

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101716\
 Data File : BF090602.D
 Acq On : 17 Oct 2016 12:06
 Operator : UM/SJ
 Sample : PB94073BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94073BL

Quant Time: Oct 17 15:59:29 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 17 15:58:48 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	312397	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	1239680	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	657790	20.00	ng	-0.01
63) Phenanthrene-d10	11.43	188	1122335	20.00	ng	-0.01
75) Chrysene-d12	14.09	240	1055308	20.00	ng	0.00
86) Perylene-d12	15.54	264	804836	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1841549	108.07	ng	0.02
7) Phenol-d6	6.54	99	2124034	83.88	ng	0.00
23) Nitrobenzene-d5	7.47	82	1374046	61.57	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	635500	108.36	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	2464125	61.72	ng	0.00
78) Terphenyl-d14	13.03	244	2752186	60.72	ng	0.00

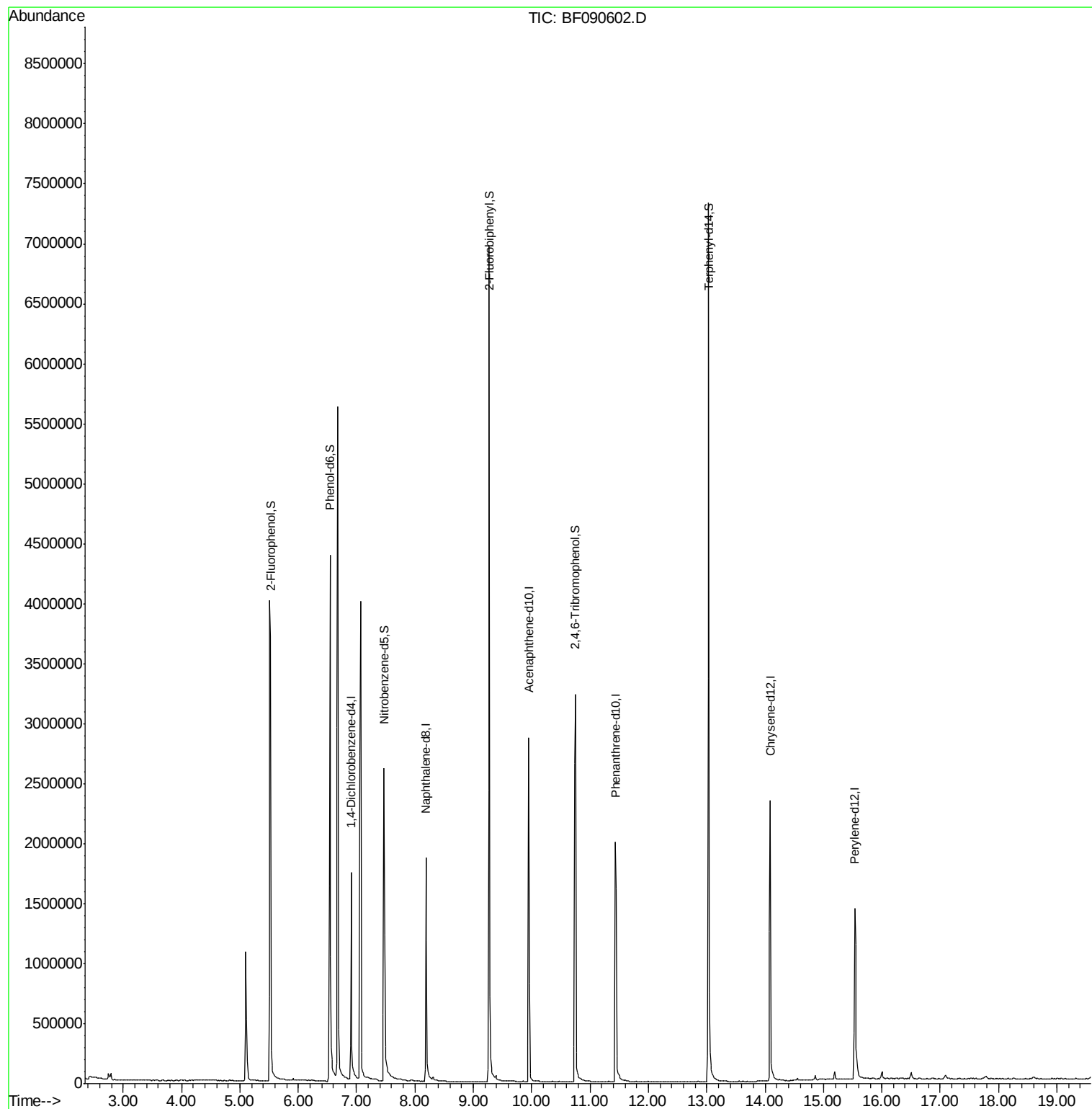
Target Compounds Qvalue

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

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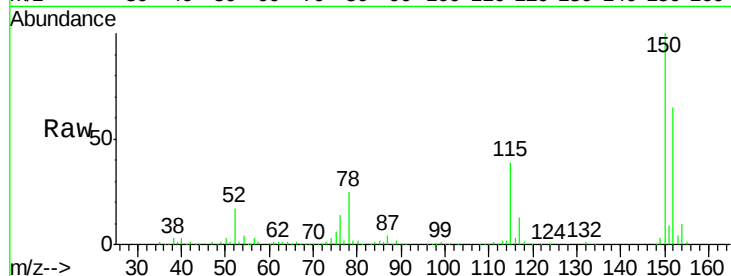


#1

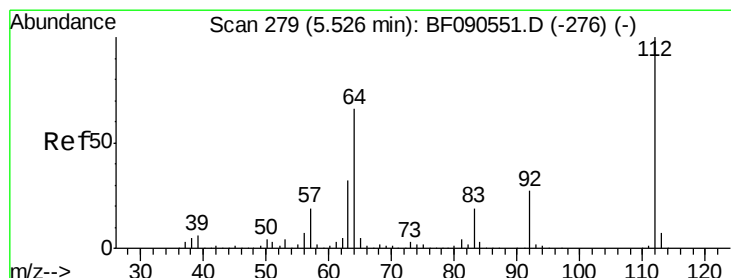
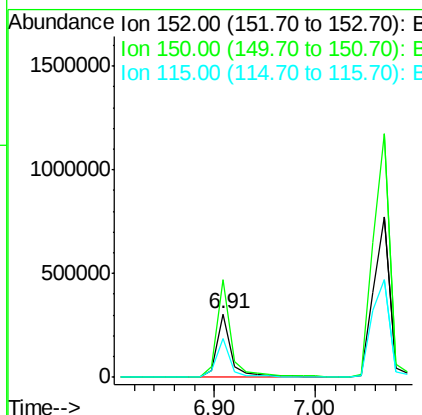
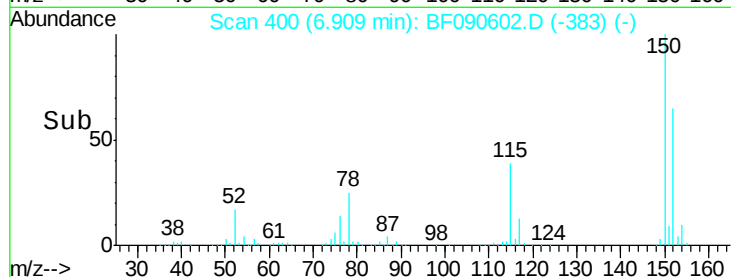
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.91 min Scan# 400
Delta R.T. -0.00 min
Lab File: BF090602.D
Acq: 17 Oct 2016 12:06

Instrument :
BNA_F
ClientSampleId :
PB94073BL

Tot Ion:152 Resp: 312397
Ion Ratio Lower Upper
152 100
150 154.2 127.2 190.8
115 60.3 58.6 88.0



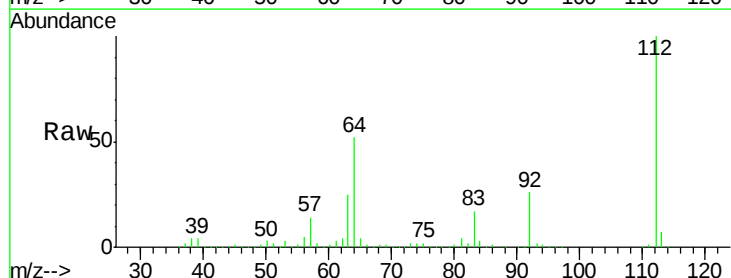
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



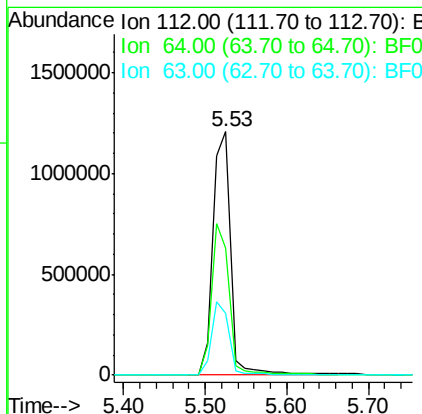
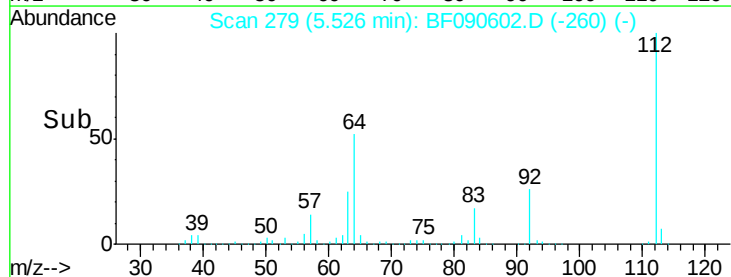
#5

