

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120516\
 Data File : BF091433.D
 Acq On : 5 Dec 2016 22:18
 Operator : UM/SJ
 Sample : H5838-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB120216

Quant Time: Dec 06 00:51:05 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 06 00:16:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	129898	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	549558	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	350742	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	518521	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	489014	20.00	ng	0.00
86) Perylene-d12	15.43	264	308507	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	491848	61.86	ng	0.00
7) Phenol-d6	6.47	99	375785	38.39	ng	-0.01
23) Nitrobenzene-d5	7.42	82	948150	96.69	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	453774	136.66	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1768806	91.31	ng	0.00
78) Terphenyl-d14	12.96	244	2211303	98.28	ng	0.00

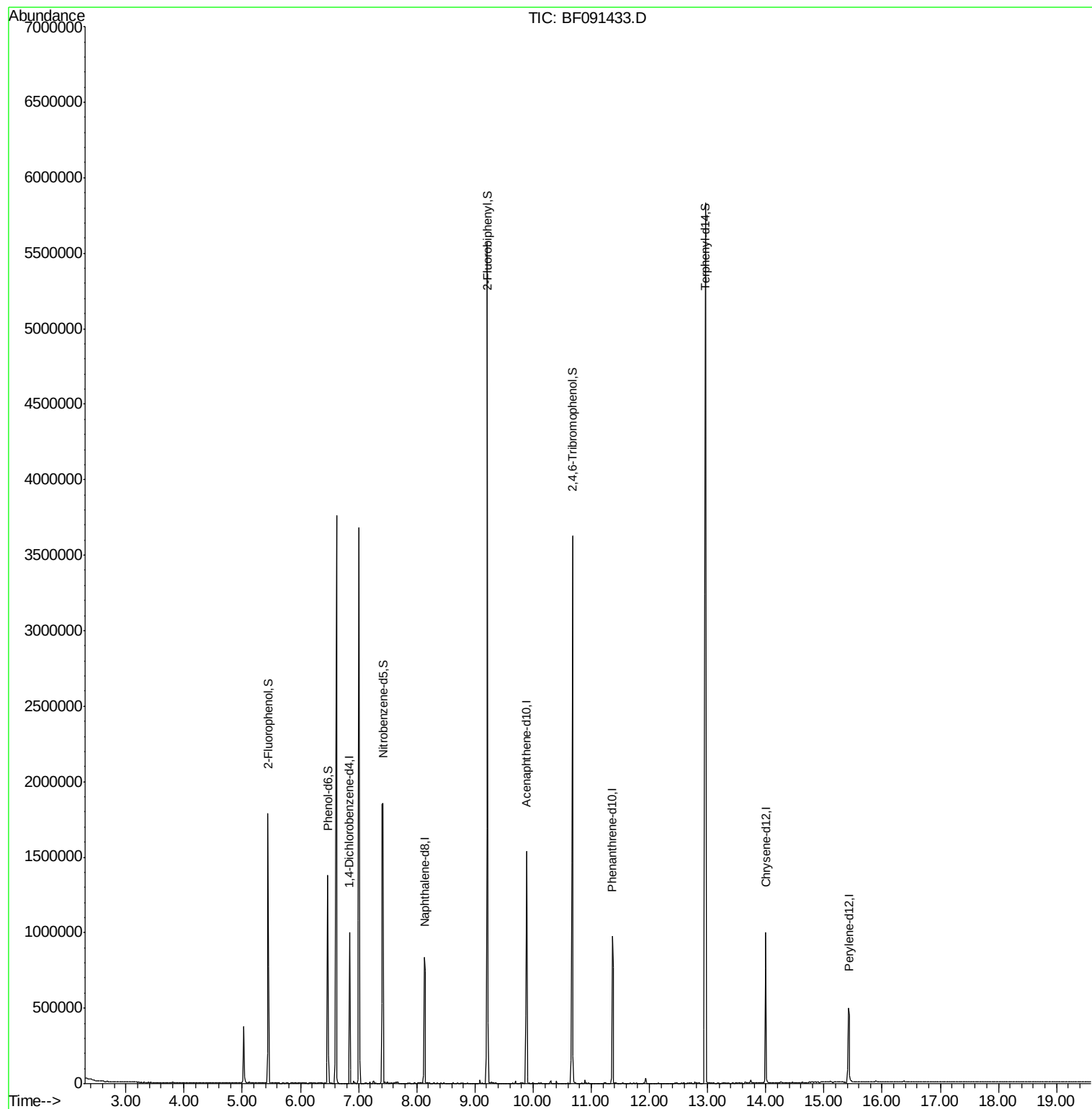
Target Compounds Qvalue

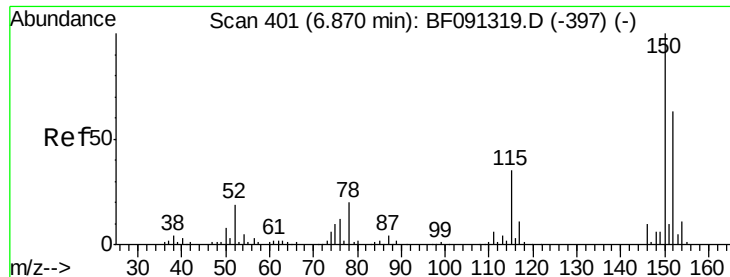
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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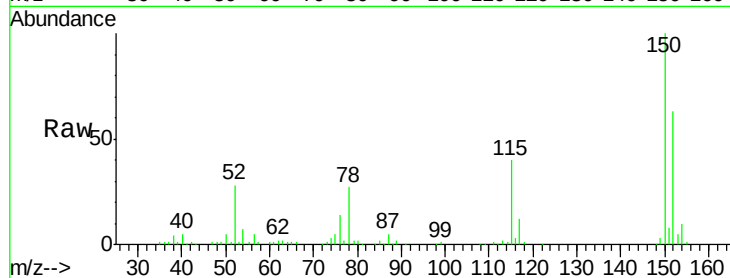


#1

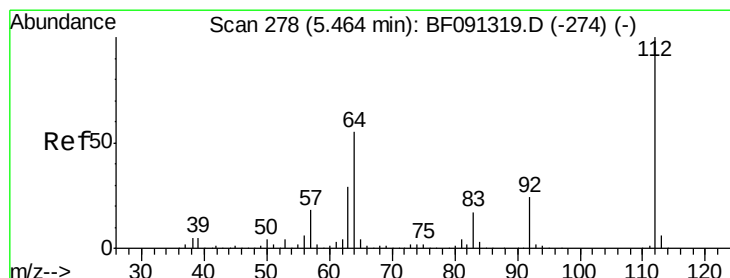
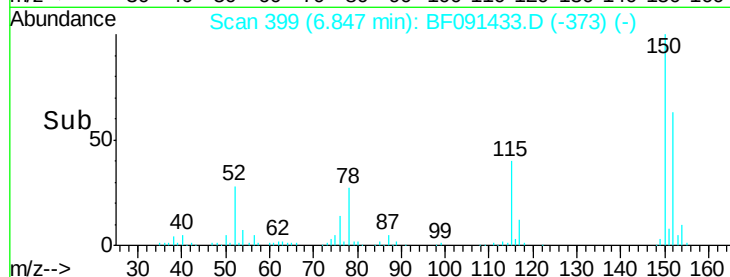
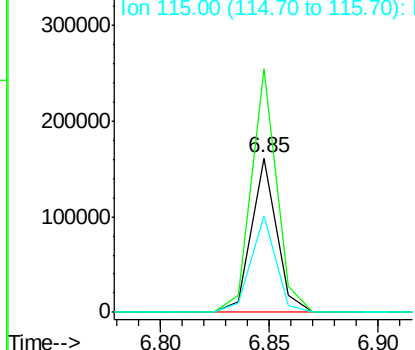
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 399
Delta R.T. -0.00 min
Lab File: BF091433.D
Acq: 5 Dec 2016 22:18

Instrument :
BNA_F
ClientSampleId :
FB120216

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	122.5	183.7
115	62.8	51.8	77.8



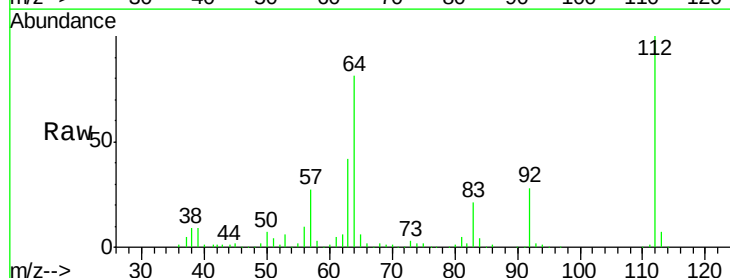
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



