

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062816\
 Data File : BF088495.D
 Acq On : 28 Jun 2016 23:02
 Operator : UM/SJ
 Sample : H3766-03 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 4A

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Quant Time: Jun 29 15:25:15 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 28 05:25:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	86903	20.00	ng	-0.03
21) Naphthalene-d8	7.80	136	352405	20.00	ng	-0.03
38) Acenaphthene-d10	9.55	164	141239	20.00	ng	-0.03
63) Phenanthrene-d10	11.03	188	213996	20.00	ng	-0.03
75) Chrysene-d12	13.67	240	155808	20.00	ng	-0.02
86) Perylene-d12	15.03	264	147581	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	27149m	5.34	ng	0.00
7) Phenol-d6	6.22	99	39297m	6.38	ng	-0.01
23) Nitrobenzene-d5	7.11	82	21704	3.60	ng	-0.02
41) 2,4,6-Tribromophenol	10.35	330	6253	4.19	ng	-0.02
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
78) Terphenyl-d14	12.62	244	25583	3.74	ng	-0.02
Target Compounds						
77) Pyrene	12.47	202	40530	3.51	ng	Qvalue 96

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

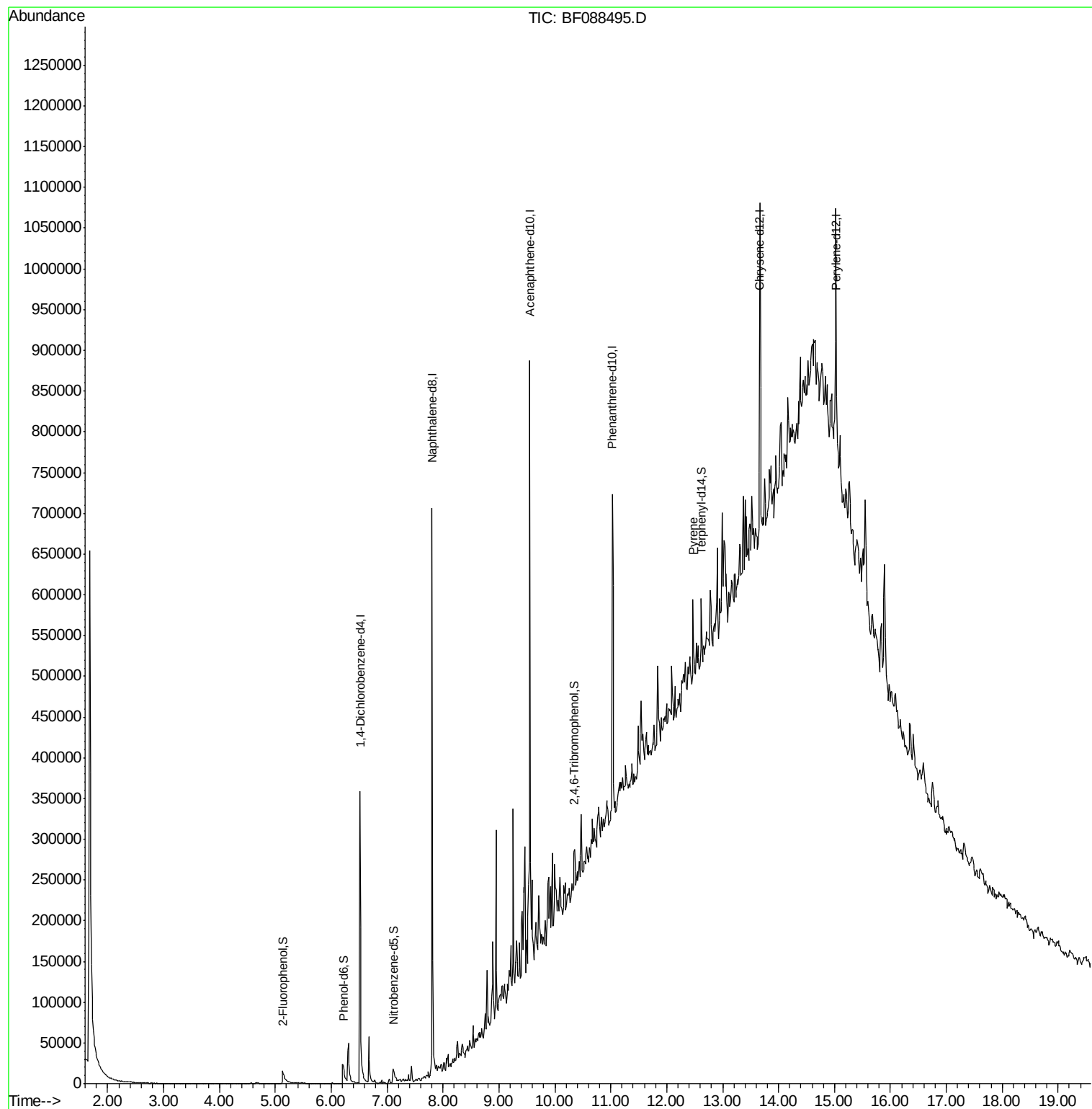
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062816\
Data File : BF088495.D
Acq On : 28 Jun 2016 23:02
Operator : UM/SJ
Sample : H3766-03 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

