

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\
 Data File : BF091644.D
 Acq On : 15 Dec 2016 22:32
 Operator : UM/SJ
 Sample : H5940-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS07-1FT

Quant Time: Dec 16 01:20:14 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 00:35:41 2016
 Response via : Initial Calibration

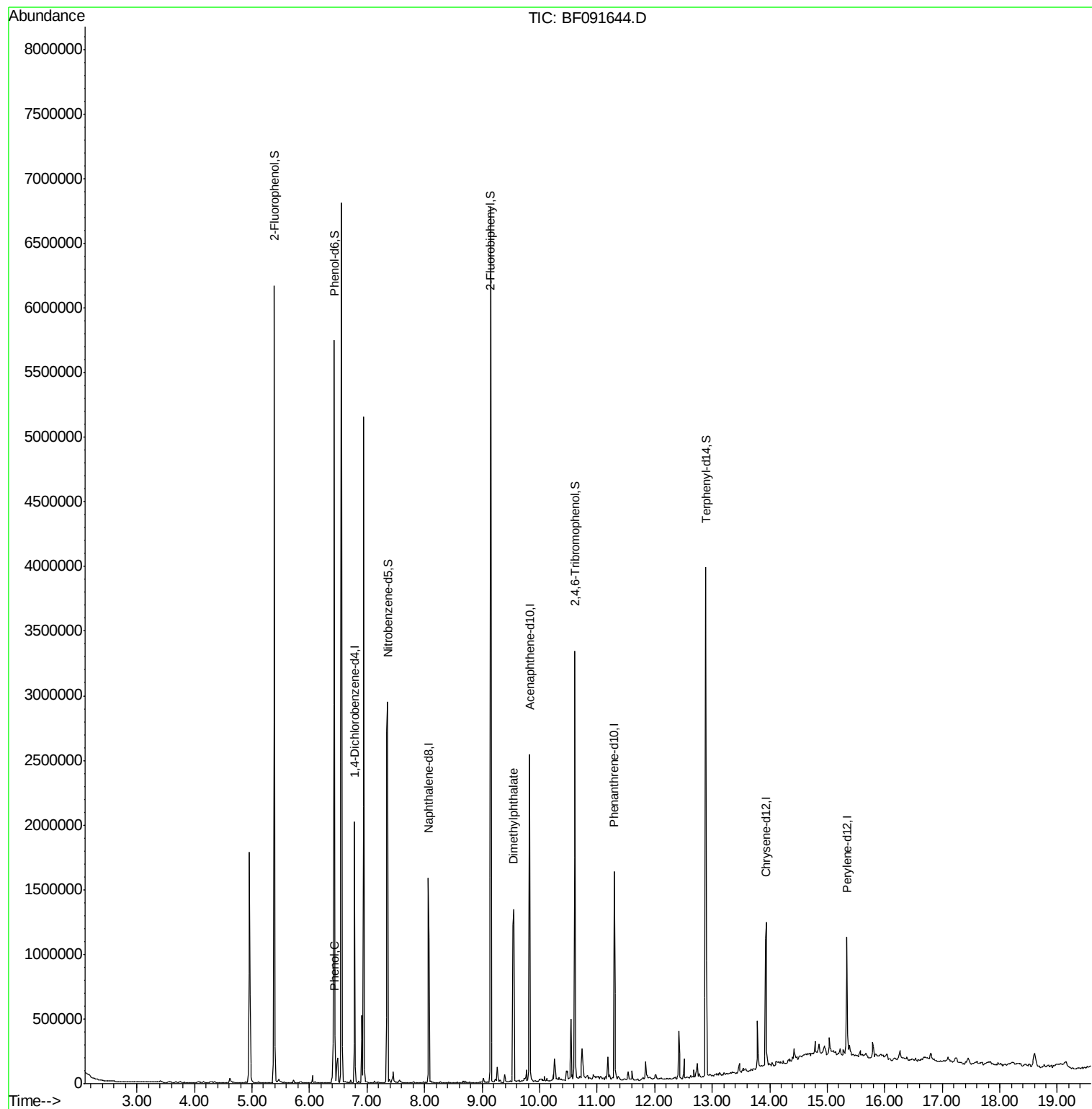
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	276796	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	957043	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	520902	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	631208	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	529784	20.00	ng	0.00
86) Perylene-d12	15.35	264	457285	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1759511	107.09	ng	0.01
7) Phenol-d6	6.43	99	2106788	102.86	ng	0.00
23) Nitrobenzene-d5	7.36	82	1501851	87.58	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	429327	99.23	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1924372	63.83	ng	0.00
78) Terphenyl-d14	12.89	244	1221806	52.33	ng	-0.01
Target Compounds						
10) Phenol	6.44	94	58054	2.42	ng	81
49) Dimethylphthalate	9.55	163	833198	25.26	ng	100

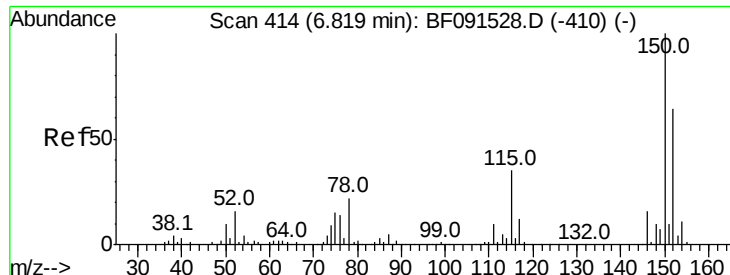
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF091644.D

