

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111824\
 Data File : BF140448.D
 Acq On : 18 Nov 2024 12:24
 Operator : RC/JU
 Sample : PB164940BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164940BL

Quant Time: Nov 18 12:54:24 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	137693	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	537124	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	302062	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	571216	20.000	ng	0.00
76) Chrysene-d12	14.051	240	335934	20.000	ng	0.00
86) Perylene-d12	15.556	264	283190	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1057599	131.142	ng	0.02
7) Phenol-d6	6.516	99	1382954	126.573	ng	0.01
23) Nitrobenzene-d5	7.433	82	918736	89.120	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	397896	132.466	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1703658	90.667	ng	0.00
79) Terphenyl-d14	12.986	244	1892743	97.799	ng	0.00

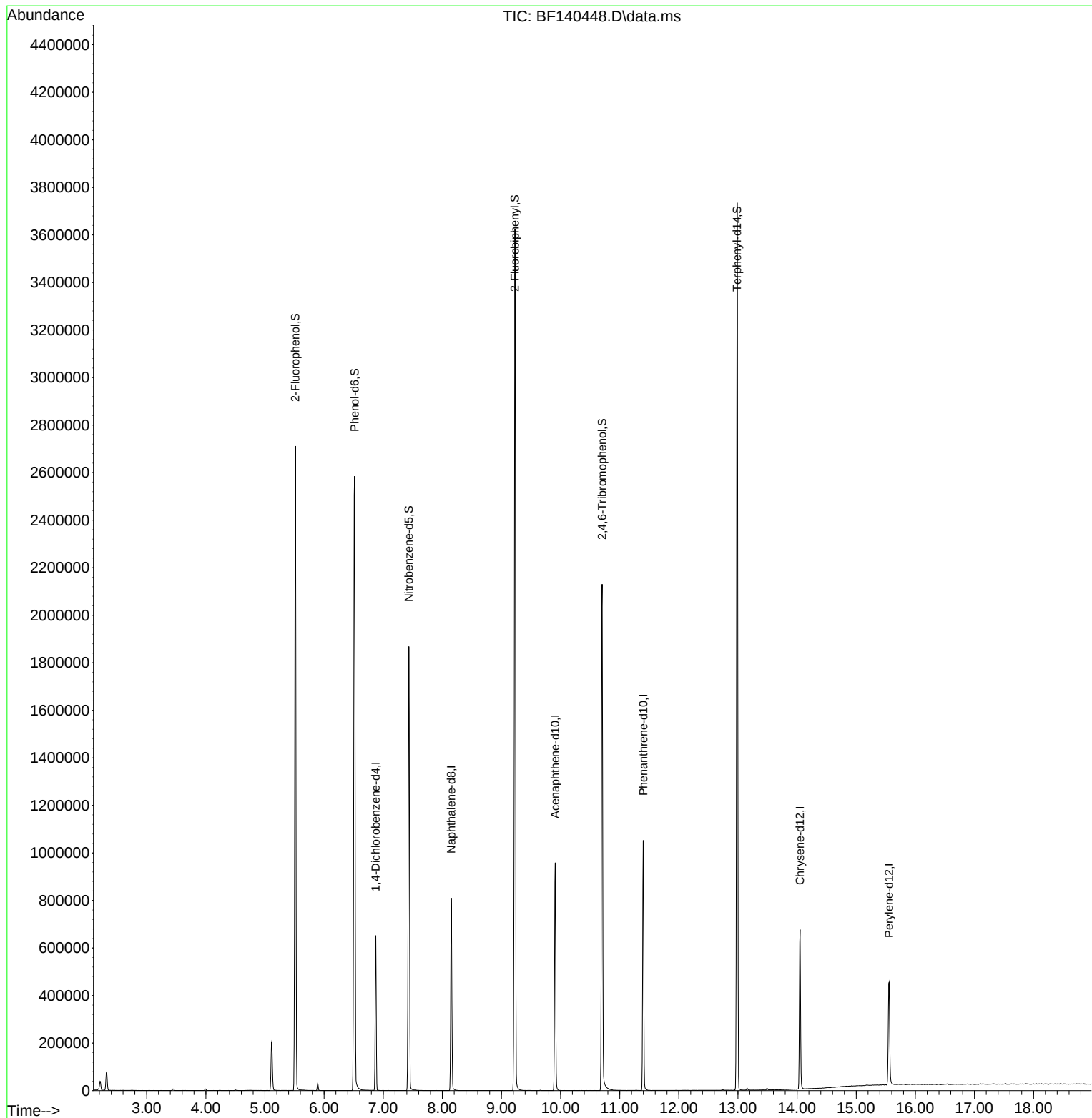
Target Compounds	Qvalue

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

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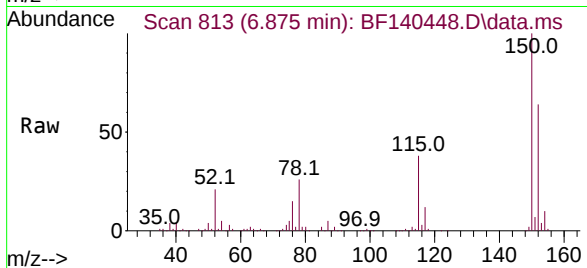
Quant Time: Nov 18 12:54:24 2024
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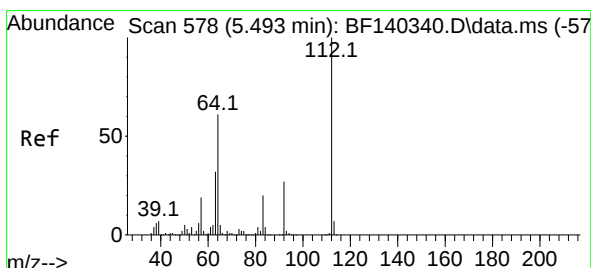
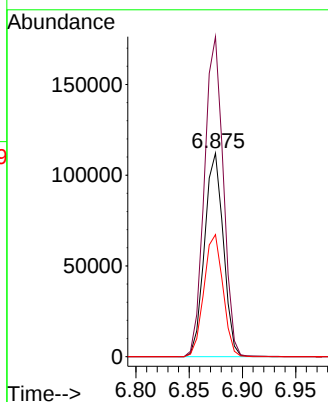
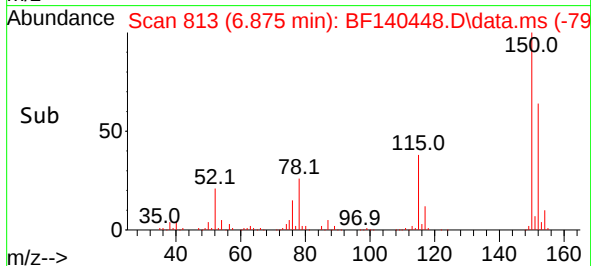


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140448.D
Acq: 18 Nov 2024 12:24

Instrument :
BNA_F
ClientSampleId :
PB164940BL

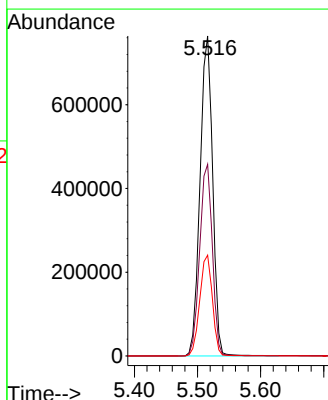
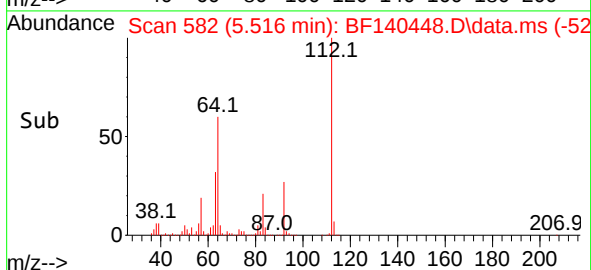
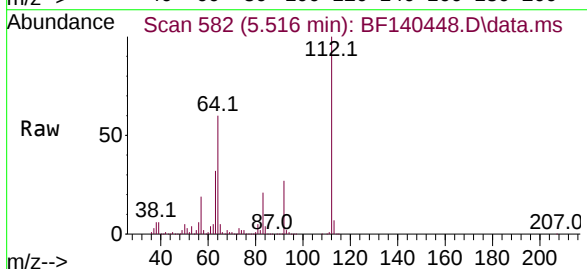


