

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\
 Data File : BF091661.D
 Acq On : 16 Dec 2016 7:56
 Operator : UM/SJ
 Sample : H6057-04
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP20-COMP6

Quant Time: Dec 16 16:40:12 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	188229	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	678654	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	334293	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	423542	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	396578	20.00	ng	0.00
86) Perylene-d12	15.35	264	307051	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1411914	126.37	ng	0.02
7) Phenol-d6	6.43	99	1552082	111.43	ng	0.00
23) Nitrobenzene-d5	7.34	82	1169369	96.17	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	352457	126.94	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1796562	92.86	ng	0.00
78) Terphenyl-d14	12.89	244	1300321	74.40	ng	-0.01

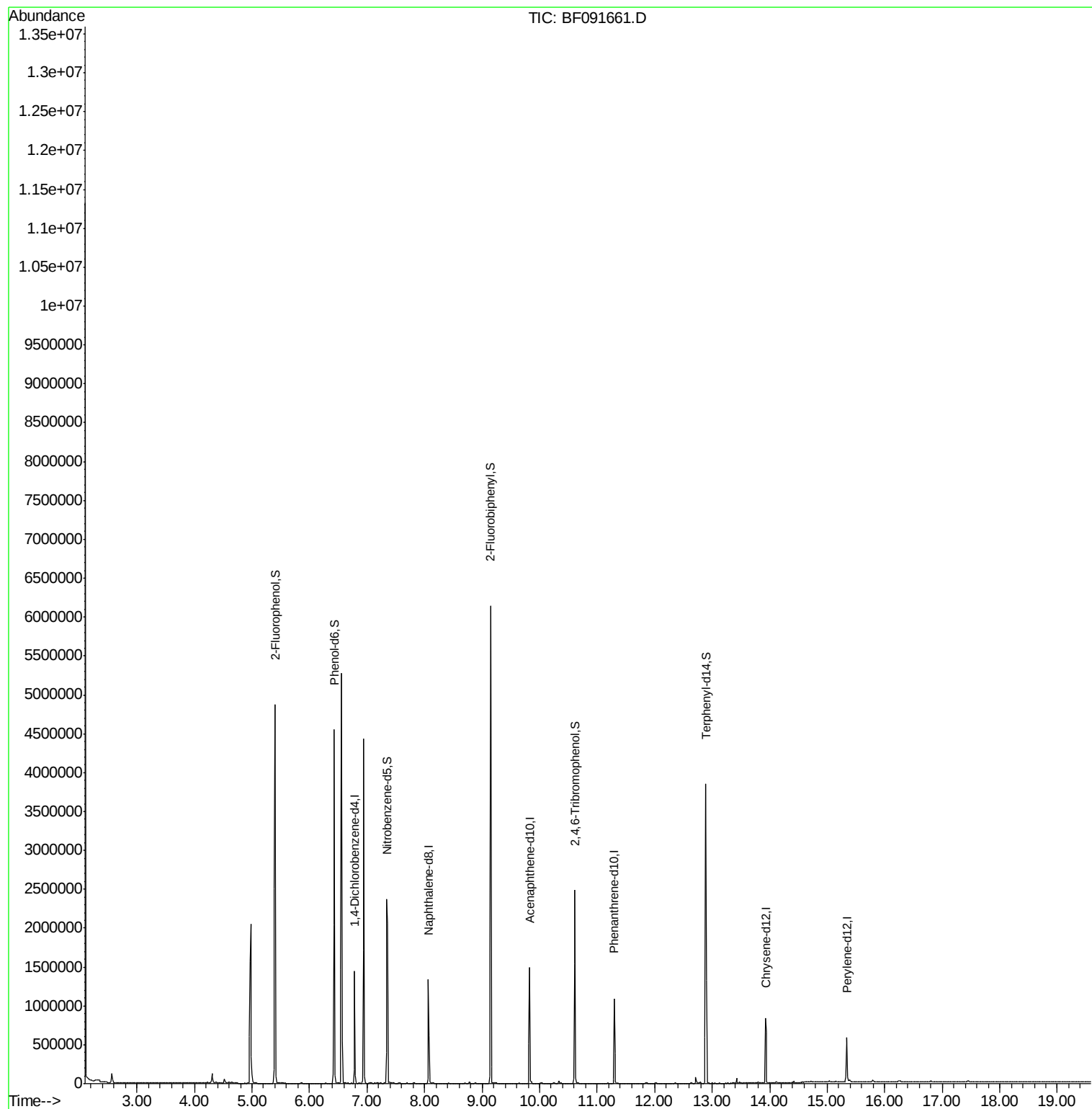
Target Compounds Qvalue

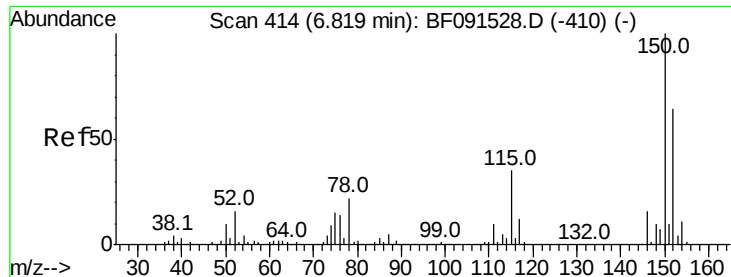
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF091661.D

