

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
 Data File : BF094771.D
 Acq On : 2 May 2017 1:52
 Operator : SJ/MA
 Sample : I2920-09
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210/72-11940/72-11932

Quant Time: May 02 05:14:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	96871	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	373930	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	130238	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	259759	20.00	ng	-0.01
75) Chrysene-d12	14.47	240	160833	20.00	ng	0.00
86) Perylene-d12	16.09	264	71460	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	676052	115.78	ng	0.03
7) Phenol-d6	5.40	99	669472	97.26	ng	0.00
23) Nitrobenzene-d5	6.41	82	547084	90.34	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	173770	170.58	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1055543	119.25	ng	0.00
78) Terphenyl-d14	13.19	244	768681	127.75	ng	0.00

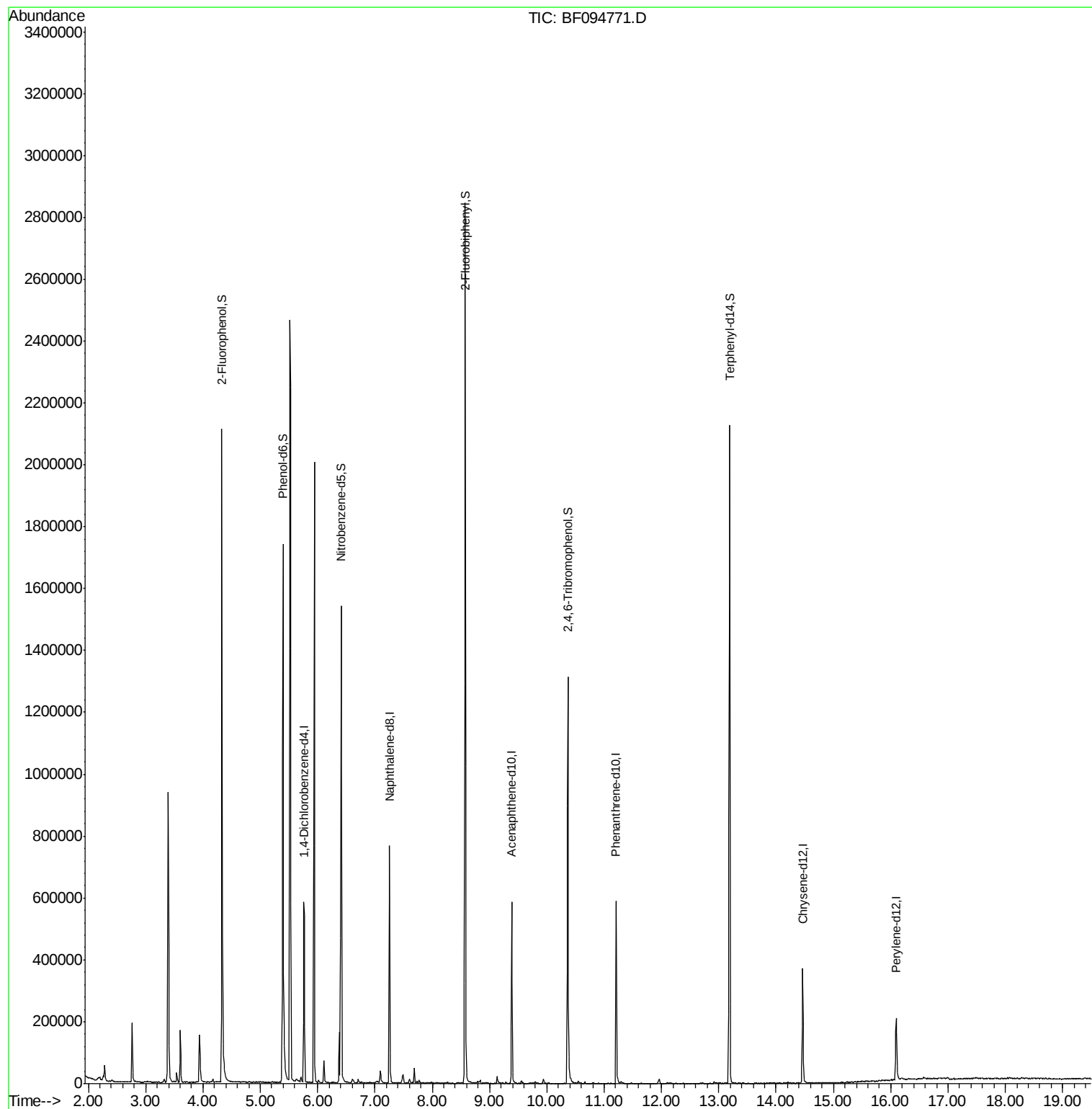
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.76 min Scan# 650

