

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042617\
 Data File : BF094653.D
 Acq On : 26 Apr 2017 18:08
 Operator : SJ/MA
 Sample : I2832-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-RD-(0-3)

Quant Time: Apr 27 04:34:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	116540	20.00	ng	0.00
21) Naphthalene-d8	7.24	136	483926	20.00	ng	-0.02
38) Acenaphthene-d10	9.38	164	234612	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	465688	20.00	ng	-0.02
75) Chrysene-d12	14.45	240	386776	20.00	ng	-0.01
86) Perylene-d12	16.08	264	277176	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.31	112	874608	124.51	ng	0.00
7) Phenol-d6	5.38	99	1017663	122.89	ng	0.00
23) Nitrobenzene-d5	6.41	82	719459	91.80	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	300585	163.80	ng	-0.01
44) 2-Fluorobiphenyl	8.57	172	1374733	86.21	ng	-0.01
78) Terphenyl-d14	13.19	244	1421081	98.21	ng	0.00

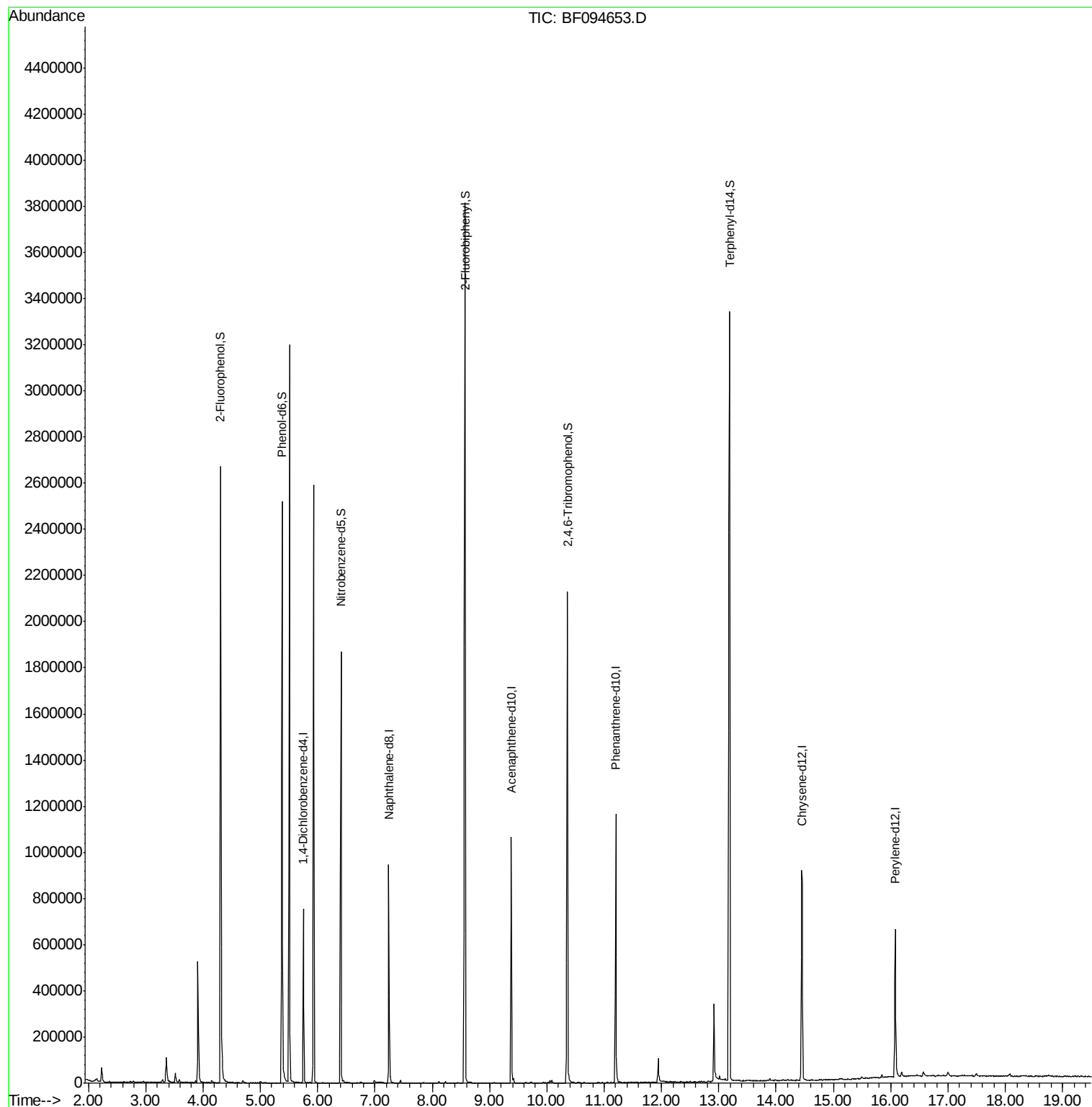
Target Compounds Qvalue

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

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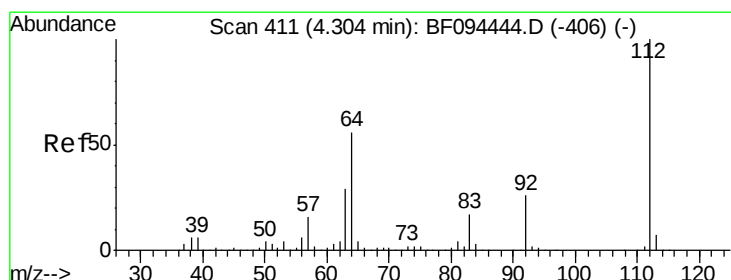
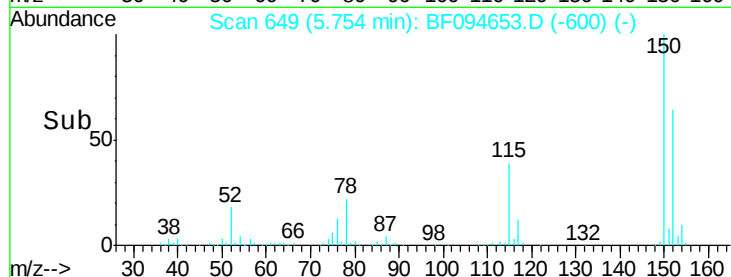
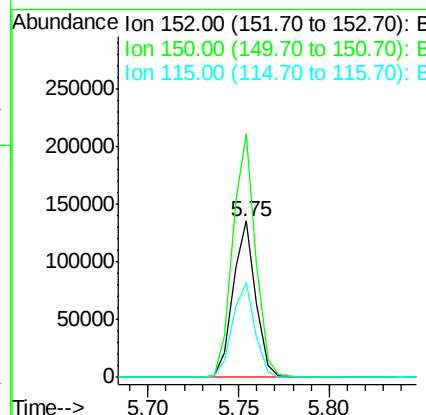
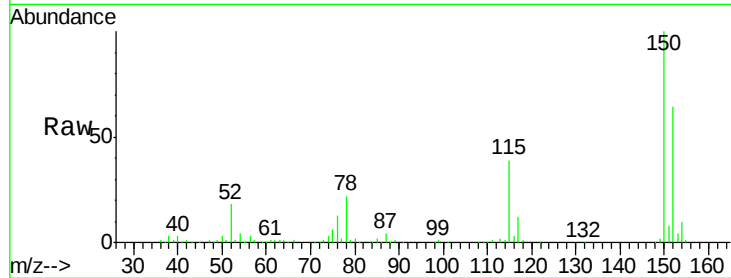


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.75 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF094653.D
Acq: 26 Apr 2017 18:08

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-RD-(0-3)

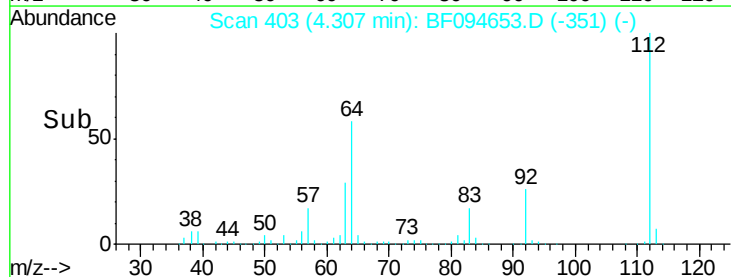
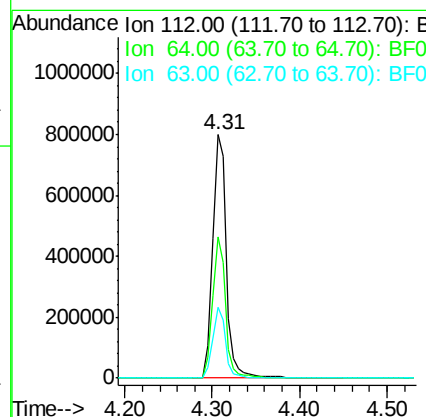
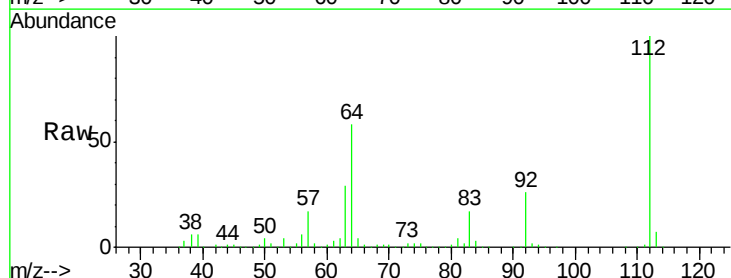
Tot Ion:152 Resp: 116540
Ion Ratio Lower Upper
152 100
150 155.8 126.2 189.2
115 61.1 52.2 78.2

