

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030217\
 Data File : BF093335.D
 Acq On : 2 Mar 2017 21:55
 Operator : SJ/MA
 Sample : PB97297BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97297BL

Quant Time: Mar 03 01:18:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 03 00:22:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	150681	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	631787	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	301038	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	552616	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	492374	20.00	ng	-0.01
86) Perylene-d12	15.39	264	362088	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1175995	133.90	ng	0.00
7) Phenol-d6	6.44	99	1365357	120.82	ng	-0.01
23) Nitrobenzene-d5	7.37	82	968459	85.36	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	289732	133.07	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1633129	98.28	ng	0.00
78) Terphenyl-d14	12.92	244	1349829	64.42	ng	0.00

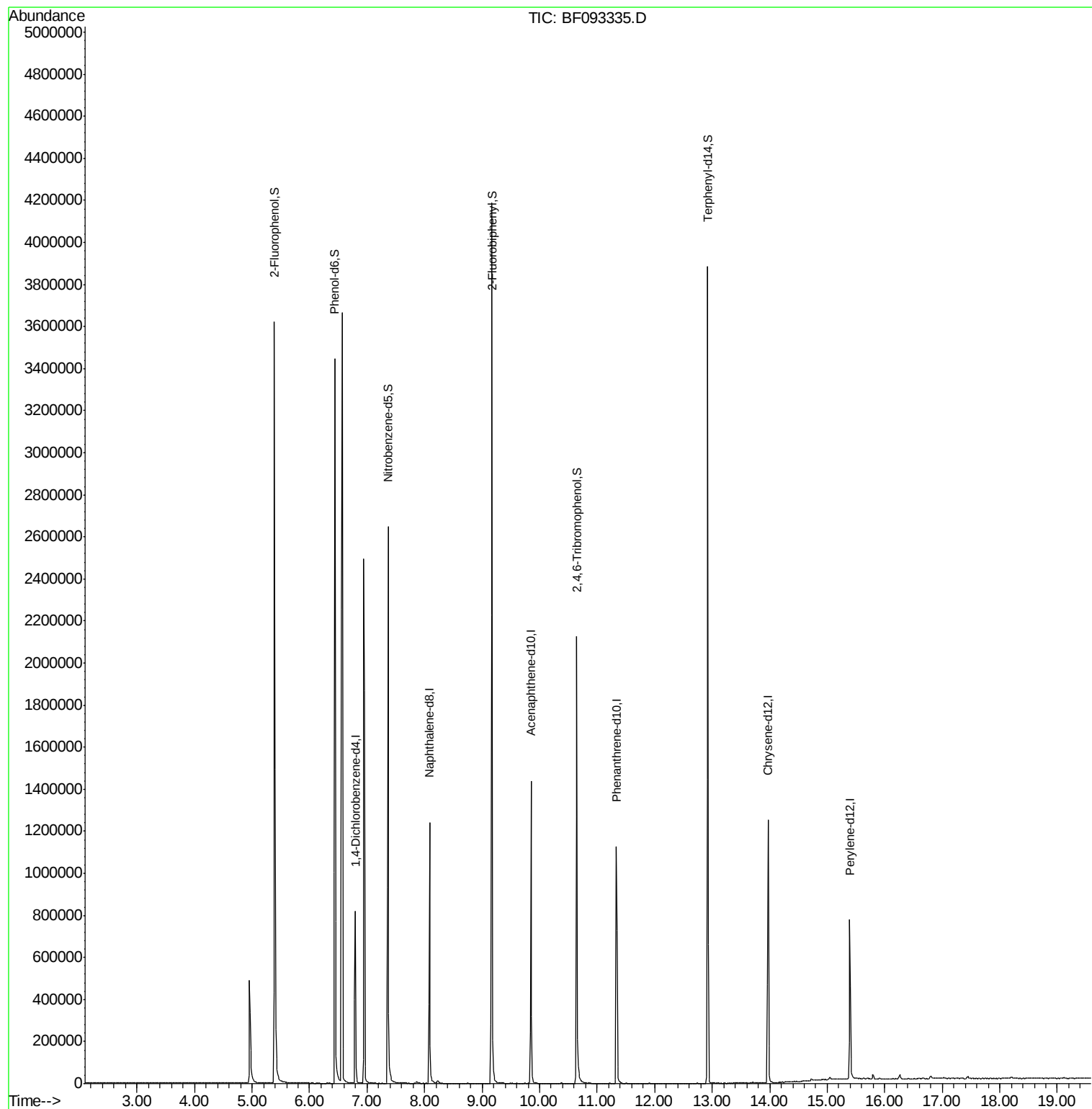
Target Compounds Qvalue

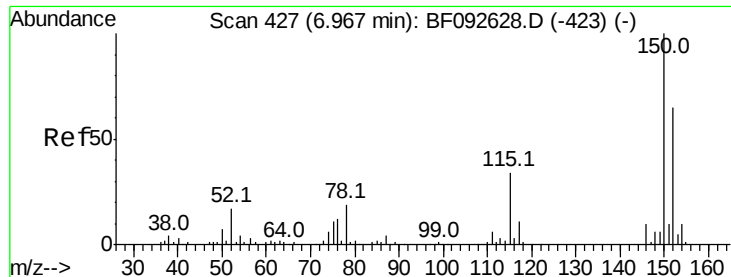
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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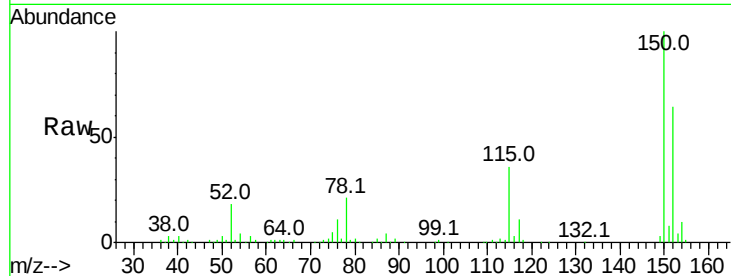


#1

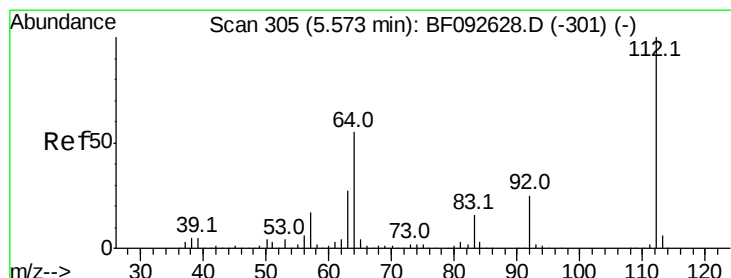
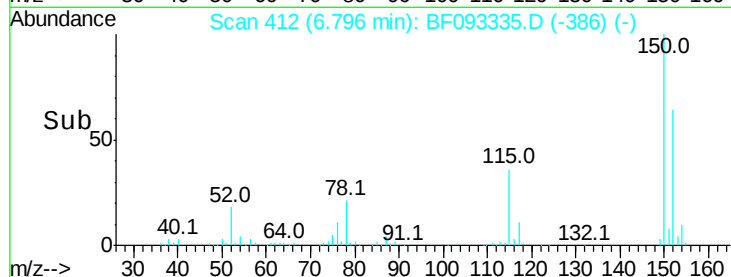
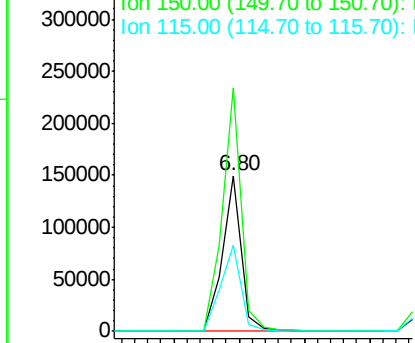
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF093335.D
Acq: 2 Mar 2017 21:55

Instrument :
BNA_F
ClientSampleId :
PB97297BL

Tot Ion:152 Resp: 150681
Ion Ratio Lower Upper
152 100
150 156.7 124.9 187.3
115 55.9 46.0 69.0



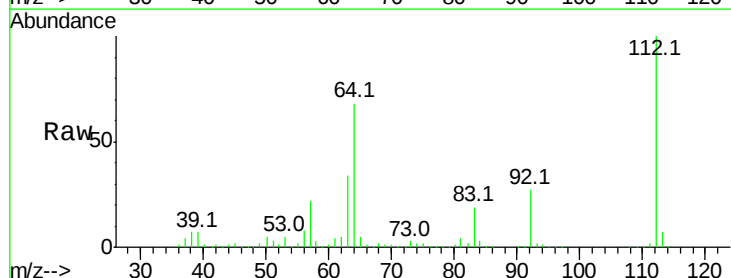
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



