

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
 Data File : BF090506.D
 Acq On : 11 Oct 2016 17:14
 Operator : UM/SJ
 Sample : PB93839BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93839BL

Manual Integrations
 APPROVED

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Quant Time: Oct 11 18:51:43 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	312837	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	1183648	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	652707	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	1096077	20.00	ng	0.00
75) Chrysene-d12	14.13	240	1116765	20.00	ng	0.00
86) Perylene-d12	15.61	264	915279	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1632184	81.17	ng	0.01
7) Phenol-d6	6.58	99	2032740	80.11	ng	-0.01
23) Nitrobenzene-d5	7.51	82	1301817	59.65	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	501574	77.52	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	2309125	59.45	ng	0.00
78) Terphenyl-d14	13.08	244	2715496	59.42	ng	0.00

Target Compounds Qvalue

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

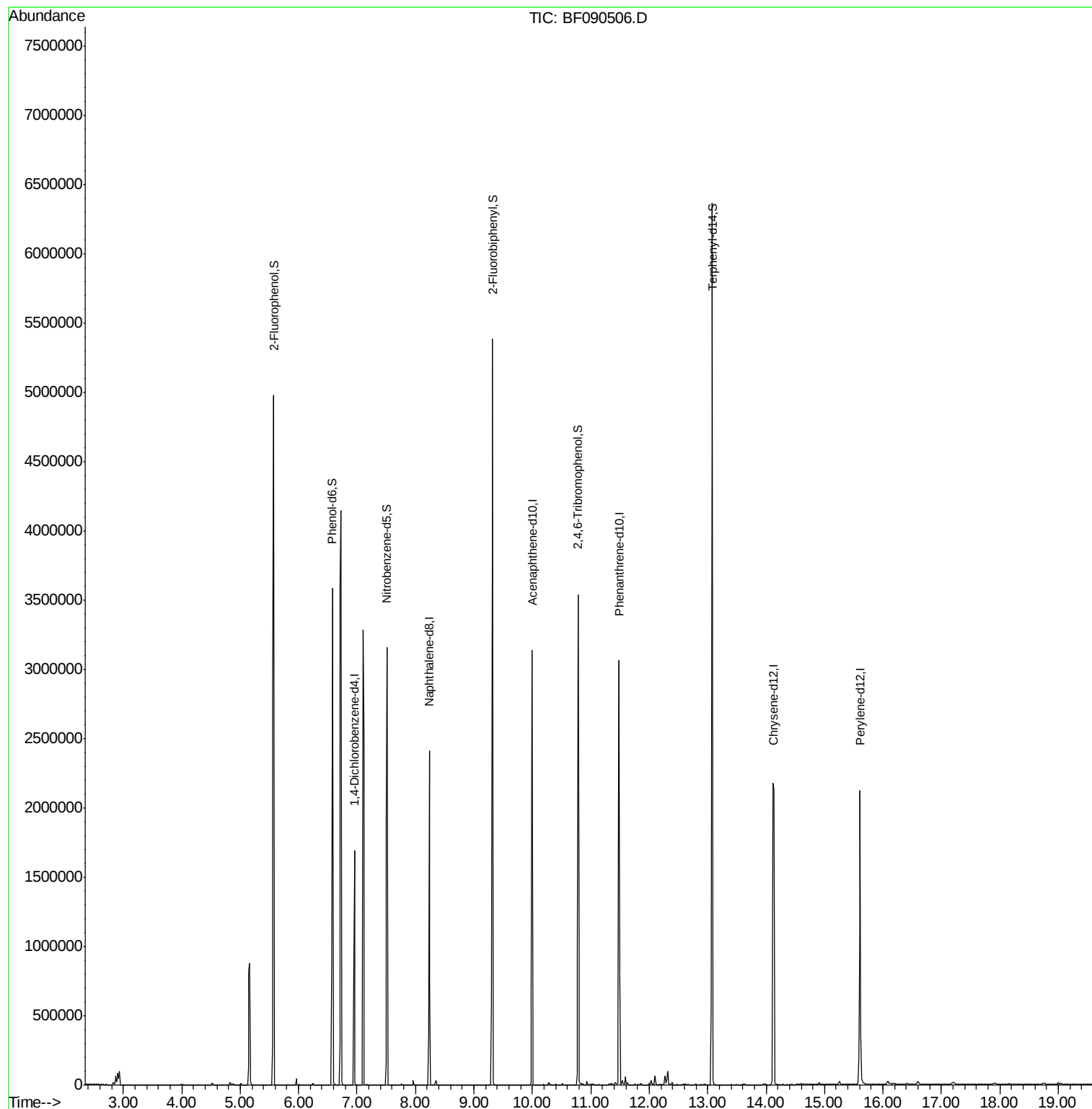
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
Data File : BF090506.D
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Misc :
ALS Vial : 4 Sample Multiplier: 1