Acq: 16 Dec 2016 7:56

Instrument :

BNA_F

ClientSampleId :

TP20-COMP6

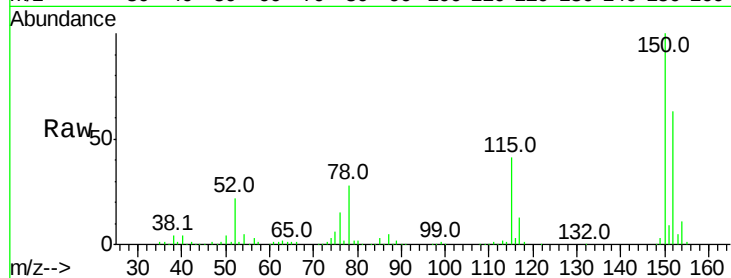
Tot Ion:152 Resp: 188229

Ion Ratio Lower Upper

152 100

150 160.0 122.5 183.7

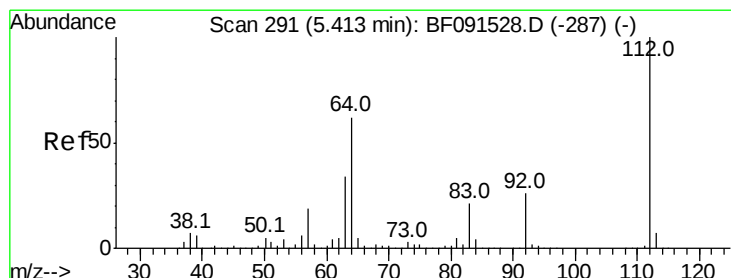
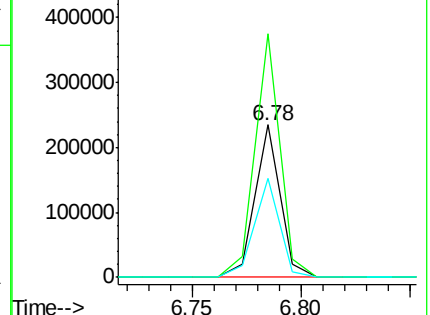
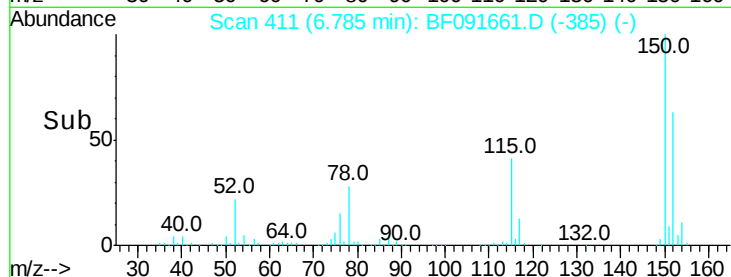
115 65.3 51.8 77.8



