

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113016\
 Data File : BF091351.D
 Acq On : 30 Nov 2016 13:46
 Operator : UM/SJ
 Sample : H5760-05
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRID-MM4-5

Manual Integrations
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Quant Time: Nov 30 18:02:33 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	174087m	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	722687	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	387056	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	657165	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	439938	20.00	ng	-0.03
86) Perylene-d12	15.44	264	370627	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1172988	110.07	ng	0.00
7) Phenol-d6	6.49	99	1343515	102.42	ng	0.00
23) Nitrobenzene-d5	7.43	82	1175780	91.18	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	434328	118.53	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	1855514	86.80	ng	-0.02
78) Terphenyl-d14	12.97	244	1957953	96.73	ng	-0.02
Target Compounds						
31) Naphthalene	8.17	128	232677	6.77	ng	Qvalue 98

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

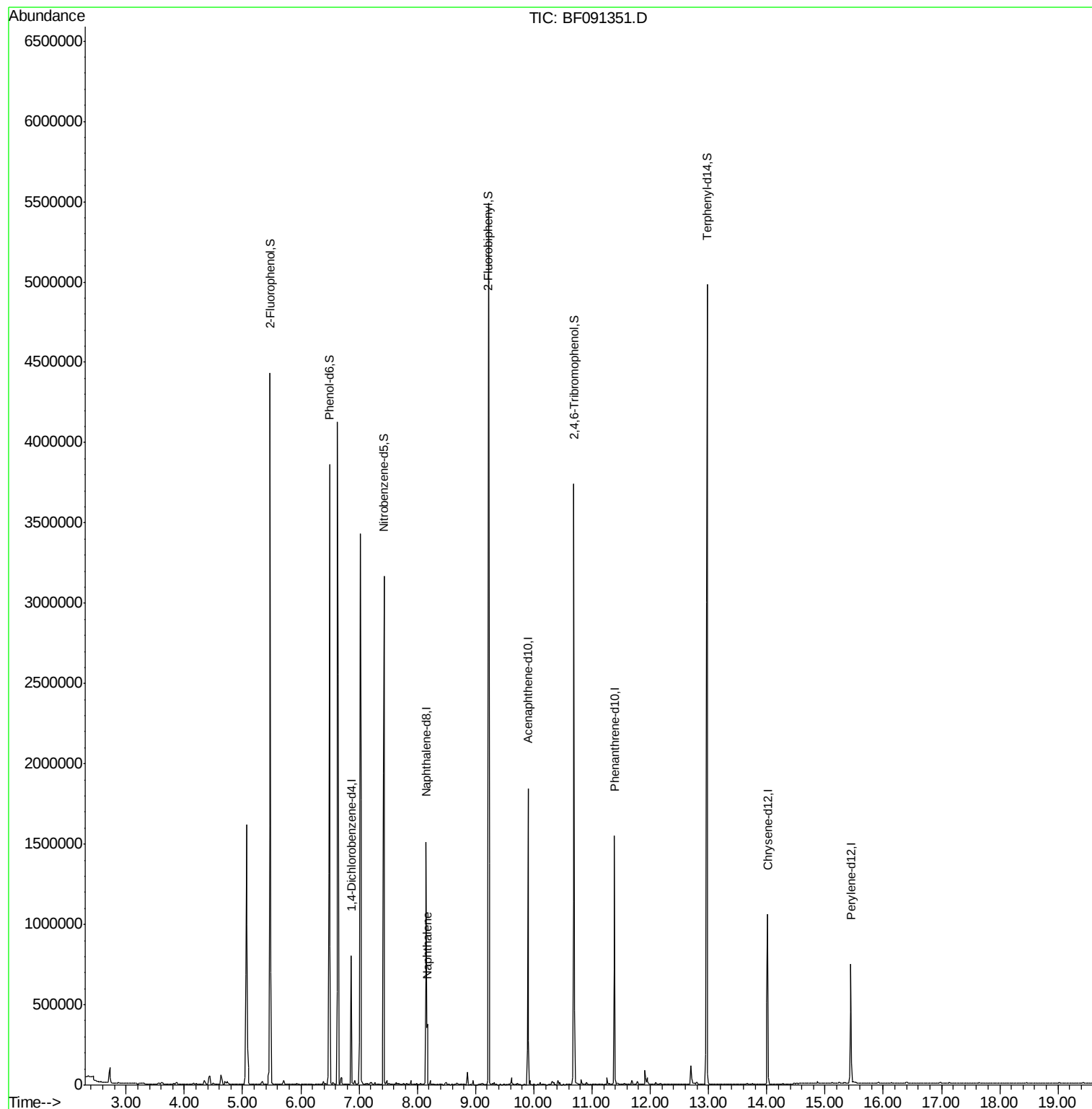
Data Path : Z:\HPCHEM1\BNA F\DATA\BF113016\
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#1