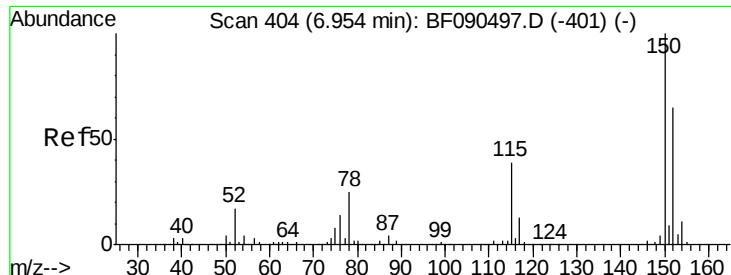
Instrument :
BNA_F
ClientSampleId :
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#1

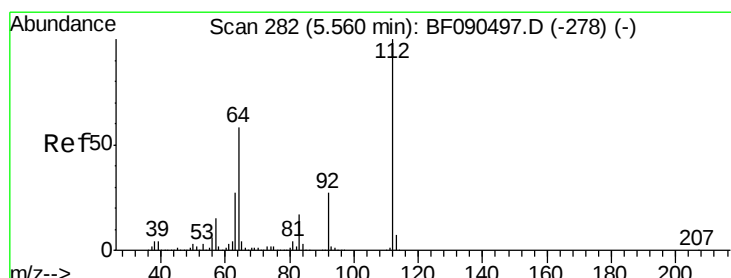
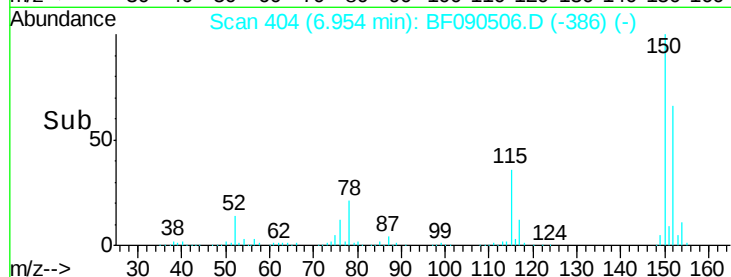
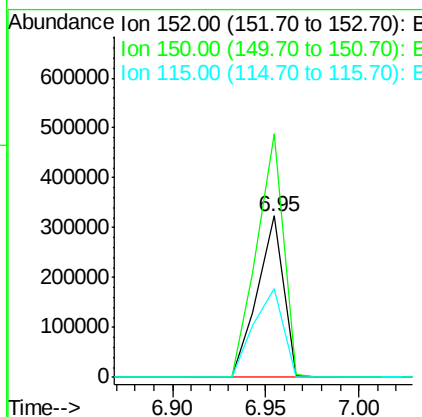
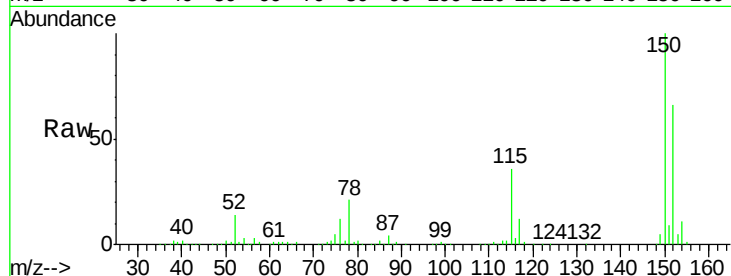
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF090506.D
Acq: 11 Oct 2016 17:14

Instrument :
BNA_F
ClientSampleId :
PB93839BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.1	124.6	186.8
115	54.9	46.2	69.4