Acq: 15 Dec 2016 22:32

Instrument :

BNA_F

ClientSampleId :

SS07-1FT

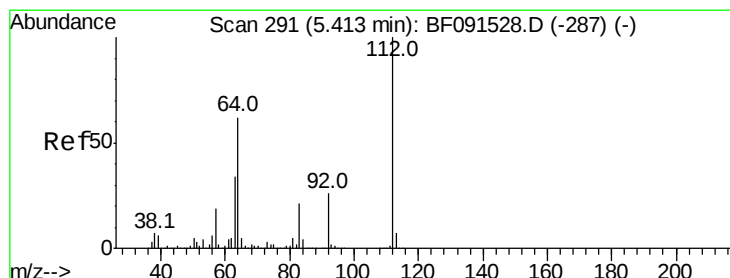
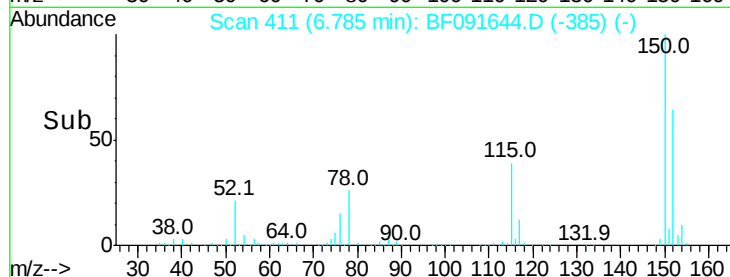
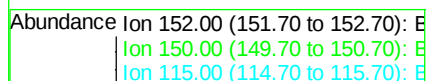
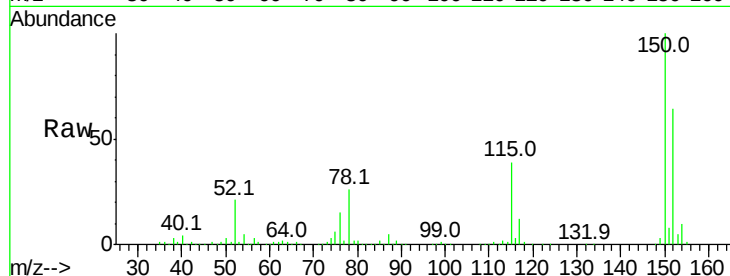
Tot Ion:152 Resp: 276796

Ion Ratio Lower Upper

152 100

150 156.6 122.5 183.7

115 61.7 51.8 77.8



#5

2-Fluorophenol

Concen: 107.09 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF091644.D

Acq: 15 Dec 2016 22:32

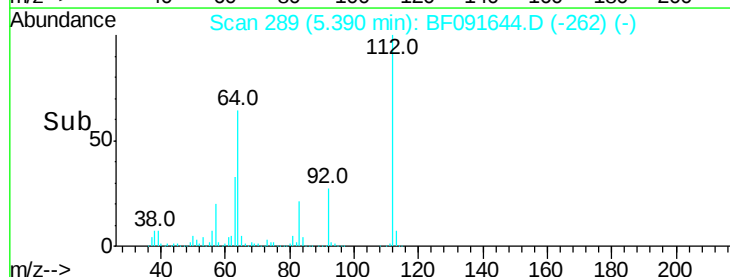
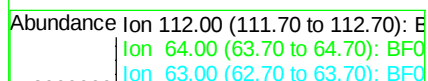
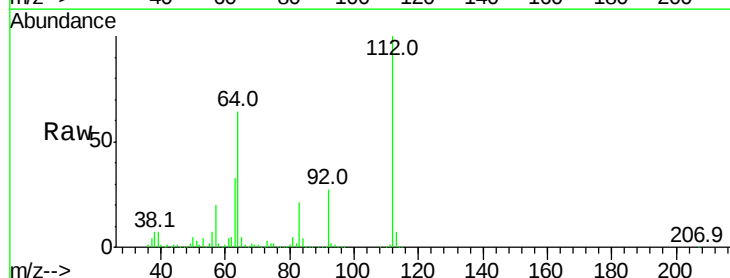
Tgt Ion:112 Resp: 1759511

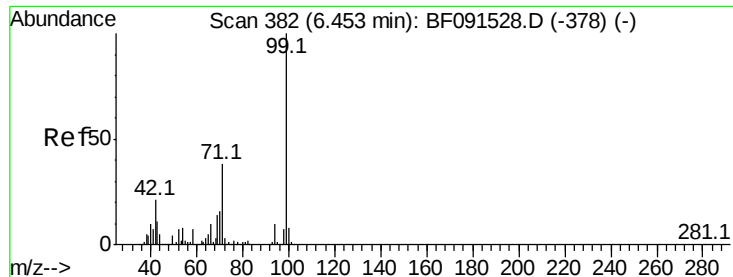
Ion Ratio Lower Upper

112 100

64 63.7 61.5 92.3

63 33.4 33.3 49.9





#7

Phenol-d6

Concen: 102.86 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF091644.D

Acq: 15 Dec 2016 22:32

Instrument :

BNA_F

ClientSampleId :