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: 126.37 ng

RT: 5.40 min Scan# 290

Delta R.T. 0.02 min

Lab File: BF091661.D

Acq: 16 Dec 2016 7:56

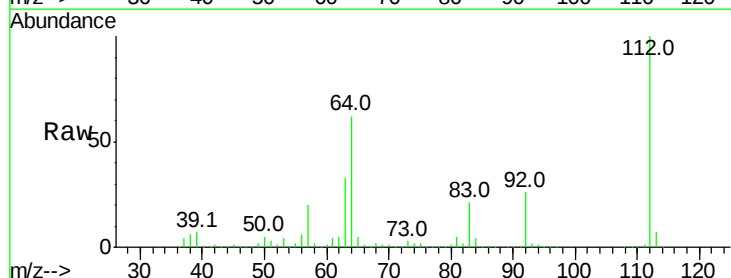
Tgt Ion:112 Resp: 1411914

Ion Ratio Lower Upper

112 100

64 62.2 61.5 92.3

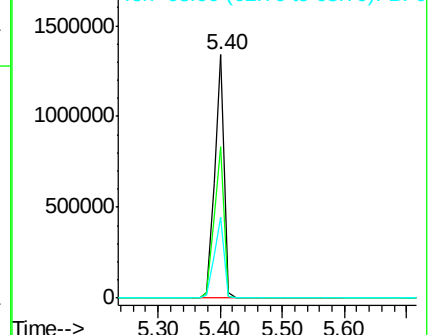
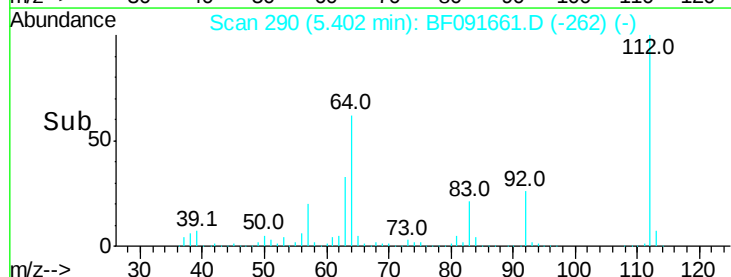
63 33.2 33.3 49.9#

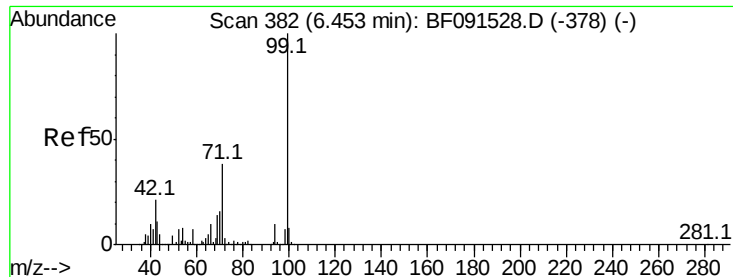


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 111.43 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF091661.D

Acq: 16 Dec 2016 7:56

Instrument :

BNA_F

ClientSampleId :

TP20-COMP6

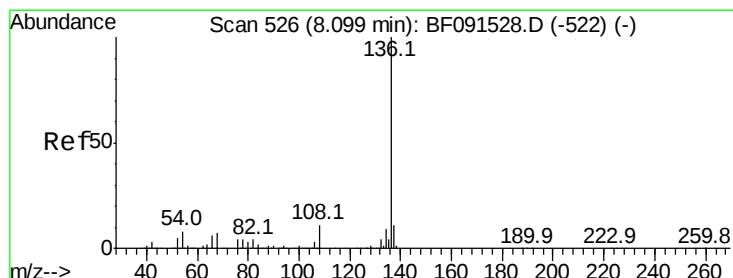
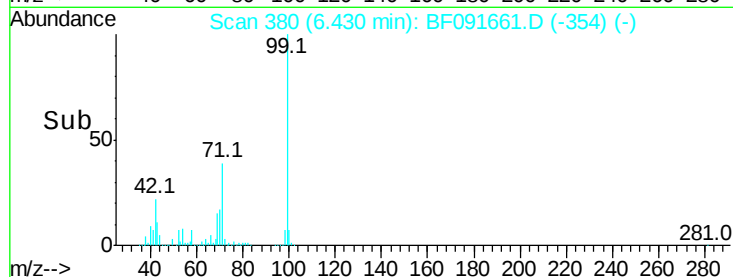
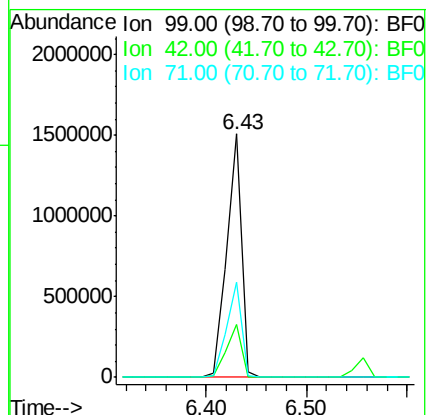
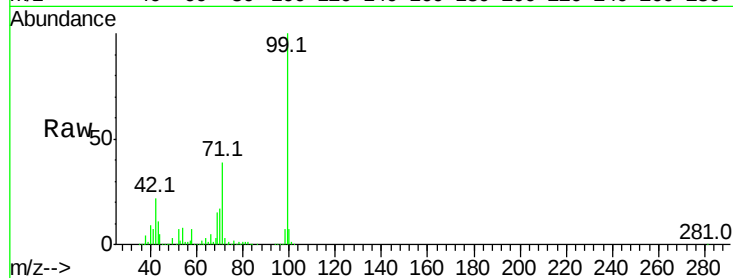
Tot Ion: 99 Resp: 1552082