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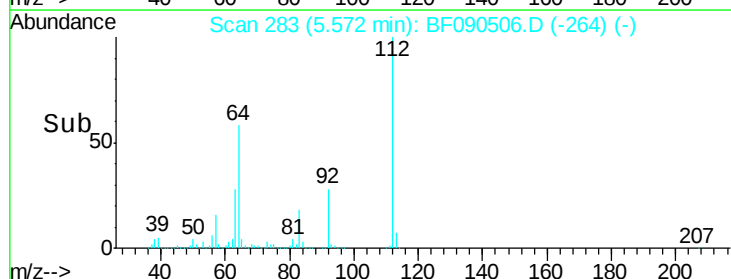
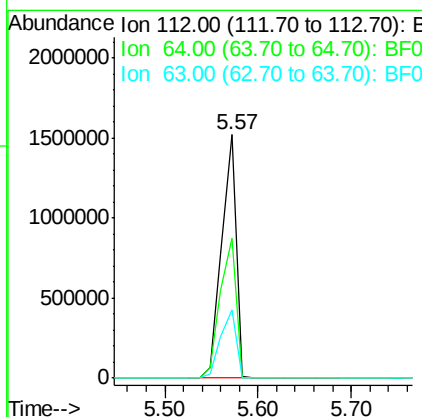
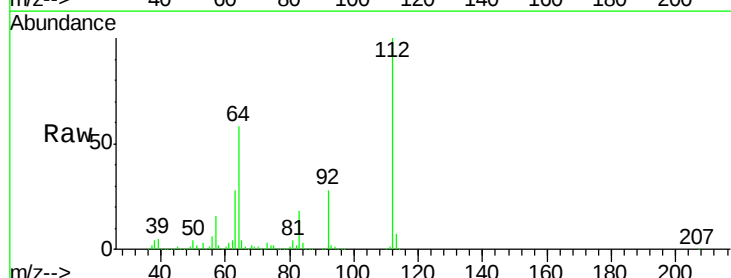
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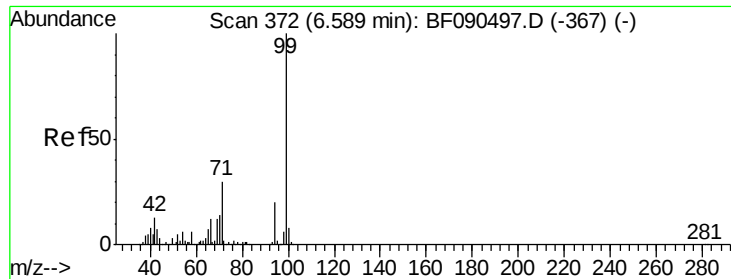


#5

2-Fluorophenol
Concen: 81.17 ng
RT: 5.57 min Scan# 283
Delta R.T. 0.01 min
Lab File: BF090506.D
Acq: 11 Oct 2016 17:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.5	57.9	86.9#
63	28.0	29.6	44.4#





#7

Phenol-d6

Concen: 80.11 ng

RT: 6.58 min Scan# 371

Delta R.T. -0.01 min

Lab File: BF090506.D

Acq: 11 Oct 2016 17:14

Instrument :

BNA_F

ClientSampleId :

PB93839BL

Tot Ion: 99 Resp: 2032740

Ion Ratio Lower Upper

99 100

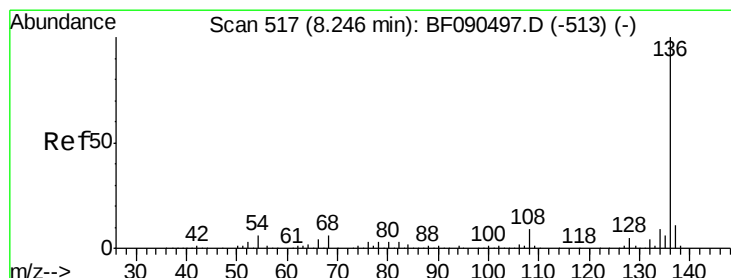
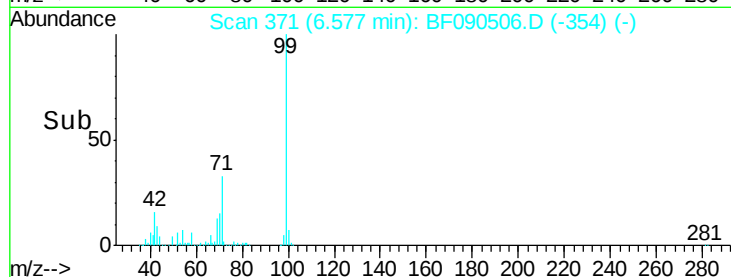
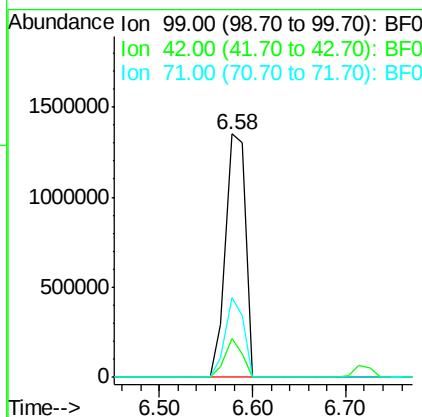
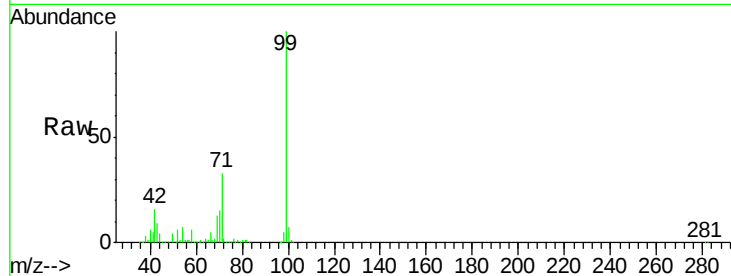
42 15.9 20.0 30.0#

