

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011217\
 Data File : BF092216.D
 Acq On : 12 Jan 2017 19:14
 Operator : UM/SJ
 Sample : I1029-19
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-0010

Quant Time: Jan 13 00:03:23 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

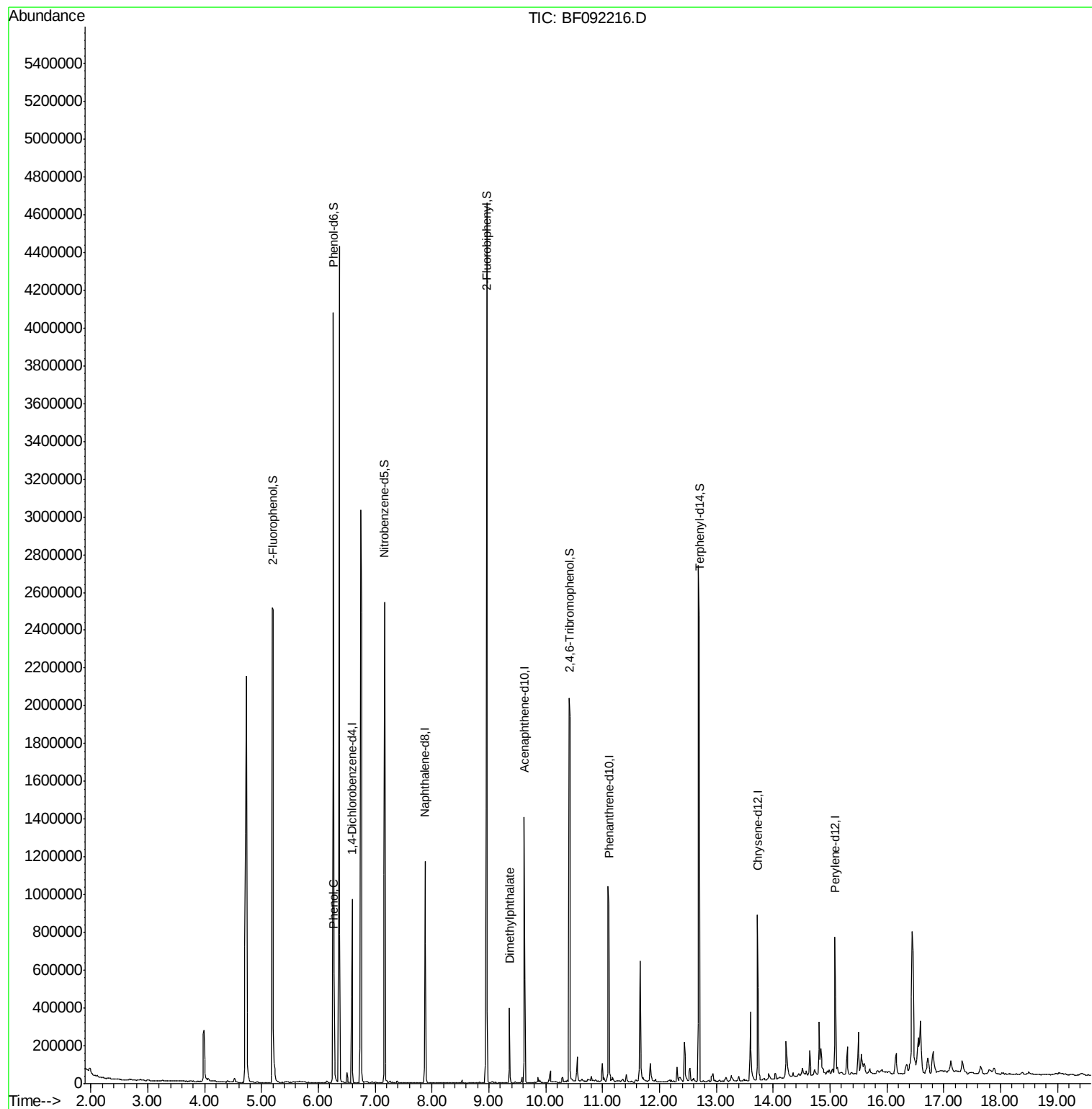
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	172940	20.00	ng	-0.05
21) Naphthalene-d8	7.88	136	703995	20.00	ng	-0.06
38) Acenaphthene-d10	9.62	164	336880	20.00	ng	-0.06
63) Phenanthrene-d10	11.11	188	555137	20.00	ng	-0.05
75) Chrysene-d12	13.73	240	339253	20.00	ng	-0.06
86) Perylene-d12	15.09	264	337629	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1101853	106.38	ng	-0.03
7) Phenol-d6	6.26	99	1522862	120.43	ng	-0.05
23) Nitrobenzene-d5	7.17	82	931375	73.57	ng	-0.05
41) 2,4,6-Tribromophenol	10.42	330	384903	138.06	ng	-0.05
44) 2-Fluorobiphenyl	8.96	172	1501866	92.48	ng	-0.05
78) Terphenyl-d14	12.70	244	1296913	92.71	ng	-0.05
Target Compounds						
10) Phenol	6.28	94	90076	6.25	ng	Qvalue # 67
49) Dimethylphthalate	9.36	163	159179	7.39	ng	99

