

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113016\
 Data File : BF091364.D
 Acq On : 30 Nov 2016 19:47
 Operator : UM/SJ
 Sample : H5779-04
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 112816-DSDC-F-U-S

Quant Time: Dec 01 00:49:19 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	6.86	152	188192	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	781799	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	376872	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	581232	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	423148	20.00	ng	-0.03
86) Perylene-d12	15.44	264	396357	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	423229	36.74	ng	-0.02
7) Phenol-d6	6.48	99	367123	25.89	ng	-0.02
23) Nitrobenzene-d5	7.43	82	1357553	97.31	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	274736	77.00	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	2238111	107.53	ng	-0.02
78) Terphenyl-d14	12.97	244	1671138	85.84	ng	-0.02

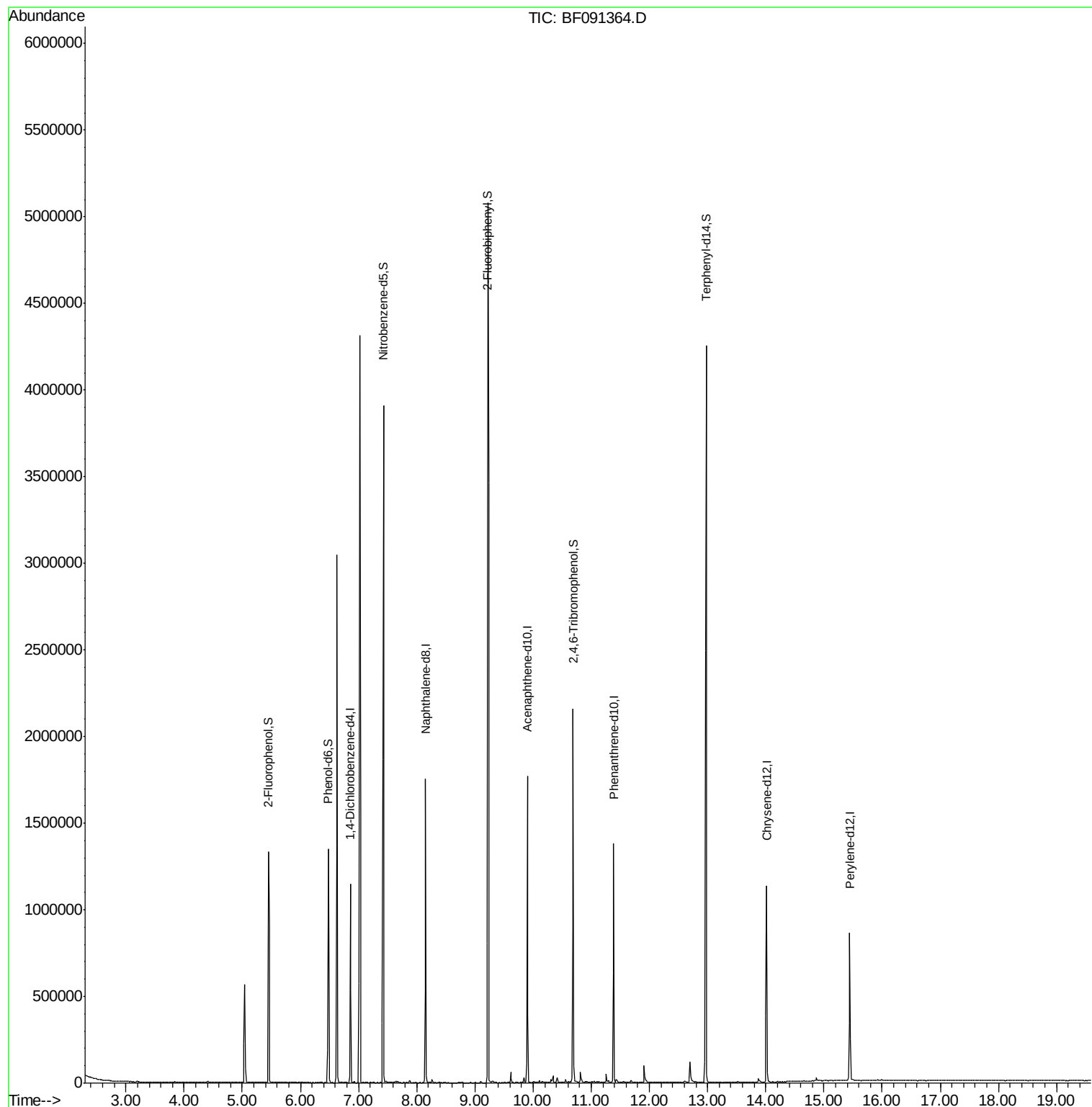
Target Compounds Qvalue

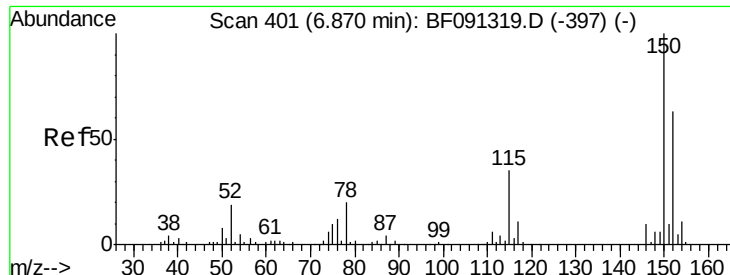
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF091364.D

Acq: 30 Nov 2016 19:47

Instrument :

BNA_F

ClientSampleId :

112816-DSDC-F-U-S

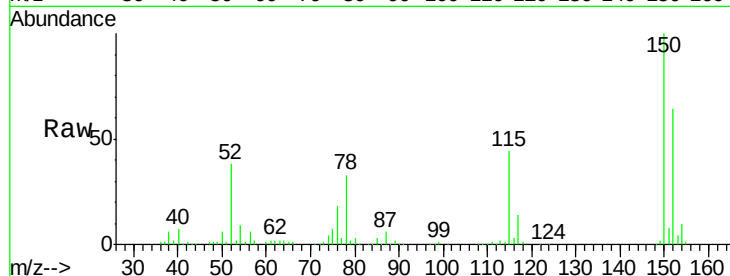
Tot Ion:152 Resp: 188192

Ion Ratio Lower Upper

152 100

150 157.2 122.5 183.7

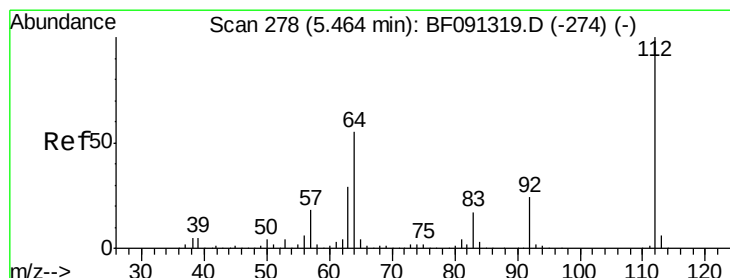
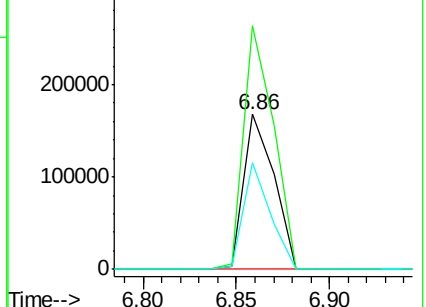
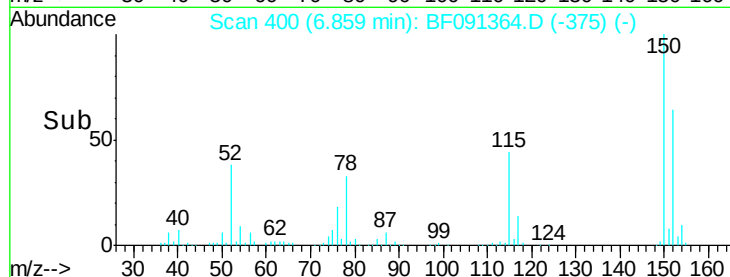
115 69.1 51.8 77.8