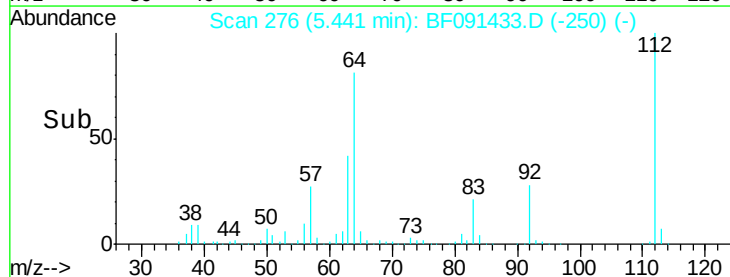
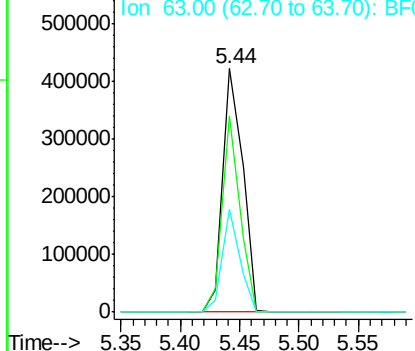
#5

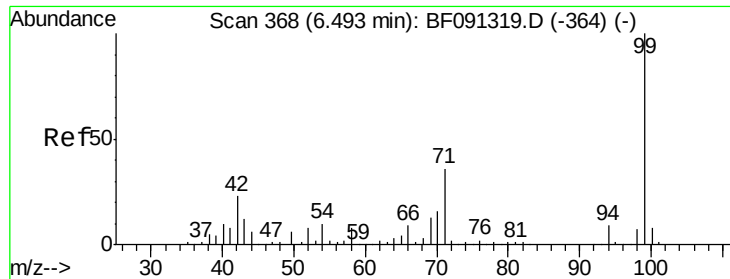
2-Fluorophenol
Concen: 61.86 ng
RT: 5.44 min Scan# 276
Delta R.T. -0.00 min
Lab File: BF091433.D
Acq: 5 Dec 2016 22:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	80.7	61.5	92.3
63	42.5	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: 38.39 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.01 min

Lab File: BF091433.D

Acq: 5 Dec 2016 22:18

Instrument :

BNA_F

ClientSampleId :

FB120216

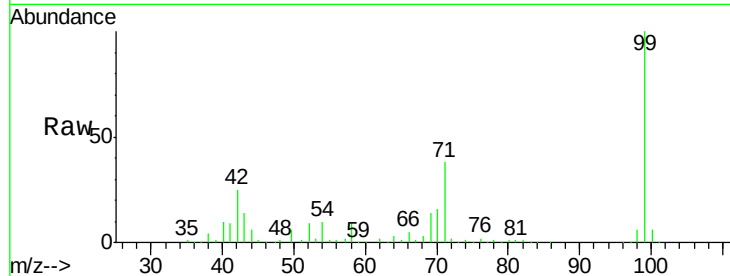
Tot Ion: 99 Resp: 375785

Ion Ratio Lower Upper

99 100

42 25.4 20.6 31.0

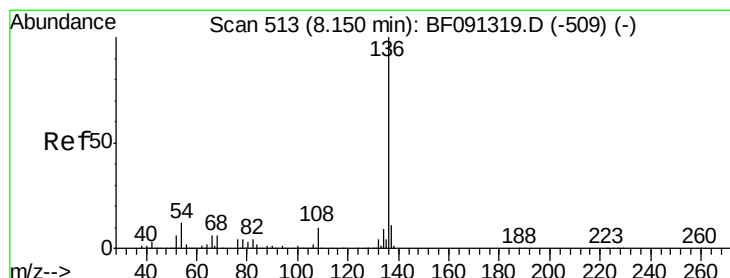
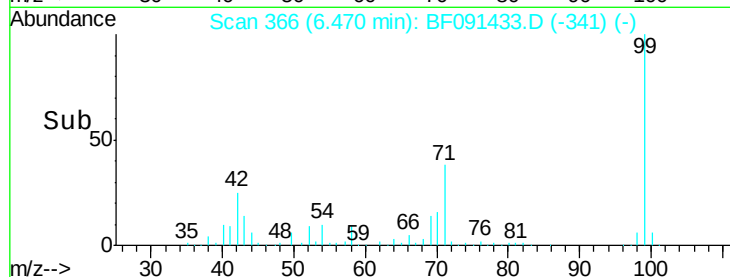
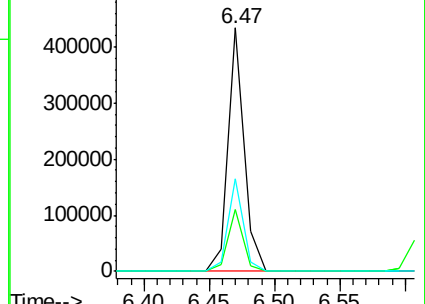
71 37.8 29.9 44.9