Ion Ratio Lower Upper

99 100

42 21.5 20.6 31.0

71 38.9 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: BF091661.D

Acq: 16 Dec 2016 7:56

Tgt Ion: 136 Resp: 678654

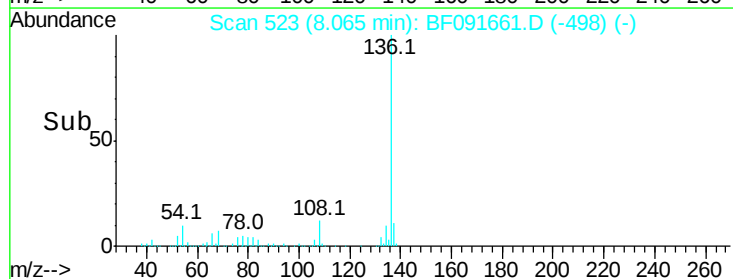
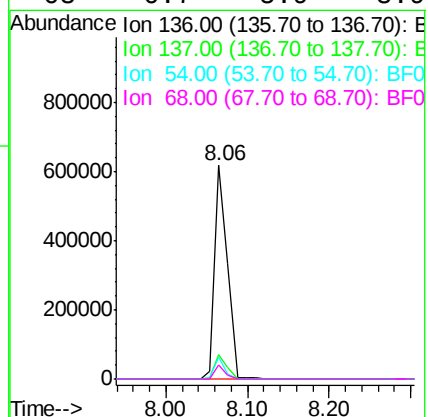
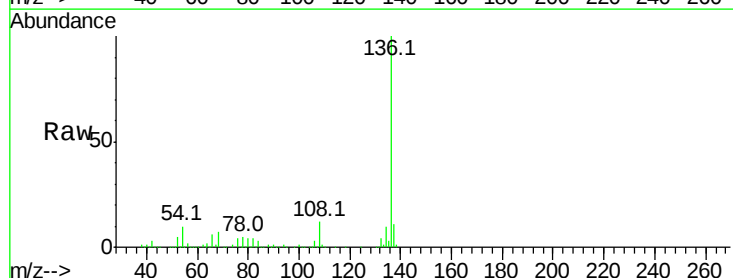
Ion Ratio Lower Upper

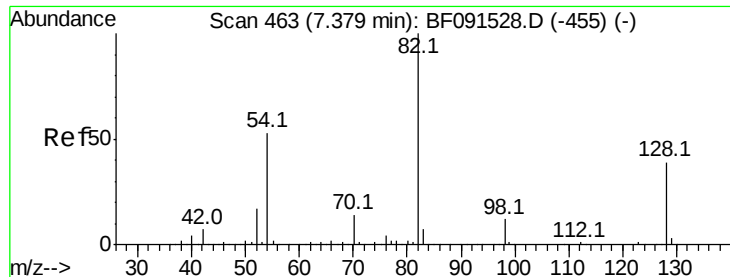
136 100

137 11.2 9.1 13.7

54 9.9 9.1 13.7

68 6.7 5.9 8.9



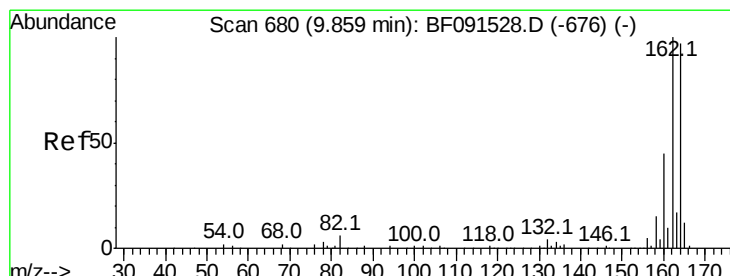
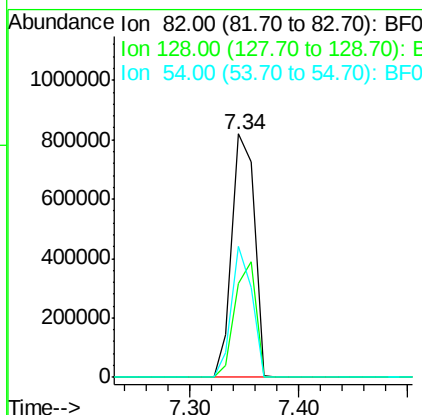
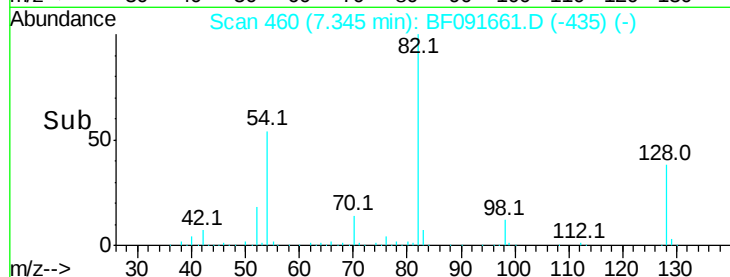
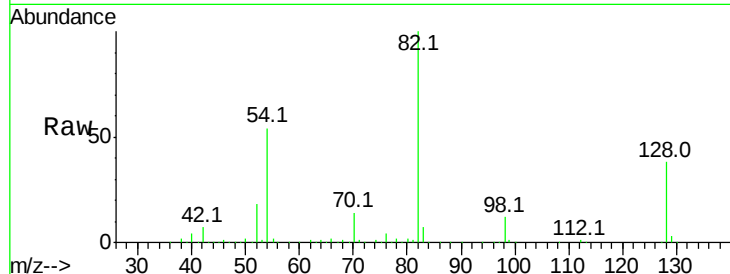


