

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111524\
 Data File : BF140405.D
 Acq On : 15 Nov 2024 15:55
 Operator : RC/JU
 Sample : P4807-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Quant Time: Nov 15 16:22:47 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	6.875	152	130660	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	484036	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	266243	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	489759	20.000	ng	0.00
76) Chrysene-d12	14.051	240	272466	20.000	ng	0.00
86) Perylene-d12	15.568	264	274318	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	955682	124.883	ng	0.03
7) Phenol-d6	6.516	99	1207309	116.445	ng	0.01
23) Nitrobenzene-d5	7.434	82	824209	88.720	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	356417	134.620	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1502012	90.690	ng	0.00
79) Terphenyl-d14	12.986	244	1557951	99.252	ng	0.00

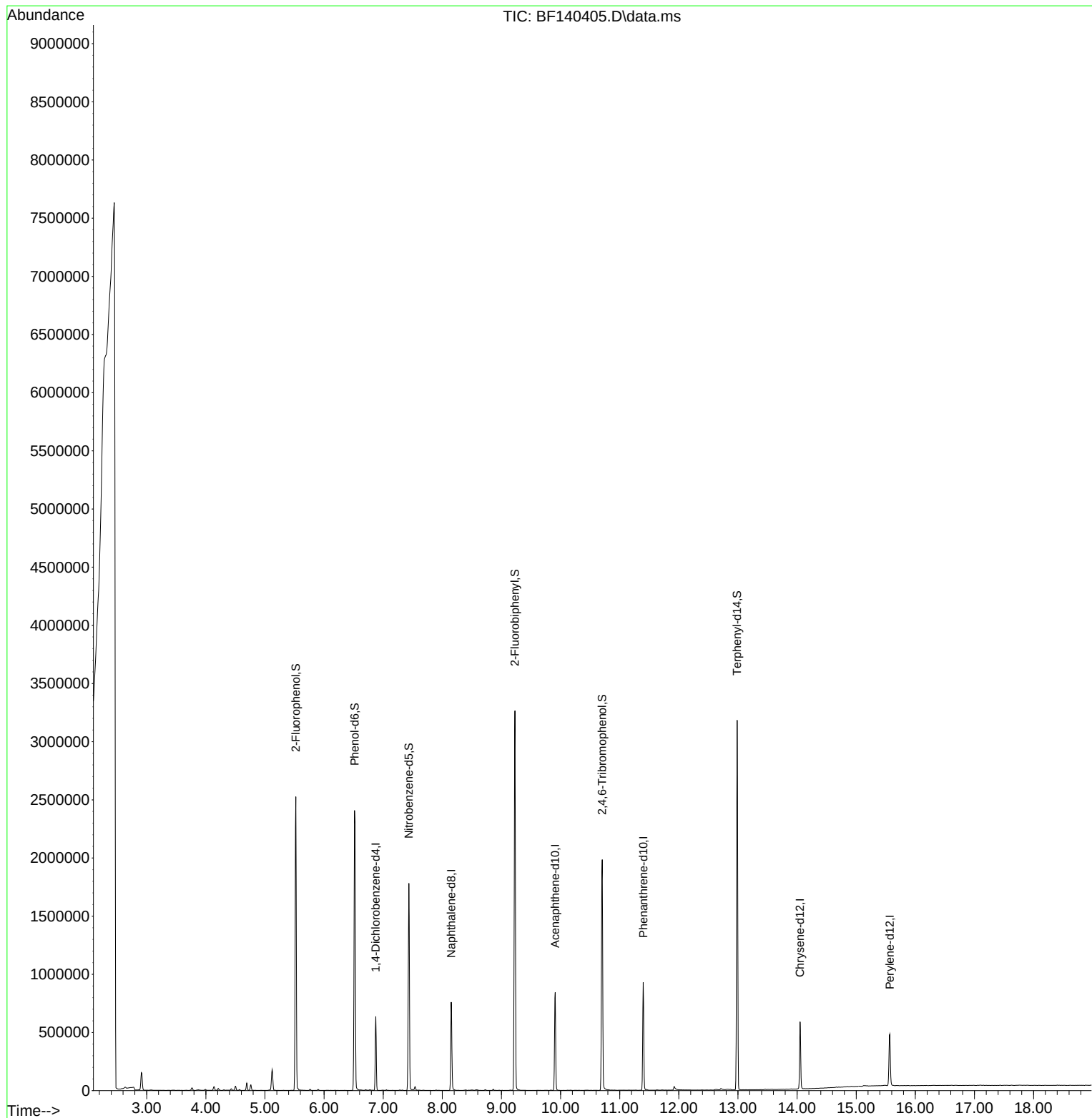
Target Compounds	Qvalue

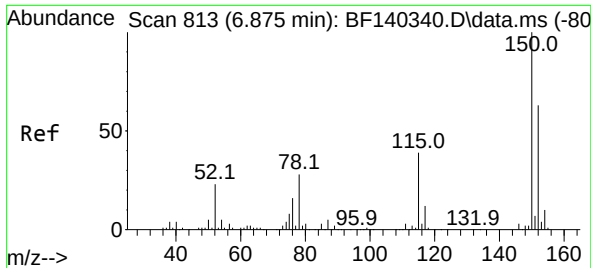
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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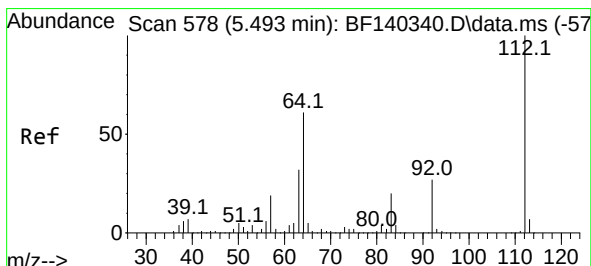
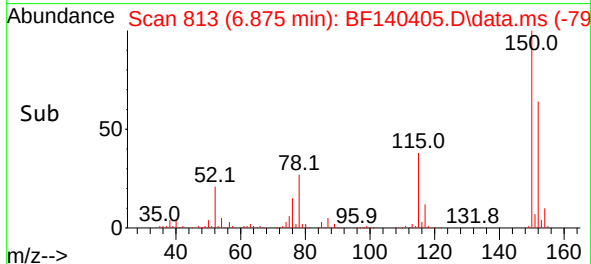
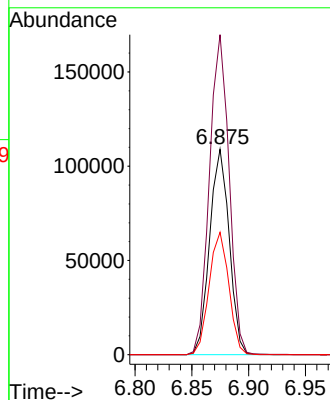
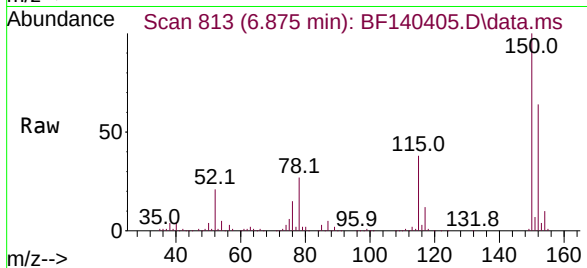




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140405.D
Acq: 15 Nov 2024 15:55

