

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120716\
 Data File : BF091500.D
 Acq On : 8 Dec 2016 6:27
 Operator : UM/SJ
 Sample : H5867-10
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-OF-02-01

Manual Integrations
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Quant Time: Dec 08 06:54:57 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 08 00:35:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	168840m	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	664910	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	314165	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	558705	20.00	ng	0.00
75) Chrysene-d12	13.98	240	395930	20.00	ng	0.00
86) Perylene-d12	15.40	264	318912	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1136533	109.97	ng	0.02
7) Phenol-d6	6.47	99	1134542	89.18	ng	0.00
23) Nitrobenzene-d5	7.40	82	877475	73.96	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	354585	119.22	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1656104	95.45	ng	-0.01
78) Terphenyl-d14	12.94	244	1438699	78.98	ng	0.00

Target Compounds Qvalue

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

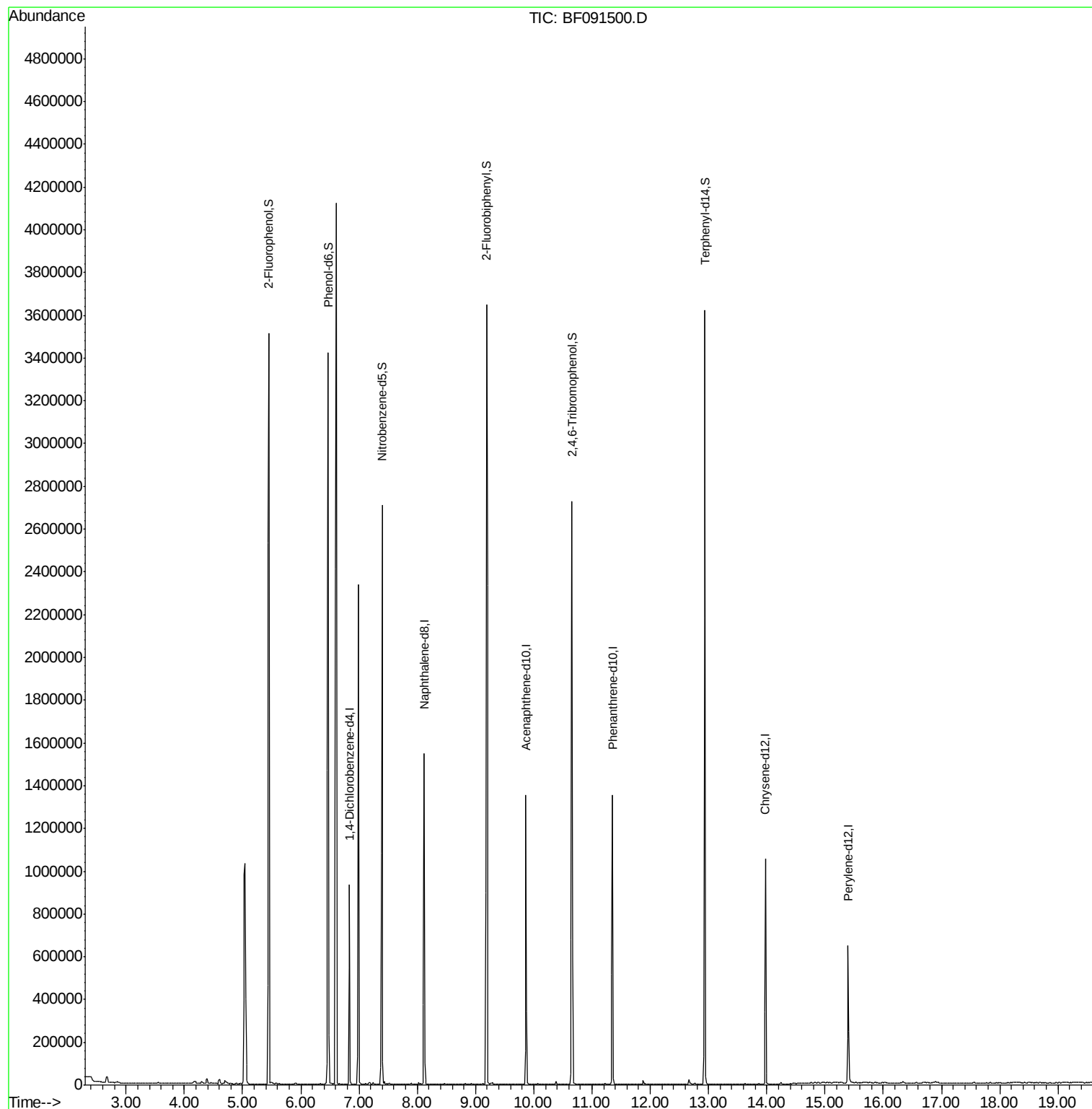
Data Path : Z:\HPCHEM1\BNA F\DATA\BF120716\
Data File : BF091500.D
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ALS Vial : 30 Sample Multiplier: 1

