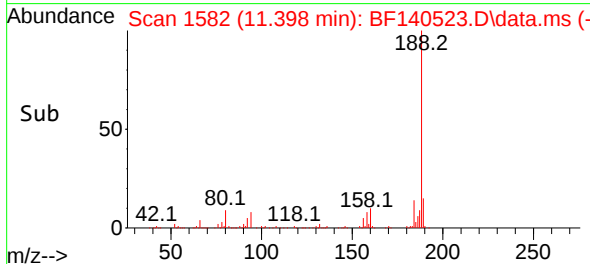
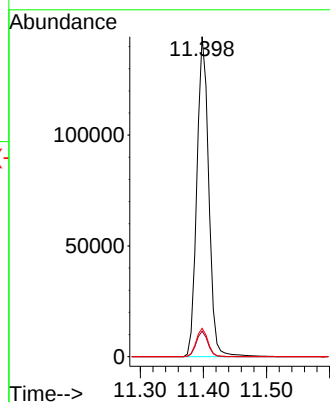
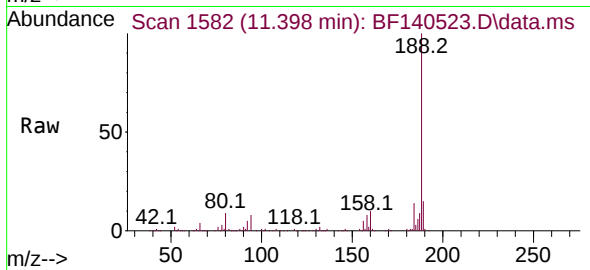
Tgt Ion:188 Resp: 188306

Ion Ratio Lower Upper

188 100

94 7.9 7.6 11.4

80 8.8 8.0 12.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF140523.D

Acq: 21 Nov 2024 01:43

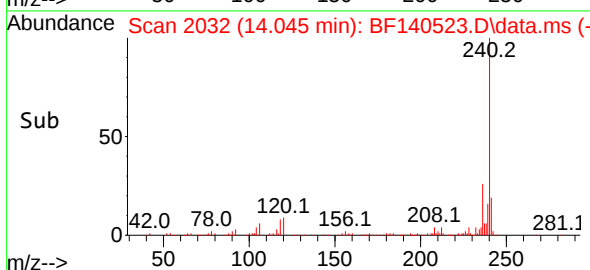
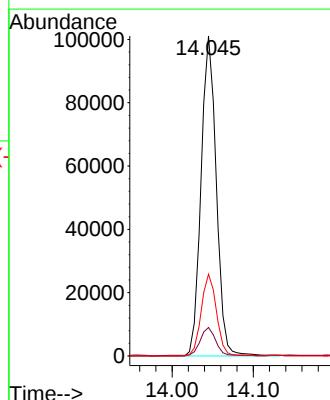
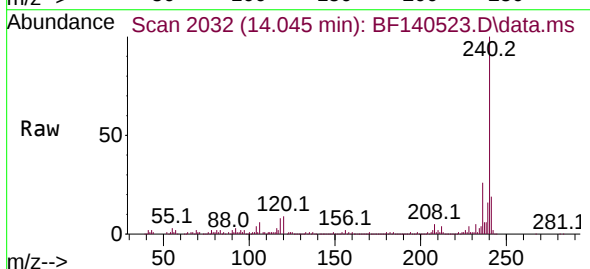
Tgt Ion:240 Resp: 131878

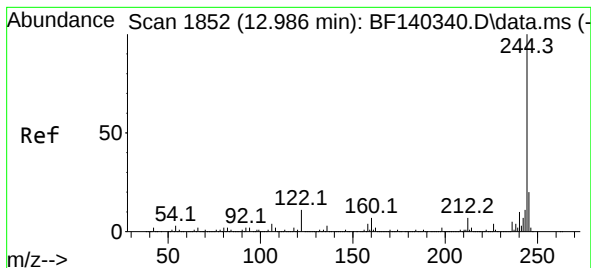
Ion Ratio Lower Upper

240 100

120 8.9 8.8 13.2

236 25.6 20.9 31.3





#79

Terphenyl-d14

Concen: 71.505 ng

RT: 12.986 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140523.D

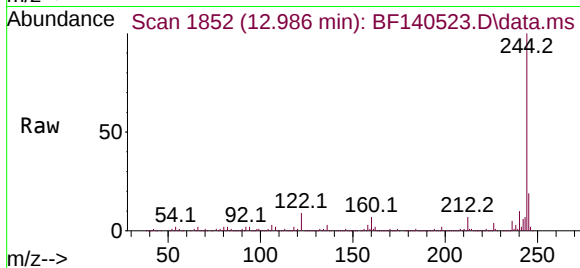
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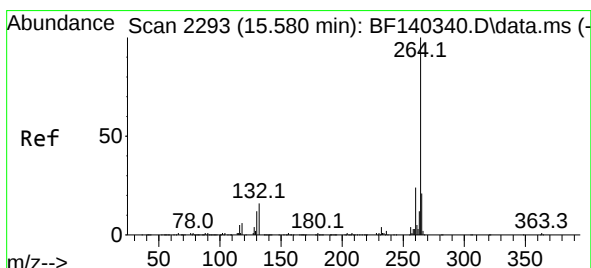
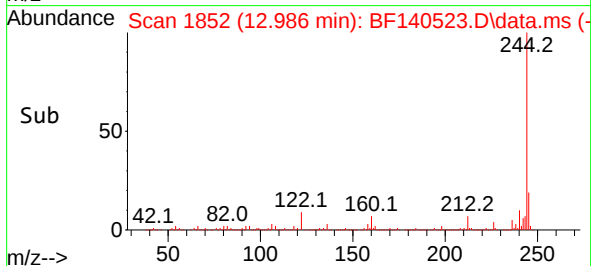
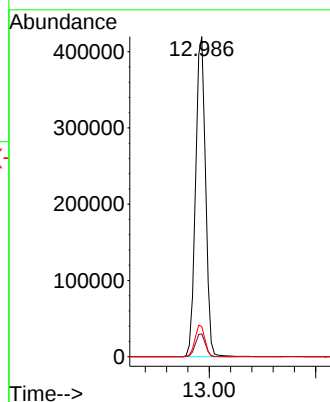
Tgt Ion:244 Resp: 543262

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 9.4 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: BF140523.D

Acq: 21 Nov 2024 01:43

Tgt Ion:264 Resp: 97046

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 20.4 17.1 25.7