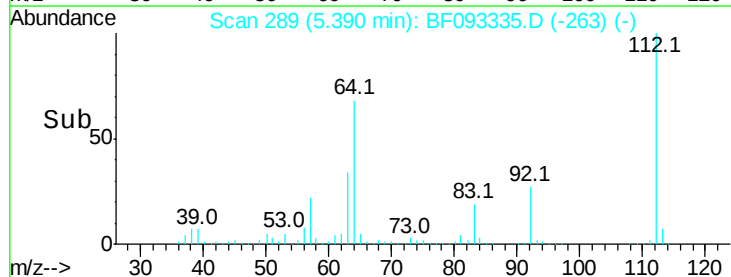
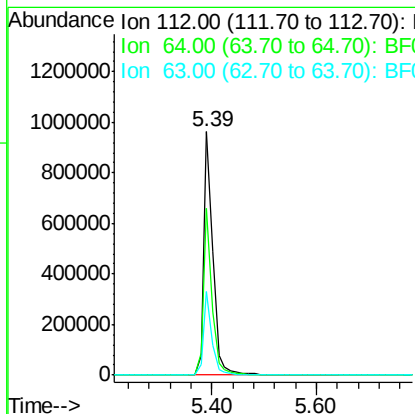
#5

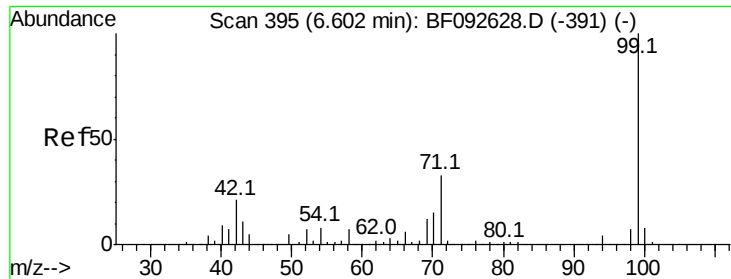
2-Fluorophenol
Concen: 133.90 ng
RT: 5.39 min Scan# 289
Delta R.T. -0.00 min
Lab File: BF093335.D
Acq: 2 Mar 2017 21:55

Tgt Ion:112 Resp: 1175995
Ion Ratio Lower Upper
112 100
64 68.5 46.1 69.1
63 34.3 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: 120.82 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF093335.D

Acq: 2 Mar 2017 21:55

Instrument :

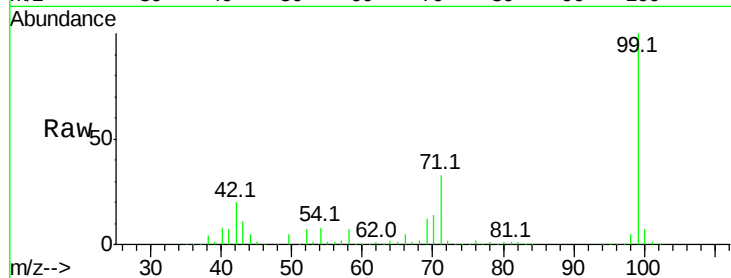
BNA_F

ClientSampleId :

PB97297BL

Tot Ion: 99 Resp: 1365357

Ion	Ratio	Lower	Upper
99	100		
42	20.1	15.6	23.4
71	33.0	27.5	41.3

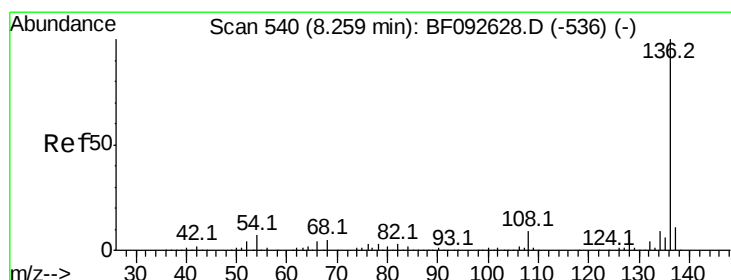
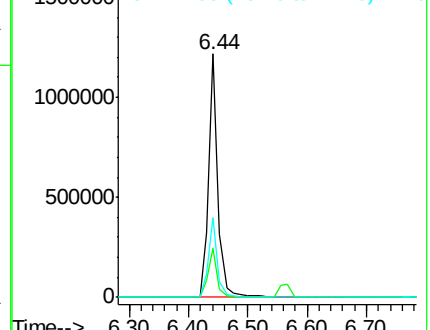
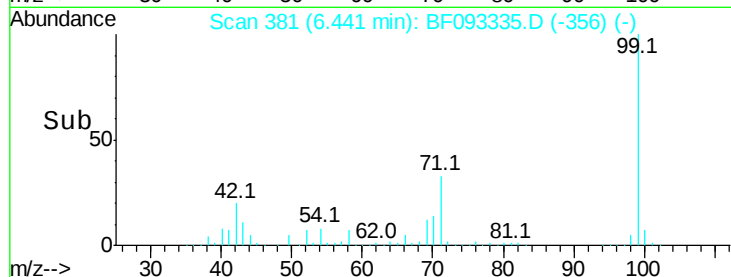