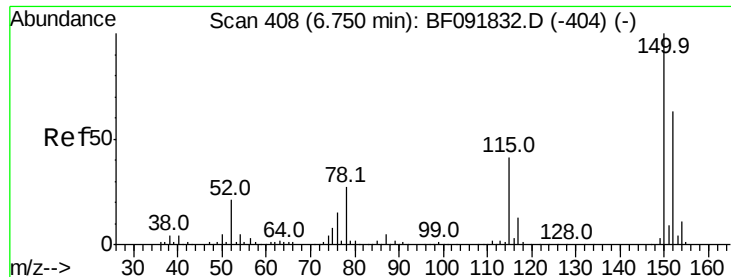
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 412

Delta R.T. -0.05 min

Lab File: BF092216.D

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COMP-0010

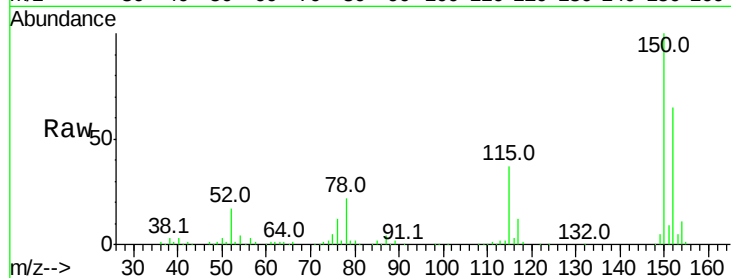
Tot Ion:152 Resp: 172940

Ion Ratio Lower Upper

152 100

150 153.4 124.9 187.3

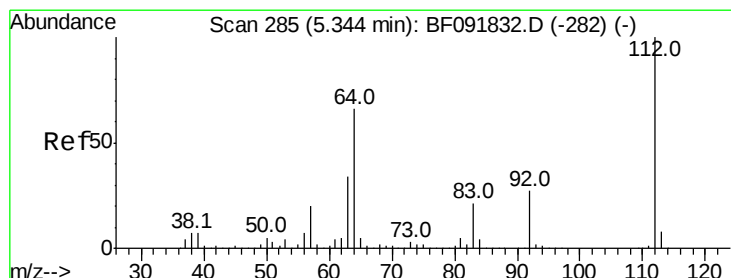
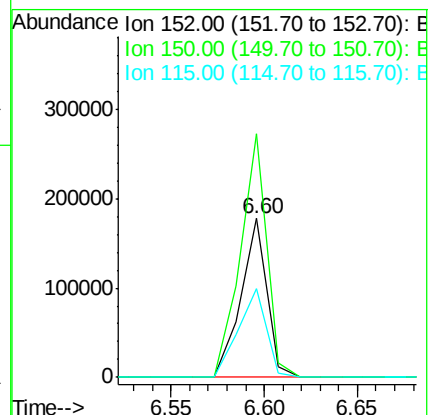
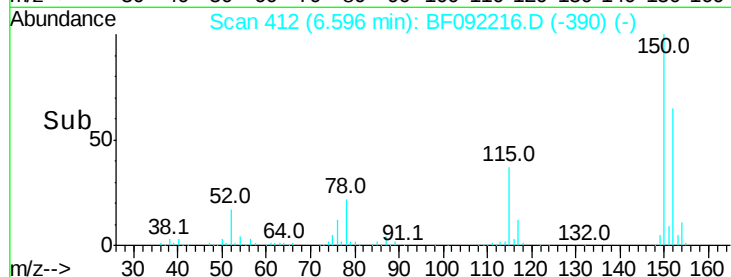
115 56.2 46.0 69.0



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: 106.38 ng

RT: 5.20 min Scan# 290

Delta R.T. -0.03 min

Lab File: BF092216.D

Acq: 12 Jan 2017 19:14

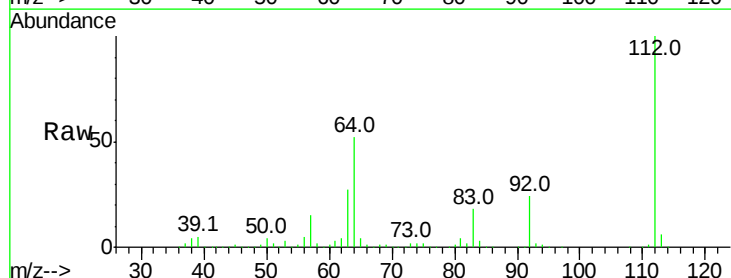
Tgt Ion:112 Resp: 1101853

Ion Ratio Lower Upper

112 100

64 51.6 46.1 69.1

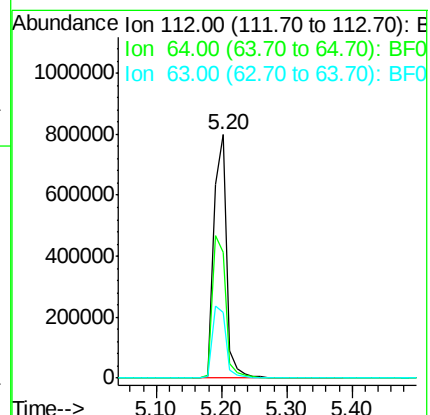
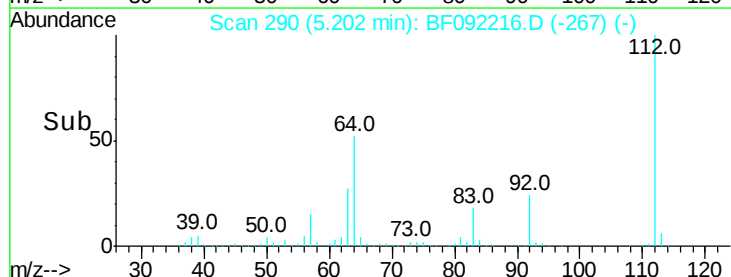
63 26.8 23.8 35.6