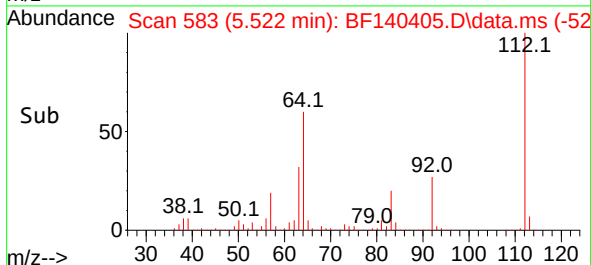
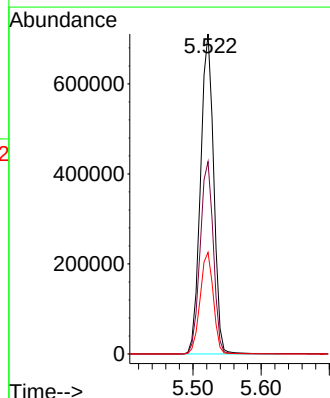
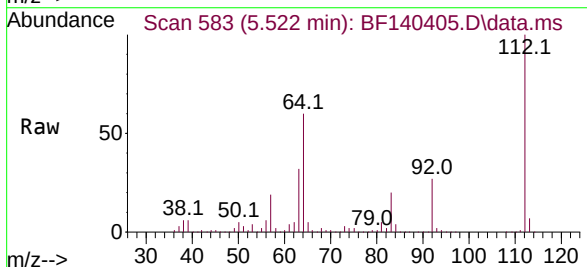
Instrument :
BNA_F
ClientSampleId :
TP-6

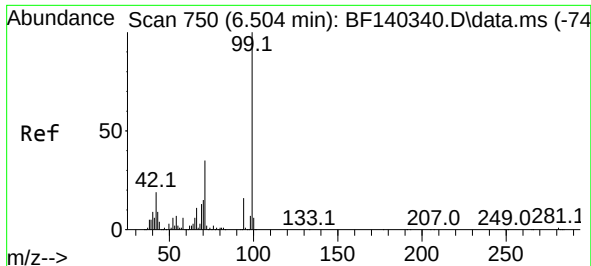
Tgt Ion:152 Resp: 130660
Ion Ratio Lower Upper
152 100
150 155.7 127.4 191.0
115 59.6 47.4 71.2



#5
2-Fluorophenol
Concen: 124.883 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.029 min
Lab File: BF140405.D
Acq: 15 Nov 2024 15:55

Tgt Ion:112 Resp: 955682
Ion Ratio Lower Upper
112 100
64 60.1 49.2 73.8
63 31.8 25.6 38.4





#7

Phenol-d6

Concen: 116.445 ng

RT: 6.516 min Scan# 71

Delta R.T. 0.012 min

Lab File: BF140405.D

Acq: 15 Nov 2024 15:55

Instrument :

BNA_F

ClientSampleId :

TP-6

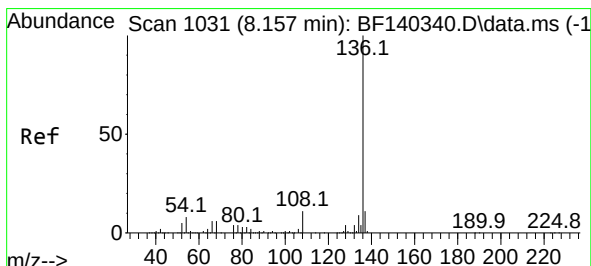
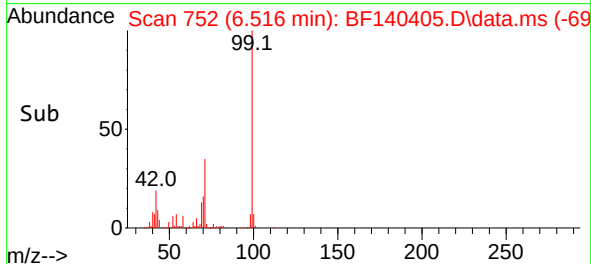
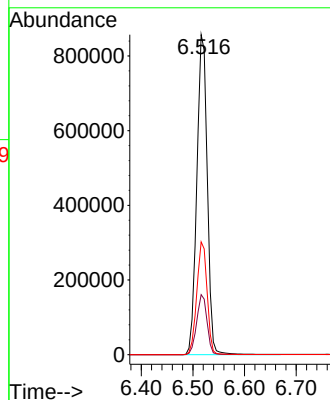
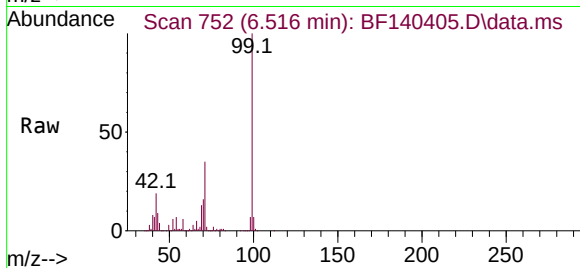
Tgt Ion: 99 Resp: 1207309