#23
 Nitrobenzene-d5
 Concen: 96.17 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: BF091661.D
 Acq: 16 Dec 2016 7:56

Instrument :
 BNA_F
 ClientSampleId :
 TP20-COMP6

Tot Ion: 82 Resp: 1169369

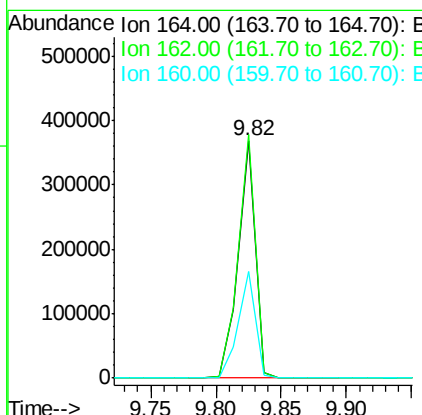
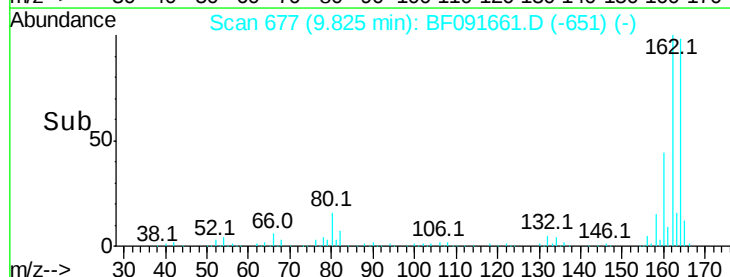
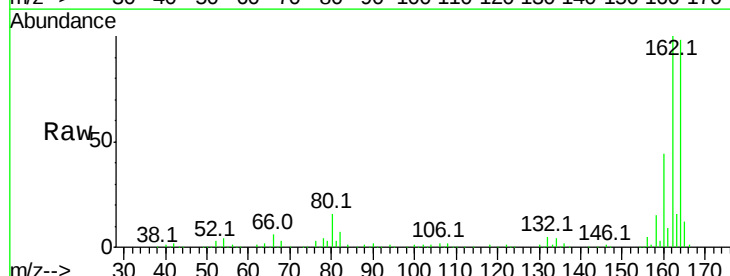
Ion	Ratio	Lower	Upper
82	100		
128	38.4	31.8	47.6
54	53.9	49.1	73.7

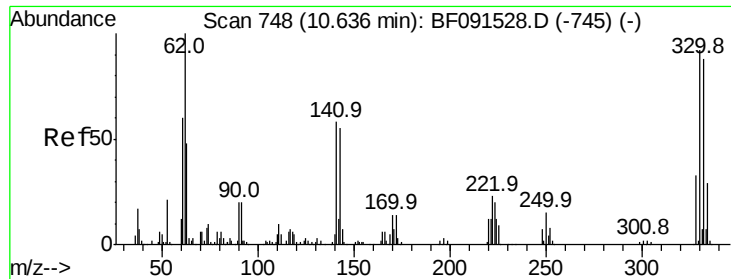


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF091661.D
 Acq: 16 Dec 2016 7:56

