

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
 Data File : BF090512.D
 Acq On : 11 Oct 2016 19:57
 Operator : UM/SJ
 Sample : H5157-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Time: Oct 12 01:18:56 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 11 16:14:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	211384	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	847240	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	471015	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	785190	20.00	ng	0.00
75) Chrysene-d12	14.12	240	707091	20.00	ng	-0.01
86) Perylene-d12	15.61	264	567959	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	646735	47.60	ng	0.00
7) Phenol-d6	6.58	99	494986	28.87	ng	-0.01
23) Nitrobenzene-d5	7.51	82	1354339	86.70	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	581531	124.55	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	2442202	87.13	ng	0.00
78) Terphenyl-d14	13.08	244	3022793	104.47	ng	0.00

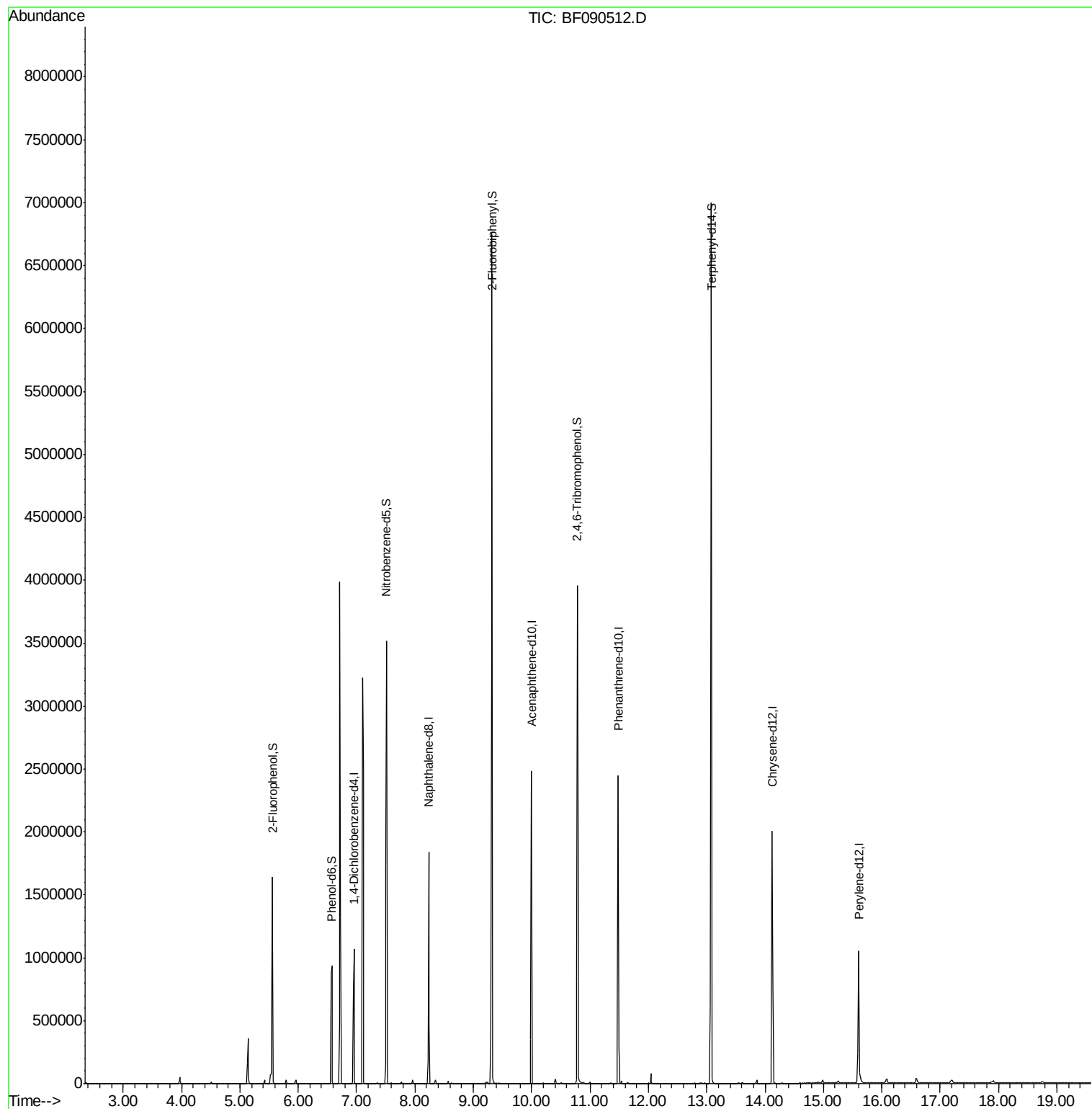
Target Compounds Qvalue

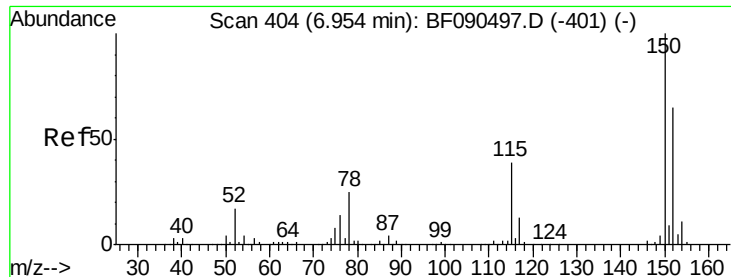
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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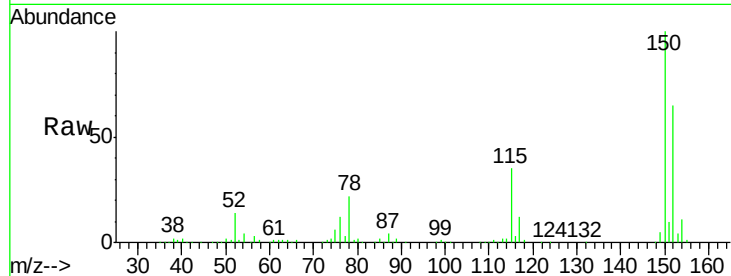


#1

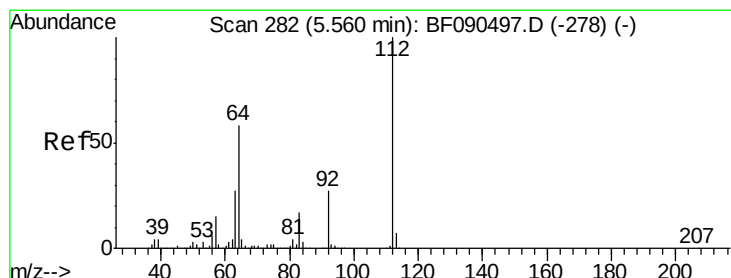
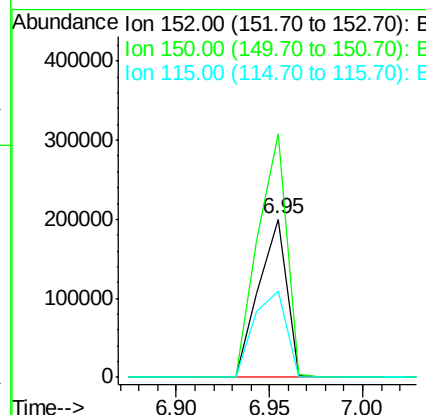
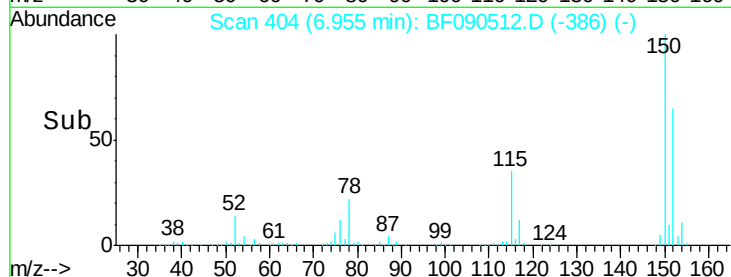
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF090512.D
Acq: 11 Oct 2016 19:57

Instrument :
BNA_F
ClientSampleId :
FIELDBLANK

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.6	186.8
115	54.7	46.2	69.4



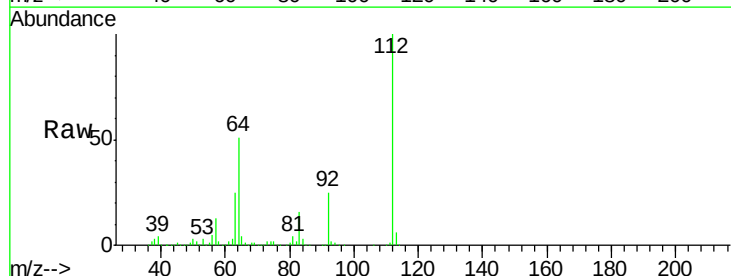
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