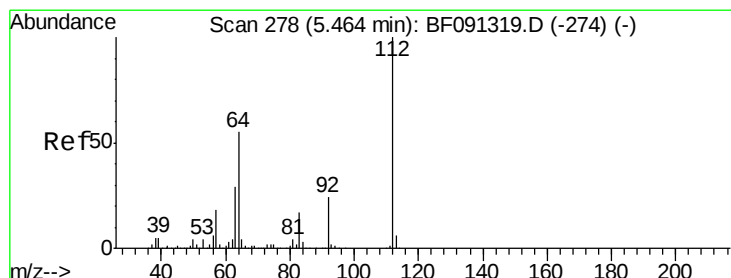
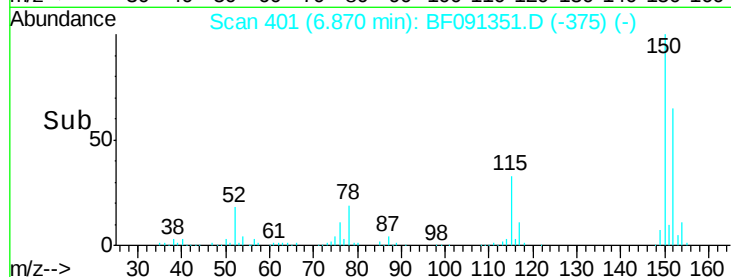
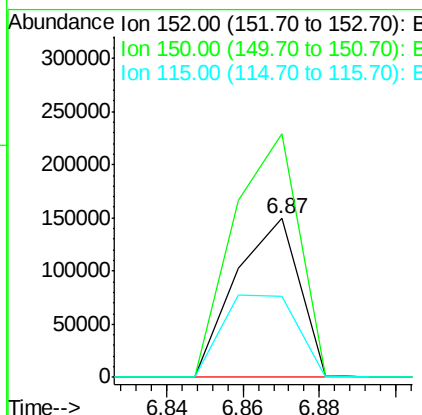
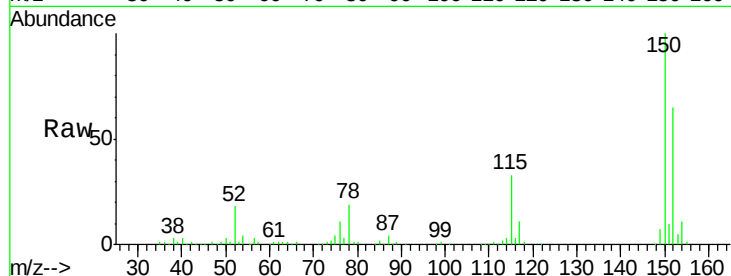
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/ml
RT: 6.87 min Scan# 401
Delta R.T. -0.01 min
Lab File: BF091351.D
Acq: 30 Nov 2016 13:46

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-5

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	122.5	183.7
115	51.2	51.8	77.8

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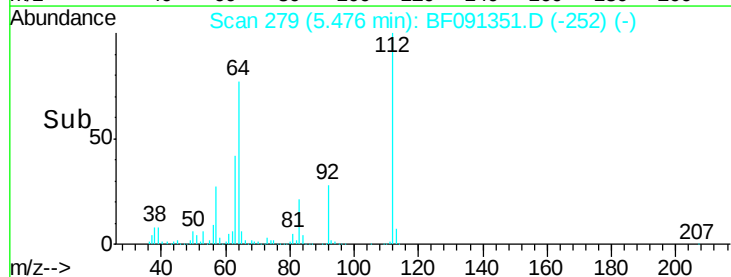
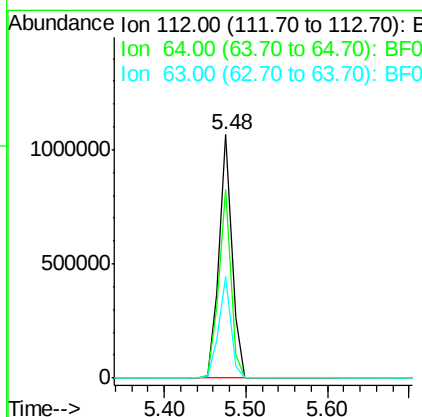
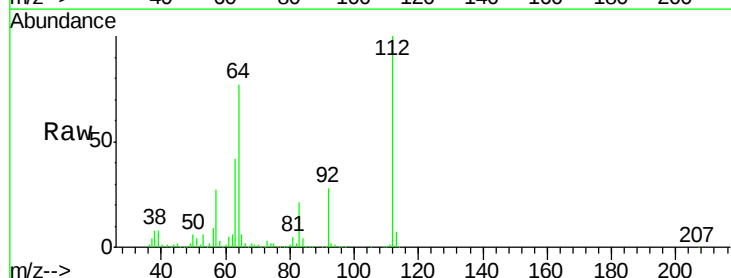
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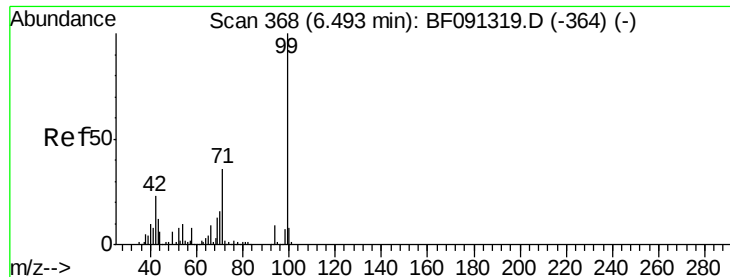


