

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120516\
 Data File : BF091447.D
 Acq On : 6 Dec 2016 6:29
 Operator : UM/SJ
 Sample : H5836-13
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP16-COMP3

Quant Time: Dec 06 07:00:35 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

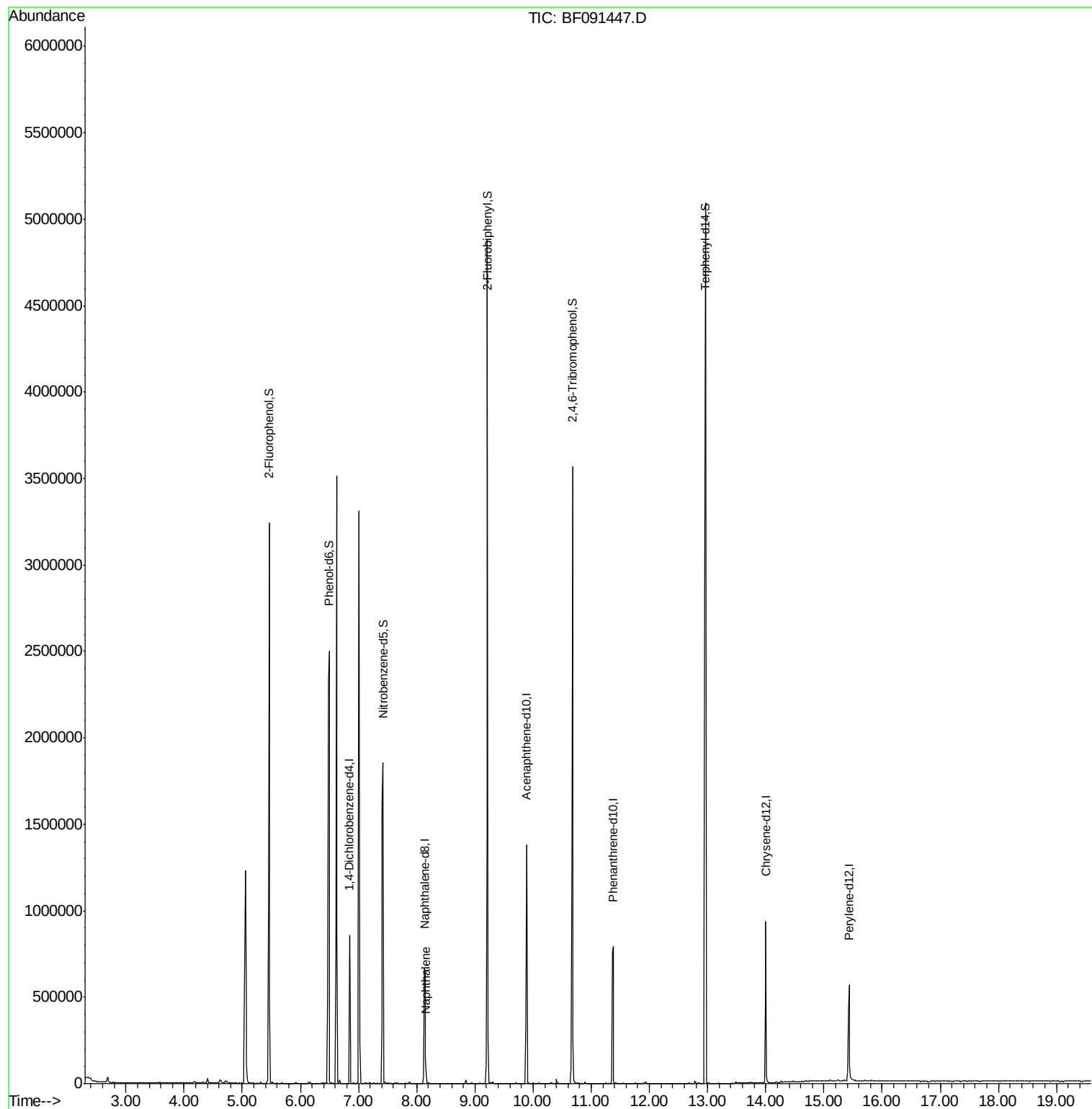
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	113929	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	444020	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	306454	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	461949	20.00	ng	0.00
75) Chrysene-d12	14.00	240	409787	20.00	ng	0.00
86) Perylene-d12	15.43	264	316801	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	830831	119.13	ng	0.02
7) Phenol-d6	6.49	99	1218409	141.92	ng	0.01
23) Nitrobenzene-d5	7.42	82	841237	106.17	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	424267	146.24	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1525802	90.15	ng	0.00
78) Terphenyl-d14	12.96	244	1950070	103.43	ng	0.00
Target Compounds						
31) Naphthalene	8.15	128	66038	3.13	ng	Qvalue 98

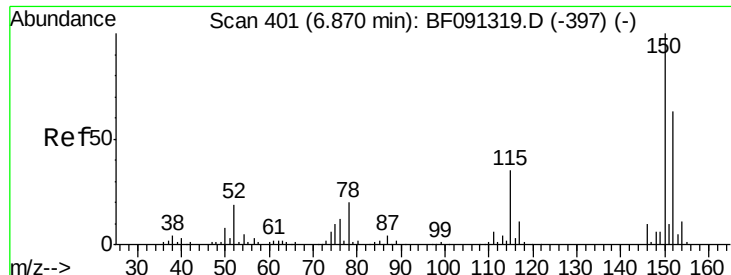
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF091447.D

