

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031017\
 Data File : BF093560.D
 Acq On : 11 Mar 2017 9:01
 Operator : SJ/MA
 Sample : I2211-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-COMP-0-12FT

Quant Time: Mar 13 14:21:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	164929	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	674835	20.00	ng	-0.03
38) Acenaphthene-d10	9.77	164	316832	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	596756	20.00	ng	-0.02
75) Chrysene-d12	13.90	240	428355	20.00	ng	-0.02
86) Perylene-d12	15.31	264	294649	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1042577	105.21	ng	0.00
7) Phenol-d6	6.40	99	1288208	103.09	ng	-0.01
23) Nitrobenzene-d5	7.32	82	867996	71.37	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	222253	107.67	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	1228133	72.10	ng	-0.03
78) Terphenyl-d14	12.85	244	1229911	74.65	ng	-0.02

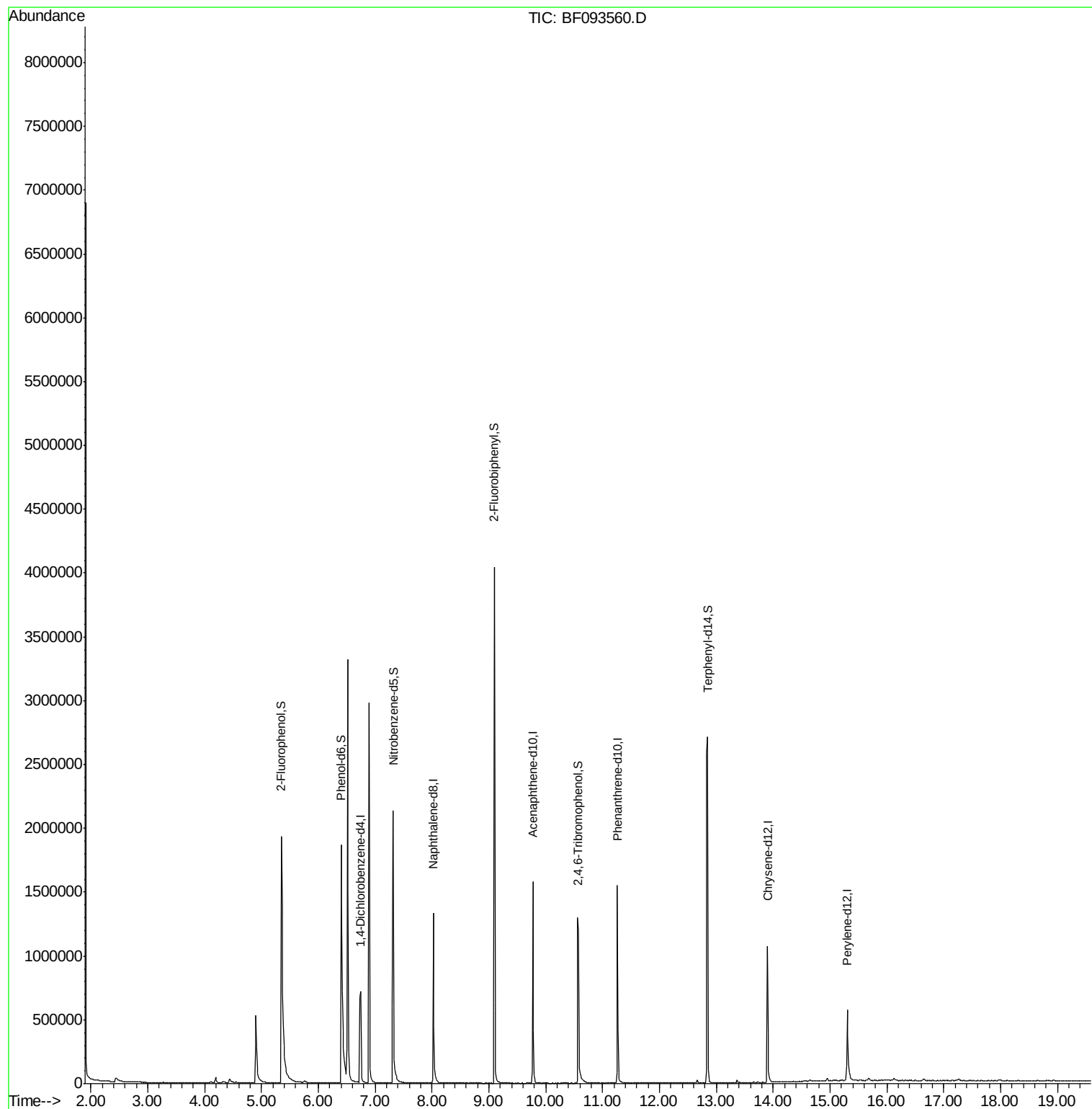
Target Compounds Qvalue

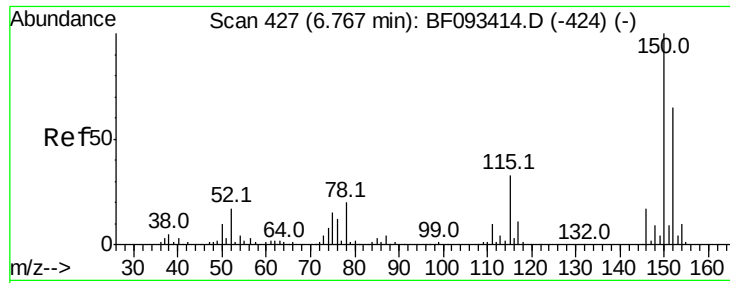
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF093560.D

Acq: 11 Mar 2017 9:01

Instrument :

BNA_F

ClientSampleId :

TP-3-COMP-0-12FT

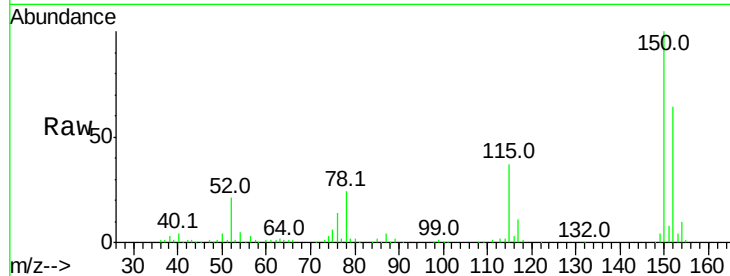
Tot Ion:152 Resp: 164929

Ion Ratio Lower Upper

152 100

150 155.5 124.9 187.3

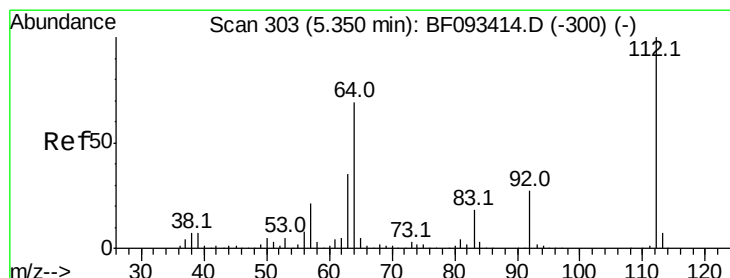
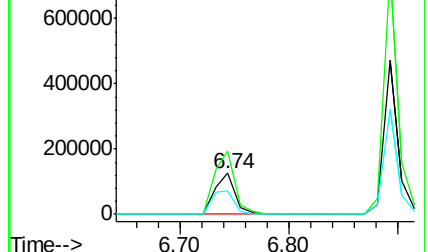
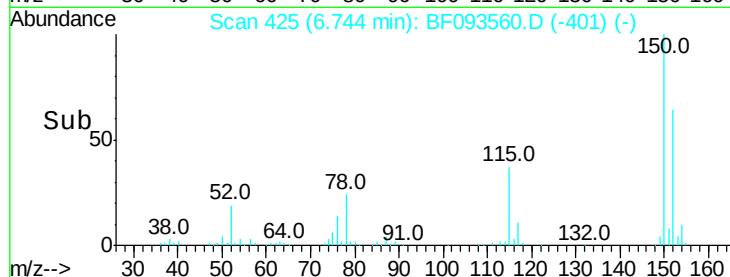
115 56.8 46.0 69.0