Tgt Ion:164 Resp: 334293

Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.6	124.0
160	44.7	36.7	55.1

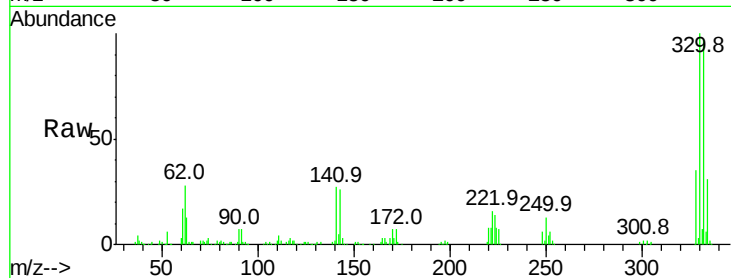




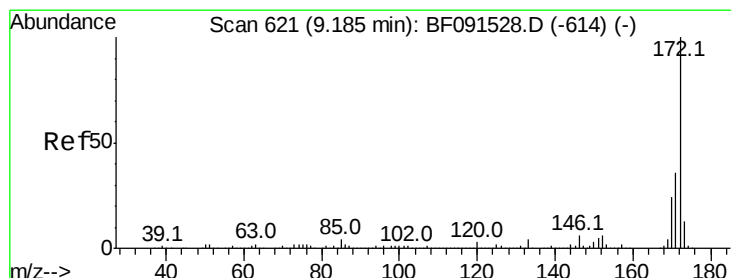
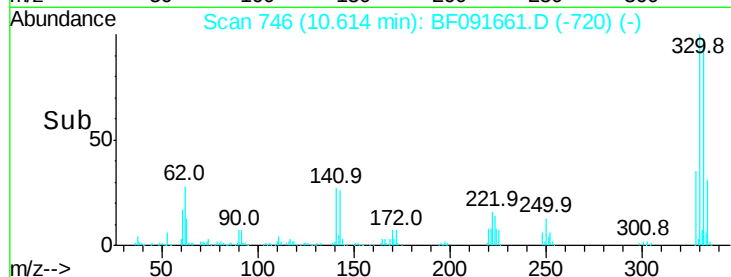
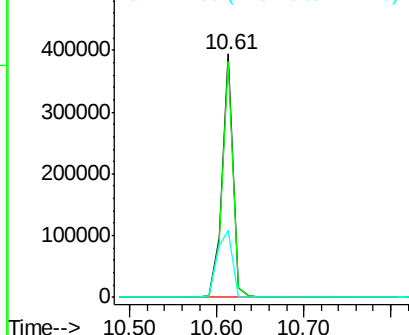
#41
 2,4,6-Tribromophenol
 Concen: 126.94 ng
 RT: 10.61 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: BF091661.D
 Acq: 16 Dec 2016 7:56

Instrument :
 BNA_F
 ClientSampleId :
 TP20-COMP6

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.2	114.4
141	38.8	33.6	50.4

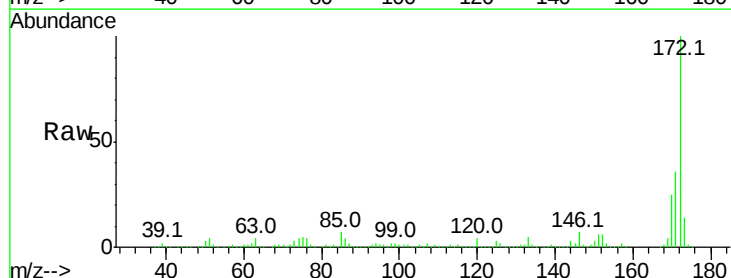


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

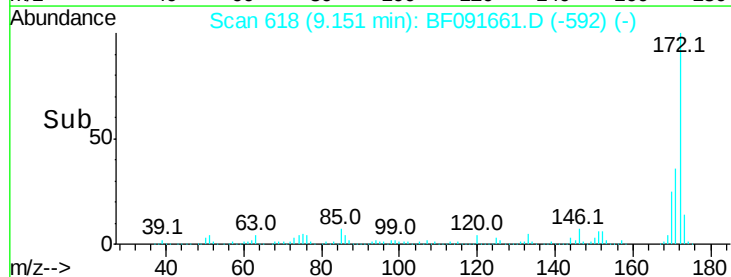
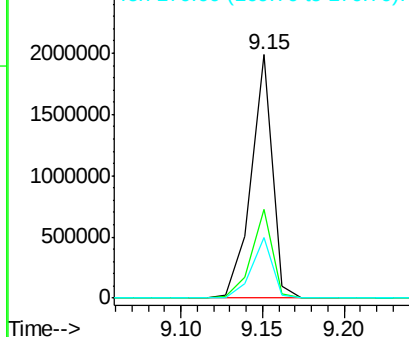


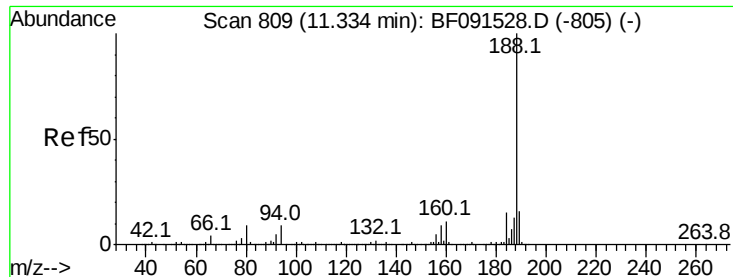
#44
 2-Fluorobiphenyl
 Concen: 92.86 ng
 RT: 9.15 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF091661.D
 Acq: 16 Dec 2016 7:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	25.1	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

