

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
 Data File : BF140383.D
 Acq On : 15 Nov 2024 00:32
 Operator : RC/JU
 Sample : P4807-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BF-F14

Quant Time: Nov 15 02:37:21 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	123519	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	438115	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	195337	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	310423	20.000	ng	0.00
76) Chrysene-d12	14.045	240	192899	20.000	ng	0.00
86) Perylene-d12	15.533	264	144849	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	708201	97.894	ng	0.02
7) Phenol-d6	6.528	99	924553	94.328	ng	0.02
23) Nitrobenzene-d5	7.439	82	556915	66.231	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	172532	88.821	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	939142	77.288	ng	0.00
79) Terphenyl-d14	12.986	244	828271	74.532	ng	0.00

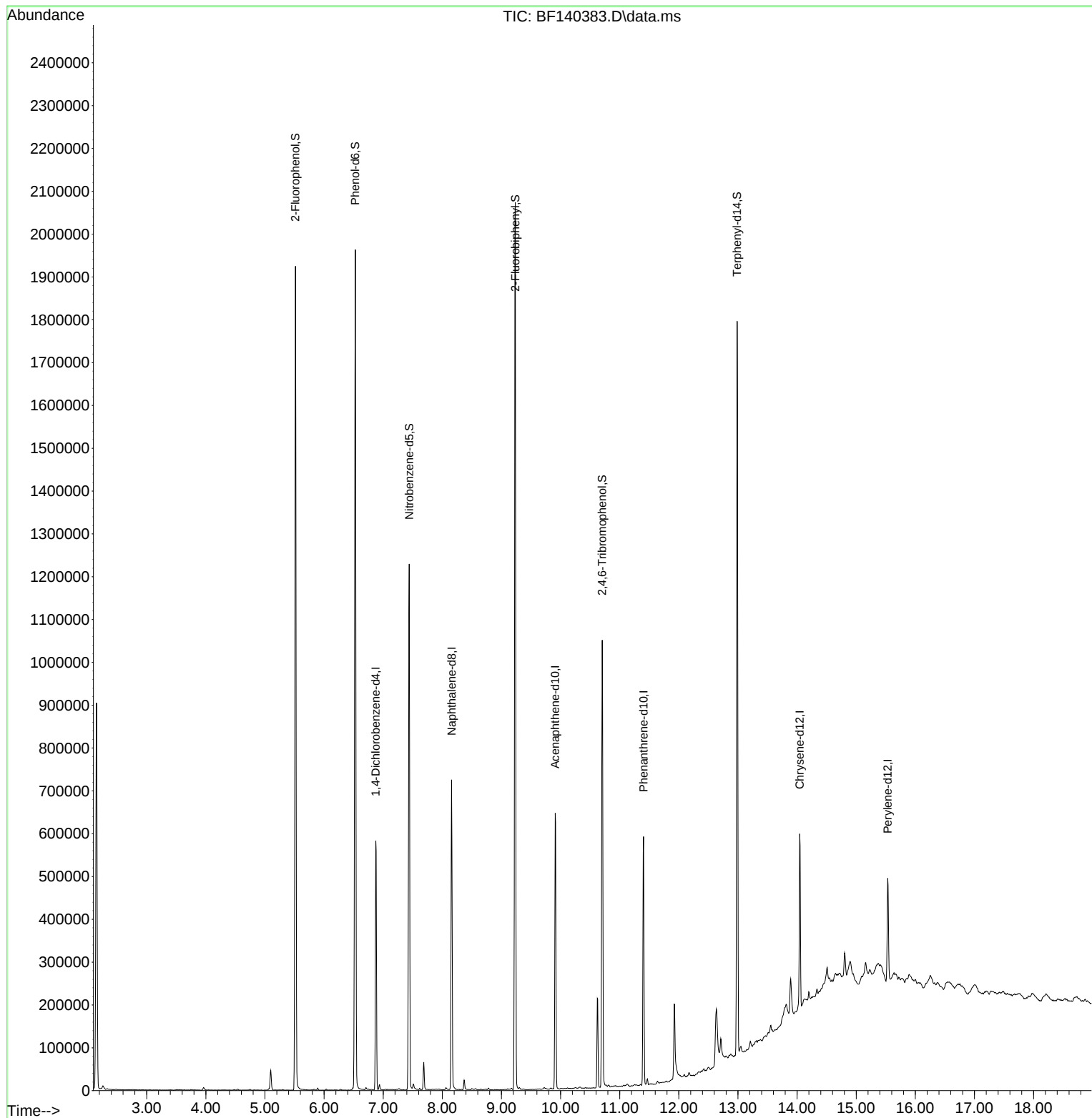
Target Compounds	Qvalue

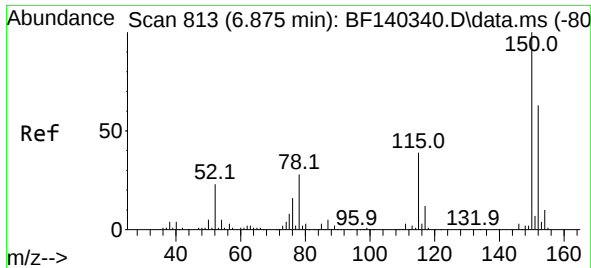
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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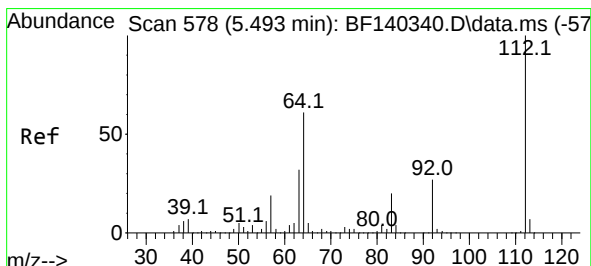
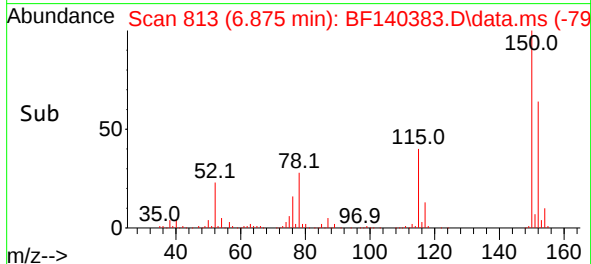
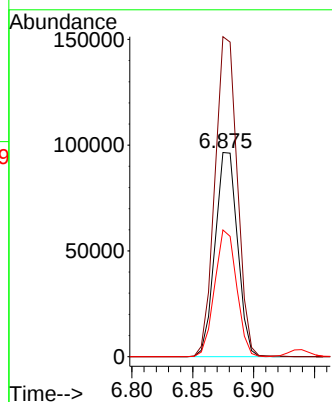
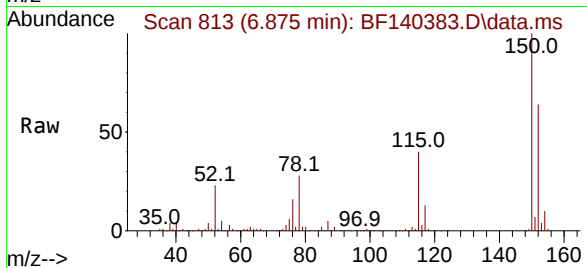




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140383.D
Acq: 15 Nov 2024 00:32