Ion Ratio Lower Upper

99 100

42 18.7 15.1 22.7

71 35.3 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: BF140405.D

Acq: 15 Nov 2024 15:55

Tgt Ion: 136 Resp: 484036

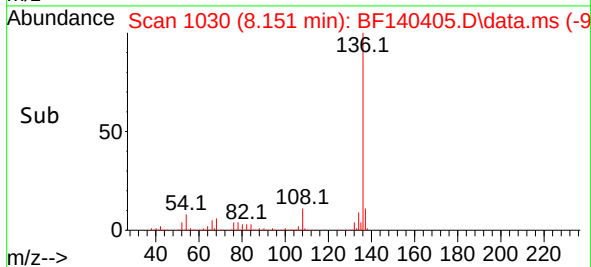
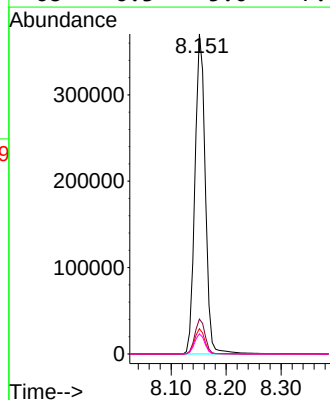
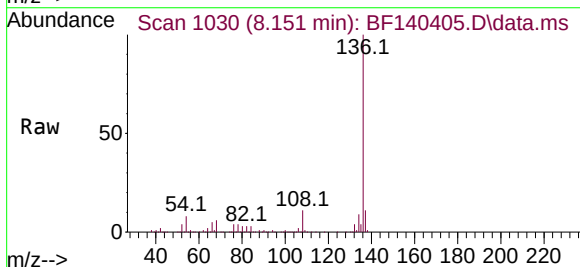
Ion Ratio Lower Upper

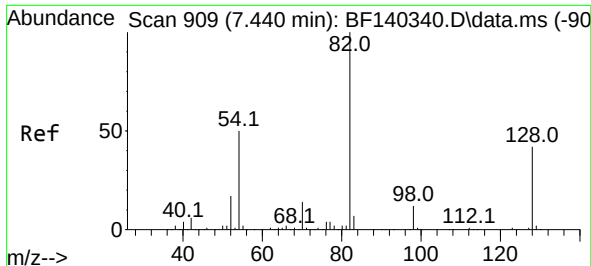
136 100

137 10.9 8.7 13.1

54 7.9 6.5 9.7

68 6.3 5.0 7.6





#23

Nitrobenzene-d5

Concen: 88.720 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140405.D

Acq: 15 Nov 2024 15:55

Instrument :

BNA_F

ClientSampleId :