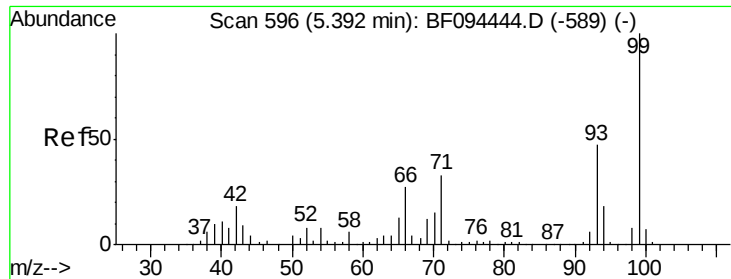


#5

2-Fluorophenol
Concen: 124.51 ng
RT: 4.31 min Scan# 403
Delta R.T. 0.00 min
Lab File: BF094653.D
Acq: 26 Apr 2017 18:08

Tgt Ion:112 Resp: 874608
Ion Ratio Lower Upper
112 100
64 57.8 46.0 69.0
63 29.0 23.4 35.0





#7

Phenol-d6

Concen: 122.89 ng

RT: 5.38 min Scan# 586

Delta R.T. -0.01 min

Lab File: BF094653.D

Acq: 26 Apr 2017 18:08

Instrument :

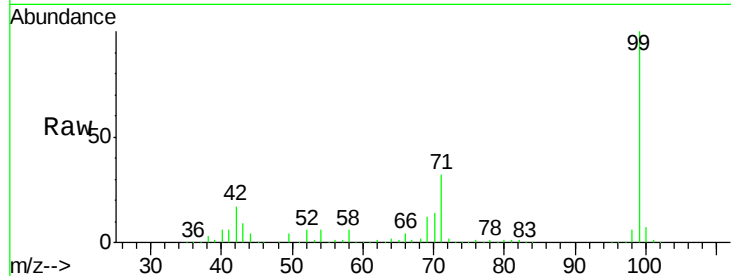
BNA_F

ClientSampleId :

TEST-PIT-RD-(0-3)

Tot Ion: 99 Resp: 1017663

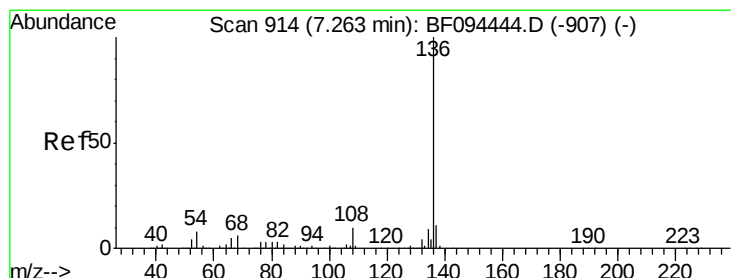
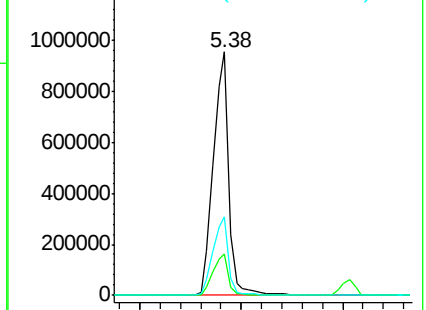
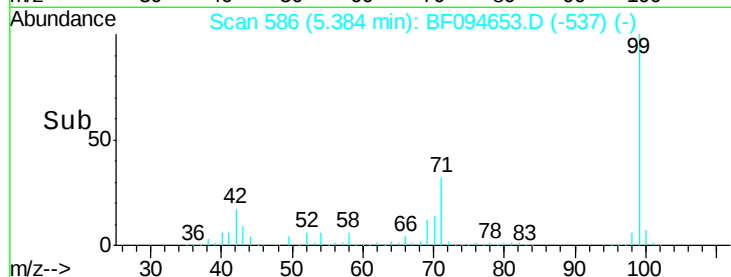
Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.5	20.3
71	32.4	24.5	36.7