Tgt Ion:152 Resp: 137693
Ion Ratio Lower Upper
152 100
150 157.3 127.4 191.0
115 60.0 47.4 71.2



#5
2-Fluorophenol
Concen: 131.142 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.023 min
Lab File: BF140448.D
Acq: 18 Nov 2024 12:24

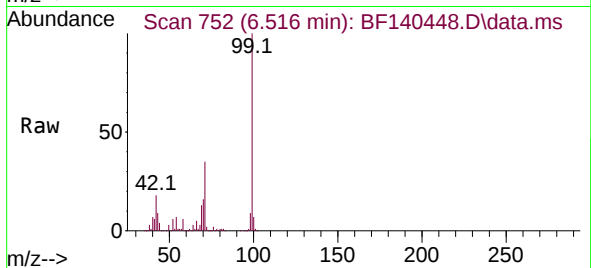
Tgt Ion:112 Resp: 1057599
Ion Ratio Lower Upper
112 100
64 59.9 49.2 73.8
63 31.5 25.6 38.4





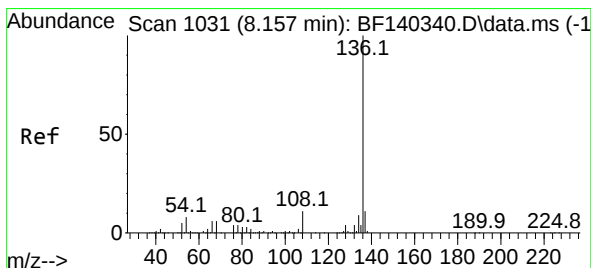
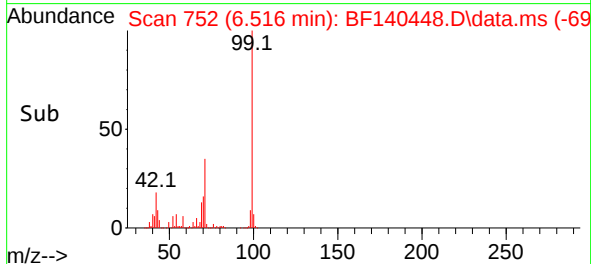
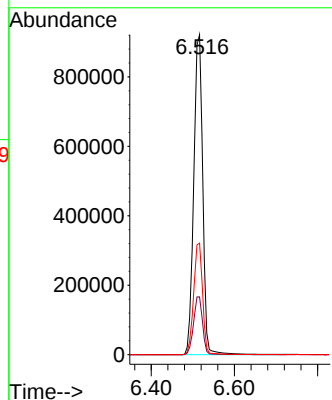
#7
Phenol-d6
Concen: 126.573 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF140448.D
Acq: 18 Nov 2024 12:24

Instrument :
BNA_F
ClientSampleId :
PB164940BL



Tgt Ion: 99 Resp: 1382954

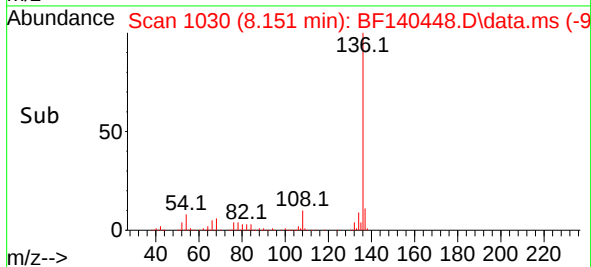
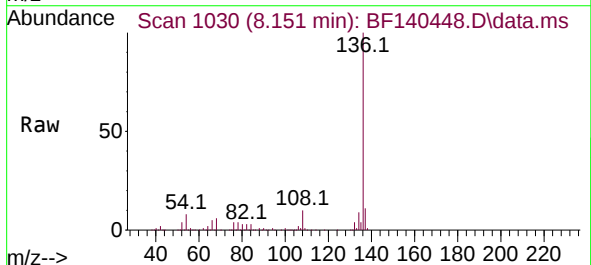
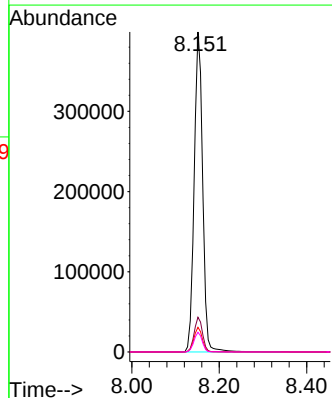
Ion	Ratio	Lower	Upper
99	100		
42	18.1	15.1	22.7
71	34.9	27.9	41.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140448.D
Acq: 18 Nov 2024 12:24

