

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
 Data File : BF094770.D
 Acq On : 2 May 2017 1:25
 Operator : SJ/MA
 Sample : I2920-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11930/72-11937/VNJ-239

Quant Time: May 02 05:12:05 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	5.77	152	102618	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	413526	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	175014	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	271788	20.00	ng	0.00
75) Chrysene-d12	14.47	240	182824	20.00	ng	0.00
86) Perylene-d12	16.09	264	135658	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.34	112	841730	136.09	ng	0.03
7) Phenol-d6	5.40	99	970457	133.09	ng	0.00
23) Nitrobenzene-d5	6.42	82	626924	93.61	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	203401	148.58	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1164125	97.87	ng	0.00
78) Terphenyl-d14	13.19	244	850618	124.36	ng	0.00

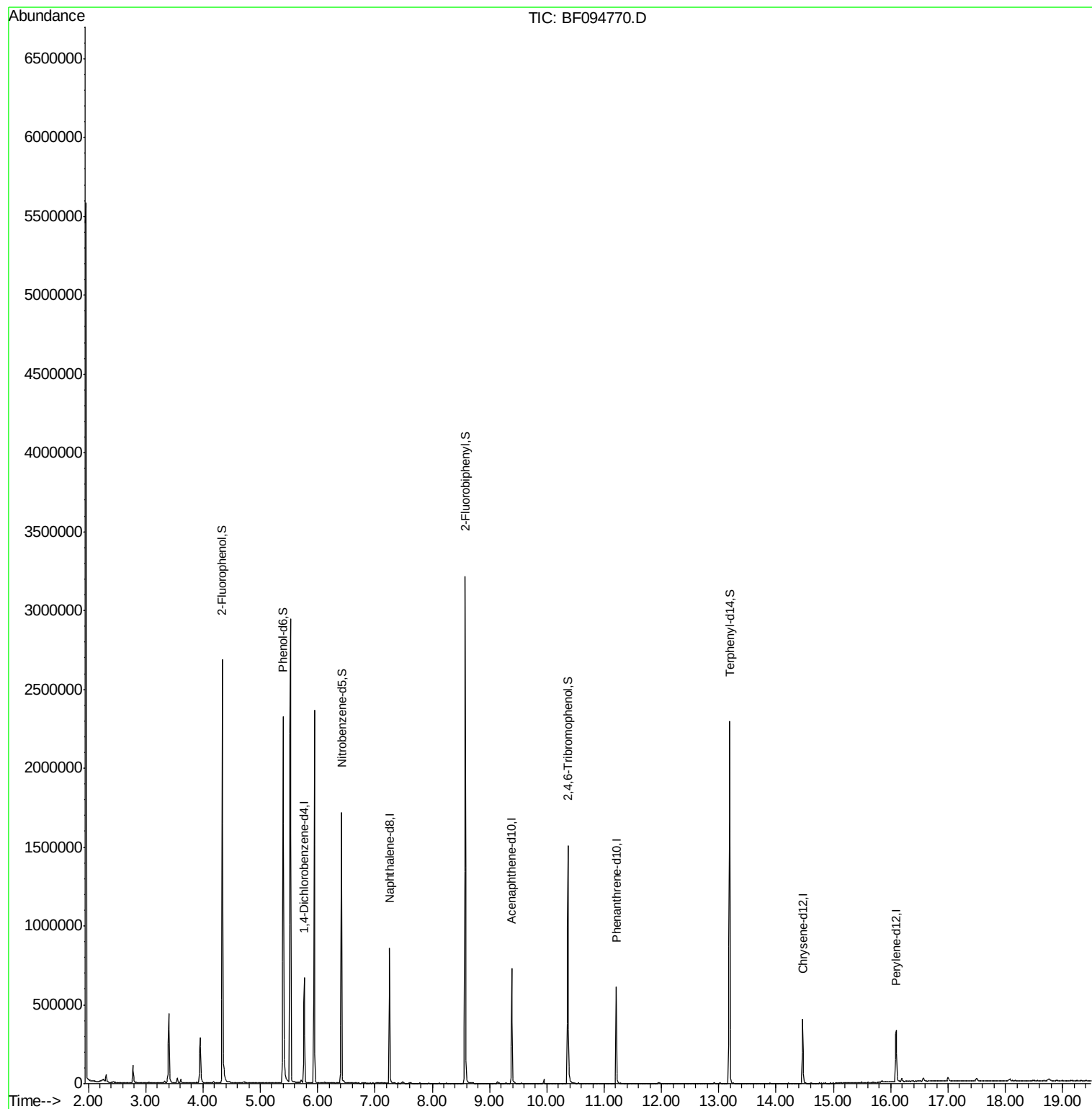
Target Compounds Qvalue

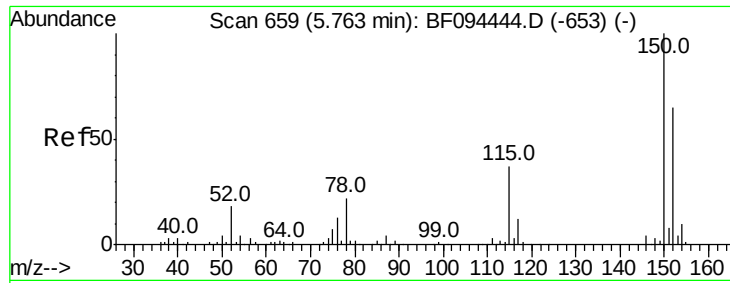
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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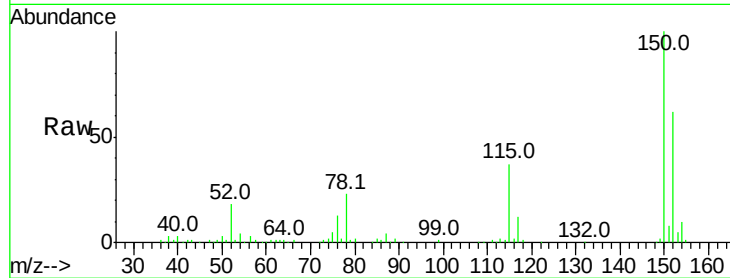


#1

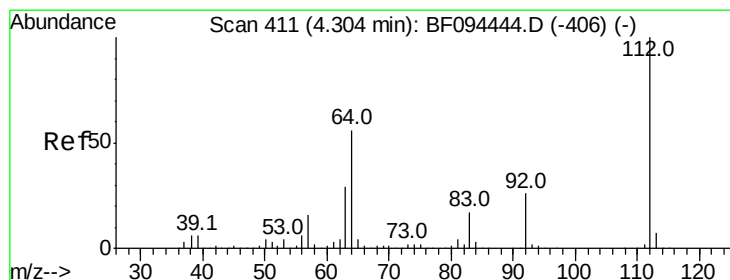
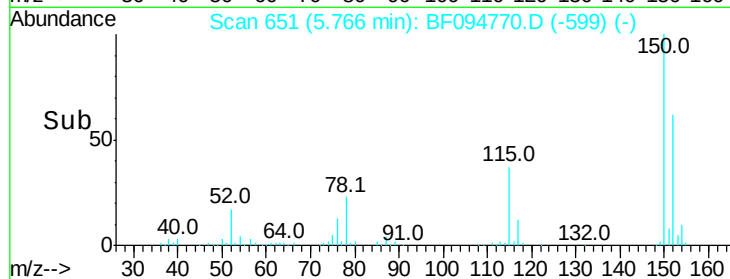
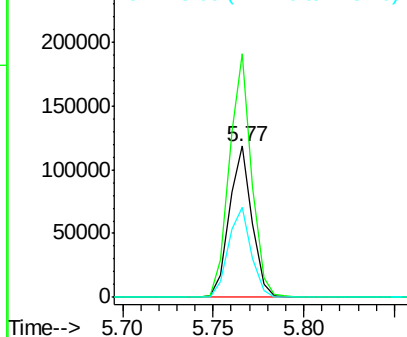
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094770.D
Acq: 2 May 2017 1:25

Instrument :
BNA_F
ClientSampleId :
72-11930/72-11937/VNJ-239

Tot Ion:152 Resp: 102618
Ion Ratio Lower Upper
152 100
150 161.4 126.2 189.2
115 59.9 52.2 78.2



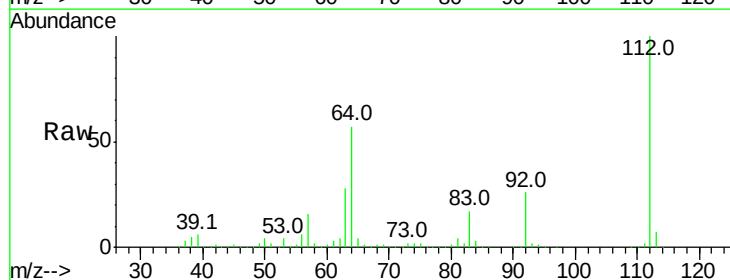
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