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: 7.24 min Scan# 902

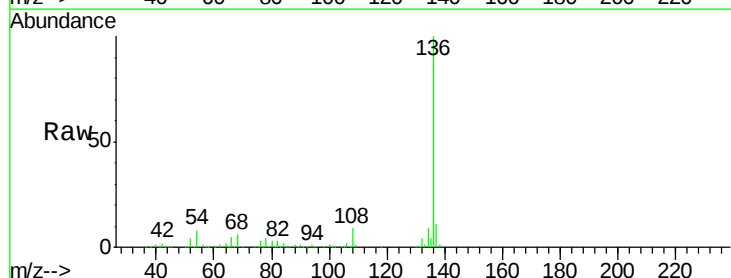
Delta R.T. -0.02 min

Lab File: BF094653.D

Acq: 26 Apr 2017 18:08

Tgt Ion: 136 Resp: 483926

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	7.8	4.9	7.3#
68	6.0	4.1	6.1

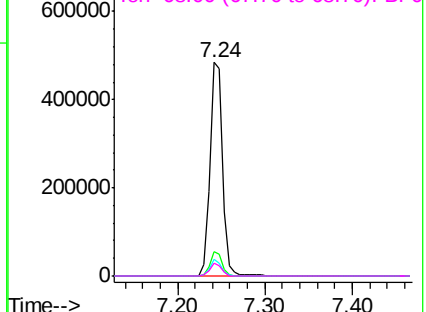
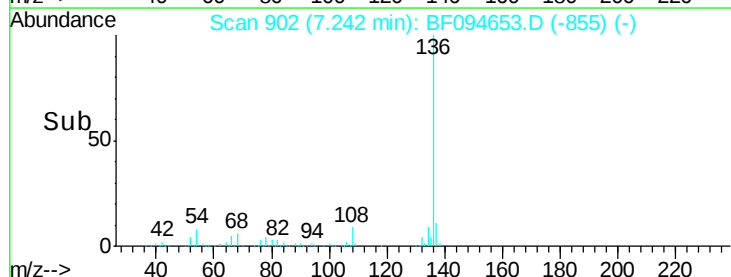


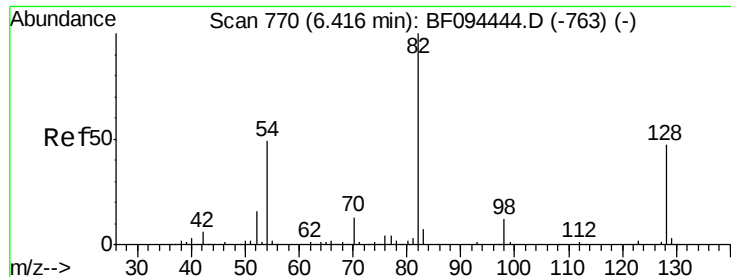
Abundance Ion 136.00 (135.70 to 136.70): E

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

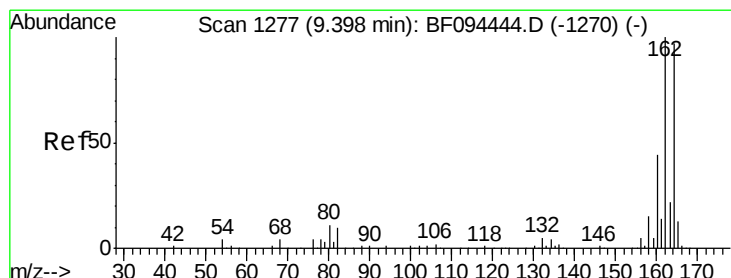
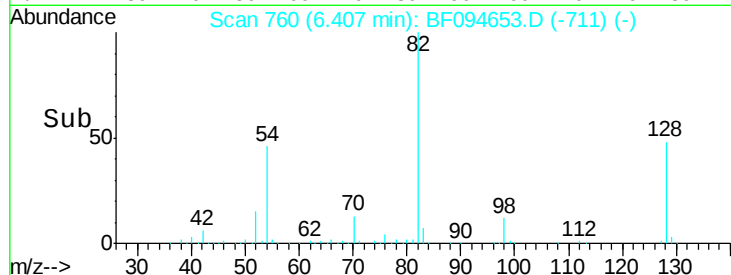
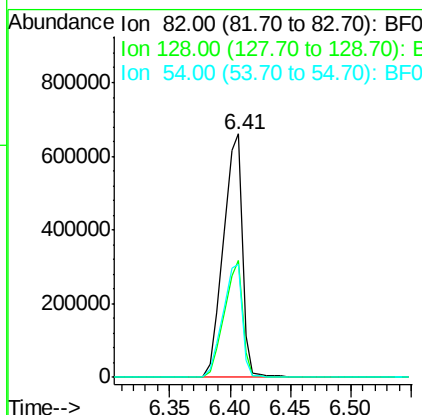
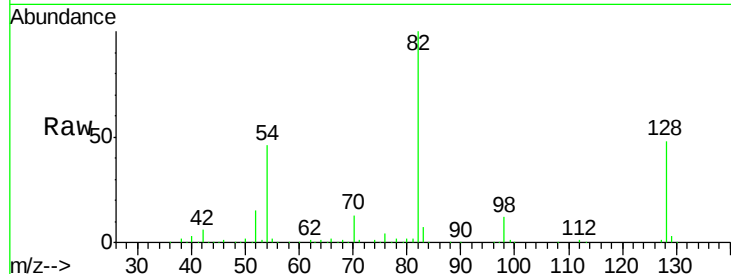




