

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062816\
 Data File : BF088496.D
 Acq On : 28 Jun 2016 23:31
 Operator : UM/SJ
 Sample : H3766-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1

Manual Integrations
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Quant Time: Jun 29 12:47:06 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	6.52	152	76686	20.00	ng	-0.02
21) Naphthalene-d8	7.80	136	312675	20.00	ng	-0.03
38) Acenaphthene-d10	9.55	164	124308	20.00	ng	-0.03
63) Phenanthrene-d10	11.04	188	205608	20.00	ng	-0.02
75) Chrysene-d12	13.68	240	141706	20.00	ng	-0.01
86) Perylene-d12	15.03	264	131353	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	598672	133.46	ng	-0.02
7) Phenol-d6	6.19	99	743897	136.84	ng	-0.03
23) Nitrobenzene-d5	7.10	82	403569	75.37	ng	-0.03
41) 2,4,6-Tribromophenol	10.35	330	127340	97.02	ng	-0.02
44) 2-Fluorobiphenyl	8.89	172	724257	91.98	ng	-0.03
78) Terphenyl-d14	12.63	244	464456	74.58	ng	-0.01
Target Compounds						
31) Naphthalene	7.83	128	62897	4.06	ng	# 78
37) 2-Methylnaphthalene	8.52	142	169772	16.65	ng	98
49) Dimethylphthalate	9.29	163	94299	10.47	ng	98
51) Acenaphthene	9.59	154	36104	4.52	ng	# 88
57) Fluorene	10.10	166	60400	3.70	ng	# 70
70) Phenanthrene	11.06	178	180975	16.77	ng	# 95
77) Pyrene	12.48	202	77386	7.36	ng	# 90

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

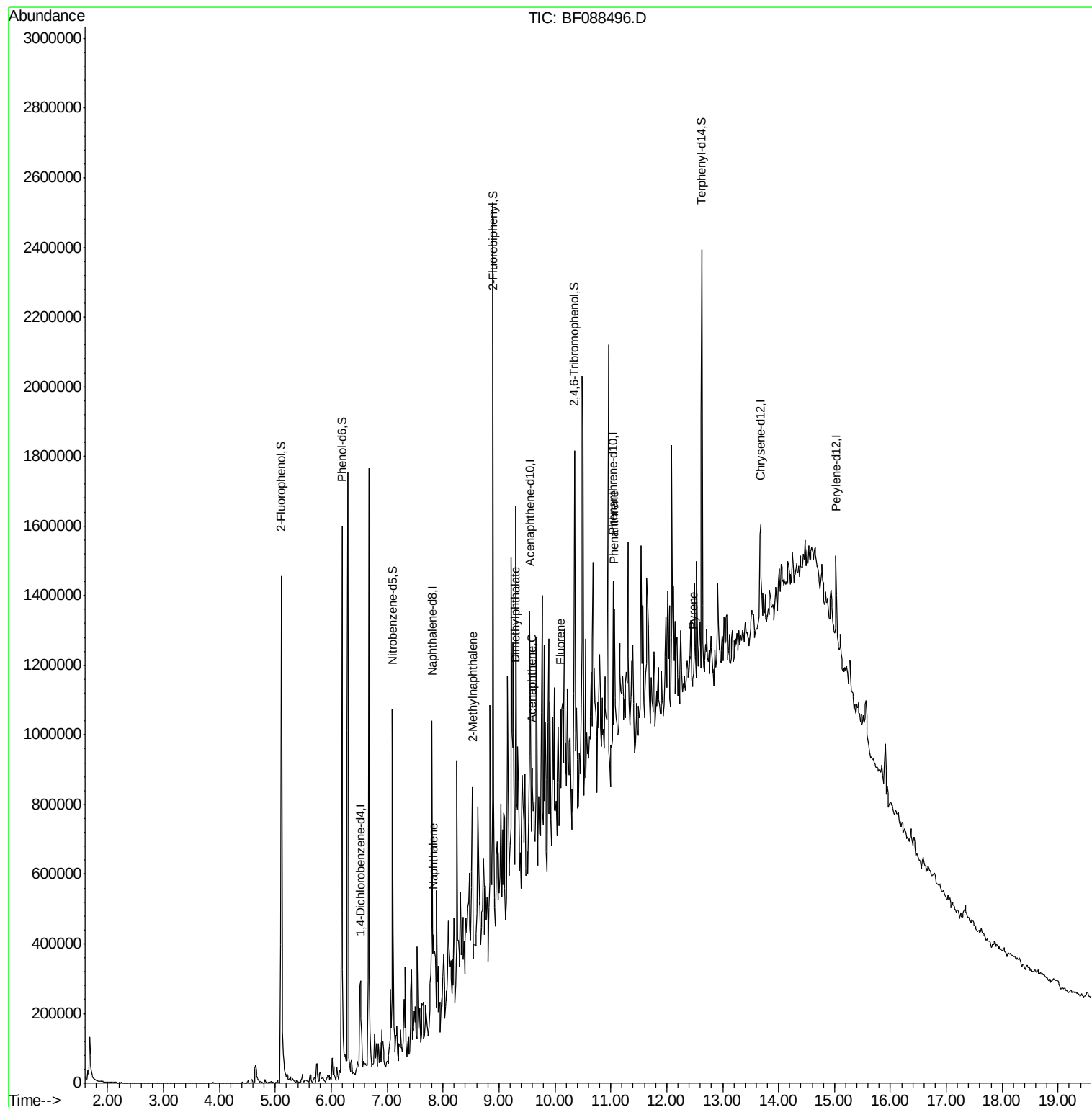
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062816\
Data File : BF088496.D
Acq On : 28 Jun 2016 23:31
Operator : UM/SJ
Sample : H3766-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

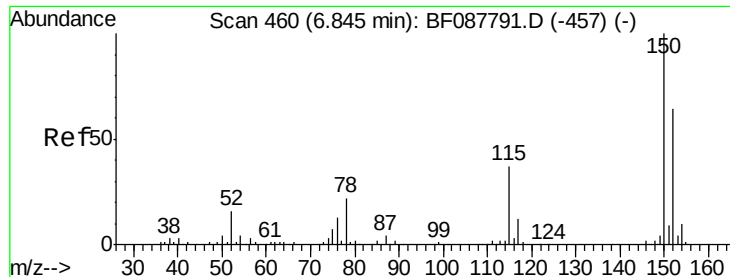
Instrument :
BNA_F
ClientSampleId :
1

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Quant Time: Jun 29 12:47:06 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





#1

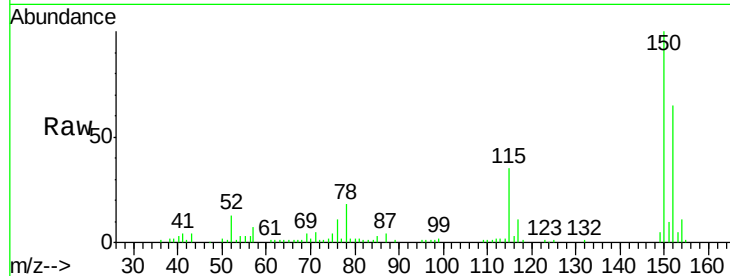
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.52 min Scan# 432
Delta R.T. -0.02 min
Lab File: BF088496.D
Acq: 28 Jun 2016 23:31