Abundance

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: 8.09 min Scan# 525

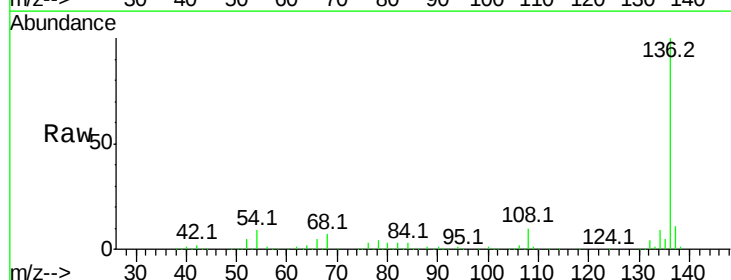
Delta R.T. -0.00 min

Lab File: BF093335.D

Acq: 2 Mar 2017 21:55

Tgt Ion: 136 Resp: 631787

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	9.3	4.5	6.7#
68	6.9	3.6	5.4#



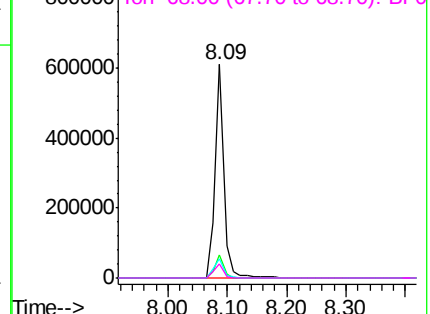
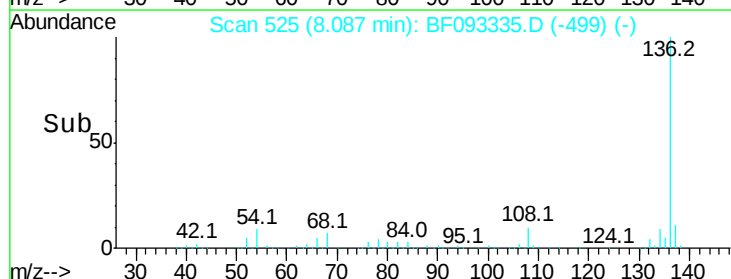
Abundance

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

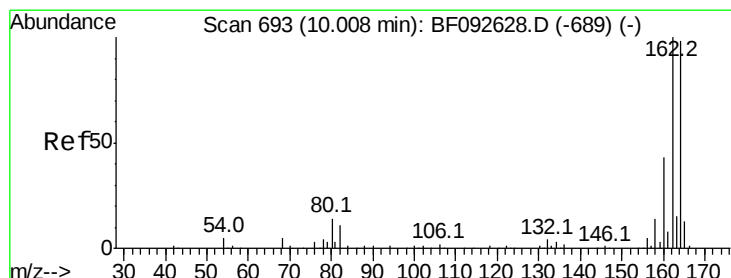
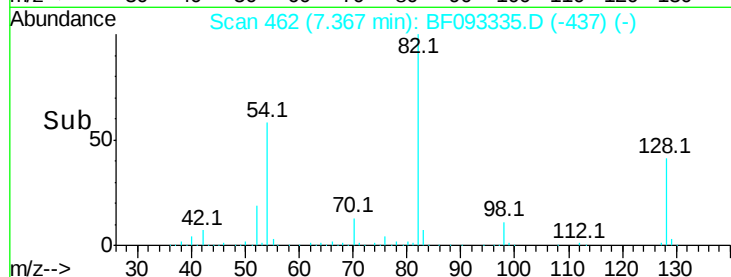
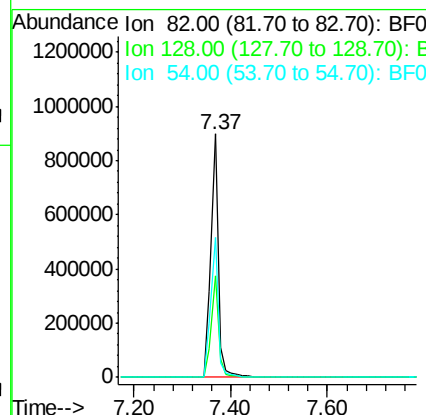
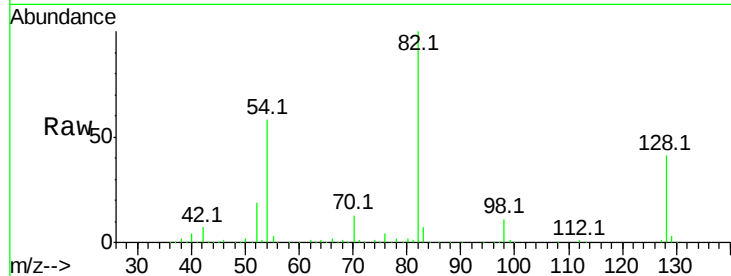