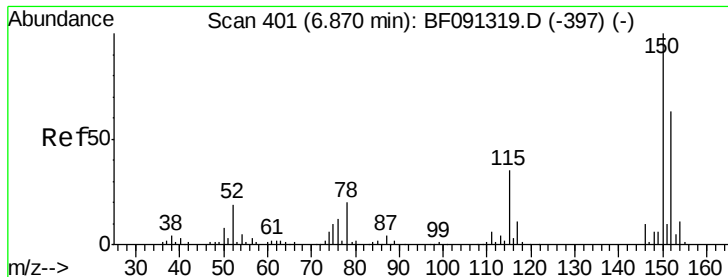
Instrument :
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#1

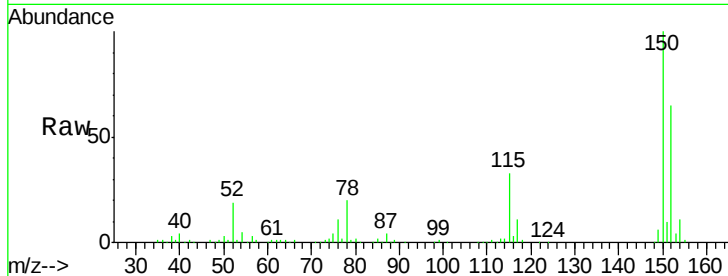
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/ml
RT: 6.84 min Scan# 398
Delta R.T. 0.00 min
Lab File: BF091500.D
Acq: 8 Dec 2016 6:27

Instrument :
BNA_F
ClientSampleId :
N002-WD-OF-02-01

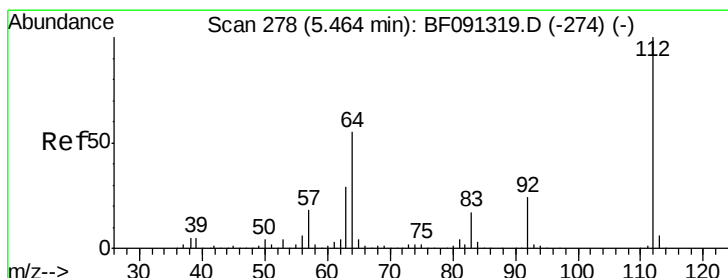
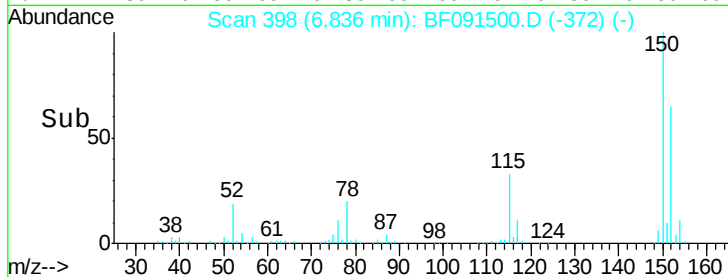
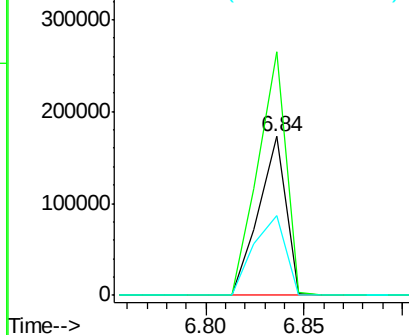
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	122.5	183.7
115	50.5	51.8	77.8

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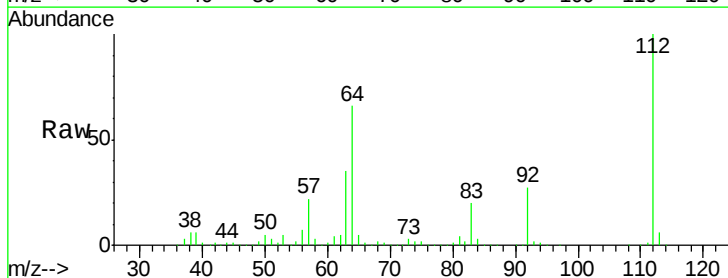
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



