

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120716\
 Data File : BF091474.D
 Acq On : 7 Dec 2016 17:26
 Operator : UM/SJ
 Sample : H5867-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-01-01

Quant Time: Dec 08 00:42:16 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	170687	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	708069	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	384640	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	783453	20.00	ng	0.00
75) Chrysene-d12	13.98	240	613450	20.00	ng	0.00
86) Perylene-d12	15.40	264	154539	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	986012	94.37	ng	0.01
7) Phenol-d6	6.47	99	1148253	89.28	ng	0.00
23) Nitrobenzene-d5	7.40	82	821985	65.06	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	469372	128.90	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1580189	74.39	ng	-0.01
78) Terphenyl-d14	12.94	244	1753055	62.11	ng	0.00

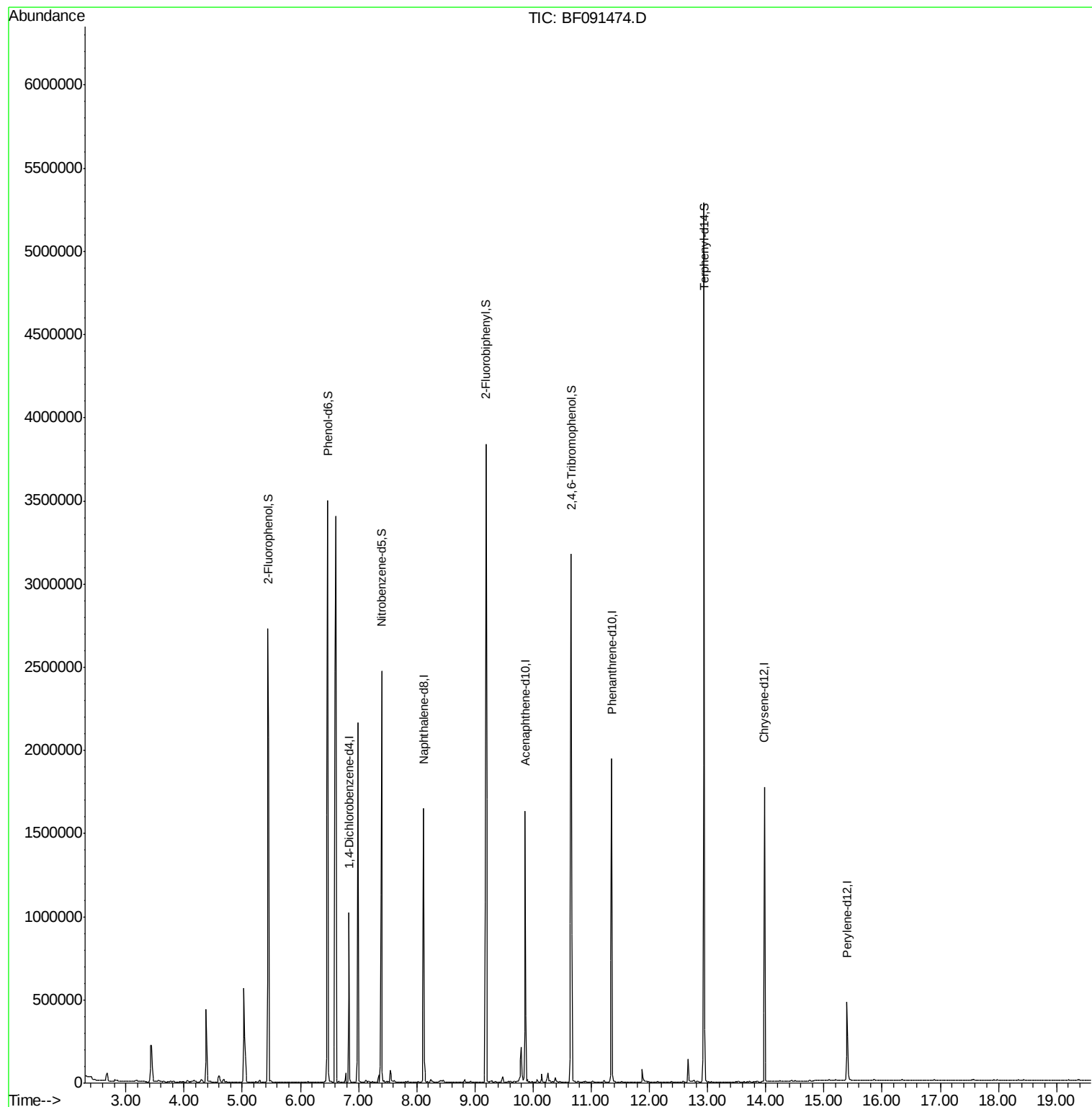
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF091474.D