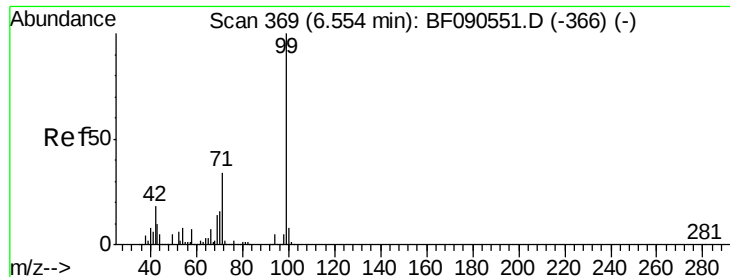
2-Fluorophenol
Concen: 108.07 ng
RT: 5.53 min Scan# 279
Delta R.T. 0.02 min
Lab File: BF090602.D
Acq: 17 Oct 2016 12:06

Tgt Ion:112 Resp: 1841549
Ion Ratio Lower Upper
112 100
64 52.3 52.6 78.8#
63 25.4 26.0 39.0#



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: 83.88 ng

RT: 6.54 min Scan# 368

Delta R.T. -0.00 min

Lab File: BF090602.D

Acq: 17 Oct 2016 12:06

Instrument :

BNA_F

ClientSampleId :

PB94073BL

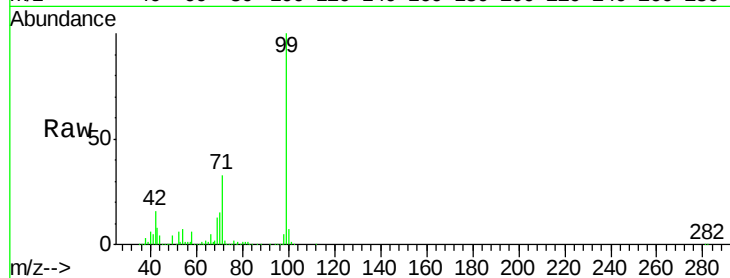
Tot Ion: 99 Resp: 2124034

Ion Ratio Lower Upper

99 100

42 15.6 14.7 22.1

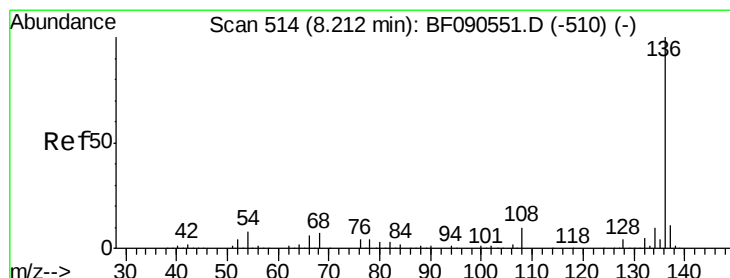
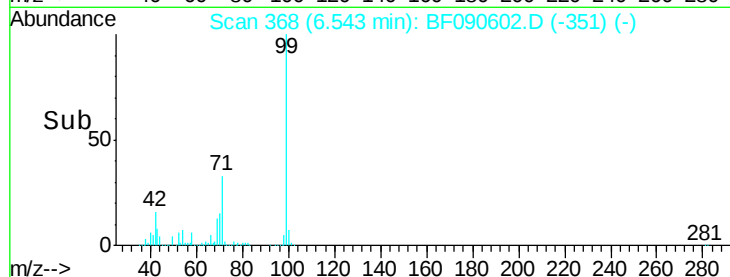
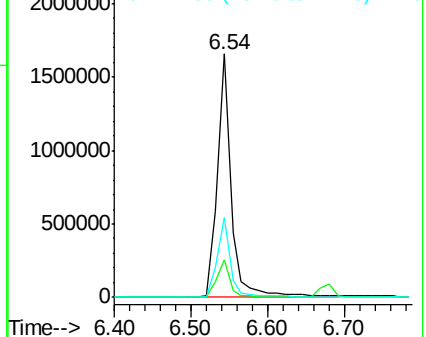
71 32.6 27.6 41.4