Instrument :
BNA_F
ClientSampleId :
1

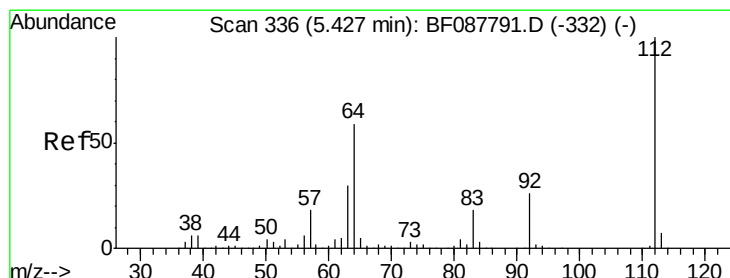
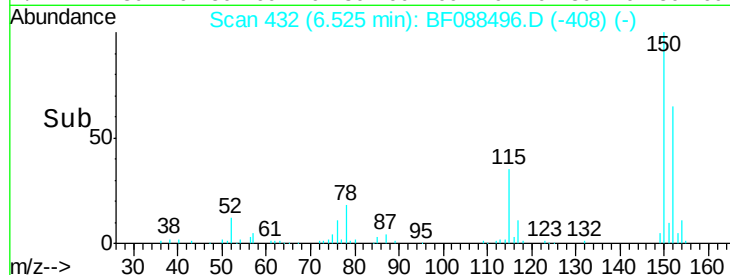
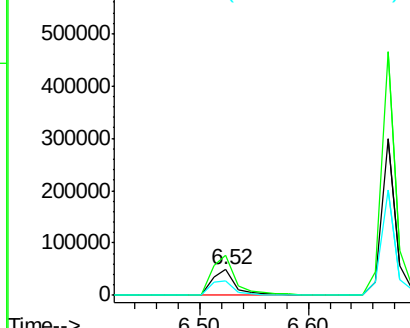
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	123.8	185.6
115	54.0	39.6	59.4

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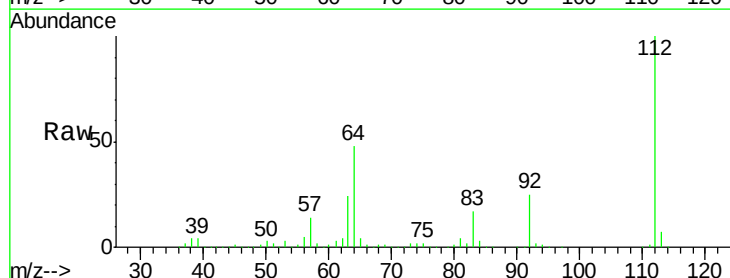
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



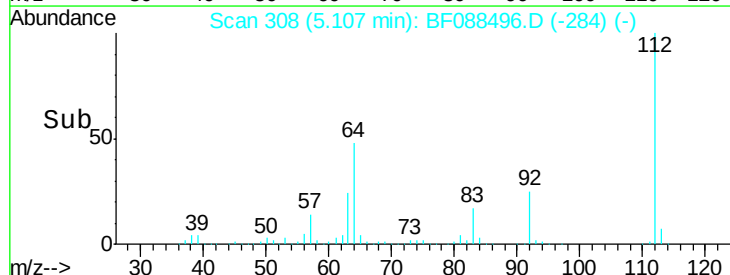
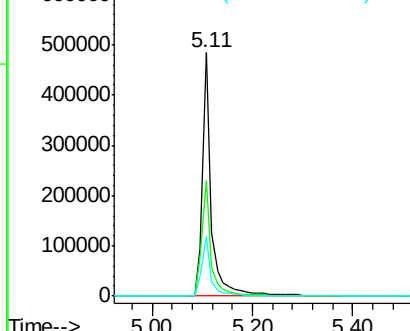
#5

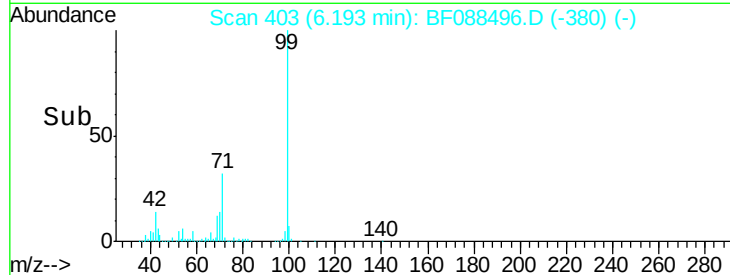
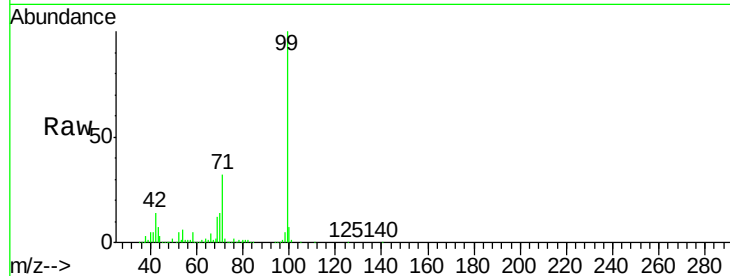
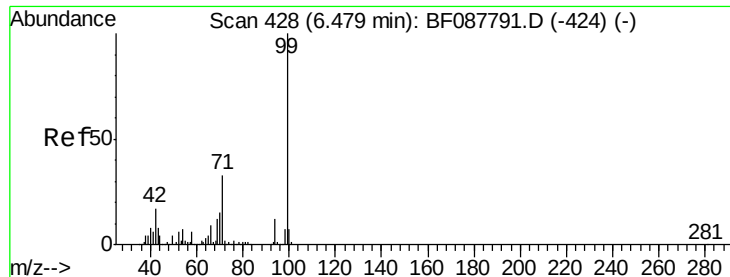
2-Fluorophenol
Concen: 133.46 ng
RT: 5.11 min Scan# 308
Delta R.T. -0.02 min
Lab File: BF088496.D
Acq: 28 Jun 2016 23:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	47.5	42.2	63.2
63	24.4	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: 136.84 ng

RT: 6.19 min Scan# 403

Delta R.T. -0.03 min

Lab File: BF088496.D

Acq: 28 Jun 2016 23:31

Tot Ion:	99	Resp:	743897
Ion Ratio	Lower	Upper	
99	100		
42	13.8	12.2	18.2
71	32.5	23.4	35.0

Instrument :