Acq: 7 Dec 2016 17:26

Instrument :

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ClientSampleId :

N002-WD-A5-01-01

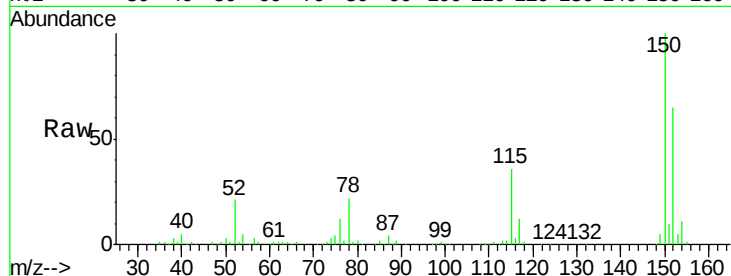
Tot Ion:152 Resp: 170687

Ion Ratio Lower Upper

152 100

150 154.8 122.5 183.7

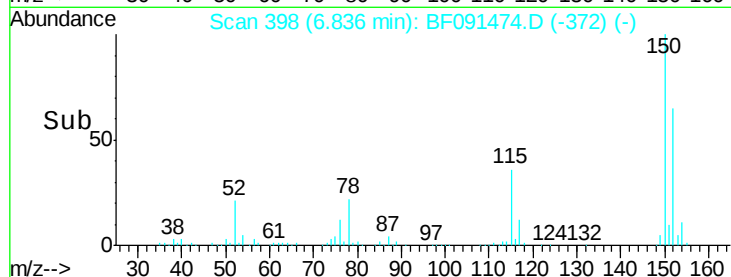
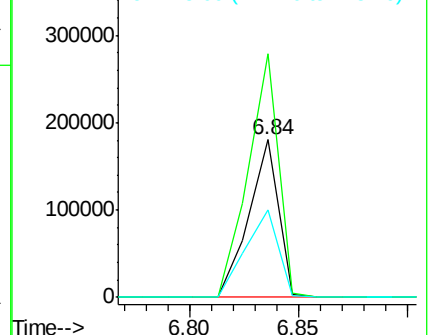
115 56.0 51.8 77.8



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: 94.37 ng

RT: 5.44 min Scan# 276

Delta R.T. 0.01 min

Lab File: BF091474.D

Acq: 7 Dec 2016 17:26

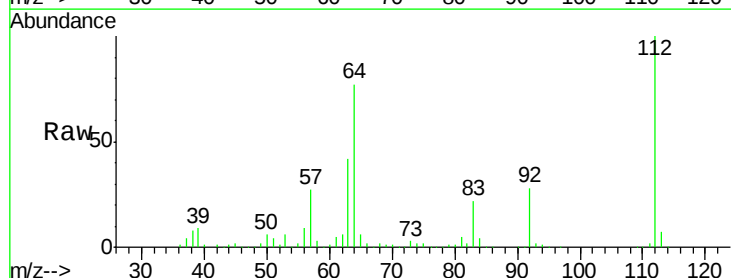
Tgt Ion:112 Resp: 986012

Ion Ratio Lower Upper

112 100

64 76.8 61.5 92.3

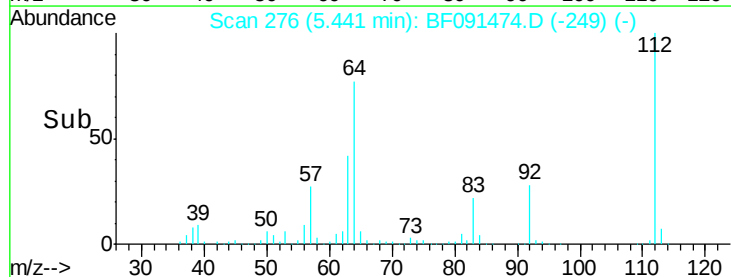
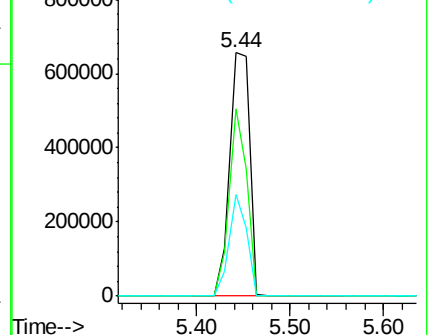
63 41.6 33.3 49.9