#23
 Nitrobenzene-d5
 Concen: 91.80 ng
 RT: 6.41 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF094653.D
 Acq: 26 Apr 2017 18:08

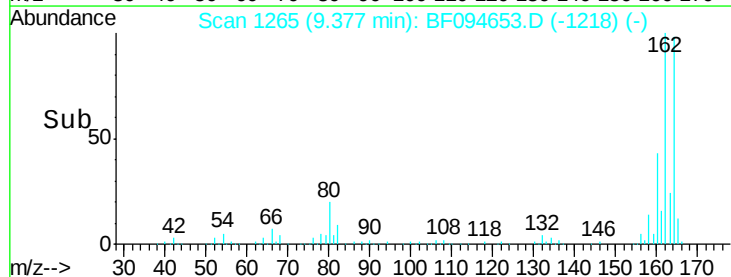
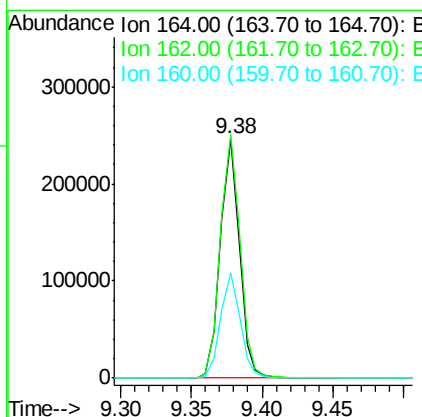
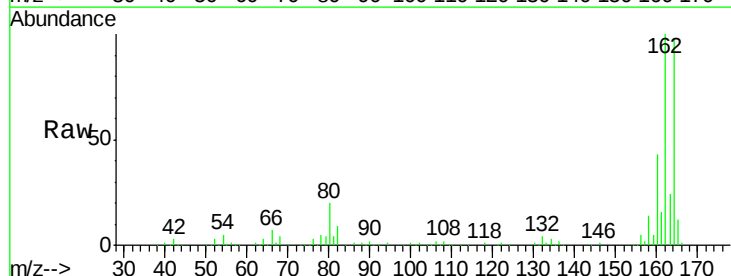
Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-RD-(0-3)

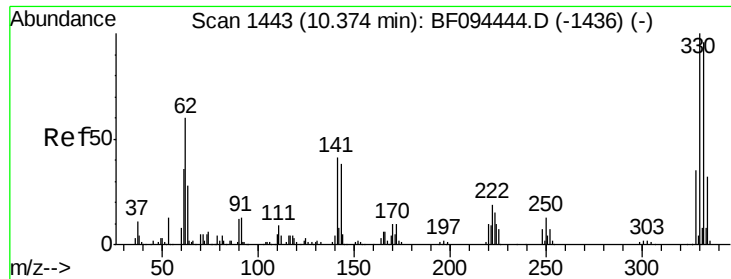
Tot Ion	82	Resp	719459
Ion Ratio	Lower	Upper	
82	100		
128	48.0	34.0	51.0
54	46.4	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 1265
 Delta R.T. -0.02 min
 Lab File: BF094653.D
 Acq: 26 Apr 2017 18:08

Tgt Ion	164	Resp	234612
Ion Ratio	Lower	Upper	
164	100		
162	101.9	82.6	123.8
160	44.3	36.2	54.2