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: 36.74 ng

RT: 5.45 min Scan# 277

Delta R.T. -0.02 min

Lab File: BF091364.D

Acq: 30 Nov 2016 19:47

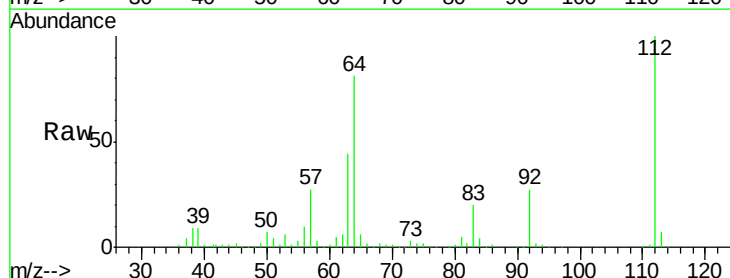
Tgt Ion:112 Resp: 423229

Ion Ratio Lower Upper

112 100

64 81.2 61.5 92.3

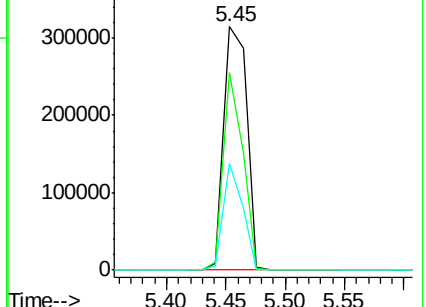
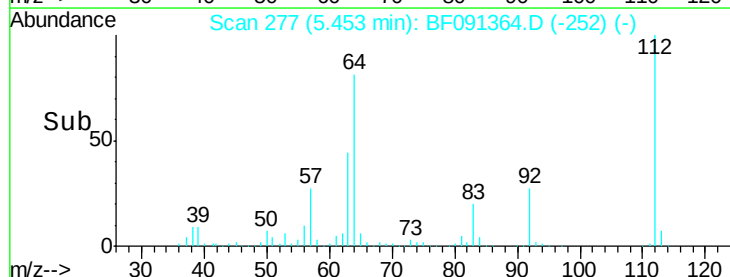
63 43.6 33.3 49.9

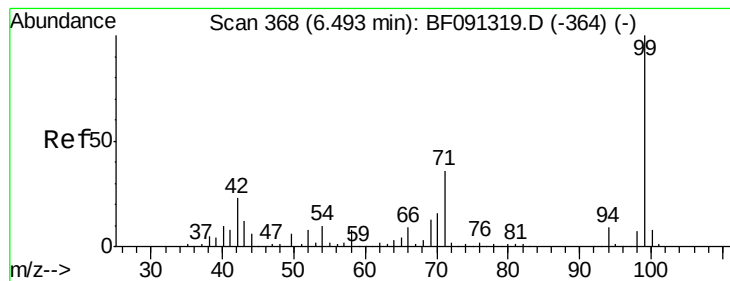


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 25.89 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.02 min

Lab File: BF091364.D

Acq: 30 Nov 2016 19:47

Instrument :

BNA_F

ClientSampleId :

112816-DSDC-F-U-S

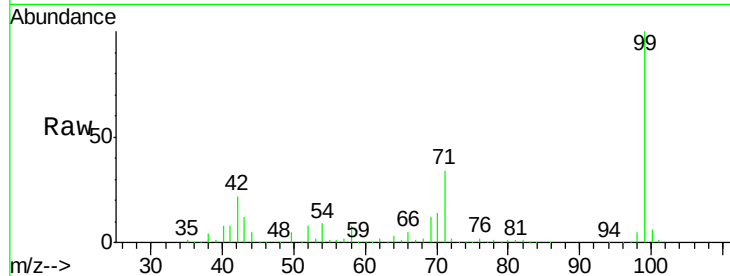
Tot Ion: 99 Resp: 367123

Ion Ratio Lower Upper

99 100

42 21.9 20.6 31.0

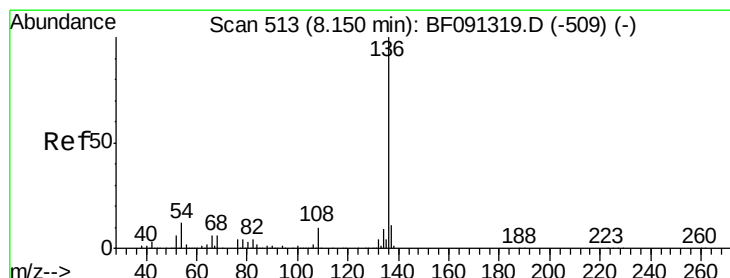
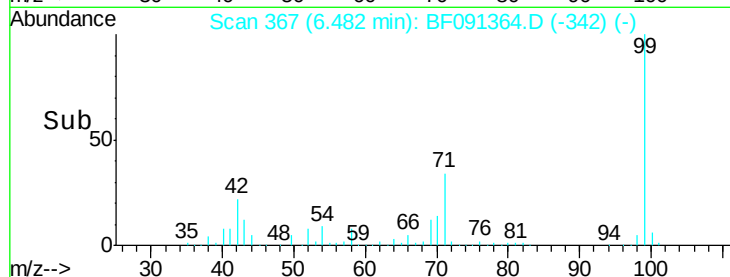
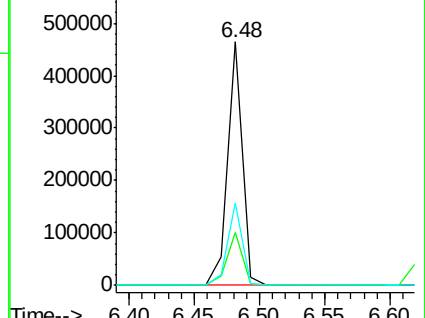
71 33.7 29.9 44.9



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: 8.15 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF091364.D