#5

2-Fluorophenol
Concen: 110.07 ng
RT: 5.48 min Scan# 279
Delta R.T. 0.01 min
Lab File: BF091351.D
Acq: 30 Nov 2016 13:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	77.2	61.5	92.3
63	41.8	33.3	49.9





#7

Phenol-d6

Concen: 102.42 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.01 min

Lab File: BF091351.D

Acq: 30 Nov 2016 13:46

Instrument :

BNA_F

ClientSampleId :

GRID-MM4-5

Tot Ion: 99 Resp: 1343515

Ion Ratio Lower Upper

99 100

42 25.1 20.6 31.0

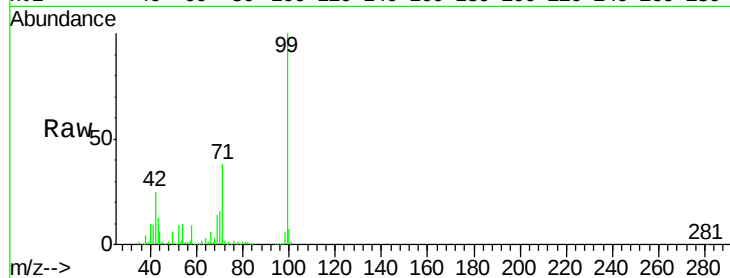
71 38.2 29.9 44.9

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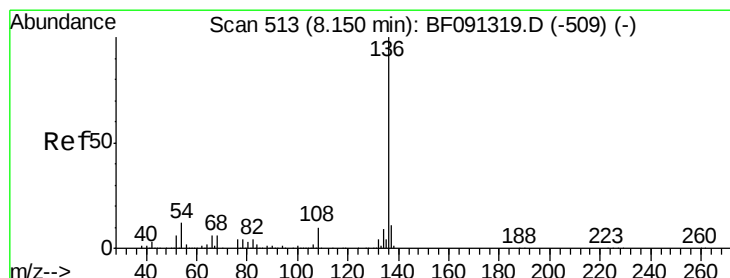
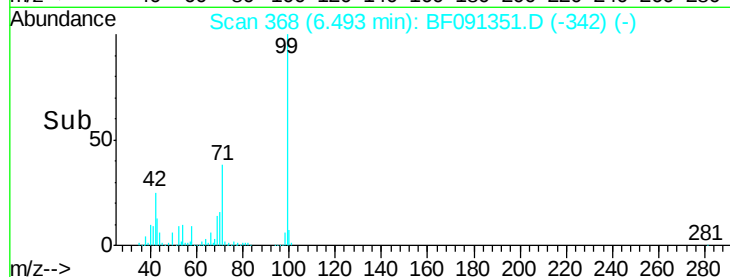
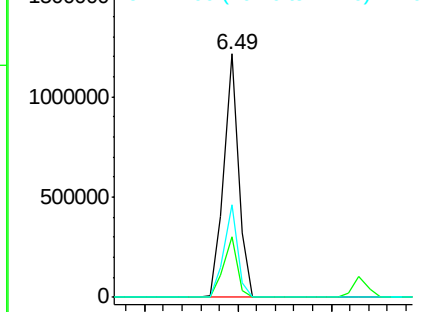
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Abundance Ion 99.00 (98.70 to 99.70): BF0

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: 8.15 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF091351.D

Acq: 30 Nov 2016 13:46

Tgt Ion: 136 Resp: 722687

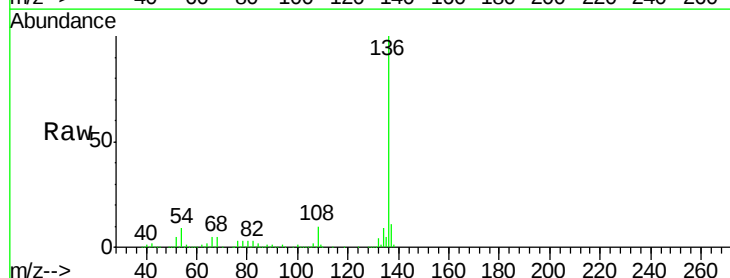
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 9.2 9.1 13.7

