

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022217\
 Data File : BF093086.D
 Acq On : 22 Feb 2017 20:15
 Operator : SJ/MA
 Sample : I1936-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-B55-B63-001

Quant Time: Feb 23 00:27:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	139629	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	571493	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	278559	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	514231	20.00	ng	-0.02
75) Chrysene-d12	13.99	240	435951	20.00	ng	-0.03
86) Perylene-d12	15.41	264	294498	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1109524	136.33	ng	0.00
7) Phenol-d6	6.49	99	1363407	130.20	ng	0.00
23) Nitrobenzene-d5	7.40	82	839438	81.80	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	292574	145.22	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	1499760	97.54	ng	-0.02
78) Terphenyl-d14	12.95	244	1589602	85.68	ng	-0.02

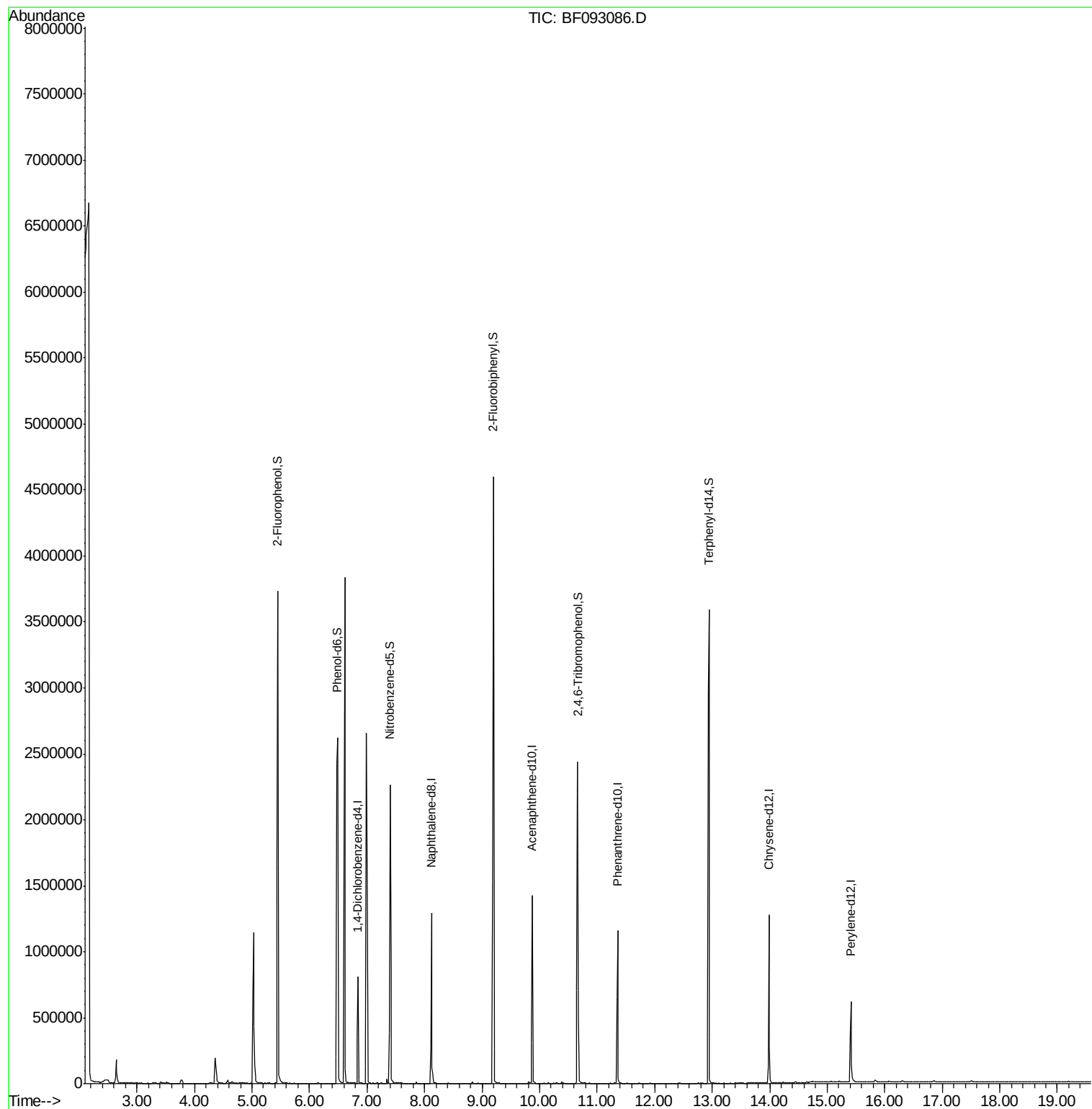
Target Compounds Qvalue

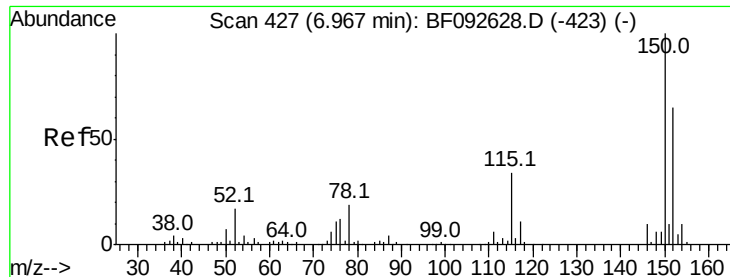
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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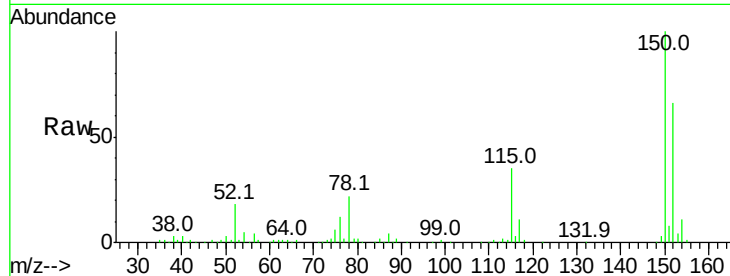


#1

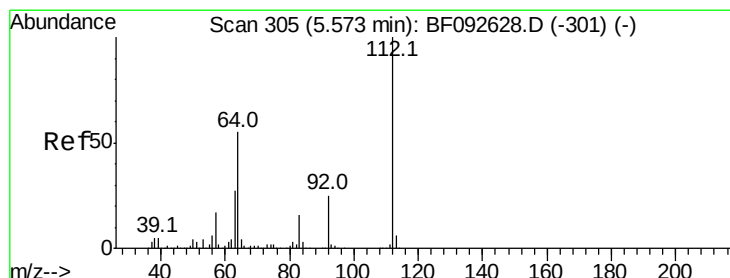
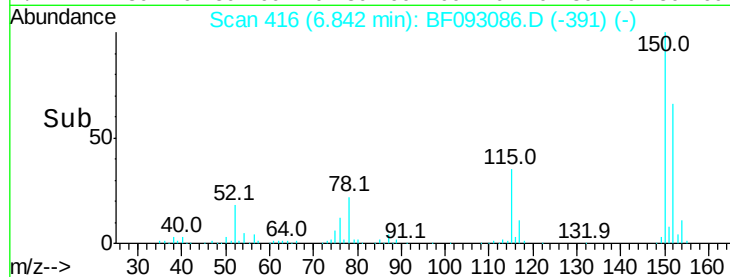
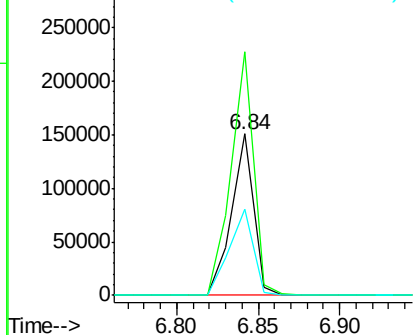
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF093086.D
Acq: 22 Feb 2017 20:15

Instrument :
BNA_F
ClientSampleId :
WC-B55-B63-001

Tot Ion:152 Resp: 139629
Ion Ratio Lower Upper
152 100
150 150.7 124.9 187.3
115 53.0 46.0 69.0



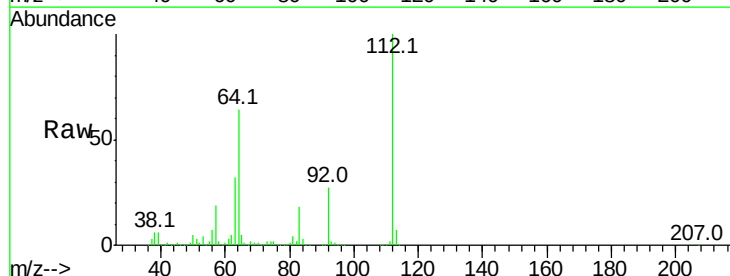
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