Acq: 30 Nov 2016 19:47

Tgt Ion: 136 Resp: 781799

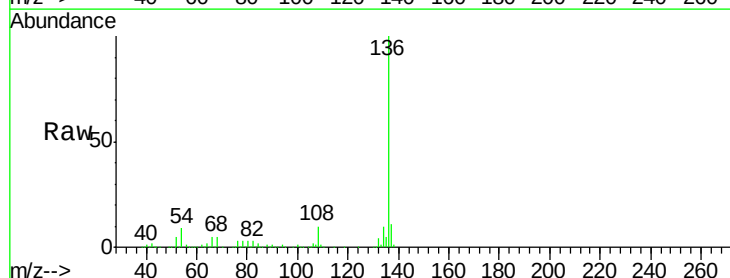
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 9.5 9.1 13.7

68 4.7 5.9 8.9#

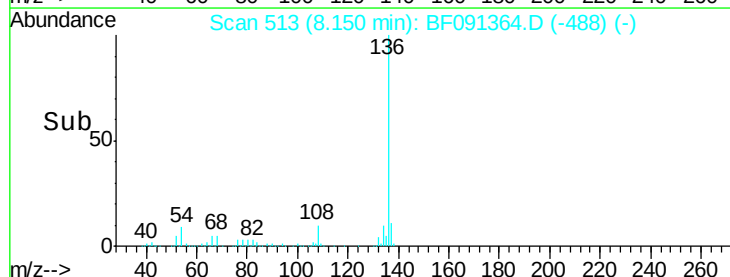
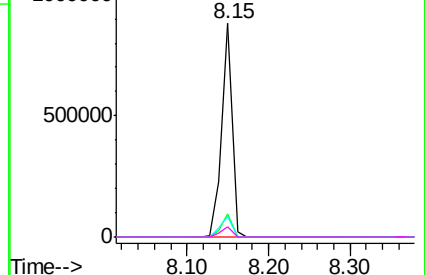


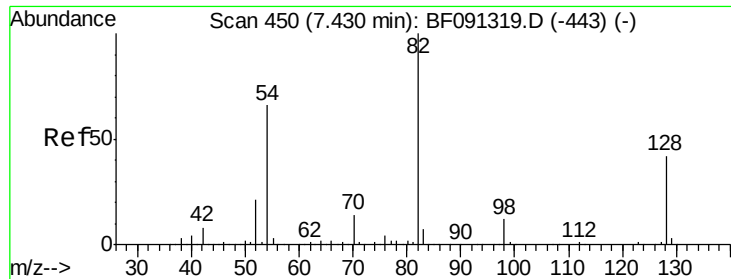
Abundance Ion 136.00 (135.70 to 136.70): E

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

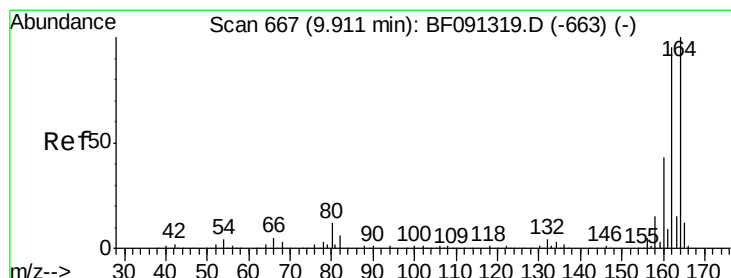
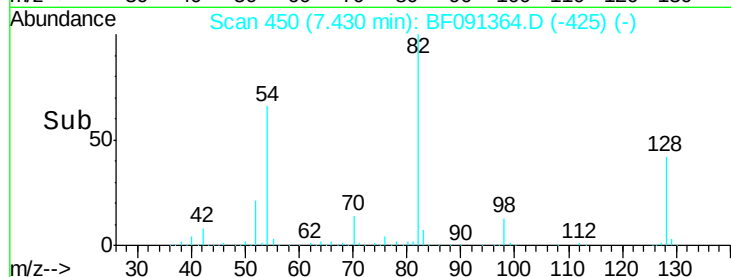
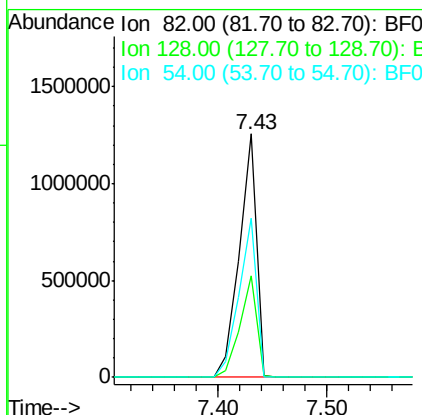
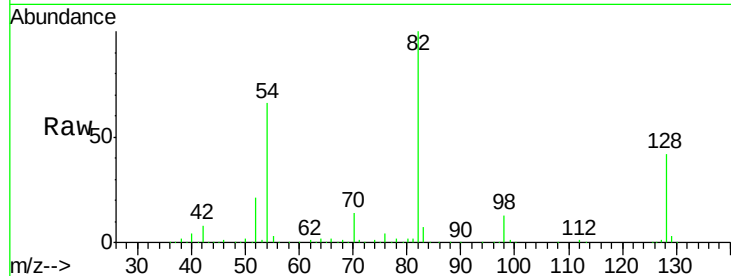




