

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031317\
 Data File : BF093660.D
 Acq On : 14 Mar 2017 15:54
 Operator : SJ/MA
 Sample : I2174-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-64

Quant Time: Mar 15 05:19:00 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	159680	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	616038	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	240727	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	546139	20.00	ng	0.00
75) Chrysene-d12	13.89	240	321408	20.00	ng	0.00
86) Perylene-d12	15.32	264	34563	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1311822	136.73	ng	0.00
7) Phenol-d6	6.37	99	1626882	134.47	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1131647	101.92	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	303064	193.23	ng	0.01
44) 2-Fluorobiphenyl	9.08	172	1601777	123.77	ng	-0.01
78) Terphenyl-d14	12.84	244	1338972	108.31	ng	0.01

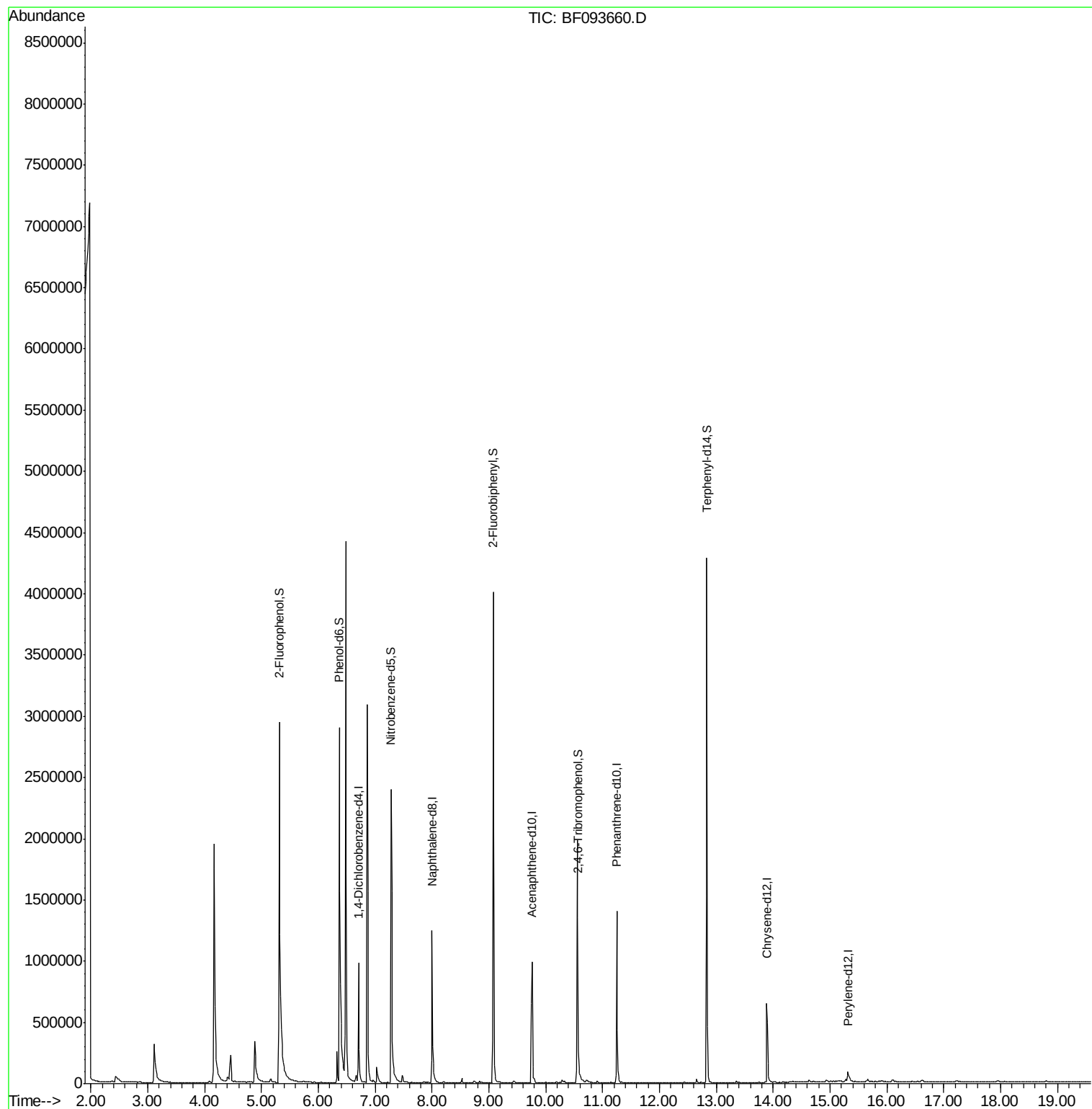
Target Compounds Qvalue

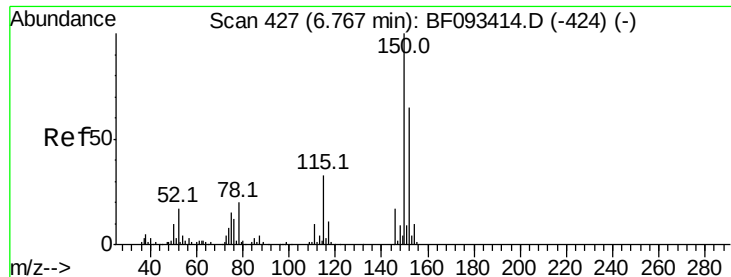
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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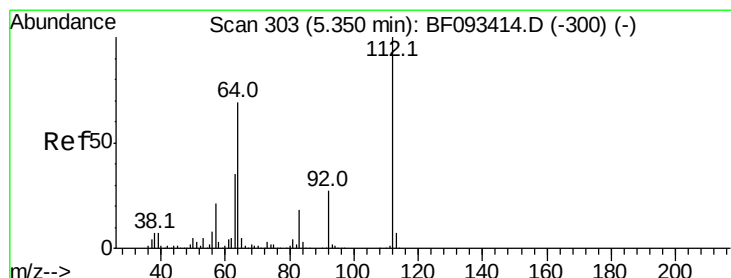
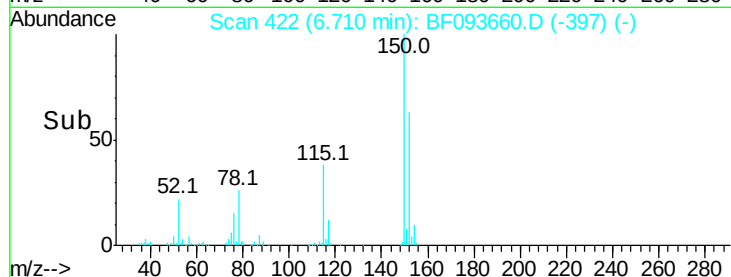
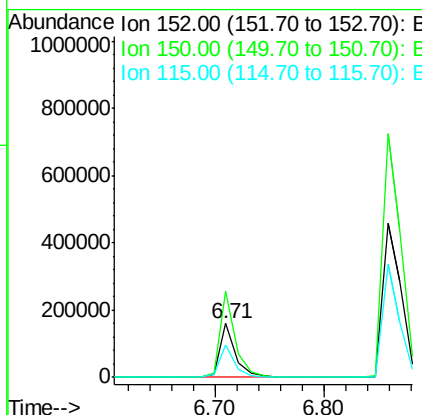
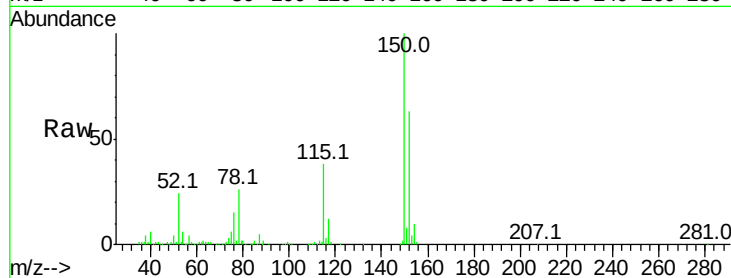


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF093660.D
Acq: 14 Mar 2017 15:54

Instrument :
BNA_F
ClientSampleId :
D-64

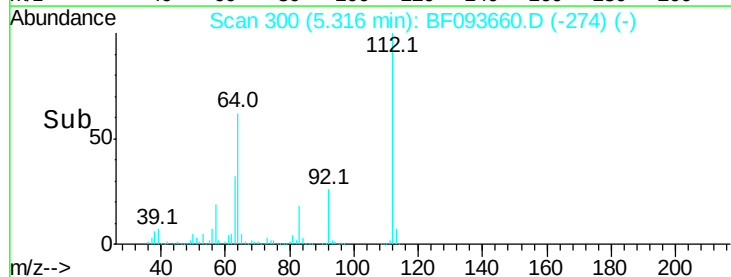
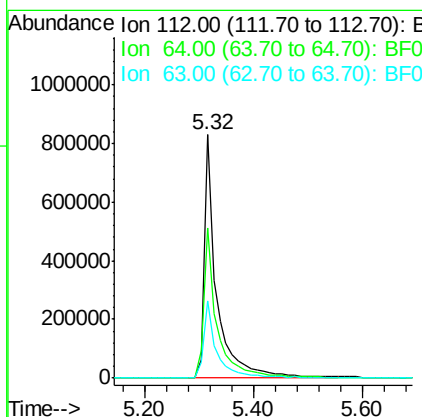
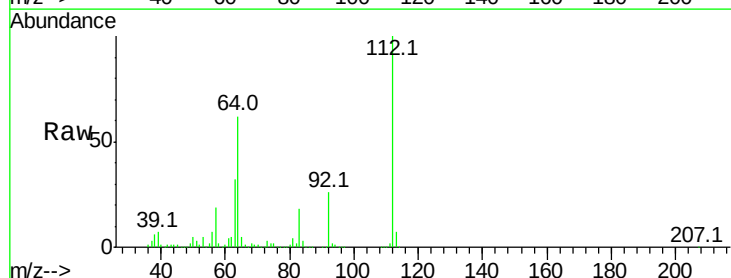
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	124.9	187.3
115	60.2	46.0	69.0