71 32.6 27.9 41.9

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.23 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF090506.D

Acq: 11 Oct 2016 17:14

Tgt Ion: 136 Resp: 1183648

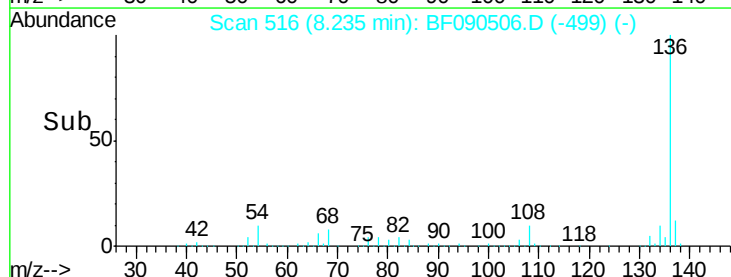
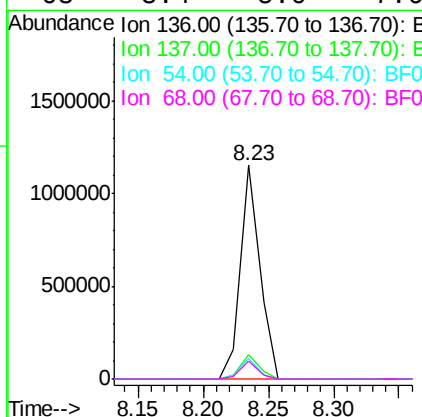
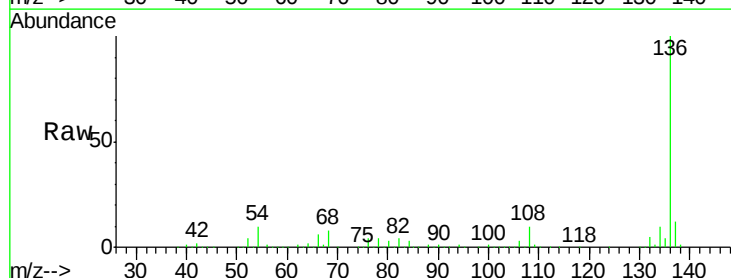
Ion Ratio Lower Upper

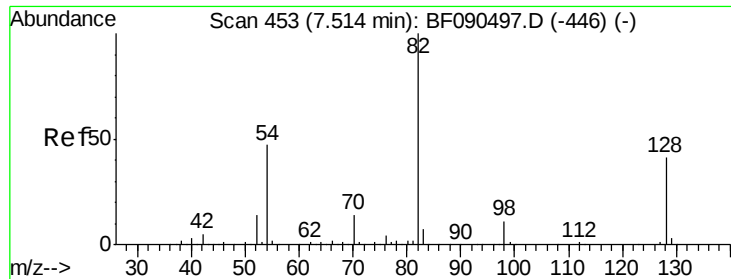
136 100

137 11.6 9.0 13.6

54 9.6 6.6 10.0

68 8.4 5.0 7.6#





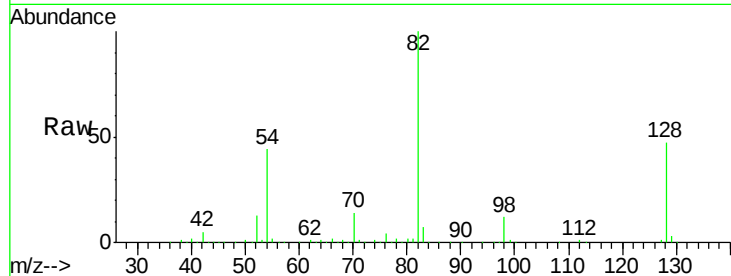
#23
 Nitrobenzene-d5
 Concen: 59.65 ng
 RT: 7.51 min Scan# 453
 Delta R.T. 0.00 min
 Lab File: BF090506.D
 Acq: 11 Oct 2016 17:14