Delta R.T. -0.00 min

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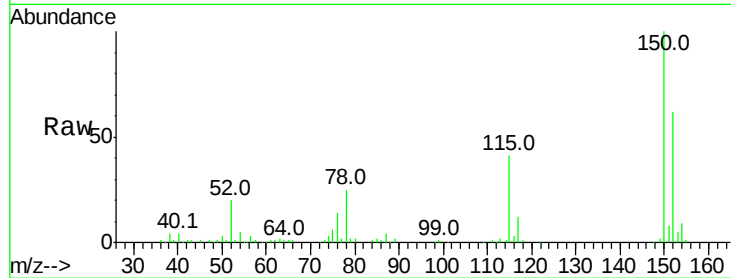
Tot Ion:152 Resp: 96871

Ion Ratio Lower Upper

152 100

150 161.4 126.2 189.2

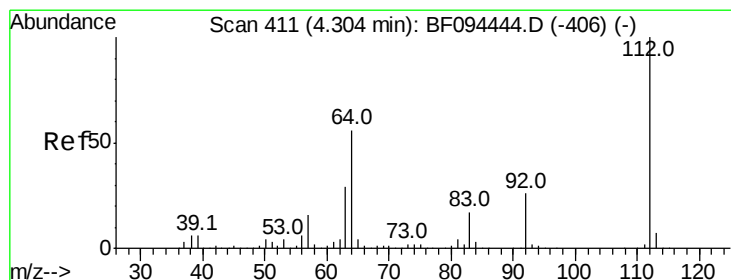
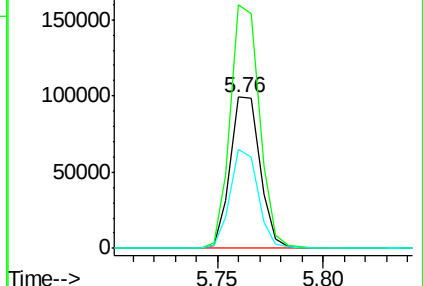
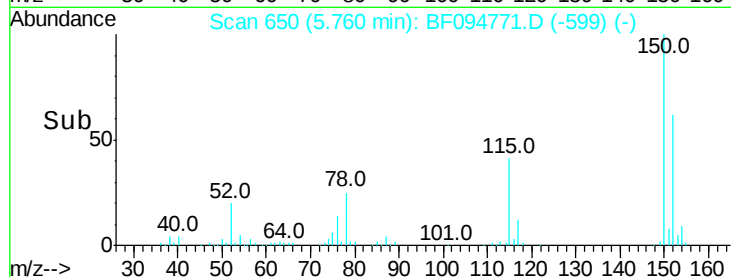
115 65.7 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 115.78 ng

RT: 4.33 min Scan# 407

Delta R.T. 0.03 min

Lab File: BF094771.D

Acq: 2 May 2017 1:52

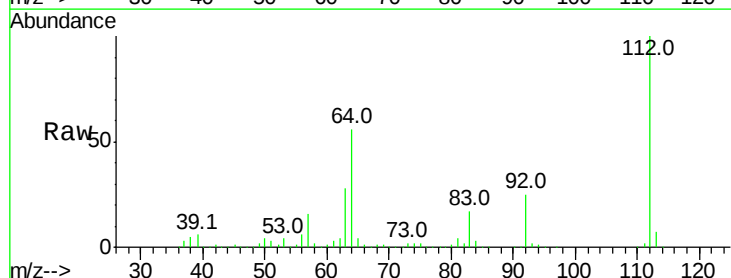
Tgt Ion:112 Resp: 676052

Ion Ratio Lower Upper

112 100

64 56.2 46.0 69.0

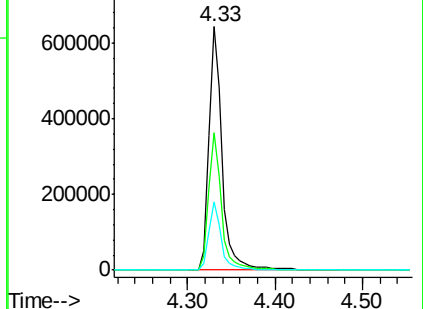
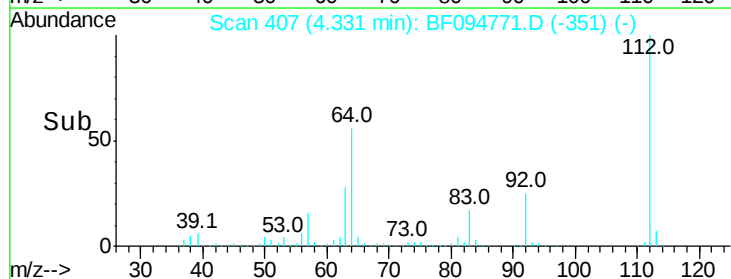
63 28.1 23.4 35.0