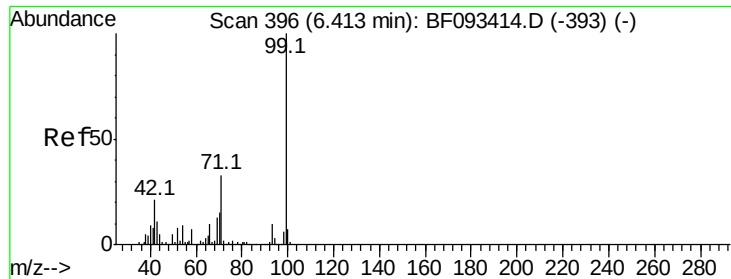


#5

2-Fluorophenol
Concen: 136.73 ng
RT: 5.32 min Scan# 300
Delta R.T. -0.00 min
Lab File: BF093660.D
Acq: 14 Mar 2017 15:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.6	46.1	69.1
63	31.8	23.8	35.6





#7

Phenol-d6

Concen: 134.47 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093660.D

Acq: 14 Mar 2017 15:54

Instrument :

BNA_F

ClientSampleId :

D-64

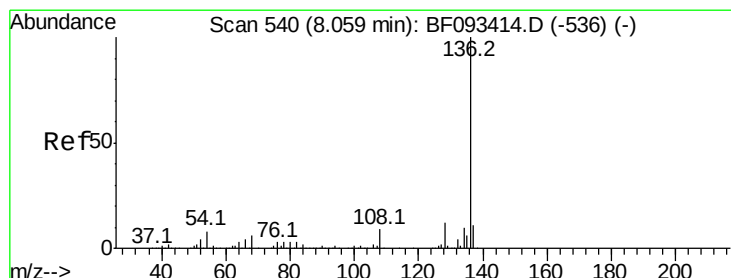
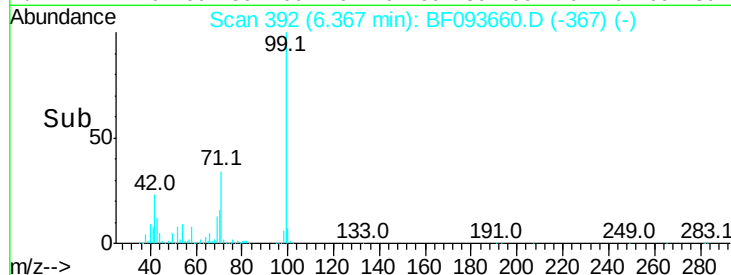
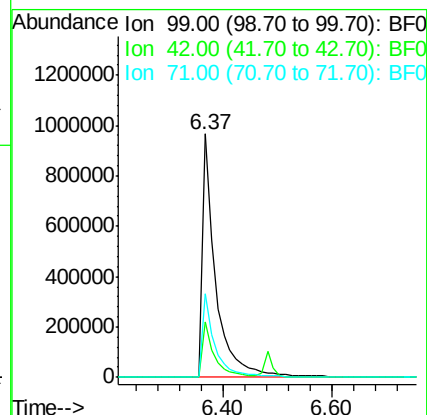
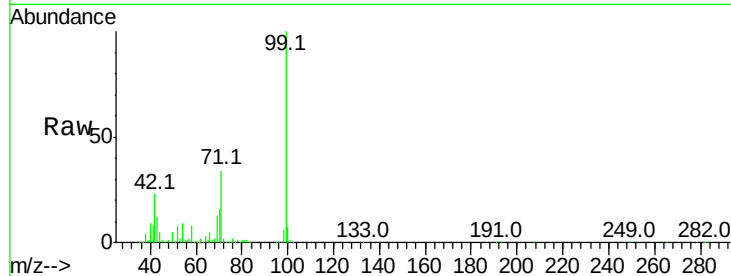
Tot Ion: 99 Resp: 1626882