Acq: 6 Dec 2016 6:29

Instrument :

BNA_F

ClientSampleId :

TP16-COMP3

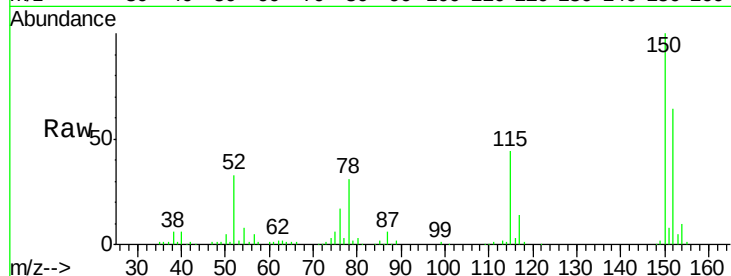
Tot Ion:152 Resp: 113929

Ion Ratio Lower Upper

152 100

150 156.0 122.5 183.7

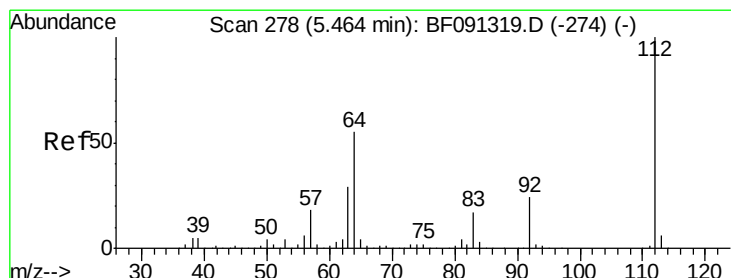
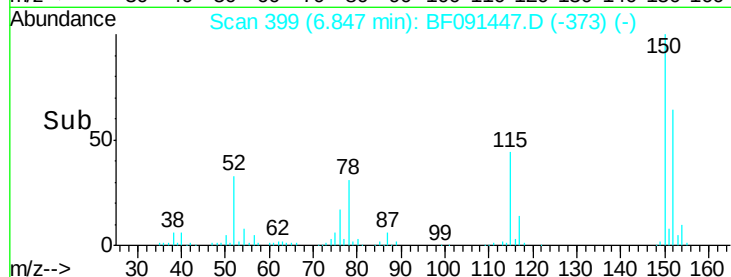
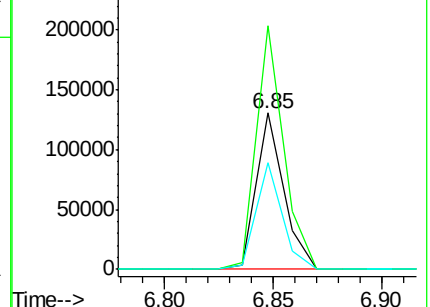
115 68.3 51.8 77.8



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: 119.13 ng

RT: 5.46 min Scan# 278

Delta R.T. 0.02 min

Lab File: BF091447.D

Acq: 6 Dec 2016 6:29

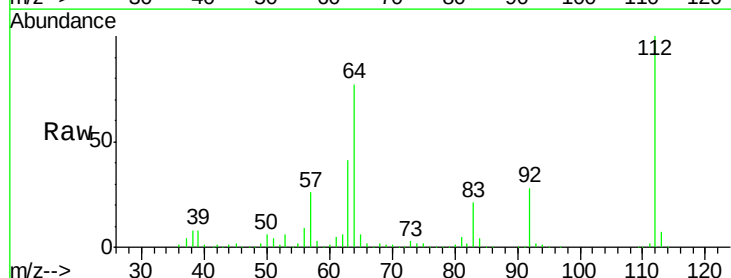
Tgt Ion:112 Resp: 830831

Ion Ratio Lower Upper

112 100

64 77.5 61.5 92.3

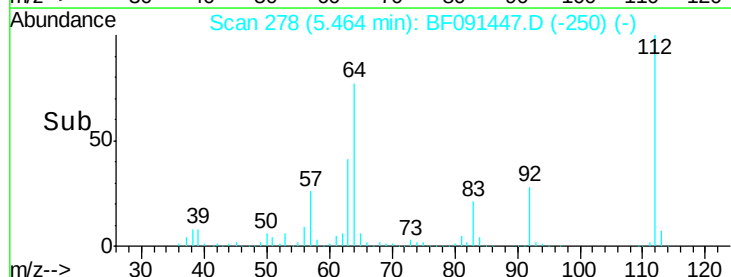
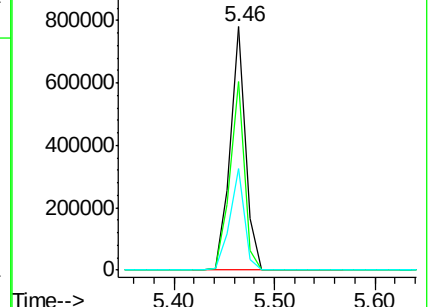
63 41.5 33.3 49.9