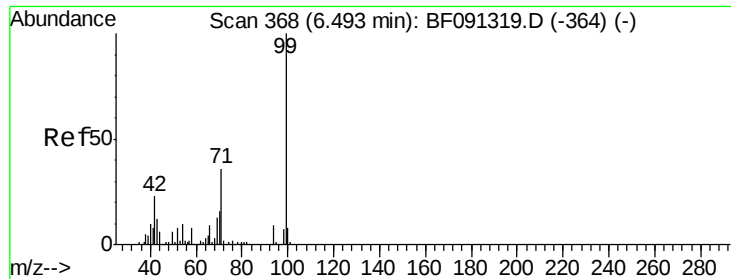


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 89.28 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.00 min

Lab File: BF091474.D

Acq: 7 Dec 2016 17:26

Instrument :

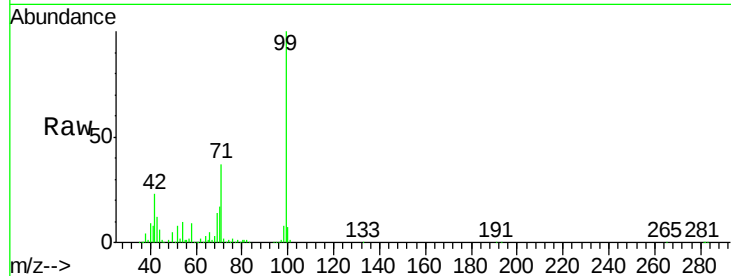
BNA_F

ClientSampleId :

N002-WD-A5-01-01

Tot Ion: 99 Resp: 1148253

Ion	Ratio	Lower	Upper
99	100		
42	23.3	20.6	31.0
71	37.4	29.9	44.9

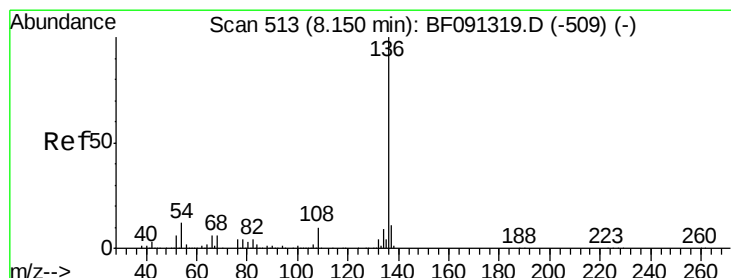
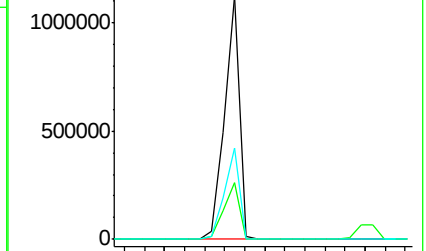
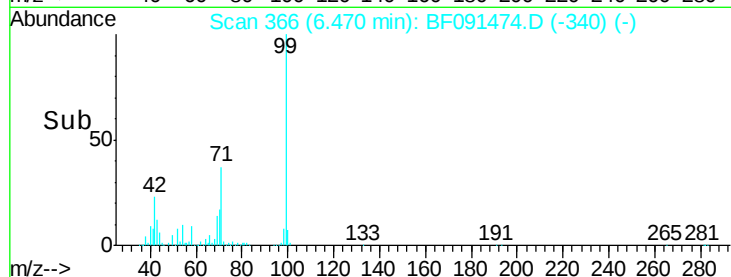


Abundance

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

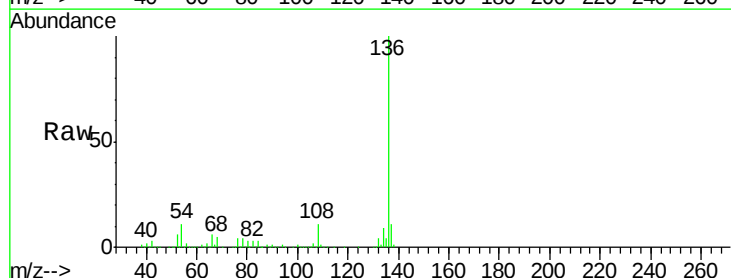
Delta R.T. -0.00 min

Lab File: BF091474.D

Acq: 7 Dec 2016 17:26

Tgt Ion: 136 Resp: 708069

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	11.2	9.1	13.7
68	5.0	5.9	8.9#



