

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\
 Data File : BF091662.D
 Acq On : 16 Dec 2016 8:23
 Operator : UM/SJ
 Sample : H6085-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-COMP-N-S-E-W-M

Quant Time: Dec 16 16:42:40 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	189506	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	685916	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	343192	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	447780	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	384874	20.00	ng	0.00
86) Perylene-d12	15.35	264	314024	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1087147	96.65	ng	0.01
7) Phenol-d6	6.43	99	1617234	115.33	ng	0.00
23) Nitrobenzene-d5	7.34	82	1187983	96.67	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	326710	114.61	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1737886	87.50	ng	0.00
78) Terphenyl-d14	12.89	244	1319924	77.82	ng	-0.01

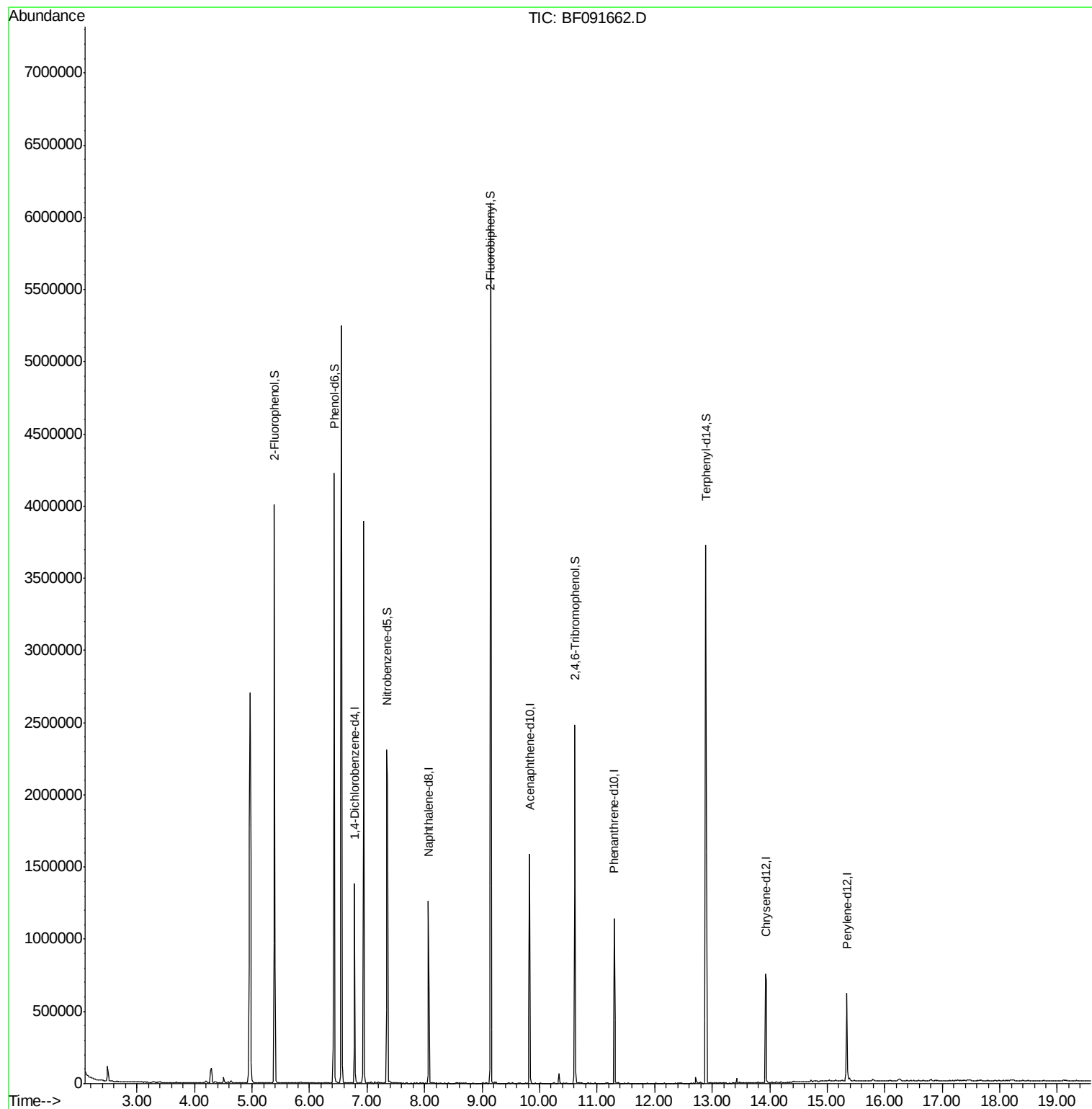
Target Compounds Qvalue

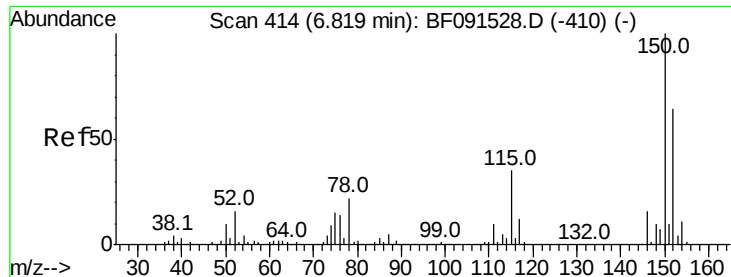
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.00 min