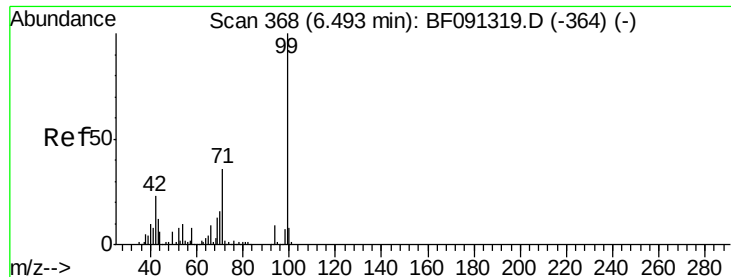


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 141.92 ng

RT: 6.49 min Scan# 368

Delta R.T. 0.01 min

Lab File: BF091447.D

Acq: 6 Dec 2016 6:29

Instrument :

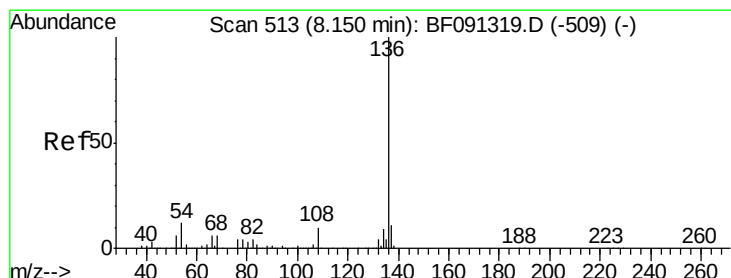
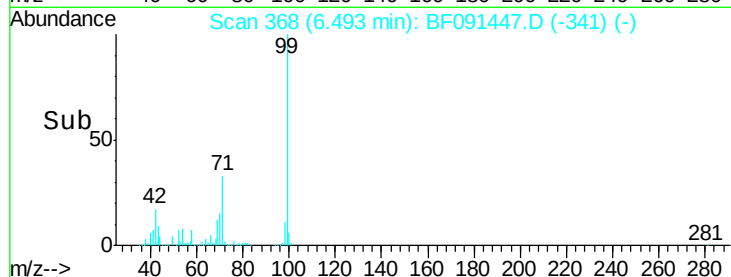
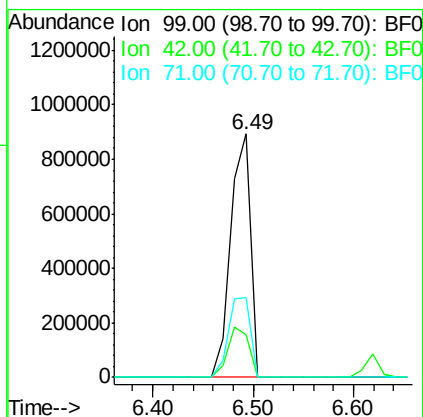
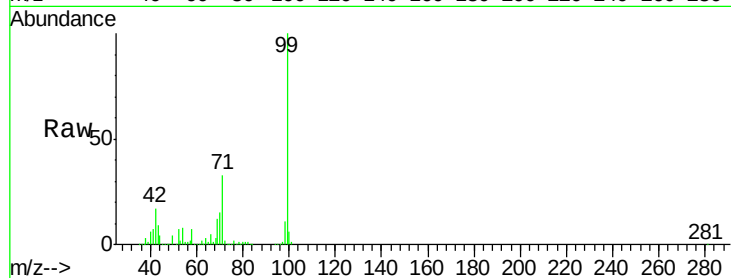
BNA_F

ClientSampleId :

TP16-COMP3

Tot Ion: 99 Resp: 1218409

Ion	Ratio	Lower	Upper
99	100		
42	17.3	20.6	31.0#
71	32.6	29.9	44.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 512

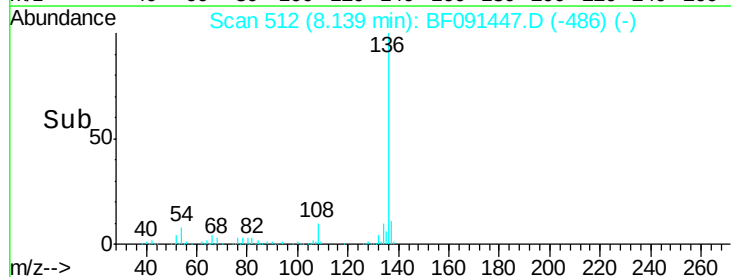
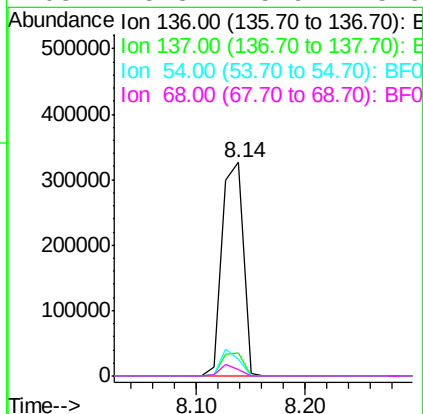
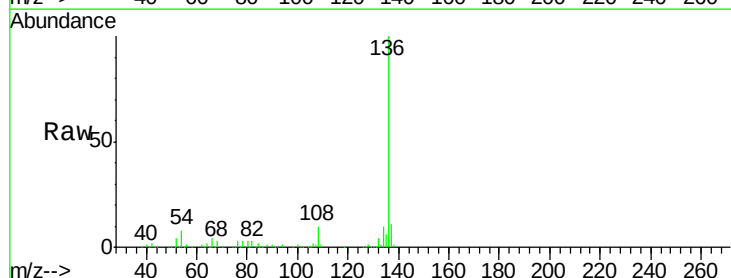
Delta R.T. -0.00 min