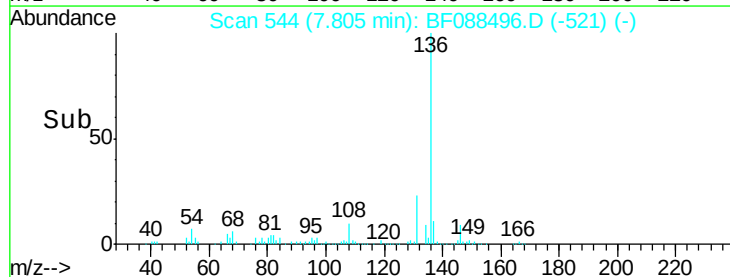
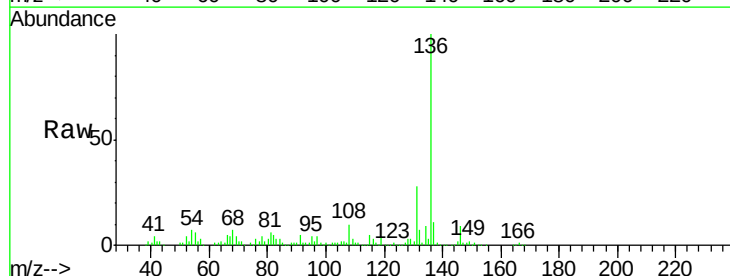
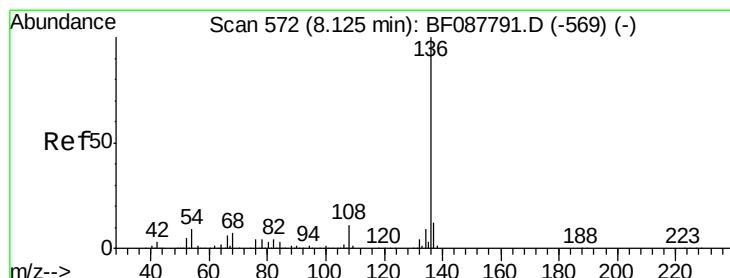
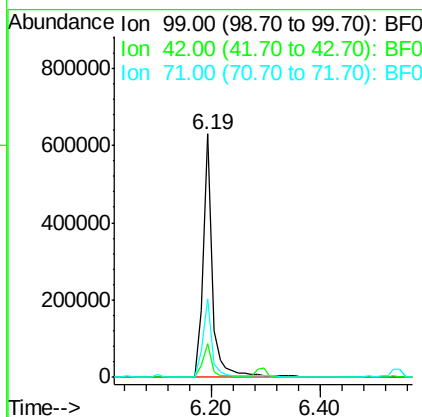
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ClientSampleId :

1

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#21

Naphthalene-d8

Concen: 20.00 ng

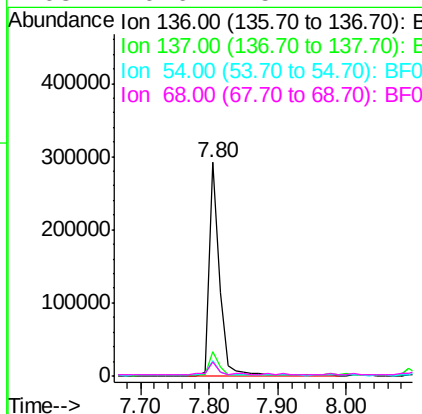
RT: 7.80 min Scan# 544

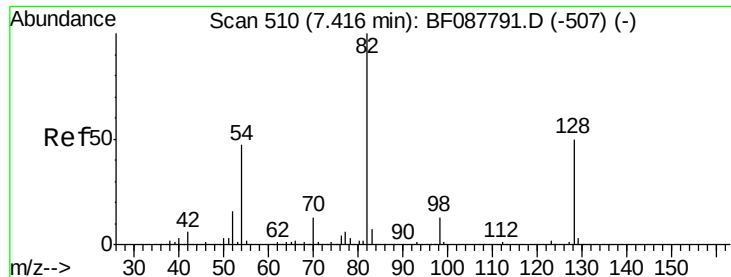
Delta R.T. -0.03 min

Lab File: BF088496.D

Acq: 28 Jun 2016 23:31

Tgt Ion:	136	Resp:	312675
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.1	13.7
54	7.2	6.6	10.0
68	6.6	5.1	7.7





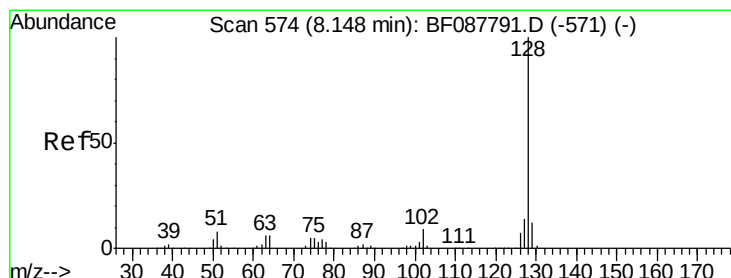
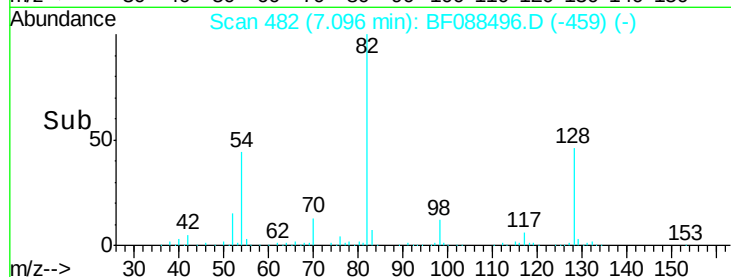
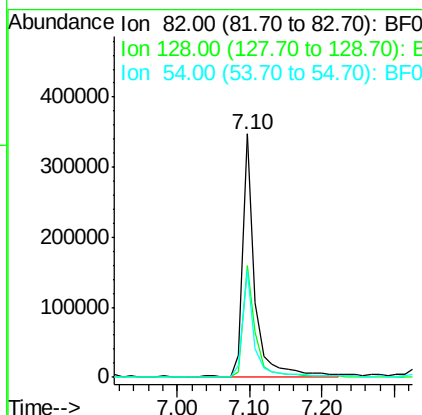
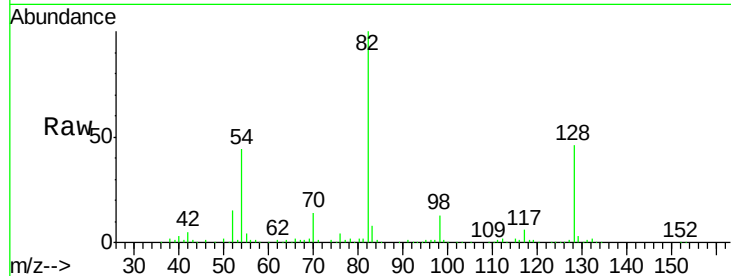
#23
 Nitrobenzene-d5
 Concen: 75.37 ng
 RT: 7.10 min Scan# 482
 Delta R.T. -0.03 min
 Lab File: BF088496.D
 Acq: 28 Jun 2016 23:31

Instrument :
 BNA_F
 ClientSampled :
 1

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.1	35.9	53.9	
54	43.9	40.9	61.3	