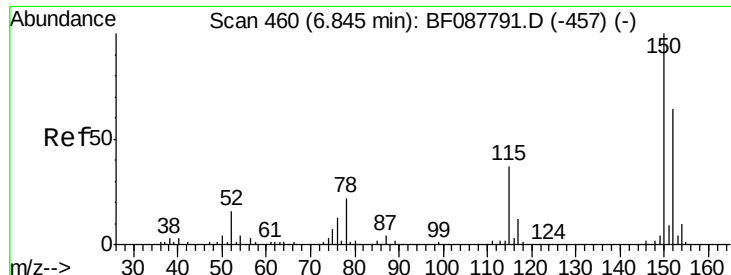
Instrument :
BNA_F
ClientSampled :
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#1

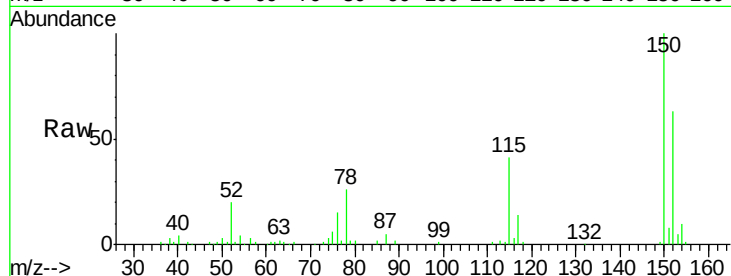
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.51 min Scan# 431
Delta R.T. -0.03 min
Lab File: BF088495.D
Acq: 28 Jun 2016 23:02

Instrument :
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ClientSampled :
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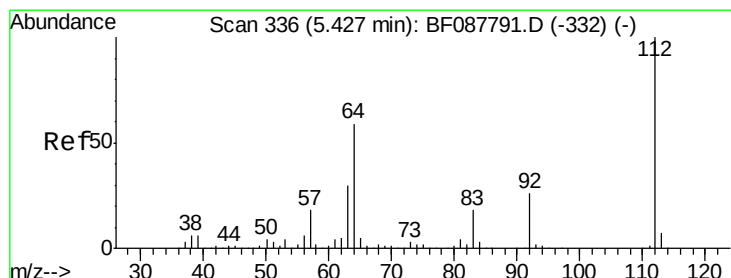
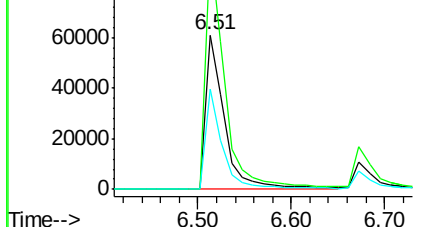
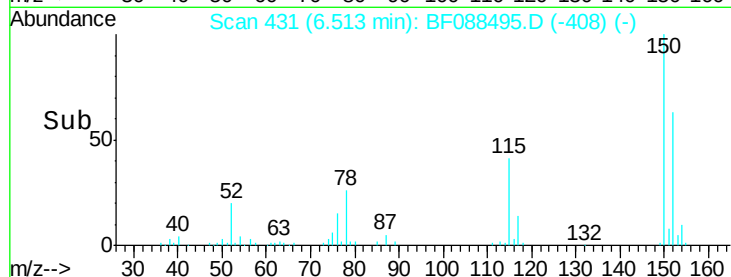
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	123.8	185.6
115	65.1	39.6	59.4

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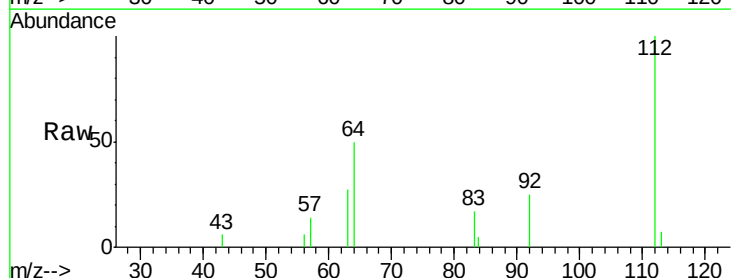
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



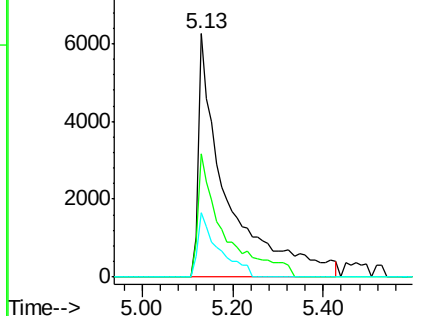
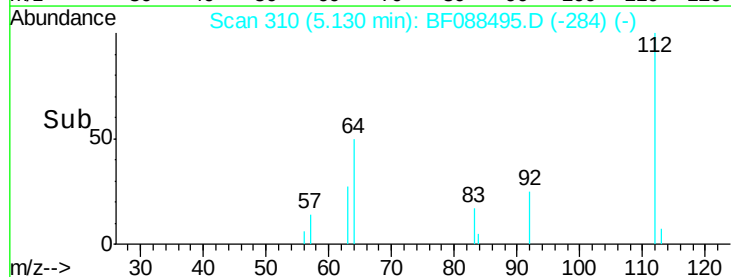
#5