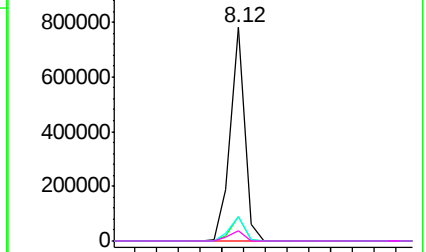
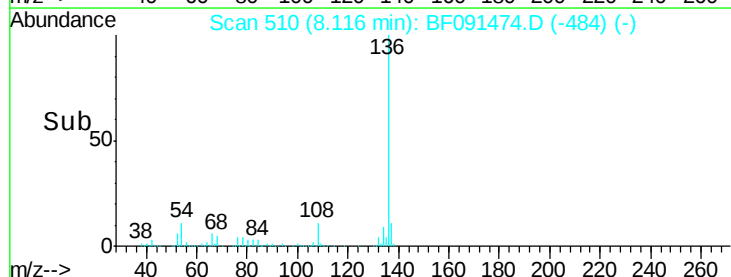
Abundance

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

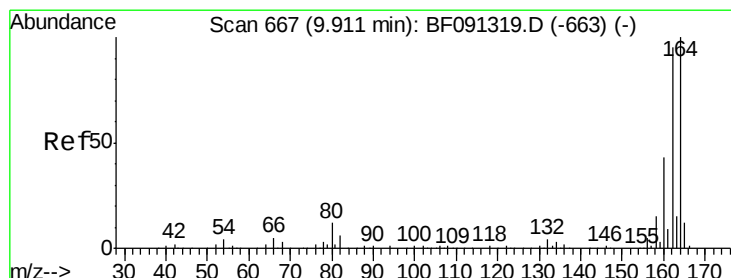
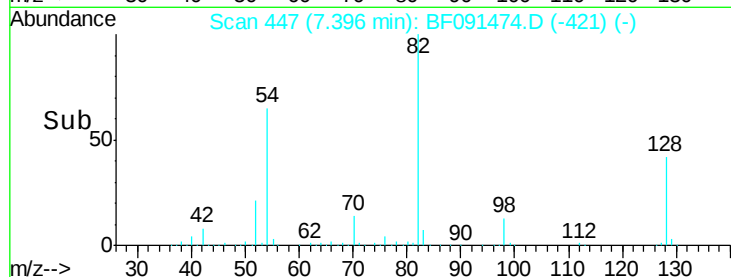
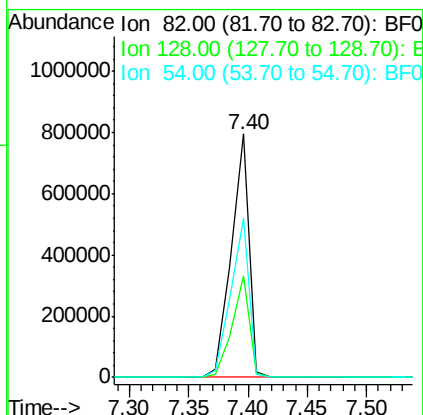
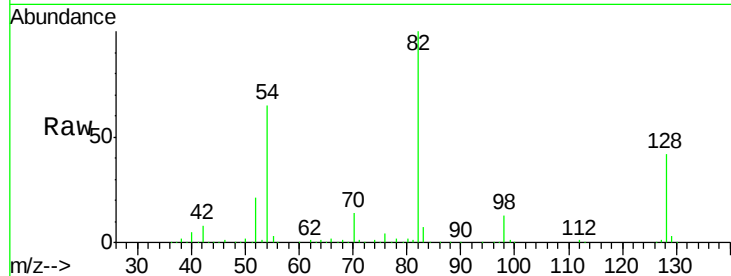




#23
 Nitrobenzene-d5
 Concen: 65.06 ng
 RT: 7.40 min Scan# 447
 Delta R.T. -0.00 min
 Lab File: BF091474.D
 Acq: 7 Dec 2016 17:26