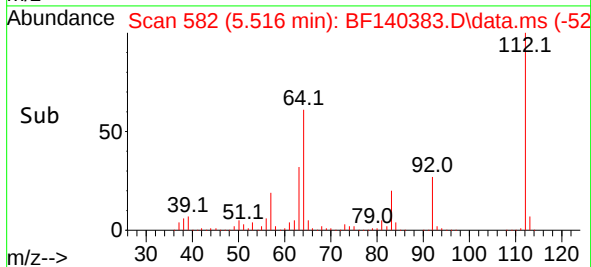
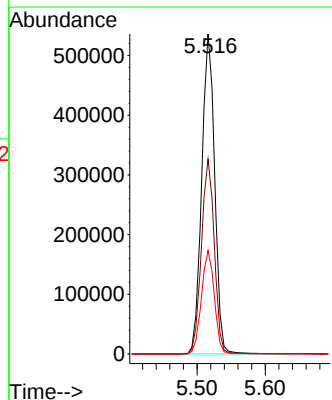
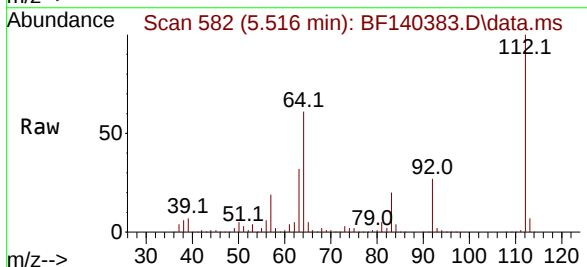
Instrument :
BNA_F
ClientSampleId :
BF-F14

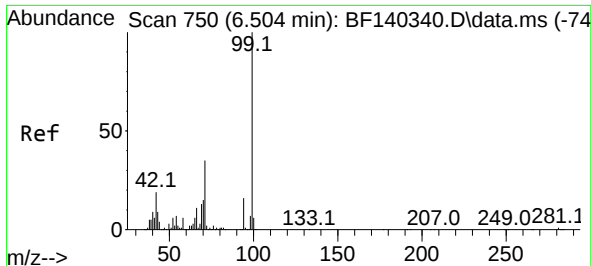
Tgt Ion:152 Resp: 123519
Ion Ratio Lower Upper
152 100
150 156.8 127.4 191.0
115 62.1 47.4 71.2



#5
2-Fluorophenol
Concen: 97.894 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.023 min
Lab File: BF140383.D
Acq: 15 Nov 2024 00:32

Tgt Ion:112 Resp: 708201
Ion Ratio Lower Upper
112 100
64 60.9 49.2 73.8
63 32.4 25.6 38.4





#7

Phenol-d6

Concen: 94.328 ng

RT: 6.528 min Scan# 71

Delta R.T. 0.023 min

Lab File: BF140383.D

Acq: 15 Nov 2024 00:32

Instrument :

BNA_F

ClientSampleId :

BF-F14

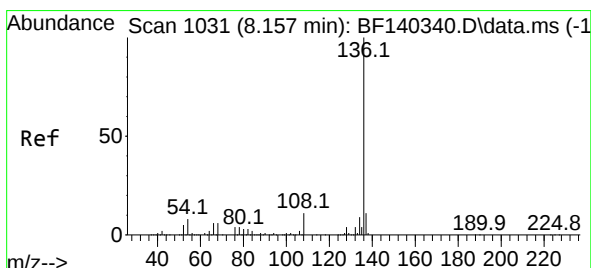
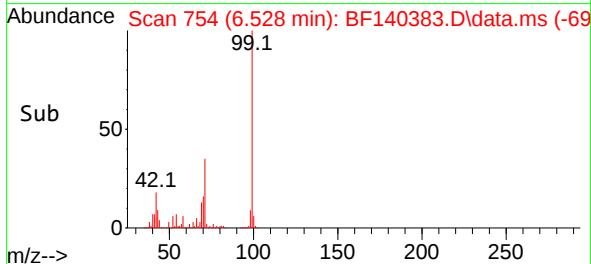
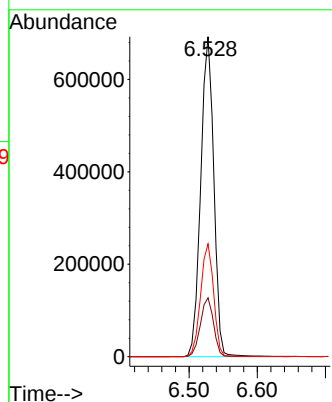
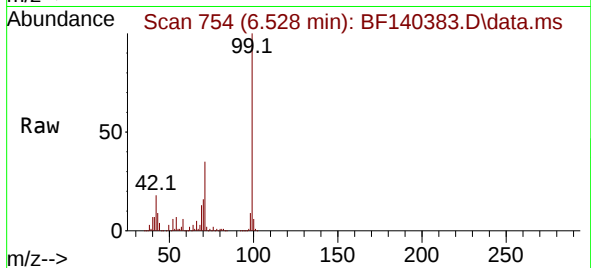
Tgt Ion: 99 Resp: 924553