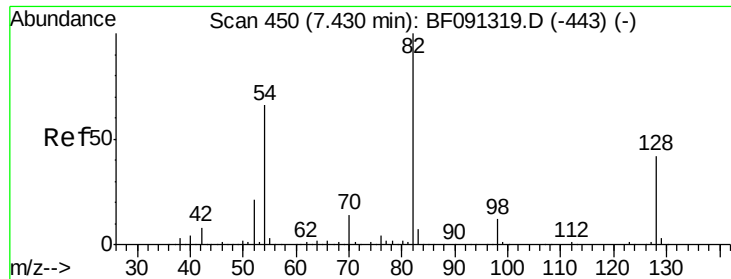
Lab File: BF091447.D

Acq: 6 Dec 2016 6:29

Tgt Ion: 136 Resp: 444020

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	7.6	9.1	13.7#
68	3.3	5.9	8.9#

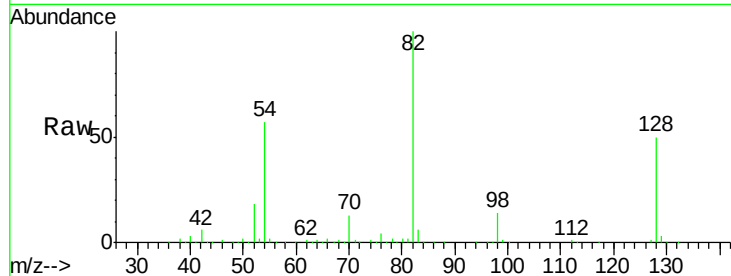




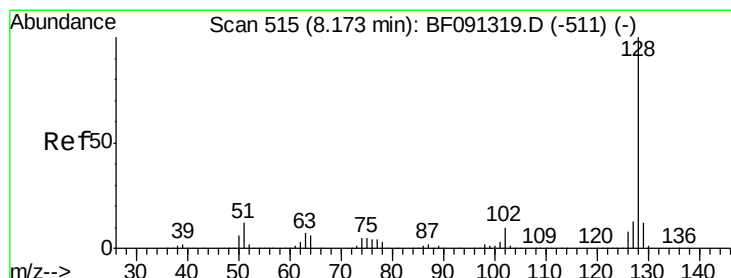
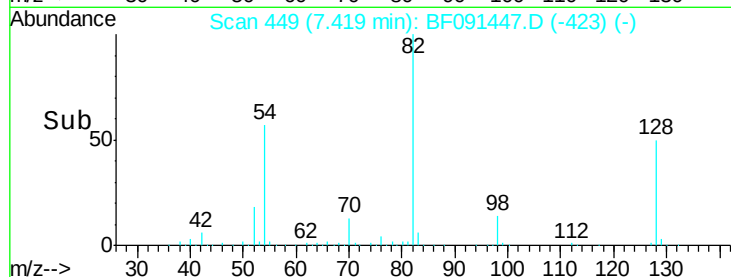
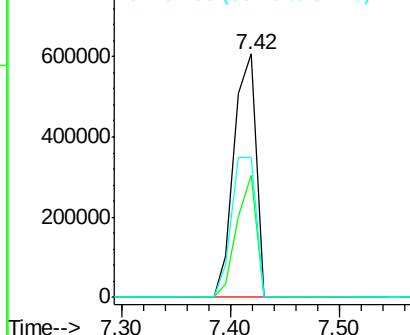
#23
Nitrobenzene-d5
Concen: 106.17 ng
RT: 7.42 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF091447.D
Acq: 6 Dec 2016 6:29

Instrument :
BNA_F
ClientSampleId :
TP16-COMP3

Tot Ion: 82 Resp: 841237
Ion Ratio Lower Upper
82 100
128 49.9 31.8 47.6#
54 57.3 49.1 73.7