SS07-1FT

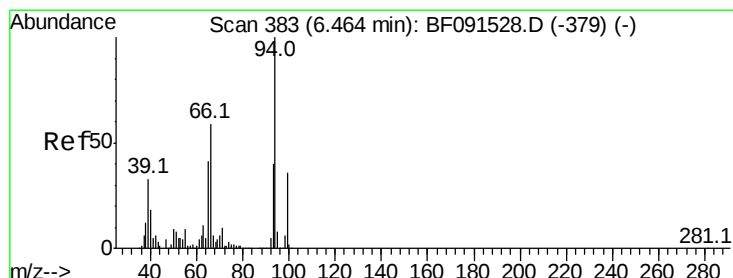
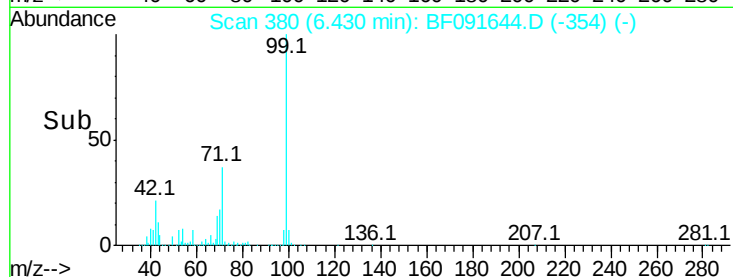
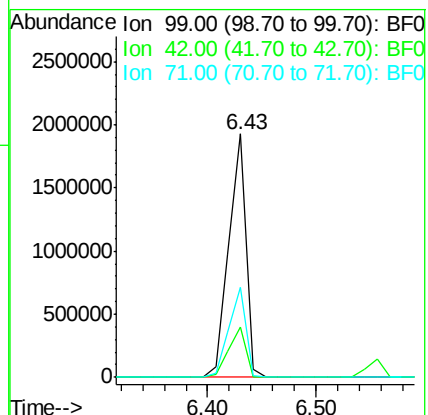
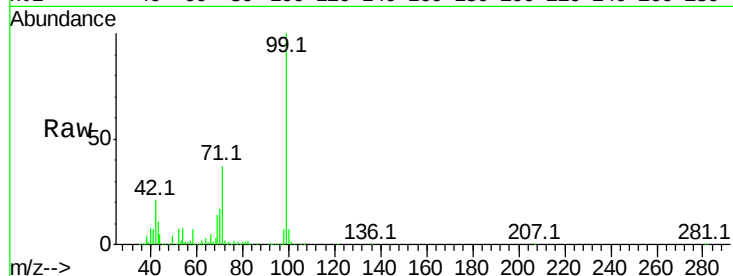
Tot Ion: 99 Resp: 2106788

Ion Ratio Lower Upper

99 100

42 20.8 20.6 31.0

71 37.0 29.9 44.9



#10

Phenol

Concen: 2.42 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF091644.D

Acq: 15 Dec 2016 22:32

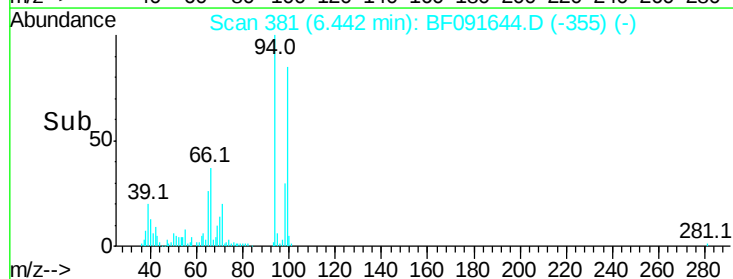
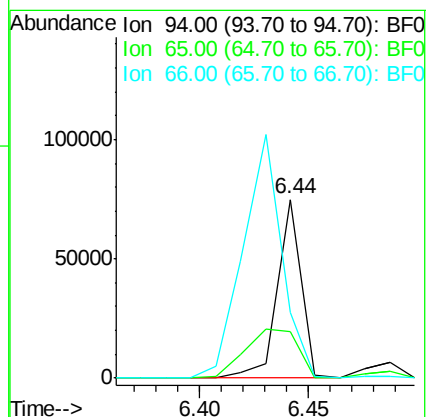
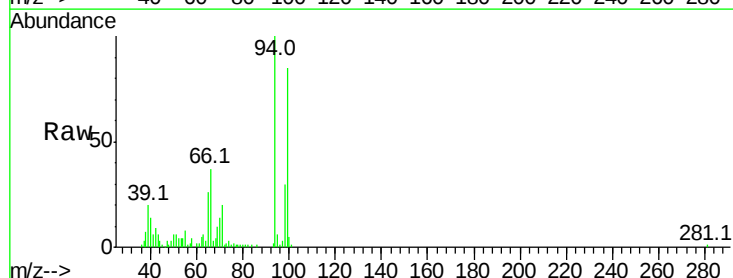
Tgt Ion: 94 Resp: 58054

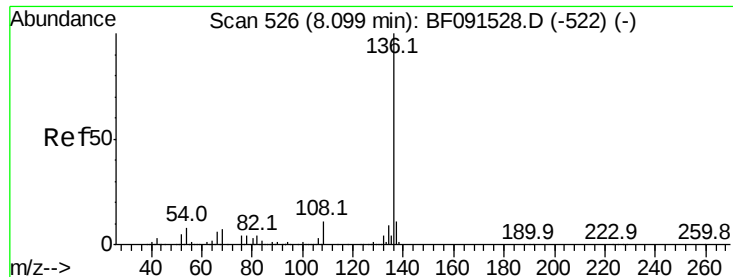
Ion Ratio Lower Upper

94 100

65 26.4 16.9 56.9

66 36.7 30.6 70.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF091644.D

Acq: 15 Dec 2016 22:32

Instrument :