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: 8.19 min Scan# 512

Delta R.T. -0.01 min

Lab File: BF090602.D

Acq: 17 Oct 2016 12:06

Tgt Ion: 136 Resp: 1239680

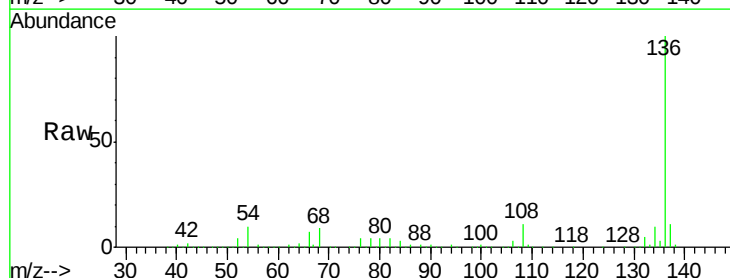
Ion Ratio Lower Upper

136 100

137 11.5 8.8 13.2

54 9.8 6.8 10.2

68 8.8 6.0 9.0

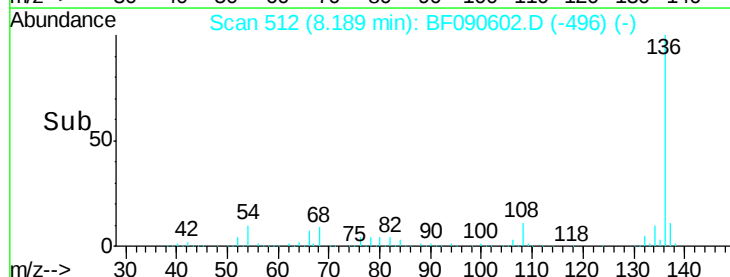
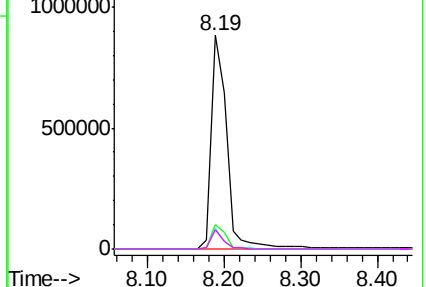


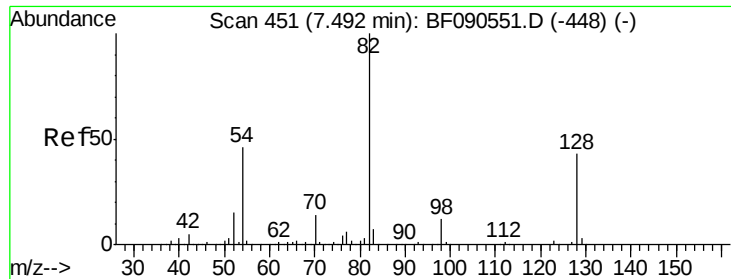
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

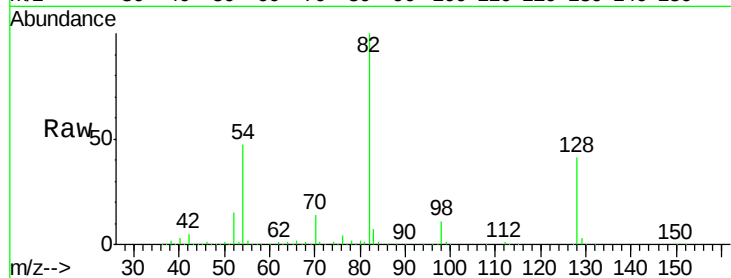




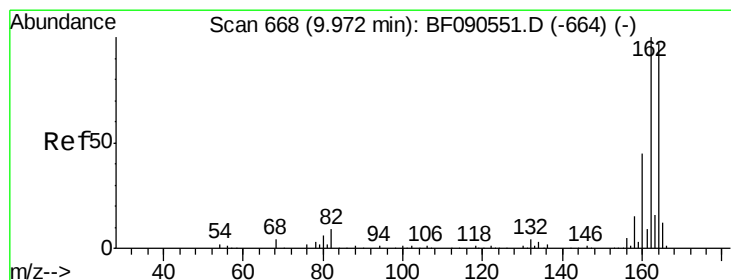
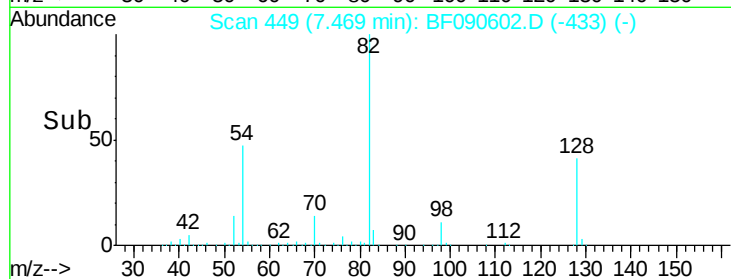
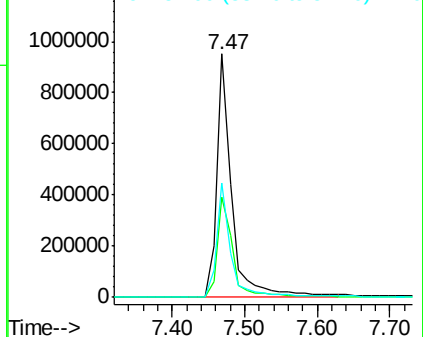
#23
 Nitrobenzene-d5
 Concen: 61.57 ng
 RT: 7.47 min Scan# 449
 Delta R.T. -0.01 min
 Lab File: BF090602.D
 Acq: 17 Oct 2016 12:06