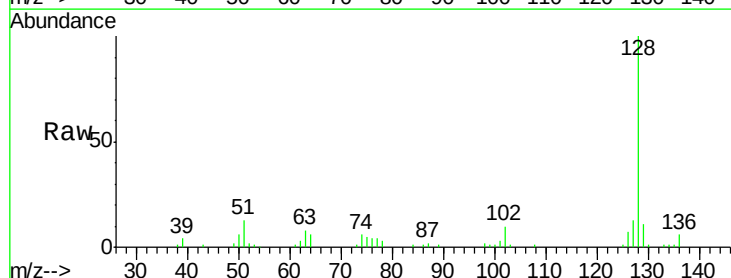


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

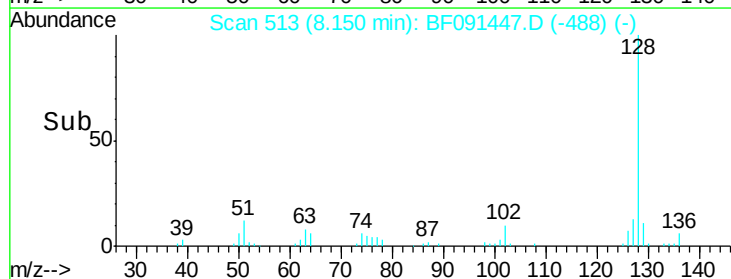
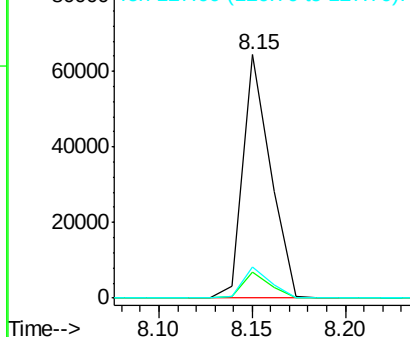


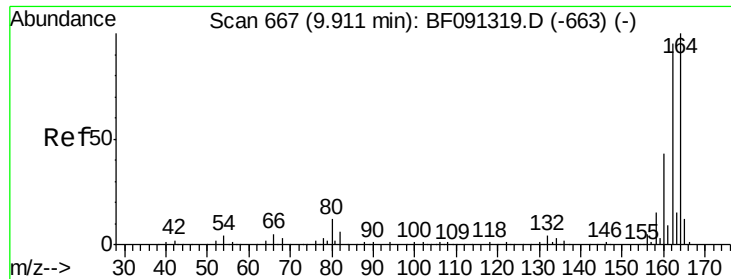
#31
Naphthalene
Concen: 3.13 ng
RT: 8.15 min Scan# 513
Delta R.T. -0.01 min
Lab File: BF091447.D
Acq: 6 Dec 2016 6:29

Tgt Ion: 128 Resp: 66038
Ion Ratio Lower Upper
128 100
129 10.9 9.1 13.7
127 12.8 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

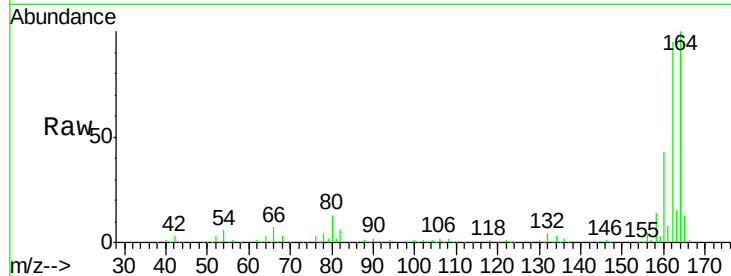




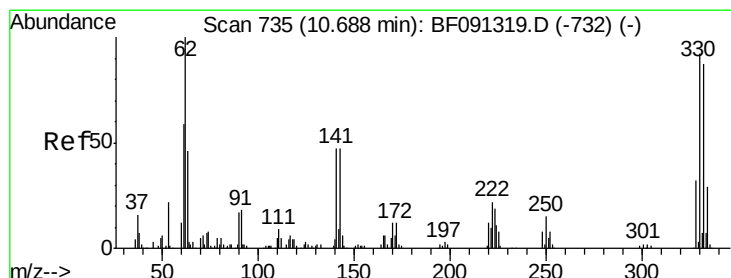
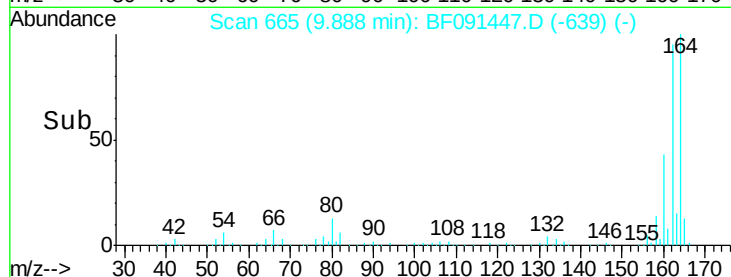
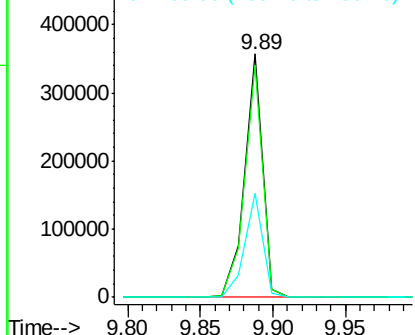
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 665
Delta R.T. -0.00 min
Lab File: BF091447.D
Acq: 6 Dec 2016 6:29

Instrument :
BNA_F
ClientSampleId :
TP16-COMP3

Tot Ion:164 Resp: 306454
Ion Ratio Lower Upper
164 100
162 95.4 82.6 124.0
160 42.6 36.7 55.1