TP-6

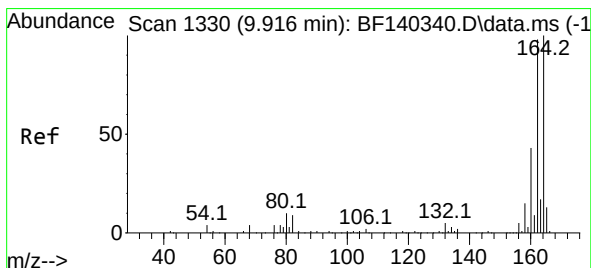
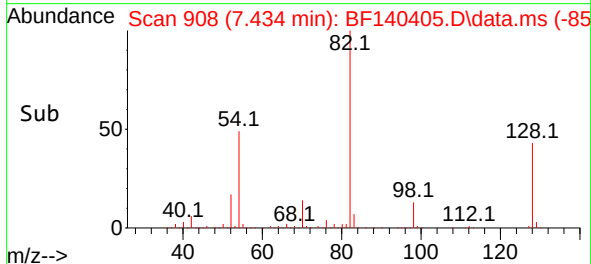
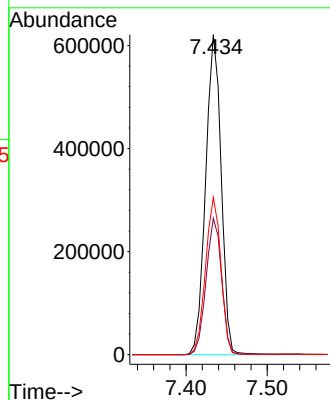
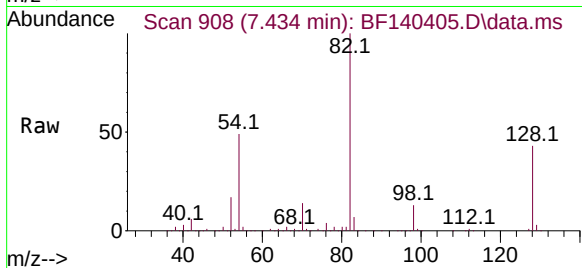
Tgt Ion: 82 Resp: 824209

Ion Ratio Lower Upper

82 100

128 42.6 33.3 49.9

54 49.1 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: BF140405.D

Acq: 15 Nov 2024 15:55

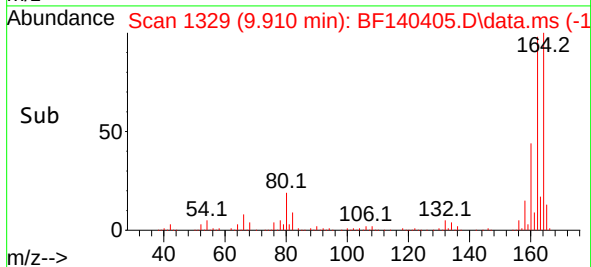
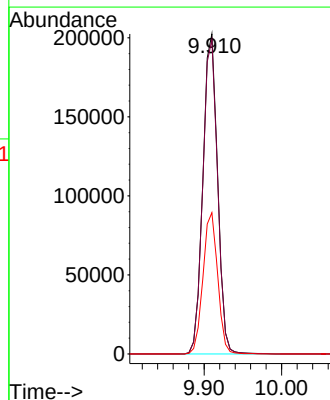
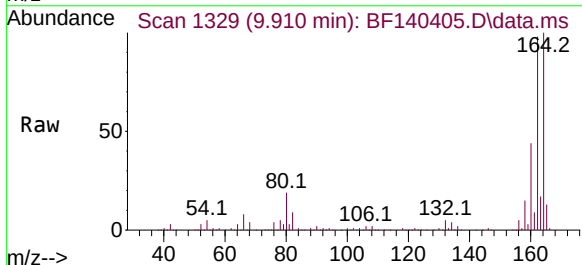
Tgt Ion:164 Resp: 266243