68 4.9 5.9 8.9#

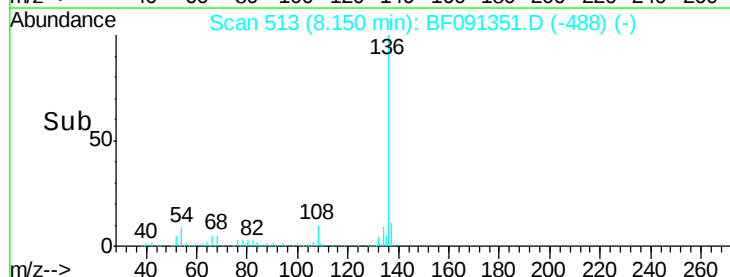
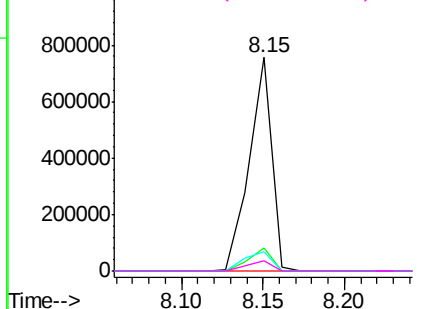


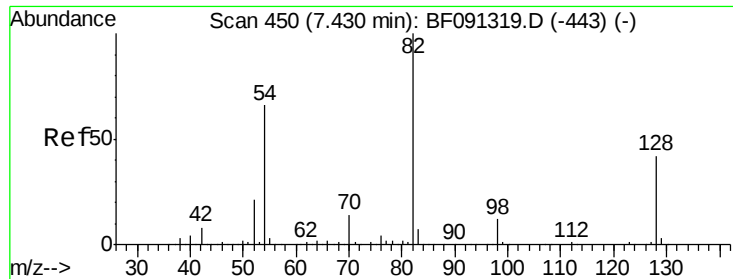
Abundance Ion 136.00 (135.70 to 136.70): E

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





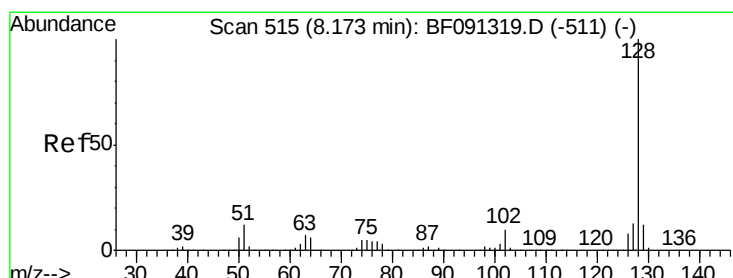
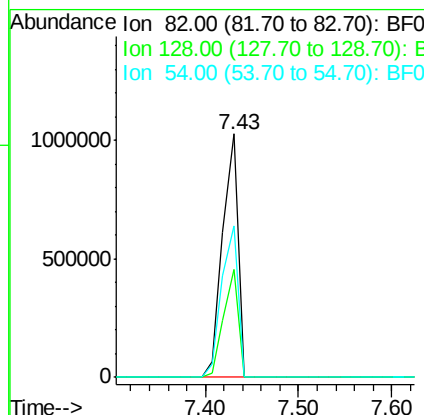
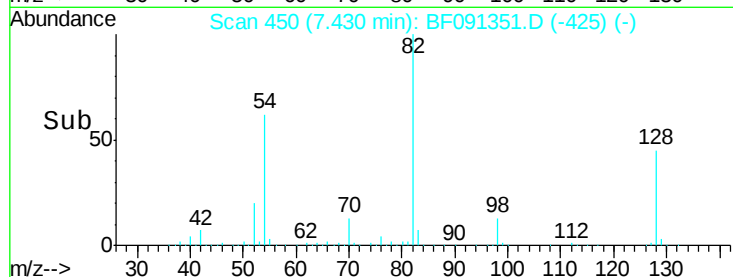
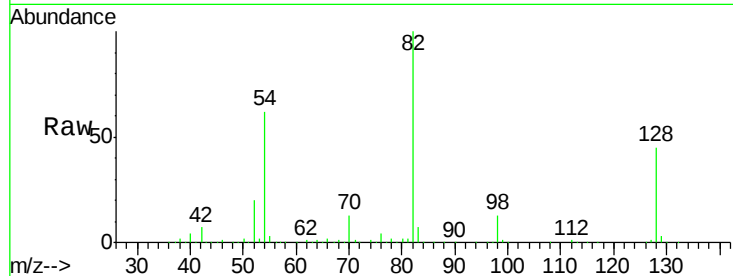
#23
Nitrobenzene-d5
Concen: 91.18 ng
RT: 7.43 min Scan# 450
Delta R.T. -0.02 min
Lab File: BF091351.D
Acq: 30 Nov 2016 13:46

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-5

Tot Ion: 82 Resp: 1175780
Ion Ratio Lower Upper
82 100
128 44.6 31.8 47.6
54 62.0 49.1 73.7