Lab File: BF091662.D

Acq: 16 Dec 2016 8:23

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-COMP-N-S-E-W-M

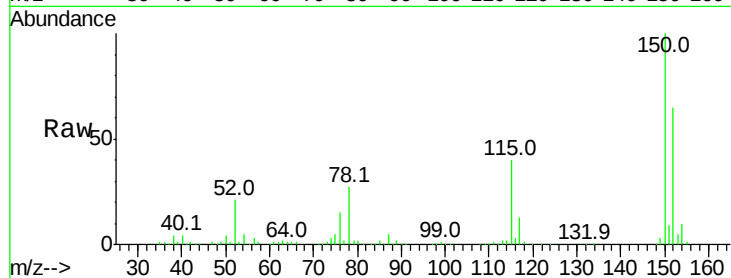
Tot Ion:152 Resp: 189506

Ion Ratio Lower Upper

152 100

150 154.7 122.5 183.7

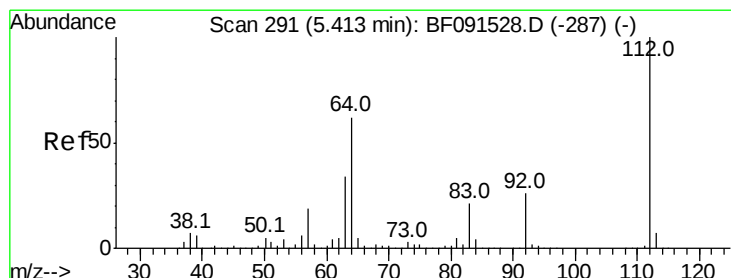
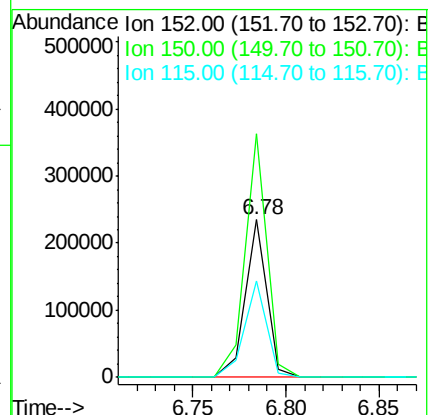
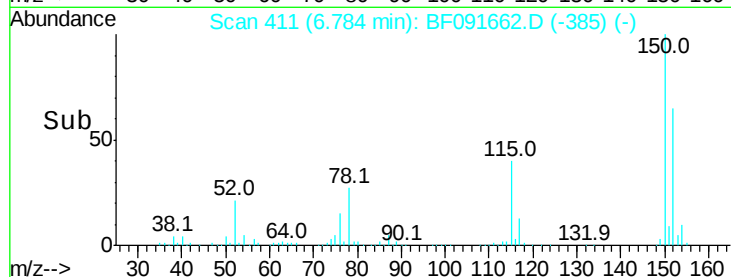
115 61.7 51.8 77.8



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: 96.65 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF091662.D