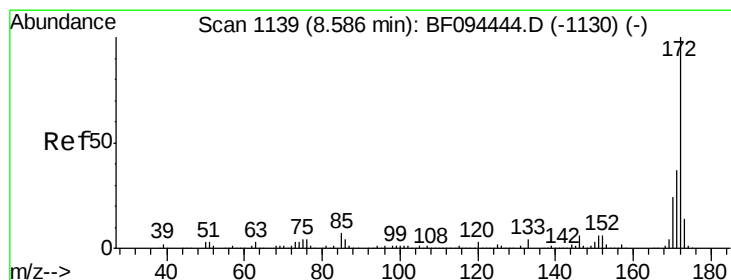
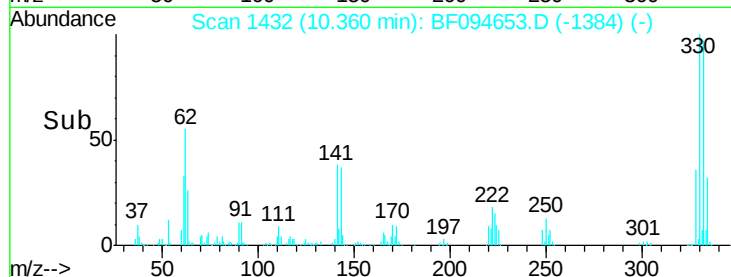
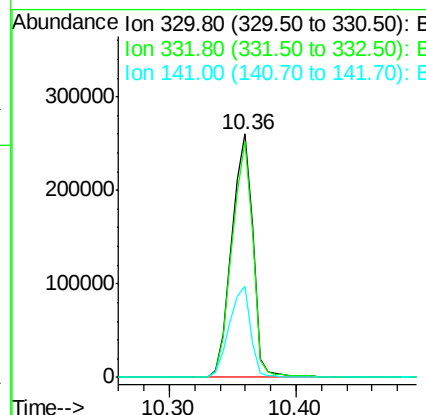
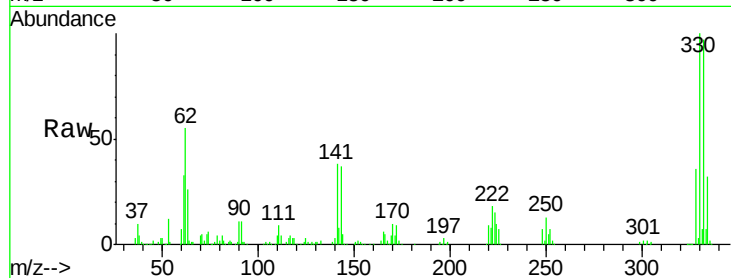




#41
 2,4,6-Tribromophenol
 Concen: 163.80 ng
 RT: 10.36 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF094653.D
 Acq: 26 Apr 2017 18:08

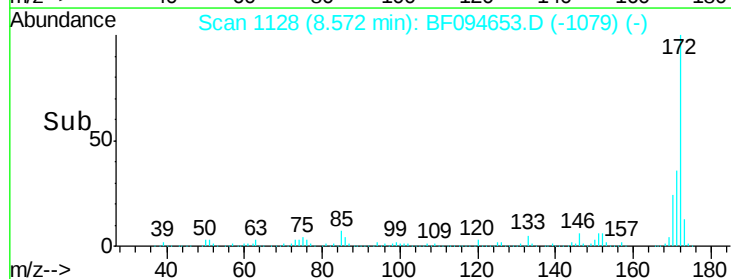
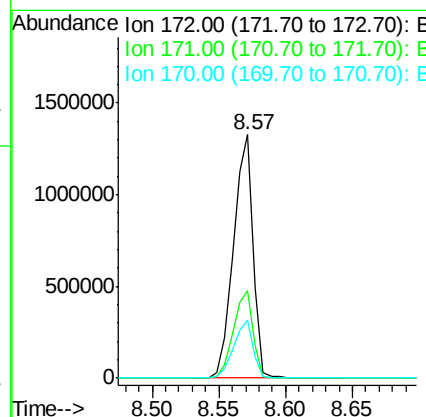
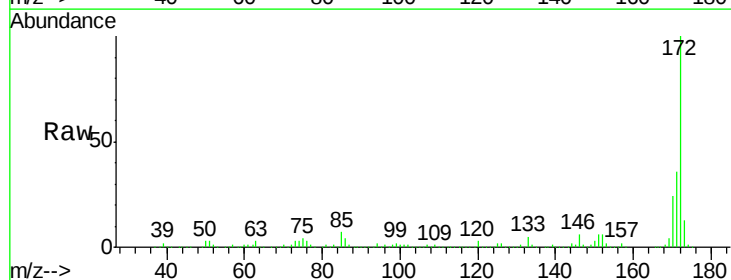
Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-RD-(0-3)

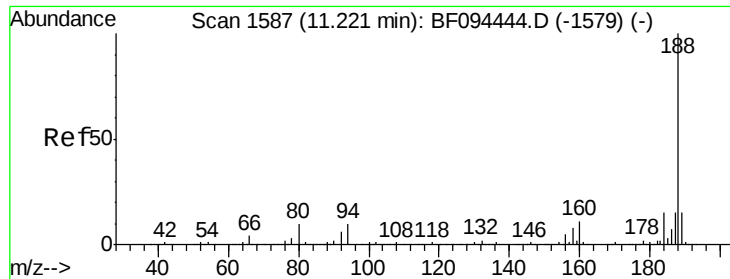
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.6	115.0
141	38.3	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 86.21 ng
 RT: 8.57 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF094653.D
 Acq: 26 Apr 2017 18:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.0	19.8	29.8