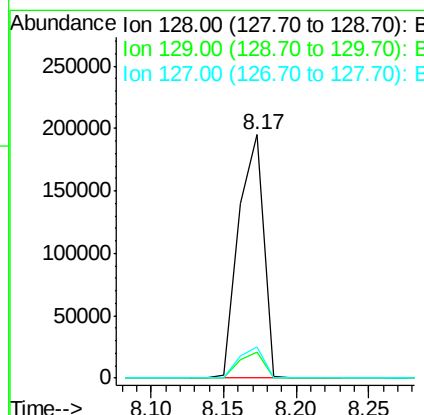
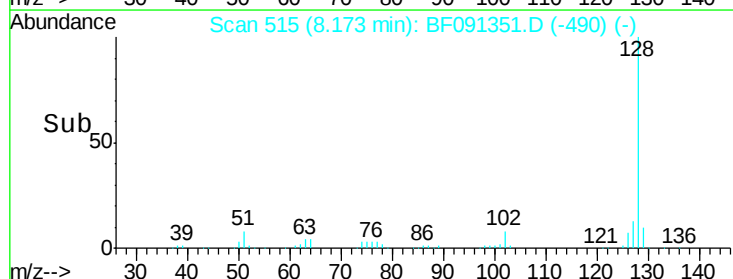
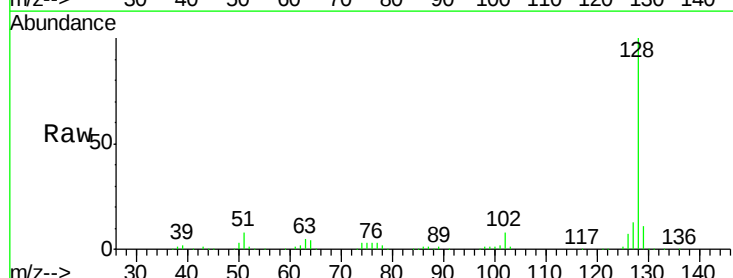
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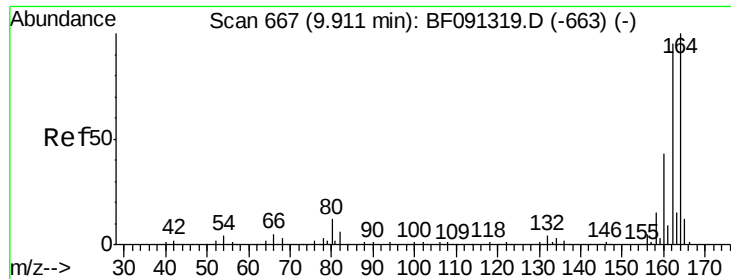
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#31
Naphthalene
Concen: 6.77 ng
RT: 8.17 min Scan# 515
Delta R.T. -0.02 min
Lab File: BF091351.D
Acq: 30 Nov 2016 13:46

Tgt Ion: 128 Resp: 232677
Ion Ratio Lower Upper
128 100
129 10.7 9.1 13.7
127 13.0 11.0 16.4





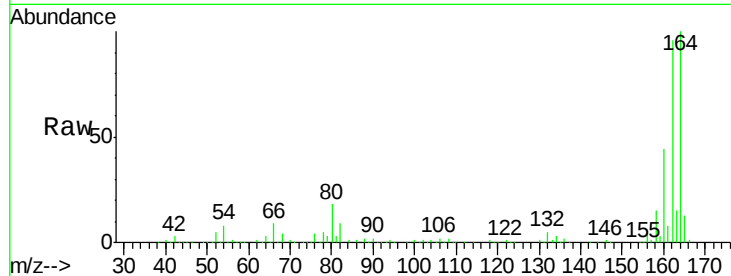
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 666
Delta R.T. -0.02 min
Lab File: BF091351.D
Acq: 30 Nov 2016 13:46

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-5

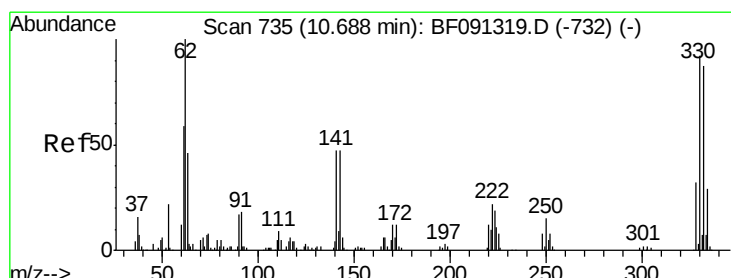
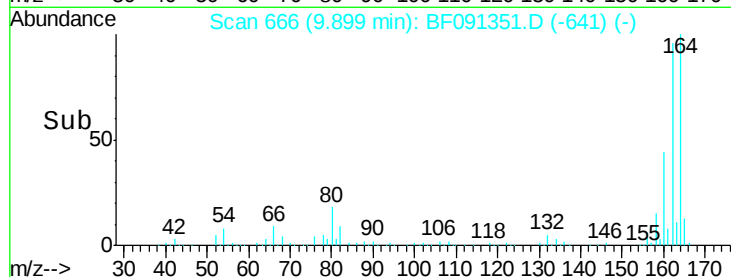
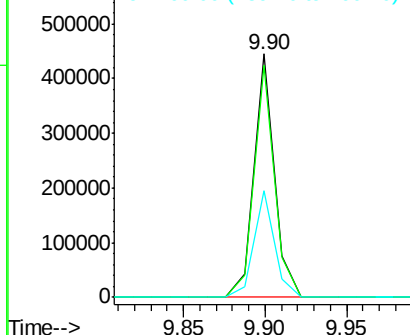
Tot Ion	Ratio	Lower	Upper
164	100		
162	95.5	82.6	124.0
160	43.6	36.7	55.1