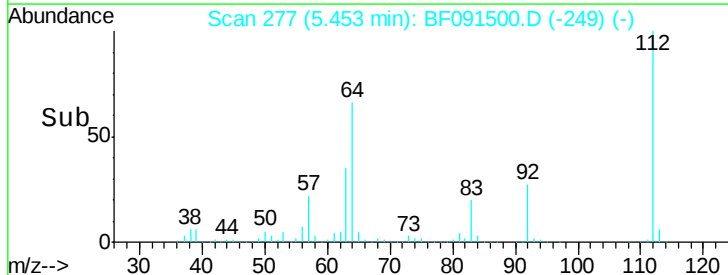
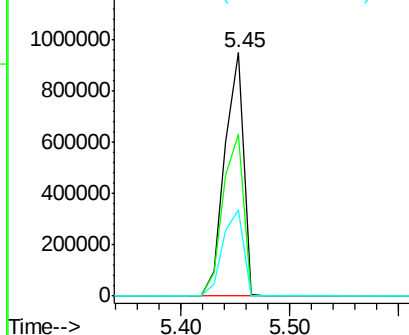
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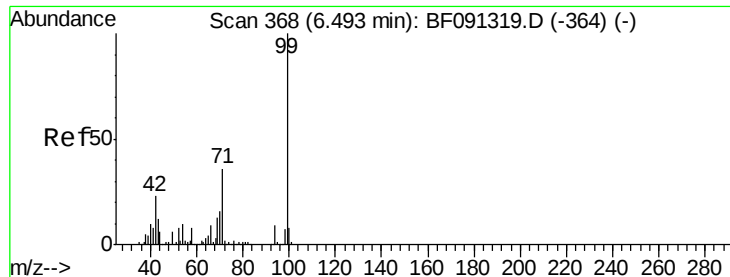
2-Fluorophenol
Concen: 109.97 ng
RT: 5.45 min Scan# 277
Delta R.T. 0.02 min
Lab File: BF091500.D
Acq: 8 Dec 2016 6:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.3	61.5	92.3
63	35.2	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: 89.18 ng

RT: 6.47 min Scan# 366

Delta R.T. 0.00 min

Lab File: BF091500.D

Acq: 8 Dec 2016 6:27

Instrument :

BNA_F

ClientSampleId :

N002-WD-OF-02-01

Tot Ion: 99 Resp: 1134542

Ion Ratio Lower Upper

99 100

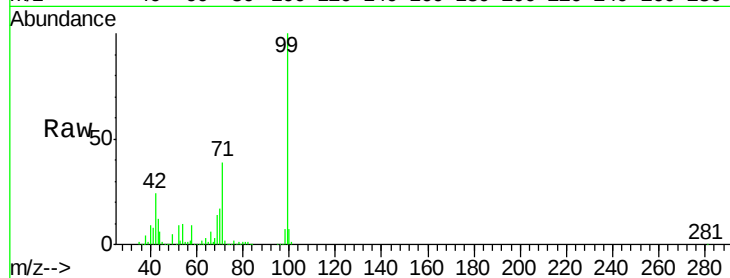
42 23.8 20.6 31.0

71 38.8 29.9 44.9

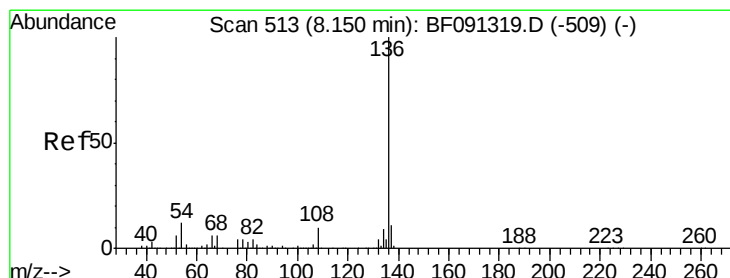
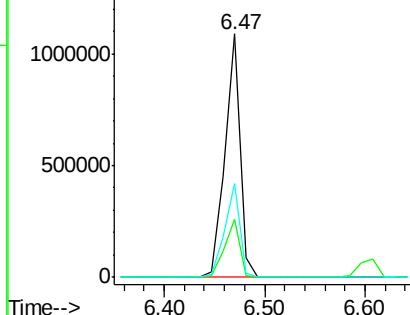
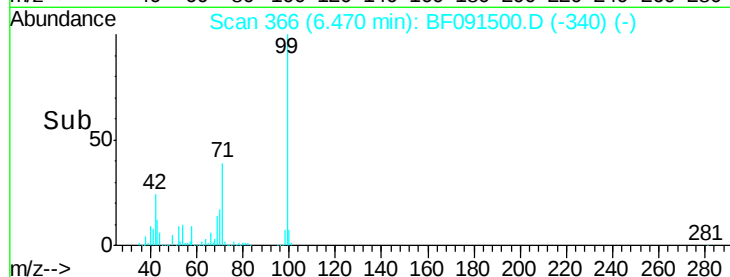
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF091500.D