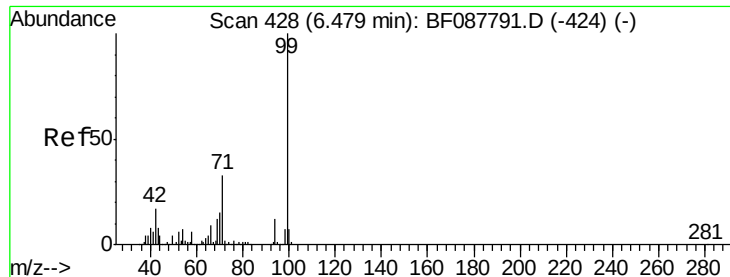
2-Fluorophenol
Concen: 5.34 ng m
RT: 5.13 min Scan# 310
Delta R.T. -0.00 min
Lab File: BF088495.D
Acq: 28 Jun 2016 23:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.4	42.2	63.2
63	26.7	21.8	32.8



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: 6.38 ng/ml

RT: 6.22 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF088495.D

Acq: 28 Jun 2016 23:02

Instrument :

BNA_F

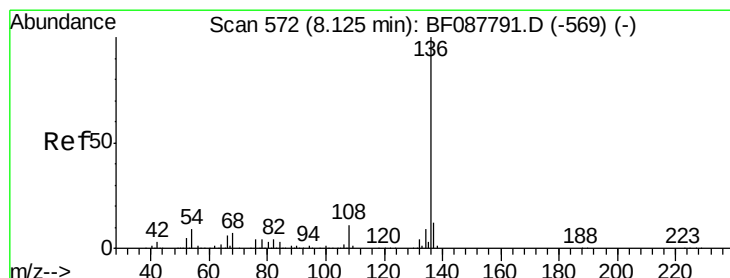
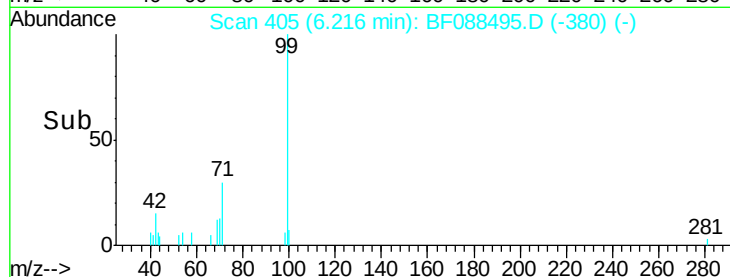
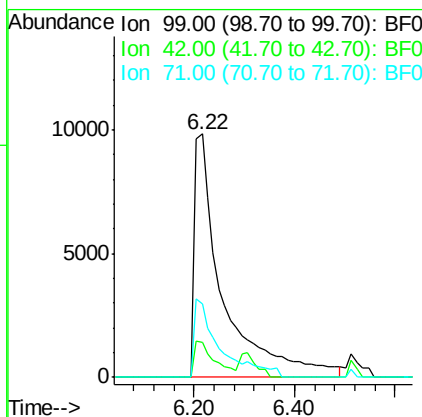
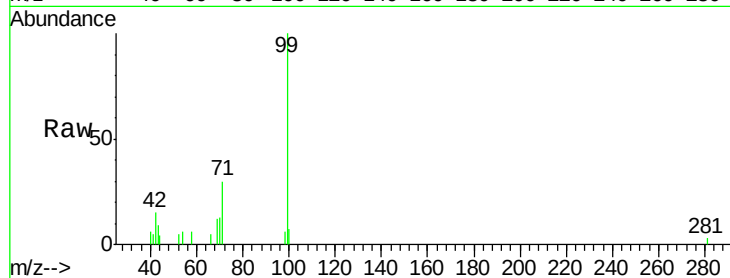
ClientSampled :

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Tot Ion:	99	Resp:	39297
Ion Ratio	Lower	Upper	
99	100		
42	14.5	12.2	18.2
71	30.0	23.4	35.0

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#21

Naphthalene-d8

Concen: 20.00 ng

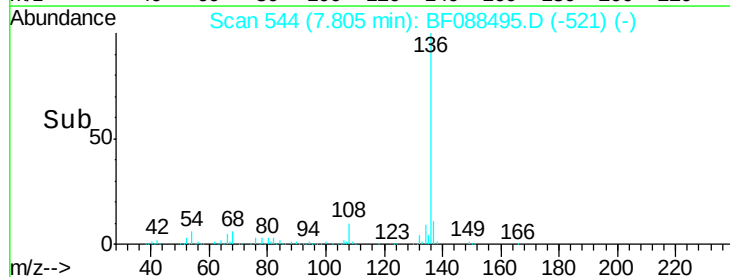
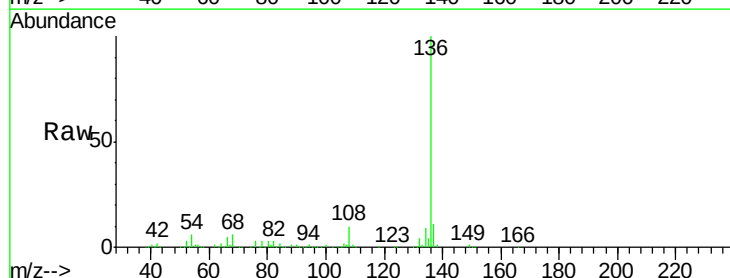
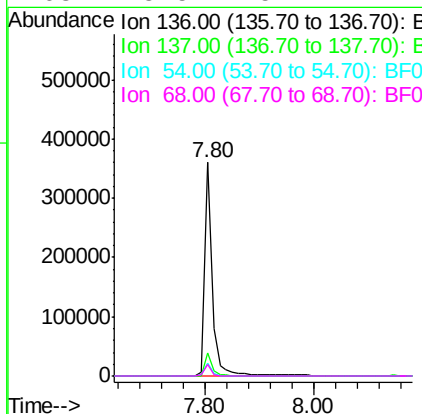
RT: 7.80 min Scan# 544