Ion Ratio Lower Upper

99 100

42 22.8 15.6 23.4

71 34.5 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF093660.D

Acq: 14 Mar 2017 15:54

Tgt Ion: 136 Resp: 616038

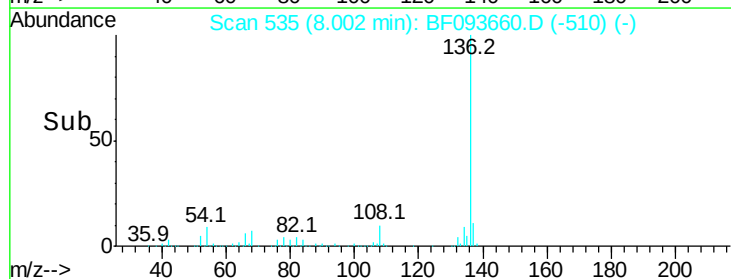
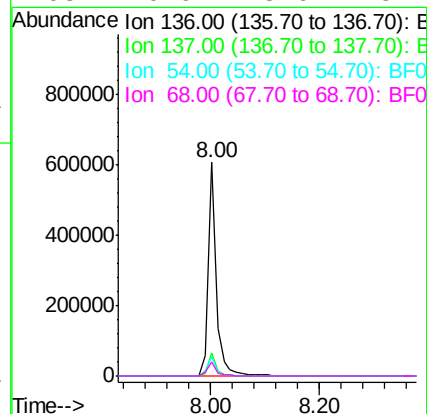
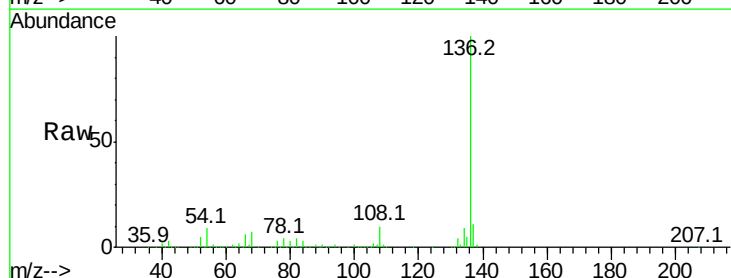
Ion Ratio Lower Upper

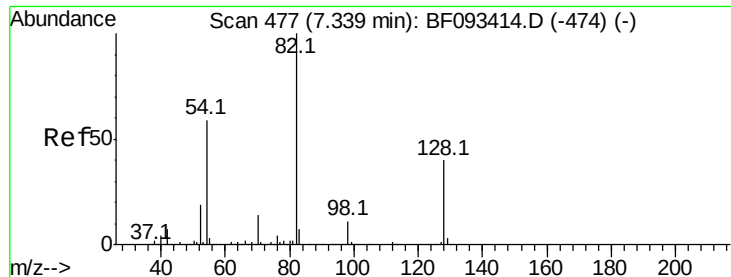
136 100

137 11.1 8.4 12.6

54 9.0 4.5 6.7#

68 6.9 3.6 5.4#

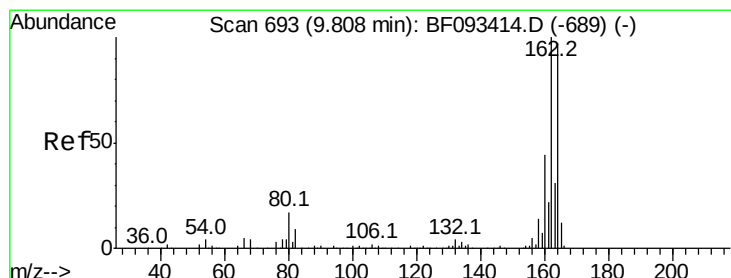
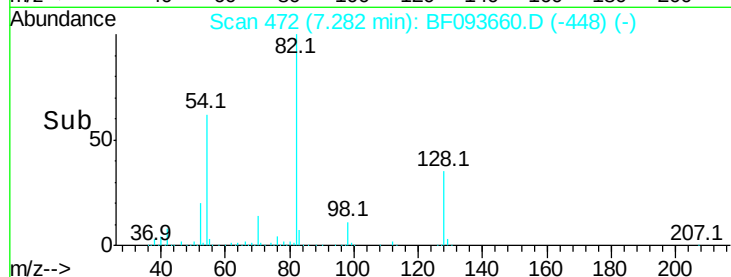
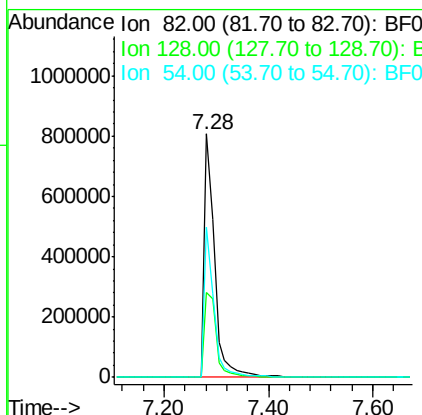
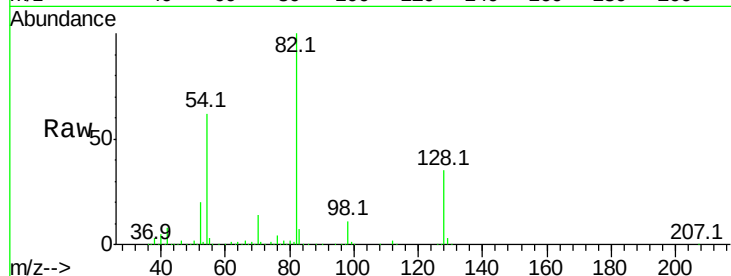