Acq: 8 Dec 2016 6:27

Tgt Ion: 136 Resp: 664910

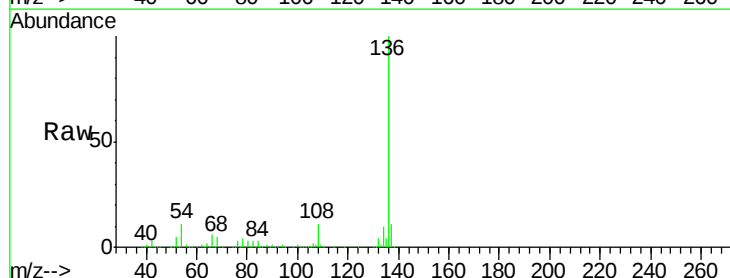
Ion Ratio Lower Upper

136 100

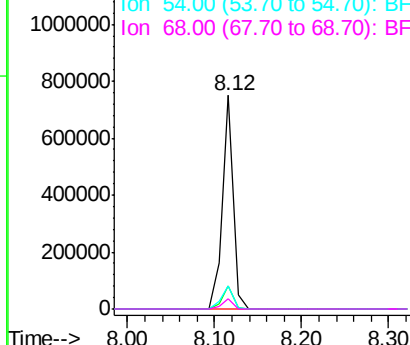
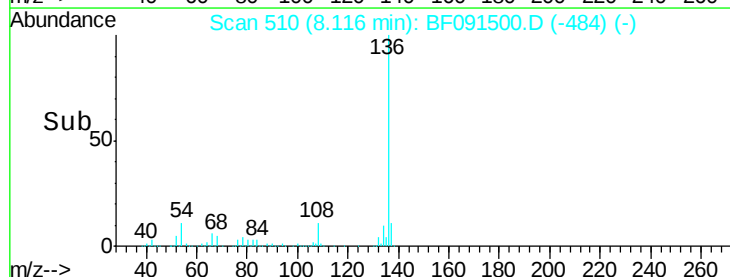
137 10.8 9.1 13.7

54 10.8 9.1 13.7

68 4.8 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





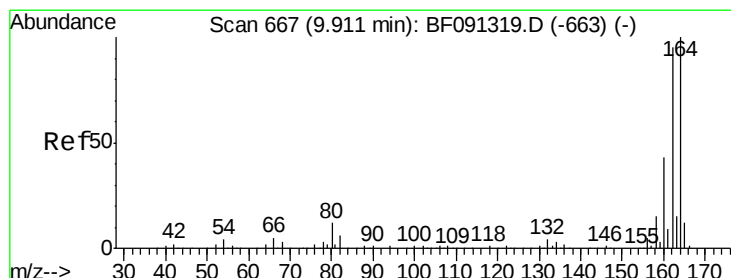
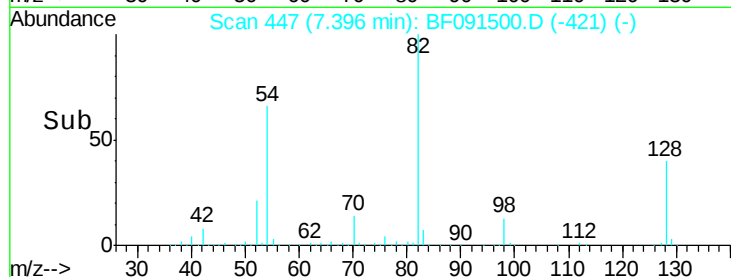
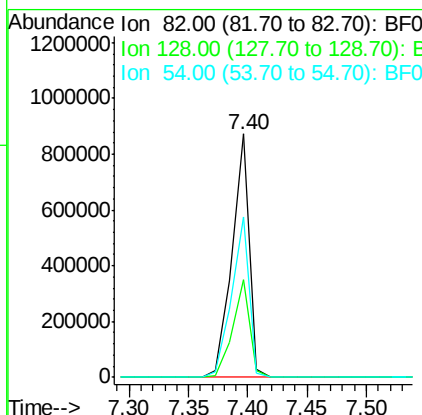
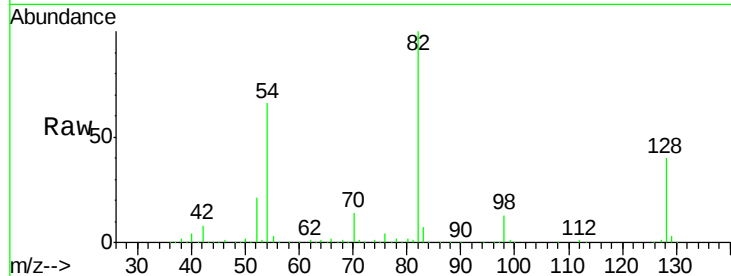
#23
 Nitrobenzene-d5
 Concen: 73.96 ng
 RT: 7.40 min Scan# 447
 Delta R.T. 0.00 min
 Lab File: BF091500.D
 Acq: 8 Dec 2016 6:27