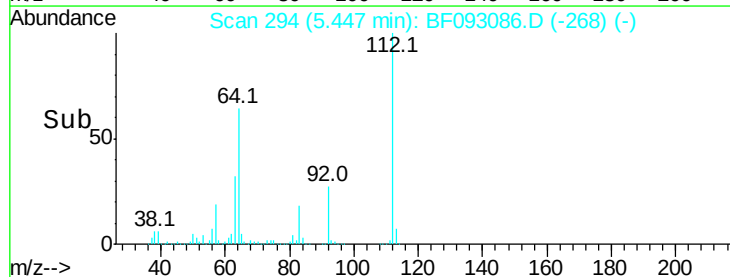
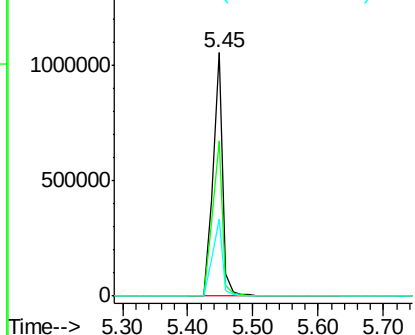
#5

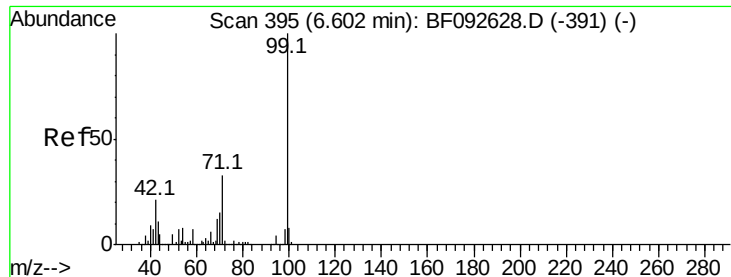
2-Fluorophenol
Concen: 136.33 ng
RT: 5.45 min Scan# 294
Delta R.T. 0.00 min
Lab File: BF093086.D
Acq: 22 Feb 2017 20:15

Tgt Ion:112 Resp: 1109524
Ion Ratio Lower Upper
112 100
64 63.7 46.1 69.1
63 31.6 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: 130.20 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF093086.D

Acq: 22 Feb 2017 20:15

Instrument :

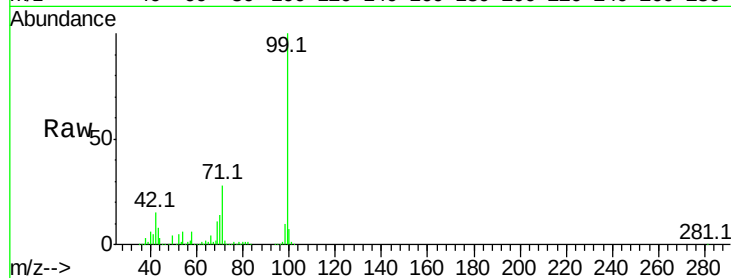
BNA_F

ClientSampleId :

WC-B55-B63-001

Tot Ion: 99 Resp: 1363407

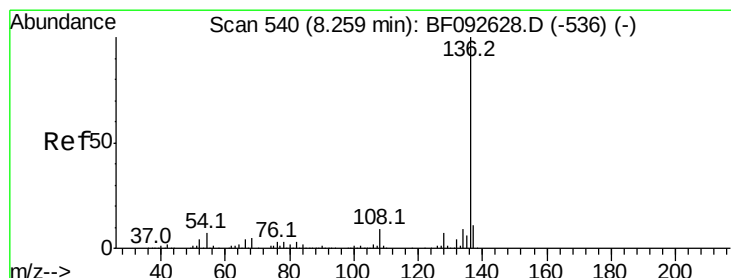
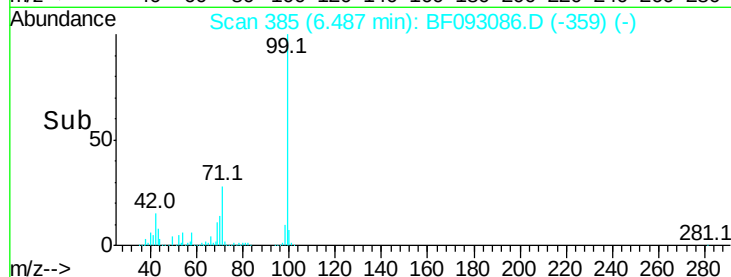
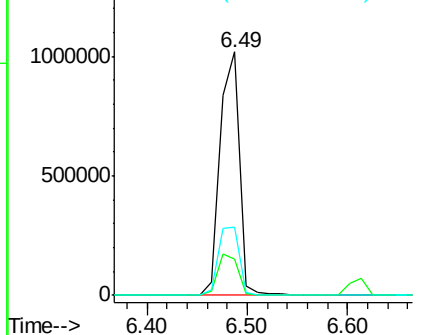
Ion	Ratio	Lower	Upper
99	100		
42	14.8	15.6	23.4#
71	27.9	27.5	41.3