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: 8.14 min Scan# 512

Delta R.T. -0.00 min

Lab File: BF091433.D

Acq: 5 Dec 2016 22:18

Tgt Ion: 136 Resp: 549558

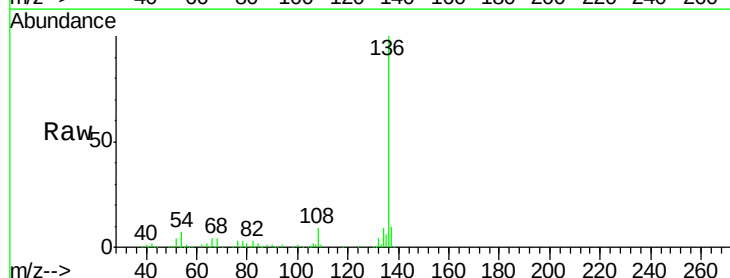
Ion Ratio Lower Upper

136 100

137 10.4 9.1 13.7

54 7.4 9.1 13.7#

68 3.5 5.9 8.9#

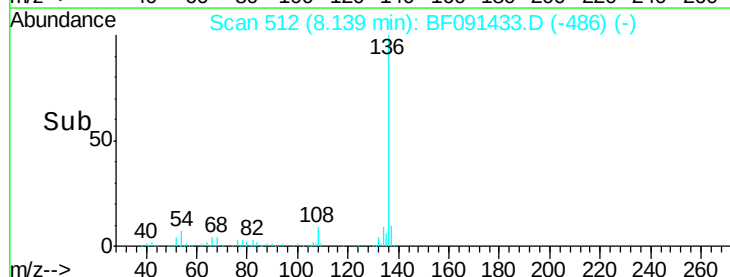
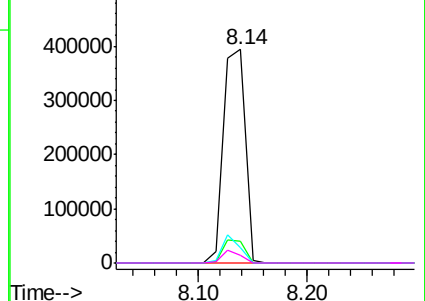


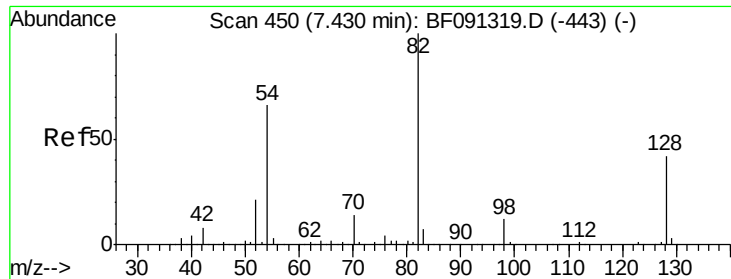
Abundance Ion 136.00 (135.70 to 136.70): E

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

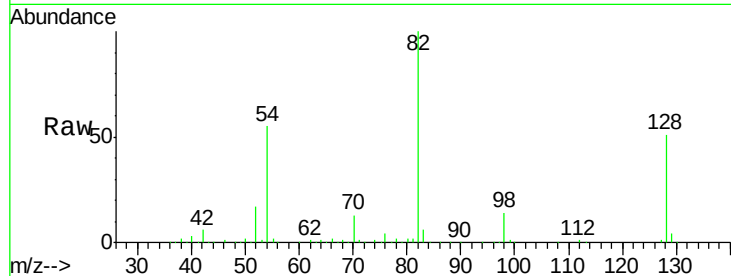




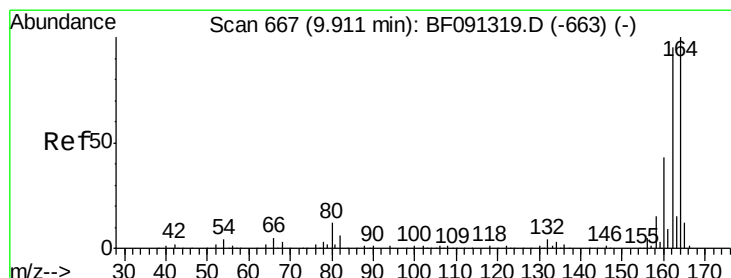
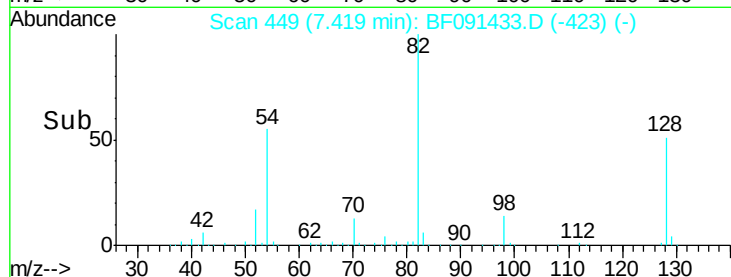
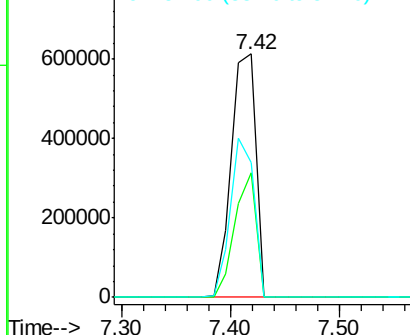
#23
 Nitrobenzene-d5
 Concen: 96.69 ng
 RT: 7.42 min Scan# 449
 Delta R.T. -0.00 min
 Lab File: BF091433.D
 Acq: 5 Dec 2016 22:18