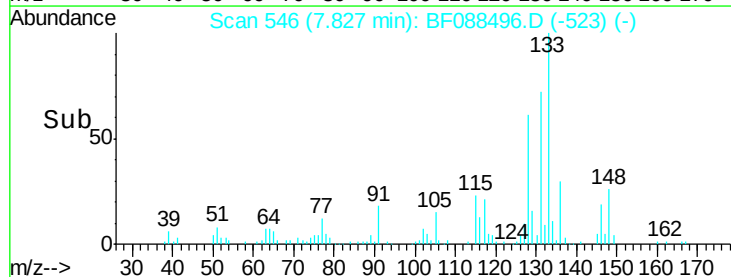
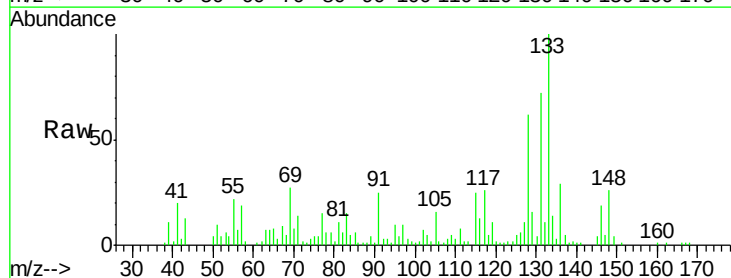
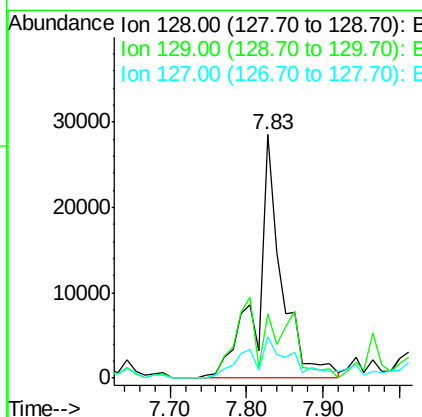
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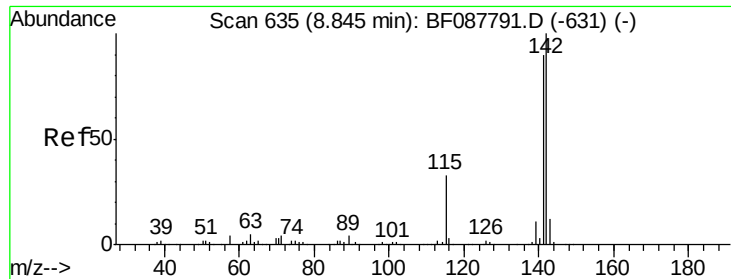
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#31
 Naphthalene
 Concen: 4.06 ng
 RT: 7.83 min Scan# 546
 Delta R.T. -0.03 min
 Lab File: BF088496.D
 Acq: 28 Jun 2016 23:31

Tgt Ion	Ratio	Resp	Lower	Upper
128	100			
129	26.3	9.4	14.2#	
127	17.2	10.9	16.3#	





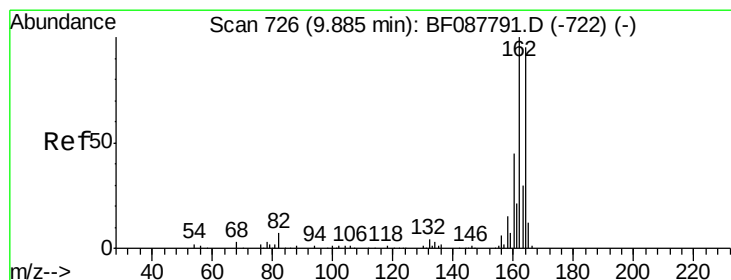
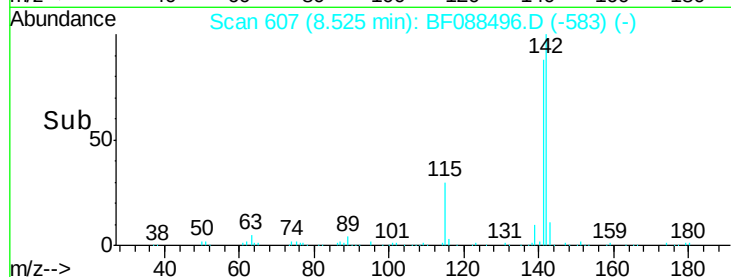
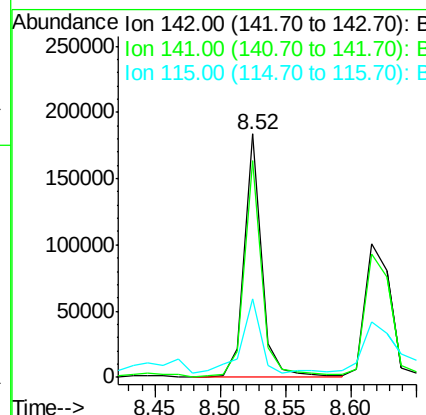
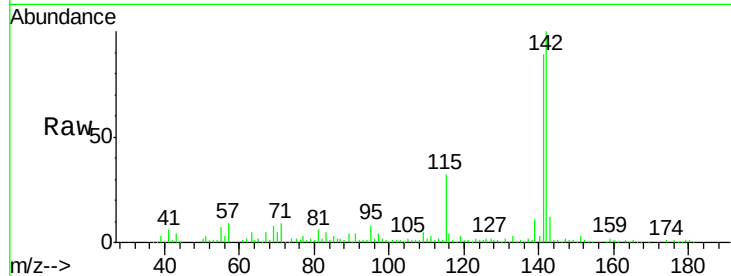
#37
2-Methylnaphthalene
Concen: 16.65 ng
RT: 8.52 min Scan# 607
Delta R.T. -0.02 min
Lab File: BF088496.D
Acq: 28 Jun 2016 23:31

Instrument :
BNA_F
ClientSampled :
1

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.0	106.6
115	32.0	22.6	33.8

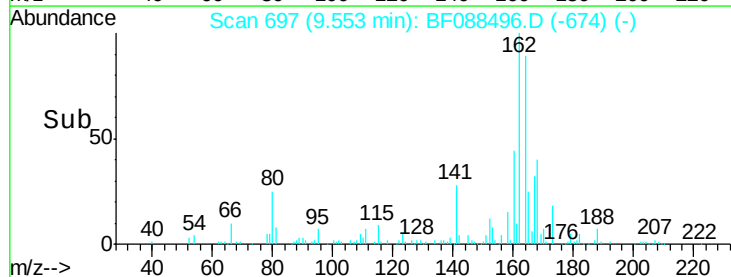
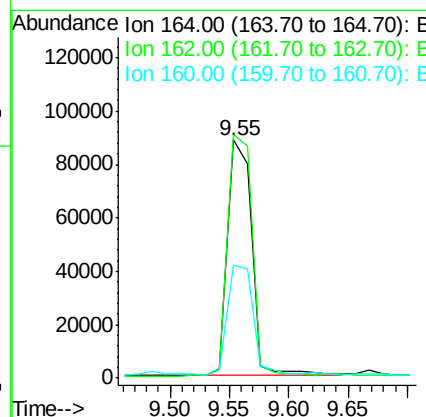
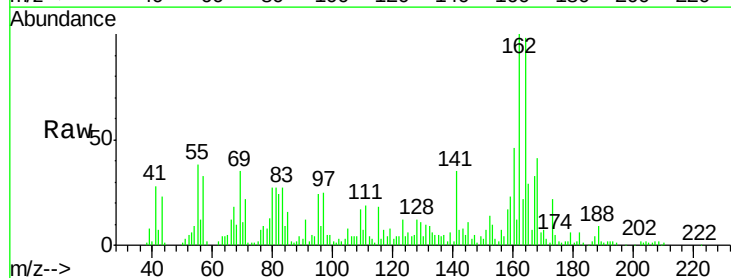
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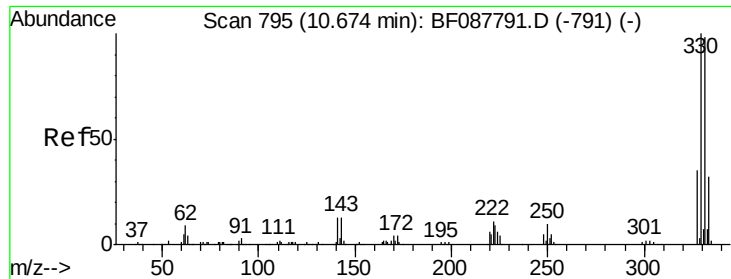
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.03 min
Lab File: BF088496.D
Acq: 28 Jun 2016 23:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	85.4	128.2
160	47.4	39.5	59.3