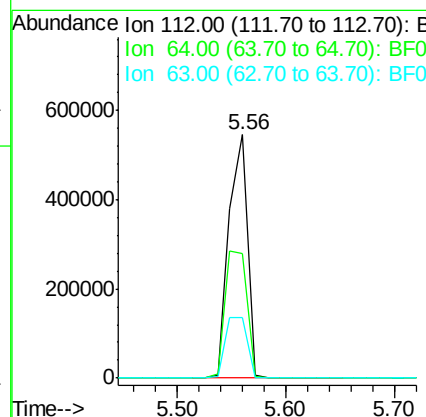
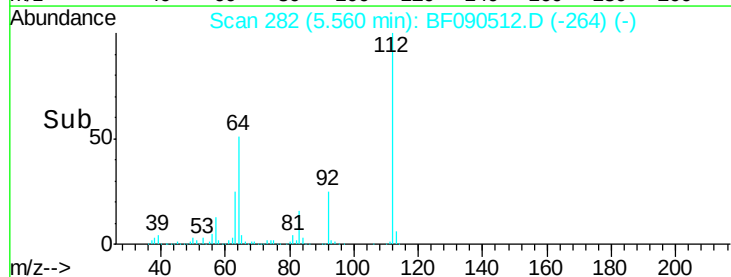
#5

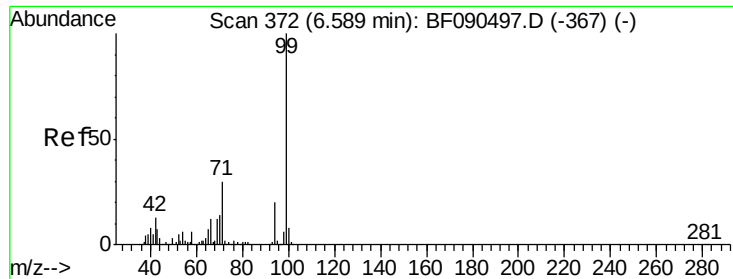
2-Fluorophenol
Concen: 47.60 ng
RT: 5.56 min Scan# 282
Delta R.T. 0.00 min
Lab File: BF090512.D
Acq: 11 Oct 2016 19:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.3	57.9	86.9#
63	24.9	29.6	44.4#



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: 28.87 ng

RT: 6.58 min Scan# 371

Delta R.T. -0.01 min

Lab File: BF090512.D

Acq: 11 Oct 2016 19:57

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK

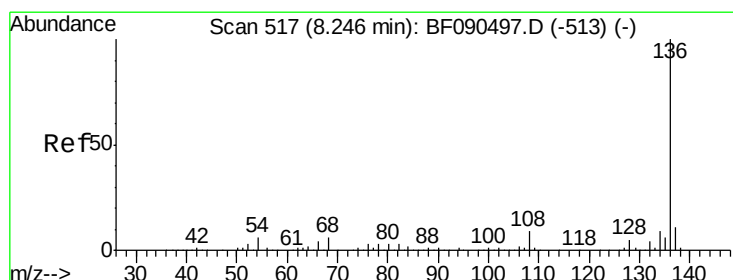
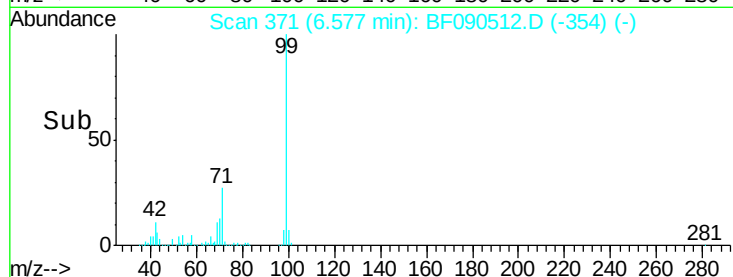
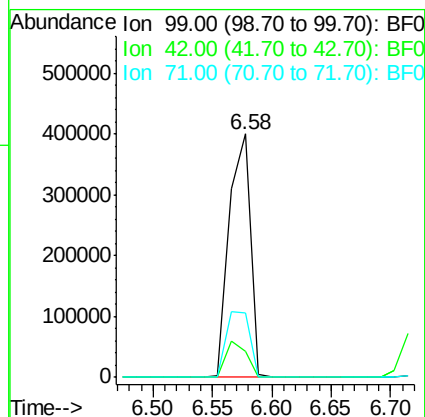
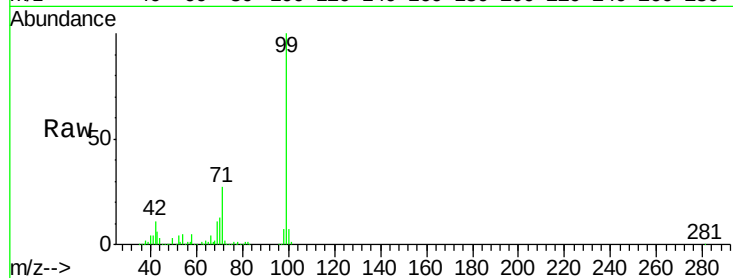
Tot Ion: 99 Resp: 494986