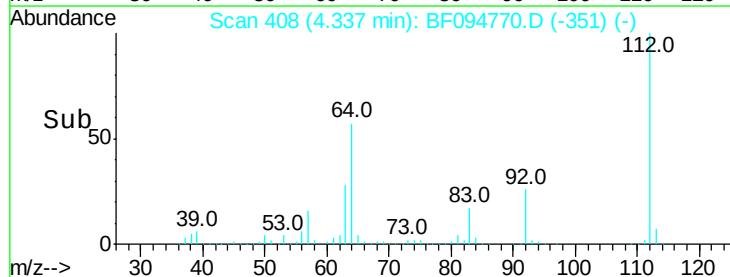
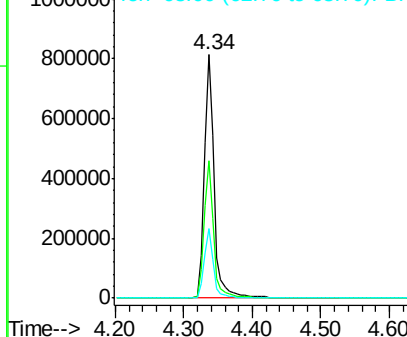
#5

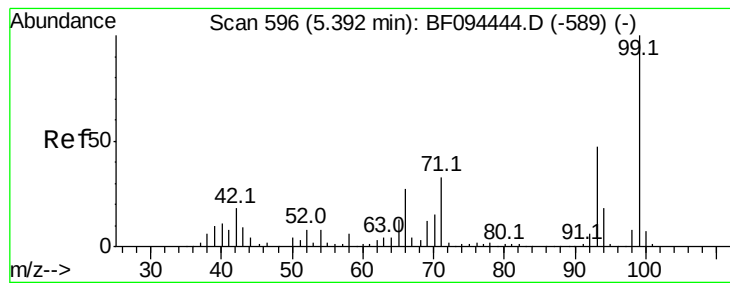
2-Fluorophenol
Concen: 136.09 ng
RT: 4.34 min Scan# 408
Delta R.T. 0.03 min
Lab File: BF094770.D
Acq: 2 May 2017 1:25

Tgt Ion:112 Resp: 841730
Ion Ratio Lower Upper
112 100
64 56.7 46.0 69.0
63 28.3 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: 133.09 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094770.D

Acq: 2 May 2017 1:25

Instrument :

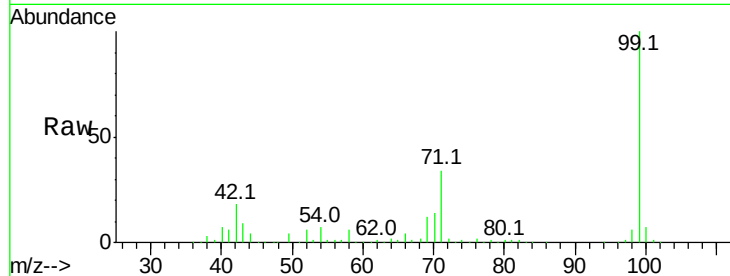
BNA_F

ClientSampleId :

72-11930/72-11937/VNJ-239

Tot Ion: 99 Resp: 970457

Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.5	20.3
71	33.8	24.5	36.7

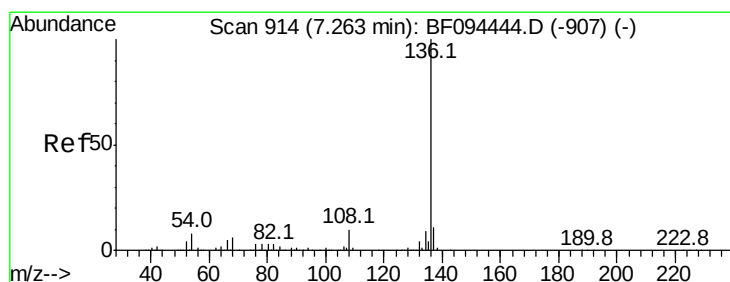
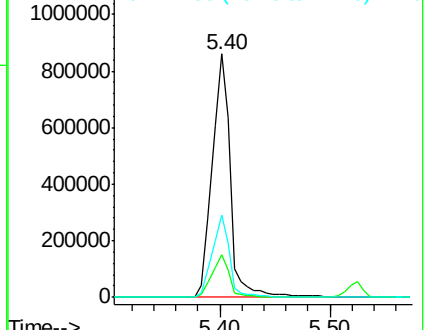
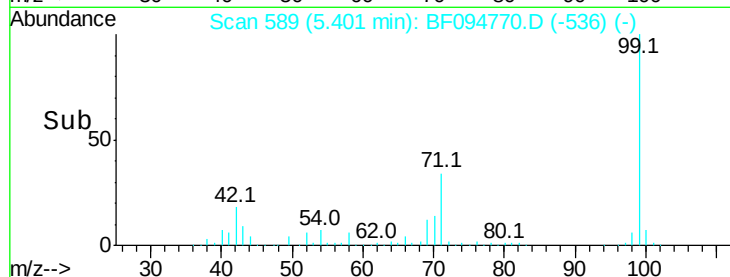