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: 120.43 ng

RT: 6.26 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF092216.D

Acq: 12 Jan 2017 19:14

Instrument :

BNA_F

ClientSampleId :

COMP-0010

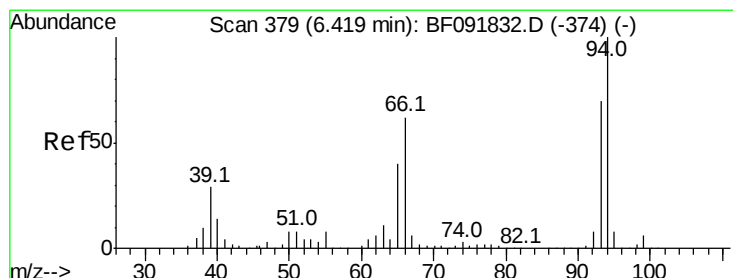
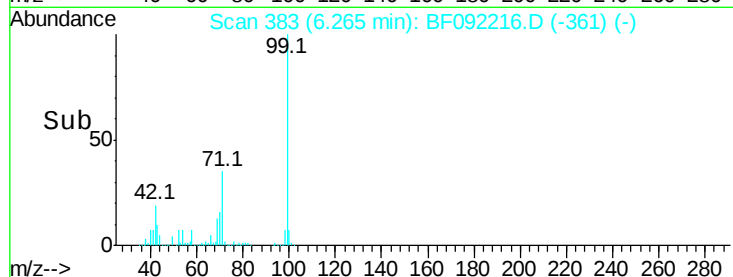
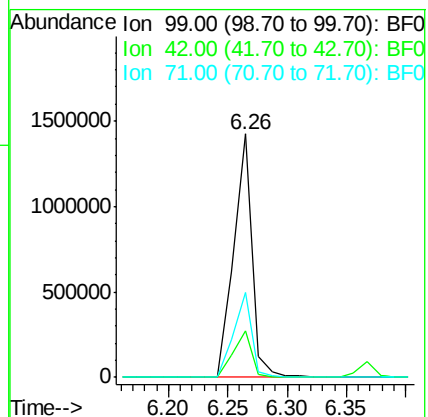
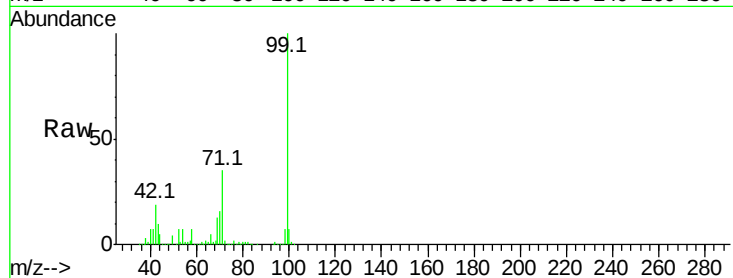
Tot Ion: 99 Resp: 1522862

Ion Ratio Lower Upper

99 100

42 19.3 15.6 23.4

71 34.8 27.5 41.3



#10

Phenol

Concen: 6.25 ng

RT: 6.28 min Scan# 384

Delta R.T. -0.05 min

Lab File: BF092216.D

Acq: 12 Jan 2017 19:14

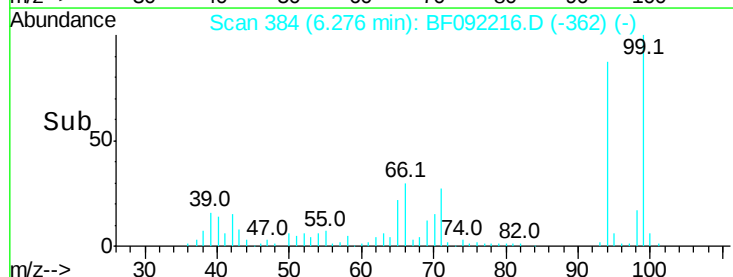
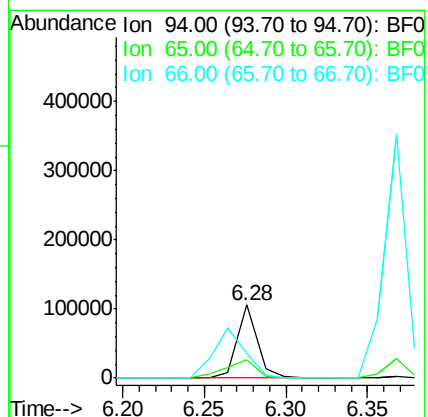
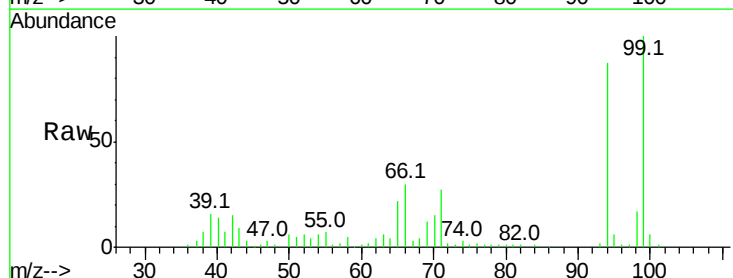
Tgt Ion: 94 Resp: 90076