BNA_F

ClientSampleId :

SS07-1FT

Tot Ion:136 Resp: 957043

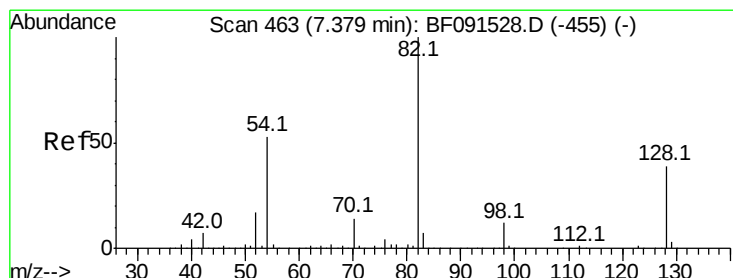
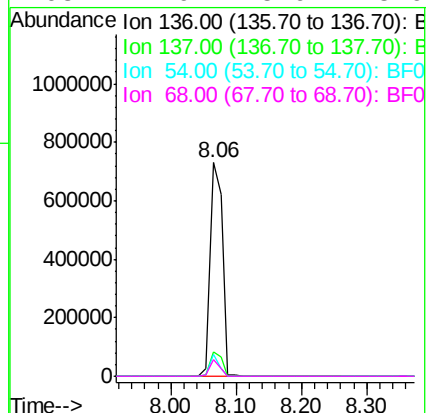
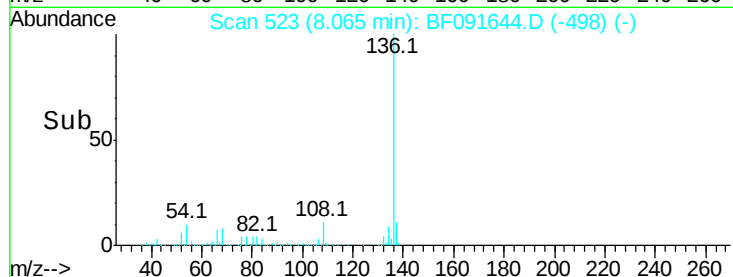
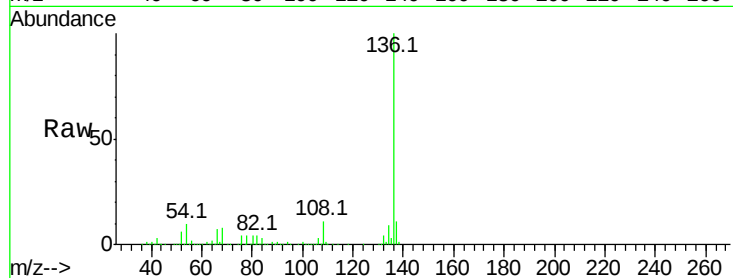
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 10.4 9.1 13.7

68 7.9 5.9 8.9



#23

Nitrobenzene-d5

Concen: 87.58 ng

RT: 7.36 min Scan# 461

Delta R.T. 0.00 min

Lab File: BF091644.D

Acq: 15 Dec 2016 22:32

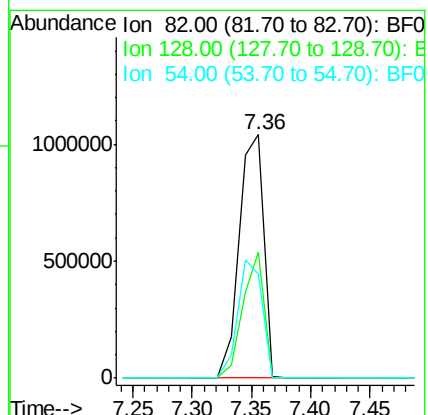
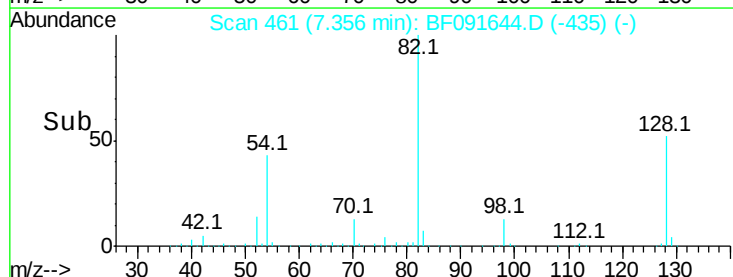
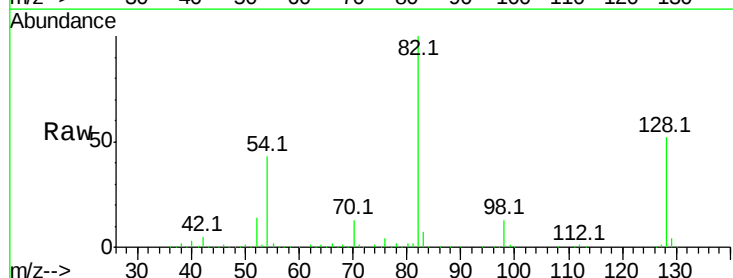
Tgt Ion: 82 Resp: 1501851