Tgt Ion: 136 Resp: 537124

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	7.7	6.5	9.7
68	6.2	5.0	7.6





#23

Nitrobenzene-d5

Concen: 89.120 ng

RT: 7.433 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140448.D

Acq: 18 Nov 2024 12:24

Instrument :

BNA_F

ClientSampleId :

PB164940BL

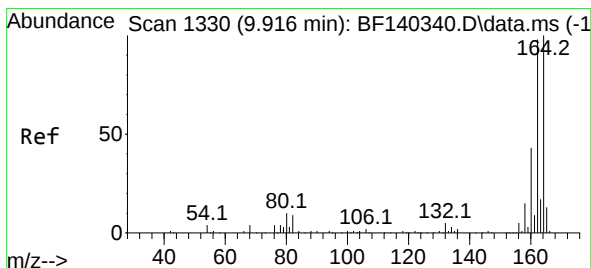
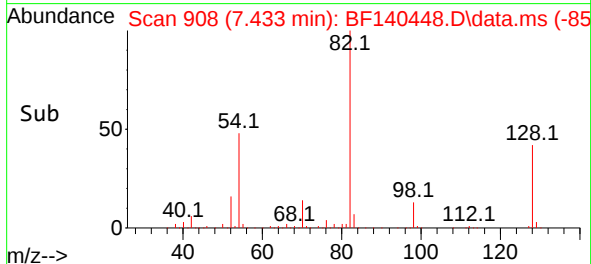
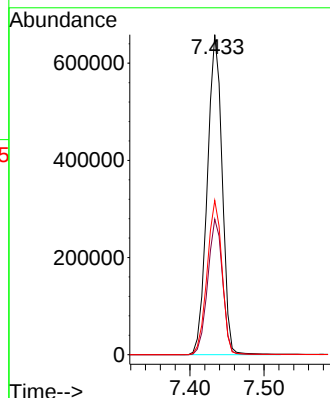
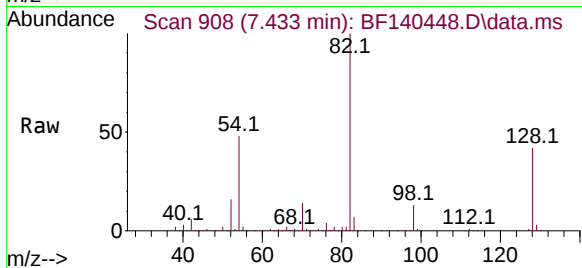
Tgt Ion: 82 Resp: 918736

Ion Ratio Lower Upper

82 100

128 42.4 33.3 49.9

54 48.2 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: BF140448.D

Acq: 18 Nov 2024 12:24

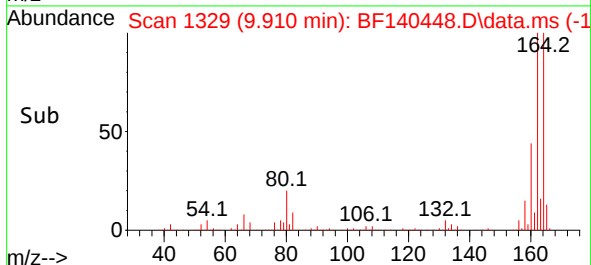
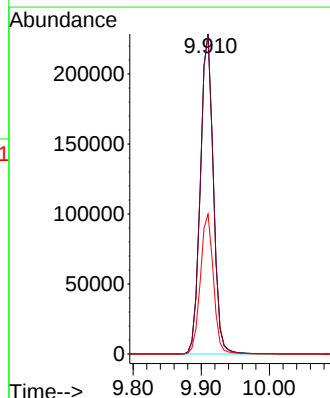
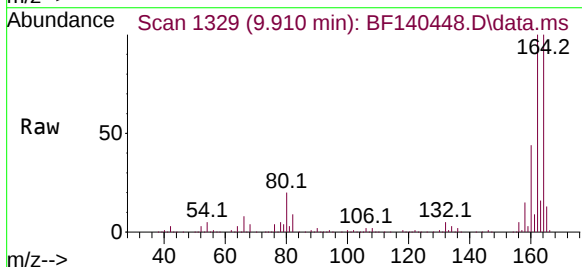
Tgt Ion:164 Resp: 302062