Instrument :
 BNA_F
 ClientSampleId :
 FB120216

Tot Ion: 82 Resp: 948150
 Ion Ratio Lower Upper
 82 100
 128 51.4 31.8 47.6#
 54 55.2 49.1 73.7

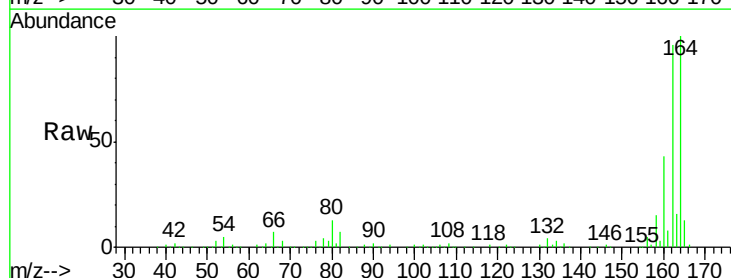


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

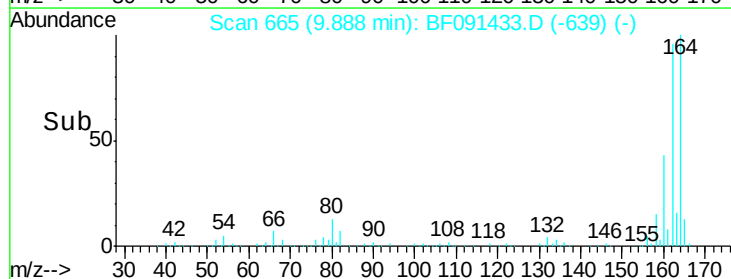
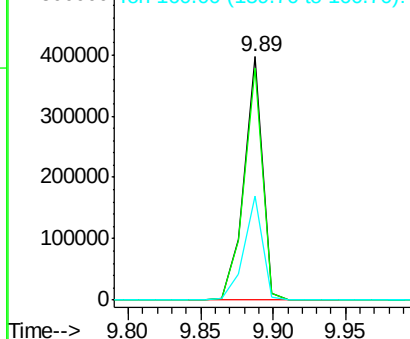


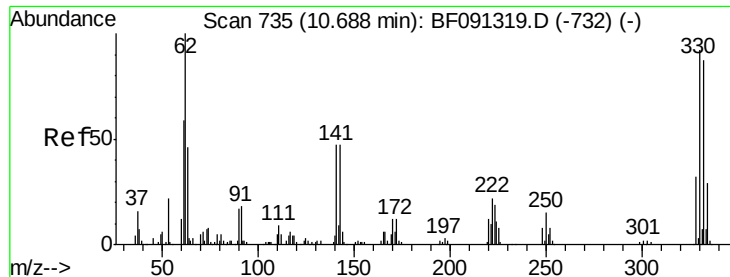
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 665
 Delta R.T. -0.00 min
 Lab File: BF091433.D
 Acq: 5 Dec 2016 22:18

Tgt Ion: 164 Resp: 350742
 Ion Ratio Lower Upper
 164 100
 162 95.5 82.6 124.0
 160 42.7 36.7 55.1