#23
Nitrobenzene-d5
Concen: 85.36 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF093335.D
Acq: 2 Mar 2017 21:55

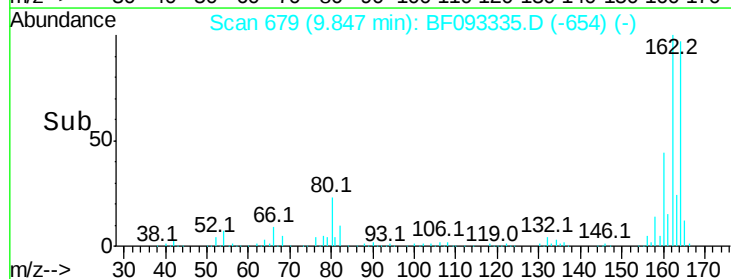
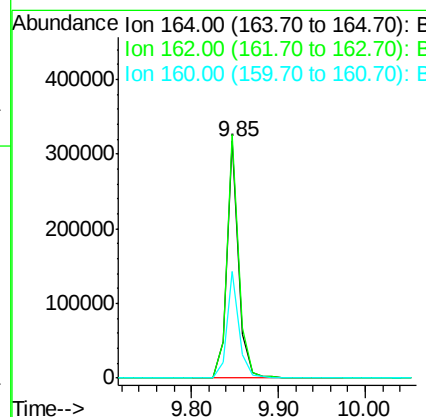
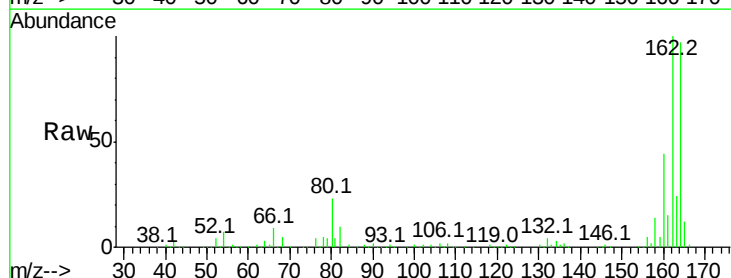
Instrument :
BNA_F
ClientSampleId :
PB97297BL

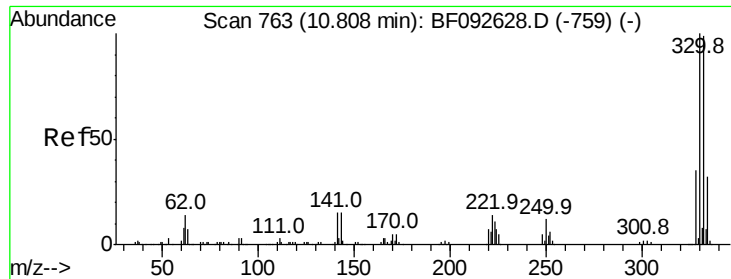
Tot Ion: 82 Resp: 968459
Ion Ratio Lower Upper
82 100
128 41.5 34.6 52.0
54 57.7 39.5 59.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF093335.D
Acq: 2 Mar 2017 21:55

Tgt Ion:164 Resp: 301038
Ion Ratio Lower Upper
164 100
162 102.8 80.2 120.2
160 45.2 36.9 55.3