Ion Ratio Lower Upper

99 100

42 18.4 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: BF140383.D

Acq: 15 Nov 2024 00:32

Tgt Ion: 136 Resp: 438115

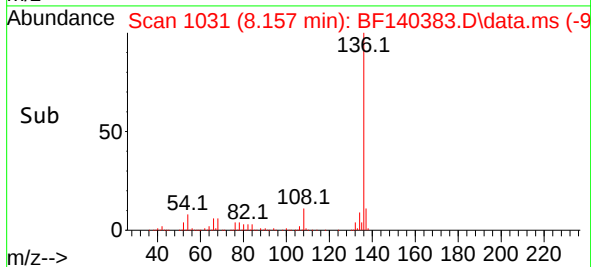
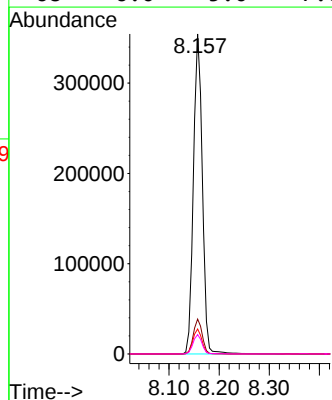
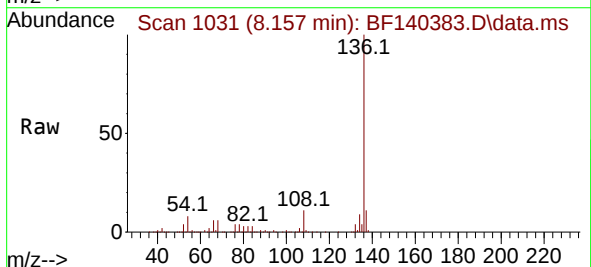
Ion Ratio Lower Upper