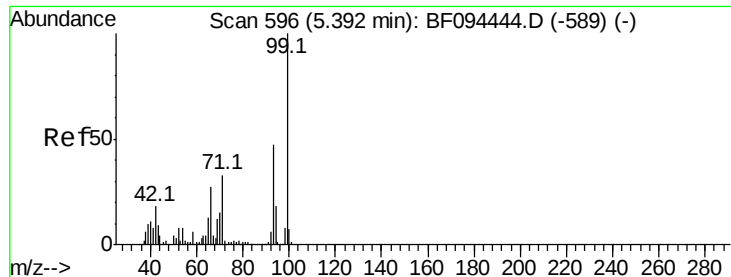


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 97.26 ng

RT: 5.40 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF094771.D

Acq: 2 May 2017 1:52

Instrument :

BNA_F

ClientSampleId :

VNJ-210/72-11940/72-11932

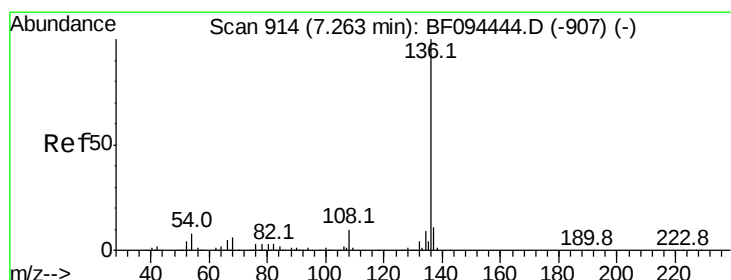
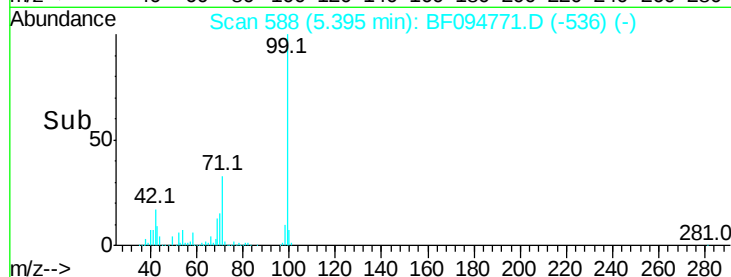
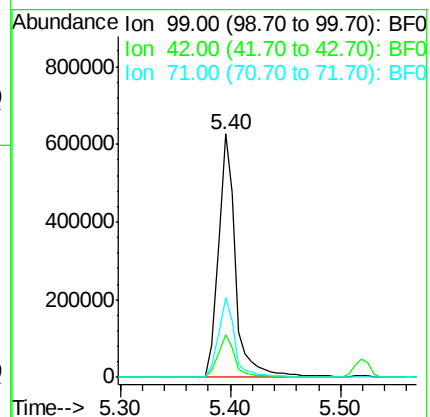
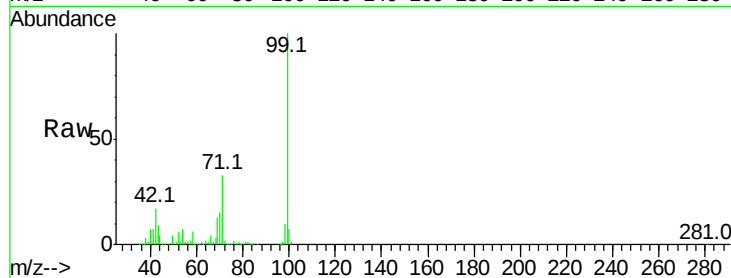
Tot Ion: 99 Resp: 669472

Ion Ratio Lower Upper

99 100

42 17.4 13.5 20.3

71 32.8 24.5 36.7



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.25 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF094771.D