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

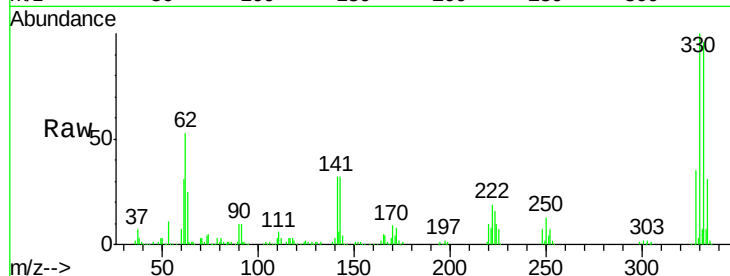




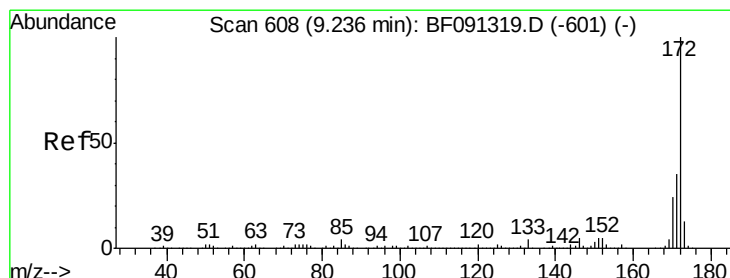
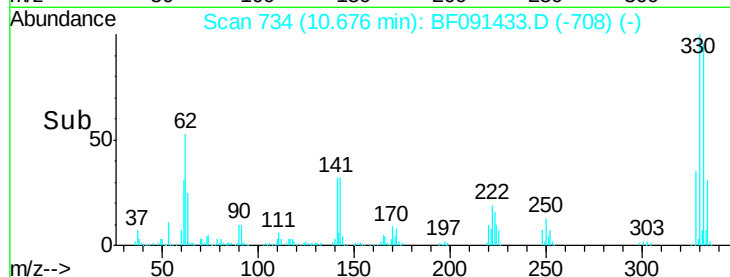
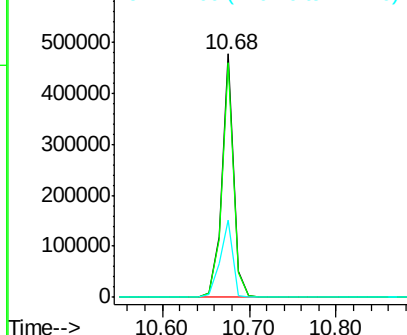
#41
 2,4,6-Tribromophenol
 Concen: 136.66 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.00 min
 Lab File: BF091433.D
 Acq: 5 Dec 2016 22:18

Instrument :
 BNA_F
 ClientSampleId :
 FB120216

Tot Ion:330 Resp: 453774
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.2 114.4
 141 34.5 33.6 50.4

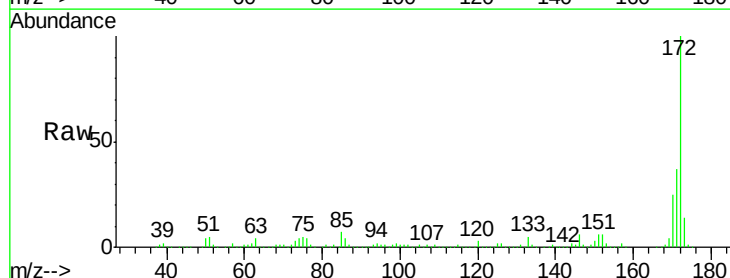


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

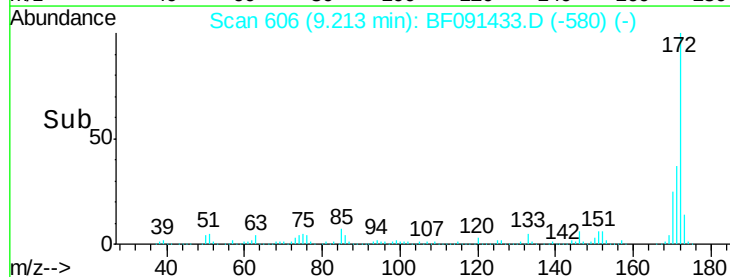
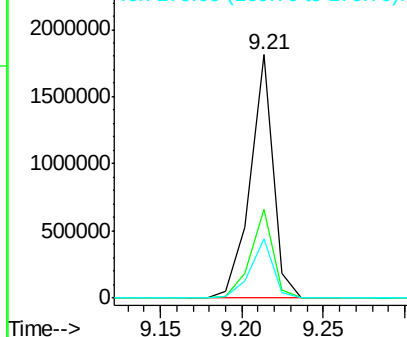


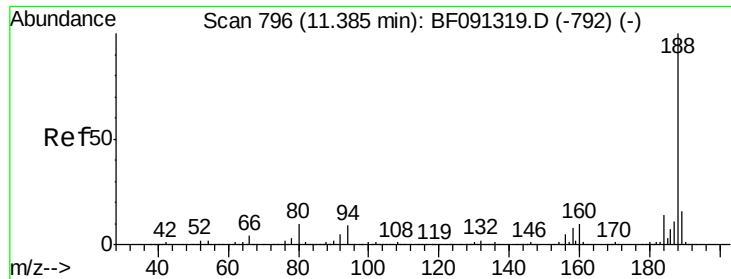
#44
 2-Fluorobiphenyl
 Concen: 91.31 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF091433.D
 Acq: 5 Dec 2016 22:18