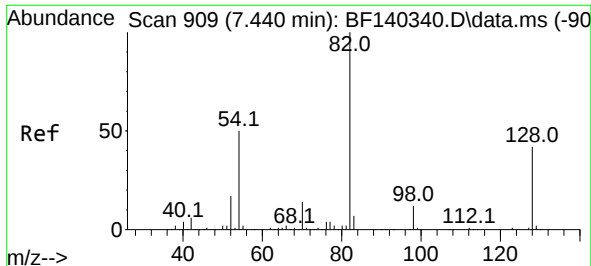
136 100

137 10.9 8.7 13.1

54 7.8 6.5 9.7

68 6.0 5.0 7.6

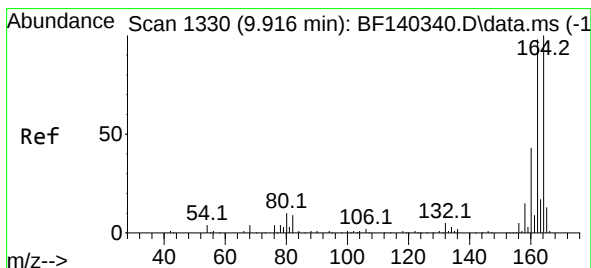
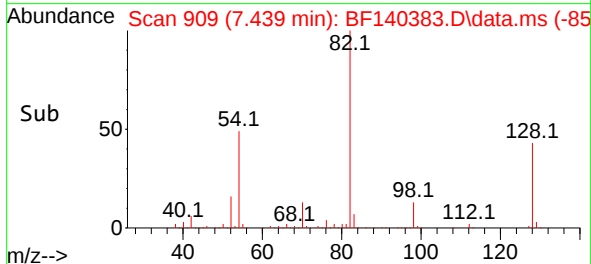
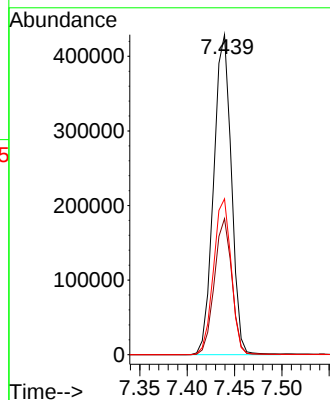
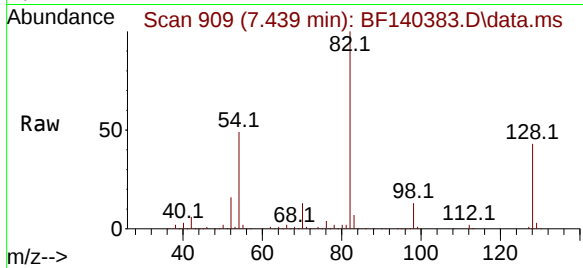




#23
Nitrobenzene-d5
Concen: 66.231 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.000 min
Lab File: BF140383.D
Acq: 15 Nov 2024 00:32

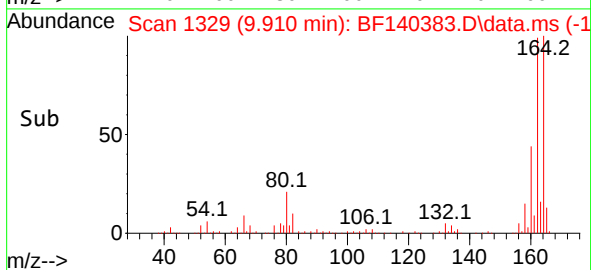
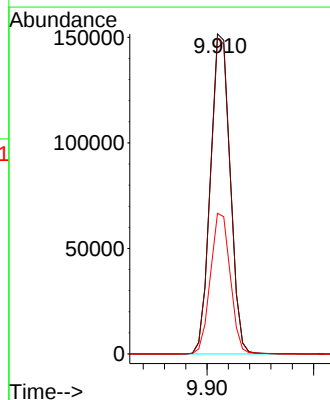
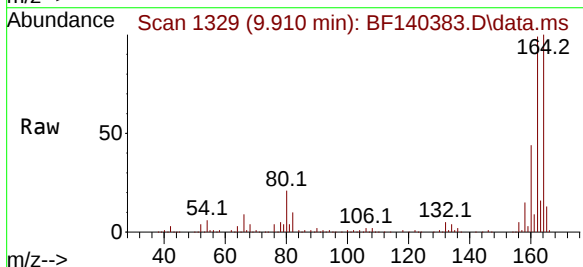
Instrument :
BNA_F
ClientSampleId :
BF-F14

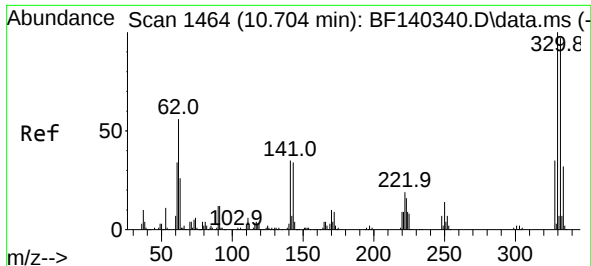
Tgt Ion: 82 Resp: 556915
Ion Ratio Lower Upper
82 100
128 42.5 33.3 49.9
54 48.7 39.8 59.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF140383.D
Acq: 15 Nov 2024 00:32

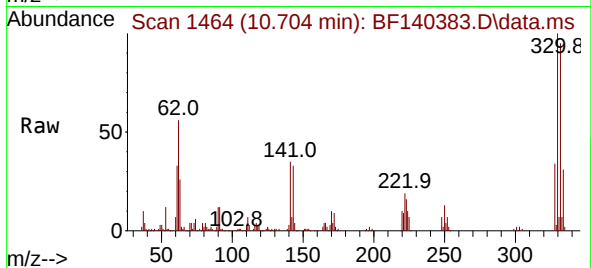
Tgt Ion:164 Resp: 195337
Ion Ratio Lower Upper
164 100
162 98.6 79.8 119.8
160 44.0 35.4 53.0