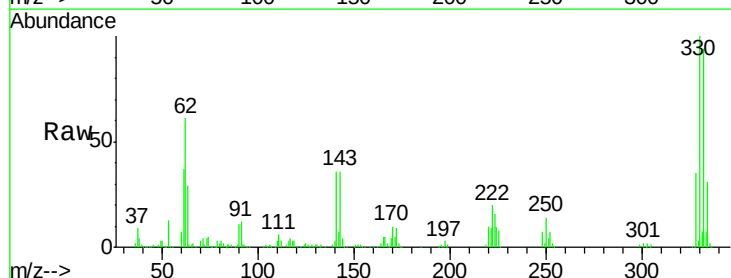


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

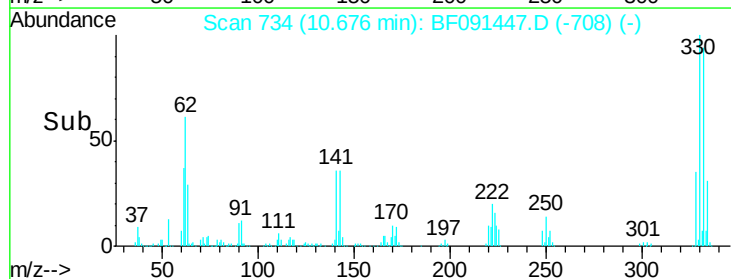
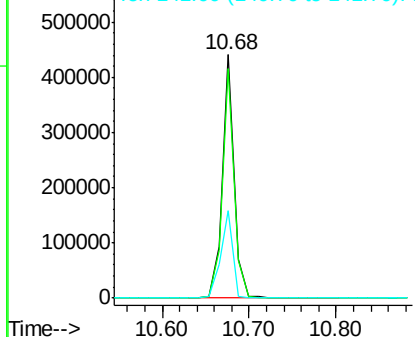


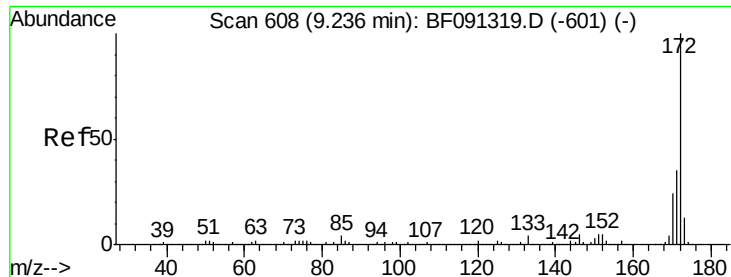
#41
2,4,6-Tribromophenol
Concen: 146.24 ng
RT: 10.68 min Scan# 734
Delta R.T. -0.00 min
Lab File: BF091447.D
Acq: 6 Dec 2016 6:29

Tgt Ion:330 Resp: 424267
Ion Ratio Lower Upper
330 100
332 94.0 76.2 114.4
141 36.5 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



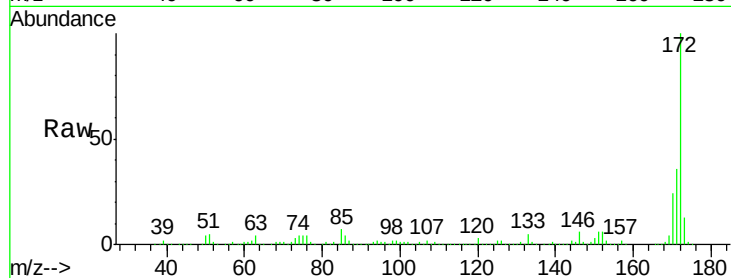


#44
 2-Fluorobiphenyl
 Concen: 90.15 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF091447.D
 Acq: 6 Dec 2016 6:29

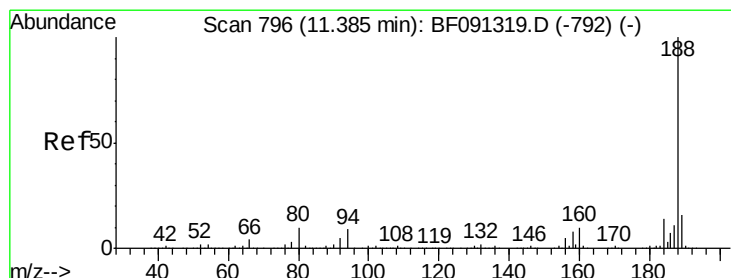
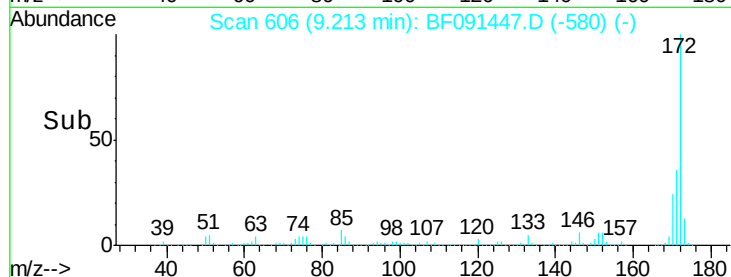
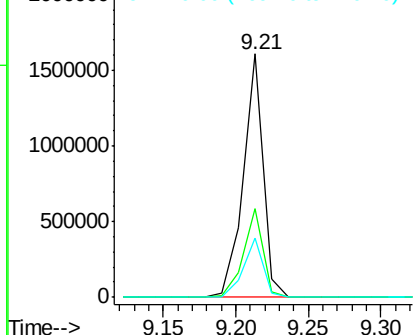
Instrument :
 BNA_F
 ClientSampleId :
 TP16-COMP3