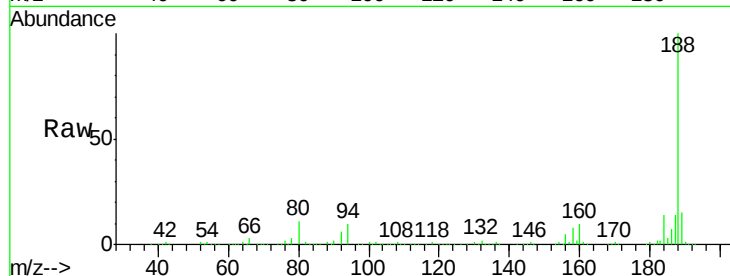




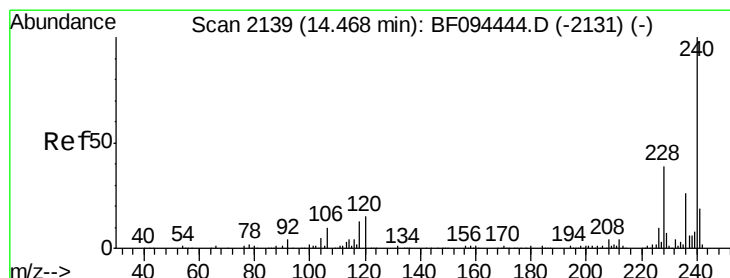
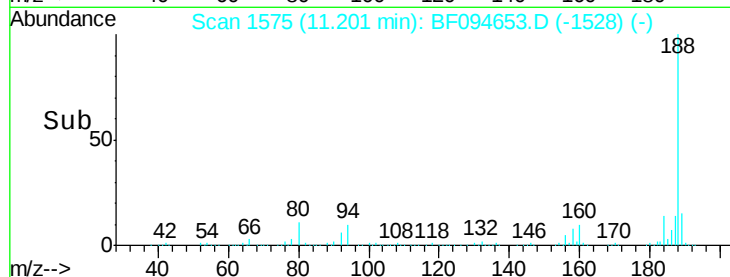
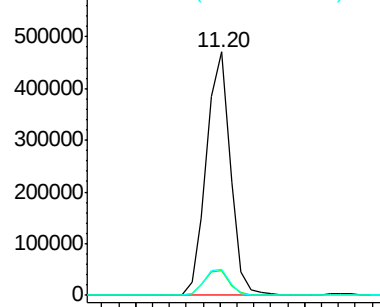
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 1575
 Delta R.T. -0.02 min
 Lab File: BF094653.D
 Acq: 26 Apr 2017 18:08

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-RD-(0-3)

Tot Ion:188 Resp: 465688
 Ion Ratio Lower Upper
 188 100
 94 10.1 9.4 14.2
 80 10.6 10.2 15.2

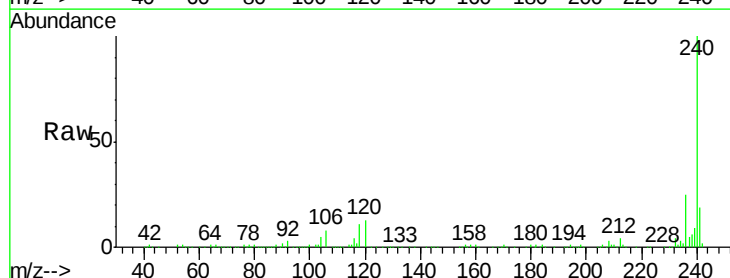


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

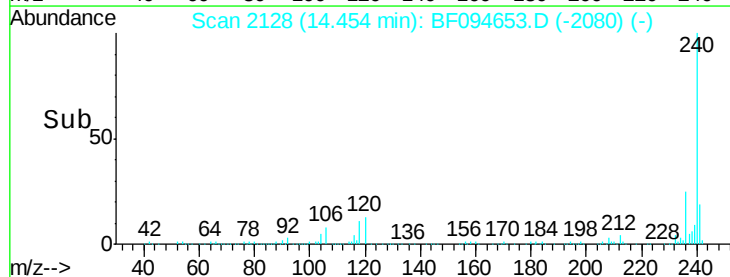
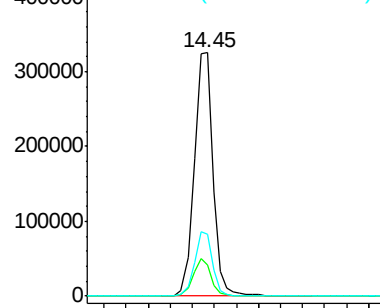