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: 105.21 ng

RT: 5.35 min Scan# 303

Delta R.T. -0.00 min

Lab File: BF093560.D

Acq: 11 Mar 2017 9:01

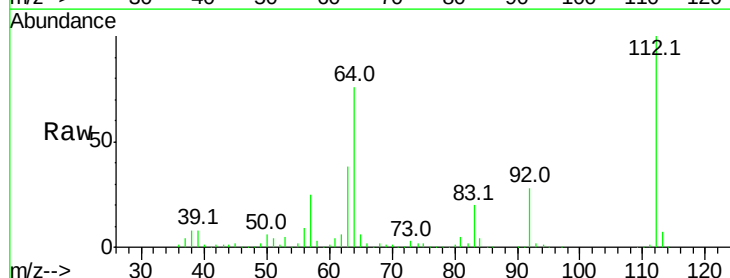
Tgt Ion:112 Resp: 1042577

Ion Ratio Lower Upper

112 100

64 75.9 46.1 69.1#

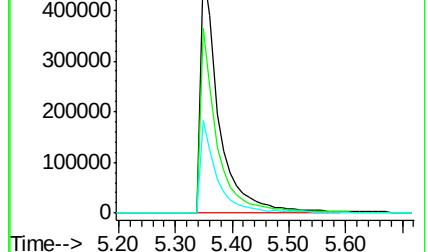
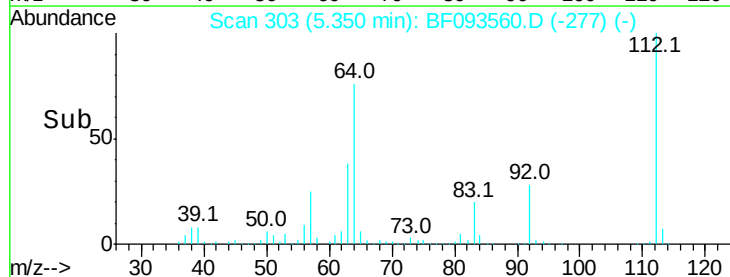
63 37.8 23.8 35.6#

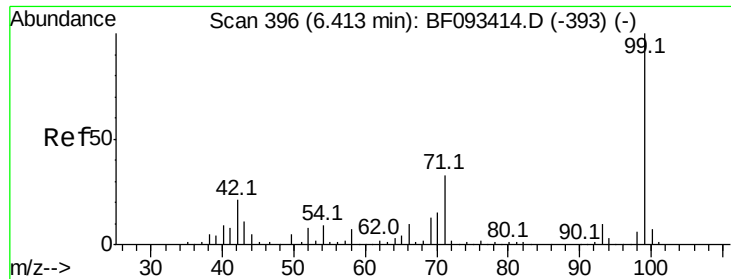


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 103.09 ng

RT: 6.40 min Scan# 395

Delta R.T. -0.01 min

Lab File: BF093560.D

Acq: 11 Mar 2017 9:01

Instrument :

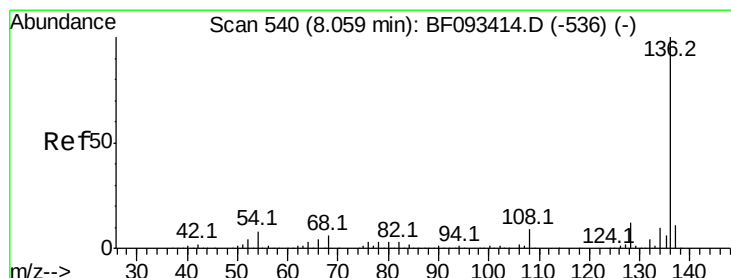
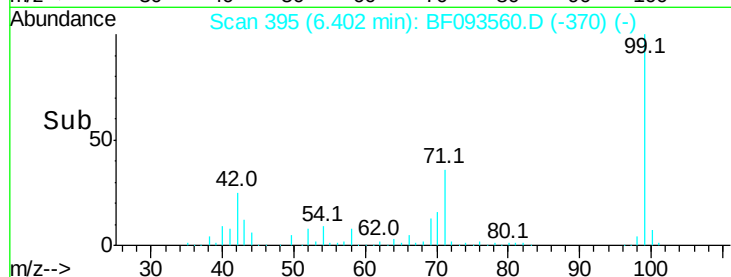
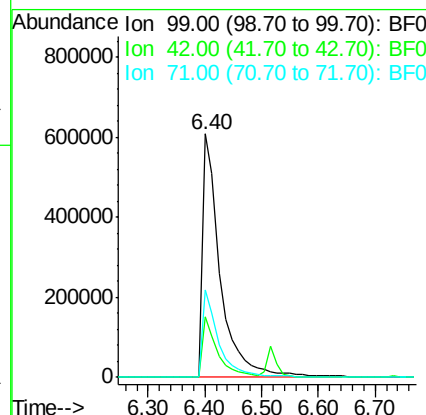
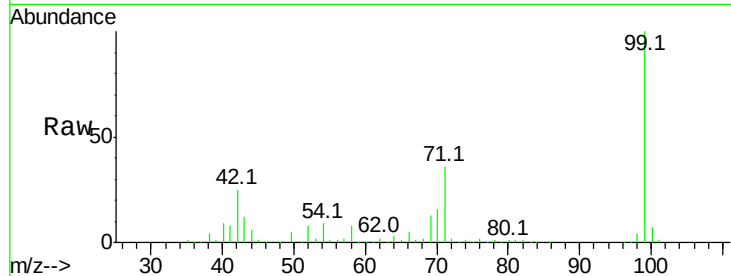
BNA_F

ClientSampleId :

TP-3-COMP-0-12FT

Tot Ion: 99 Resp: 1288208

Ion	Ratio	Lower	Upper
99	100		
42	24.7	15.6	23.4#
71	36.1	27.5	41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 537