Instrument :
 BNA_F
 ClientSampleId :
 PB94073BL

Tot Ion: 82 Resp: 1374046
 Ion Ratio Lower Upper
 82 100
 128 41.2 34.3 51.5
 54 47.2 37.0 55.6

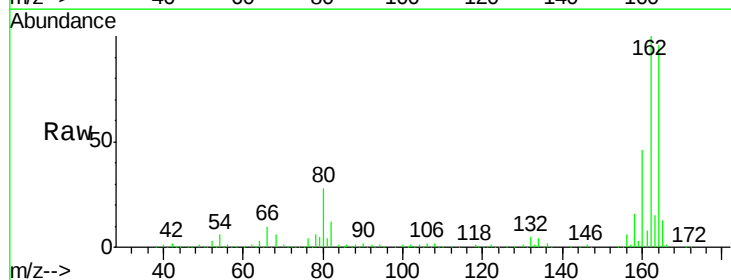


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

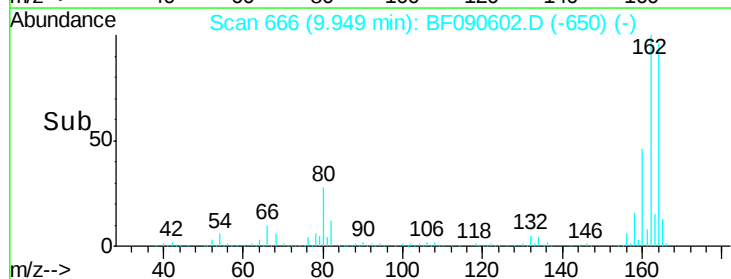
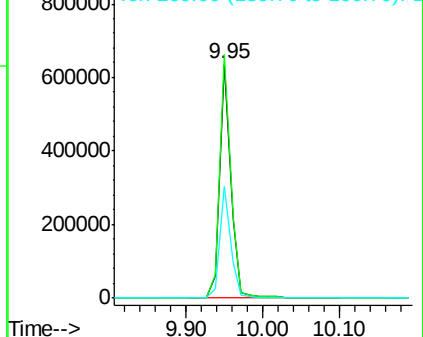


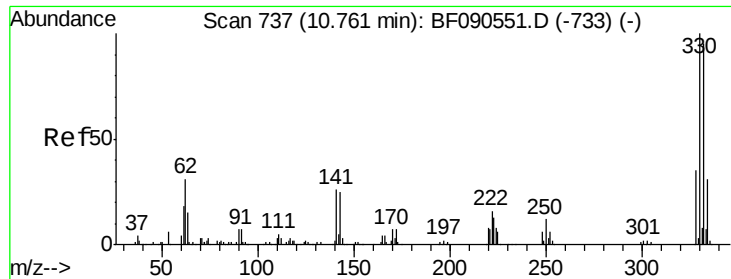
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.95 min Scan# 666
 Delta R.T. -0.01 min
 Lab File: BF090602.D
 Acq: 17 Oct 2016 12:06

Tgt Ion:164 Resp: 657790
 Ion Ratio Lower Upper
 164 100
 162 104.3 82.2 123.4
 160 48.1 36.6 55.0