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-OF-02-01

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.2	31.8	47.6
54	66.1	49.1	73.7

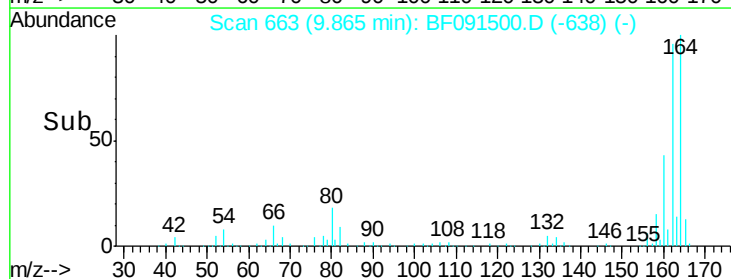
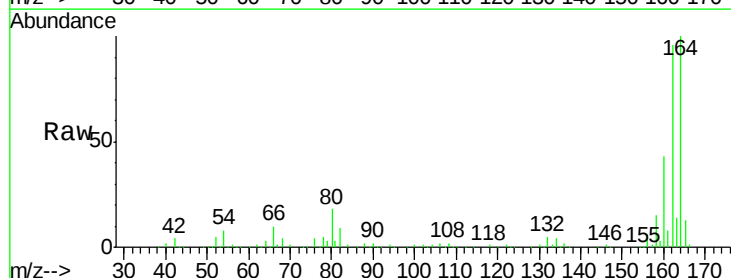
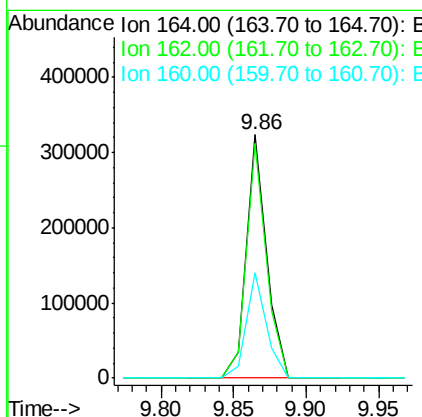
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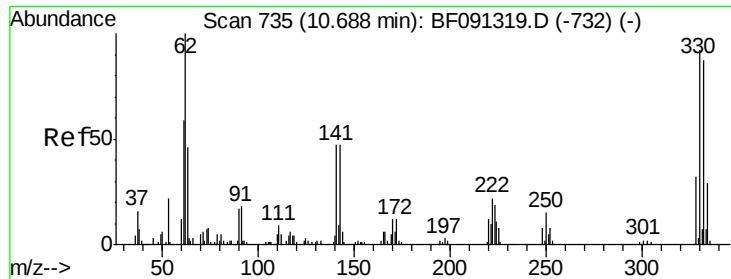
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF091500.D
 Acq: 8 Dec 2016 6:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.4	82.6	124.0
160	43.1	36.7	55.1