Tgt Ion:172 Resp: 1768806
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.6 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

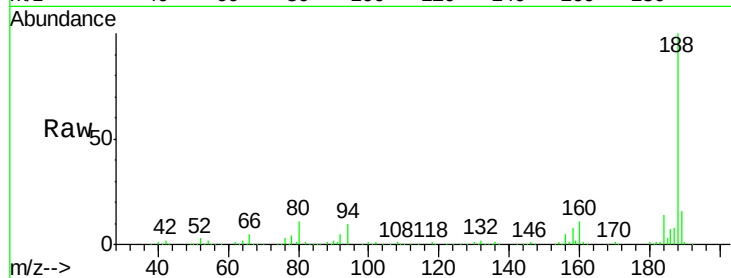




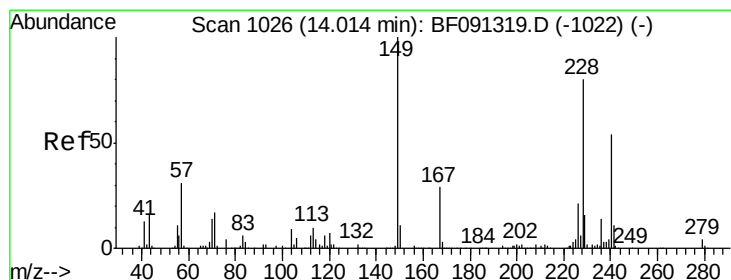
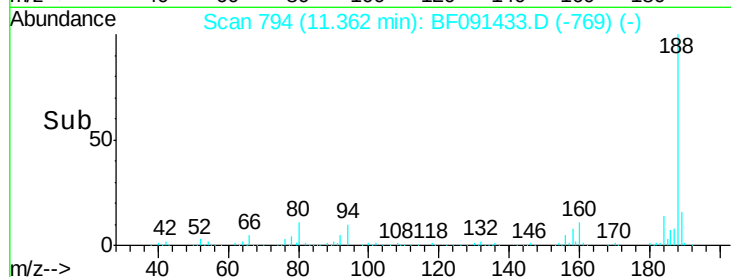
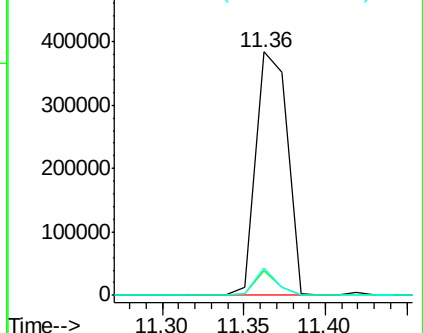
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF091433.D
Acq: 5 Dec 2016 22:18

Instrument :
BNA_F
ClientSampleId :
FB120216

Tot Ion:188 Resp: 518521
Ion Ratio Lower Upper
188 100
94 10.2 9.2 13.8
80 11.3 10.5 15.7

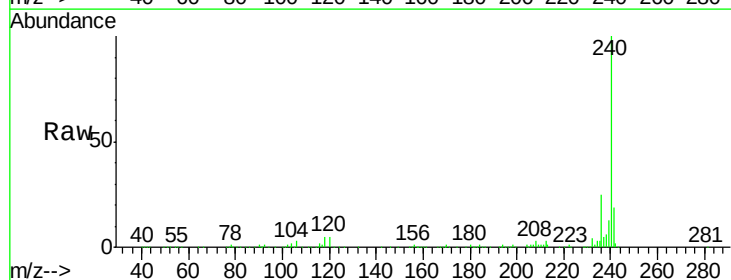


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

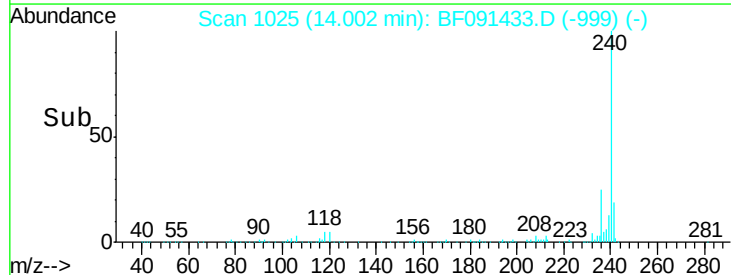
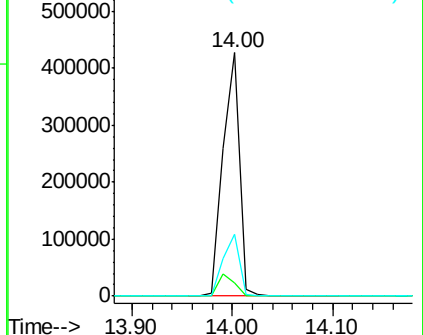