Instrument :
 BNA_F
 ClientSampleId :
 PB93839BL

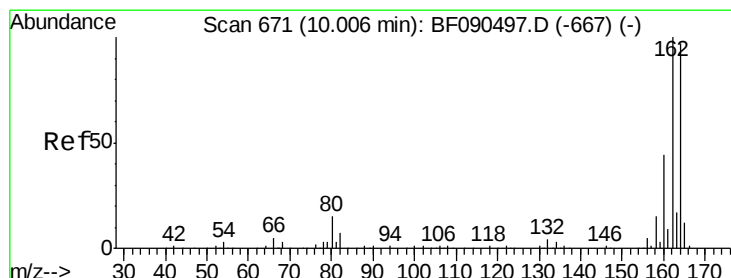
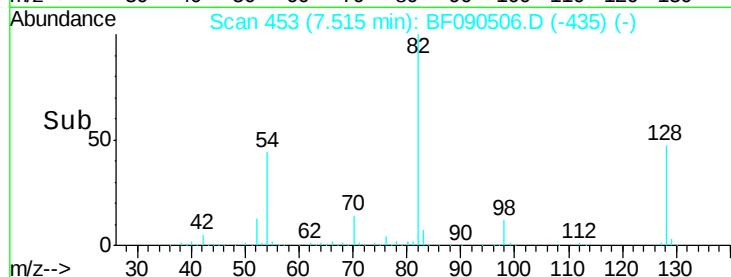
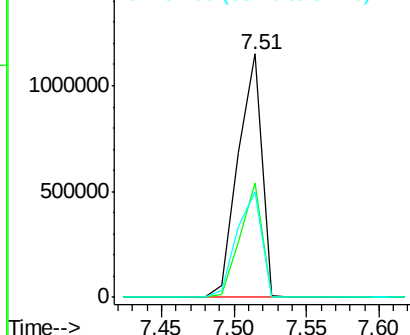
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.2	40.0	60.0
54	43.5	42.6	64.0

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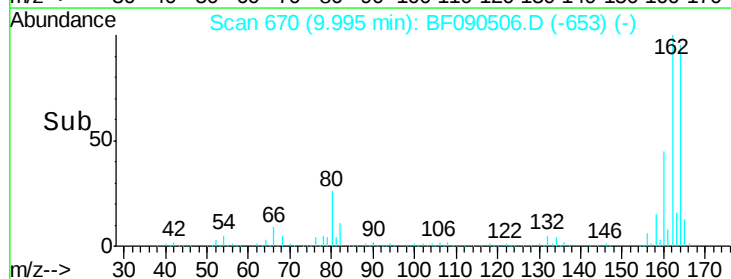
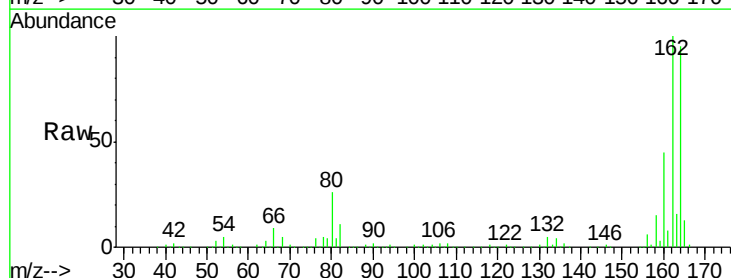
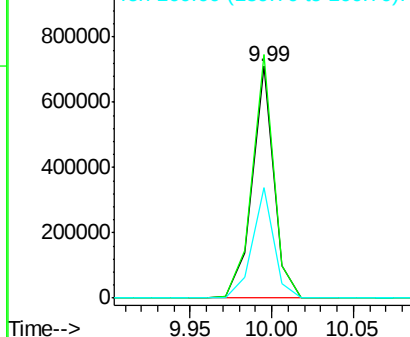
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

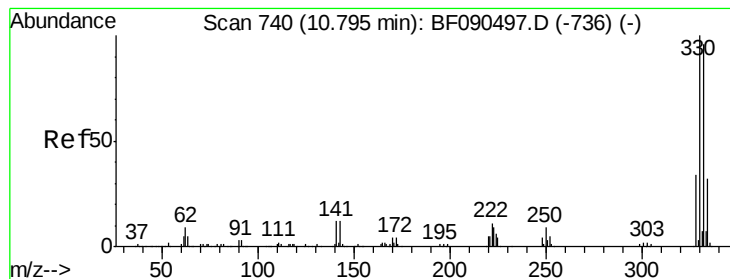


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.99 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF090506.D
 Acq: 11 Oct 2016 17:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.1	80.1	120.1
160	47.6	36.3	54.5