#23
 Nitrobenzene-d5
 Concen: 101.92 ng
 RT: 7.28 min Scan# 472
 Delta R.T. -0.02 min
 Lab File: BF093660.D
 Acq: 14 Mar 2017 15:54

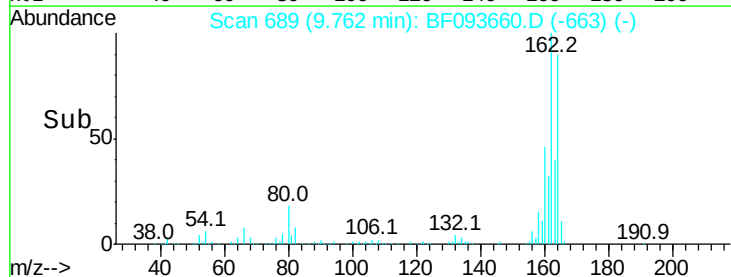
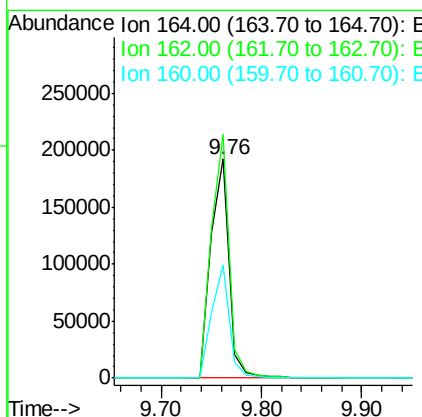
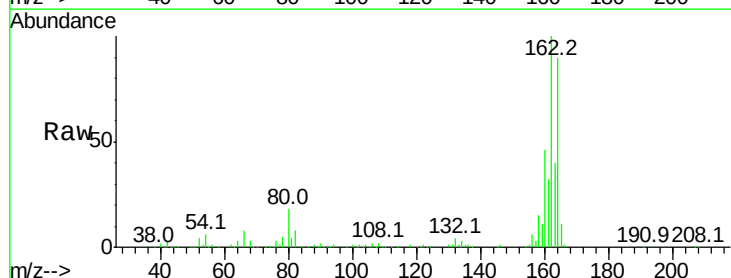
Instrument :
 BNA_F
 ClientSampleId :
 D-64

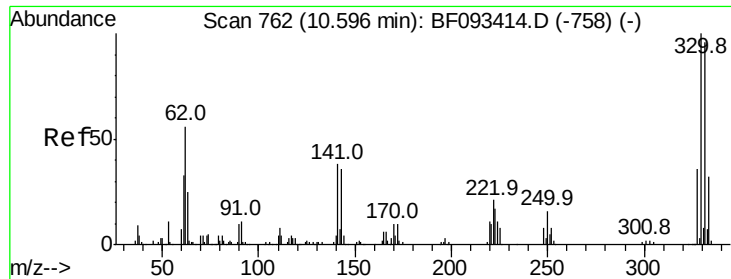
Tot Ion: 82 Resp: 1131647
 Ion Ratio Lower Upper
 82 100
 128 35.0 34.6 52.0
 54 61.6 39.5 59.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: BF093660.D
 Acq: 14 Mar 2017 15:54

Tgt Ion:164 Resp: 240727
 Ion Ratio Lower Upper
 164 100
 162 111.2 80.2 120.2
 160 51.7 36.9 55.3