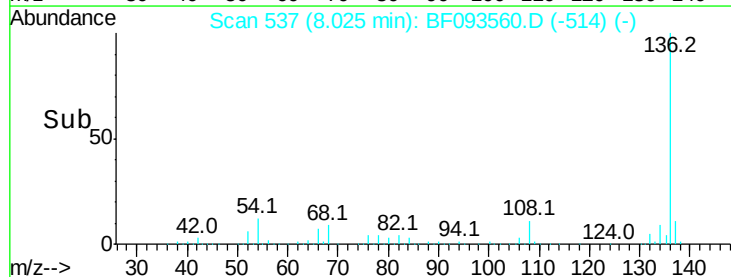
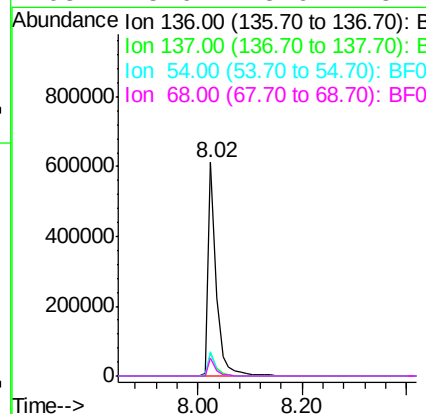
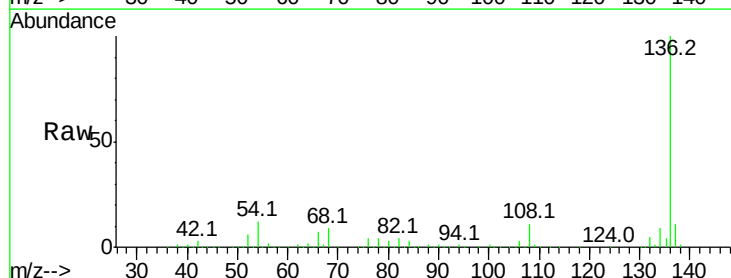
Delta R.T. -0.03 min

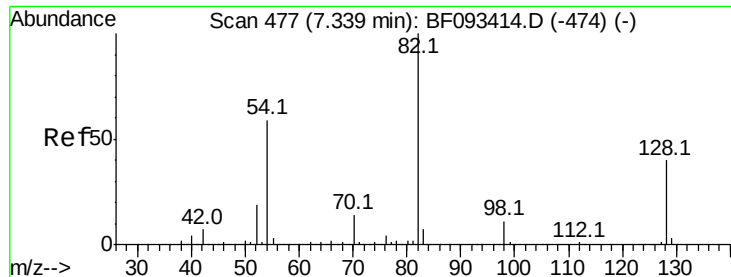
Lab File: BF093560.D

Acq: 11 Mar 2017 9:01

Tgt Ion: 136 Resp: 674835

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	11.6	4.5	6.7#
68	8.6	3.6	5.4#

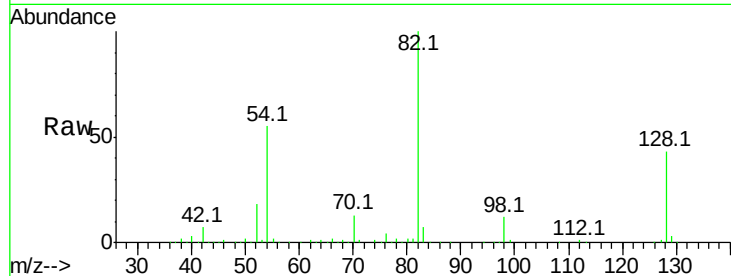




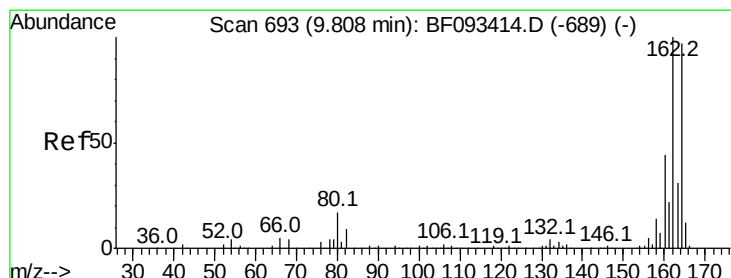
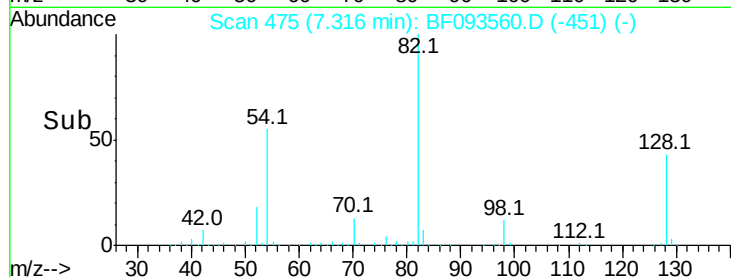
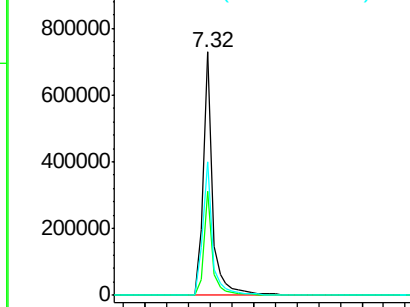
#23
 Nitrobenzene-d5
 Concen: 71.37 ng
 RT: 7.32 min Scan# 475
 Delta R.T. -0.02 min
 Lab File: BF093560.D
 Acq: 11 Mar 2017 9:01