Ion Ratio Lower Upper

164 100

162 99.6 79.8 119.8

160 43.7 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 132.466 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.000 min

Lab File: BF140448.D

Acq: 18 Nov 2024 12:24

Instrument :

BNA_F

ClientSampleId :

PB164940BL

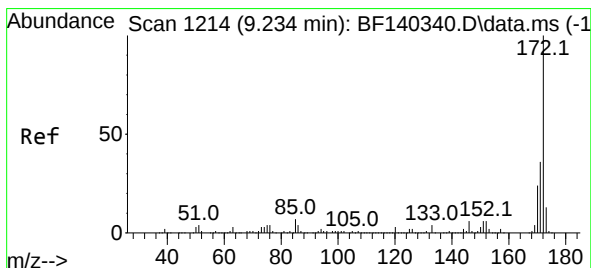
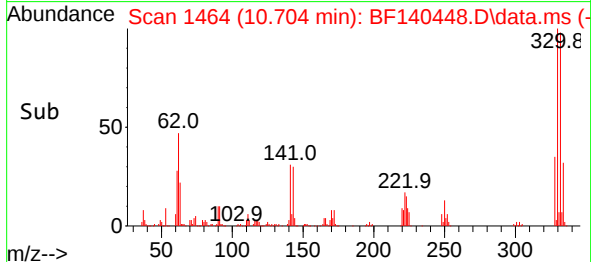
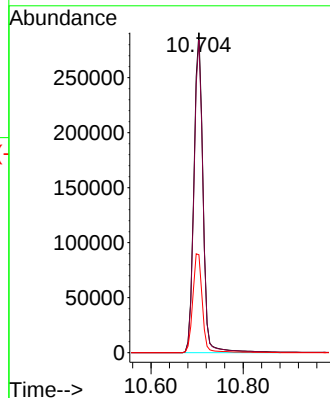
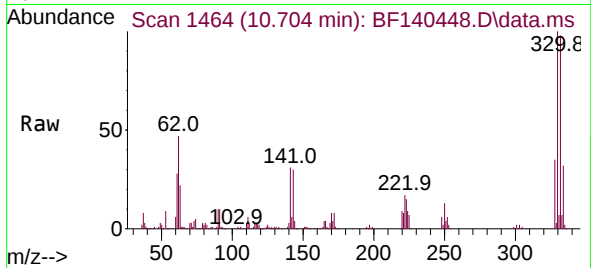
Tgt Ion:330 Resp: 397896

Ion Ratio Lower Upper

330 100

332 97.4 75.9 113.9

141 32.6 26.9 40.3



#45

2-Fluorobiphenyl

Concen: 90.667 ng

RT: 9.227 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140448.D

Acq: 18 Nov 2024 12:24

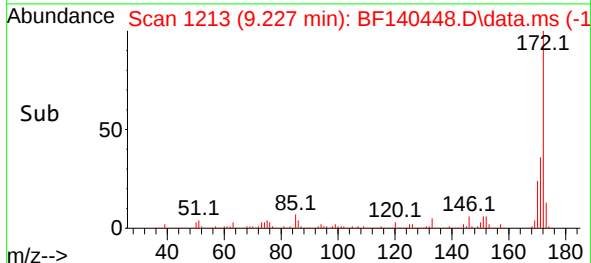
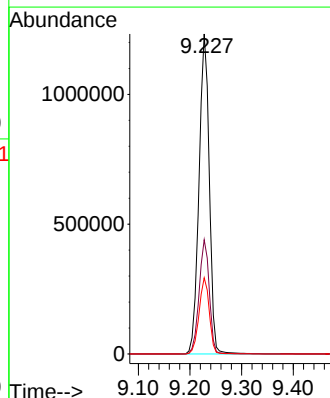
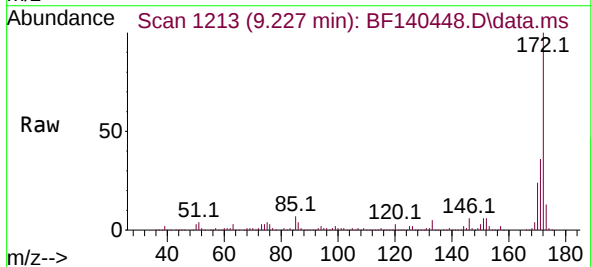
Tgt Ion:172 Resp: 1703658