Abundance

Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.25 min Scan# 904

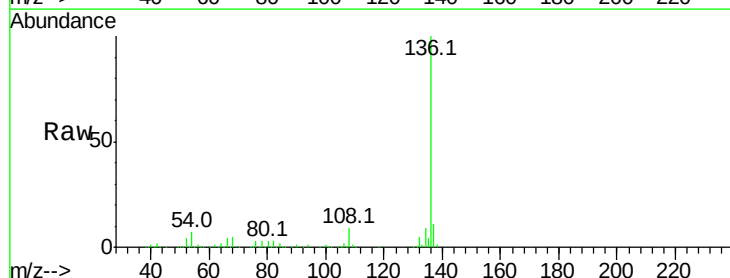
Delta R.T. -0.01 min

Lab File: BF094770.D

Acq: 2 May 2017 1:25

Tgt Ion: 136 Resp: 413526

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	6.8	4.9	7.3
68	5.0	4.1	6.1



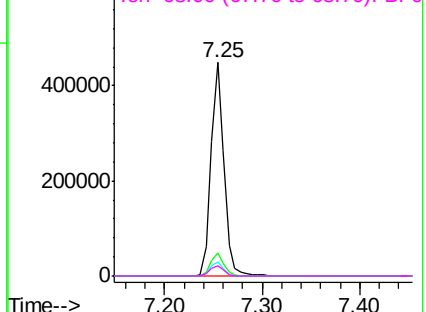
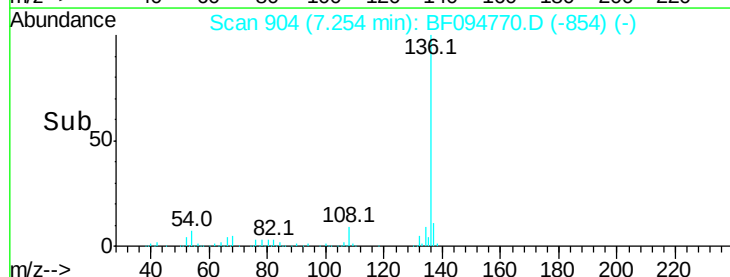
Abundance

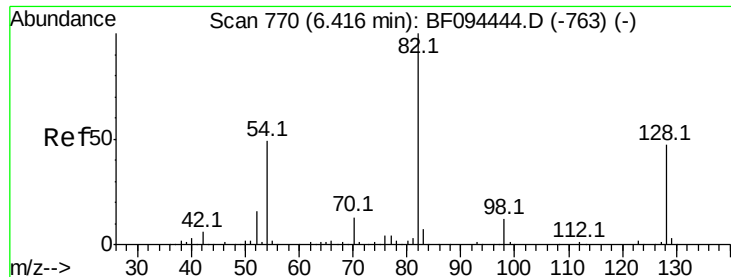
Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

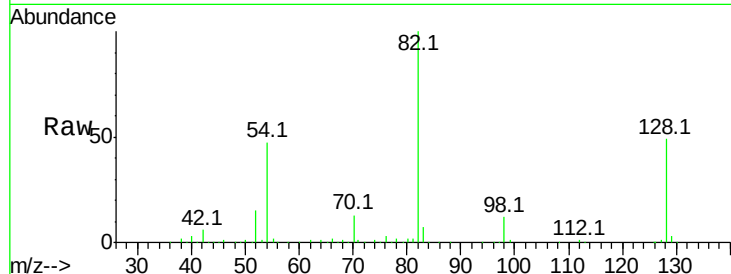




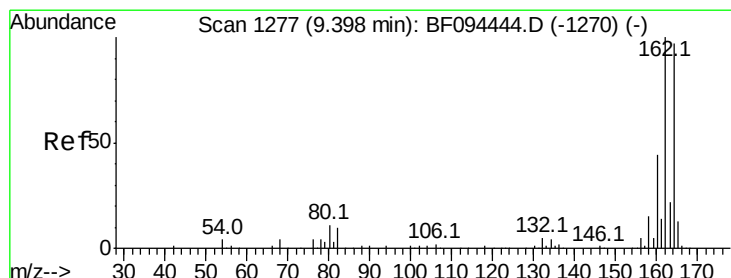
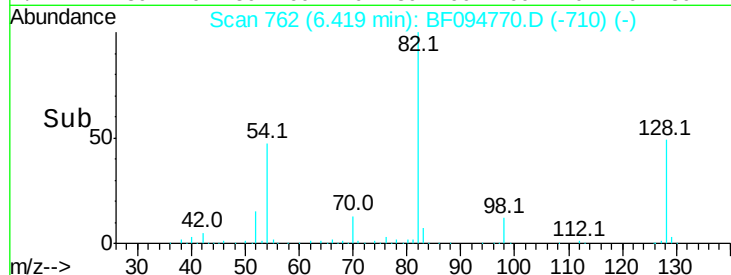
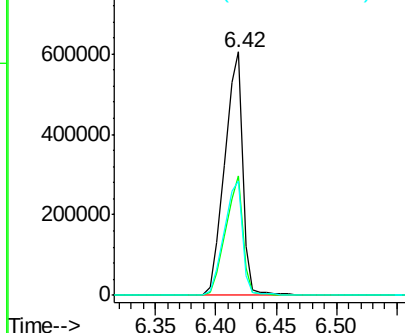
#23
 Nitrobenzene-d5
 Concen: 93.61 ng
 RT: 6.42 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF094770.D
 Acq: 2 May 2017 1:25