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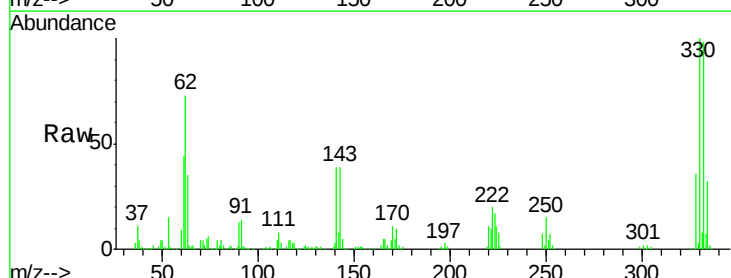


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

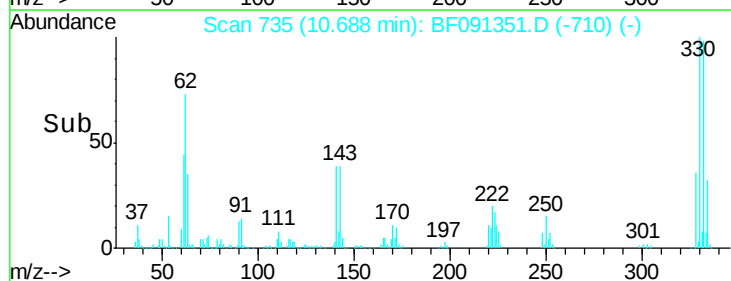
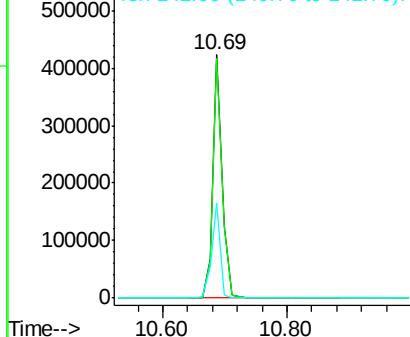


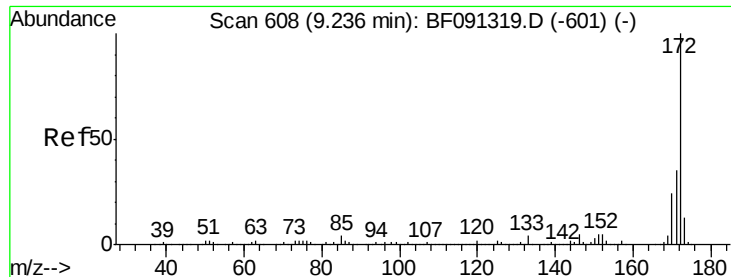
#41
2,4,6-Tribromophenol
Concen: 118.53 ng
RT: 10.69 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF091351.D
Acq: 30 Nov 2016 13:46

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.2	76.2	114.4
141	36.4	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





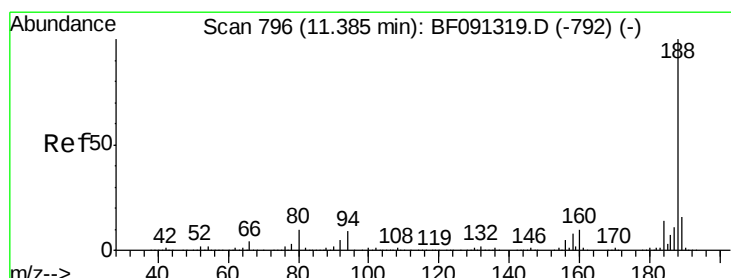
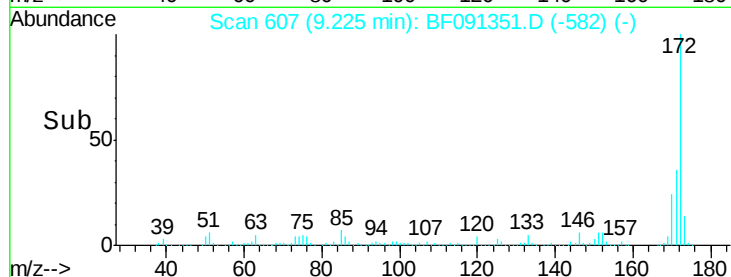
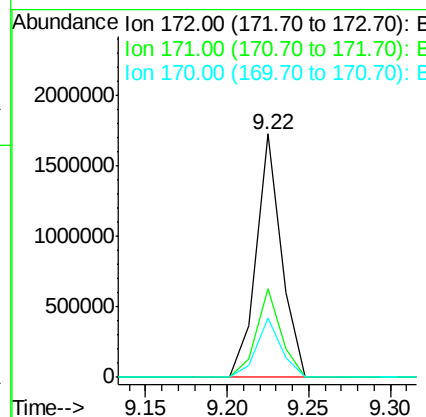
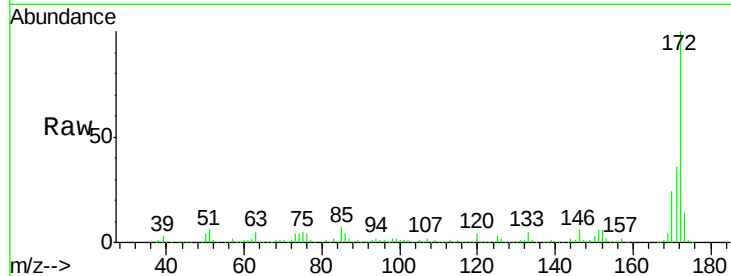
#44
2-Fluorobiphenyl
Concen: 86.80 ng
RT: 9.22 min Scan# 607
Delta R.T. -0.02 min
Lab File: BF091351.D
Acq: 30 Nov 2016 13:46