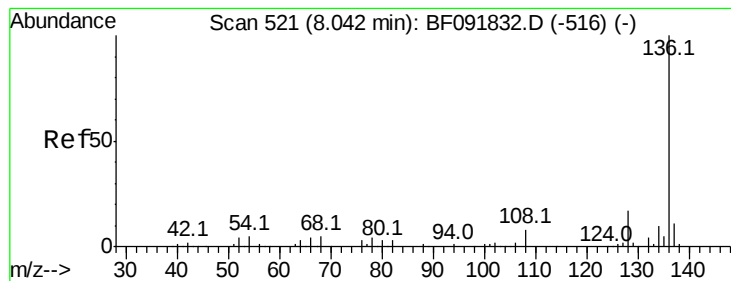
Ion Ratio Lower Upper

94 100

65 25.5 21.4 61.4

66 33.8 44.0 84.0#

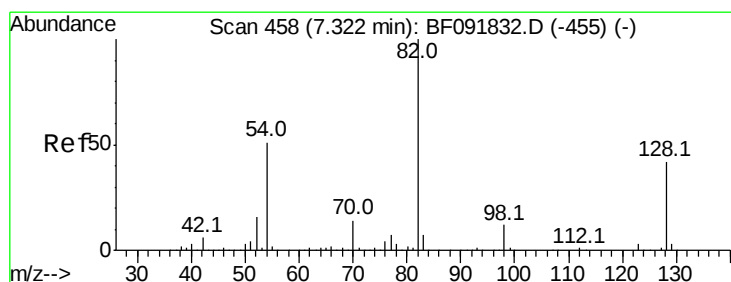
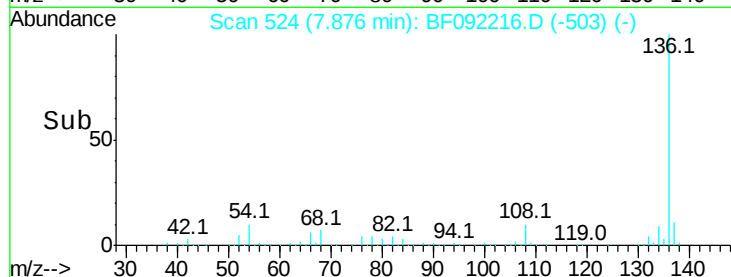
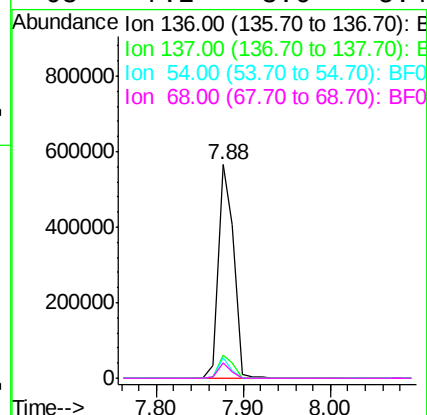
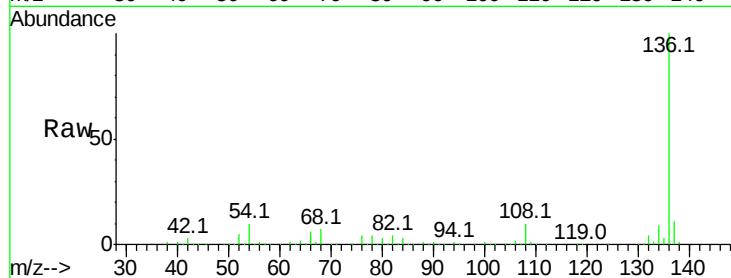




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.06 min
Lab File: BF092216.D
Acq: 12 Jan 2017 19:14

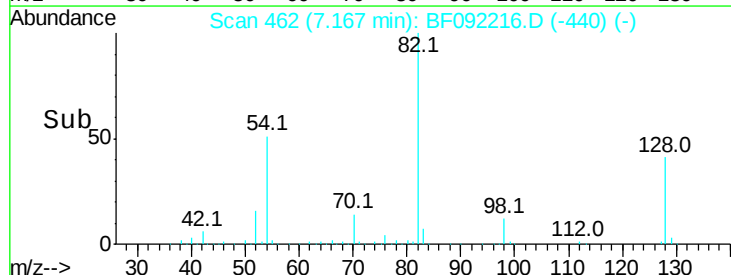
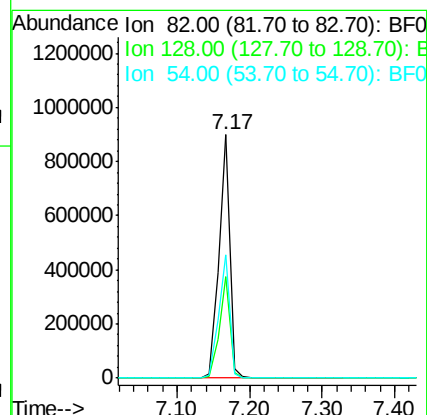
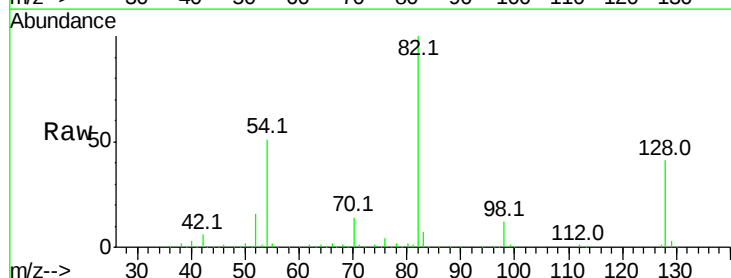
Instrument :
BNA_F
ClientSampleId :
COMP-0010