Acq: 16 Dec 2016 8:23

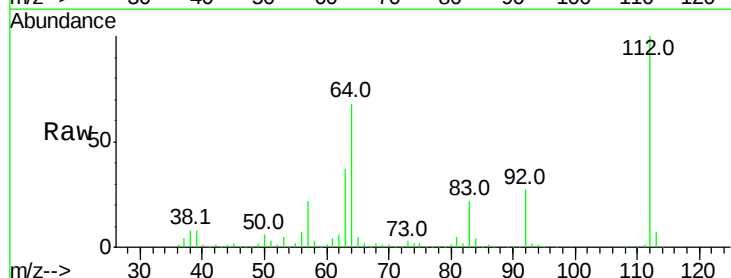
Tgt Ion:112 Resp: 1087147

Ion Ratio Lower Upper

112 100

64 68.4 61.5 92.3

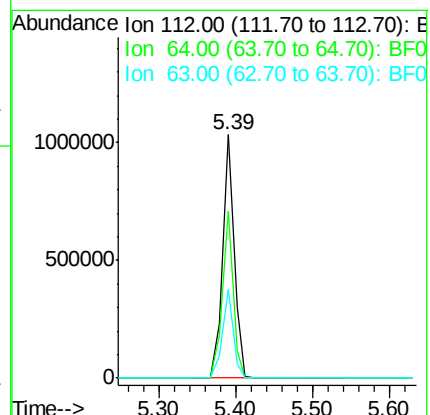
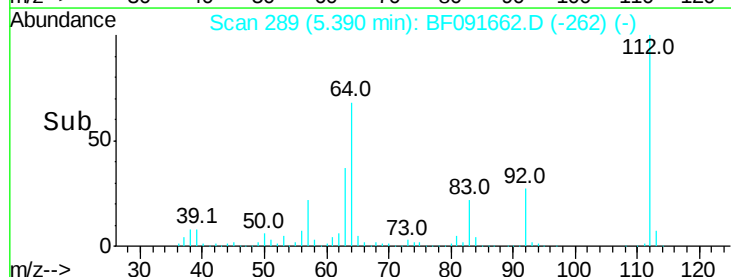
63 36.5 33.3 49.9

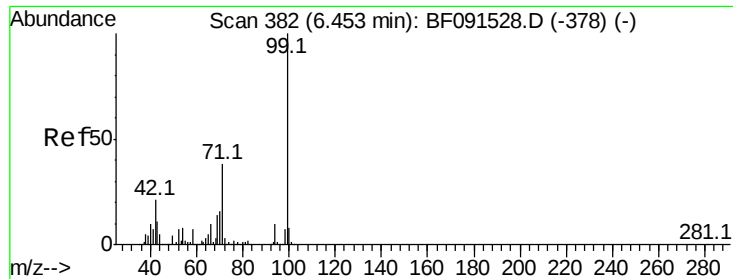


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 115.33 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.00 min

Lab File: BF091662.D

Acq: 16 Dec 2016 8:23

Instrument :

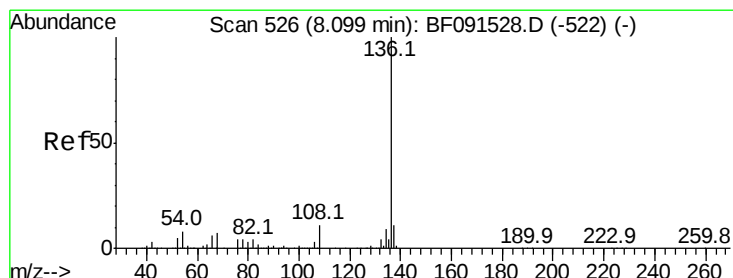
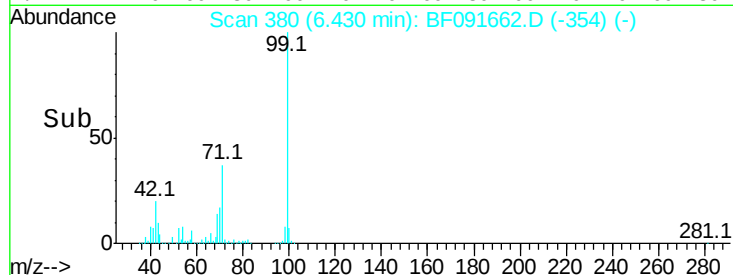
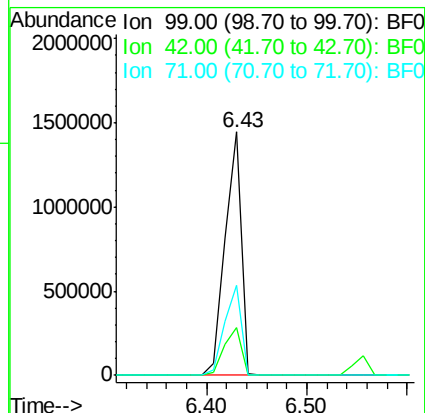
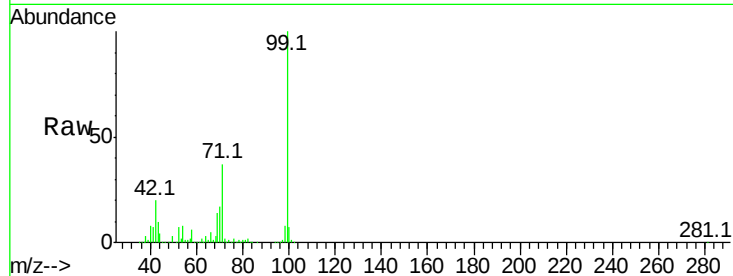
BNA_F

ClientSampleId :

STOCKPILE-COMP-N-S-E-W-M

Tot Ion: 99 Resp: 1617234

Ion	Ratio	Lower	Upper
99	100		
42	19.6	20.6	31.0#
71	37.2	29.9	44.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 523