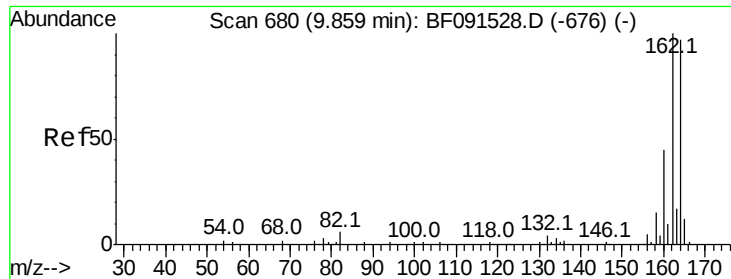
Ion Ratio Lower Upper

82 100

128 51.8 31.8 47.6#

54 42.9 49.1 73.7#

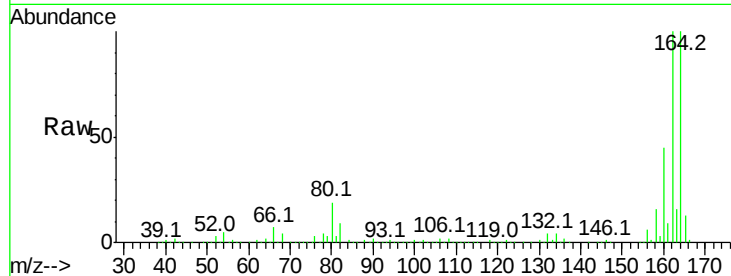




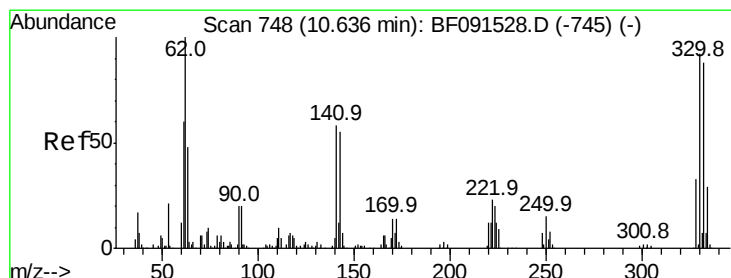
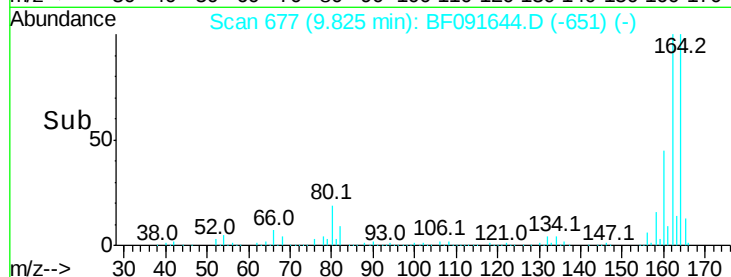
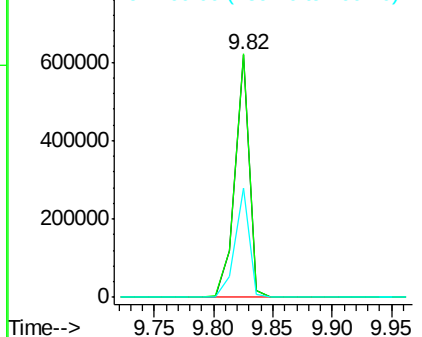
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF091644.D
Acq: 15 Dec 2016 22:32

Instrument :
BNA_F
ClientSampleId :
SS07-1FT

Tot Ion:164 Resp: 520902
Ion Ratio Lower Upper
164 100
162 100.2 82.6 124.0
160 45.0 36.7 55.1

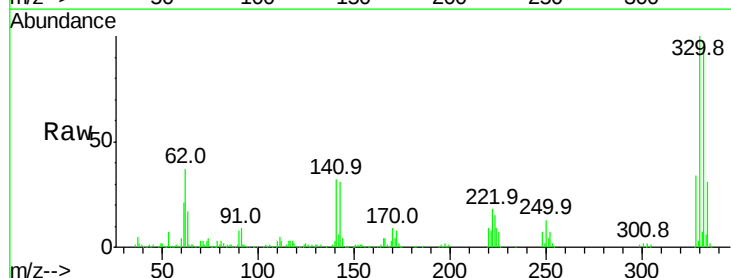


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

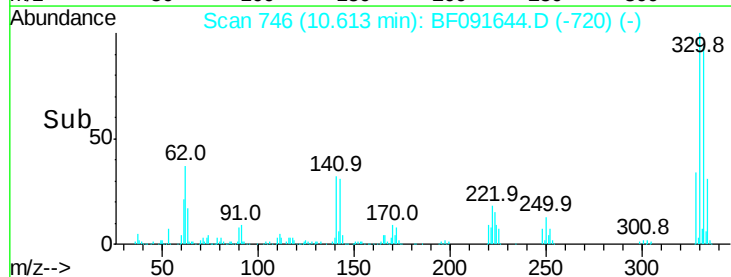
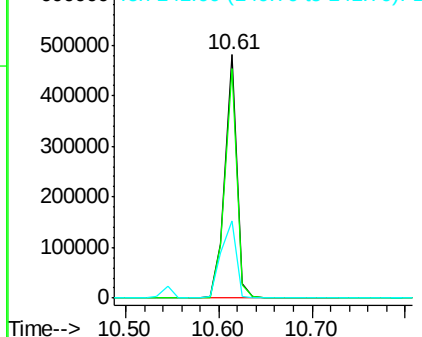