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-5

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	24.5	19.7	29.5

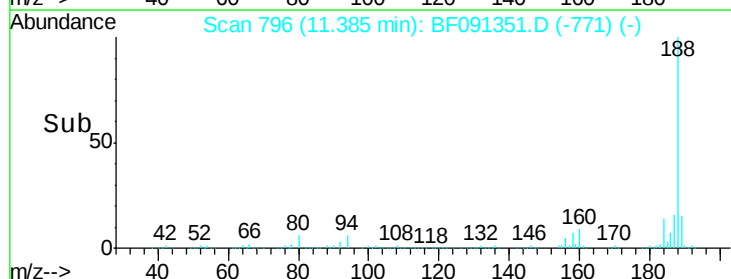
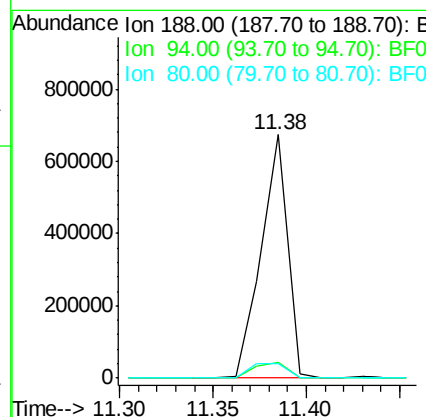
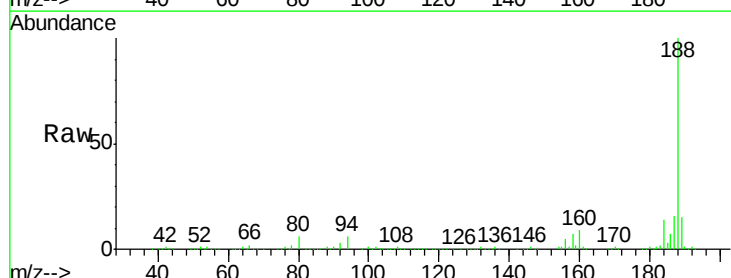
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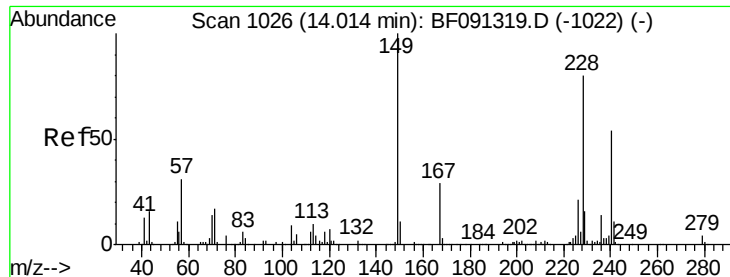
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF091351.D
Acq: 30 Nov 2016 13:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.5	9.2	13.8#
80	6.1	10.5	15.7#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1026

Delta R.T. -0.03 min

Lab File: BF091351.D

Acq: 30 Nov 2016 13:46

Instrument :