#23
 Nitrobenzene-d5
 Concen: 97.31 ng
 RT: 7.43 min Scan# 450
 Delta R.T. -0.02 min
 Lab File: BF091364.D
 Acq: 30 Nov 2016 19:47

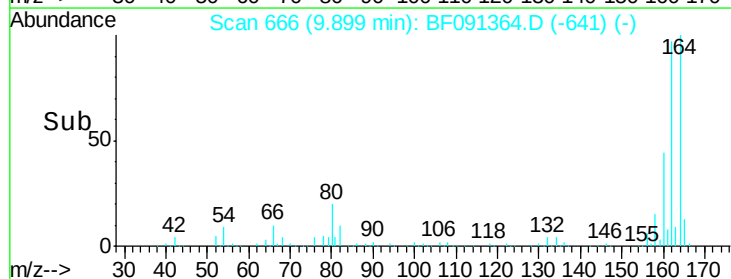
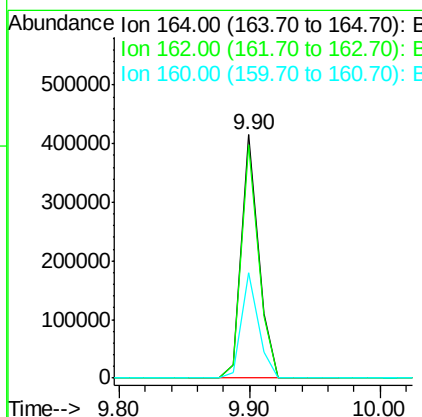
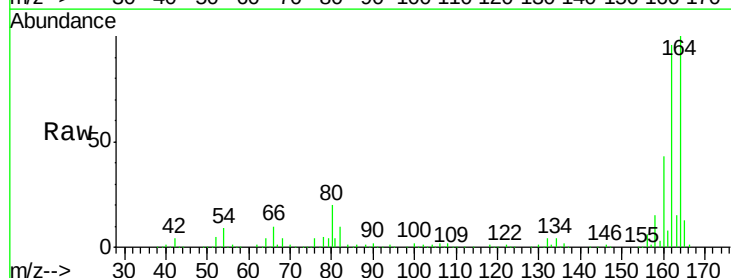
Instrument :
 BNA_F
 ClientSampleId :
 112816-DSDC-F-U-S

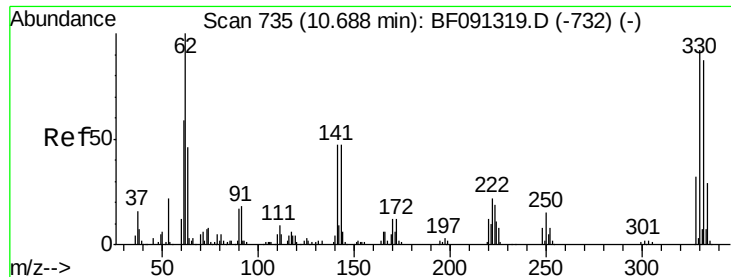
Tot Ion: 82 Resp: 1357553
 Ion Ratio Lower Upper
 82 100
 128 41.7 31.8 47.6
 54 65.5 49.1 73.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 666
 Delta R.T. -0.02 min
 Lab File: BF091364.D
 Acq: 30 Nov 2016 19:47

Tgt Ion: 164 Resp: 376872
 Ion Ratio Lower Upper
 164 100
 162 96.1 82.6 124.0
 160 43.4 36.7 55.1