Instrument :
 BNA_F
 ClientSampleId :
 72-11930/72-11937/VNJ-239

Tot Ion	82	Resp	626924
Ion Ratio	100	Lower	Upper
128	49.2	34.0	51.0
54	47.2	42.2	63.2

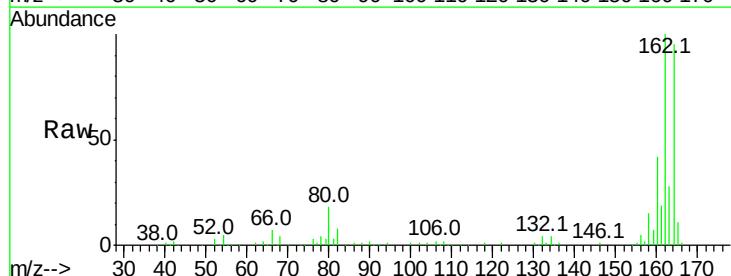


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

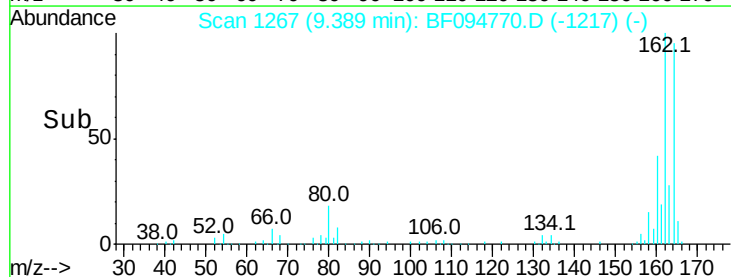
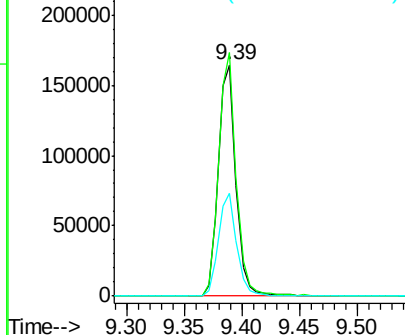


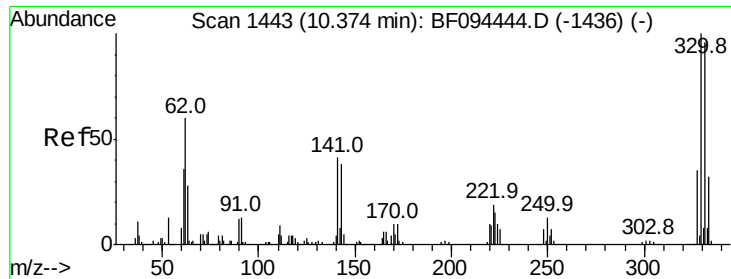
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF094770.D
 Acq: 2 May 2017 1:25

Tgt Ion	164	Resp	175014
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	105.2	82.6	123.8
160	44.3	36.2	54.2