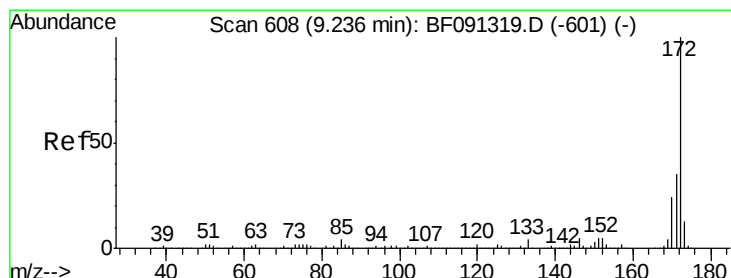
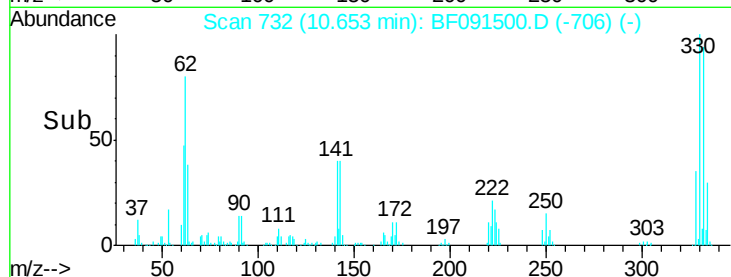
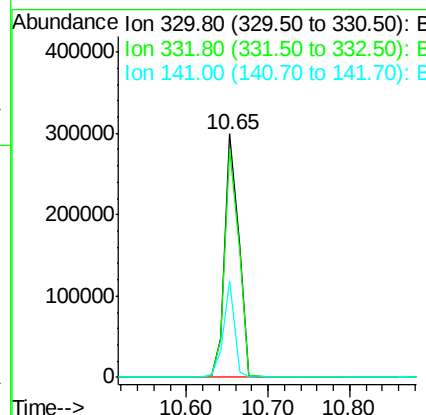
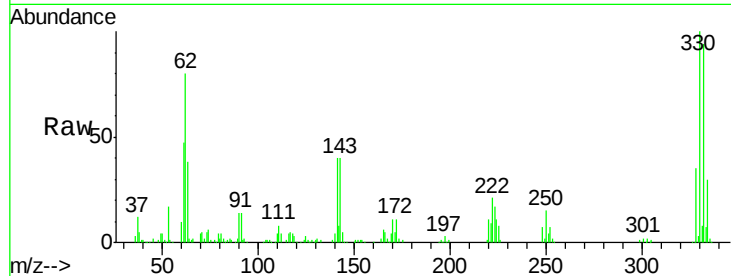
#41
 2,4,6-Tribromophenol
 Concen: 119.22 ng
 RT: 10.65 min Scan# 732
 Delta R.T. 0.00 min
 Lab File: BF091500.D
 Acq: 8 Dec 2016 6:27

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-OF-02-01

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.9	76.2	114.4	
141	31.2	33.6	50.4	

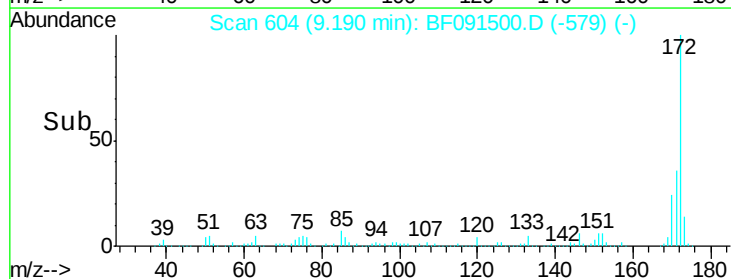
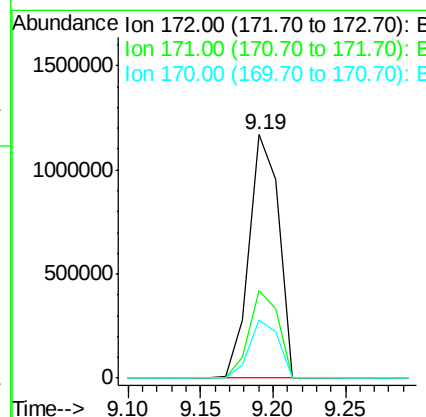
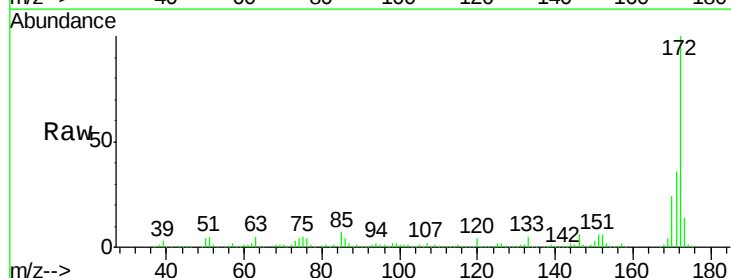
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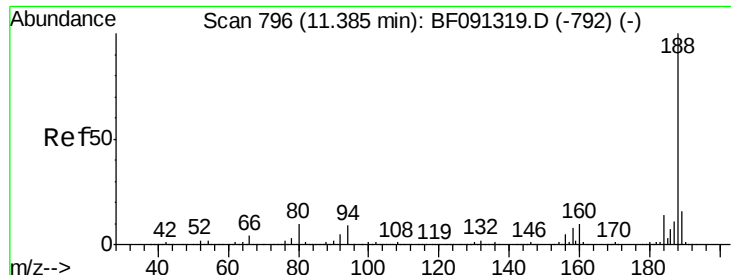
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#44
 2-Fluorobiphenyl
 Concen: 95.45 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF091500.D
 Acq: 8 Dec 2016 6:27