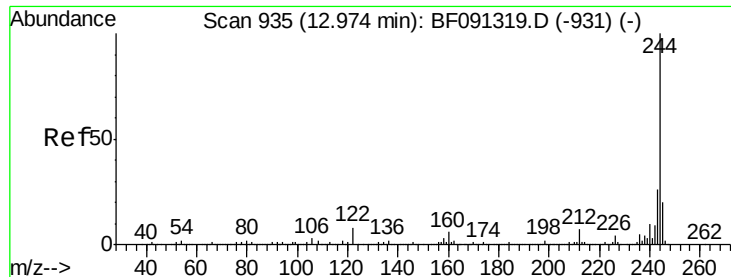
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF091433.D
Acq: 5 Dec 2016 22:18

Tgt Ion:240 Resp: 489014
Ion Ratio Lower Upper
240 100
120 5.5 12.1 18.1#
236 25.2 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



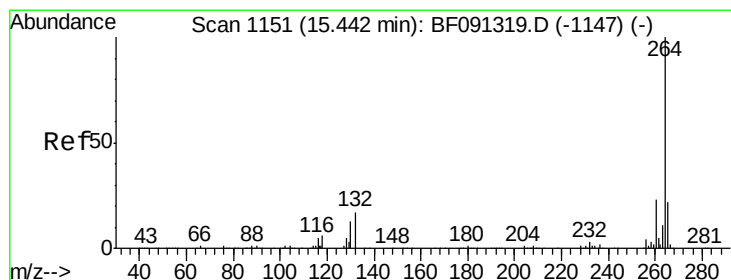
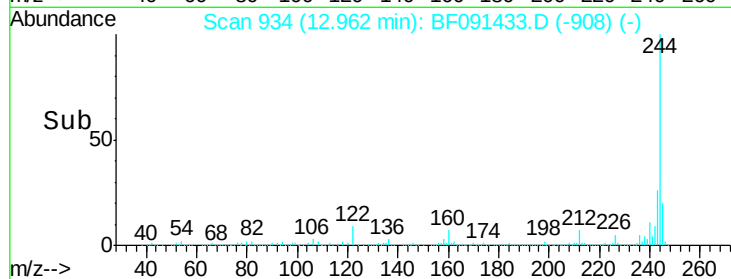
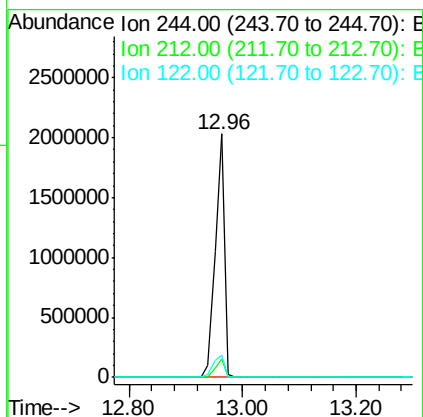
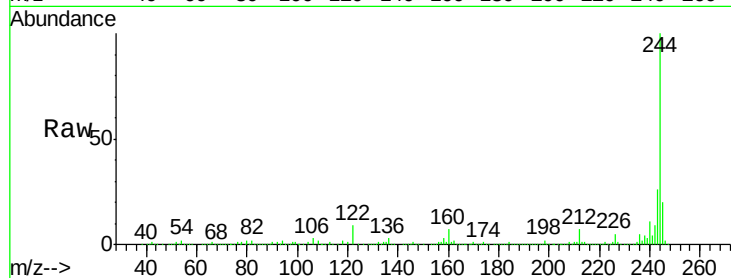


#78
 Terphenyl-d14
 Concen: 98.28 ng
 RT: 12.96 min Scan# 934
 Delta R.T. -0.00 min
 Lab File: BF091433.D
 Acq: 5 Dec 2016 22:18

Instrument :
 BNA_F
 ClientSampleId :
 FB120216

Tot Ion:244 Resp: 2211303

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.5	9.7
122	9.1	9.5	14.3



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1150
 Delta R.T. -0.00 min
 Lab File: BF091433.D
 Acq: 5 Dec 2016 22:18

Tgt Ion:264 Resp: 308507

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.8	28.2
265	21.0	17.0	25.6