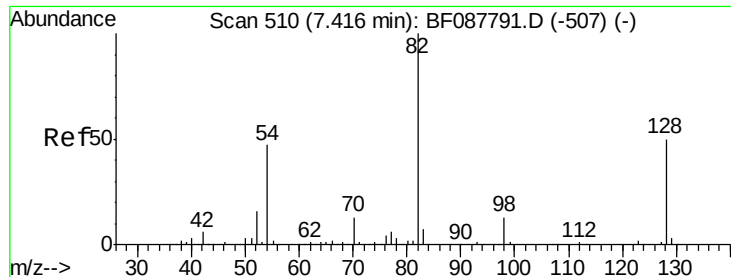
Delta R.T. -0.03 min

Lab File: BF088495.D

Acq: 28 Jun 2016 23:02

Tgt Ion:	136	Resp:	352405
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.1	13.7
54	6.2	6.6	10.0#
68	5.5	5.1	7.7





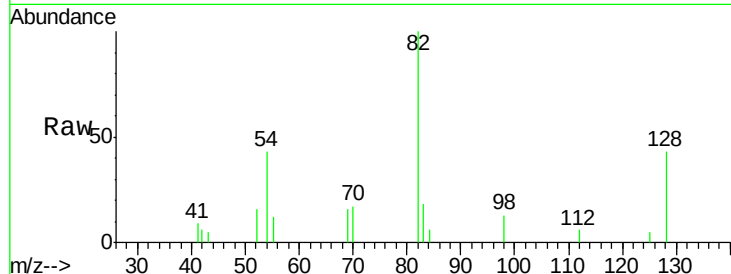
#23
Nitrobenzene-d5
Concen: 3.60 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.02 min
Lab File: BF088495.D
Acq: 28 Jun 2016 23:02

Instrument :
BNA_F
ClientSampled :
4A

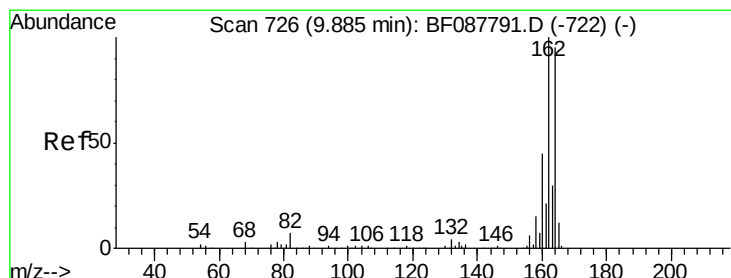
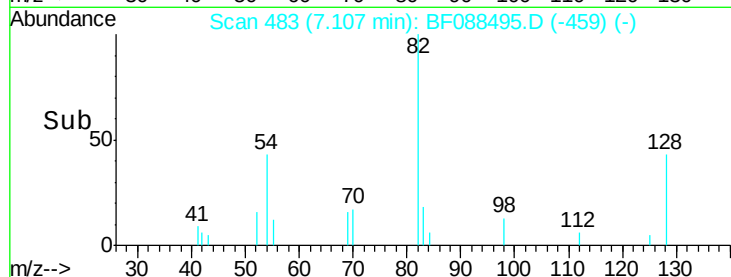
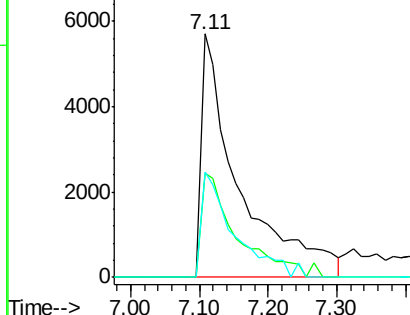
Tot Ion	82	Resp	21704
Ion Ratio	100	Lower	Upper
128	43.0	35.9	53.9
54	43.0	40.9	61.3

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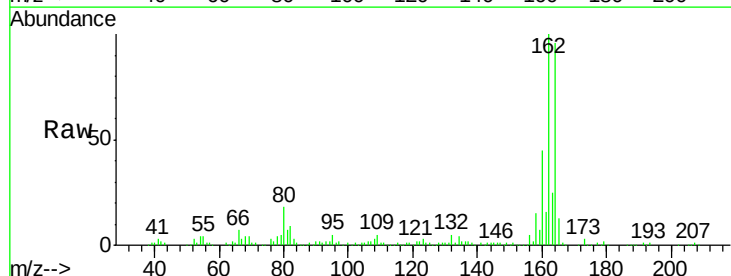