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: 8.12 min Scan# 528

Delta R.T. -0.02 min

Lab File: BF093086.D

Acq: 22 Feb 2017 20:15

Tgt Ion: 136 Resp: 571493

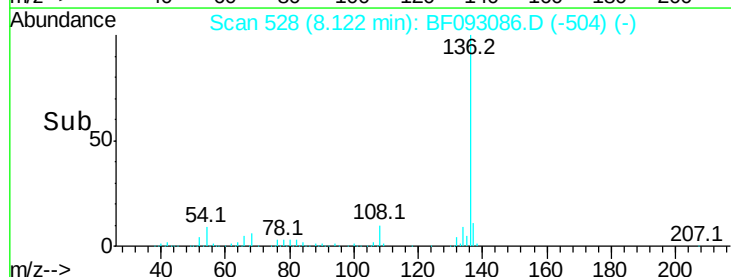
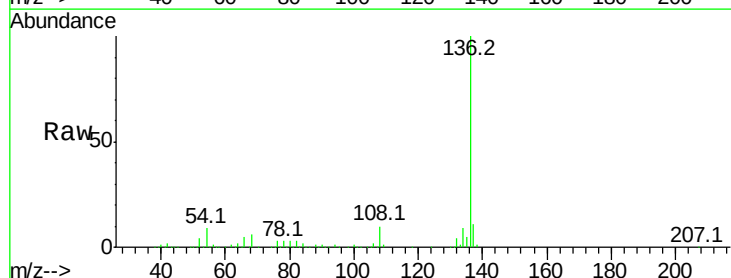
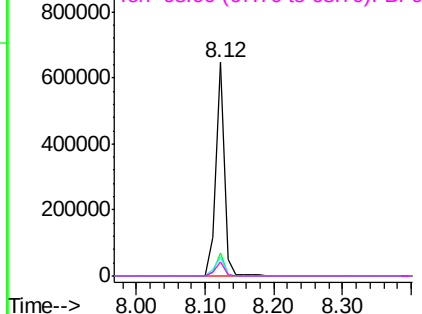
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	9.1	4.5	6.7#
68	6.3	3.6	5.4#

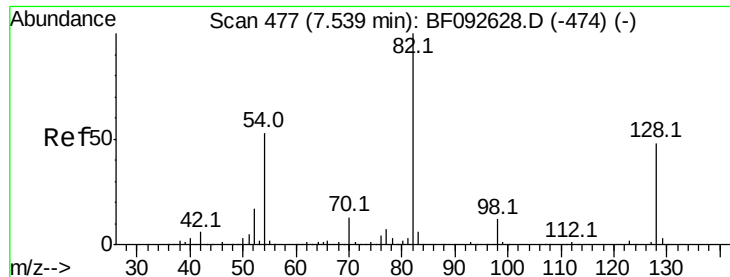
Abundance Ion 136.00 (135.70 to 136.70): E

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

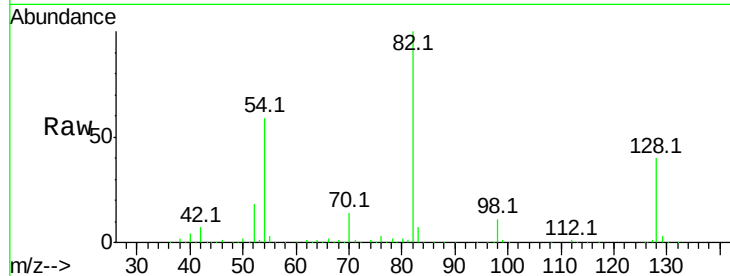




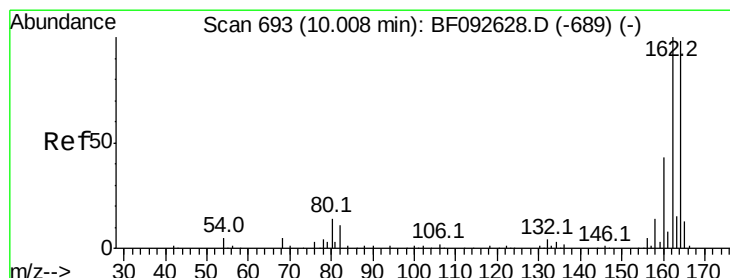
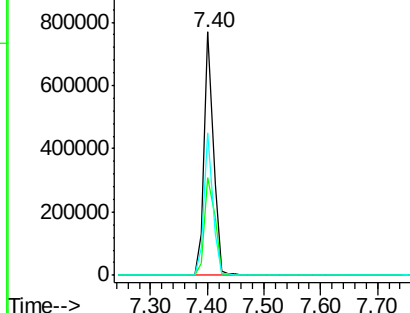
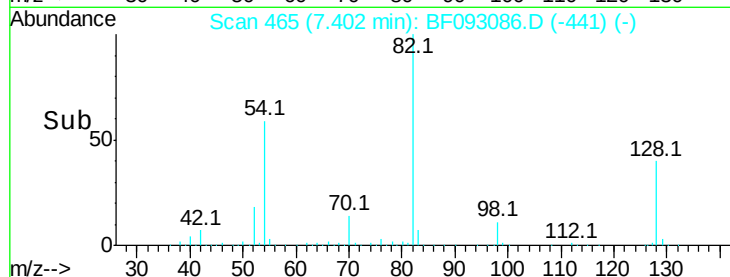
#23
 Nitrobenzene-d5
 Concen: 81.80 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.02 min
 Lab File: BF093086.D
 Acq: 22 Feb 2017 20:15