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

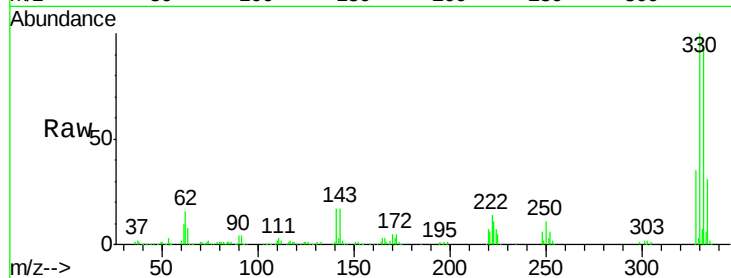




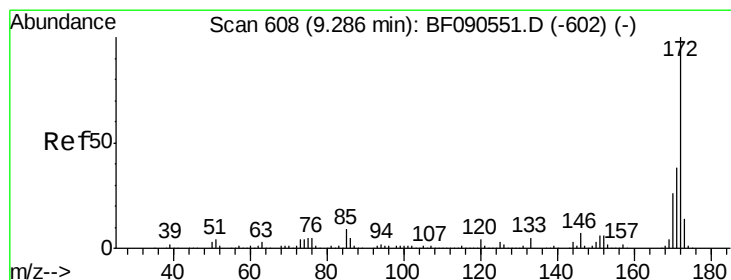
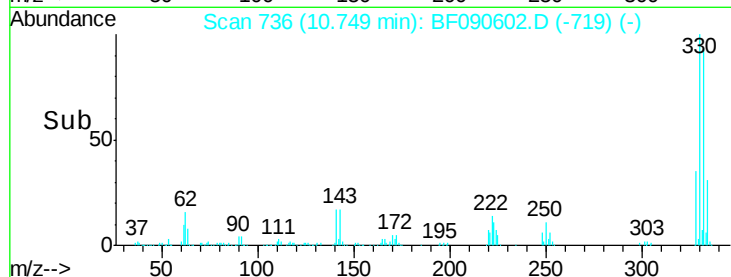
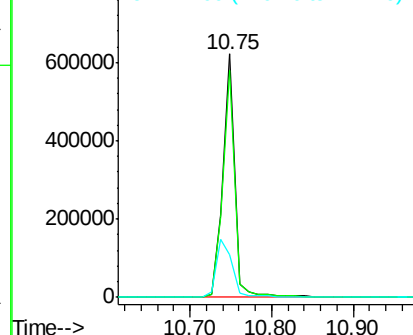
#41
 2,4,6-Tribromophenol
 Concen: 108.36 ng
 RT: 10.75 min Scan# 736
 Delta R.T. -0.00 min
 Lab File: BF090602.D
 Acq: 17 Oct 2016 12:06

Instrument :
 BNA_F
 ClientSampleId :
 PB94073BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.3	76.2	114.2
141	33.0	31.4	47.2

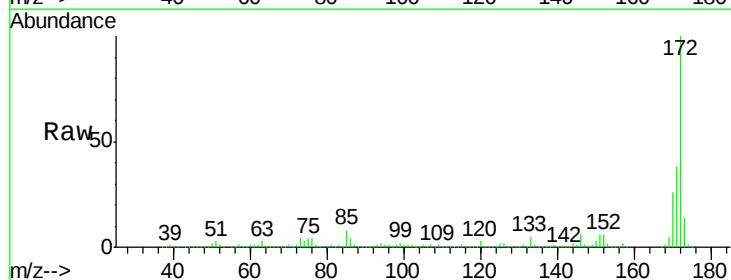


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

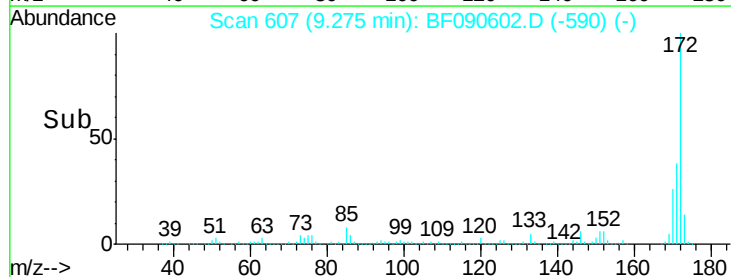
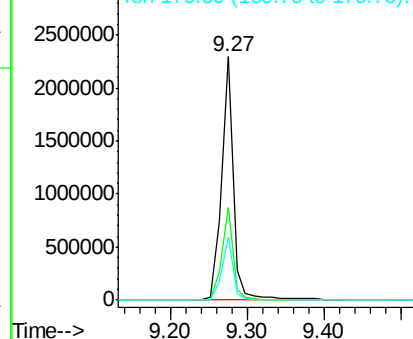


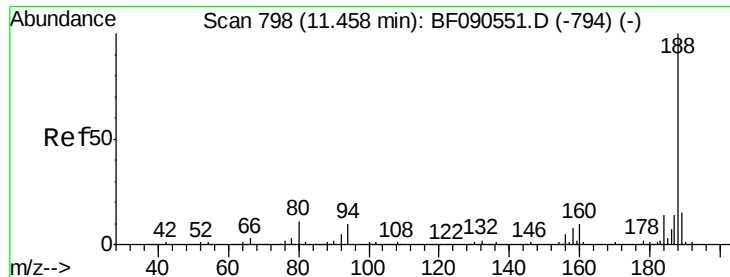
#44
 2-Fluorobiphenyl
 Concen: 61.72 ng
 RT: 9.27 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: BF090602.D
 Acq: 17 Oct 2016 12:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.1	45.1
170	26.0	20.6	30.8