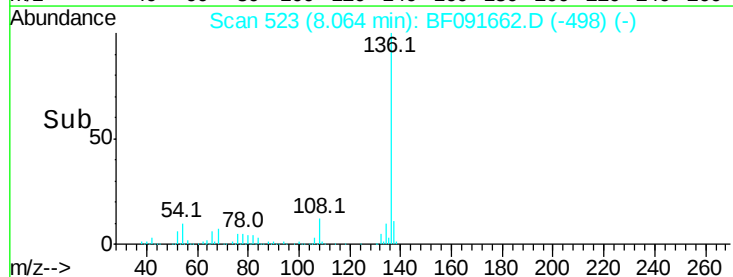
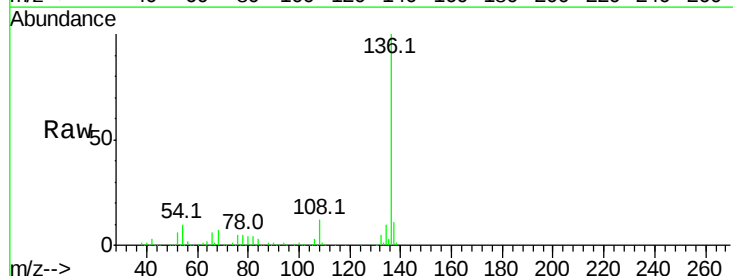
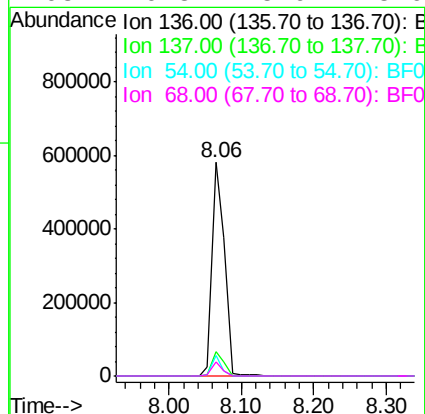
Delta R.T. -0.01 min

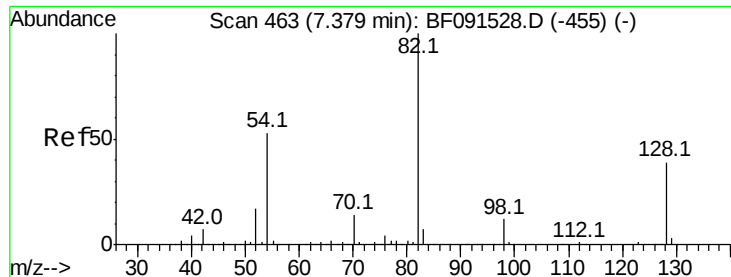
Lab File: BF091662.D

Acq: 16 Dec 2016 8:23

Tgt Ion: 136 Resp: 685916

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	9.9	9.1	13.7
68	6.8	5.9	8.9



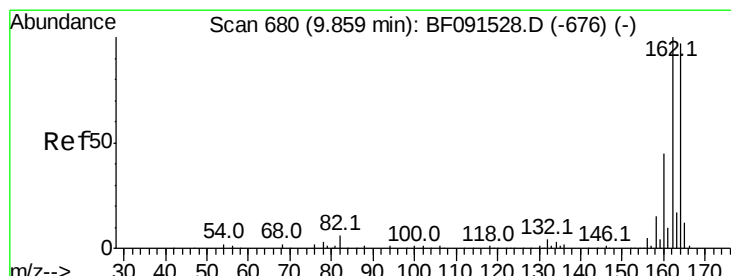
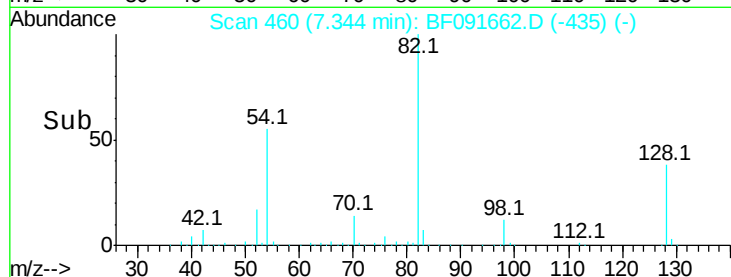
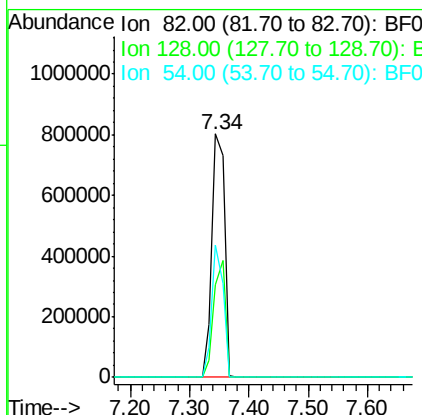
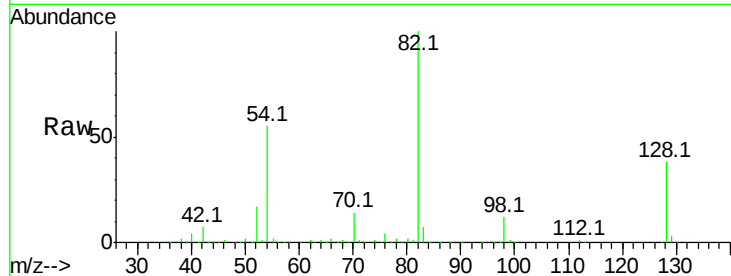