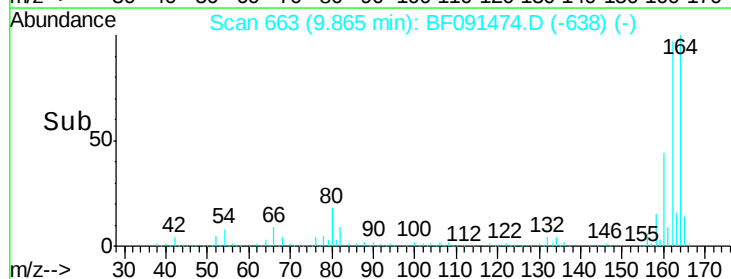
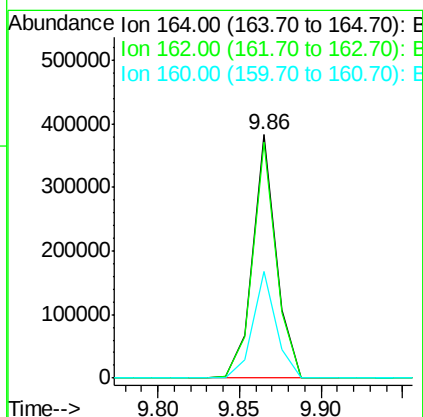
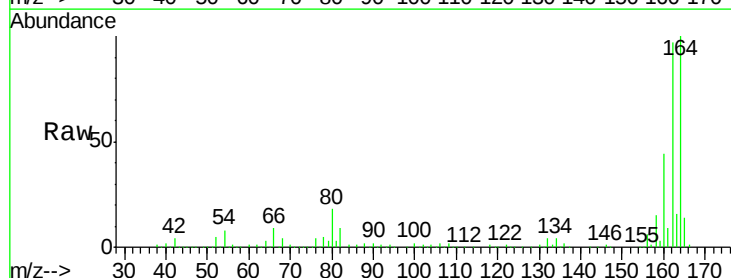
Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-01-01

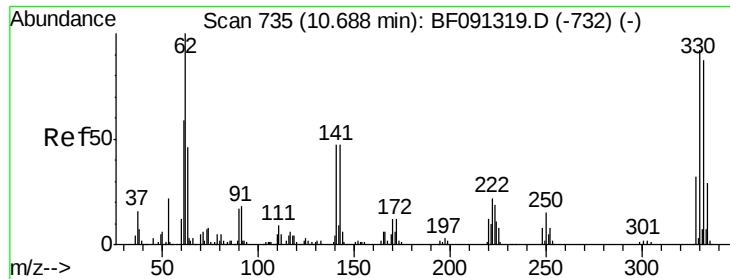
Tot Ion: 82 Resp: 821985
 Ion Ratio Lower Upper
 82 100
 128 41.5 31.8 47.6
 54 65.5 49.1 73.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF091474.D
 Acq: 7 Dec 2016 17:26

Tgt Ion: 164 Resp: 384640
 Ion Ratio Lower Upper
 164 100
 162 96.7 82.6 124.0
 160 43.7 36.7 55.1