Tot Ion:172 Resp: 1525802

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	24.3	19.7	29.5



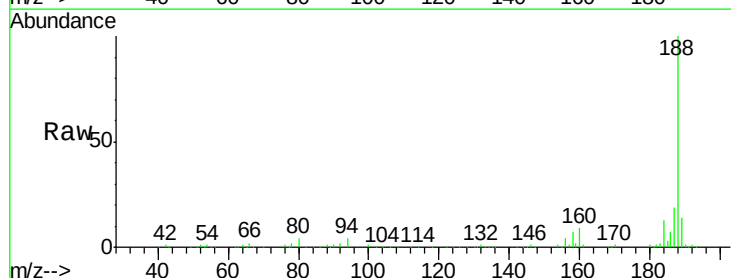
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



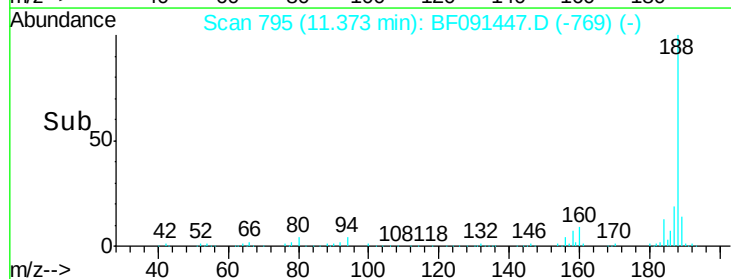
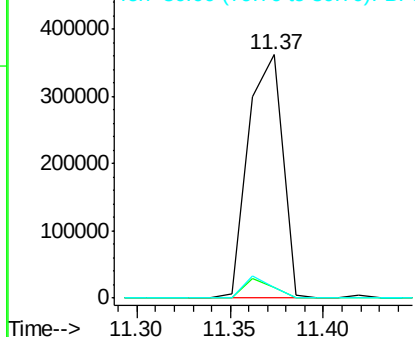
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF091447.D
 Acq: 6 Dec 2016 6:29

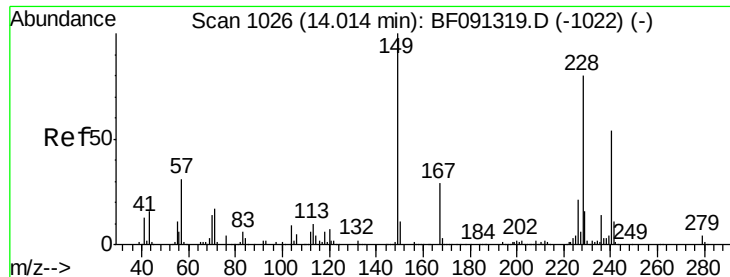
Tgt Ion:188 Resp: 461949

Ion	Ratio	Lower	Upper
188	100		
94	4.2	9.2	13.8#
80	4.5	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: BF091447.D

Acq: 6 Dec 2016 6:29

Instrument :

BNA_F

ClientSampleId :

TP16-COMP3

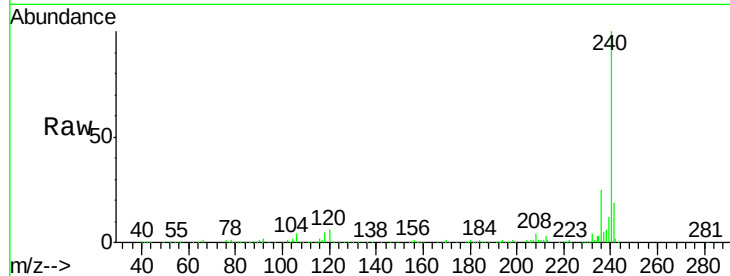
Tot Ion:240 Resp: 409787

Ion Ratio Lower Upper

240 100

120 6.0 12.1 18.1#

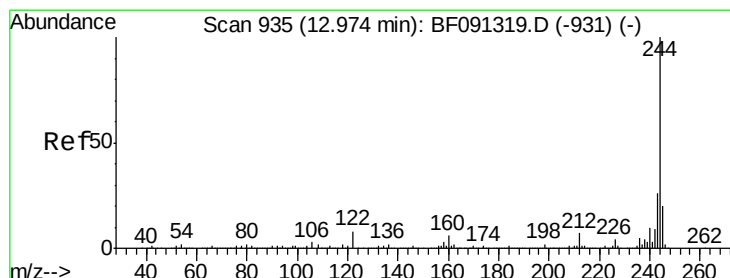
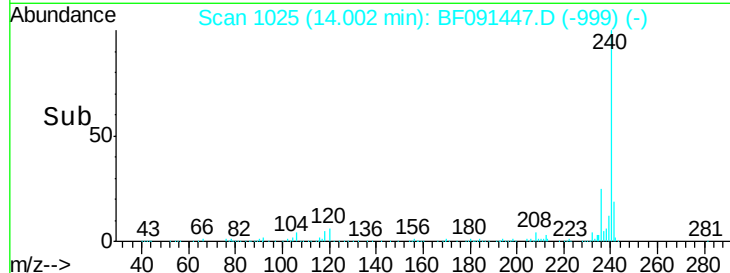
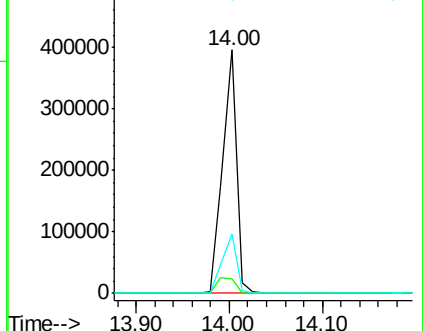
236 24.5 21.0 31.6