Ion Ratio Lower Upper

99 100

42 10.8 20.0 30.0#

71 26.7 27.9 41.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.23 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF090512.D

Acq: 11 Oct 2016 19:57

Tgt Ion: 136 Resp: 847240

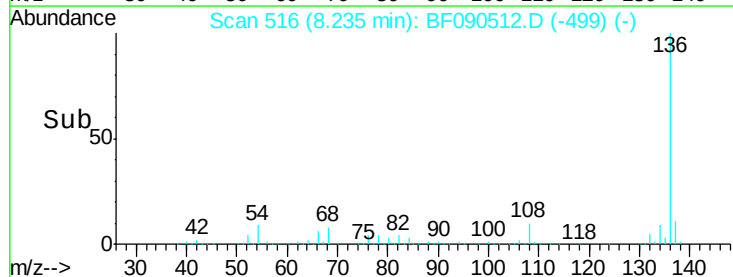
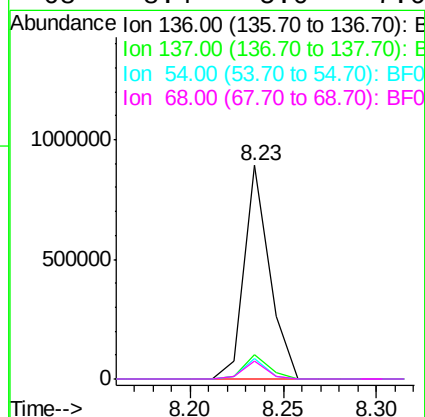
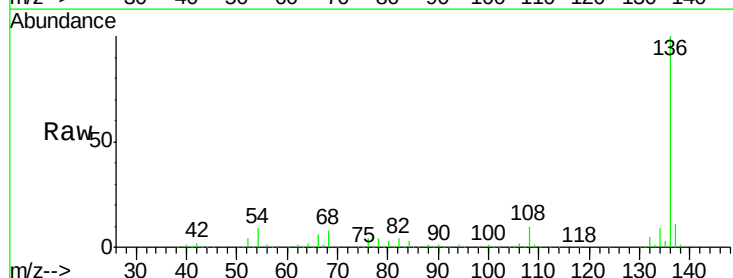
Ion Ratio Lower Upper