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





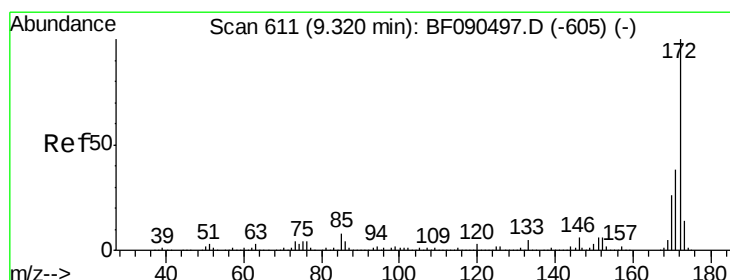
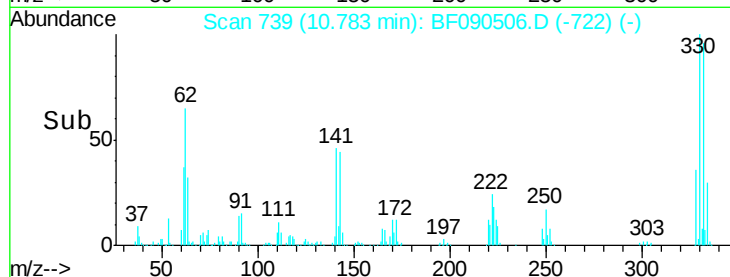
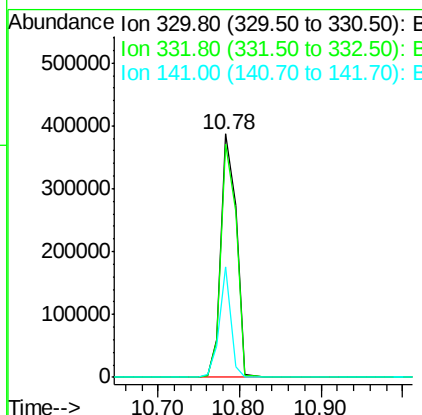
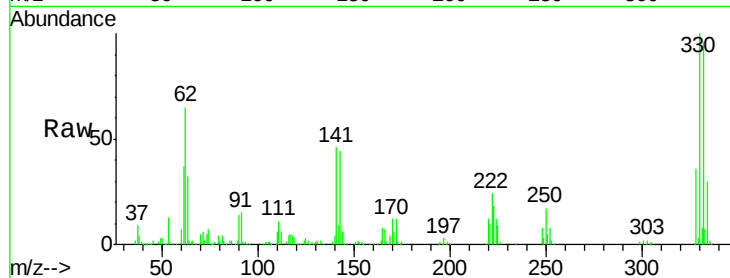
#41
 2,4,6-Tribromophenol
 Concen: 77.52 ng
 RT: 10.78 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF090506.D
 Acq: 11 Oct 2016 17:14

Instrument :
 BNA_F
 ClientSampleId :
 PB93839BL

Tot Ion	Ratio	Resp	Lower	Upper
330	100	501574		
332	95.9	75.4	113.0	
141	34.2	26.9	40.3	

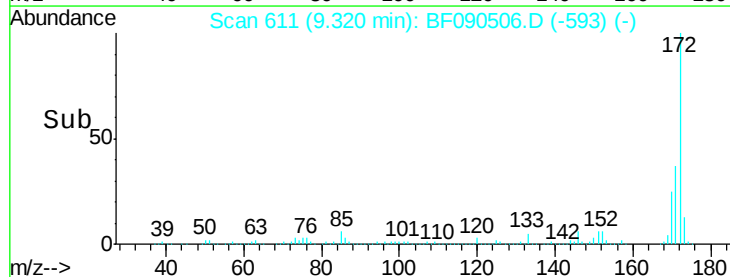
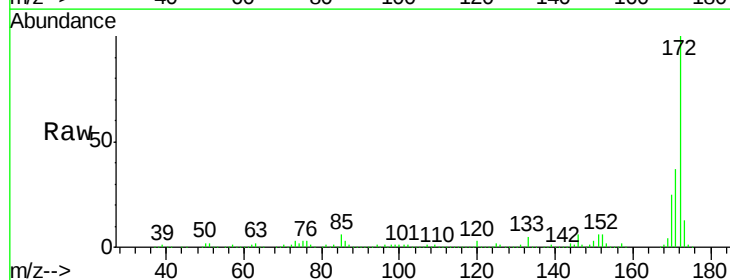
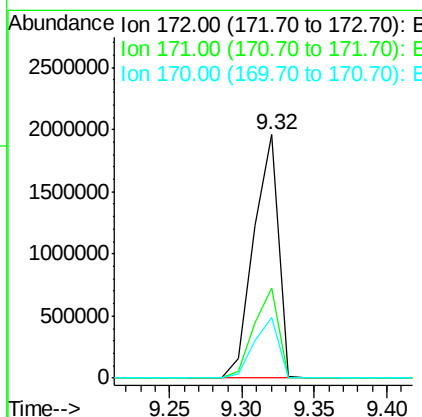
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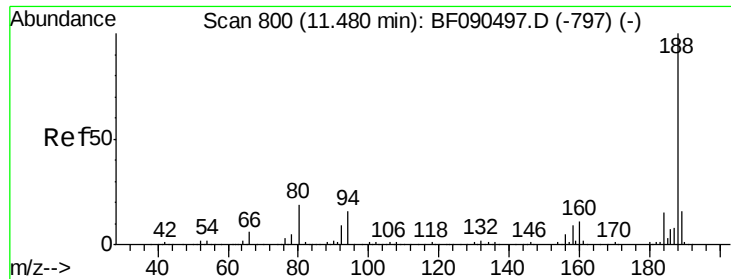
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#44
 2-Fluorobiphenyl
 Concen: 59.45 ng
 RT: 9.32 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF090506.D
 Acq: 11 Oct 2016 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2309125		
171	36.9	31.8	47.8	
170	25.0	21.7	32.5	