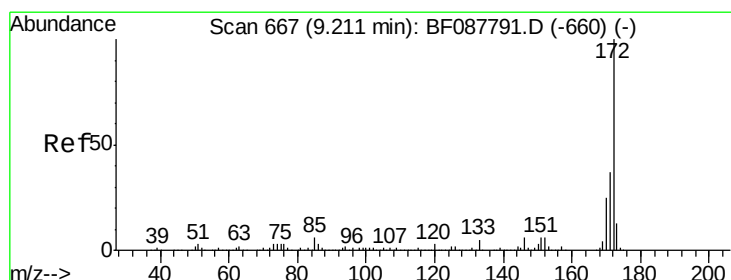
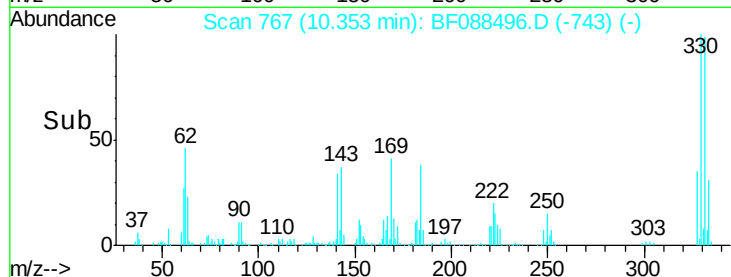
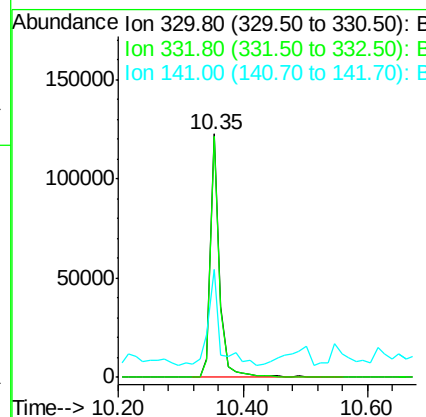
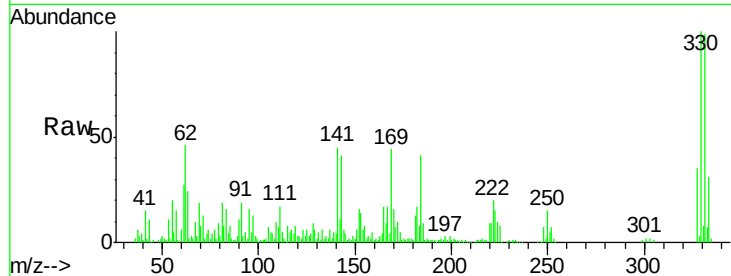
#41
 2,4,6-Tribromophenol
 Concen: 97.02 ng
 RT: 10.35 min Scan# 767
 Delta R.T. -0.02 min
 Lab File: BF088496.D
 Acq: 28 Jun 2016 23:31

Instrument :
 BNA_F
 ClientSampleId :
 1

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	97.9	0.0	0.0#
141	50.1	0.0	0.0#

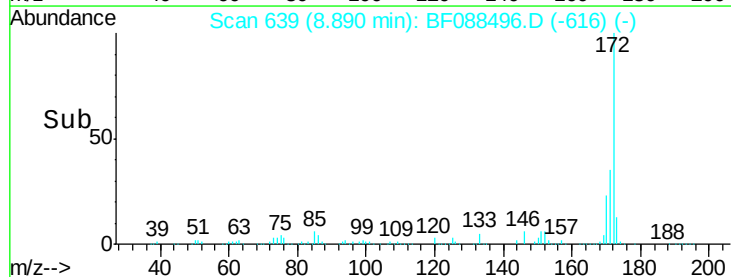
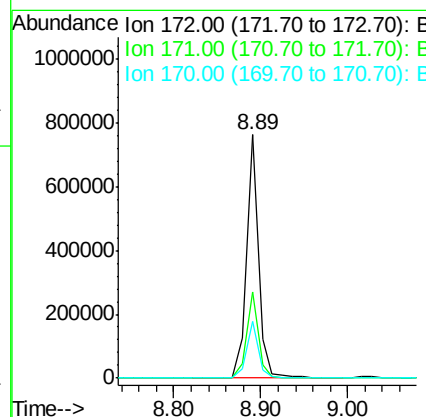
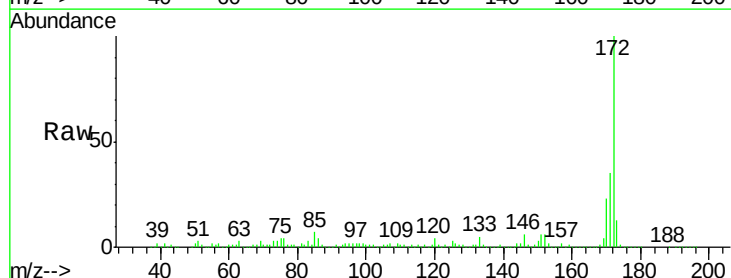
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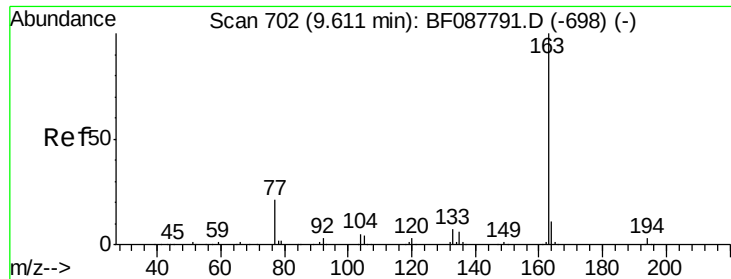
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#44
 2-Fluorobiphenyl
 Concen: 91.98 ng
 RT: 8.89 min Scan# 639
 Delta R.T. -0.03 min
 Lab File: BF088496.D
 Acq: 28 Jun 2016 23:31

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	35.4	28.6	43.0
170	23.3	19.2	28.8