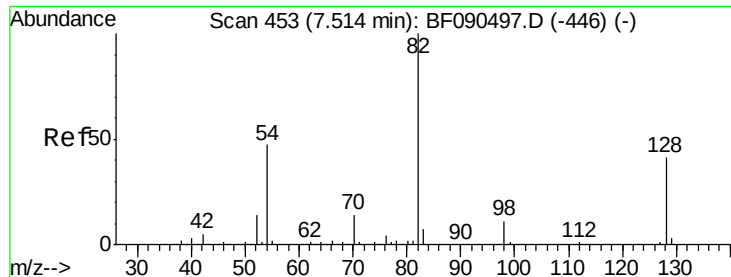
136 100

137 11.3 9.0 13.6

54 9.4 6.6 10.0

68 8.4 5.0 7.6#





#23

Nitrobenzene-d5

Concen: 86.70 ng

RT: 7.51 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF090512.D

Acq: 11 Oct 2016 19:57

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK

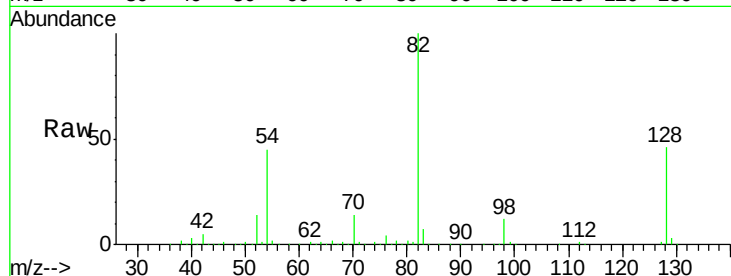
Tot Ion: 82 Resp: 1354339

Ion Ratio Lower Upper

82 100

128 46.2 40.0 60.0

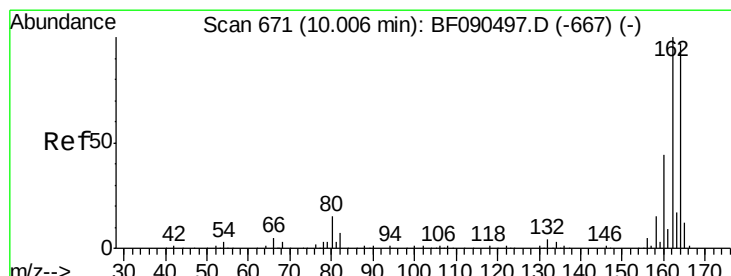
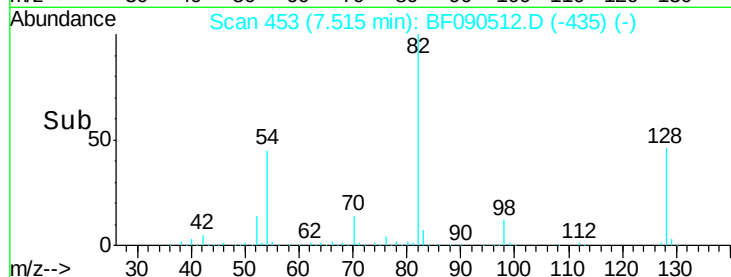
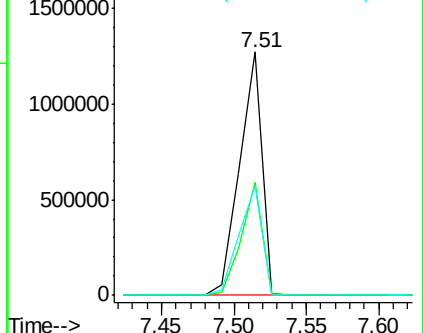
54 45.1 42.6 64.0



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: 9.99 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF090512.D

Acq: 11 Oct 2016 19:57

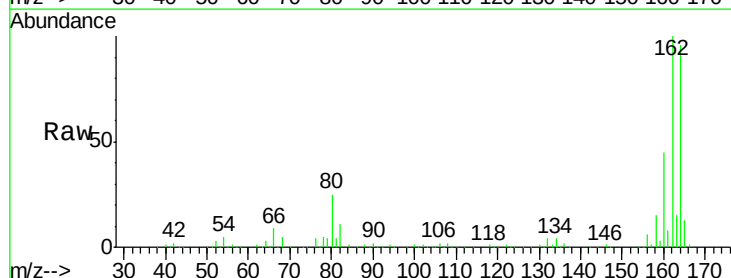
Tgt Ion:164 Resp: 471015

Ion Ratio Lower Upper

164 100

162 103.7 80.1 120.1

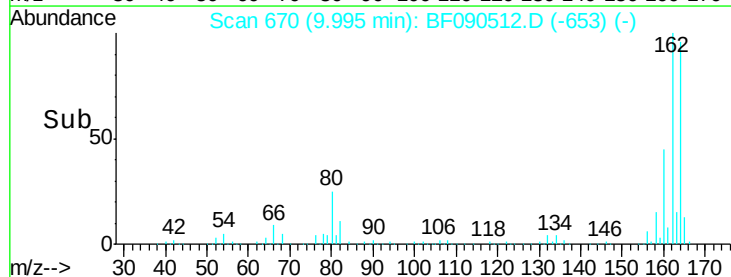
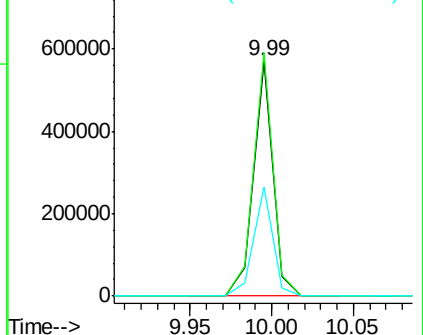
160 46.7 36.3 54.5