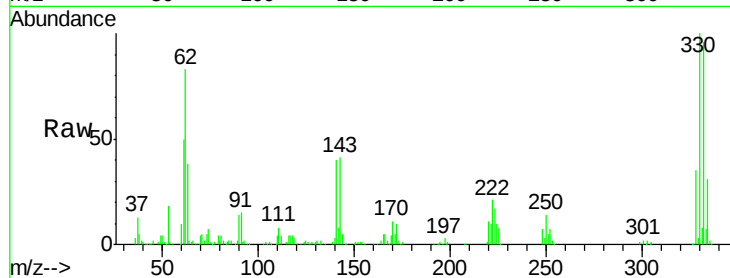




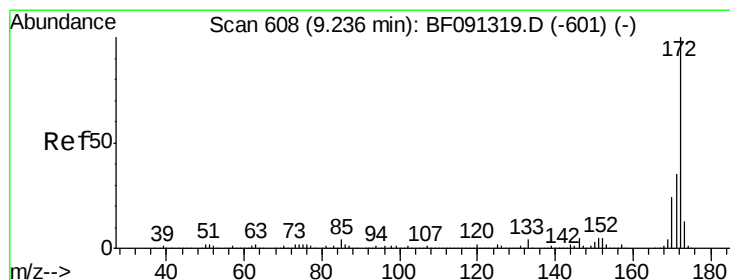
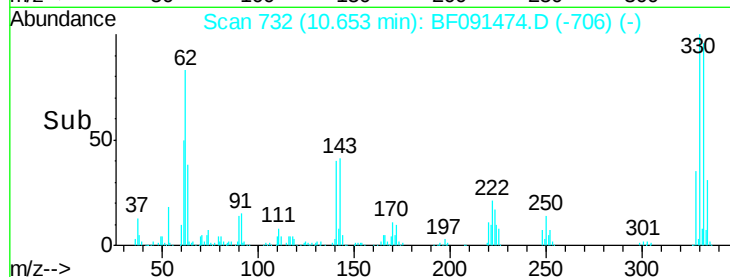
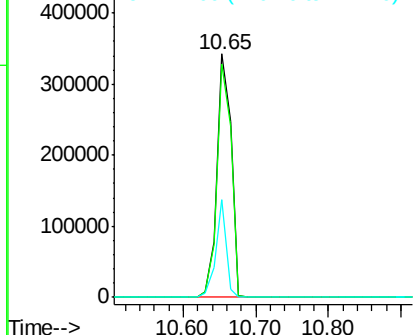
#41
 2,4,6-Tribromophenol
 Concen: 128.90 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF091474.D
 Acq: 7 Dec 2016 17:26

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-01-01

Tot Ion:330 Resp: 469372
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.2 114.4
 141 29.2 33.6 50.4#

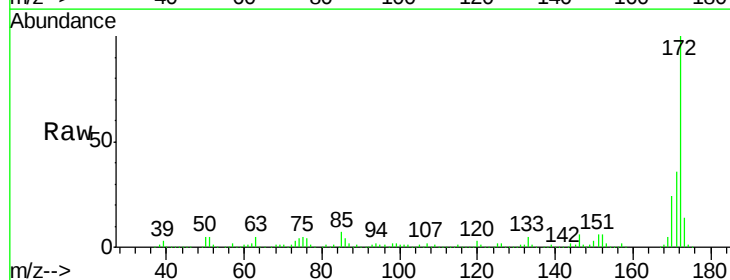


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

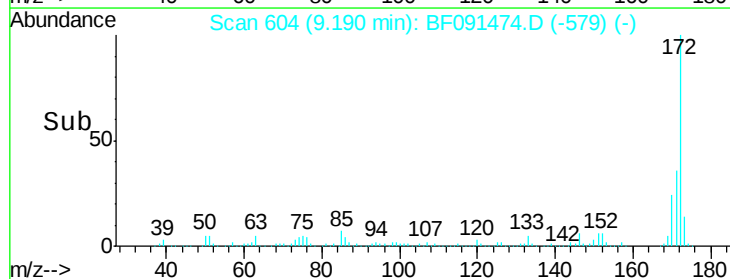
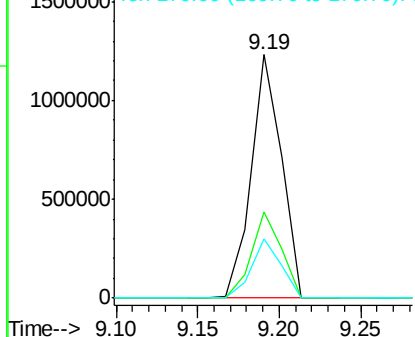


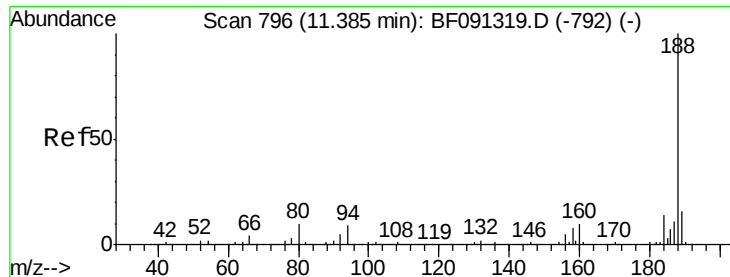
#44
 2-Fluorobiphenyl
 Concen: 74.39 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF091474.D
 Acq: 7 Dec 2016 17:26

Tgt Ion:172 Resp: 1580189
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.4 44.0
 170 24.2 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