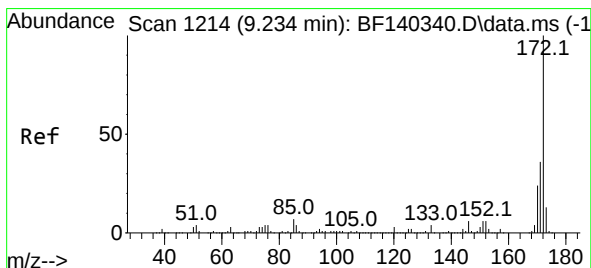
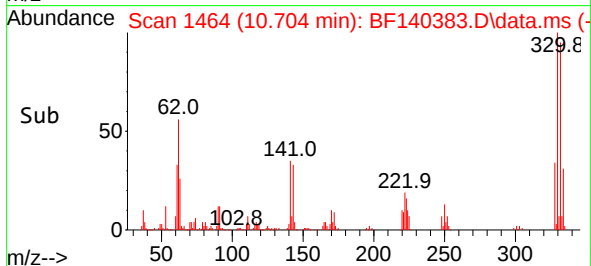
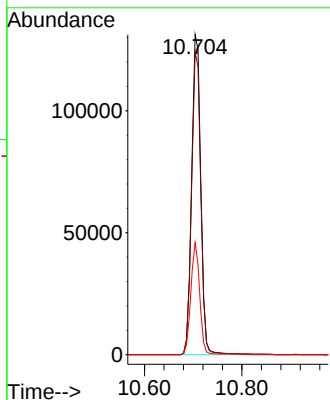


#42
2,4,6-Tribromophenol
Concen: 88.821 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140383.D
Acq: 15 Nov 2024 00:32

Instrument :
BNA_F
ClientSampleId :
BF-F14

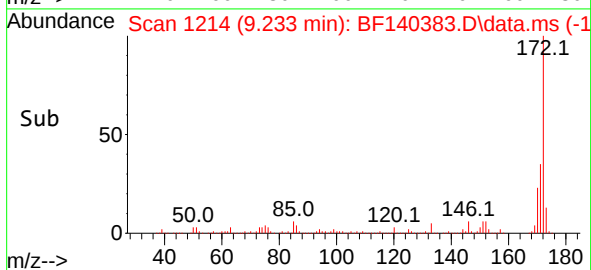
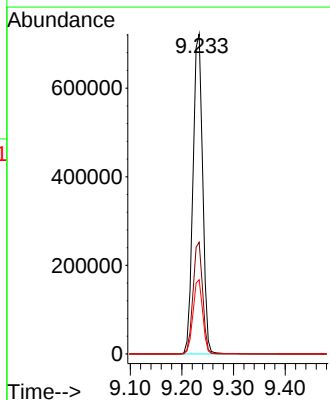
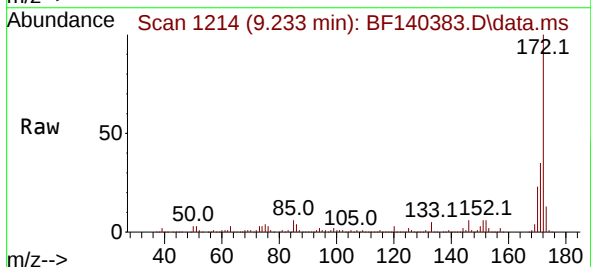