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

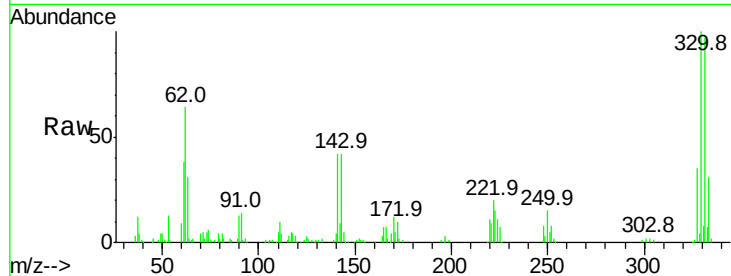




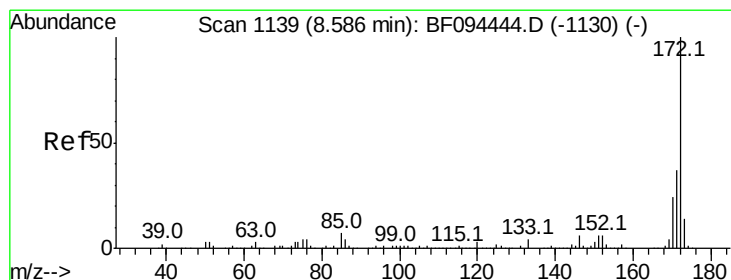
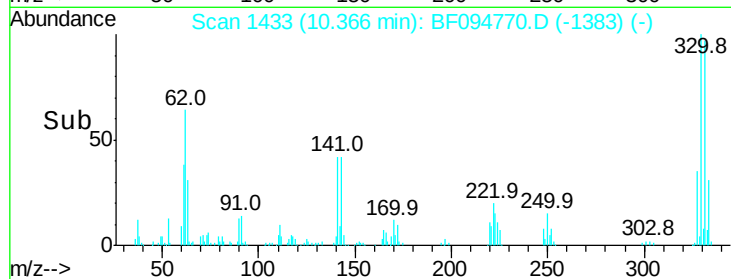
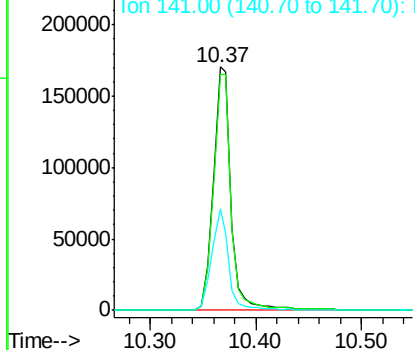
#41
 2,4,6-Tribromophenol
 Concen: 148.58 ng
 RT: 10.37 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF094770.D
 Acq: 2 May 2017 1:25

Instrument :
 BNA_F
 ClientSampleId :
 72-11930/72-11937/VNJ-239

Tot Ion:330 Resp: 203401
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.6 115.0
 141 39.8 31.4 47.2

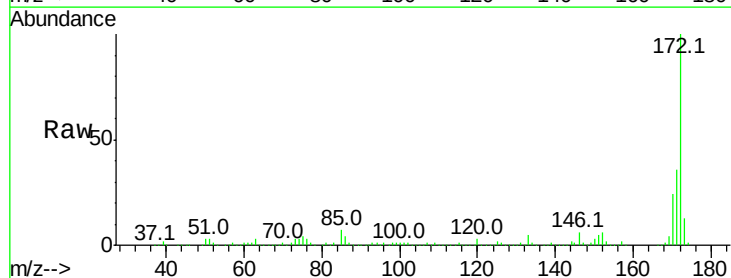


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

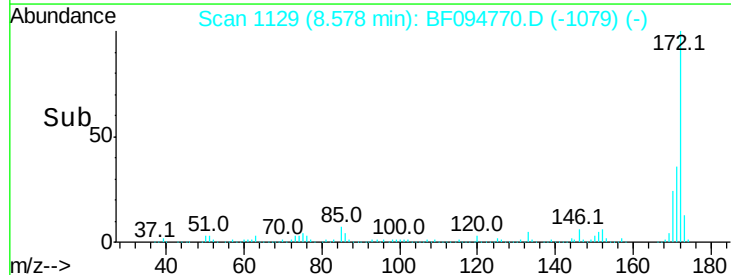
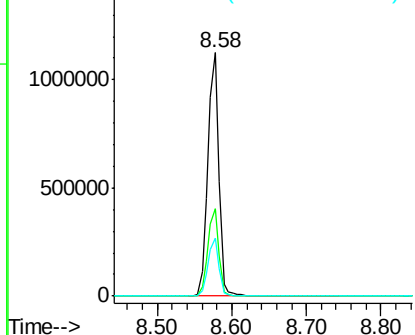


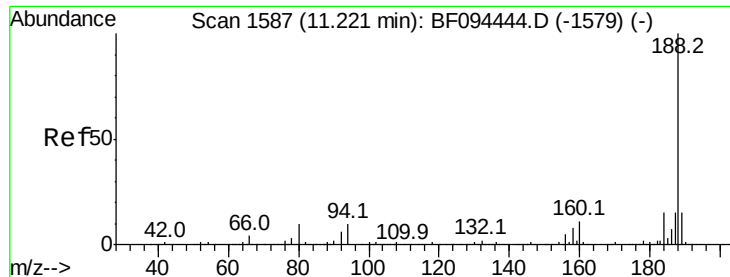
#44
 2-Fluorobiphenyl
 Concen: 97.87 ng
 RT: 8.58 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BF094770.D
 Acq: 2 May 2017 1:25

Tgt Ion:172 Resp: 1164125
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 24.0 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# 1577