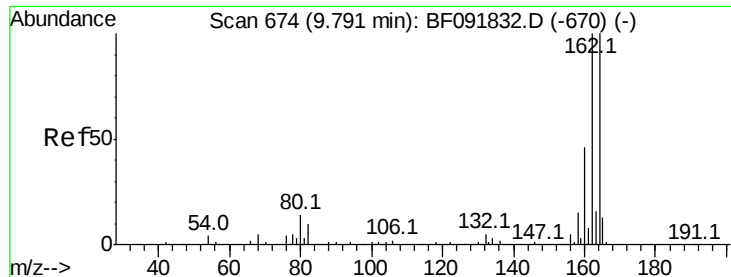
Tot Ion:	136	Resp:	703995
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	9.5	4.5	6.7#
68	7.2	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 73.57 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.05 min
Lab File: BF092216.D
Acq: 12 Jan 2017 19:14

Tgt Ion:	82	Resp:	931375
Ion	Ratio	Lower	Upper
82	100		
128	41.4	34.6	52.0
54	50.7	39.5	59.3

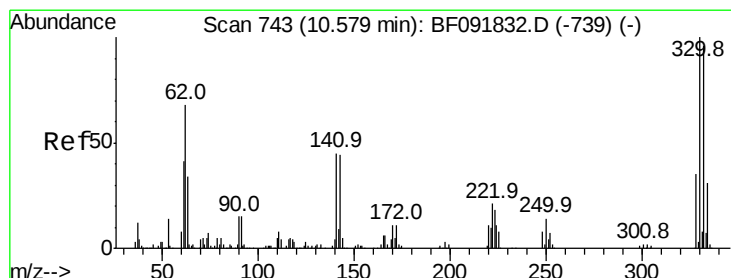
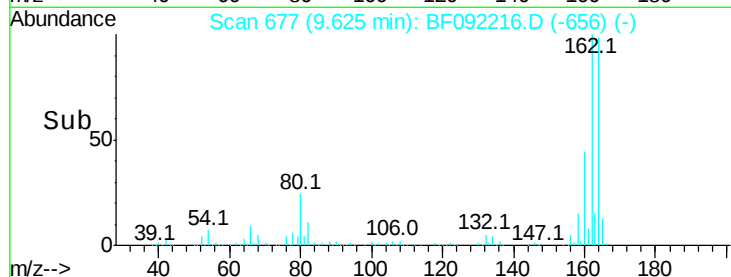
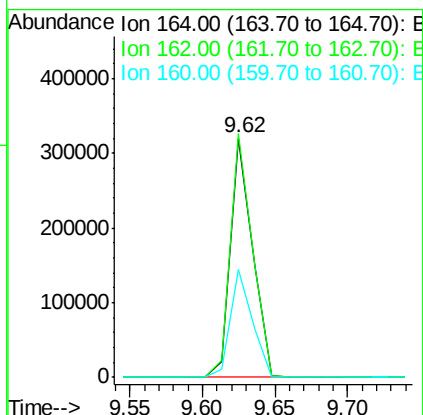
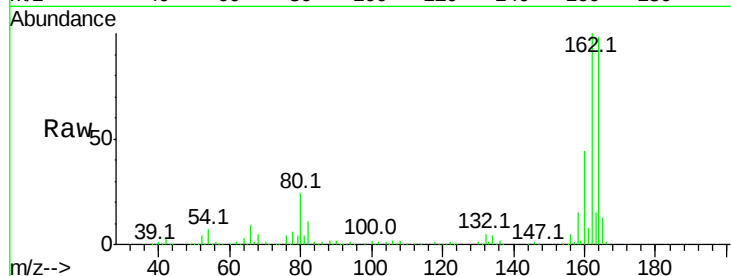




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 677
Delta R.T. -0.06 min
Lab File: BF092216.D
Acq: 12 Jan 2017 19:14

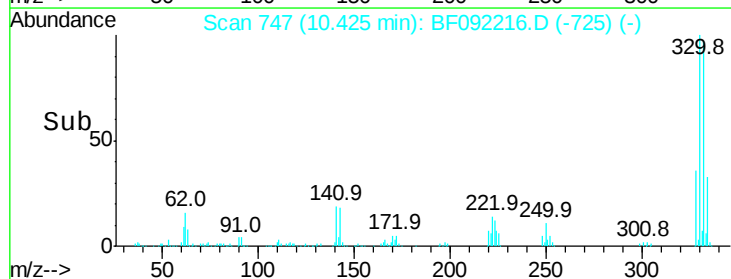
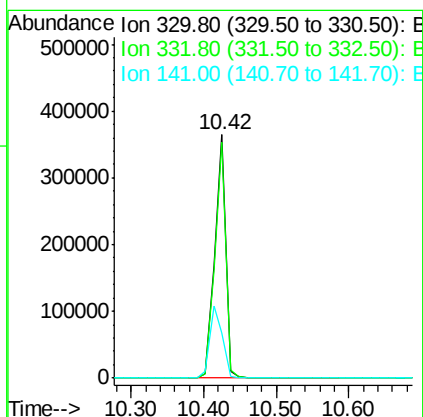
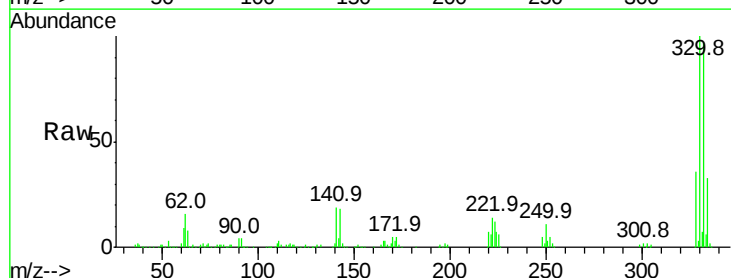
Instrument :
BNA_F
ClientSampleId :
COMP-0010