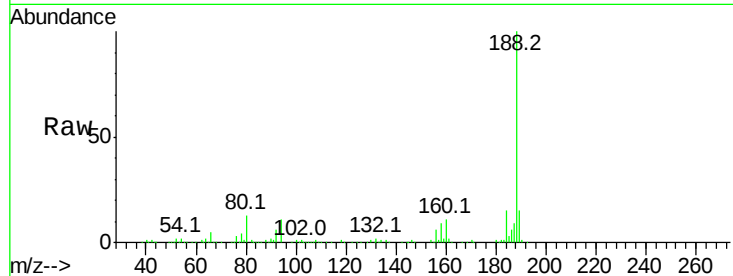




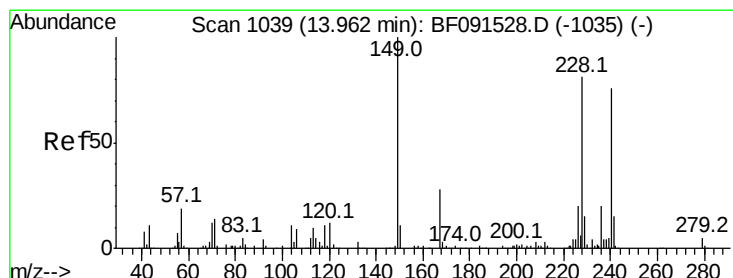
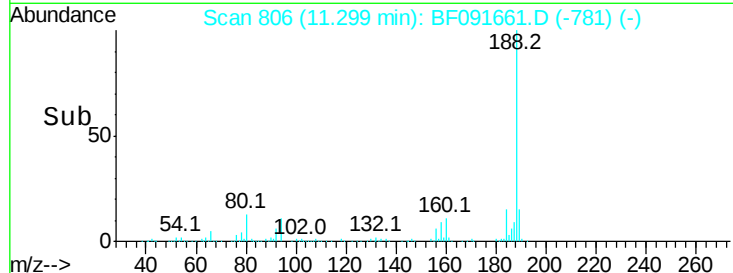
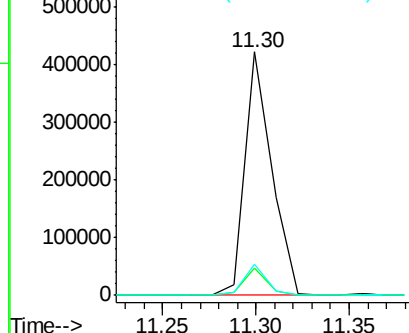
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF091661.D
Acq: 16 Dec 2016 7:56

Instrument :
BNA_F
ClientSampleId :
TP20-COMP6

Tot Ion:188 Resp: 423542
Ion Ratio Lower Upper
188 100
94 11.2 9.2 13.8
80 12.6 10.5 15.7

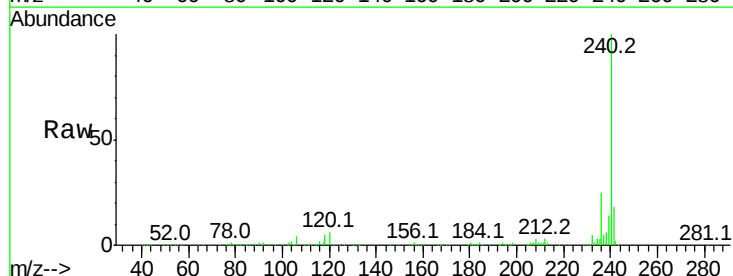


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

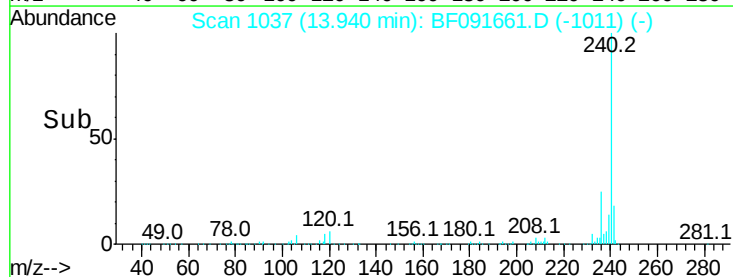
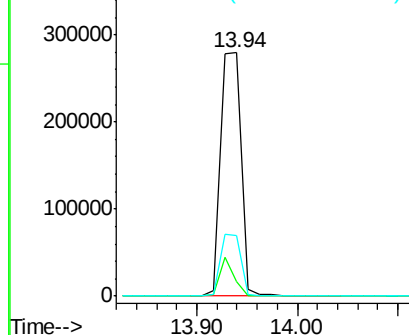