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-COMP-0-12FT

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.8	34.6	52.0
54	55.1	39.5	59.3

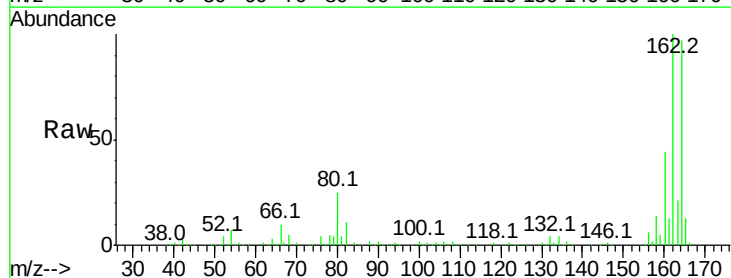


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

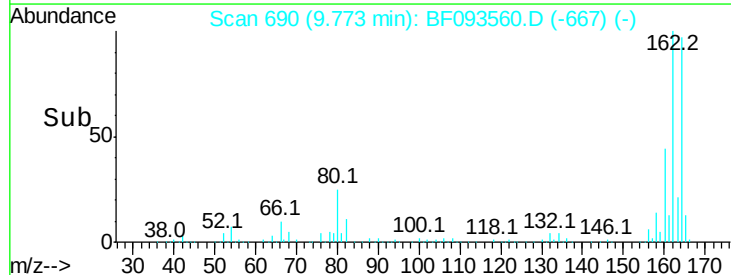
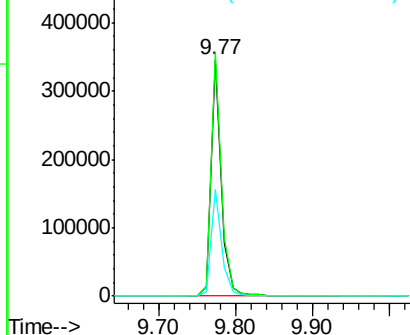


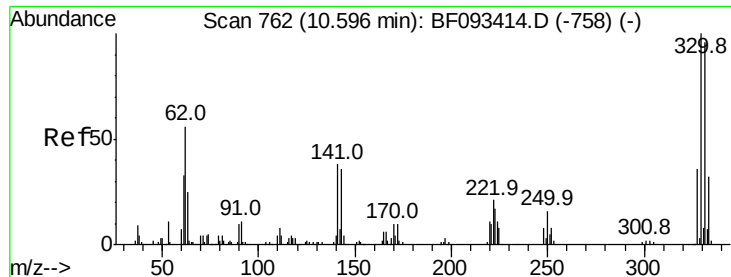
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 690
 Delta R.T. -0.03 min
 Lab File: BF093560.D
 Acq: 11 Mar 2017 9:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	80.2	120.2
160	45.1	36.9	55.3