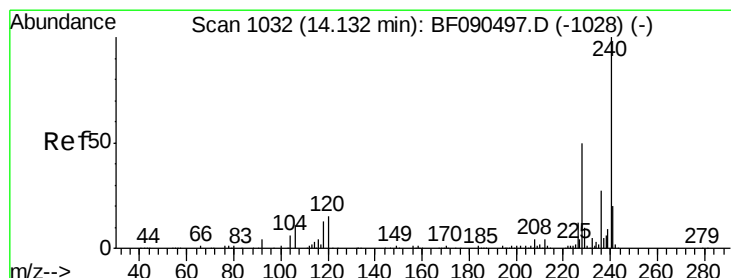
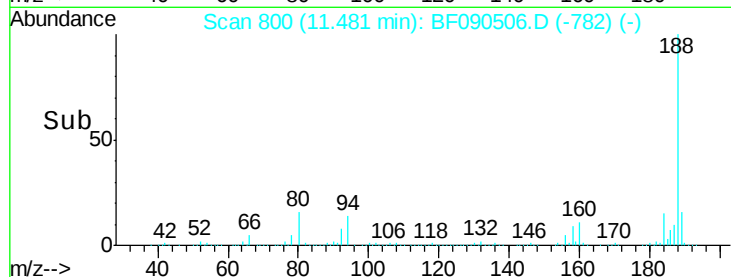
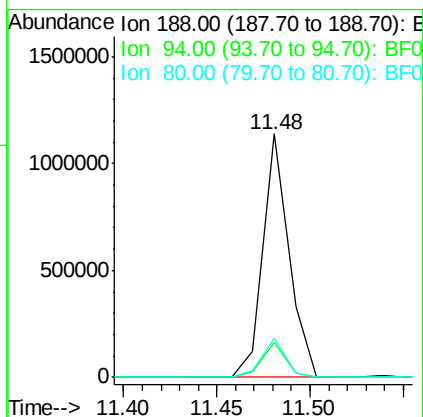
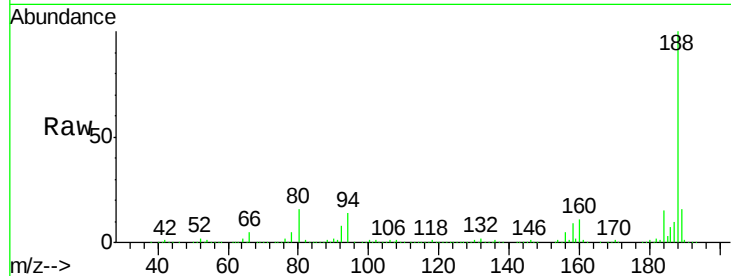
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF090506.D
Acq: 11 Oct 2016 17:14

Instrument :
BNA_F
ClientSampleId :
PB93839BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	14.3	8.2	12.2#
80	16.0	8.8	13.2#

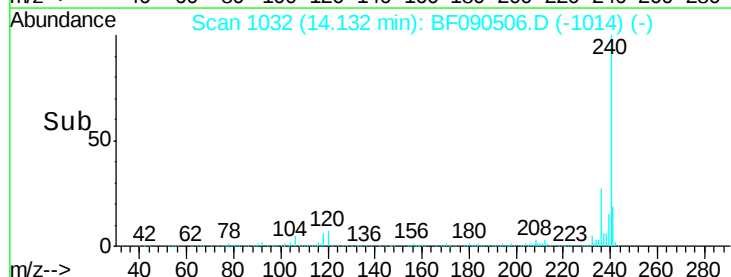
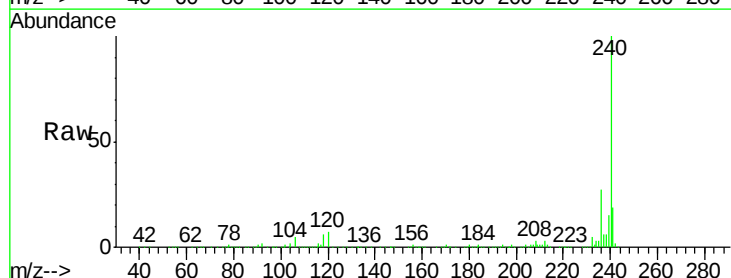
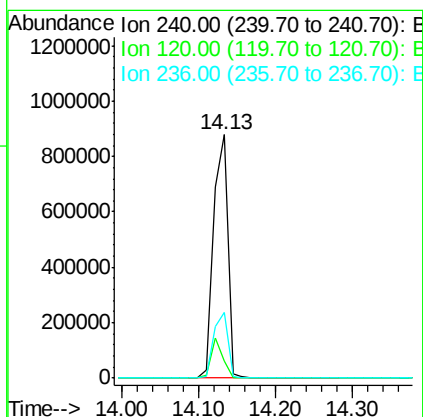
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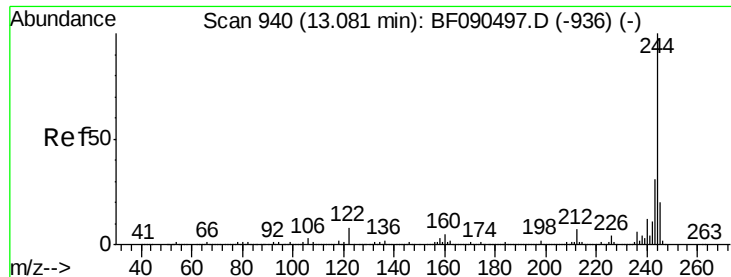
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF090506.D
Acq: 11 Oct 2016 17:14