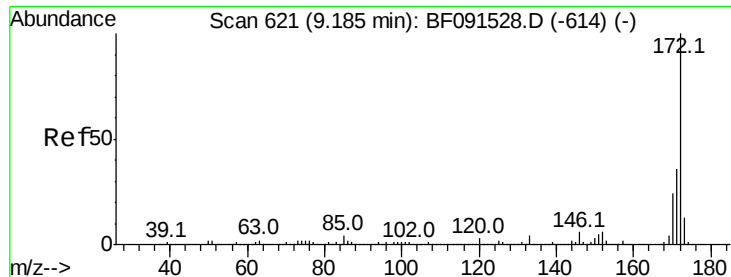
#41
2,4,6-Tribromophenol
Concen: 99.23 ng
RT: 10.61 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF091644.D
Acq: 15 Dec 2016 22:32

Tgt Ion:330 Resp: 429327
Ion Ratio Lower Upper
330 100
332 95.1 76.2 114.4
141 39.9 33.6 50.4



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



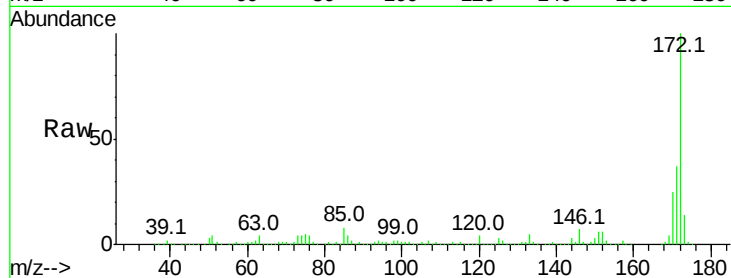


#44
 2-Fluorobiphenyl
 Concen: 63.83 ng
 RT: 9.15 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF091644.D
 Acq: 15 Dec 2016 22:32

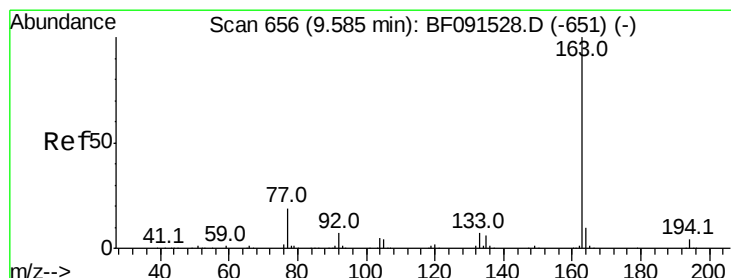
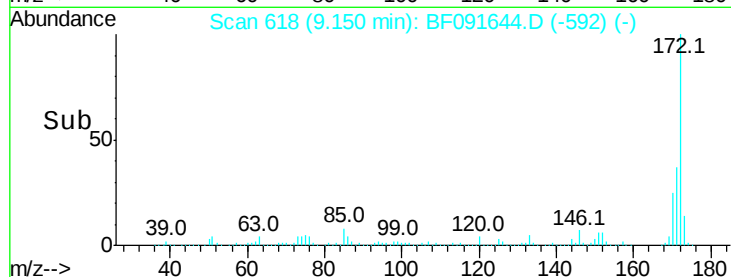
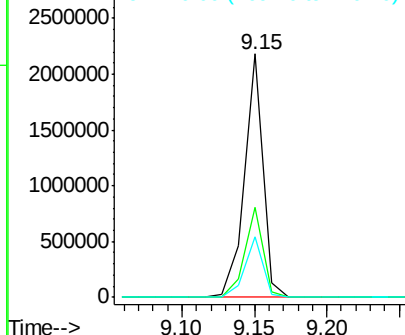
Instrument :
 BNA_F
 ClientSampled :
 SS07-1FT

Tot Ion:172 Resp: 1924372

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.4	44.0
170	25.0	19.7	29.5



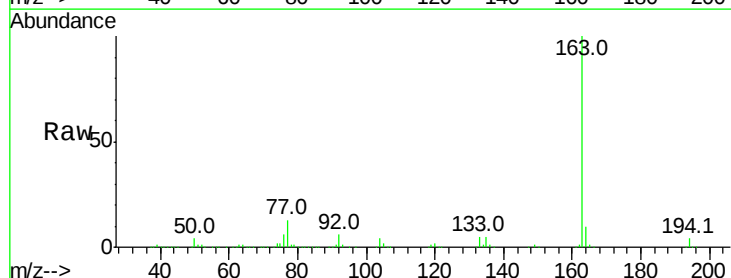
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