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

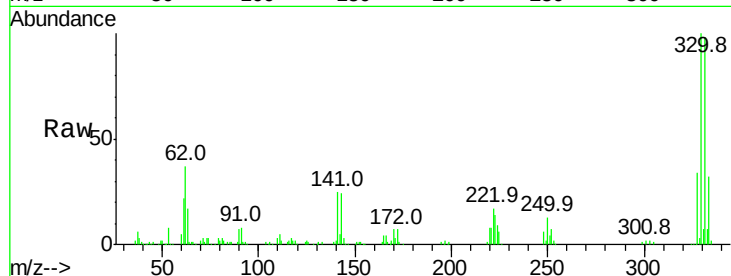




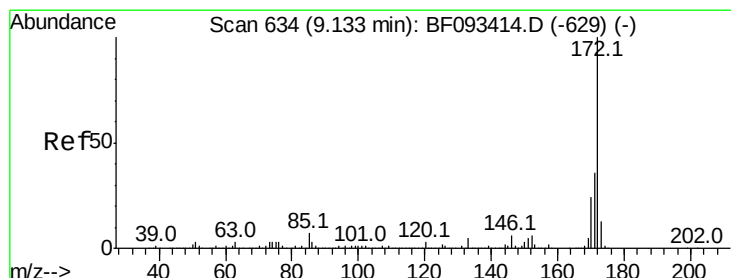
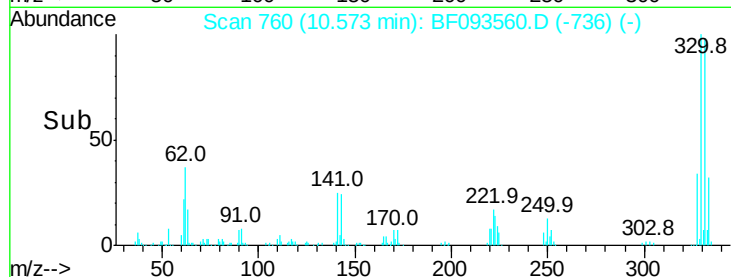
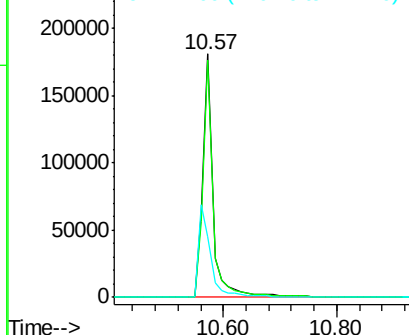
#41
 2,4,6-Tribromophenol
 Concen: 107.67 ng
 RT: 10.57 min Scan# 760
 Delta R.T. -0.02 min
 Lab File: BF093560.D
 Acq: 11 Mar 2017 9:01

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-COMP-0-12FT

Tot Ion:330 Resp: 222253
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.4 116.2
 141 45.3 34.1 51.1

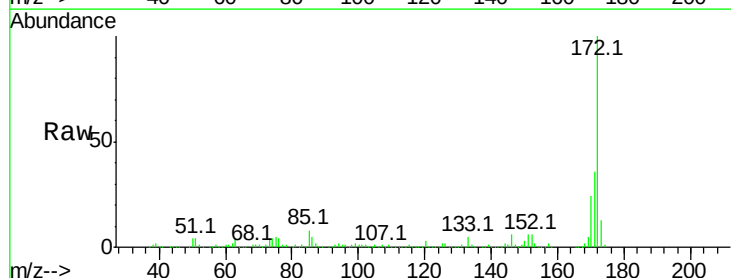


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

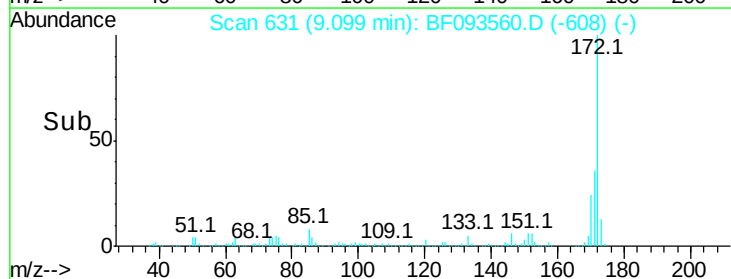
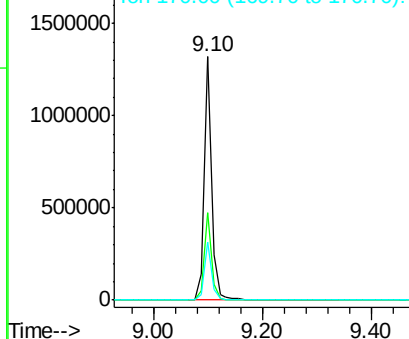


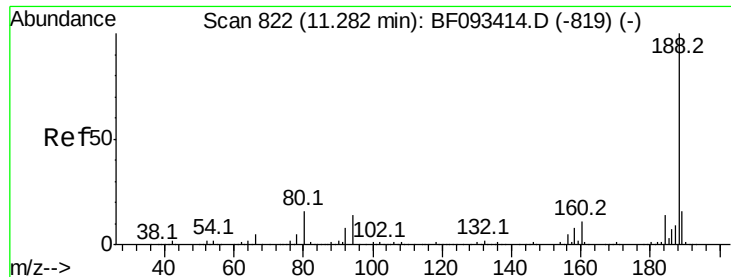
#44
 2-Fluorobiphenyl
 Concen: 72.10 ng
 RT: 9.10 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF093560.D
 Acq: 11 Mar 2017 9:01

Tgt Ion:172 Resp: 1228133
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 24.1 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