Instrument :
 BNA_F
 ClientSampleId :
 WC-B55-B63-001

Tot Ion: 82 Resp: 839438
 Ion Ratio Lower Upper
 82 100
 128 40.3 34.6 52.0
 54 58.6 39.5 59.3

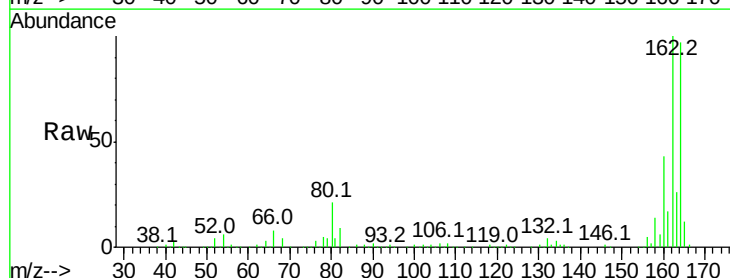


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

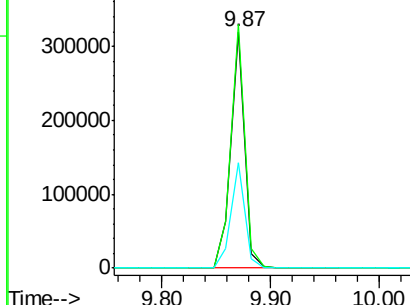
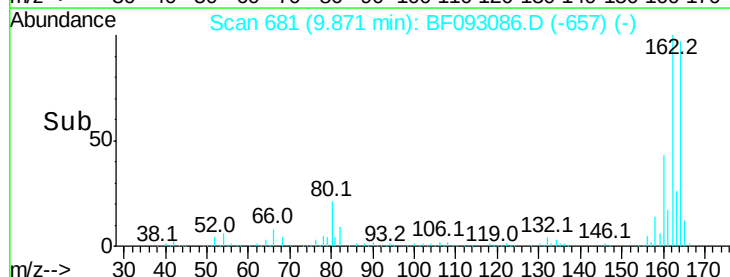


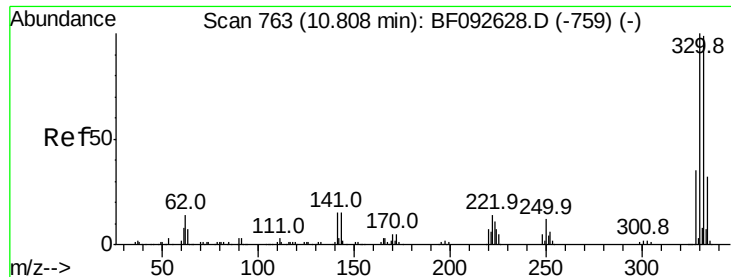
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.02 min
 Lab File: BF093086.D
 Acq: 22 Feb 2017 20:15

Tgt Ion:164 Resp: 278559
 Ion Ratio Lower Upper
 164 100
 162 103.1 80.2 120.2
 160 44.4 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