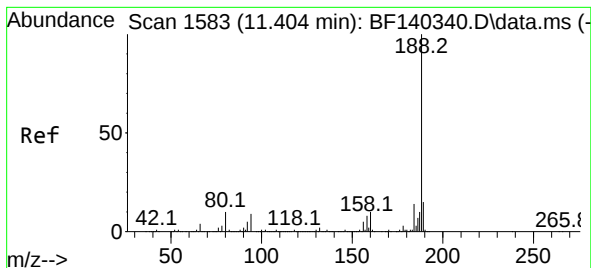
Ion Ratio Lower Upper

172 100

171 35.7 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: BF140448.D

Acq: 18 Nov 2024 12:24

Instrument :

BNA_F

ClientSampleId :

PB164940BL

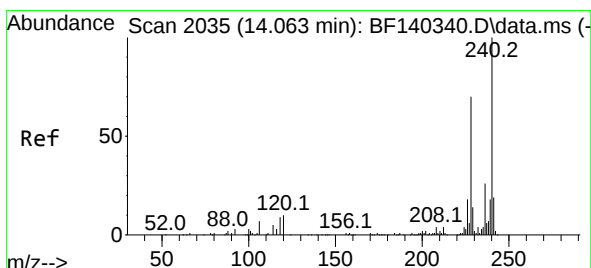
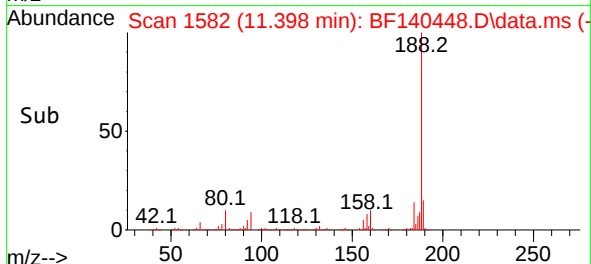
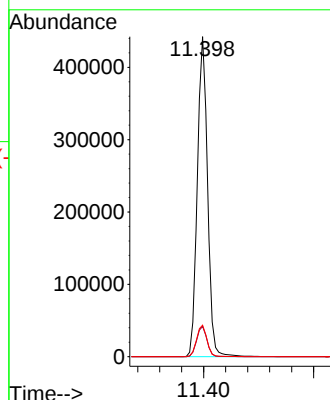
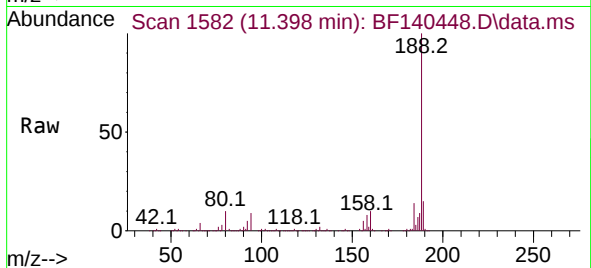
Tgt Ion:188 Resp: 571216