Tot Ion:164 Resp: 336880
Ion Ratio Lower Upper
164 100
162 101.9 80.2 120.2
160 45.0 36.9 55.3



#41
2,4,6-Tribromophenol
Concen: 138.06 ng
RT: 10.42 min Scan# 747
Delta R.T. -0.05 min
Lab File: BF092216.D
Acq: 12 Jan 2017 19:14

Tgt Ion:330 Resp: 384903
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.2
141 34.1 34.1 51.1#

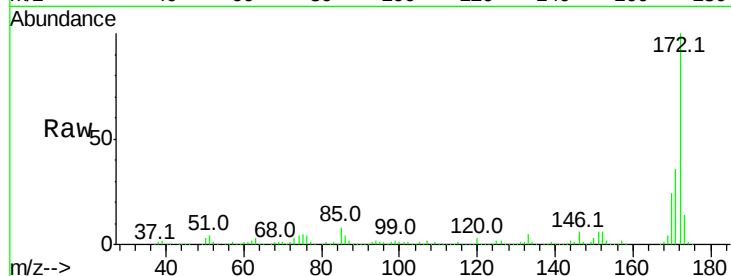




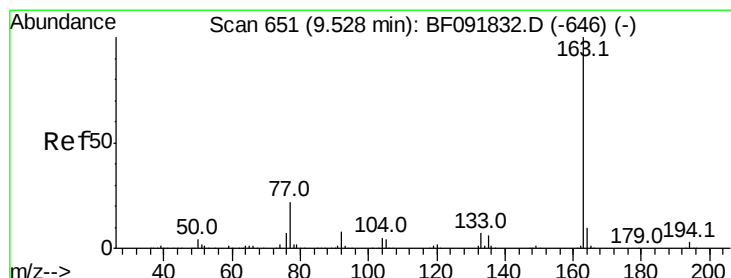
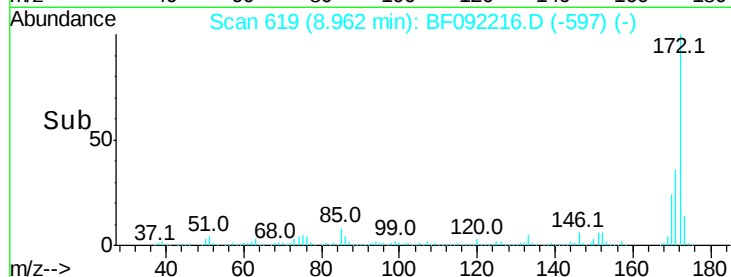
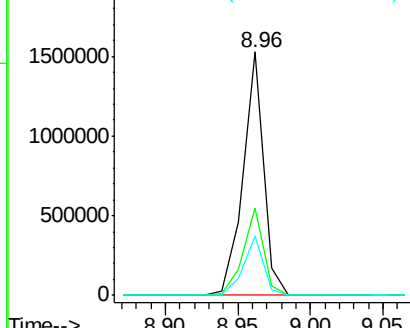
#44
2-Fluorobiphenyl
Concen: 92.48 ng
RT: 8.96 min Scan# 619
Delta R.T. -0.05 min
Lab File: BF092216.D
Acq: 12 Jan 2017 19:14

Instrument :
BNA_F
ClientSampleId :
COMP-0010

Tot Ion:172 Resp: 1501866
Ion Ratio Lower Upper
172 100
171 35.9 29.4 44.0
170 24.4 20.2 30.4

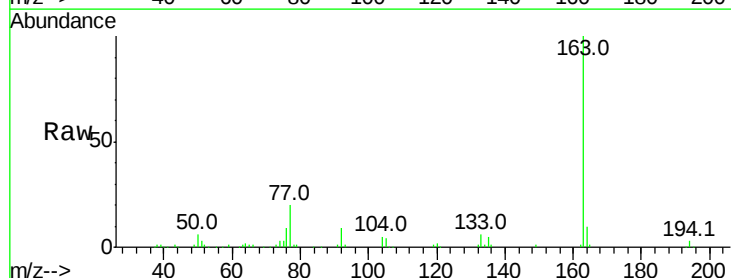


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

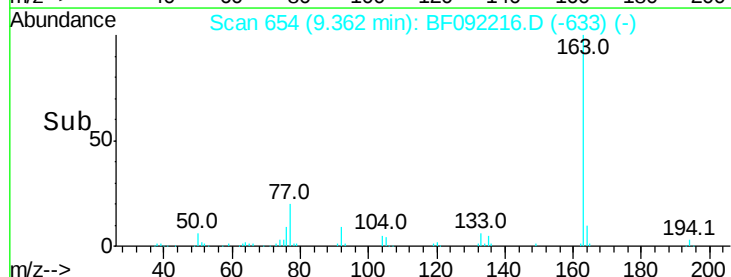
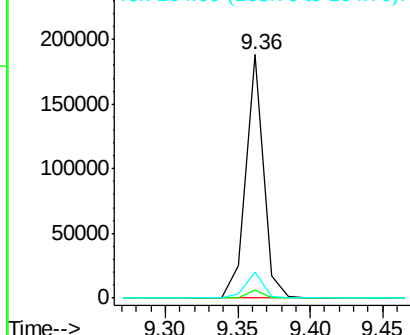