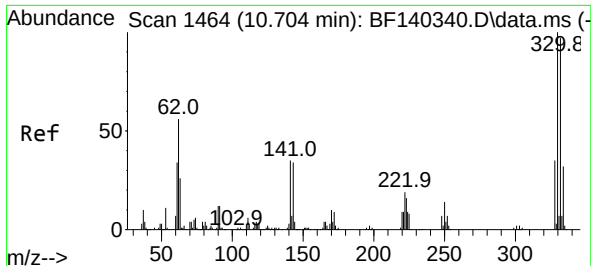
Ion Ratio Lower Upper

164 100

162 98.1 79.8 119.8

160 44.1 35.4 53.0

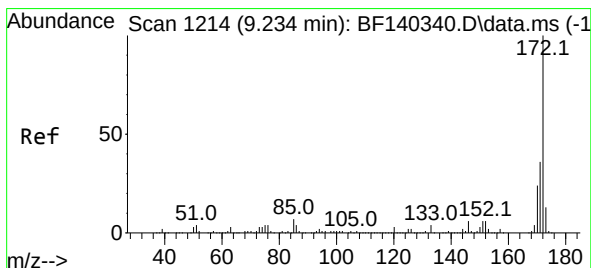
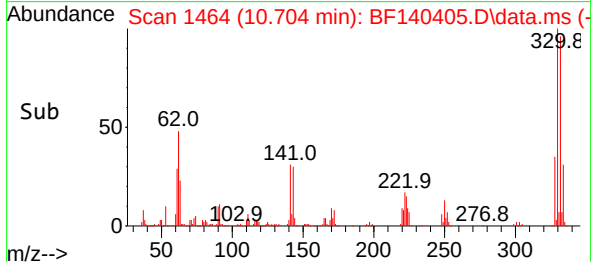
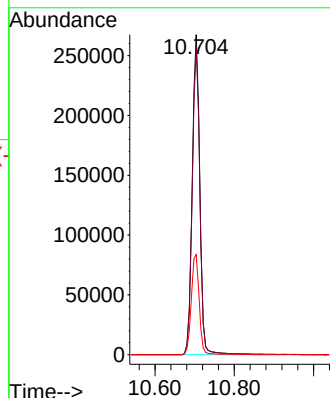
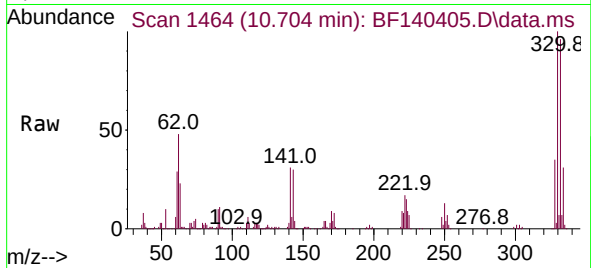




#42
2,4,6-Tribromophenol
Concen: 134.620 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140405.D
Acq: 15 Nov 2024 15:55

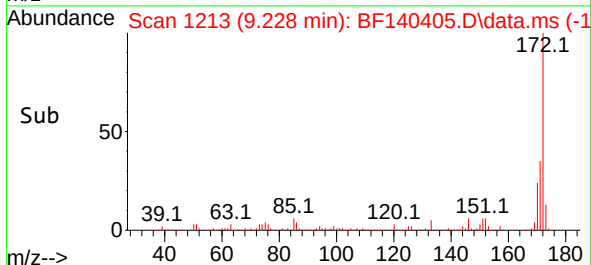
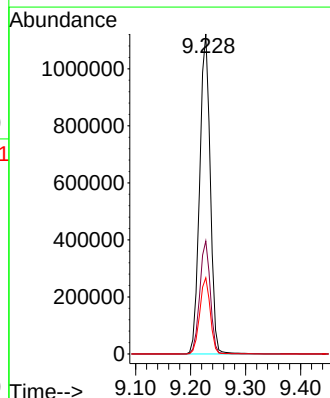
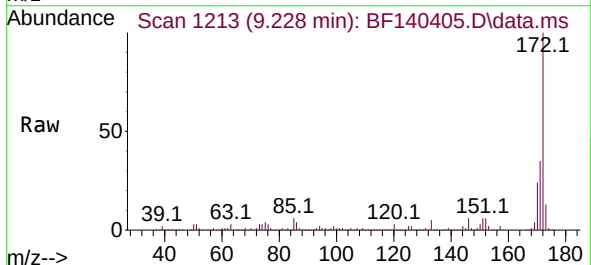
Instrument :
BNA_F
ClientSampleId :
TP-6