Ion Ratio Lower Upper

188 100

94 9.5 7.6 11.4

80 9.8 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: BF140448.D

Acq: 18 Nov 2024 12:24

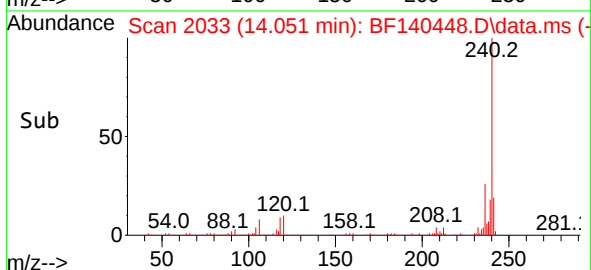
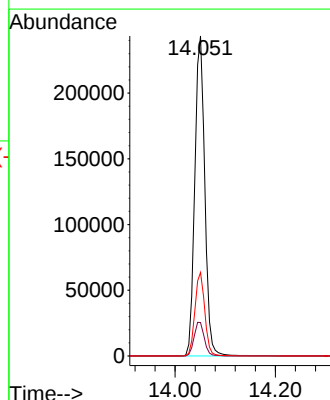
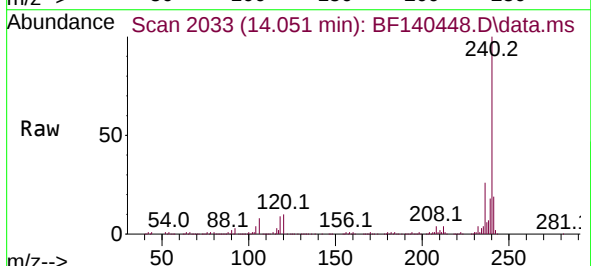
Tgt Ion:240 Resp: 335934

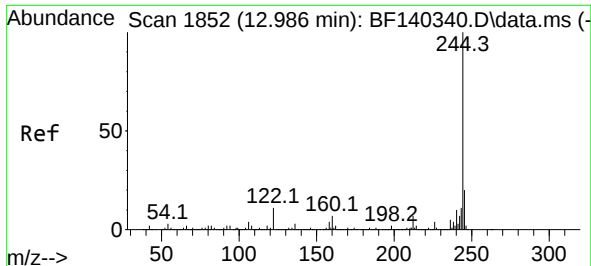
Ion Ratio Lower Upper

240 100

120 10.5 8.8 13.2

236 26.1 20.9 31.3

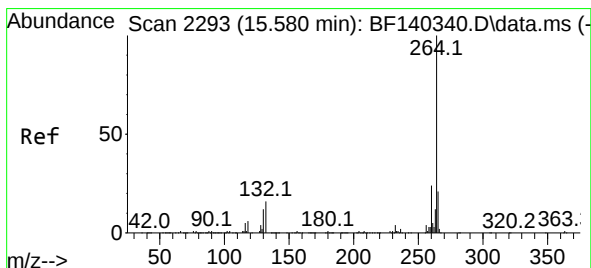
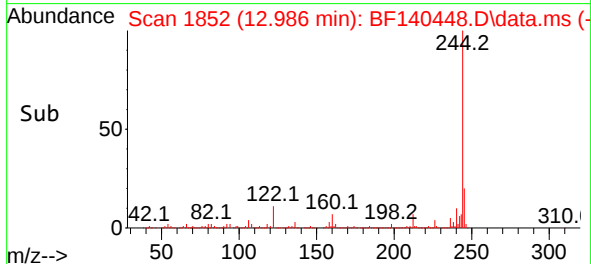
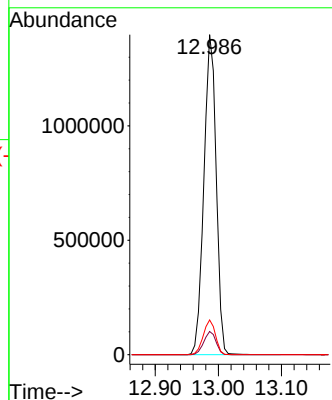
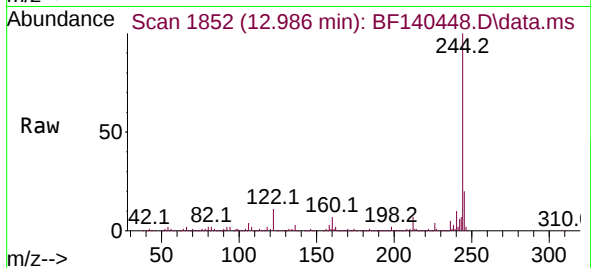




#79
 Terphenyl-d14
 Concen: 97.799 ng
 RT: 12.986 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF140448.D
 Acq: 18 Nov 2024 12:24

Instrument :
 BNA_F
 ClientSampleId :
 PB164940BL

Tgt Ion:244 Resp: 1892743
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 10.9 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.556 min Scan# 2289
 Delta R.T. -0.000 min
 Lab File: BF140448.D
 Acq: 18 Nov 2024 12:24

Tgt Ion:264 Resp: 283190
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 21.7 17.1 25.7