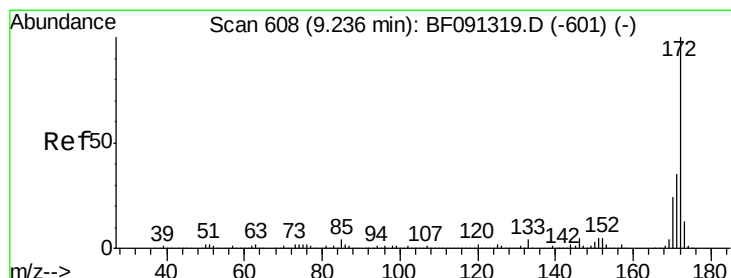
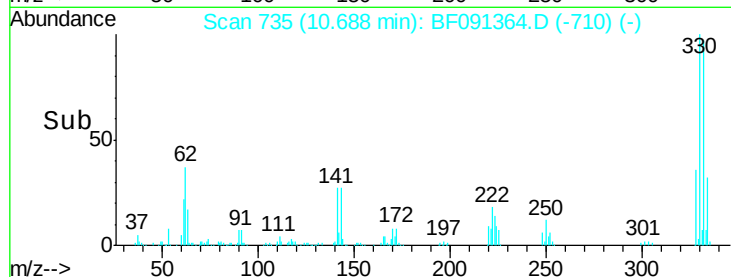
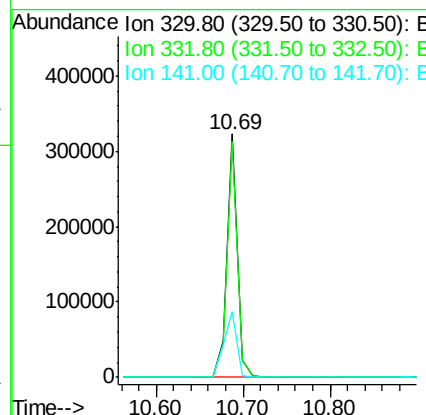
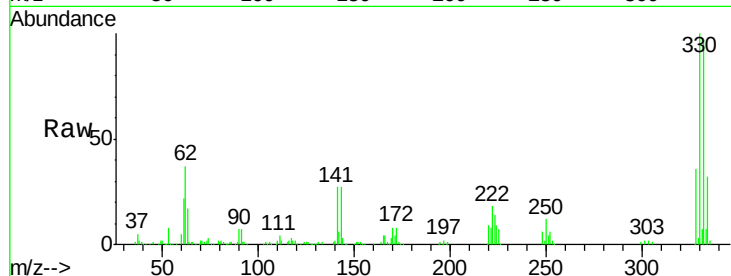




#41
 2,4,6-Tribromophenol
 Concen: 77.00 ng
 RT: 10.69 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: BF091364.D
 Acq: 30 Nov 2016 19:47

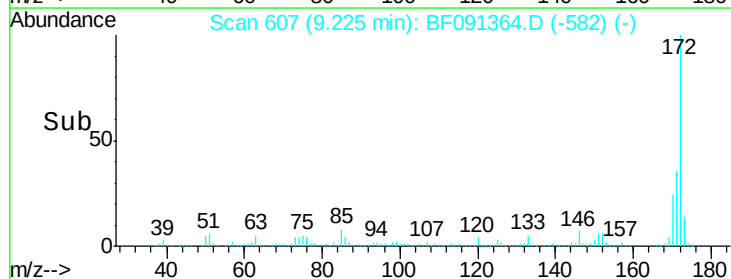
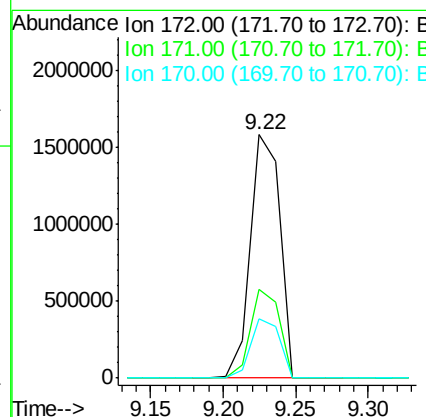
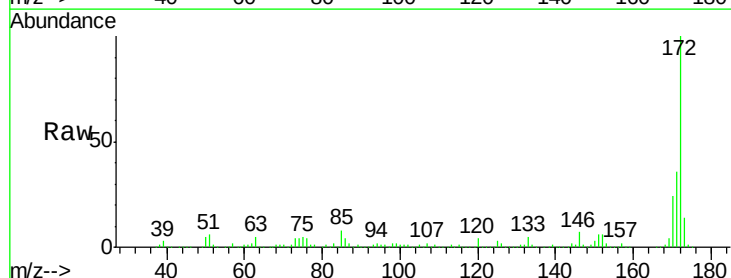
Instrument :
 BNA_F
 ClientSampleId :
 112816-DSDC-F-U-S