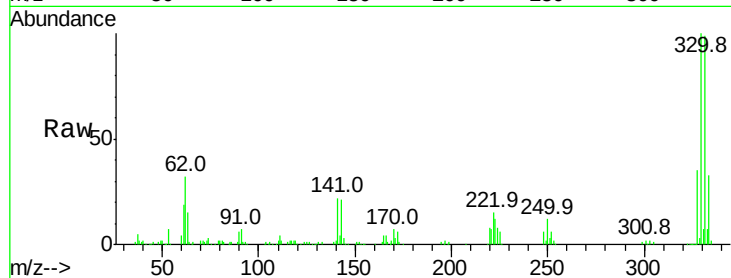




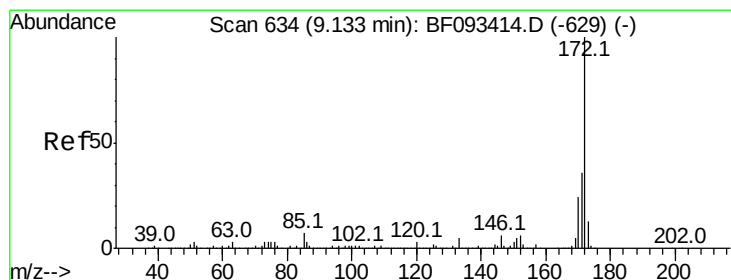
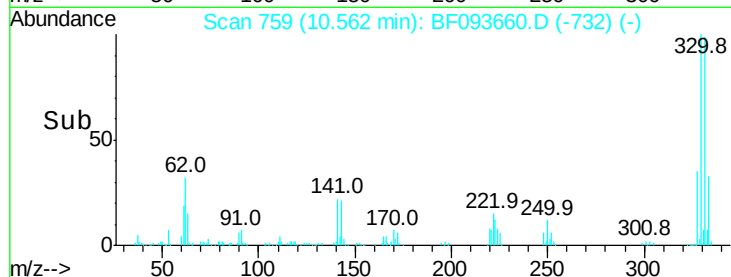
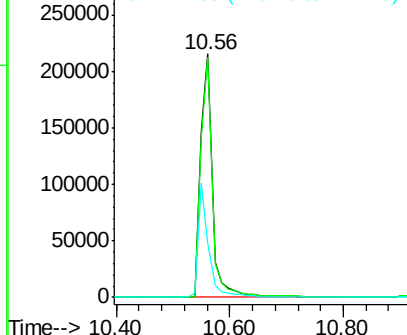
#41
 2,4,6-Tribromophenol
 Concen: 193.23 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093660.D
 Acq: 14 Mar 2017 15:54

Instrument :
 BNA_F
 ClientSampleID :
 D-64

Tot Ion:330 Resp: 303064
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.4 116.2
 141 42.2 34.1 51.1

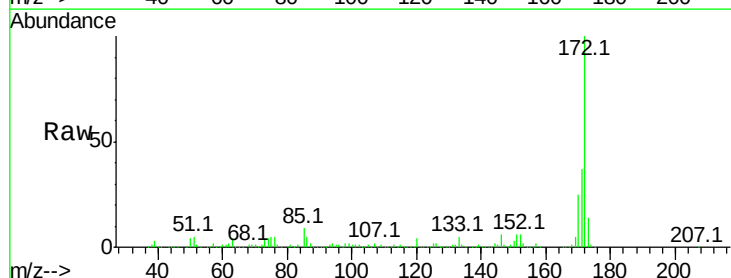


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

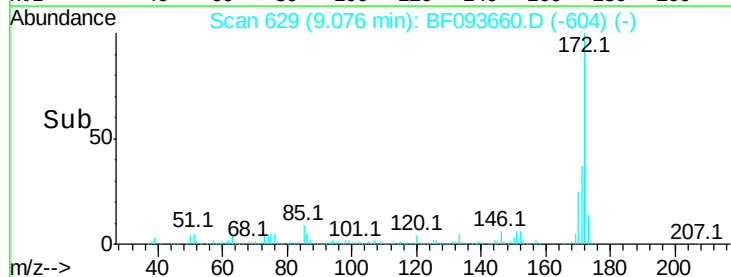
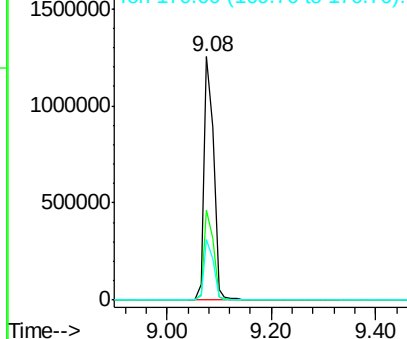


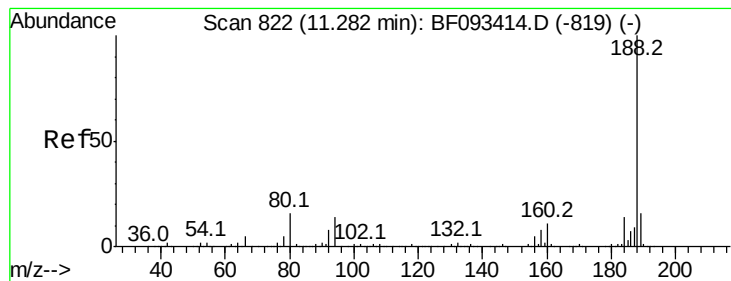
#44
 2-Fluorobiphenyl
 Concen: 123.77 ng
 RT: 9.08 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF093660.D
 Acq: 14 Mar 2017 15:54

Tgt Ion:172 Resp: 1601777
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.4 44.0
 170 24.9 20.2 30.4