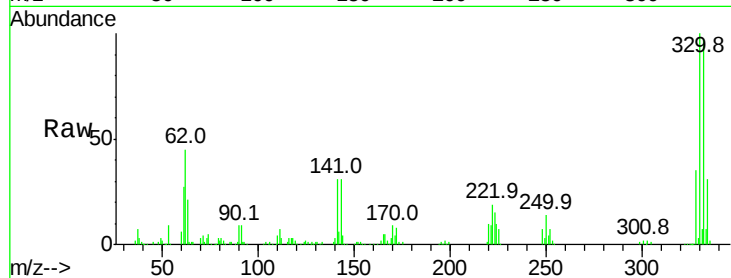




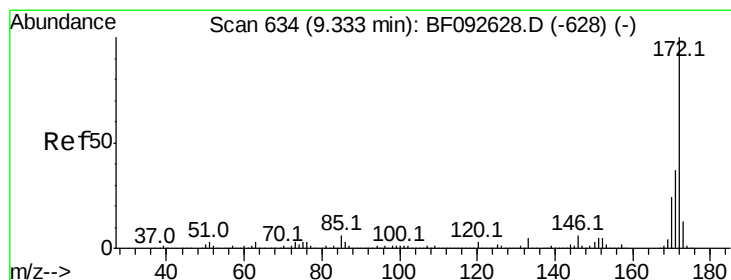
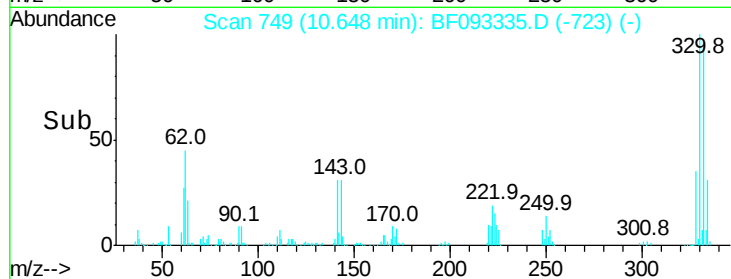
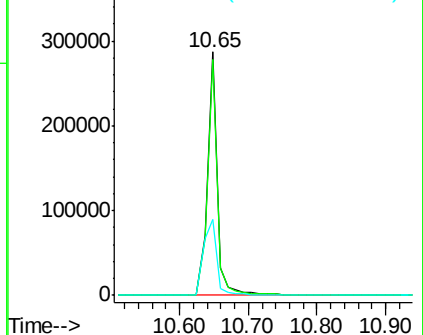
#41
 2,4,6-Tribromophenol
 Concen: 133.07 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: BF093335.D
 Acq: 2 Mar 2017 21:55

Instrument :
 BNA_F
 ClientSampleId :
 PB97297BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.4	116.2
141	42.2	34.1	51.1

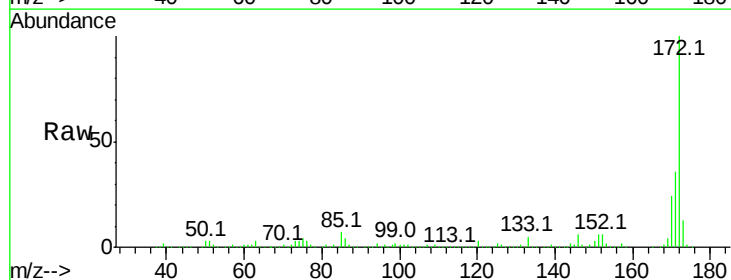


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

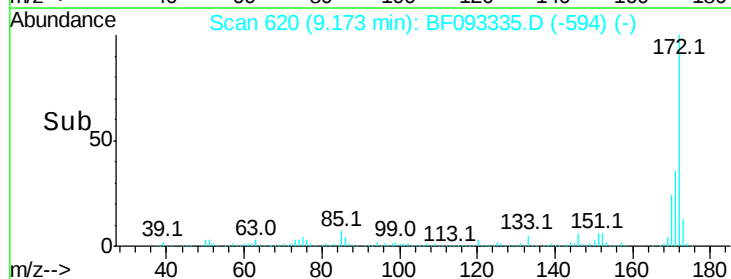
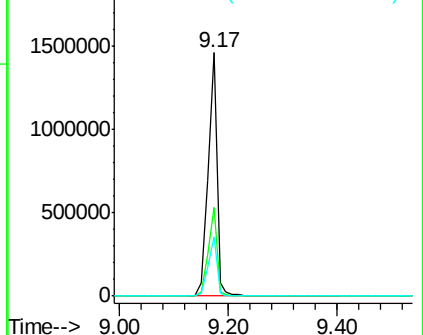


#44
 2-Fluorobiphenyl
 Concen: 98.28 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF093335.D
 Acq: 2 Mar 2017 21:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.2	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