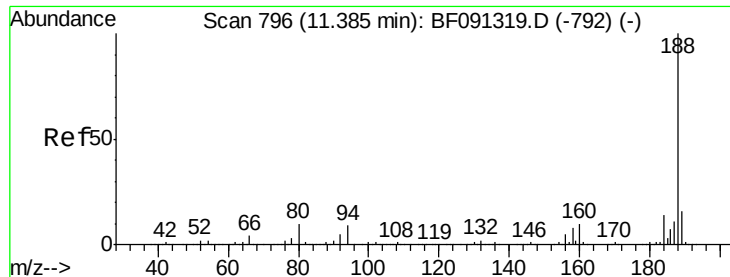
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.2	114.4
141	33.3	33.6	50.4#



#44
 2-Fluorobiphenyl
 Concen: 107.53 ng
 RT: 9.22 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF091364.D
 Acq: 30 Nov 2016 19:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	24.2	19.7	29.5

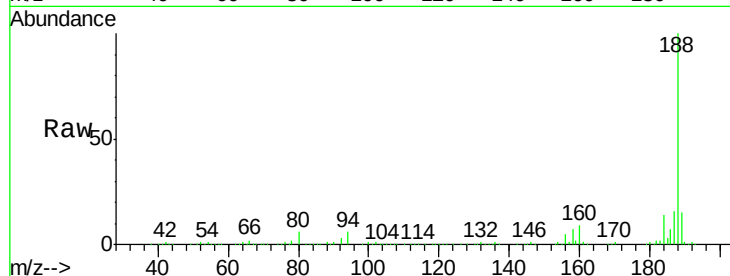




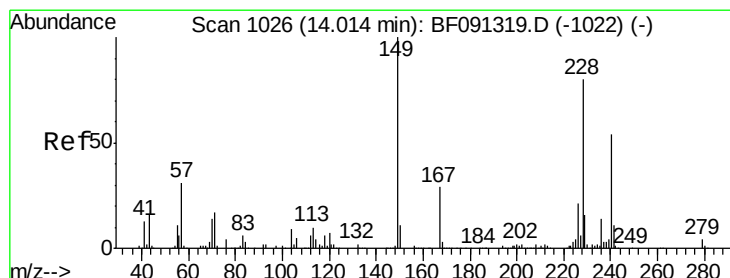
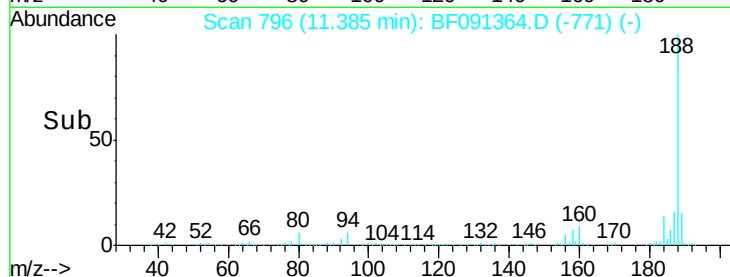
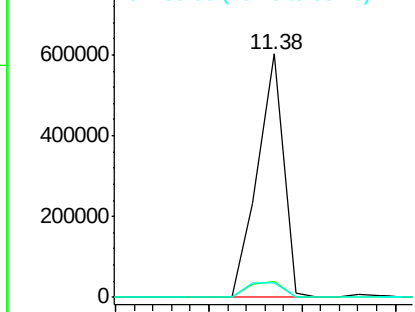
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF091364.D
Acq: 30 Nov 2016 19:47

Instrument :
BNA_F
ClientSampleId :
112816-DSDC-F-U-S

Tot Ion	Ratio	Lower	Upper
188	100		
94	6.5	9.2	13.8#
80	6.2	10.5	15.7#

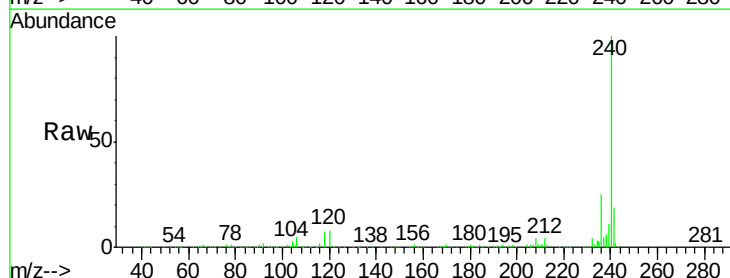


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

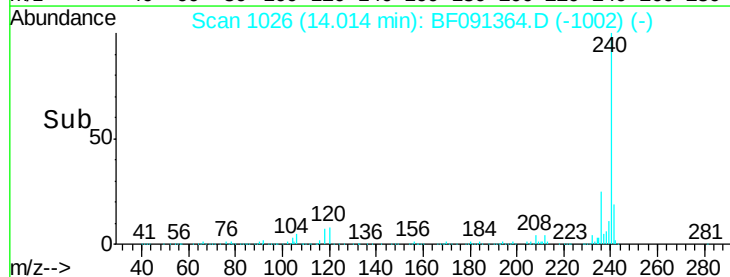
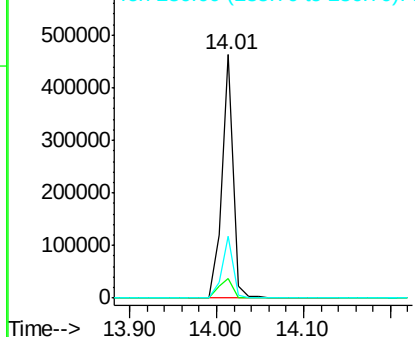