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: 11.25 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF093660.D

Acq: 14 Mar 2017 15:54

Instrument :

BNA_F

ClientSampleId :

D-64

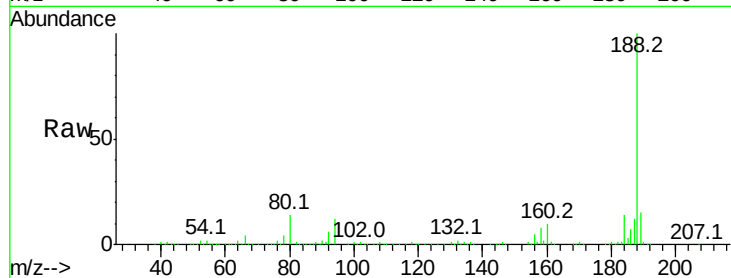
Tot Ion:188 Resp: 546139

Ion Ratio Lower Upper

188 100

94 12.1 10.0 15.0

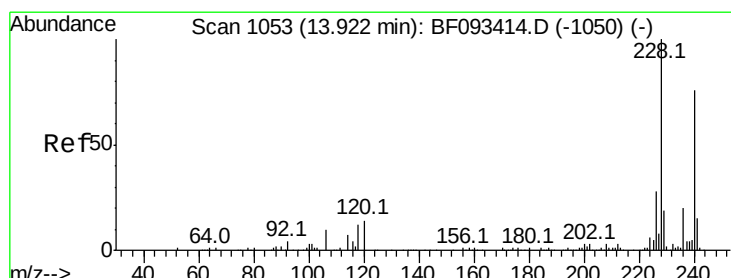
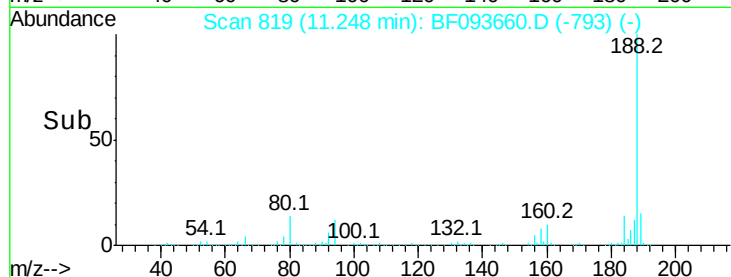
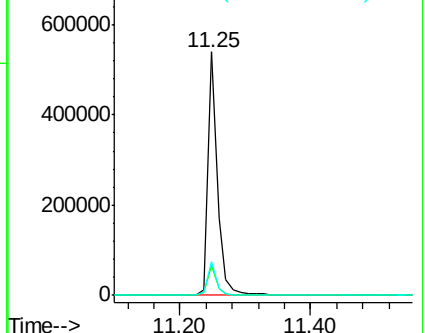
80 13.6 11.2 16.8



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: 13.89 min Scan# 1050

Delta R.T. -0.00 min

Lab File: BF093660.D

Acq: 14 Mar 2017 15:54

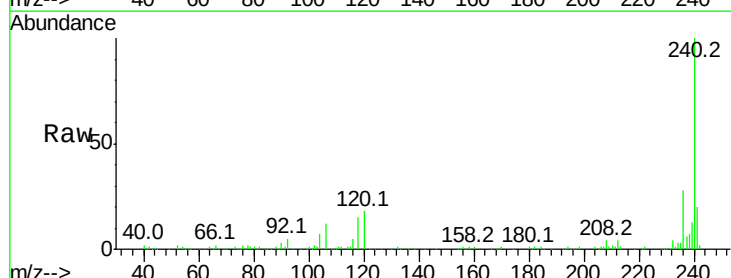
Tgt Ion:240 Resp: 321408

Ion Ratio Lower Upper

240 100

120 17.7 12.9 19.3

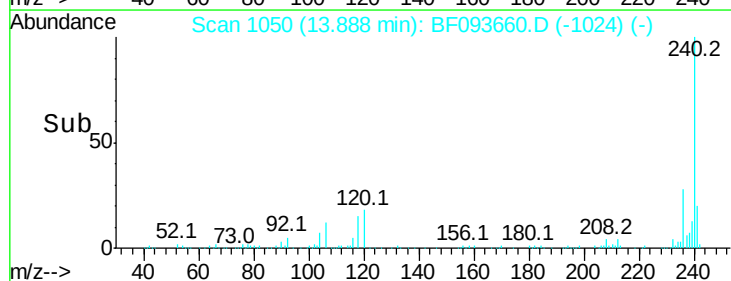
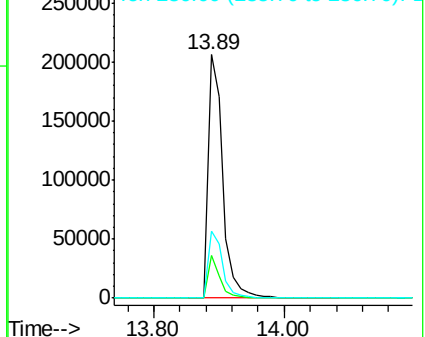
236 27.6 20.9 31.3