#23
 Nitrobenzene-d5
 Concen: 96.67 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: BF091662.D
 Acq: 16 Dec 2016 8:23

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-COMP-N-S-E-W-M

Tot Ion: 82 Resp: 1187983

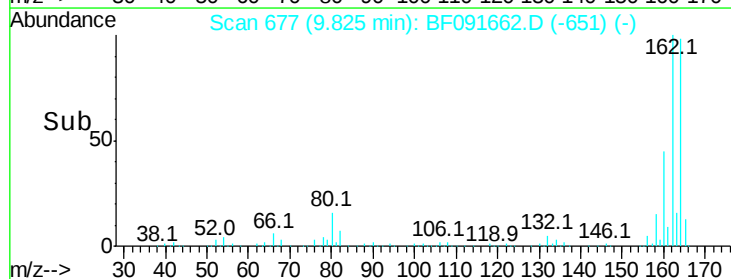
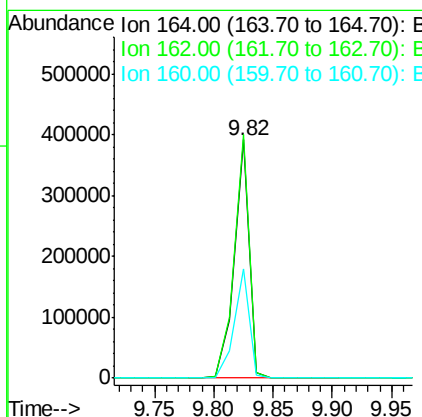
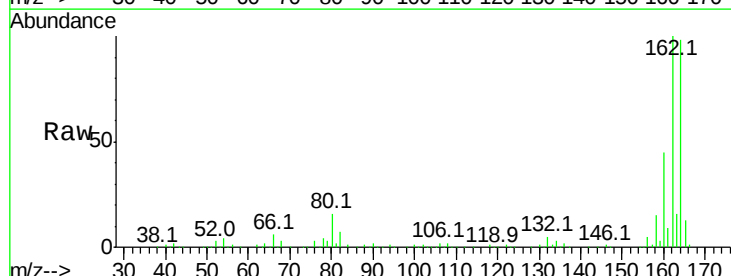
Ion	Ratio	Lower	Upper
82	100		
128	38.0	31.8	47.6
54	54.6	49.1	73.7

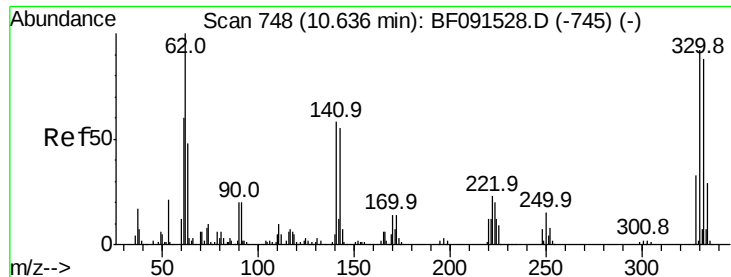


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.00 min
 Lab File: BF091662.D
 Acq: 16 Dec 2016 8:23