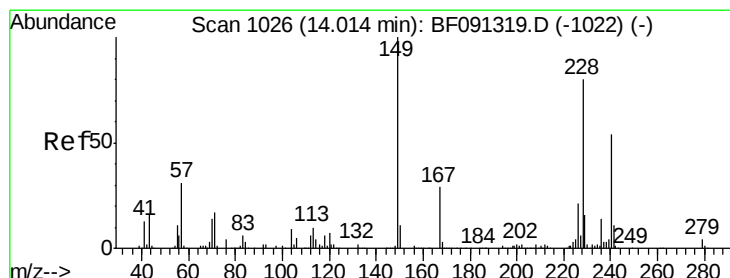
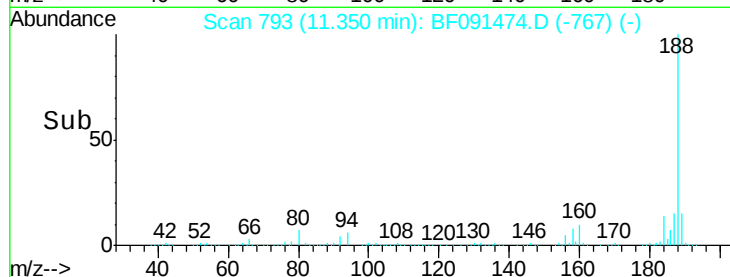
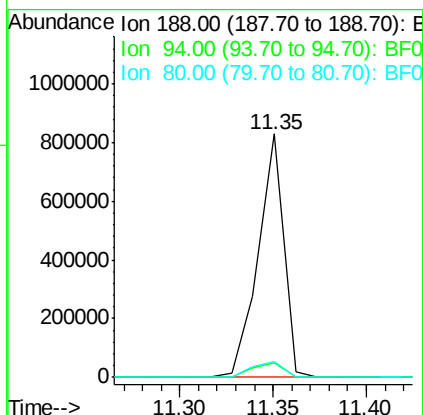
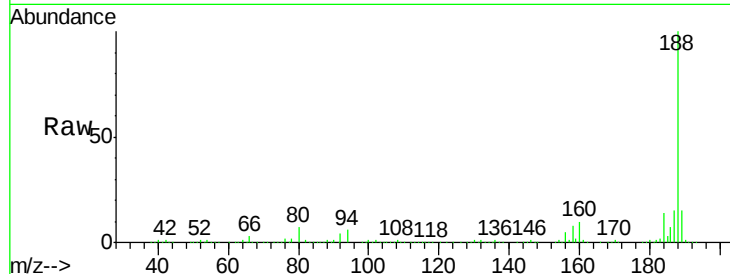




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF091474.D
Acq: 7 Dec 2016 17:26

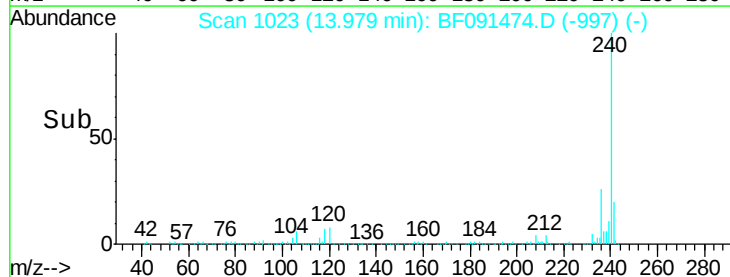
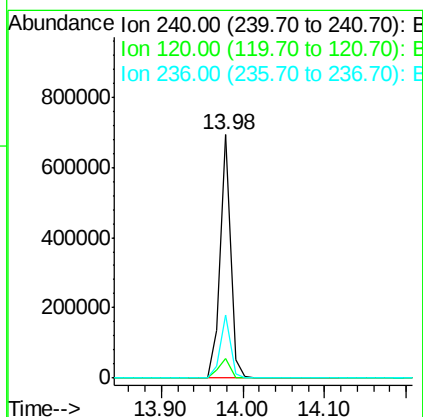
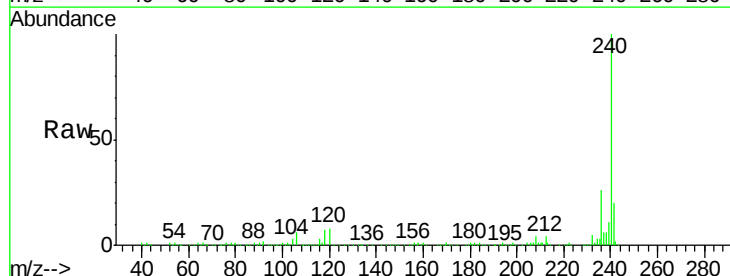
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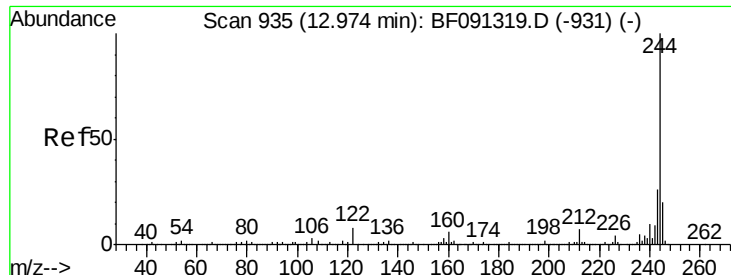
Tot Ion:188 Resp: 783453
Ion Ratio Lower Upper
188 100
94 6.2 9.2 13.8#
80 6.6 10.5 15.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF091474.D
Acq: 7 Dec 2016 17:26