Acq: 2 May 2017 1:52

Tgt Ion: 136 Resp: 373930

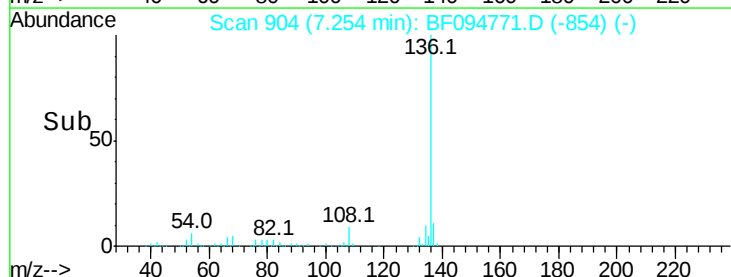
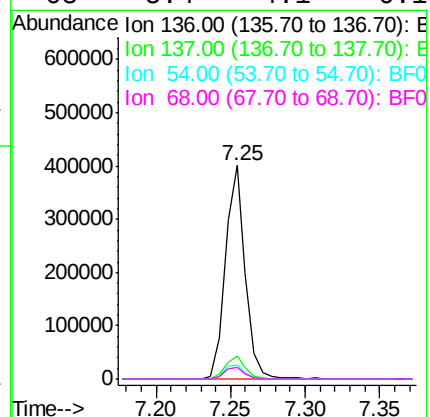
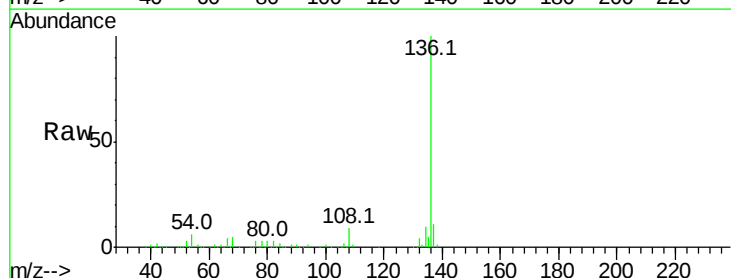
Ion Ratio Lower Upper

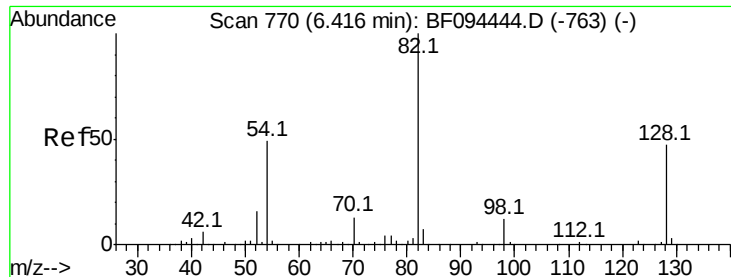
136 100

137 11.0 8.5 12.7

54 6.3 4.9 7.3

68 5.4 4.1 6.1





#23

Nitrobenzene-d5

Concen: 90.34 ng

RT: 6.41 min Scan# 761

Delta R.T. -0.00 min

Lab File: BF094771.D

Acq: 2 May 2017 1:52

Instrument :

BNA_F

ClientSampleId :

VNJ-210/72-11940/72-11932

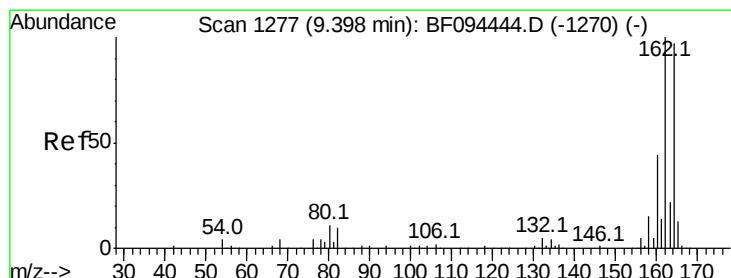
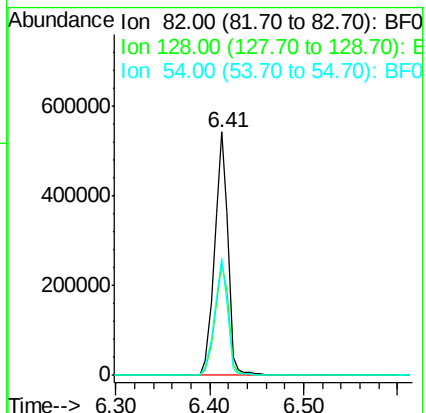
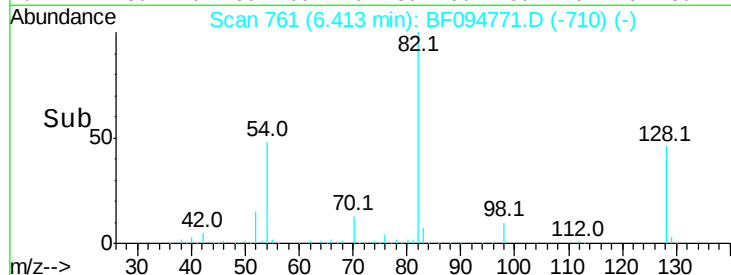
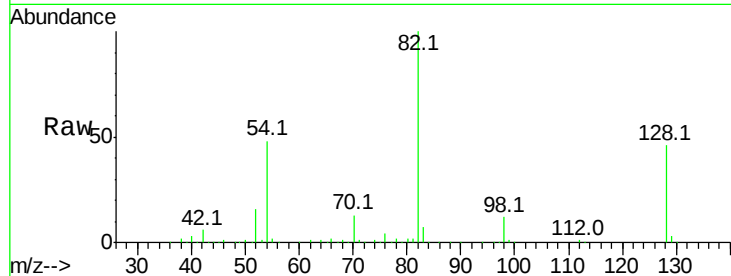
Tot Ion: 82 Resp: 547084