Tgt Ion: 164 Resp: 343192

Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.6	124.0
160	45.9	36.7	55.1

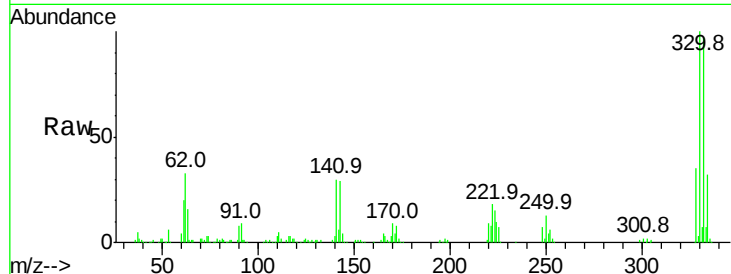




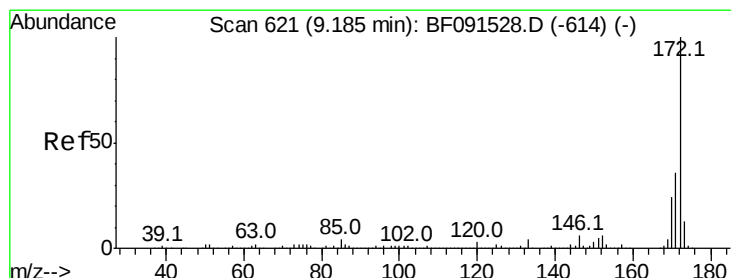
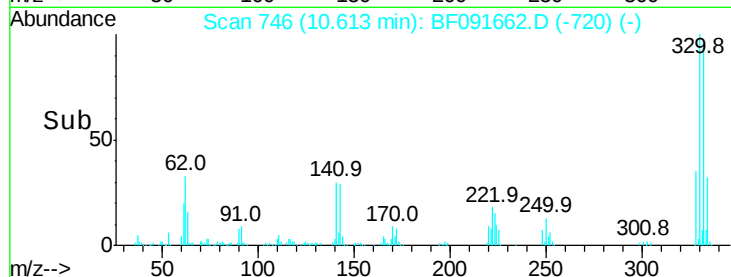
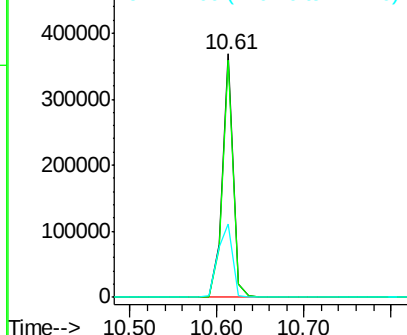
#41
 2,4,6-Tribromophenol
 Concen: 114.61 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.00 min
 Lab File: BF091662.D
 Acq: 16 Dec 2016 8:23

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-COMP-N-S-E-W-M

Tot Ion:330 Resp: 326710
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.2 114.4
 141 40.6 33.6 50.4

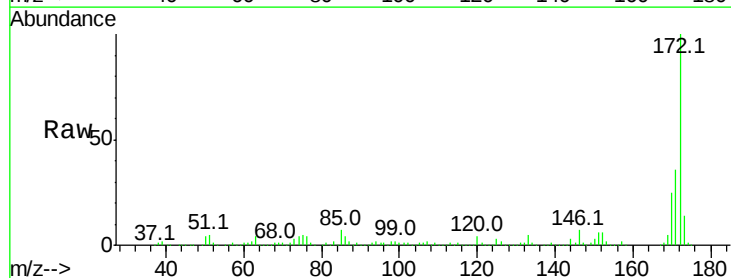


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

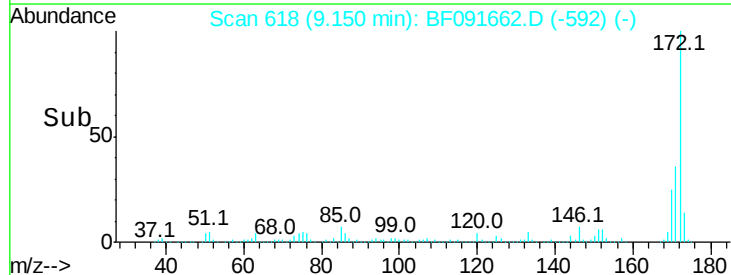
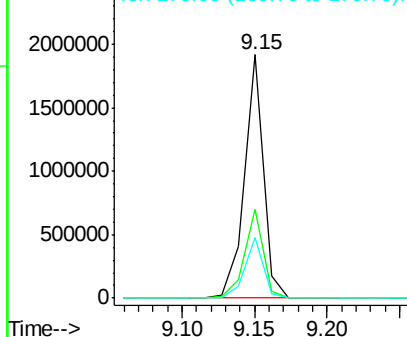


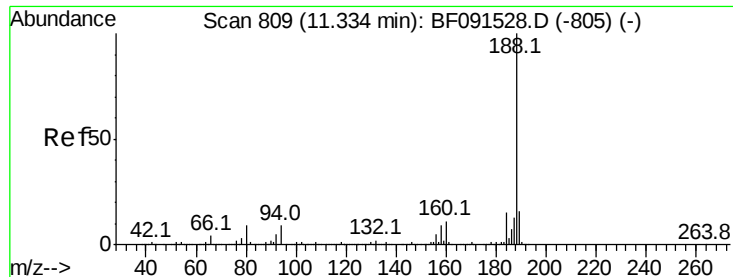
#44
 2-Fluorobiphenyl
 Concen: 87.50 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF091662.D
 Acq: 16 Dec 2016 8:23

Tgt Ion:172 Resp: 1737886
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.9 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