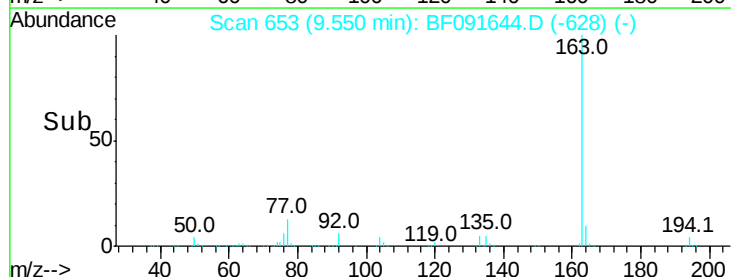
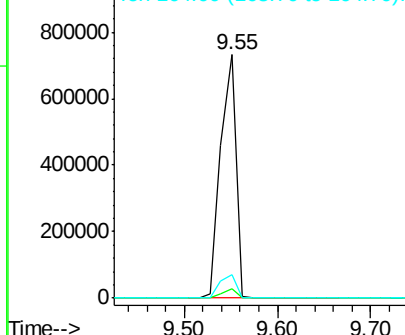
#49
 Dimethylphthalate
 Concen: 25.26 ng
 RT: 9.55 min Scan# 653
 Delta R.T. -0.01 min
 Lab File: BF091644.D
 Acq: 15 Dec 2016 22:32

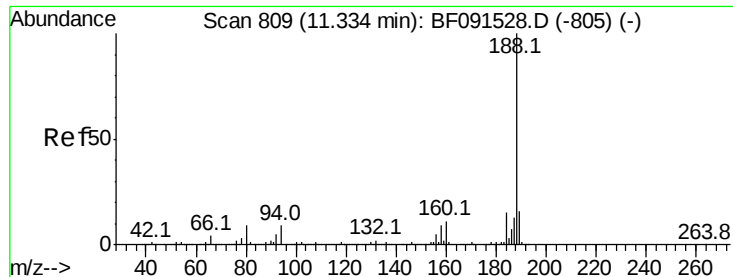
Tgt Ion:163 Resp: 833198

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.4
164	9.7	7.8	11.8



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

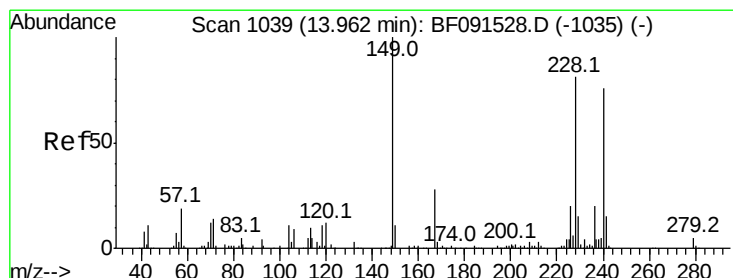
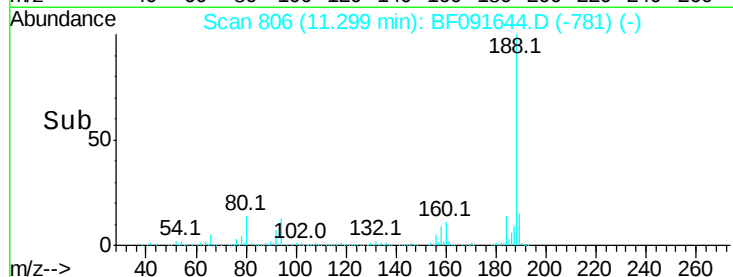
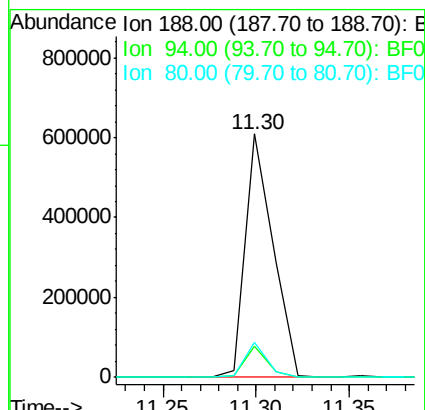
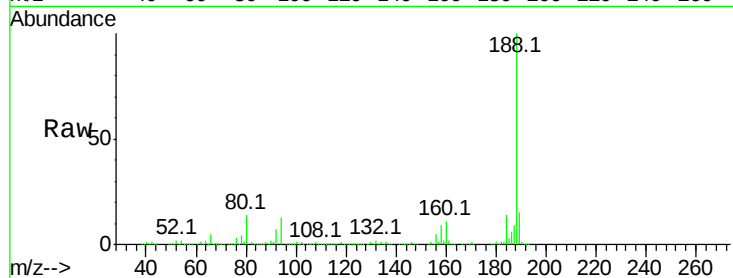




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF091644.D
Acq: 15 Dec 2016 22:32