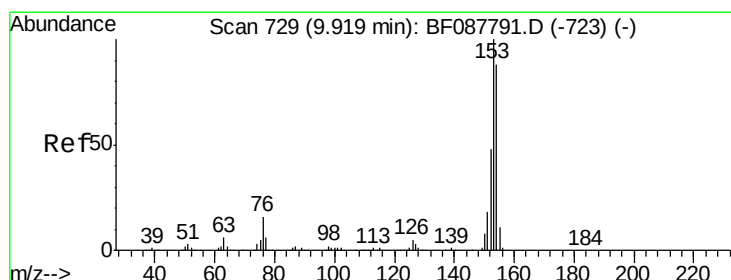
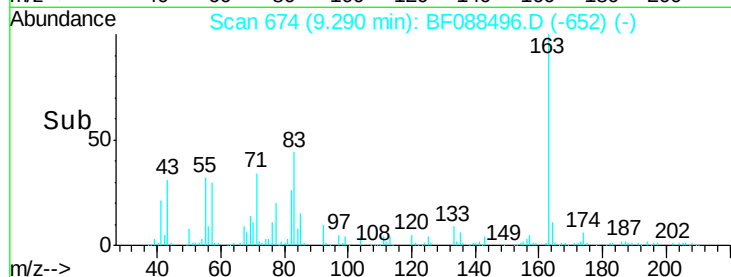
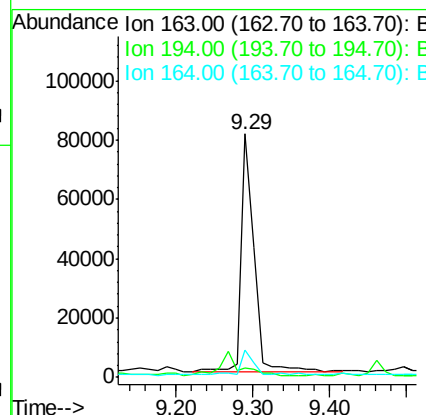
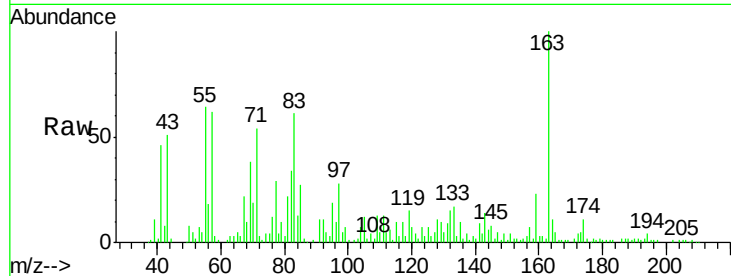
#49
Dimethylphthalate
Concen: 10.47 ng
RT: 9.29 min Scan# 674
Delta R.T. -0.05 min
Lab File: BF088496.D
Acq: 28 Jun 2016 23:31

Instrument :
BNA_F
ClientSampled :
1

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.8	4.2
164	11.2	8.3	12.5

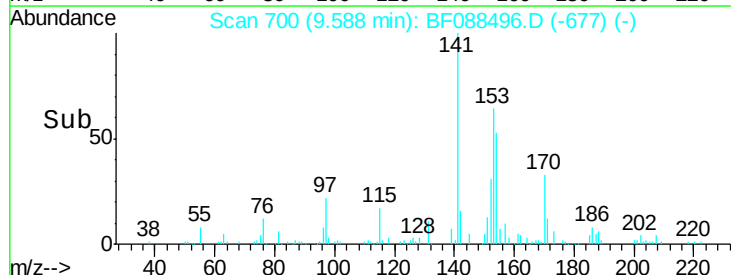
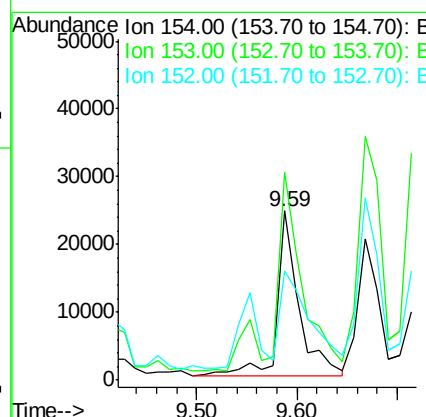
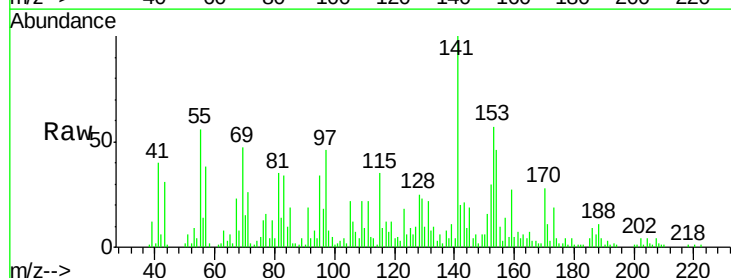
Manual Integrations
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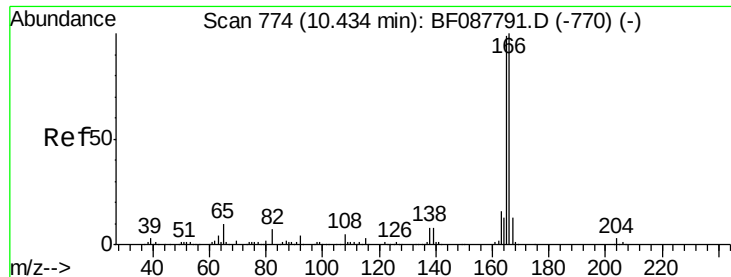
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#51
Acenaphthene
Concen: 4.52 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.03 min
Lab File: BF088496.D
Acq: 28 Jun 2016 23:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	122.7	89.5	134.3
152	64.8	42.7	64.1#





#57

Fluorene

Concen: 3.70 ng

RT: 10.10 min Scan# 745

Delta R.T. -0.03 min

Lab File: BF088496.D

Acq: 28 Jun 2016 23:31

Instrument :