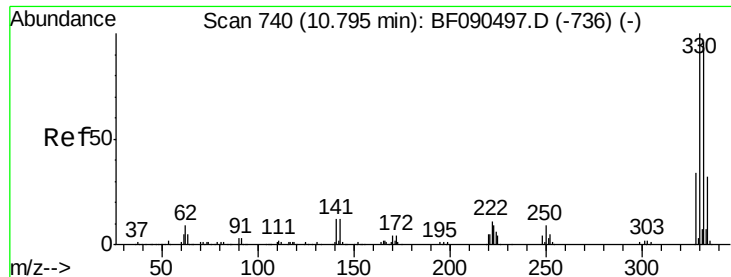


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

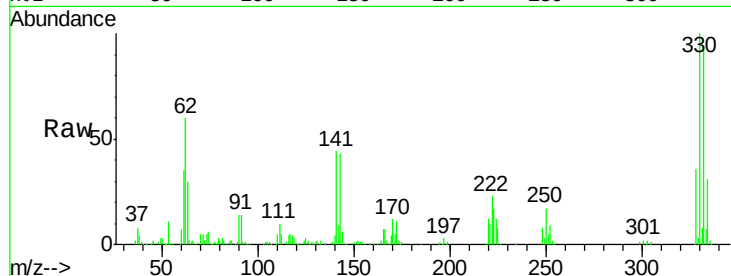




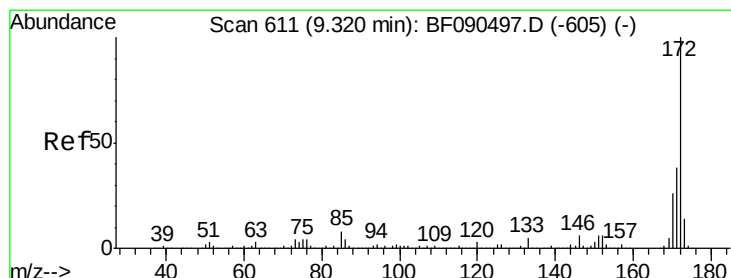
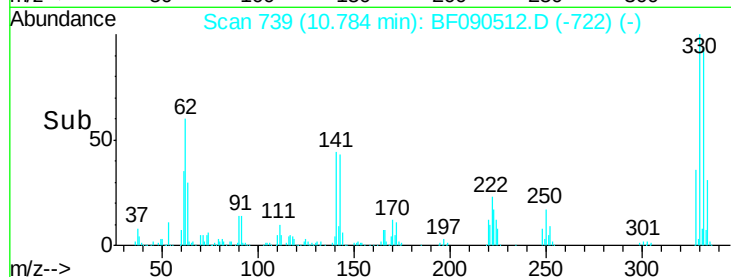
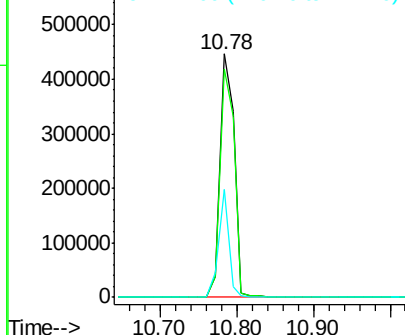
#41
 2,4,6-Tribromophenol
 Concen: 124.55 ng
 RT: 10.78 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF090512.D
 Acq: 11 Oct 2016 19:57

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	75.4	113.0
141	31.9	26.9	40.3

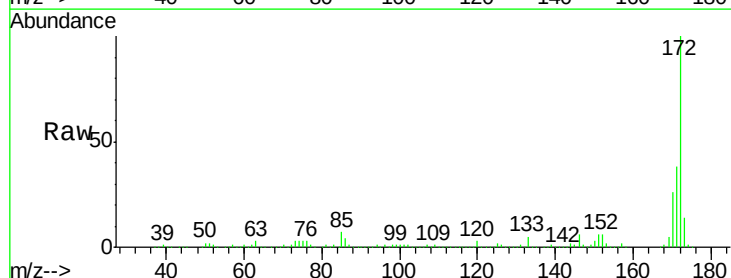


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

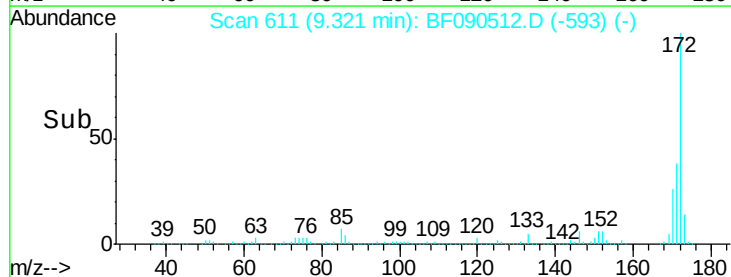
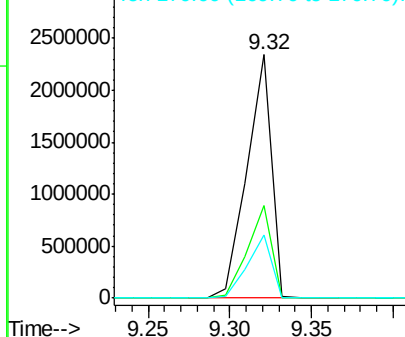


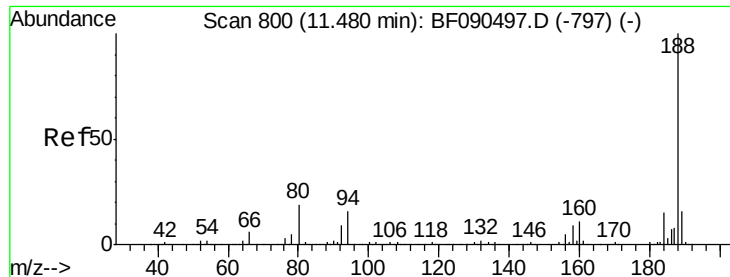
#44
 2-Fluorobiphenyl
 Concen: 87.13 ng
 RT: 9.32 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF090512.D
 Acq: 11 Oct 2016 19:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.8	47.8
170	26.0	21.7	32.5