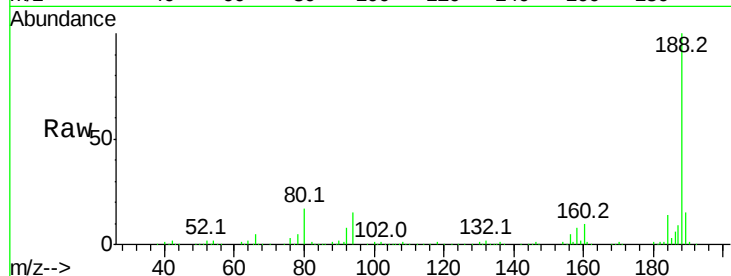




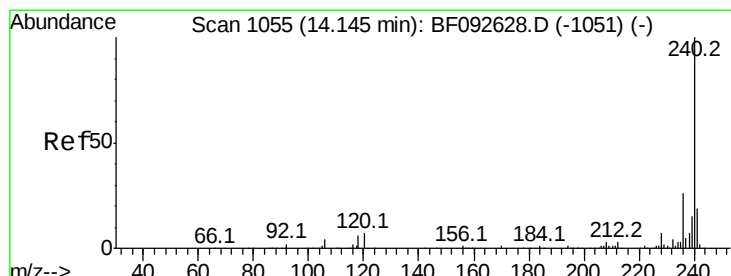
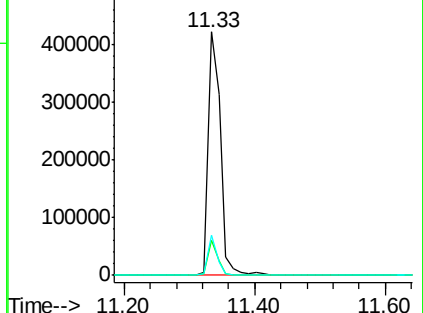
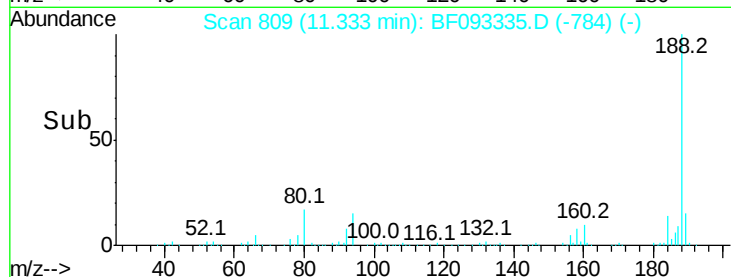
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF093335.D
 Acq: 2 Mar 2017 21:55

Instrument :
 BNA_F
 ClientSampleId :
 PB97297BL

Tot Ion:188 Resp: 552616
 Ion Ratio Lower Upper
 188 100
 94 14.5 10.0 15.0
 80 16.6 11.2 16.8

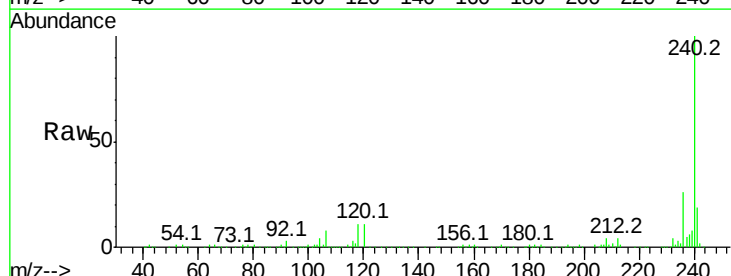


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

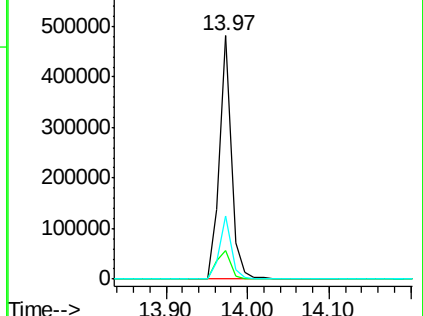
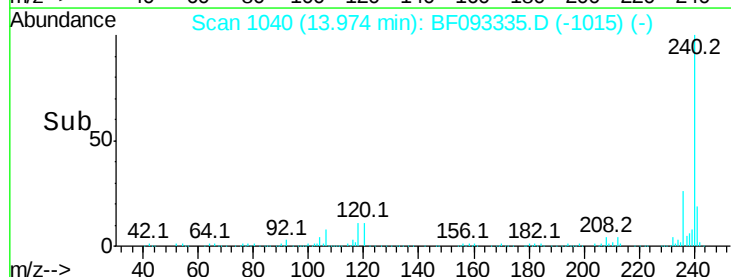