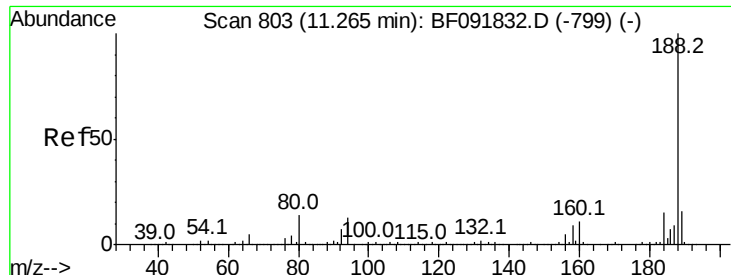
#49
Dimethylphthalate
Concen: 7.39 ng
RT: 9.36 min Scan# 654
Delta R.T. -0.06 min
Lab File: BF092216.D
Acq: 12 Jan 2017 19:14

Tgt Ion:163 Resp: 159179
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 10.4 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

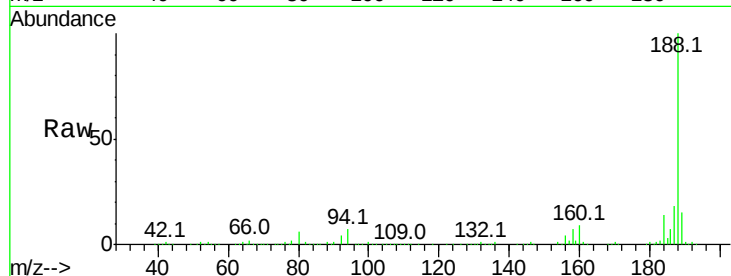




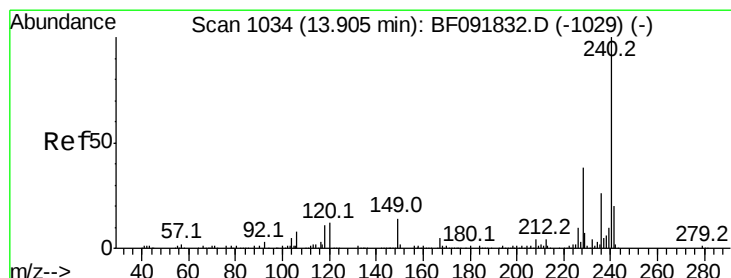
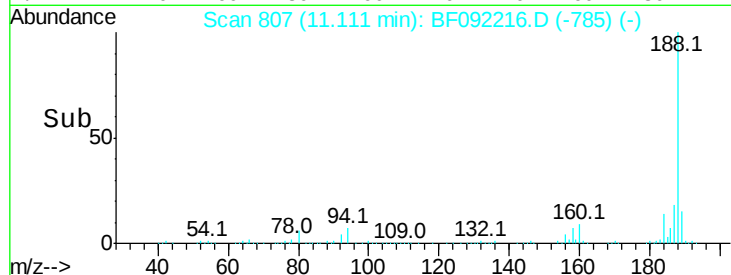
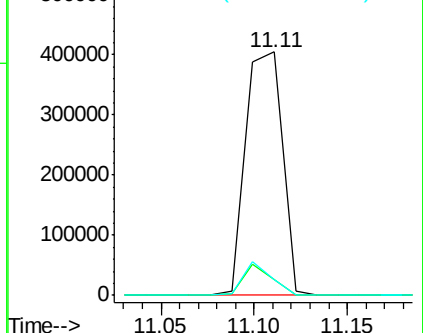
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 807
Delta R.T. -0.05 min
Lab File: BF092216.D
Acq: 12 Jan 2017 19:14

Instrument :
BNA_F
ClientSampleId :
COMP-0010

Tot Ion:188 Resp: 555137
Ion Ratio Lower Upper
188 100
94 6.6 10.0 15.0#
80 6.5 11.2 16.8#