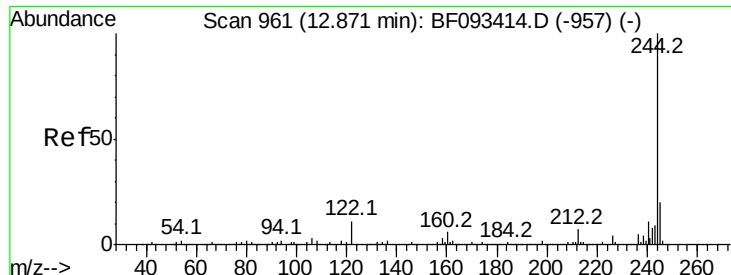


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 108.31 ng

RT: 12.84 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF093660.D

Acq: 14 Mar 2017 15:54

Instrument :

BNA_F

ClientSampleId :

D-64

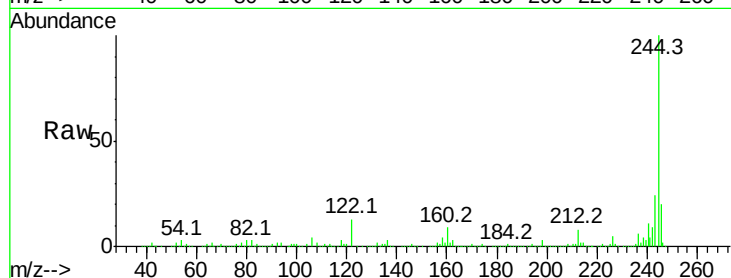
Tot Ion:244 Resp: 1338972

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

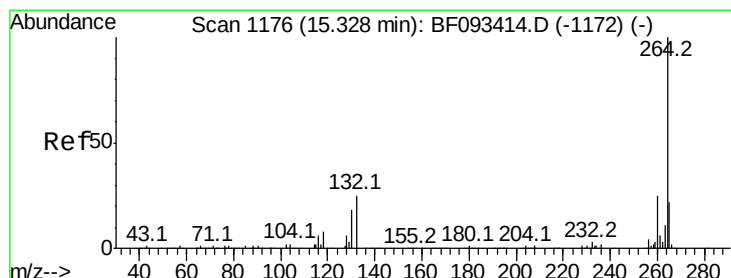
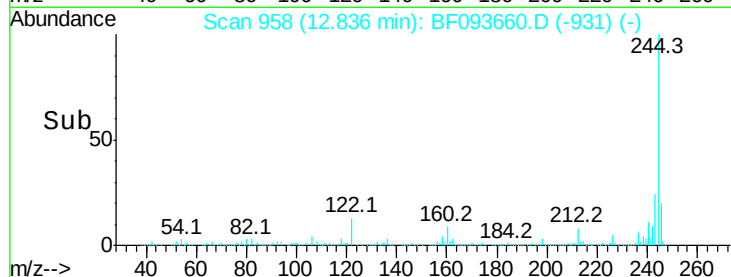
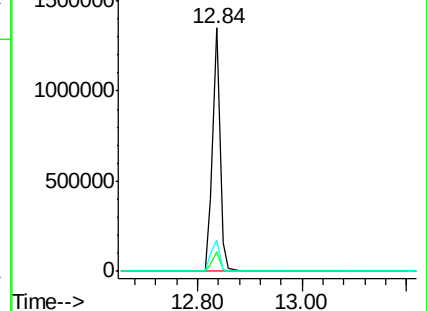
122 12.5 11.4 17.2



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: 15.32 min Scan# 1175

Delta R.T. 0.03 min

Lab File: BF093660.D

Acq: 14 Mar 2017 15:54

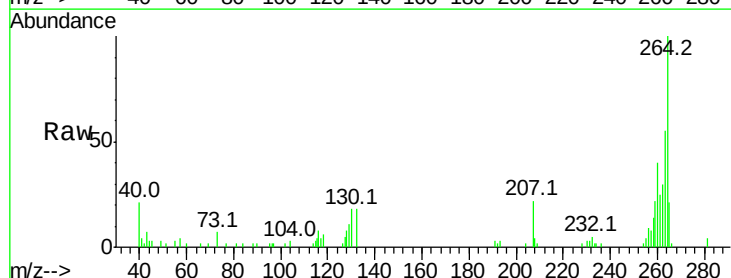
Tgt Ion:264 Resp: 34563

Ion Ratio Lower Upper

264 100

260 39.8 19.2 28.8#

265 21.4 17.4 26.0



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