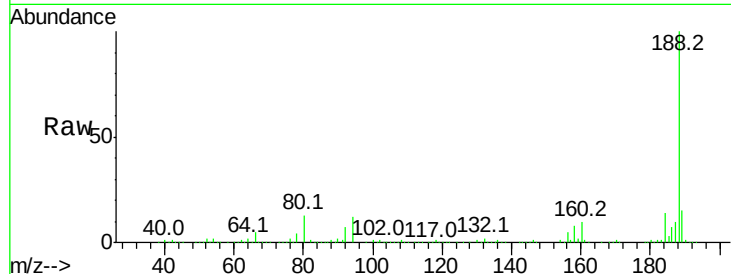




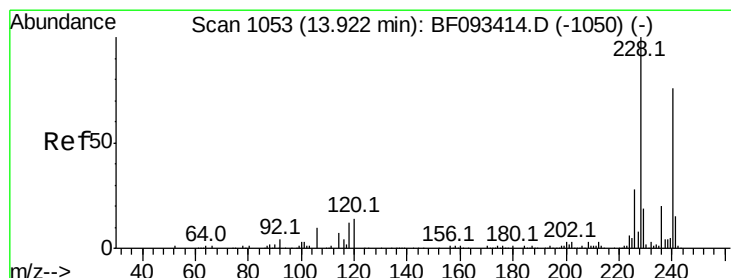
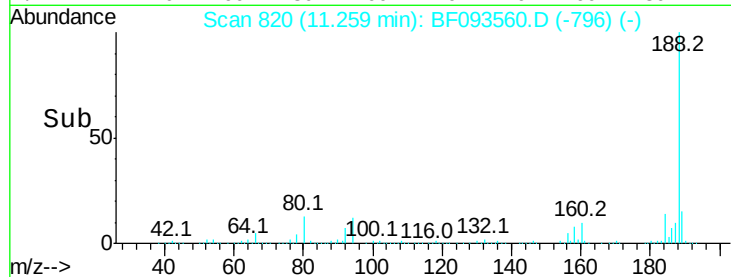
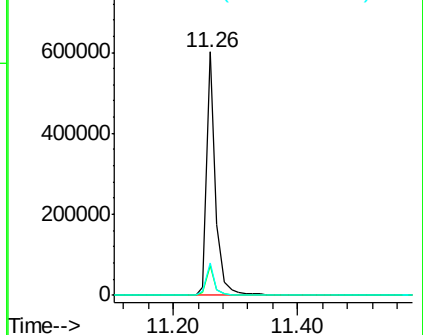
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 820
Delta R.T. -0.02 min
Lab File: BF093560.D
Acq: 11 Mar 2017 9:01

Instrument :
BNA_F
ClientSampleId :
TP-3-COMP-0-12FT

Tot Ion	Ratio	Lower	Upper
188	100		
94	12.2	10.0	15.0
80	13.4	11.2	16.8

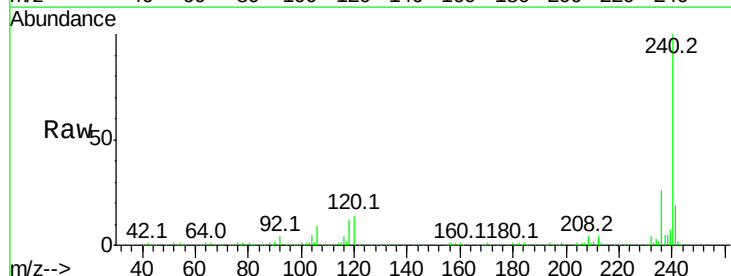


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

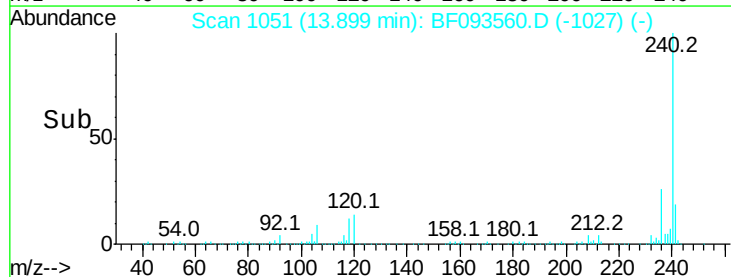
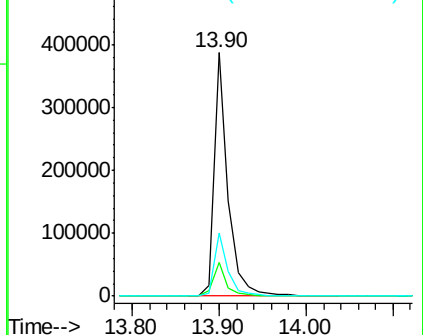