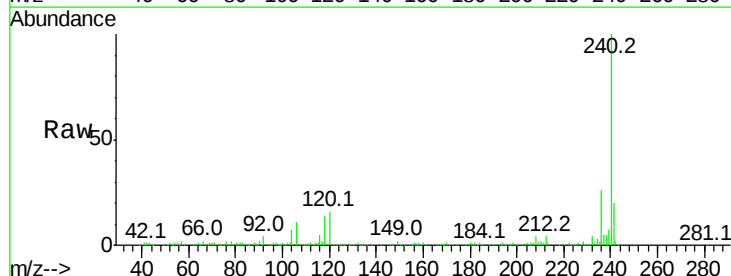


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

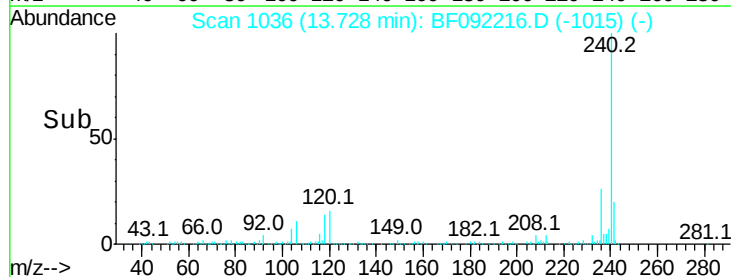
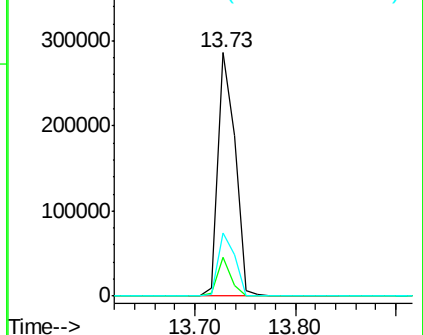


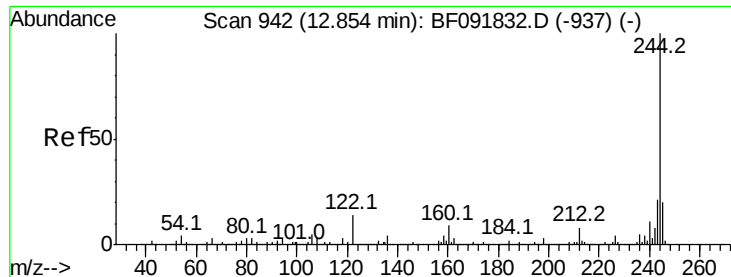
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1036
Delta R.T. -0.06 min
Lab File: BF092216.D
Acq: 12 Jan 2017 19:14

Tgt Ion:240 Resp: 339253
Ion Ratio Lower Upper
240 100
120 15.8 12.9 19.3
236 25.8 20.9 31.3



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

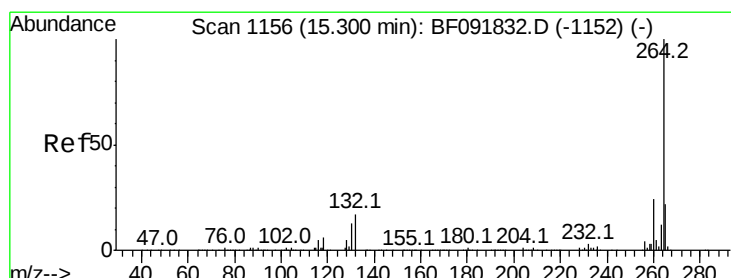
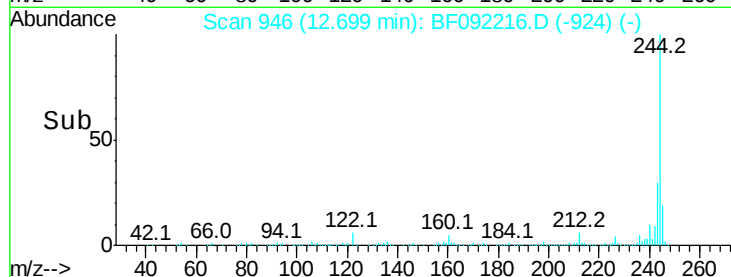
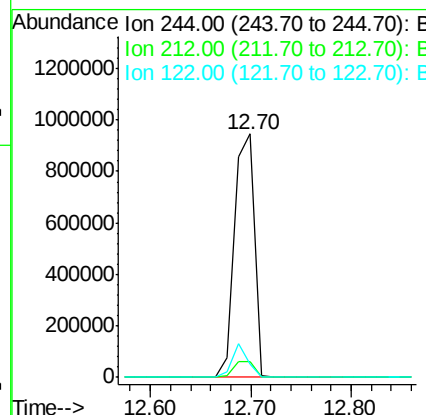
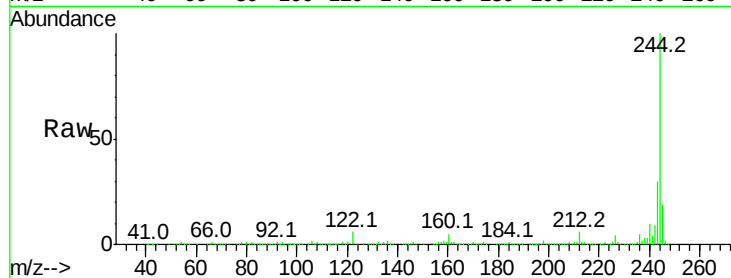




#78
 Terphenyl-d14
 Concen: 92.71 ng
 RT: 12.70 min Scan# 946
 Delta R.T. -0.05 min
 Lab File: BF092216.D
 Acq: 12 Jan 2017 19:14

Instrument :
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 ClientSampleId :
 COMP-0010

Tot Ion:244 Resp: 1296913
 Ion Ratio Lower Upper
 244 100
 212 6.2 6.2 9.2
 122 5.5 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.09 min Scan# 1155
 Delta R.T. -0.06 min
 Lab File: BF092216.D
 Acq: 12 Jan 2017 19:14

Tgt Ion:264 Resp: 337629
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 22.2 17.4 26.0