Tgt Ion:240 Resp: 613450
Ion Ratio Lower Upper
240 100
120 8.3 12.1 18.1#
236 25.7 21.0 31.6

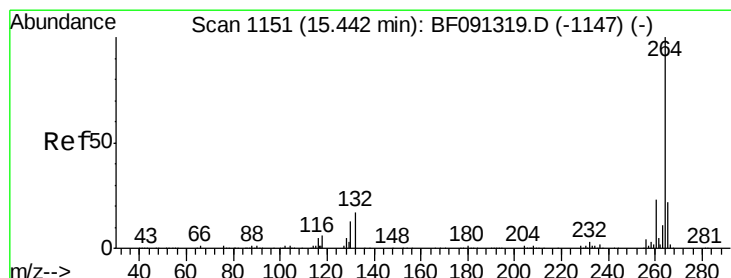
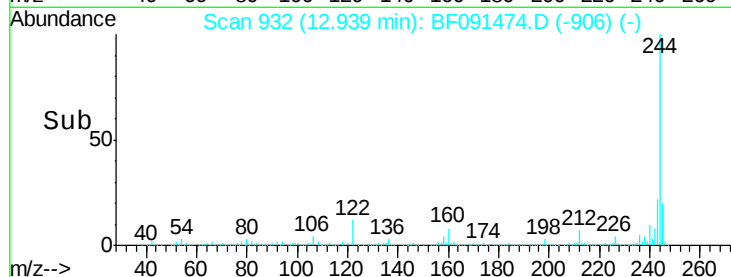
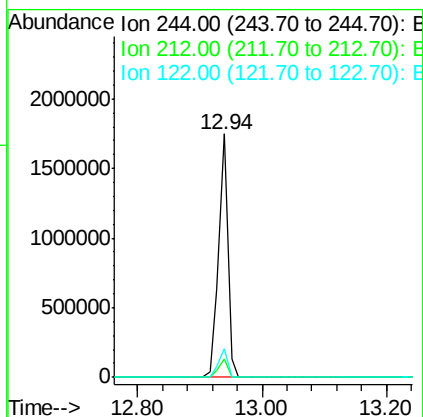
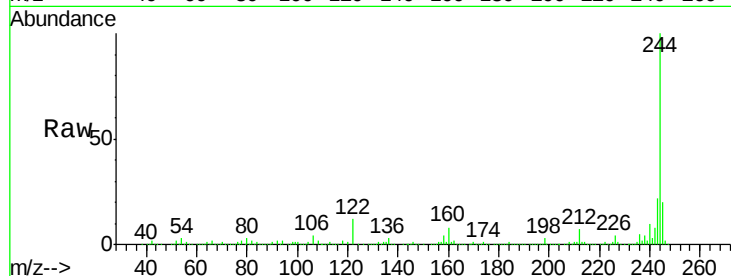




#78
 Terphenyl-d14
 Concen: 62.11 ng
 RT: 12.94 min Scan# 932
 Delta R.T. -0.00 min
 Lab File: BF091474.D
 Acq: 7 Dec 2016 17:26

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-01-01

Tot Ion:244 Resp: 1753055
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 11.9 9.5 14.3



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BF091474.D
 Acq: 7 Dec 2016 17:26

Tgt Ion:264 Resp: 154539
 Ion Ratio Lower Upper
 264 100
 260 30.4 18.8 28.2#
 265 20.3 17.0 25.6