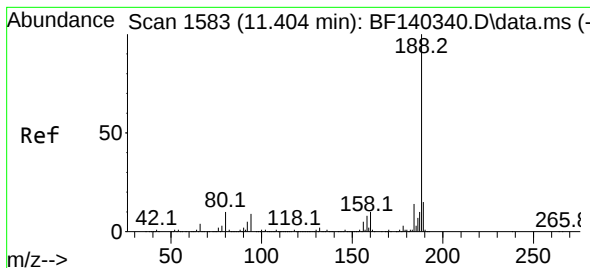
Tgt Ion:330 Resp: 172532
Ion Ratio Lower Upper
330 100
332 95.1 75.9 113.9
141 33.6 26.9 40.3



#45
2-Fluorobiphenyl
Concen: 77.288 ng
RT: 9.233 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF140383.D
Acq: 15 Nov 2024 00:32

Tgt Ion:172 Resp: 939142
Ion Ratio Lower Upper
172 100
171 34.9 28.5 42.7
170 23.2 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: BF140383.D

Acq: 15 Nov 2024 00:32

Instrument :

BNA_F

ClientSampleId :

BF-F14

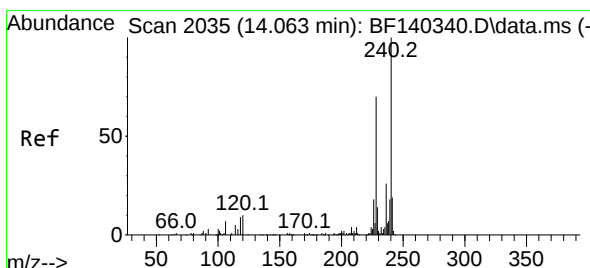
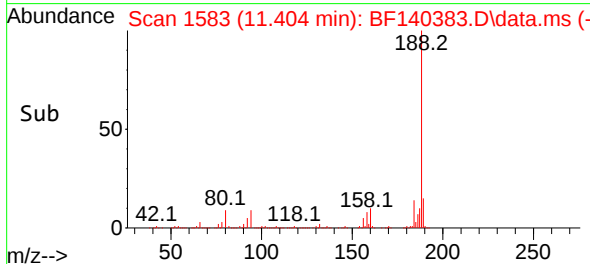
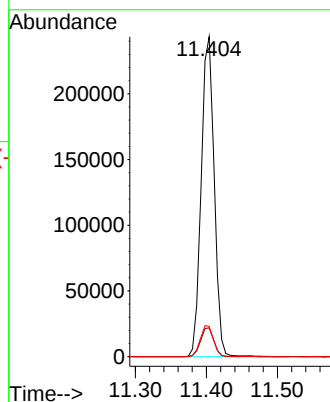
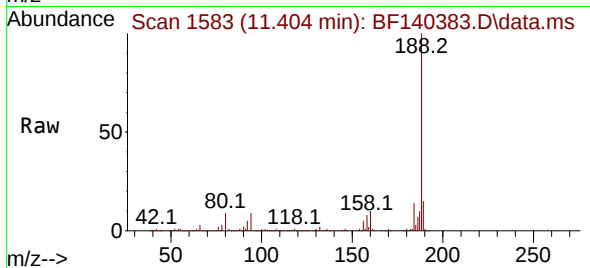
Tgt Ion:188 Resp: 310423

Ion Ratio Lower Upper

188 100

94 9.0 7.6 11.4

80 9.4 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: BF140383.D

Acq: 15 Nov 2024 00:32

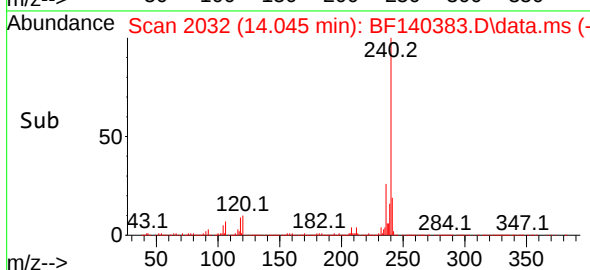
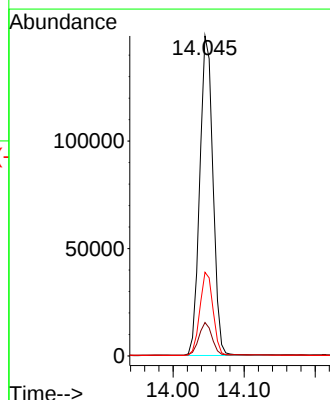
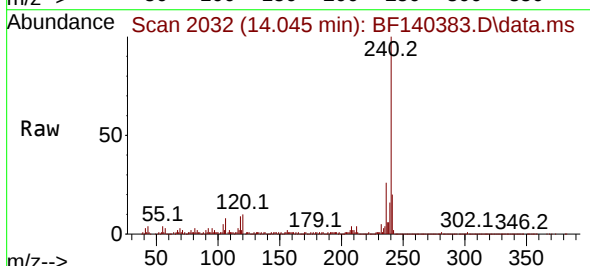
Tgt Ion:240 Resp: 192899