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.9	29.4	44.0	
170	23.9	19.7	29.5	





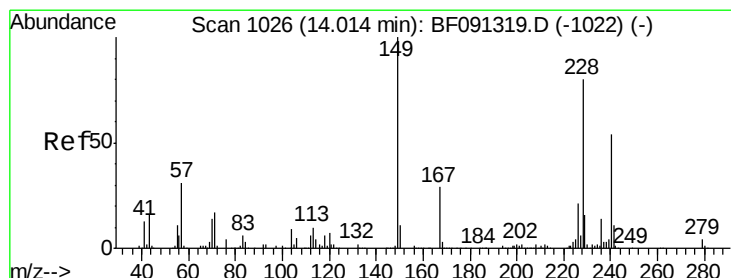
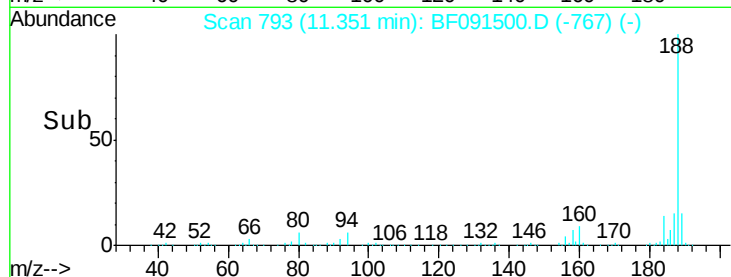
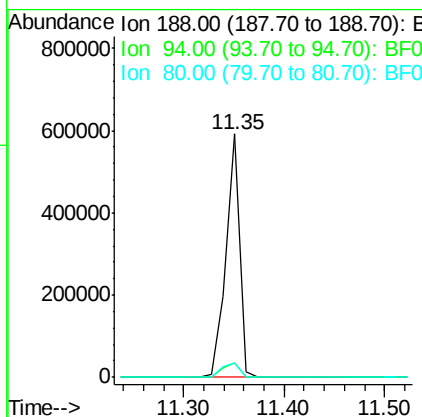
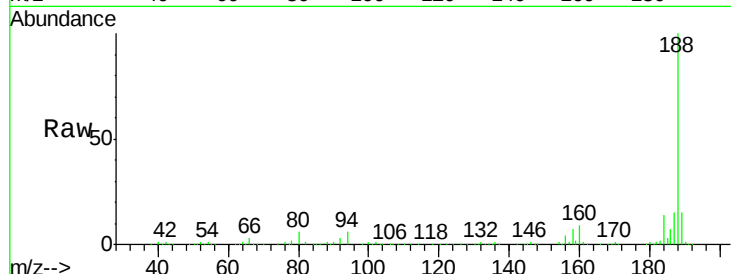
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF091500.D
Acq: 8 Dec 2016 6:27

Instrument :
BNA_F
ClientSampleId :
N002-WD-OF-02-01

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	6.2	9.2	13.8#
80	6.1	10.5	15.7#