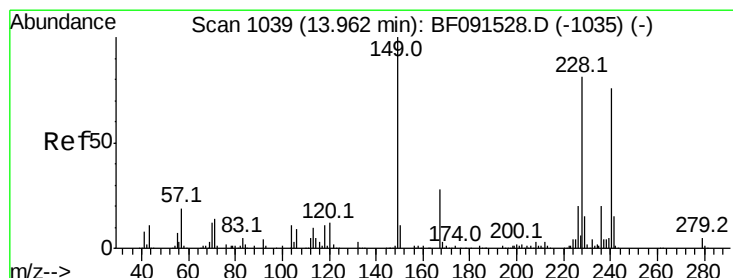
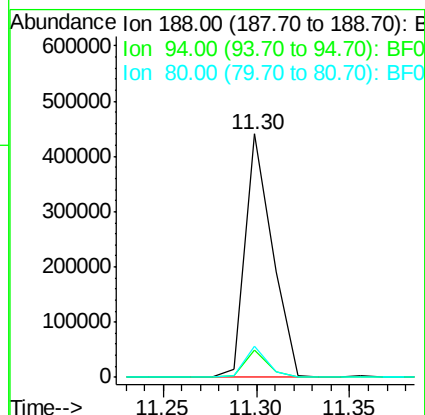
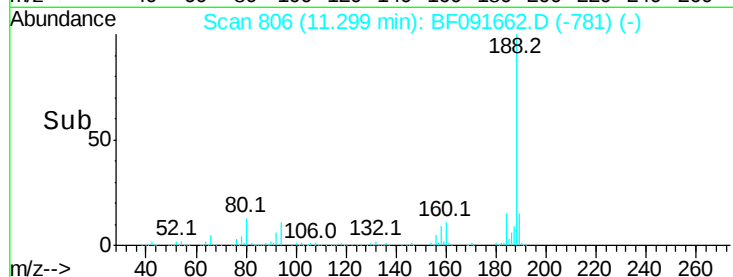
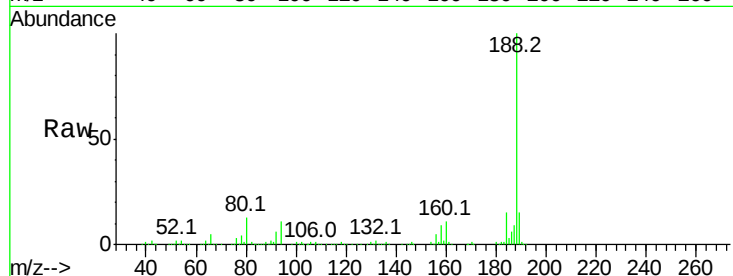




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF091662.D
Acq: 16 Dec 2016 8:23

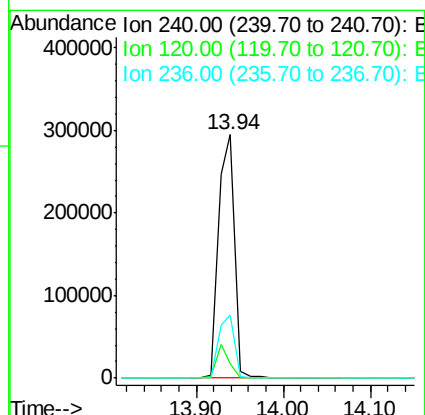
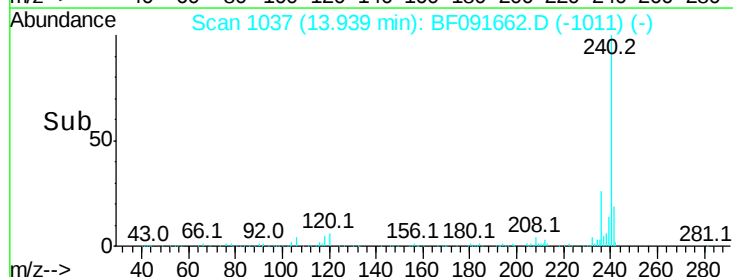
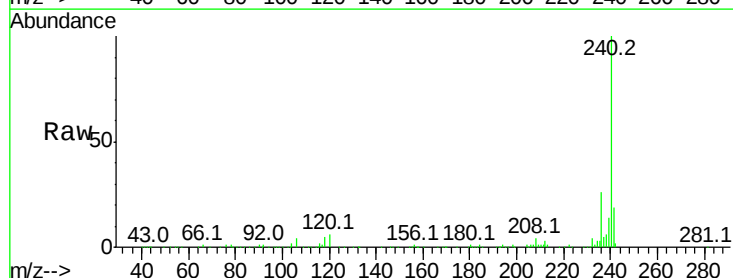
Instrument :
BNA_F
ClientSampleId :
STOCKPILE-COMP-N-S-E-W-M