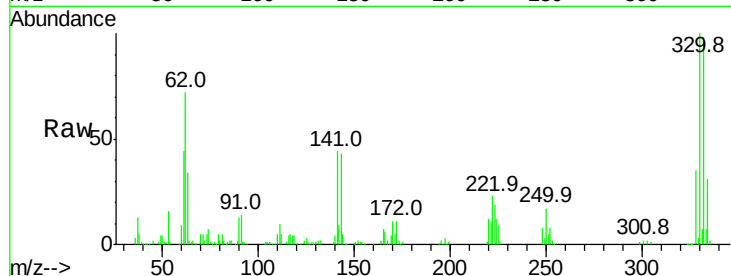




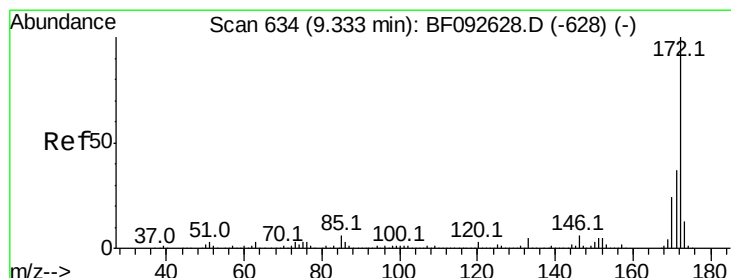
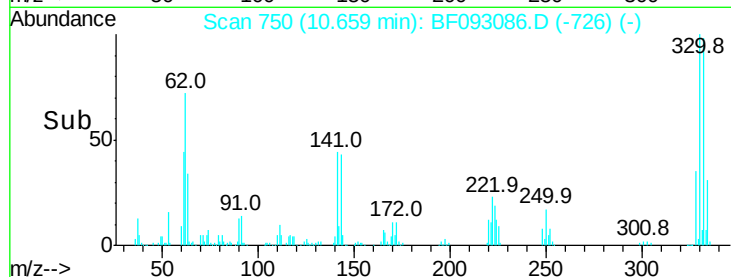
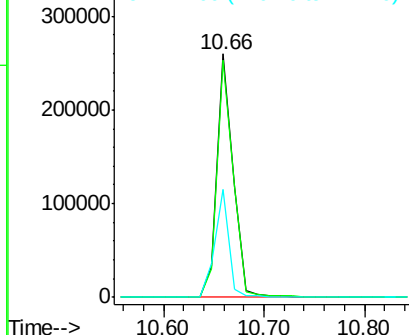
#41
 2,4,6-Tribromophenol
 Concen: 145.22 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.02 min
 Lab File: BF093086.D
 Acq: 22 Feb 2017 20:15

Instrument :
 BNA_F
 ClientSampleId :
 WC-B55-B63-001

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.4	116.2
141	38.9	34.1	51.1

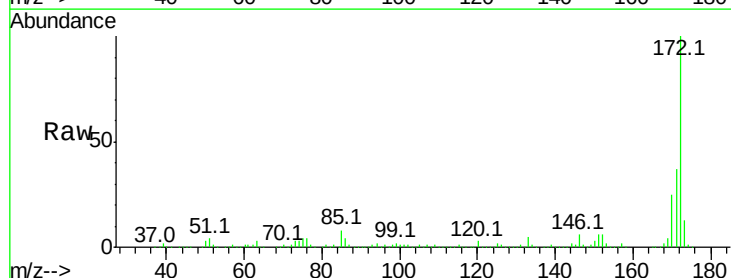


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

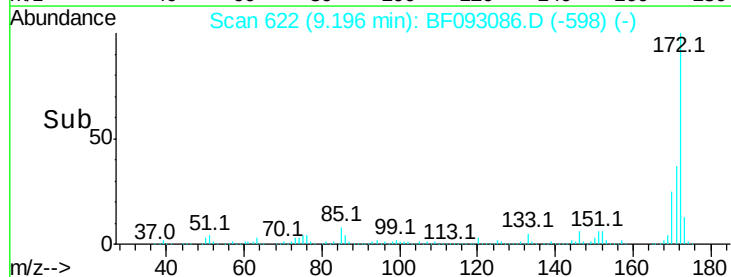
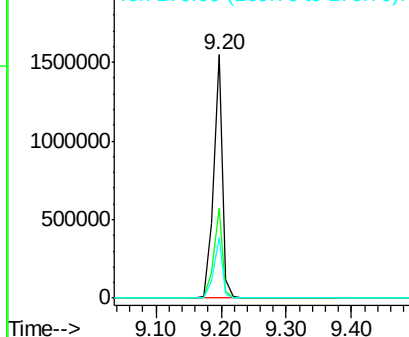


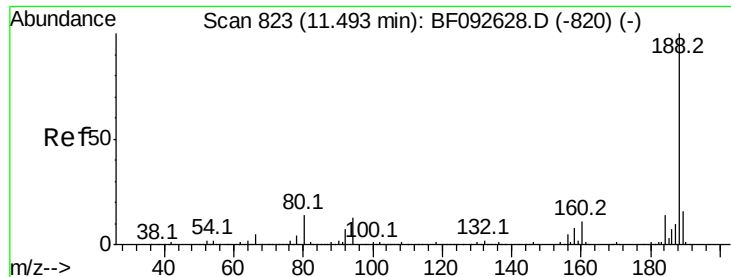
#44
 2-Fluorobiphenyl
 Concen: 97.54 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF093086.D
 Acq: 22 Feb 2017 20:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.0
170	25.0	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