BNA_F

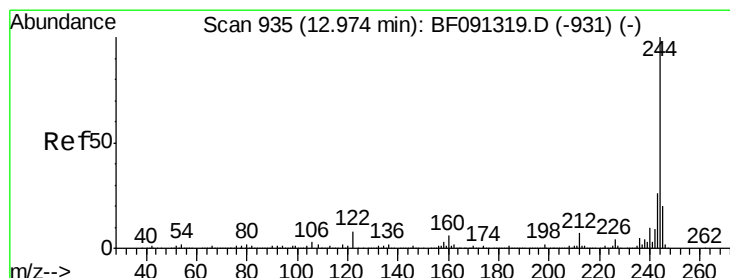
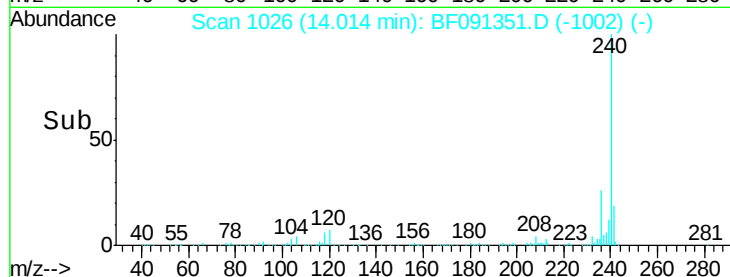
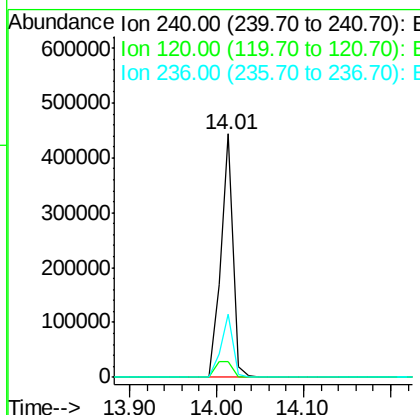
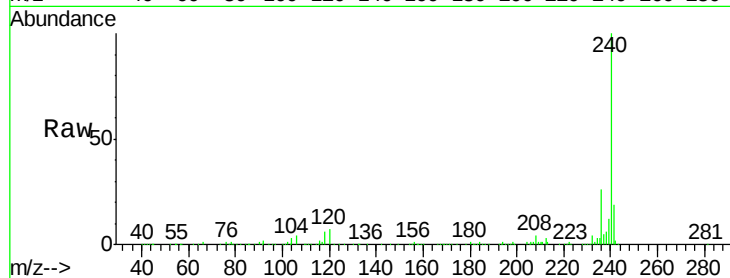
ClientSampleId :

GRID-MM4-5

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.7	12.1	18.1#
236	25.7	21.0	31.6

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#78

Terphenyl-d14

Concen: 96.73 ng

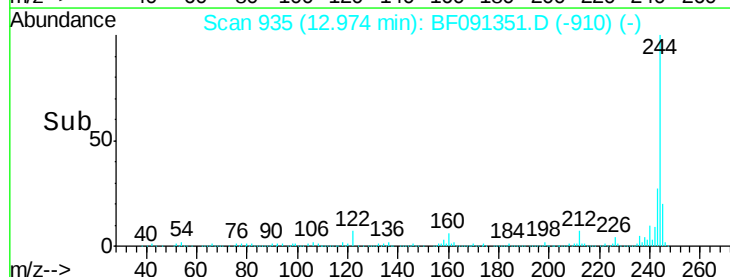
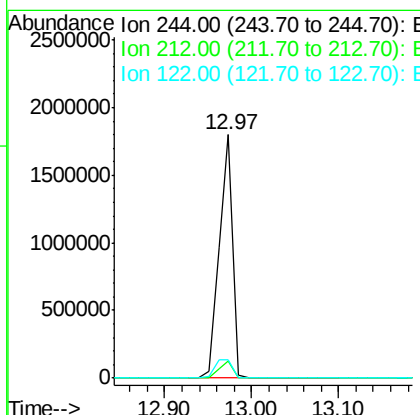
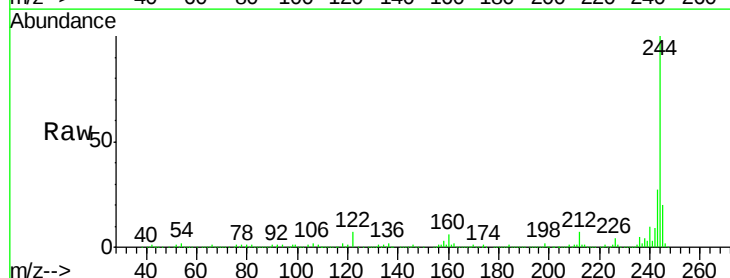
RT: 12.97 min Scan# 935

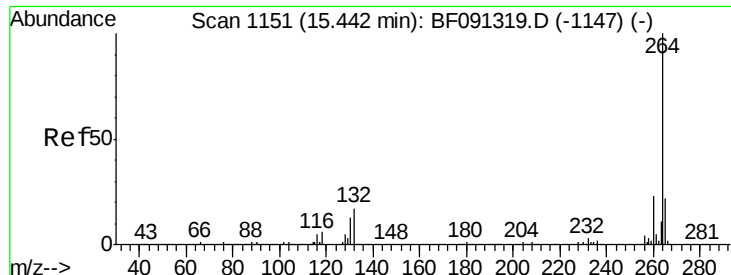
Delta R.T. -0.02 min

Lab File: BF091351.D

Acq: 30 Nov 2016 13:46

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.5	9.7
122	7.4	9.5	14.3#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1151
 Delta R.T. -0.03 min
 Lab File: BF091351.D
 Acq: 30 Nov 2016 13:46

Instrument :
 BNA_F
 ClientSampleId :
 GRID-MM4-5

Tot Ion:	264	Resp:	370627
Ion Ratio		Lower	Upper
264	100		
260	24.1	18.8	28.2
265	21.1	17.0	25.6

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