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.0	8.6	13.0#
236	27.2	21.6	32.4





#78

Terphenyl-d14

Concen: 59.42 ng

RT: 13.08 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF090506.D

Acq: 11 Oct 2016 17:14

Instrument :

BNA_F

ClientSampleId :

PB93839BL

Tot Ion:244 Resp: 2715496

Ion Ratio Lower Upper

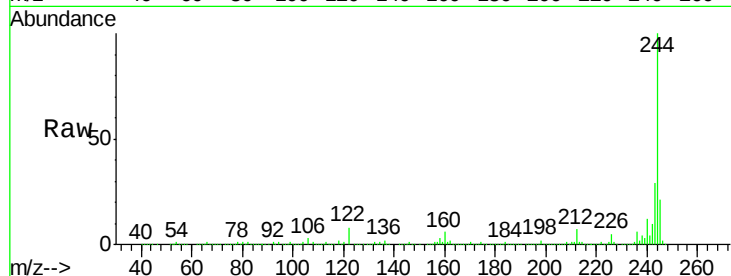
244 100

212 6.8 6.8 10.2

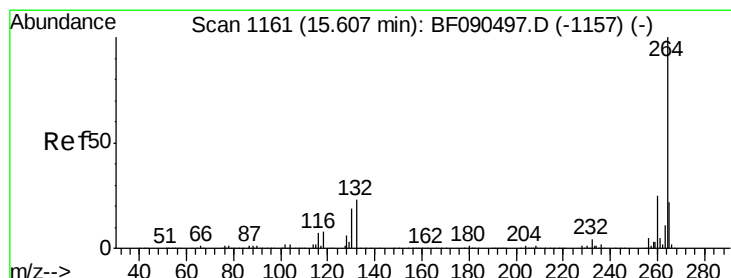
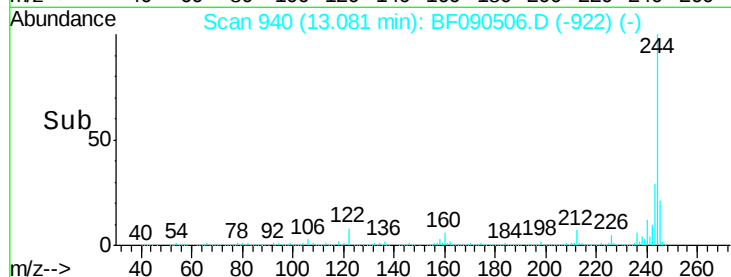
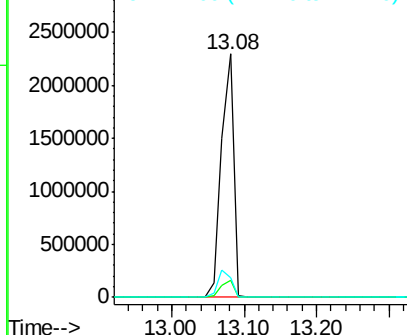
122 8.0 13.3 19.9#

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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: BF090506.D

Acq: 11 Oct 2016 17:14

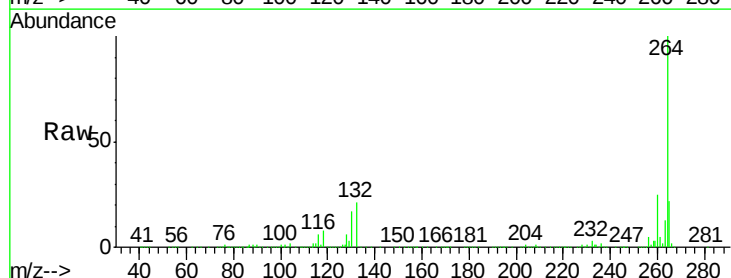
Tgt Ion:264 Resp: 915279

Ion Ratio Lower Upper

264 100

260 25.1 19.3 28.9

265 22.0 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