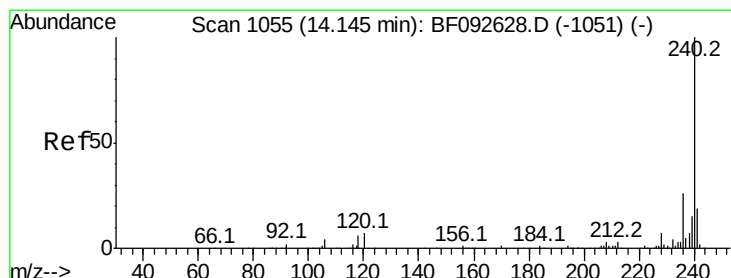
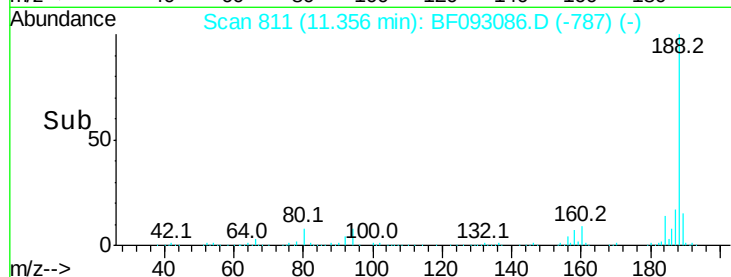
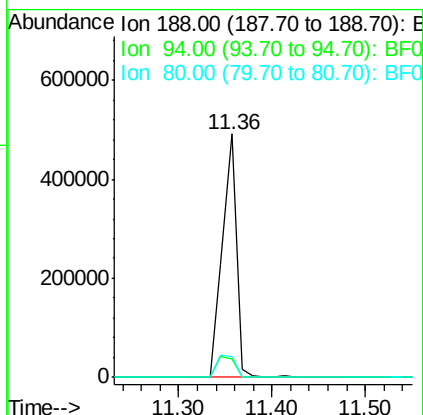
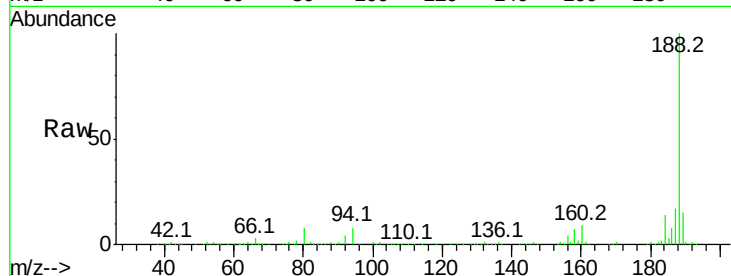




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF093086.D
Acq: 22 Feb 2017 20:15

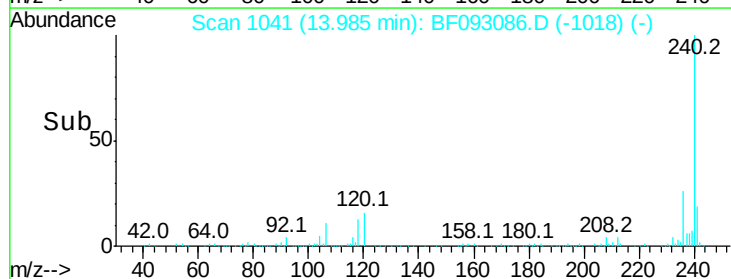
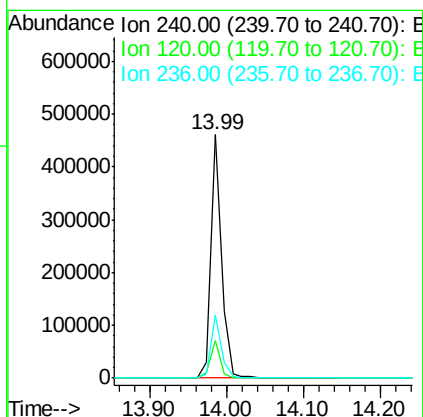
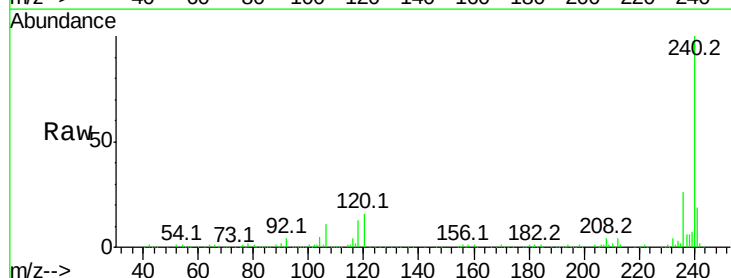
Instrument :
BNA_F
ClientSampleId :
WC-B55-B63-001