Ion Ratio Lower Upper

82 100

128 46.0 34.0 51.0

54 48.1 42.2 63.2



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.39 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF094771.D

Acq: 2 May 2017 1:52

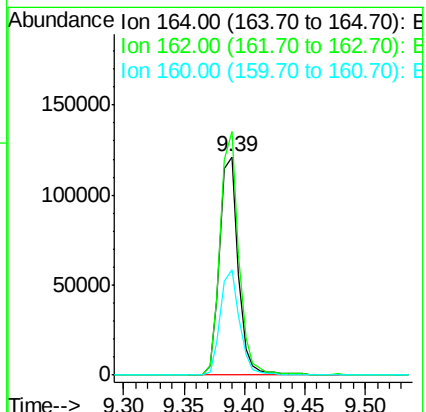
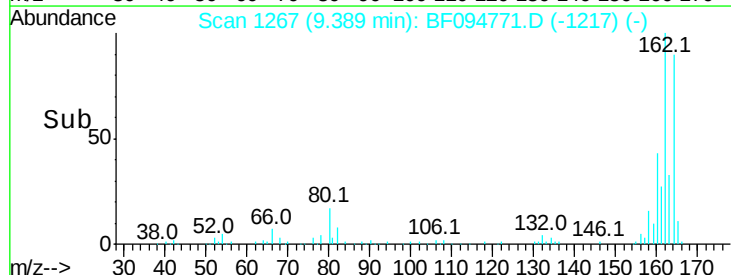
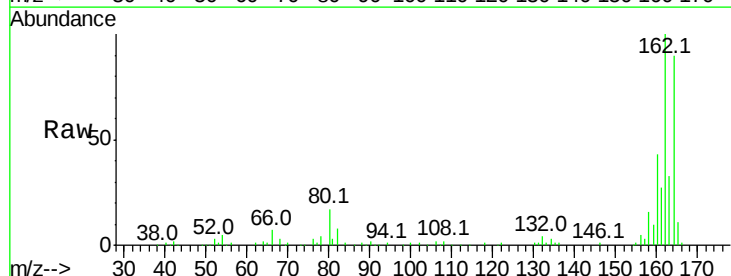
Tgt Ion:164 Resp: 130238