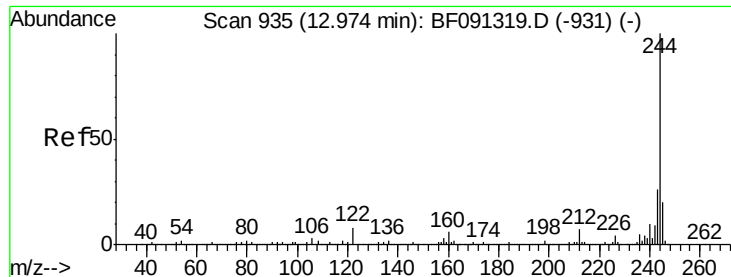
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BF091364.D
Acq: 30 Nov 2016 19:47

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.0	12.1	18.1#
236	25.4	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

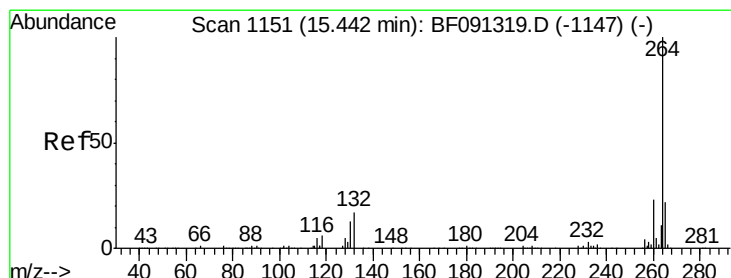
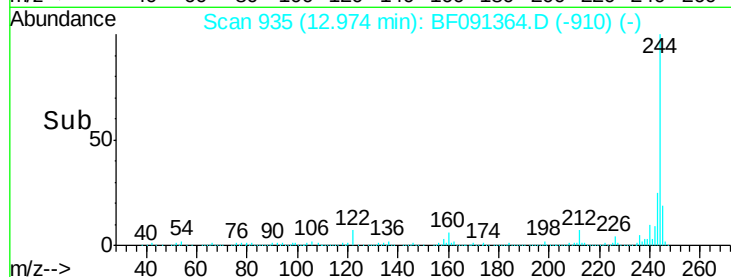
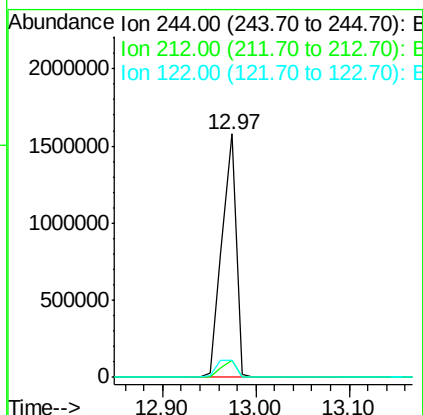
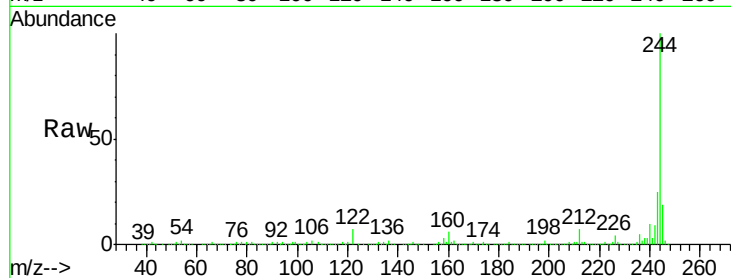




#78
 Terphenyl-d14
 Concen: 85.84 ng
 RT: 12.97 min Scan# 935
 Delta R.T. -0.02 min
 Lab File: BF091364.D
 Acq: 30 Nov 2016 19:47

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Tot Ion:244 Resp: 1671138
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.5 9.7
 122 7.2 9.5 14.3#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1151
 Delta R.T. -0.03 min
 Lab File: BF091364.D
 Acq: 30 Nov 2016 19:47

Tgt Ion:264 Resp: 396357
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.8 28.2
 265 21.4 17.0 25.6