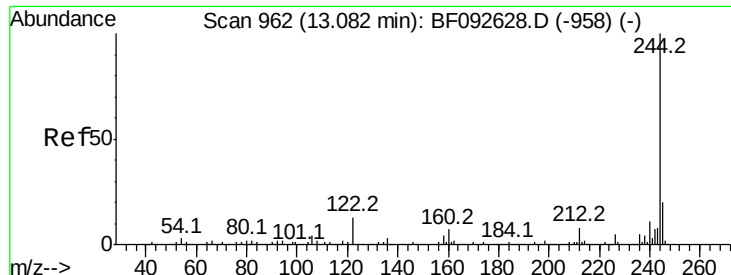
Tot Ion:188 Resp: 514231
Ion Ratio Lower Upper
188 100
94 7.8 10.0 15.0#
80 8.4 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.03 min
Lab File: BF093086.D
Acq: 22 Feb 2017 20:15

Tgt Ion:240 Resp: 435951
Ion Ratio Lower Upper
240 100
120 15.5 12.9 19.3
236 25.9 20.9 31.3





#78

Terphenyl-d14

Concen: 85.68 ng

RT: 12.95 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF093086.D

Acq: 22 Feb 2017 20:15

Instrument :

BNA_F

ClientSampleId :

WC-B55-B63-001

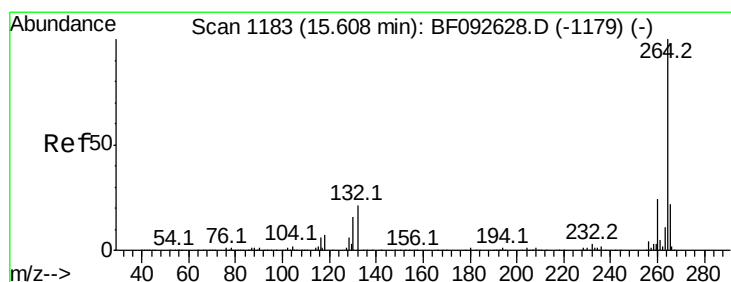
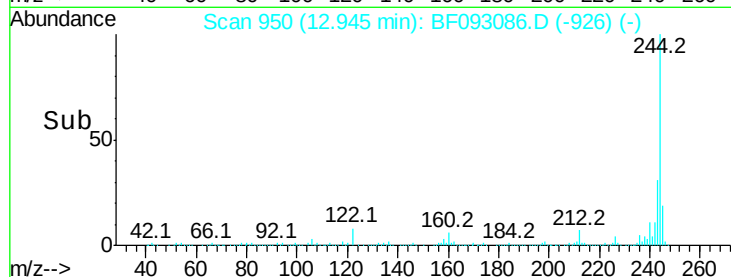
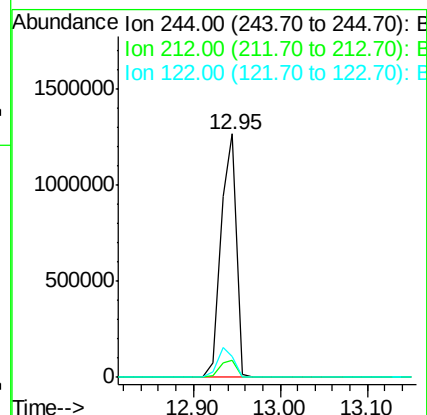
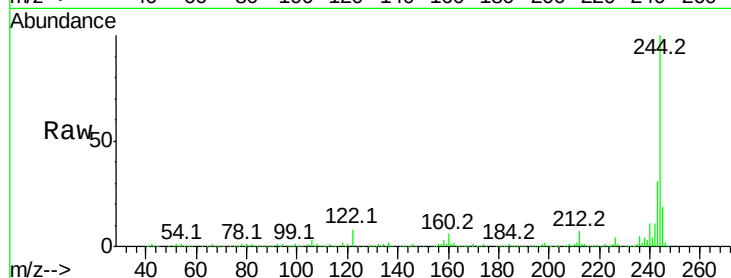
Tot Ion:244 Resp: 1589602

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

122 8.4 11.4 17.2#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.41 min Scan# 1166

Delta R.T. -0.03 min

Lab File: BF093086.D

Acq: 22 Feb 2017 20:15

Tgt Ion:264 Resp: 294498

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 20.8 17.4 26.0