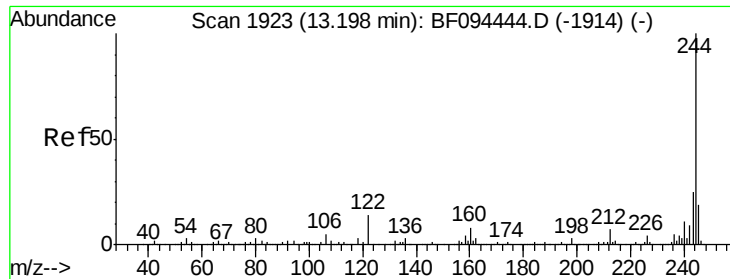
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.45 min Scan# 2128
 Delta R.T. -0.01 min
 Lab File: BF094653.D
 Acq: 26 Apr 2017 18:08

Tgt Ion:240 Resp: 386776
 Ion Ratio Lower Upper
 240 100
 120 12.7 5.8 8.8#
 236 25.3 20.5 30.7



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: 98.21 ng

RT: 13.19 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BF094653.D

Acq: 26 Apr 2017 18:08

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-RD-(0-3)

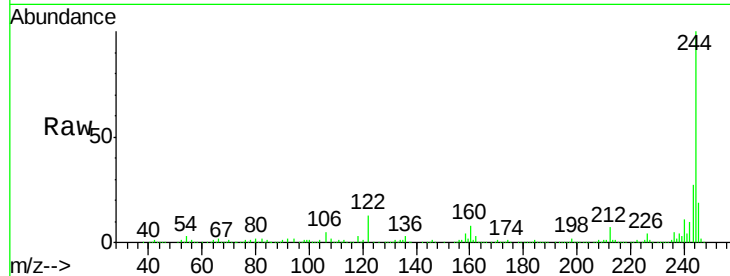
Tot Ion:244 Resp: 1421081

Ion Ratio Lower Upper

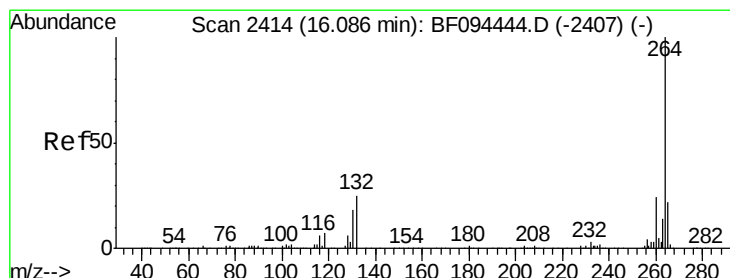
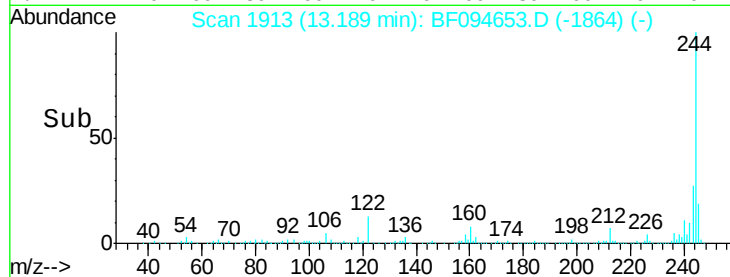
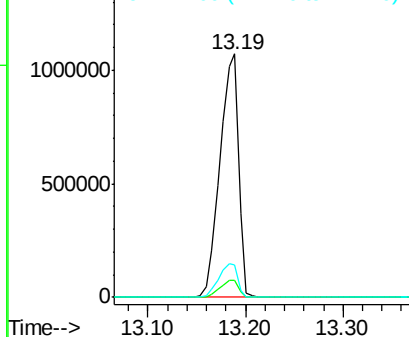
244 100

212 7.0 6.0 9.0

122 13.1 10.3 15.5



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: 16.08 min Scan# 2404

Delta R.T. -0.01 min

Lab File: BF094653.D

Acq: 26 Apr 2017 18:08

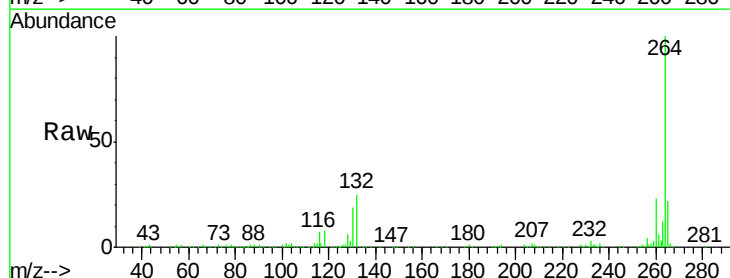
Tgt Ion:264 Resp: 277176

Ion Ratio Lower Upper

264 100

260 23.0 19.5 29.3

265 21.8 17.2 25.8



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