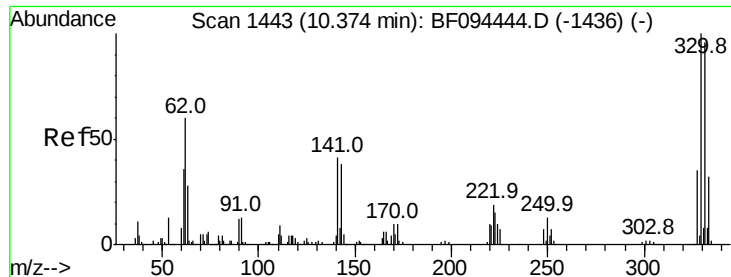
Ion Ratio Lower Upper

164 100

162 111.6 82.6 123.8

160 48.3 36.2 54.2

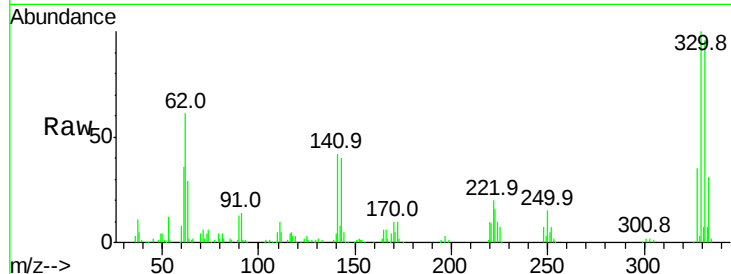




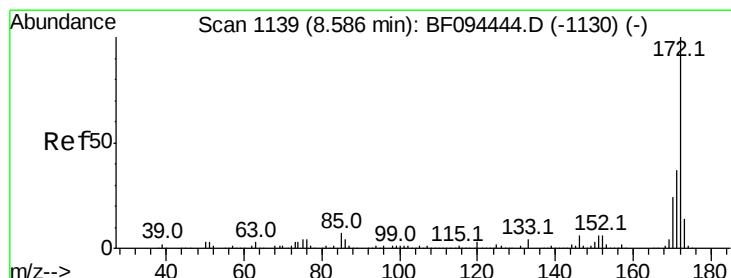
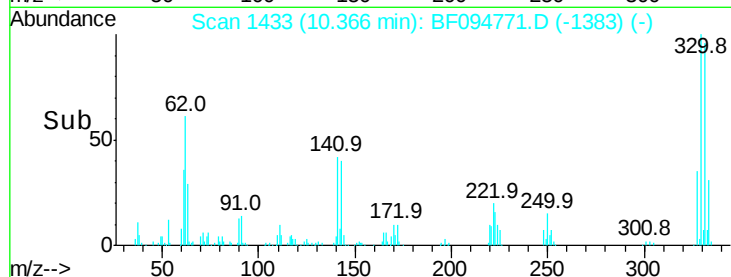
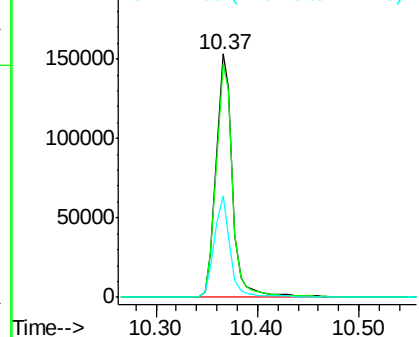
#41
 2,4,6-Tribromophenol
 Concen: 170.58 ng
 RT: 10.37 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF094771.D
 Acq: 2 May 2017 1:52

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210/72-11940/72-11932

Tot Ion:330 Resp: 173770
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 115.0
 141 40.3 31.4 47.2

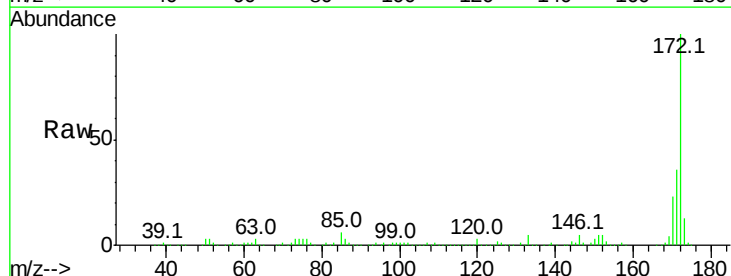


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

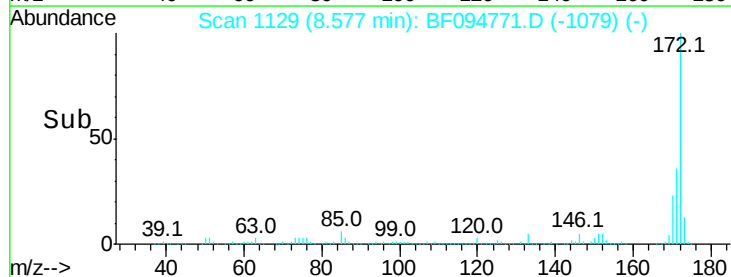
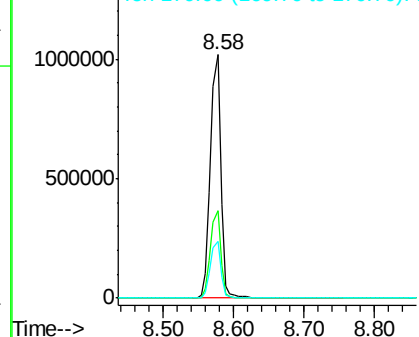


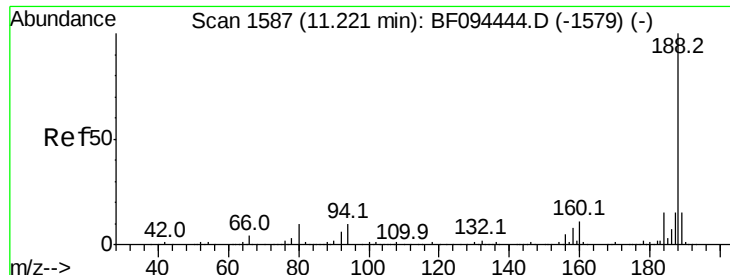
#44
 2-Fluorobiphenyl
 Concen: 119.25 ng
 RT: 8.58 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BF094771.D
 Acq: 2 May 2017 1:52

Tgt Ion:172 Resp: 1055543
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 23.3 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.21 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF094771.D

Acq: 2 May 2017 1:52

Instrument :

BNA_F

ClientSampleId :