BNA_F

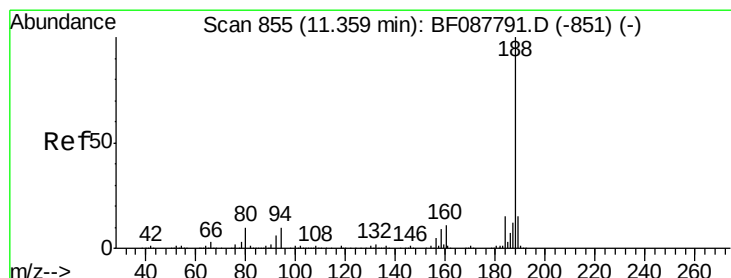
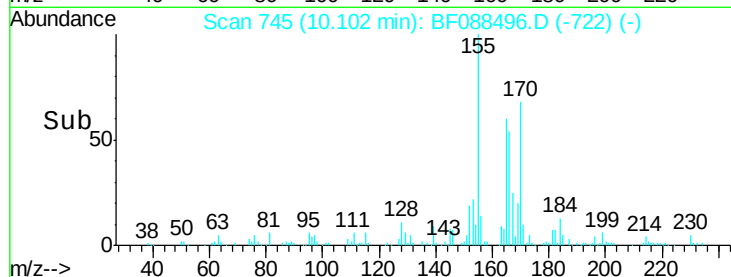
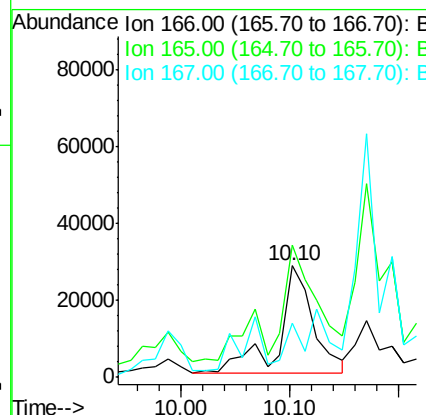
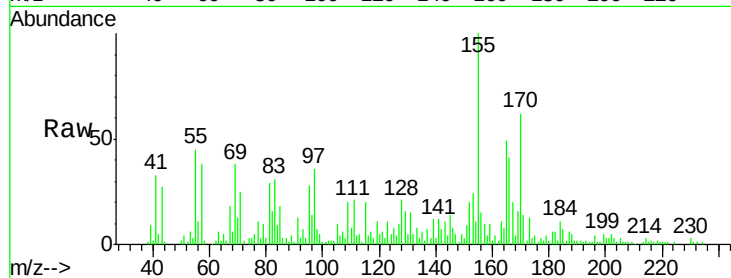
ClientSampled :

1

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Tot Ion:166	Resp:	60400
Ion Ratio	Lower	Upper
166	100	
165	118.9	77.8 116.8#
167	48.4	11.2 16.8#



#63

Phenanthrene-d10

Concen: 20.00 ng

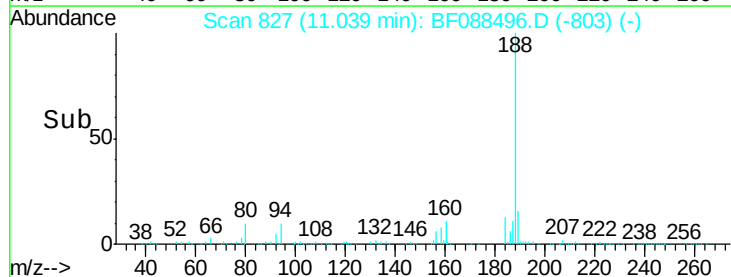
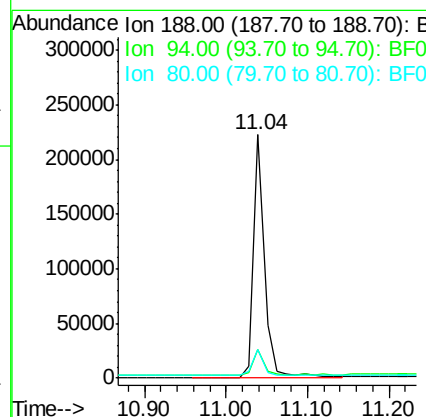
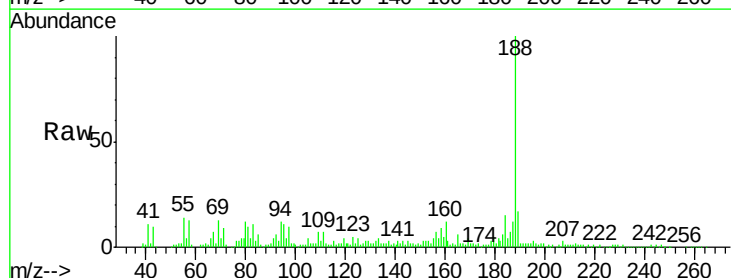
RT: 11.04 min Scan# 827

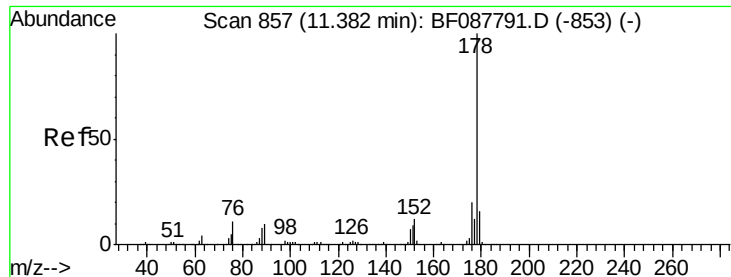
Delta R.T. -0.02 min

Lab File: BF088496.D

Acq: 28 Jun 2016 23:31

Tgt Ion:188	Resp:	205608
Ion Ratio	Lower	Upper
188	100	
94	11.5	9.0 13.6
80	11.6	10.0 15.0





#70

Phenanthrene

Concen: 16.77 ng

RT: 11.06 min Scan# 829

Delta R.T. -0.02 min

Lab File: BF088496.D

Acq: 28 Jun 2016 23:31

Instrument :

BNA_F

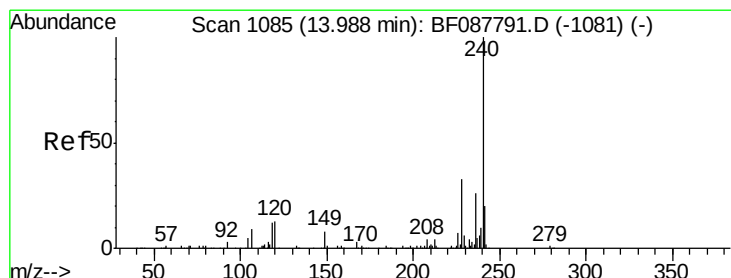
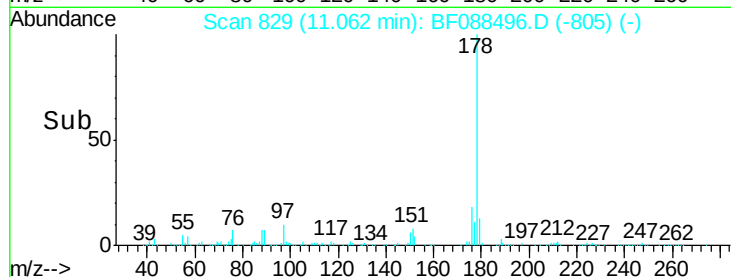
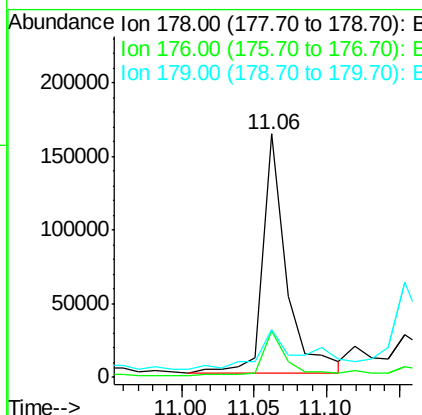
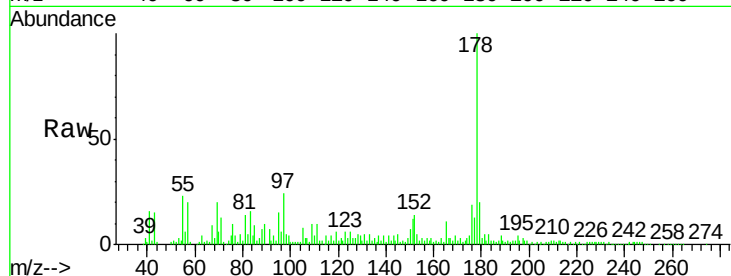
ClientSampleId :