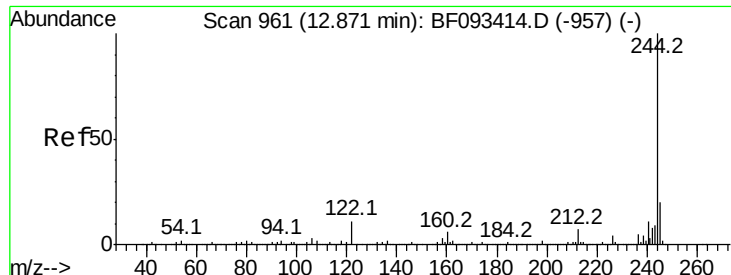
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.90 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BF093560.D
Acq: 11 Mar 2017 9:01

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.7	12.9	19.3
236	26.1	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: 74.65 ng

RT: 12.85 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF093560.D

Acq: 11 Mar 2017 9:01

Instrument :

BNA_F

ClientSampleId :

TP-3-COMP-0-12FT

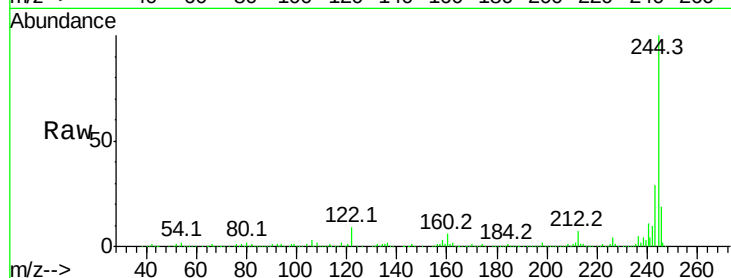
Tot Ion:244 Resp: 1229911

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

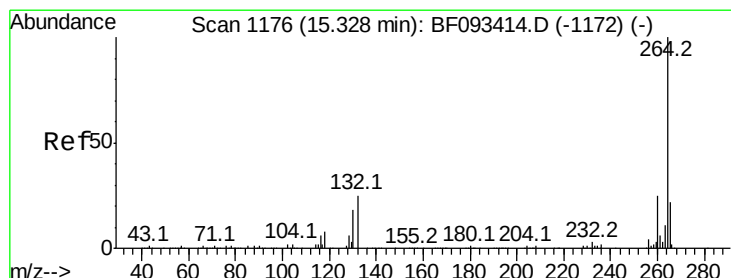
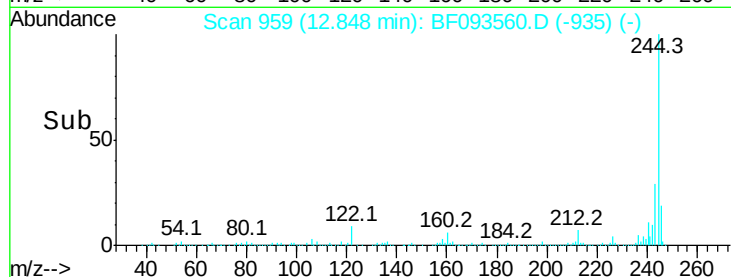
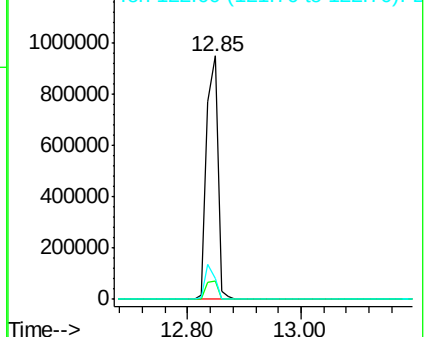
122 8.7 11.4 17.2#



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: 15.31 min Scan# 1174

Delta R.T. -0.02 min

Lab File: BF093560.D

Acq: 11 Mar 2017 9:01

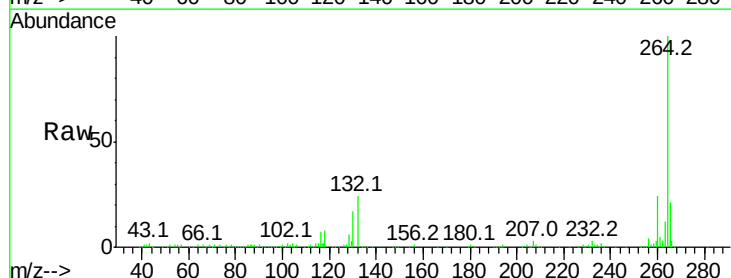
Tgt Ion:264 Resp: 294649

Ion Ratio Lower Upper

264 100

260 23.6 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