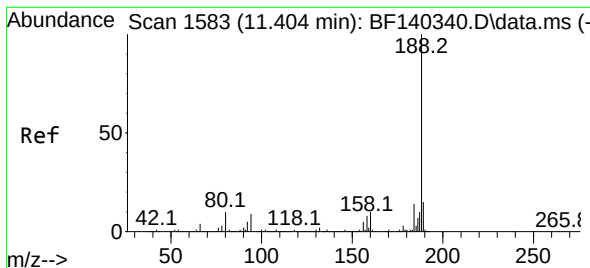
Tgt Ion: 330 Resp: 356417
Ion Ratio Lower Upper
330 100
332 96.4 75.9 113.9
141 32.9 26.9 40.3



#45
2-Fluorobiphenyl
Concen: 90.690 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140405.D
Acq: 15 Nov 2024 15:55

Tgt Ion: 172 Resp: 1502012
Ion Ratio Lower Upper
172 100
171 35.3 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: BF140405.D

Acq: 15 Nov 2024 15:55

Instrument :

BNA_F

ClientSampleId :

TP-6

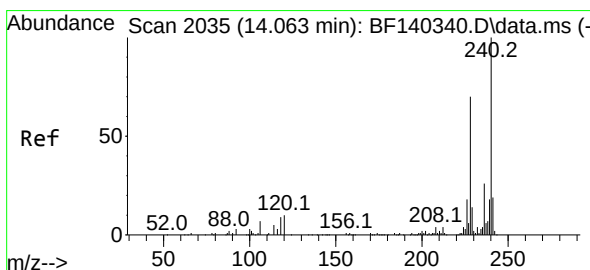
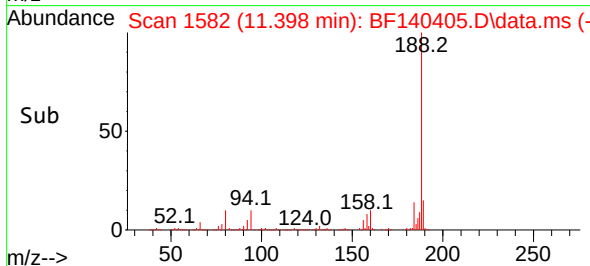
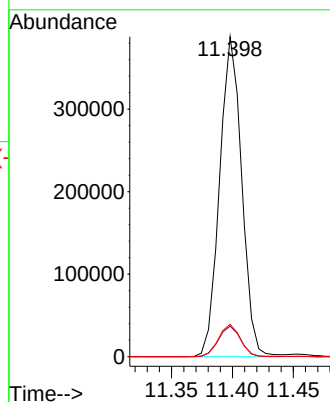
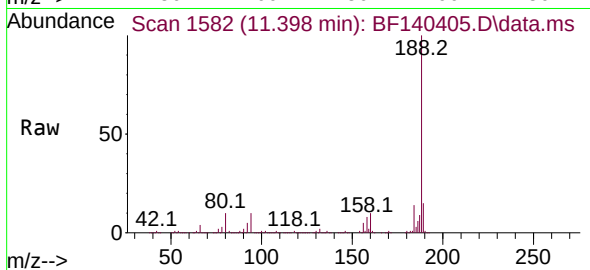
Tgt Ion:188 Resp: 489759

Ion Ratio Lower Upper

188 100

94 9.6 7.6 11.4

80 10.1 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: BF140405.D

Acq: 15 Nov 2024 15:55

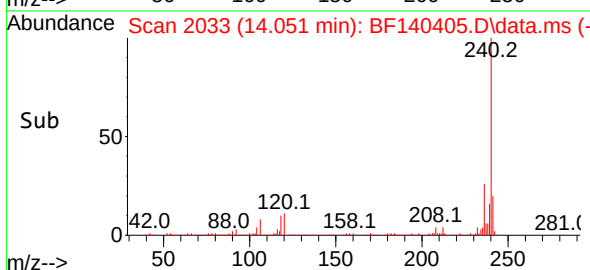
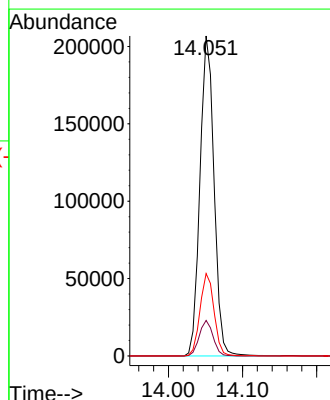
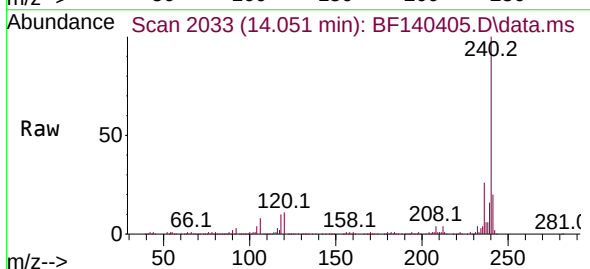
Tgt Ion:240 Resp: 272466