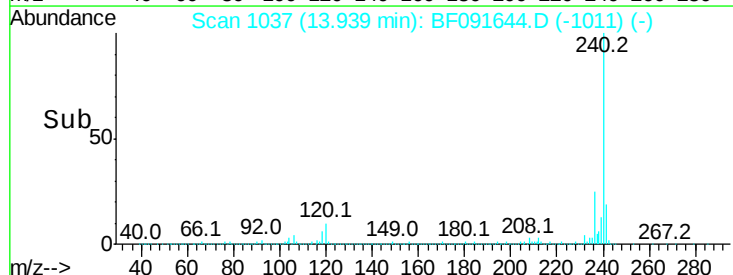
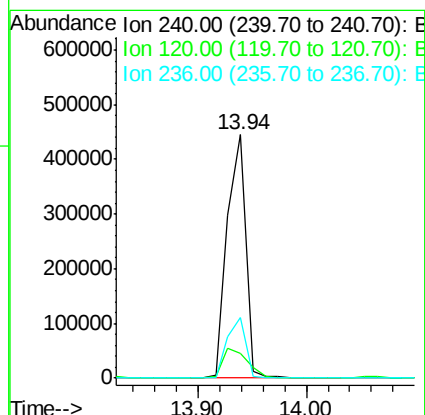
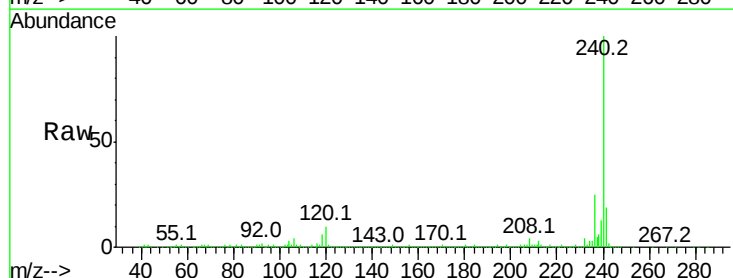
Instrument :
BNA_F
ClientSampleId :
SS07-1FT

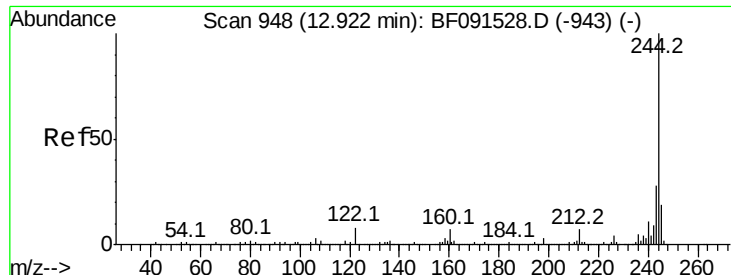
Tot Ion:188 Resp: 631208
Ion Ratio Lower Upper
188 100
94 12.7 9.2 13.8
80 14.3 10.5 15.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF091644.D
Acq: 15 Dec 2016 22:32

Tgt Ion:240 Resp: 529784
Ion Ratio Lower Upper
240 100
120 10.1 12.1 18.1#
236 24.8 21.0 31.6



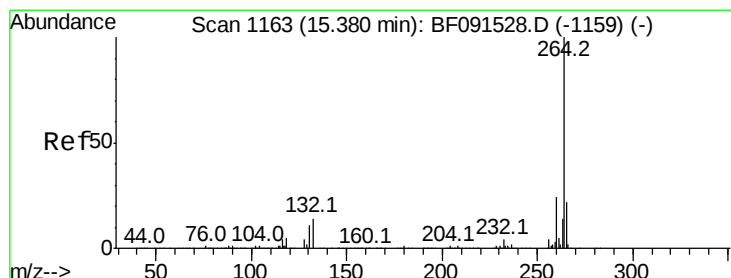
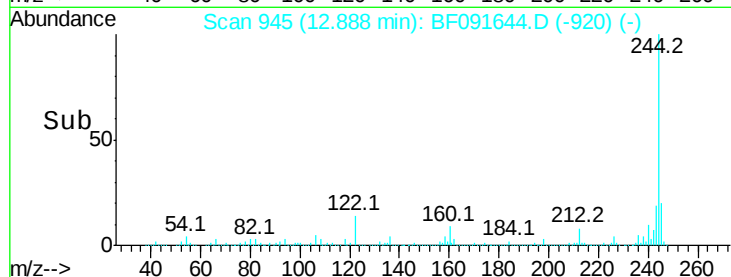
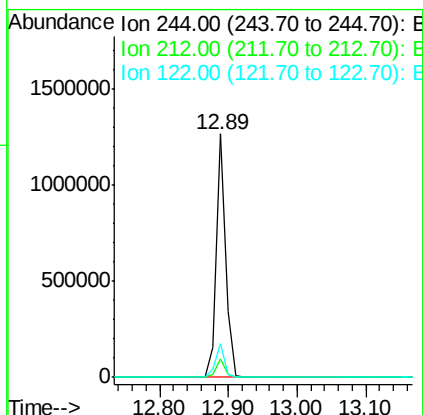
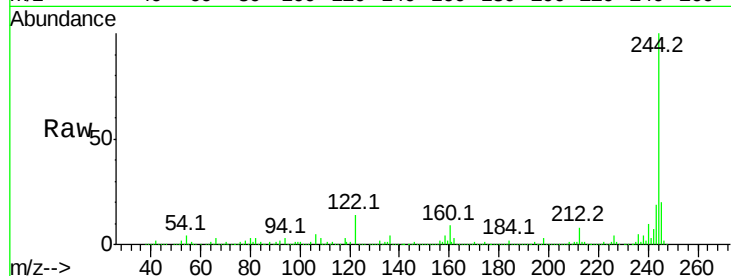


#78
 Terphenyl-d14
 Concen: 52.33 ng
 RT: 12.89 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF091644.D
 Acq: 15 Dec 2016 22:32

Instrument :
 BNA_F
 ClientSampleId :
 SS07-1FT

Tot Ion:244 Resp: 1221806

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.5	9.7
122	13.8	9.5	14.3



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1160
 Delta R.T. 0.00 min
 Lab File: BF091644.D
 Acq: 15 Dec 2016 22:32

Tgt Ion:264 Resp: 457285

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.8	28.2
265	22.0	17.0	25.6