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: 103.43 ng

RT: 12.96 min Scan# 934

Delta R.T. -0.00 min

Lab File: BF091447.D

Acq: 6 Dec 2016 6:29

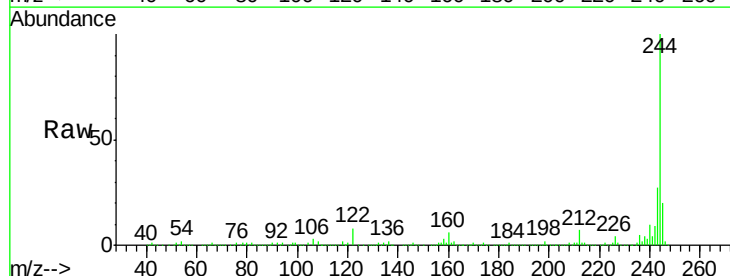
Tgt Ion:244 Resp: 1950070

Ion Ratio Lower Upper

244 100

212 7.3 6.5 9.7

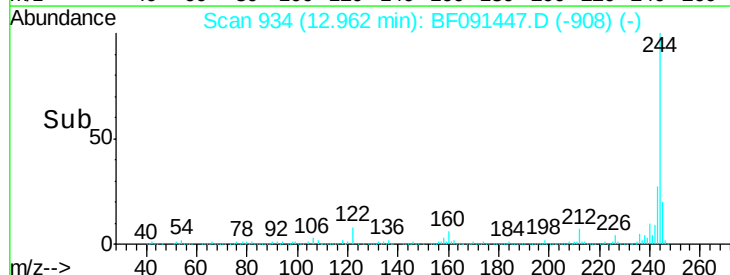
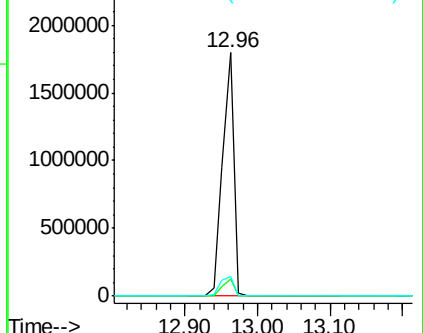
122 7.9 9.5 14.3#

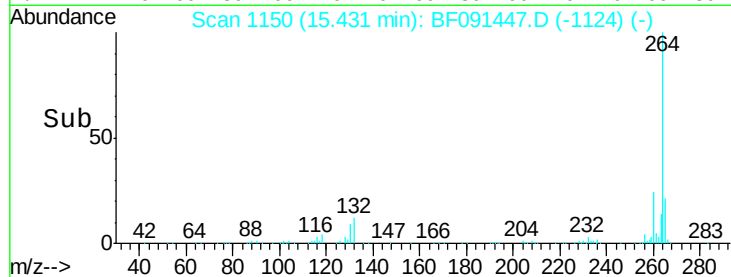
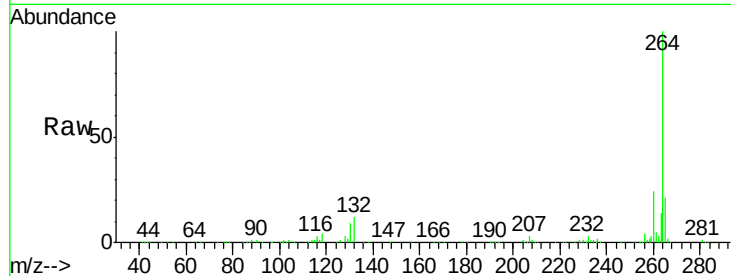
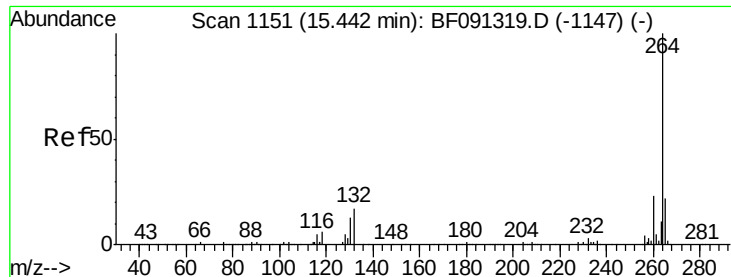


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BF091447.D
Acq: 6 Dec 2016 6:29

Instrument :
BNA_F
ClientSampleId :
TP16-COMP3

Tot Ion:	264	Resp:	316801
Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.8	28.2
265	21.1	17.0	25.6