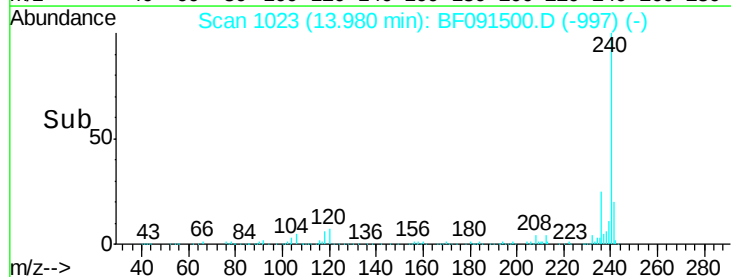
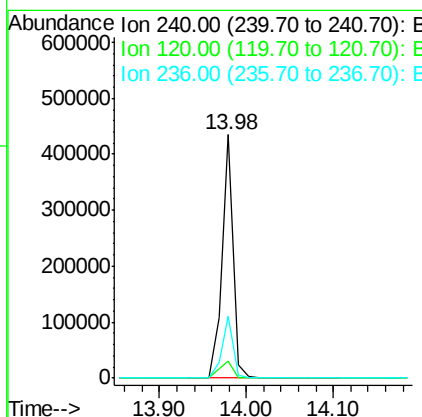
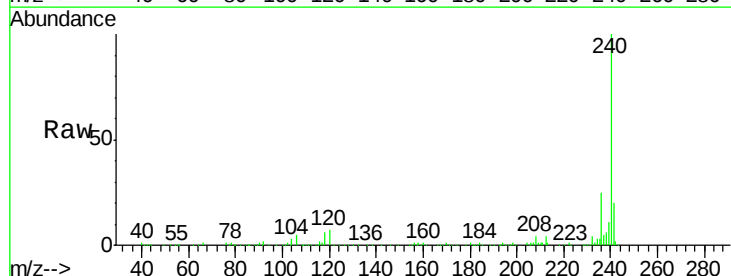
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF091500.D
Acq: 8 Dec 2016 6:27

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	6.8	12.1	18.1#
236	25.4	21.0	31.6





#78

Terphenyl-d14

Concen: 78.98 ng

RT: 12.94 min Scan# 932

Delta R.T. 0.00 min

Lab File: BF091500.D

Acq: 8 Dec 2016 6:27

Instrument :

BNA_F

ClientSampleId :

N002-WD-OF-02-01

Tot Ion:244 Resp: 1438699

Ion Ratio Lower Upper

244 100

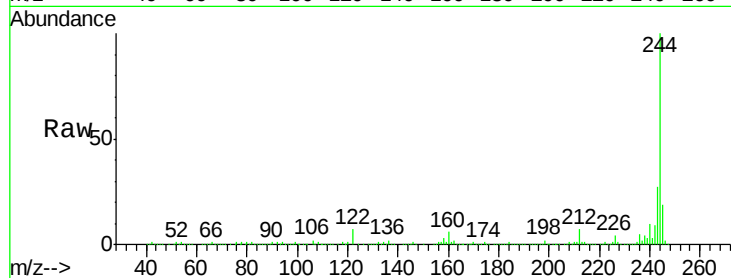
212 6.8 6.5 9.7

122 6.7 9.5 14.3#

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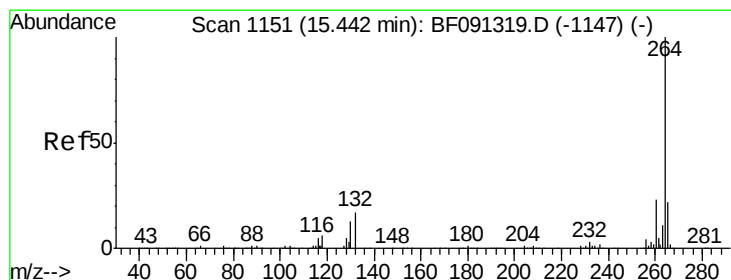
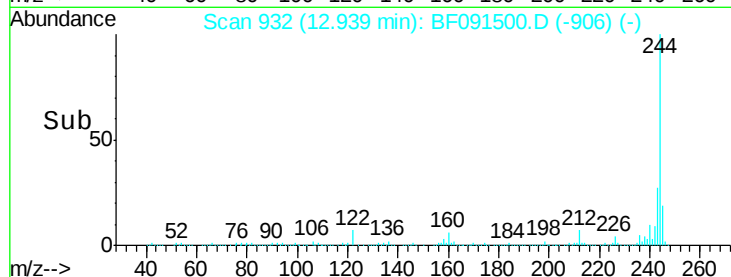
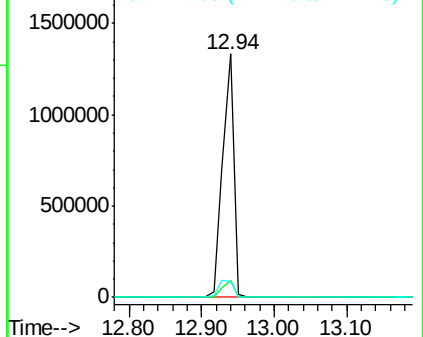
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Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.40 min Scan# 1147

Delta R.T. 0.00 min

Lab File: BF091500.D

Acq: 8 Dec 2016 6:27

Tgt Ion:264 Resp: 318912

Ion Ratio Lower Upper

264 100

260 22.5 18.8 28.2

265 21.3 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