Delta R.T. -0.01 min

Lab File: BF094770.D

Acq: 2 May 2017 1:25

Instrument :

BNA_F

ClientSampleId :

72-11930/72-11937/VNJ-239

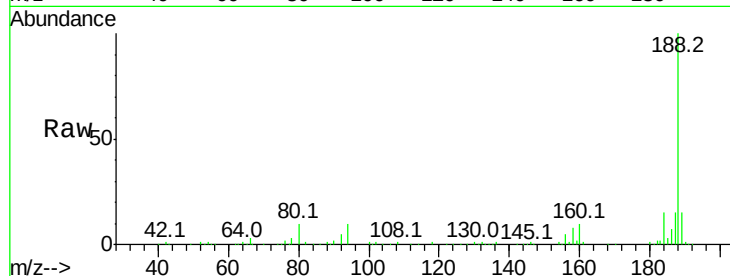
Tot Ion:188 Resp: 271788

Ion Ratio Lower Upper

188 100

94 9.8 9.4 14.2

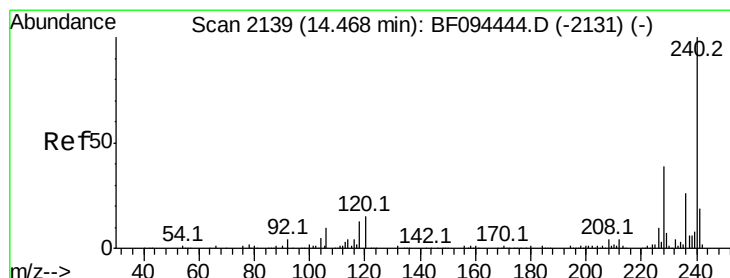
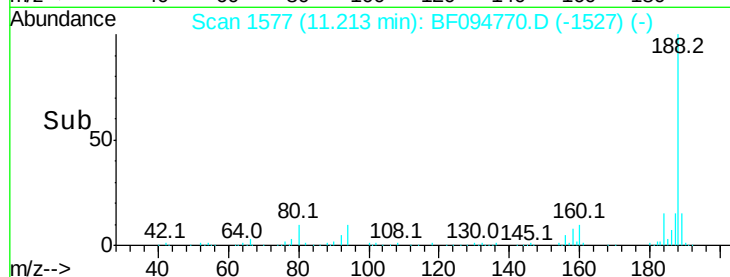
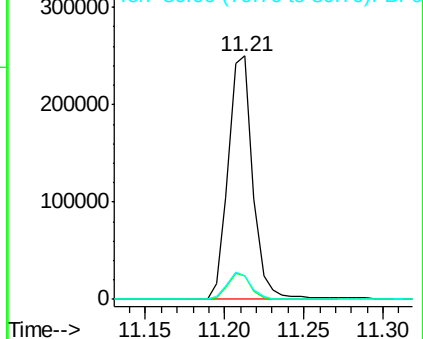
80 9.9 10.2 15.2#



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: BF094770.D

Acq: 2 May 2017 1:25

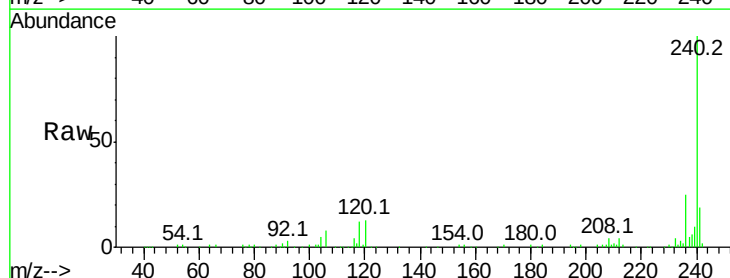
Tgt Ion:240 Resp: 182824

Ion Ratio Lower Upper

240 100

120 12.7 5.8 8.8#

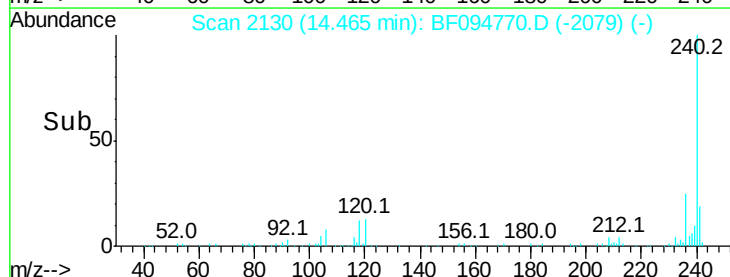
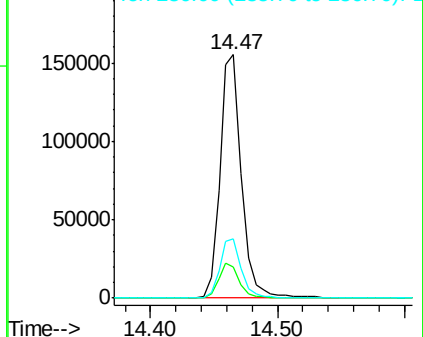
236 24.6 20.5 30.7