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

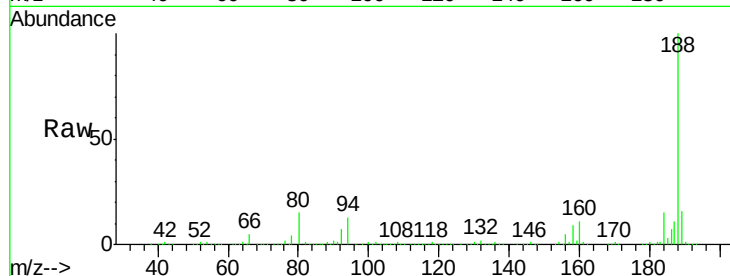




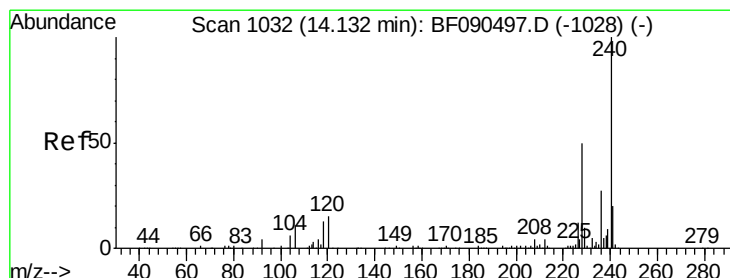
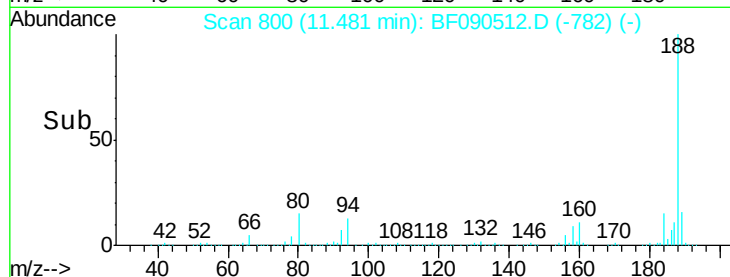
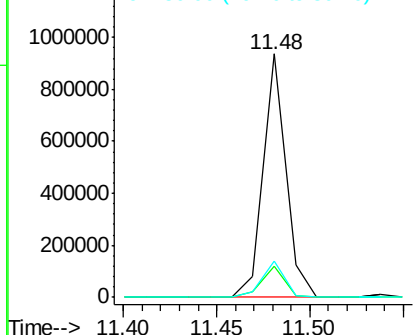
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF090512.D
Acq: 11 Oct 2016 19:57

Instrument :
BNA_F
ClientSampleId :
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Tot Ion:188 Resp: 785190
Ion Ratio Lower Upper
188 100
94 13.0 8.2 12.2#
80 14.9 8.8 13.2#

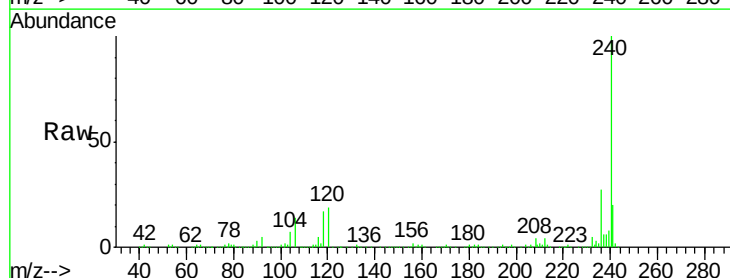


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

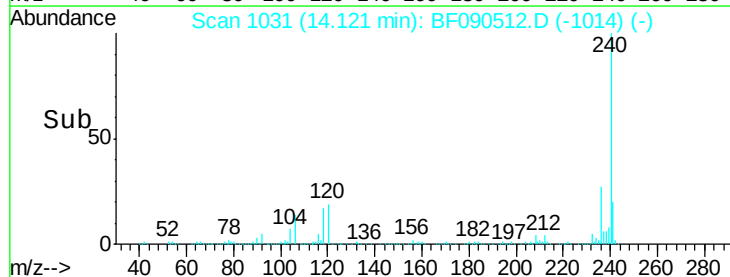
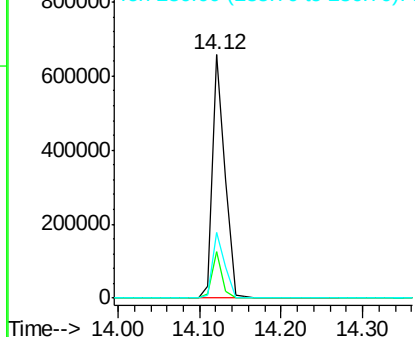