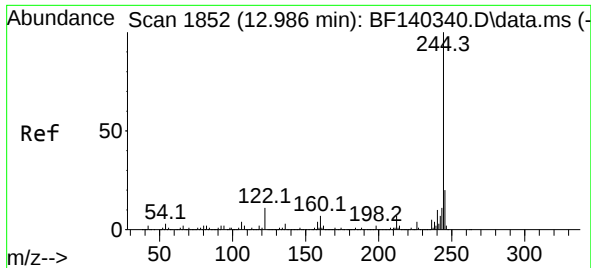
Ion Ratio Lower Upper

240 100

120 10.5 8.8 13.2

236 26.1 20.9 31.3

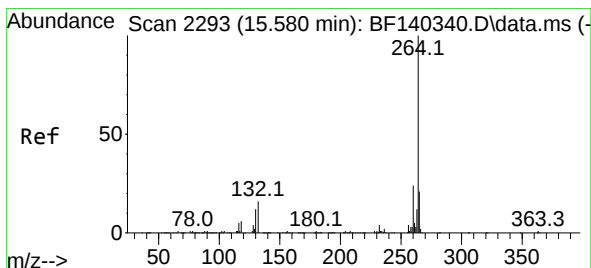
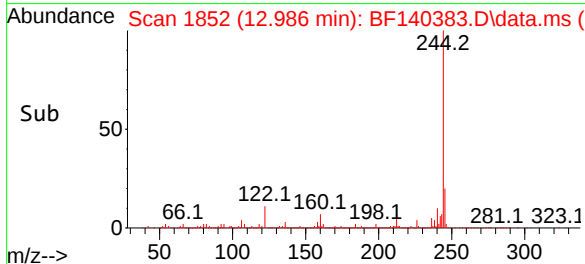
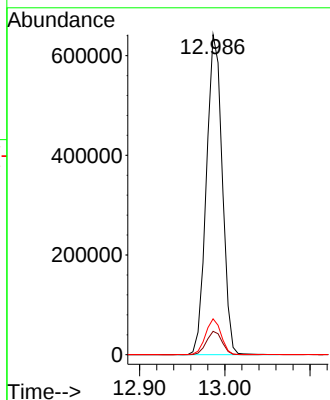
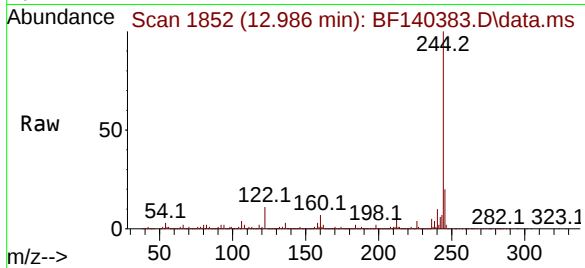




#79
 Terphenyl-d14
 Concen: 74.532 ng
 RT: 12.986 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF140383.D
 Acq: 15 Nov 2024 00:32

Instrument :
 BNA_F
 ClientSampleId :
 BF-F14

Tgt Ion:244 Resp: 828271
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 11.2 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: BF140383.D
 Acq: 15 Nov 2024 00:32

Tgt Ion:264 Resp: 144849
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 20.8 17.1 25.7