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

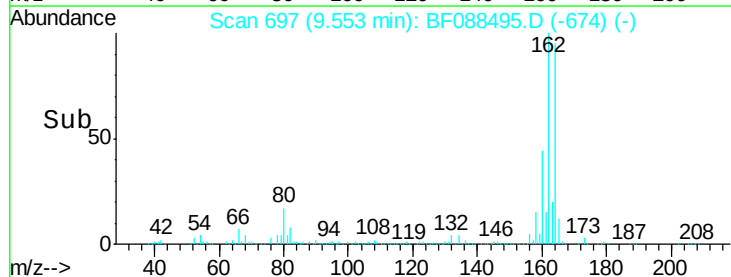
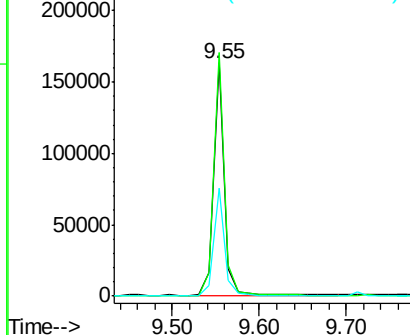


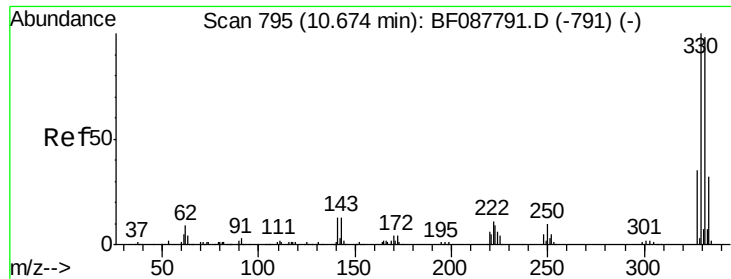
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.03 min
Lab File: BF088495.D
Acq: 28 Jun 2016 23:02

Tgt Ion	164	Resp	141239
Ion Ratio	100	Lower	Upper
162	104.5	85.4	128.2
160	46.6	39.5	59.3



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





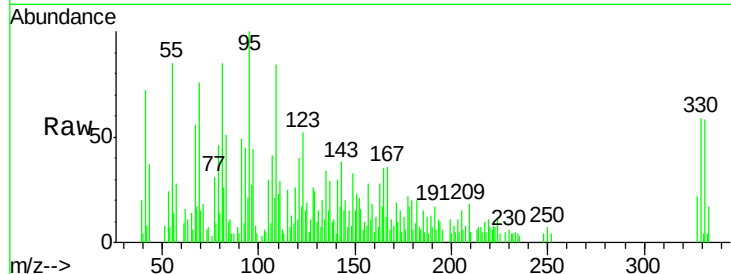
#41
 2,4,6-Tribromophenol
 Concen: 4.19 ng
 RT: 10.35 min Scan# 767
 Delta R.T. -0.02 min
 Lab File: BF088495.D
 Acq: 28 Jun 2016 23:02

Instrument :
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 ClientSampled :
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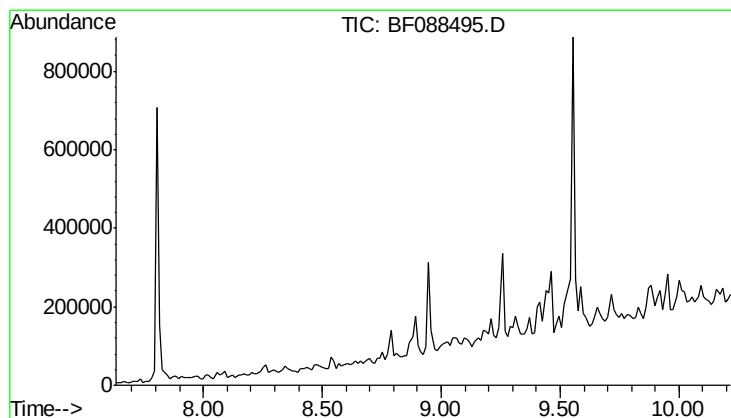
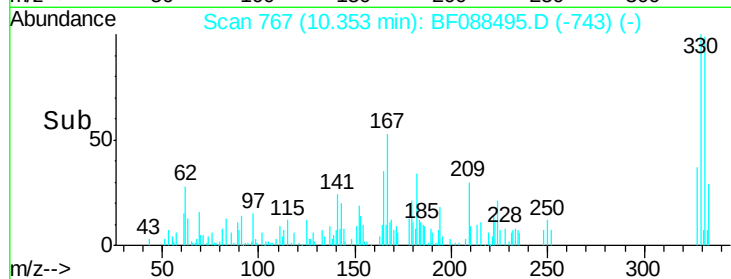
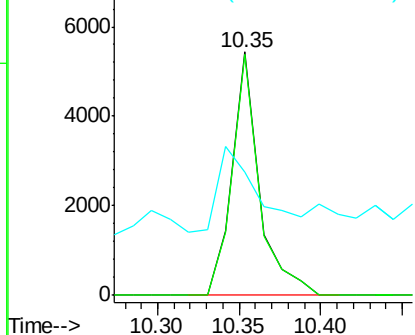
Tot Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	98.9	0.0	0.0#
141	52.3	0.0	0.0#