VNJ-210/72-11940/72-11932

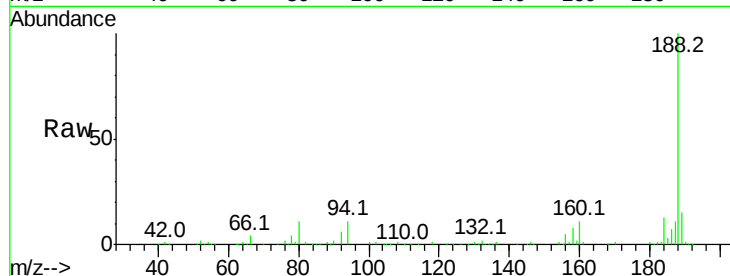
Tot Ion:188 Resp: 259759

Ion Ratio Lower Upper

188 100

94 11.4 9.4 14.2

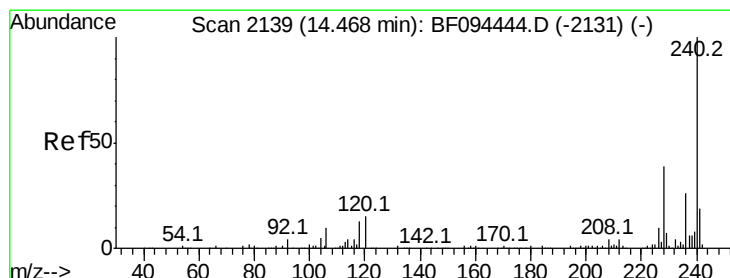
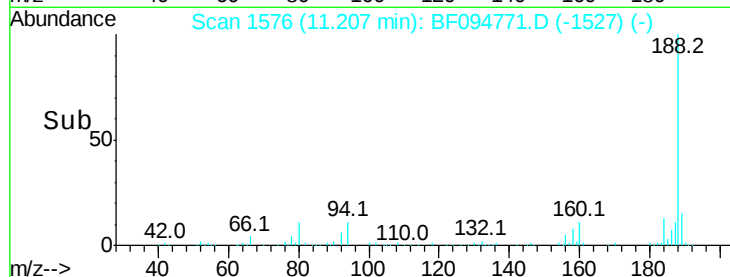
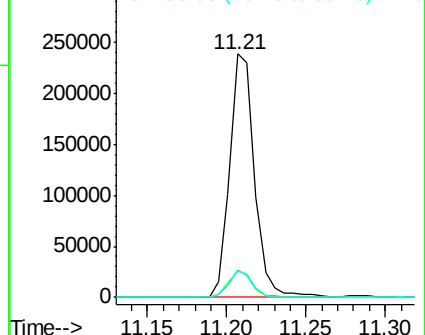
80 10.9 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.47 min Scan# 2130

Delta R.T. -0.00 min

Lab File: BF094771.D

Acq: 2 May 2017 1:52

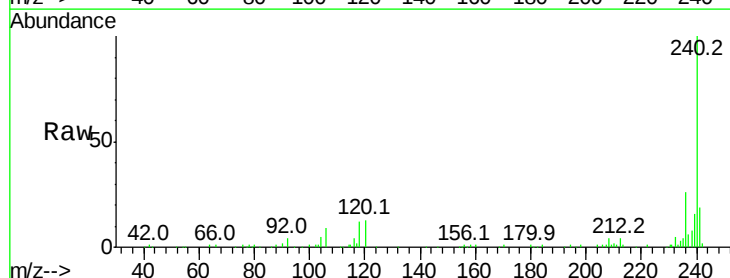
Tgt Ion:240 Resp: 160833

Ion Ratio Lower Upper

240 100

120 12.9 5.8 8.8#

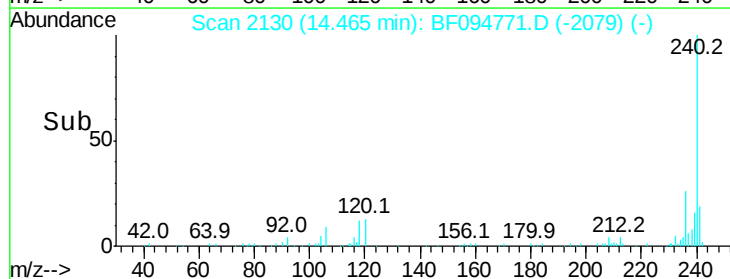
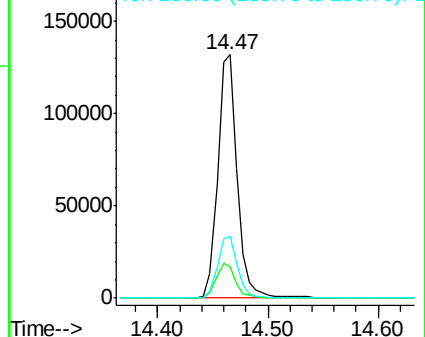
236 25.6 20.5 30.7