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

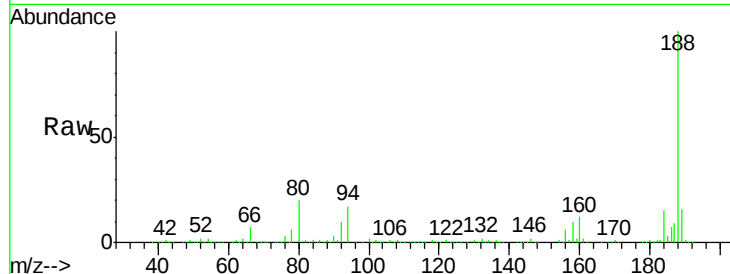




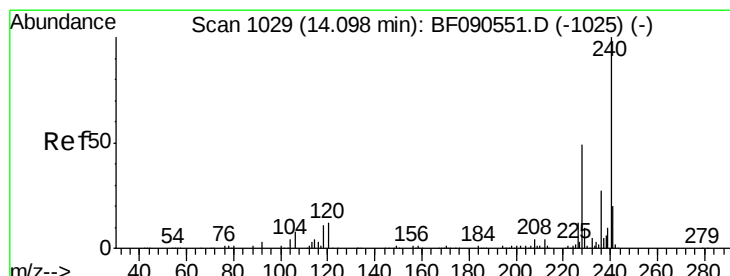
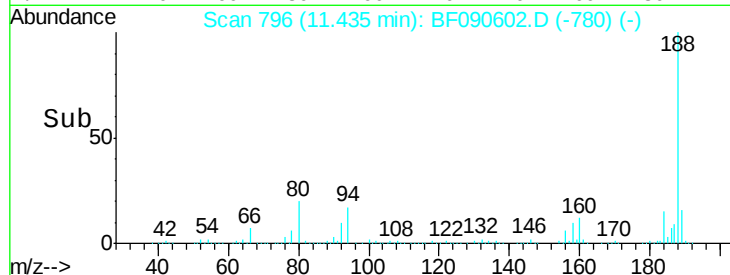
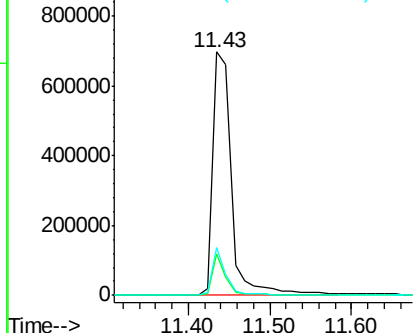
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF090602.D
Acq: 17 Oct 2016 12:06

Instrument :
BNA_F
ClientSampleId :
PB94073BL

Tot Ion:188 Resp: 1122335
Ion Ratio Lower Upper
188 100
94 16.9 7.7 11.5#
80 19.8 8.6 12.8#

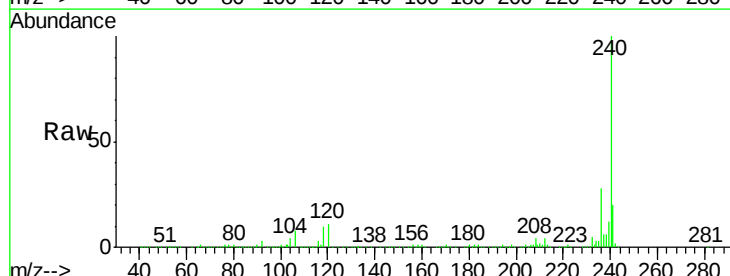


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

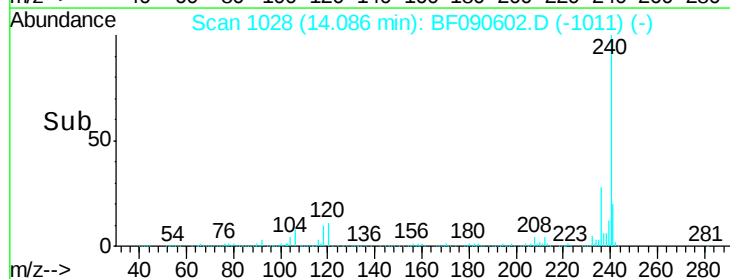
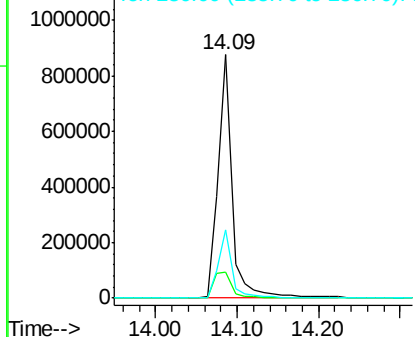