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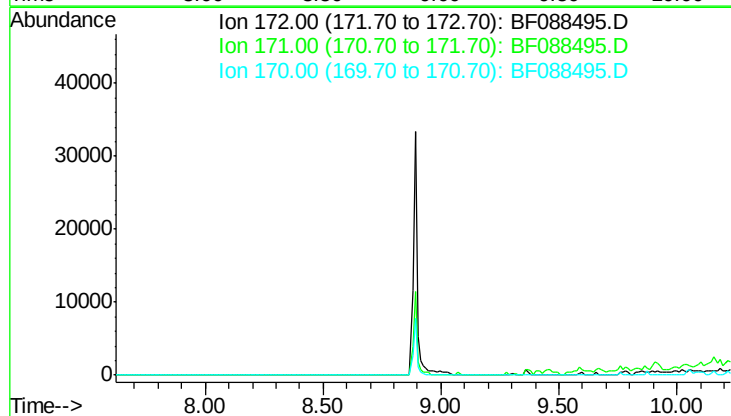
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

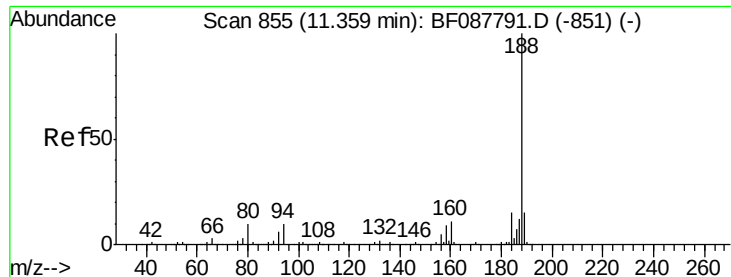


#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 Expected RT: 8.92 min

Lab File: BF088495.D
 Acq: 28 Jun 2016 23:02

Tgt Ion	Exp Ratio
172	100
171	35.8
170	24.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.03 min Scan# 826

Delta R.T. -0.03 min

Lab File: BF088495.D

Acq: 28 Jun 2016 23:02

Instrument :

BNA_F

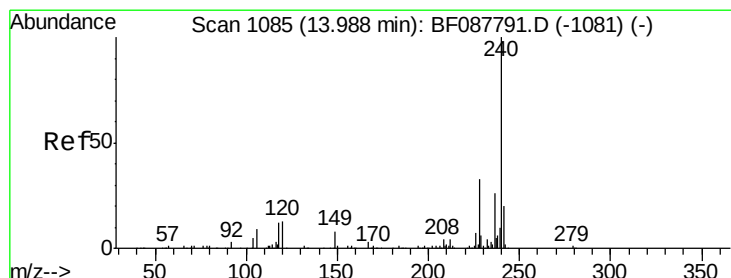
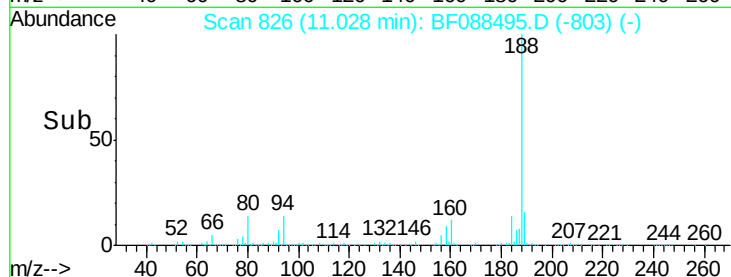
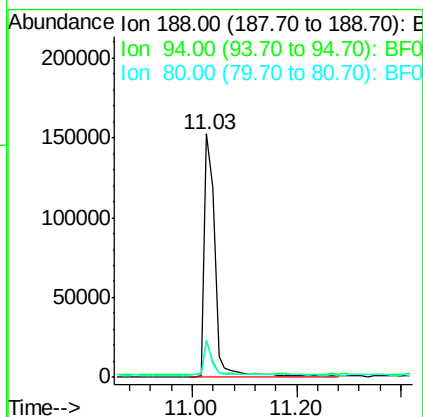
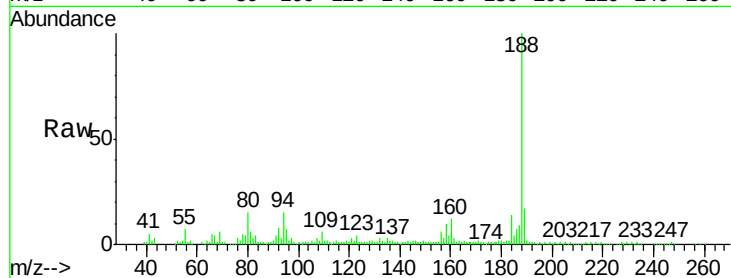
ClientSampleId :

4A

Tot Ion:	188	Resp:	213996
Ion Ratio	Lower	Upper	
188	100		
94	14.9	9.0	13.6#
80	15.3	10.0	15.0#