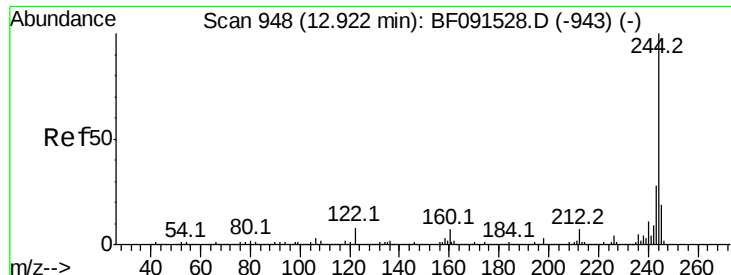
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF091661.D
Acq: 16 Dec 2016 7:56

Tgt Ion:240 Resp: 396578
Ion Ratio Lower Upper
240 100
120 5.9 12.1 18.1#
236 25.0 21.0 31.6



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: 74.40 ng

RT: 12.89 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF091661.D

Acq: 16 Dec 2016 7:56

Instrument :

BNA_F

ClientSampleId :

TP20-COMP6

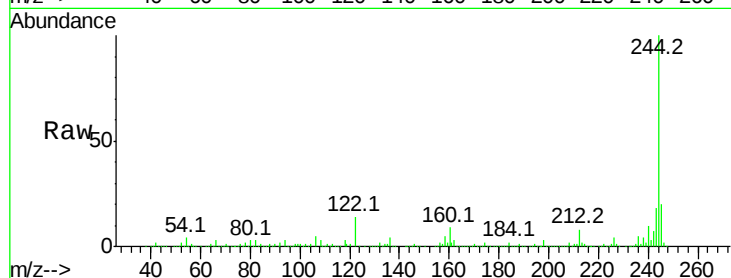
Tot Ion:244 Resp: 1300321

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

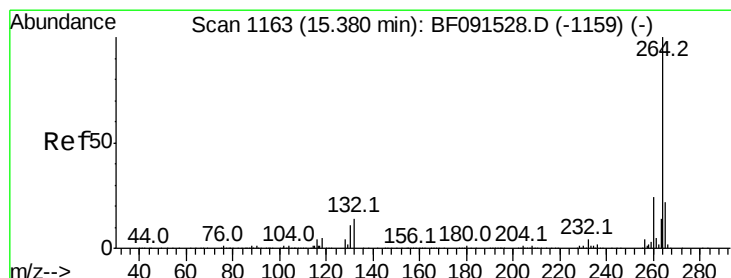
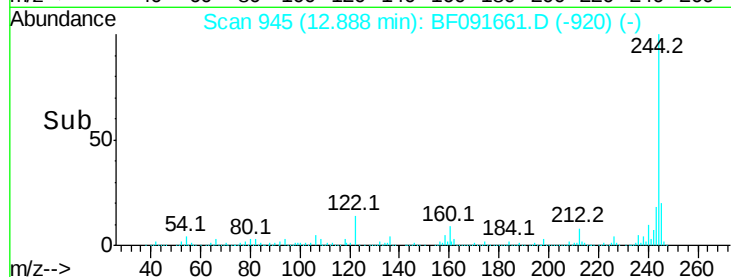
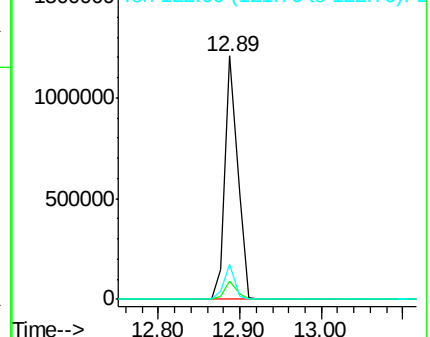
122 14.2 9.5 14.3



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: BF091661.D

Acq: 16 Dec 2016 7:56

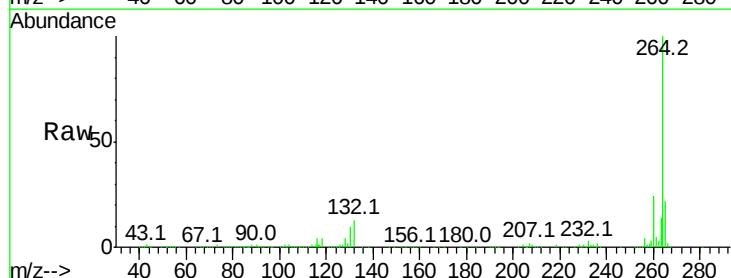
Tgt Ion:264 Resp: 307051

Ion Ratio Lower Upper

264 100

260 24.5 18.8 28.2

265 22.0 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