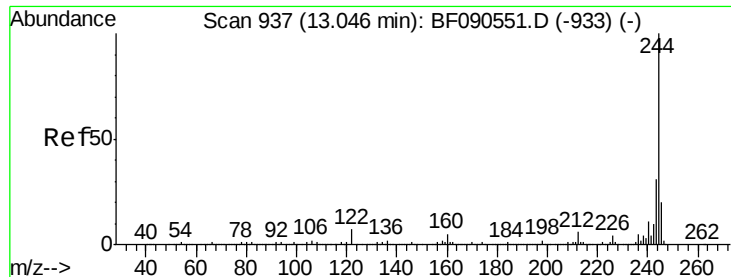
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.09 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF090602.D
Acq: 17 Oct 2016 12:06

Tgt Ion:240 Resp: 1055308
Ion Ratio Lower Upper
240 100
120 10.9 9.8 14.8
236 27.9 21.7 32.5



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: 60.72 ng

RT: 13.03 min Scan# 936

Delta R.T. -0.00 min

Lab File: BF090602.D

Acq: 17 Oct 2016 12:06

Instrument :

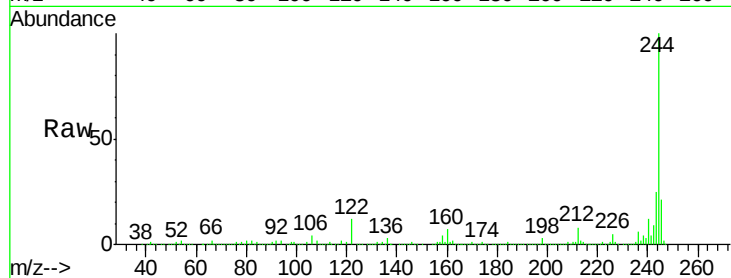
BNA_F

ClientSampleId :

PB94073BL

Tot Ion:244 Resp: 2752186

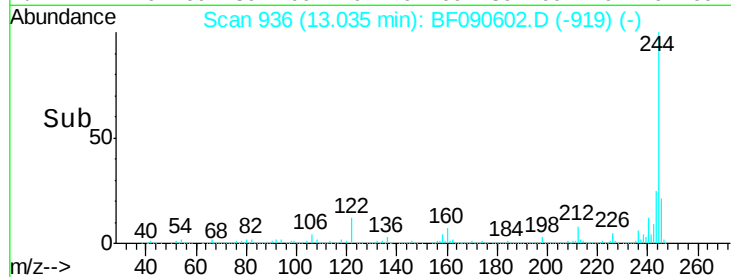
Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.0	7.4#
122	12.1	5.6	8.4#



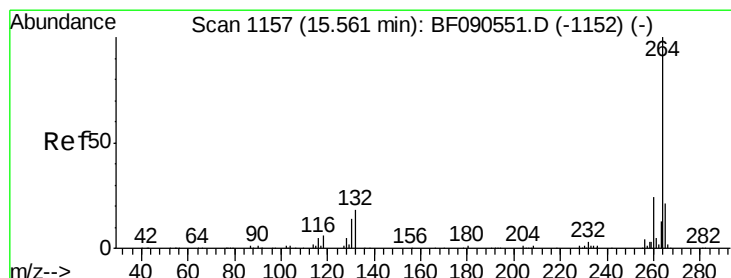
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 12.90 13.00 13.10 13.20



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.54 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BF090602.D

Acq: 17 Oct 2016 12:06

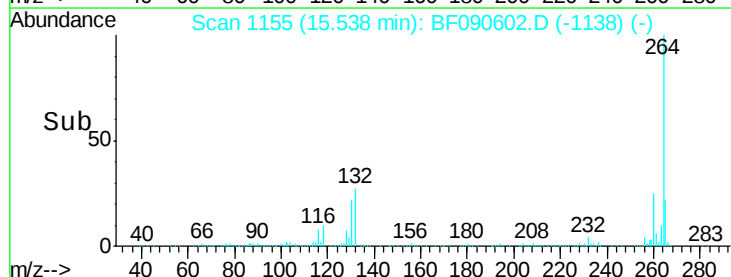
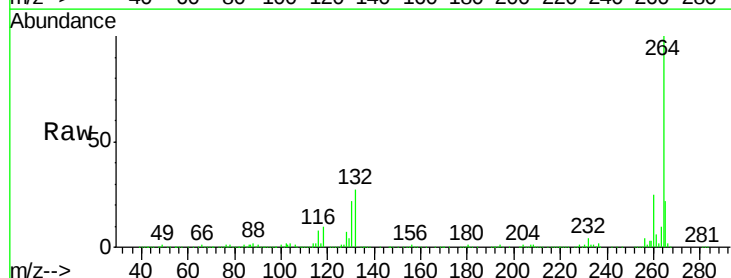
Tgt Ion:264 Resp: 804836

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.3	28.9
265	22.2	16.7	25.1

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



Time--> 15.40 15.50 15.60 15.70