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#75

Chrysene-d12

Concen: 20.00 ng

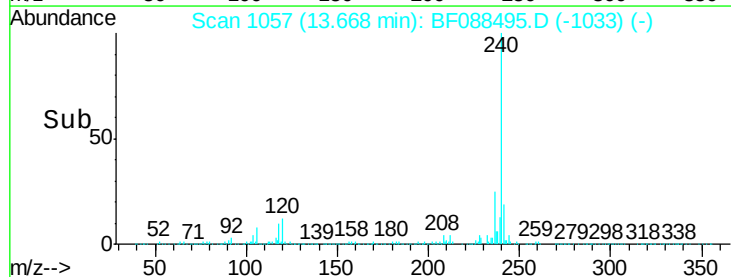
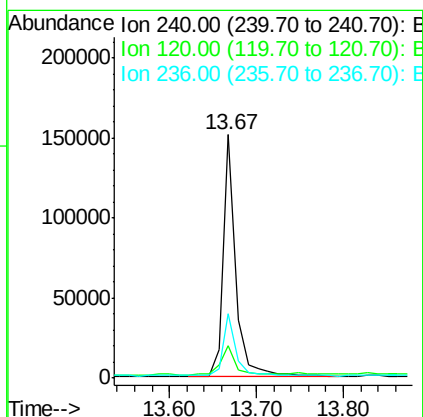
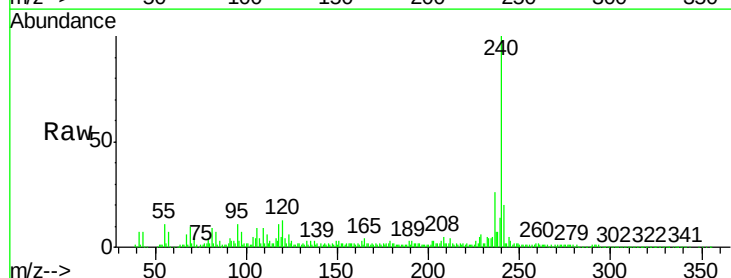
RT: 13.67 min Scan# 1057

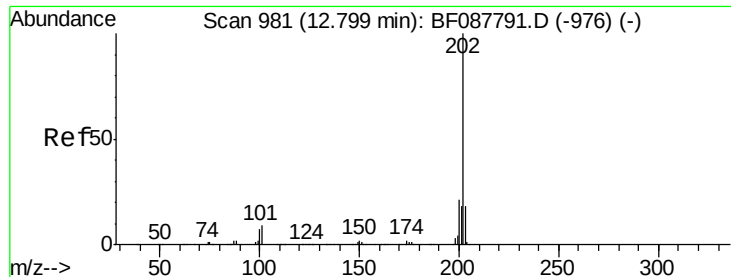
Delta R.T. -0.02 min

Lab File: BF088495.D

Acq: 28 Jun 2016 23:02

Tgt Ion:	240	Resp:	155808
Ion Ratio	Lower	Upper	
240	100		
120	13.5	6.8	10.2#
236	26.2	20.2	30.2





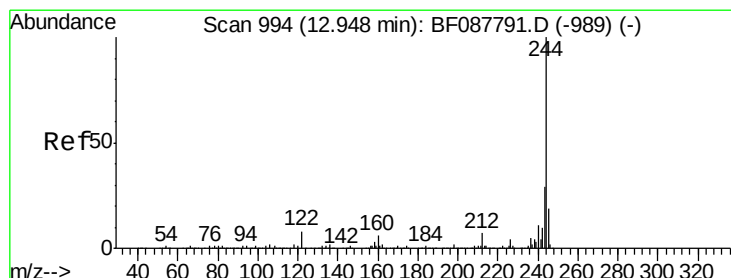
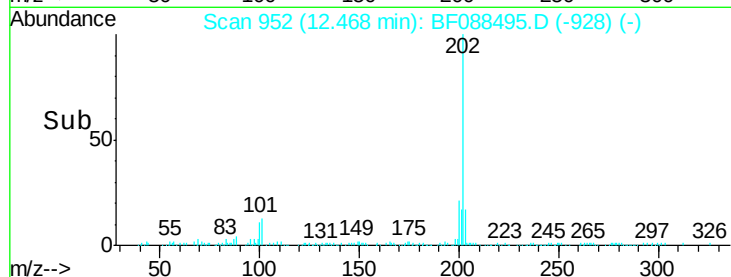
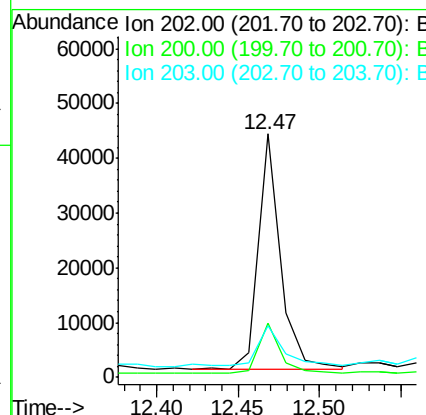
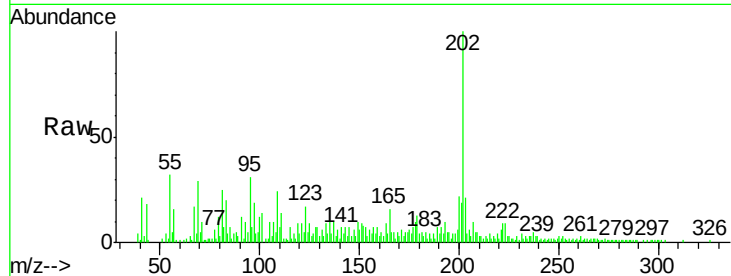
#77
Pvrene
Concen: 3.51 ng
RT: 12.47 min Scan# 952
Delta R.T. -0.02 min
Lab File: BF088495.D
Acq: 28 Jun 2016 23:02