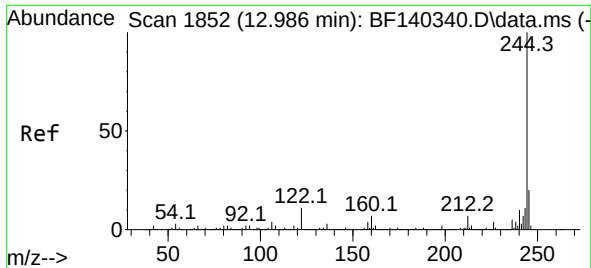
Ion Ratio Lower Upper

240 100

120 11.1 8.8 13.2

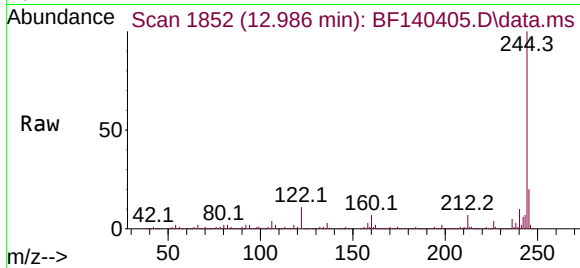
236 25.8 20.9 31.3



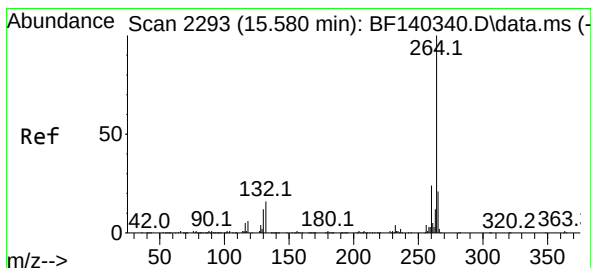
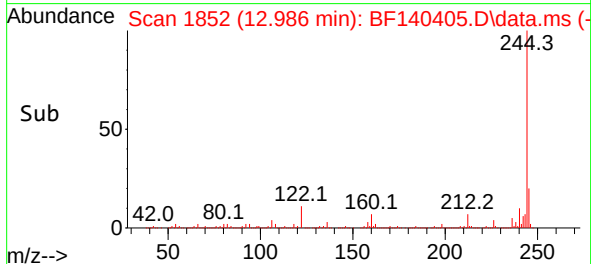
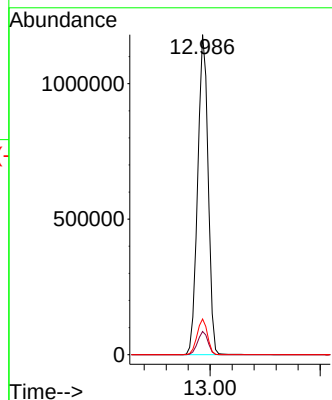


#79
 Terphenyl-d14
 Concen: 99.252 ng
 RT: 12.986 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF140405.D
 Acq: 15 Nov 2024 15:55

Instrument :
 BNA_F
 ClientSampleId :
 TP-6



Tgt Ion:244 Resp: 1557951
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 11.2 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.568 min Scan# 2291
 Delta R.T. 0.012 min
 Lab File: BF140405.D
 Acq: 15 Nov 2024 15:55

Tgt Ion:264 Resp: 274318
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.2 17.1 25.7