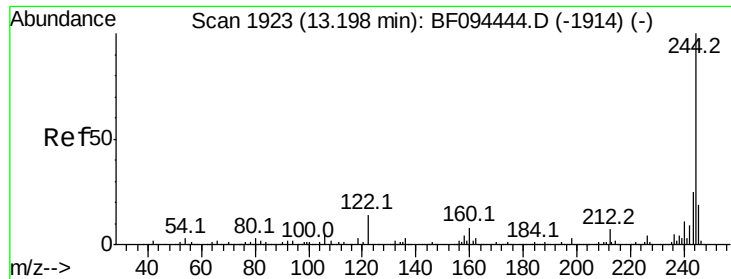


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 124.36 ng

RT: 13.19 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BF094770.D

Acq: 2 May 2017 1:25

Instrument :

BNA_F

ClientSampleId :

72-11930/72-11937/VNJ-239

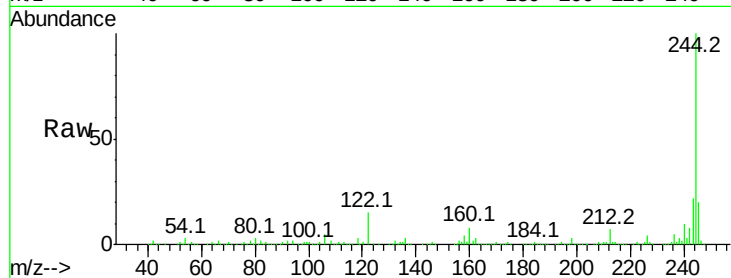
Tot Ion:244 Resp: 850618

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

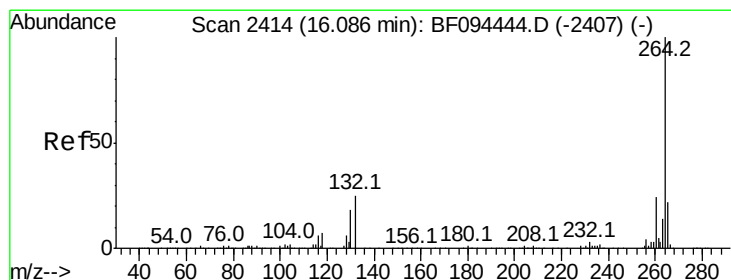
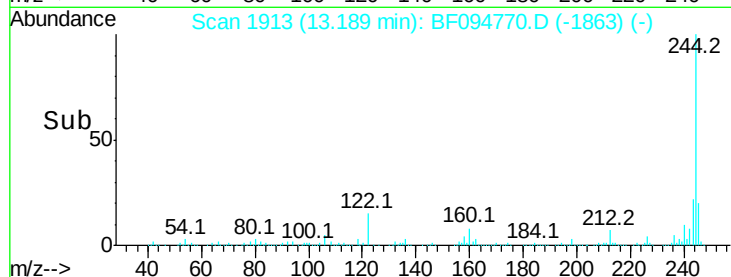
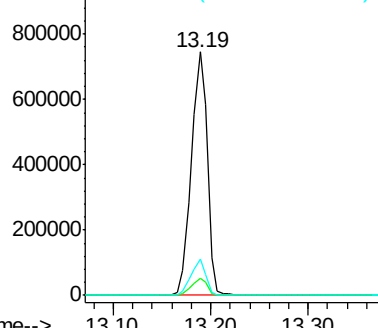
122 14.6 10.3 15.5



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: BF094770.D

Acq: 2 May 2017 1:25

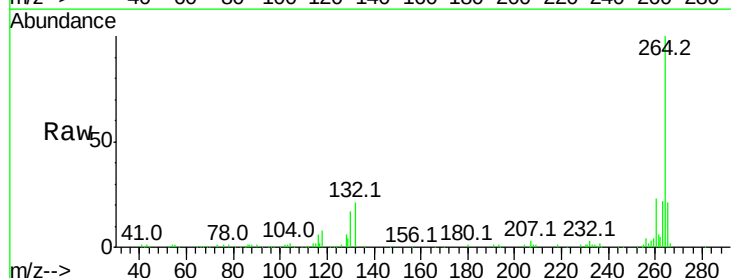
Tgt Ion:264 Resp: 135658

Ion Ratio Lower Upper

264 100

260 23.0 19.5 29.3

265 20.5 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