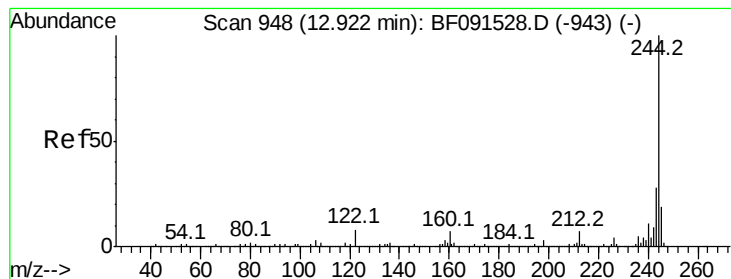
Tot Ion:188 Resp: 447780
Ion Ratio Lower Upper
188 100
94 11.0 9.2 13.8
80 12.7 10.5 15.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF091662.D
Acq: 16 Dec 2016 8:23

Tgt Ion:240 Resp: 384874
Ion Ratio Lower Upper
240 100
120 6.1 12.1 18.1#
236 25.7 21.0 31.6





#78

Terphenyl-d14

Concen: 77.82 ng

RT: 12.89 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF091662.D

Acq: 16 Dec 2016 8:23

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-COMP-N-S-E-W-M

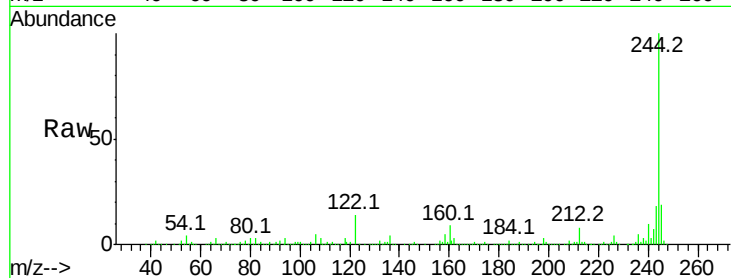
Tot Ion:244 Resp: 1319924

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

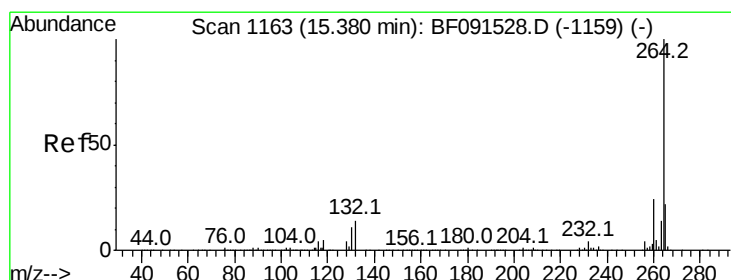
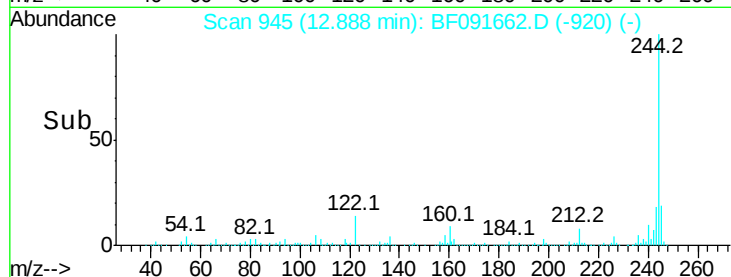
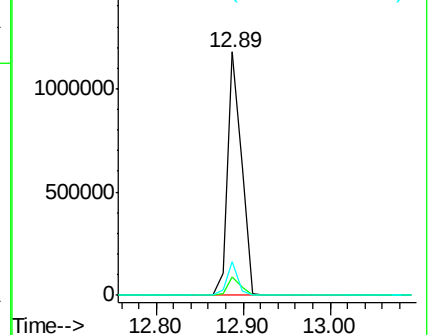
122 13.9 9.5 14.3



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: 15.35 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BF091662.D

Acq: 16 Dec 2016 8:23

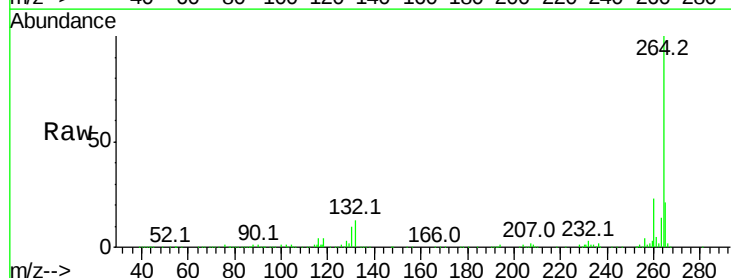
Tgt Ion:264 Resp: 314024

Ion Ratio Lower Upper

264 100

260 23.0 18.8 28.2

265 20.8 17.0 25.6



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