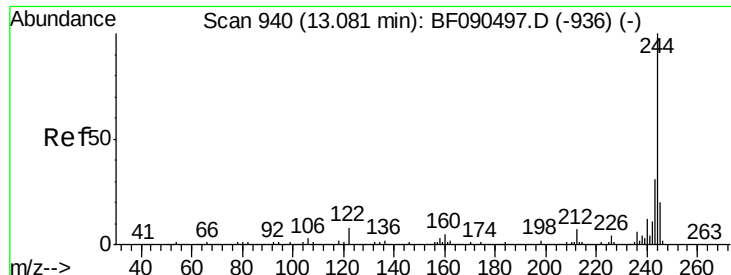
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.12 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF090512.D
Acq: 11 Oct 2016 19:57

Tgt Ion:240 Resp: 707091
Ion Ratio Lower Upper
240 100
120 18.9 8.6 13.0#
236 27.1 21.6 32.4



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: 104.47 ng

RT: 13.08 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF090512.D

Acq: 11 Oct 2016 19:57

Instrument :

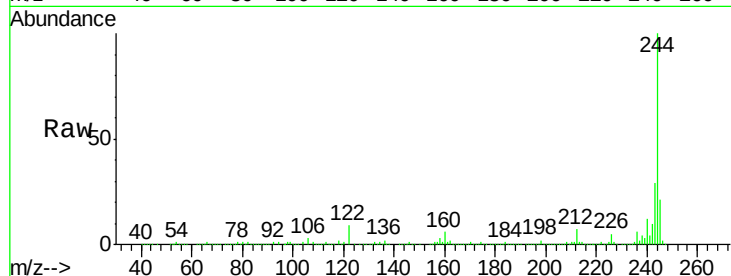
BNA_F

ClientSampleId :

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Tot Ion:244 Resp: 3022793

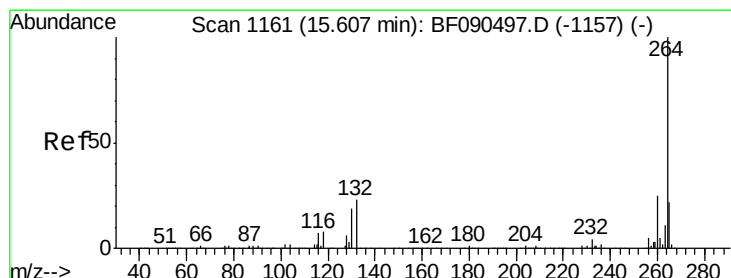
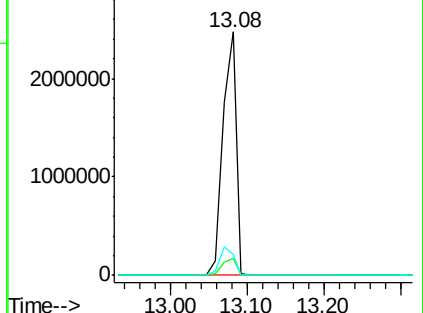
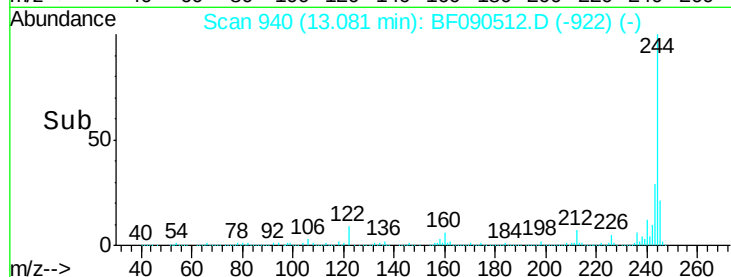
Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.8	10.2
122	8.6	13.3	19.9#



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

Perylene-d12

Concen: 20.00 ng

RT: 15.61 min Scan# 1161

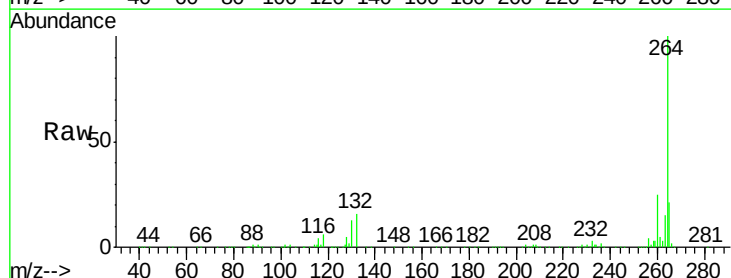
Delta R.T. 0.00 min

Lab File: BF090512.D

Acq: 11 Oct 2016 19:57

Tgt Ion:264 Resp: 567959

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.3	28.9
265	21.3	17.4	26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