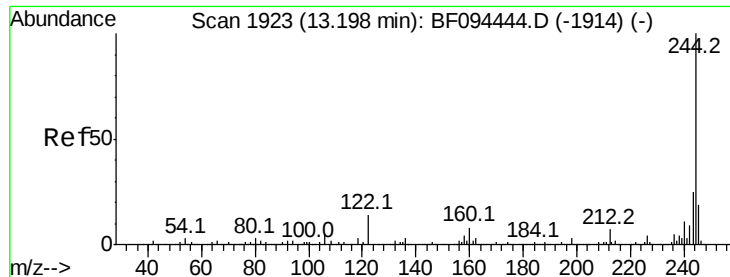


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 127.75 ng

RT: 13.19 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BF094771.D

Acq: 2 May 2017 1:52

Instrument :

BNA_F

ClientSampleId :

VNJ-210/72-11940/72-11932

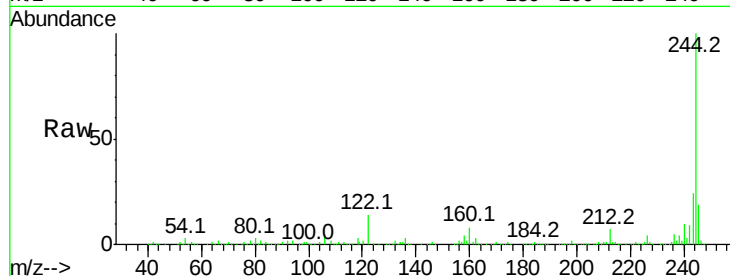
Tot Ion:244 Resp: 768681

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

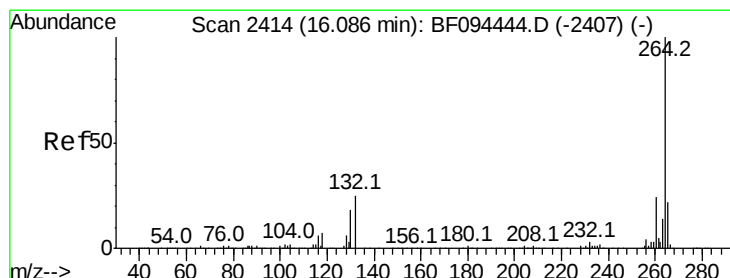
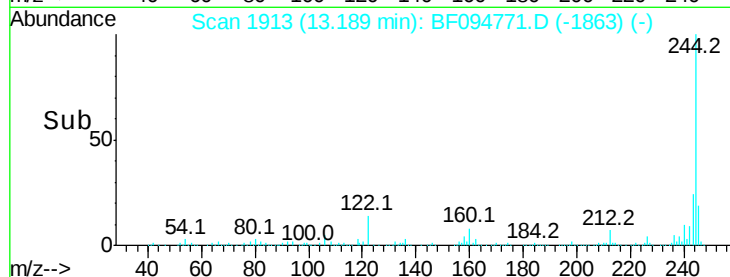
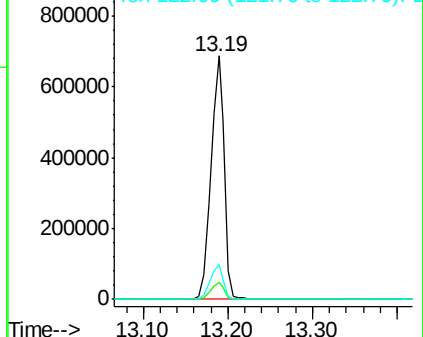
122 14.1 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.09 min Scan# 2407

Delta R.T. 0.01 min

Lab File: BF094771.D

Acq: 2 May 2017 1:52

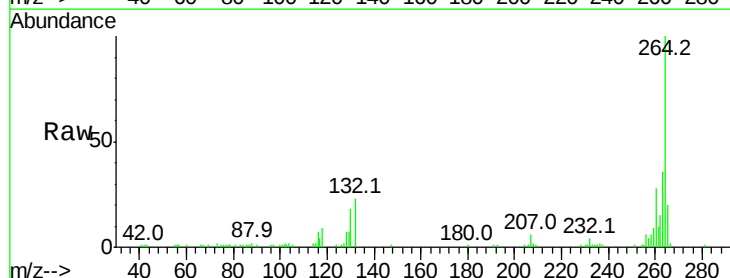
Tgt Ion:264 Resp: 71460

Ion Ratio Lower Upper

264 100

260 27.9 19.5 29.3

265 20.0 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