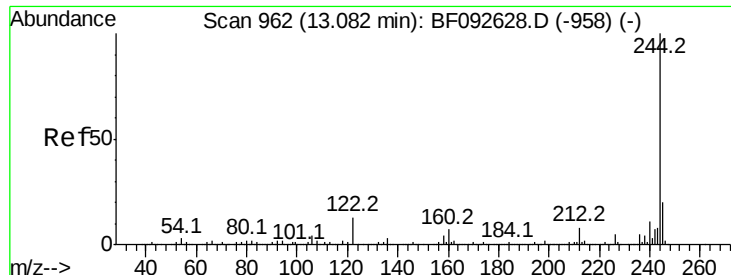
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BF093335.D
 Acq: 2 Mar 2017 21:55

Tgt Ion:240 Resp: 492374
 Ion Ratio Lower Upper
 240 100
 120 11.5 12.9 19.3#
 236 25.7 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: 64.42 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF093335.D

Acq: 2 Mar 2017 21:55

Instrument :

BNA_F

ClientSampleId :

PB97297BL

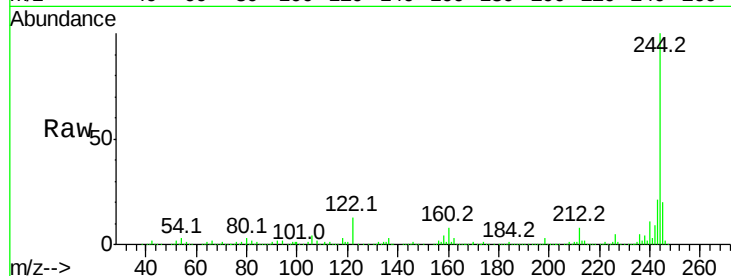
Tot Ion:244 Resp: 1349829

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

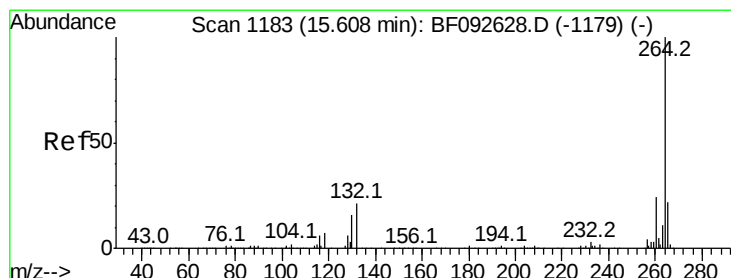
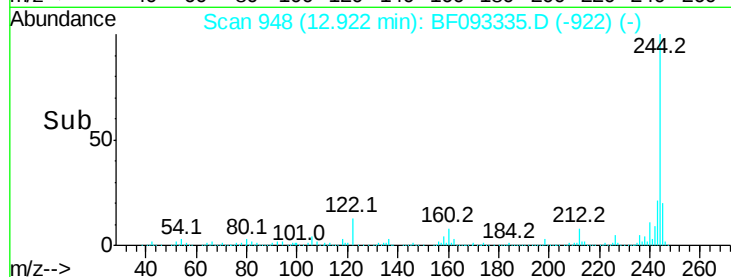
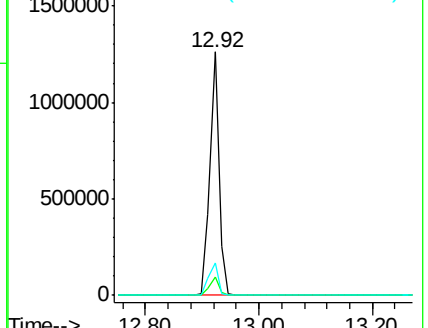
122 13.2 11.4 17.2



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: 15.39 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BF093335.D

Acq: 2 Mar 2017 21:55

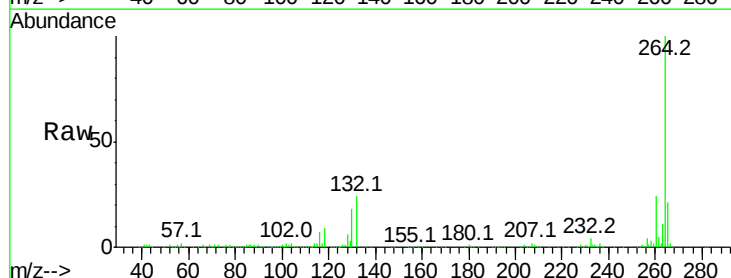
Tgt Ion:264 Resp: 362088

Ion Ratio Lower Upper

264 100

260 23.8 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