Instrument :
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ClientSampled :
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Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.1	17.4	26.2
203	21.3	14.5	21.7

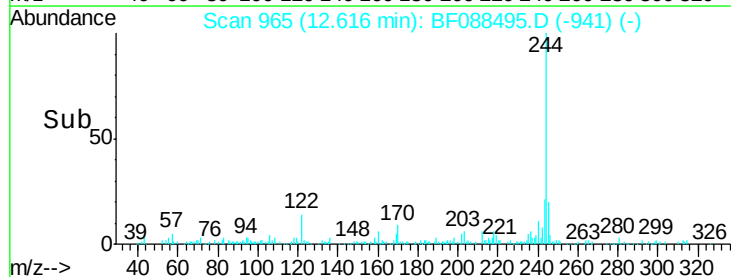
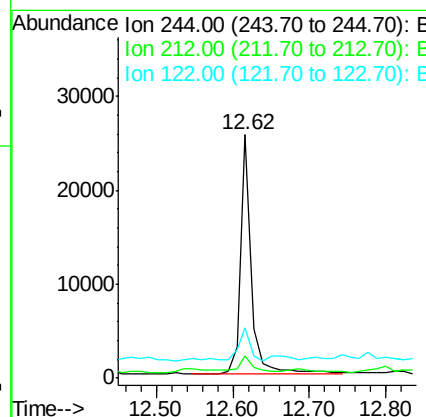
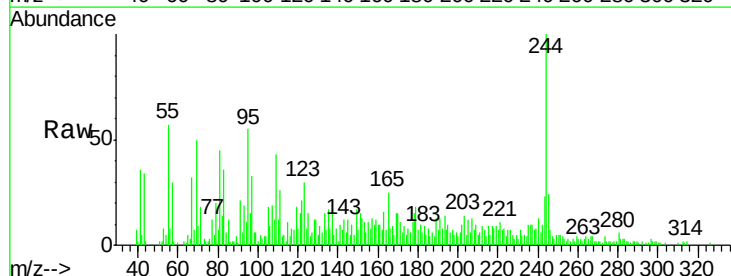
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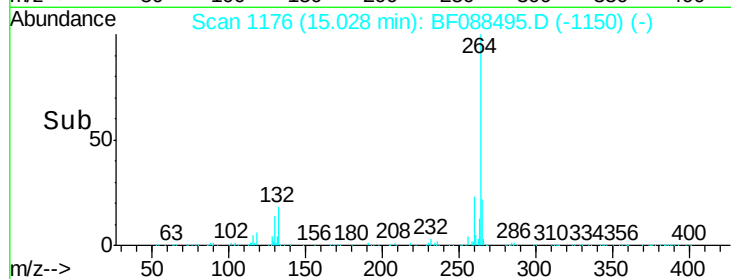
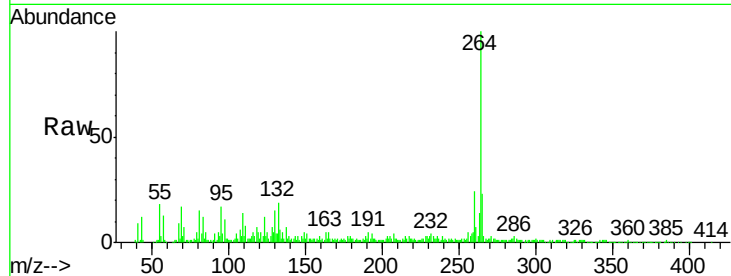
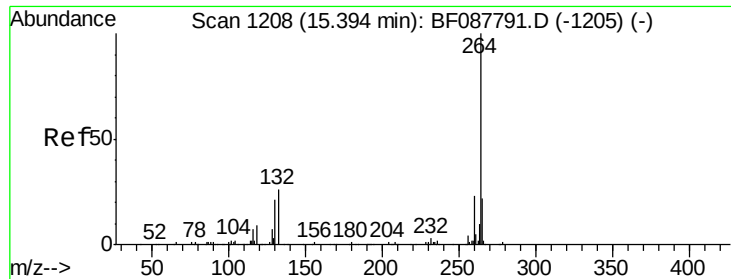
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#78
Terphenyl-d14
Concen: 3.74 ng
RT: 12.62 min Scan# 965
Delta R.T. -0.02 min
Lab File: BF088495.D
Acq: 28 Jun 2016 23:02

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	9.1	6.0	9.0#
122	20.6	11.2	16.8#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.03 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BF088495.D
Acq: 28 Jun 2016 23:02

Instrument :
BNA_F
ClientSampleId :
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Tot Ion:	264	Resp:	147581
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.2	28.8
265	22.6	16.9	25.3

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