1

Tot Ion:	178	Resp:	180975
Ion Ratio	Lower	Upper	
178	100		
176	18.9	15.8	23.6
179	19.7	13.0	19.4

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#75

Chrysene-d12

Concen: 20.00 ng

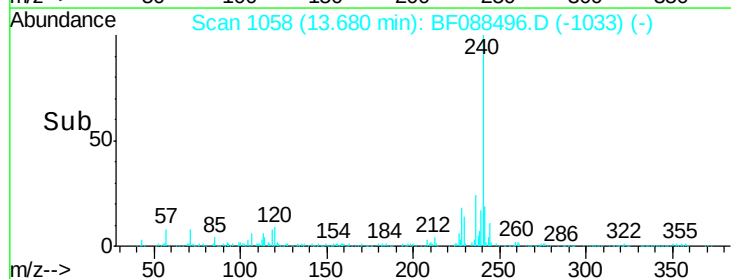
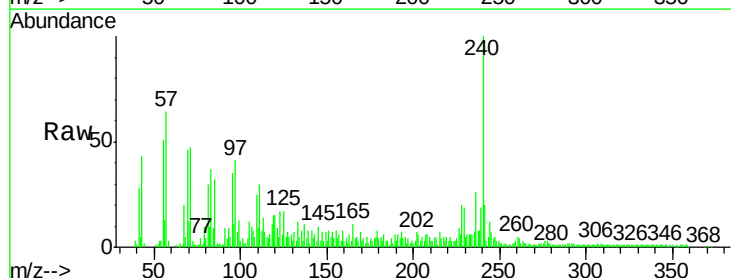
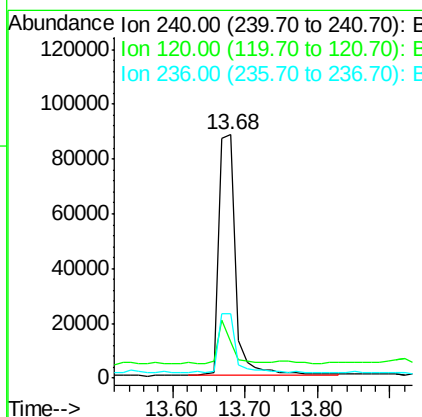
RT: 13.68 min Scan# 1058

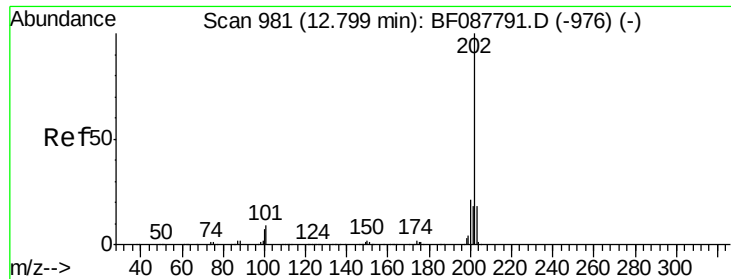
Delta R.T. -0.01 min

Lab File: BF088496.D

Acq: 28 Jun 2016 23:31

Tgt Ion:	240	Resp:	141706
Ion Ratio	Lower	Upper	
240	100		
120	14.8	6.8	10.2
236	26.3	20.2	30.2





#77

Pvrene

Concen: 7.36 ng

RT: 12.48 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF088496.D

Acq: 28 Jun 2016 23:31

Instrument :

BNA_F

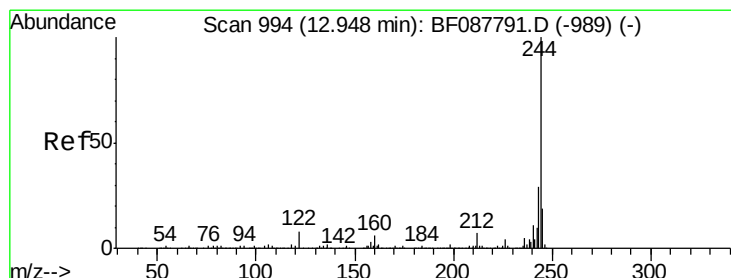
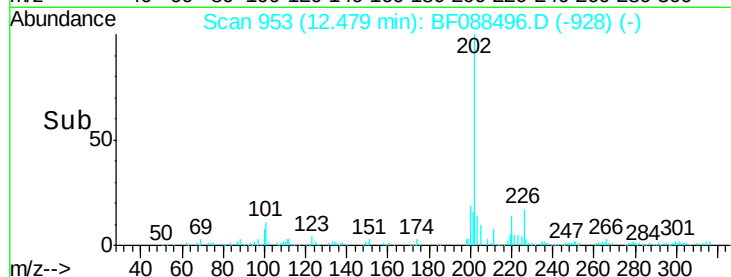
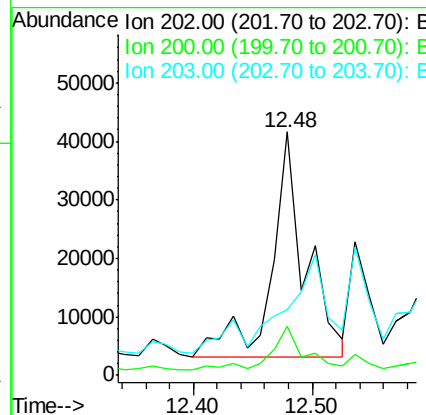
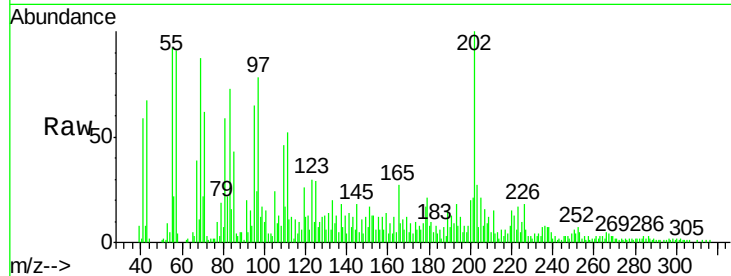
ClientSampled :

1

Tot Ion:202	Resp:	77386
Ion Ratio	Lower	Upper
202 100		
200 20.4	17.4	26.2
203 26.8	14.5	21.7#

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#78

Terphenyl-d14

Concen: 74.58 ng

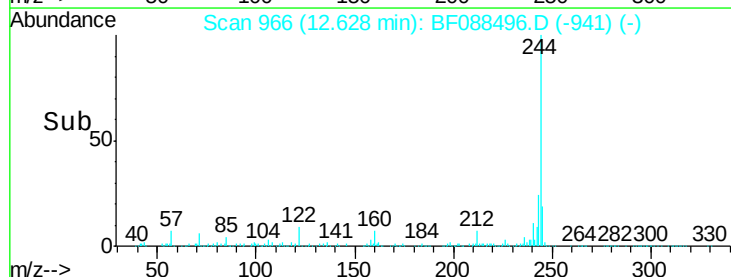
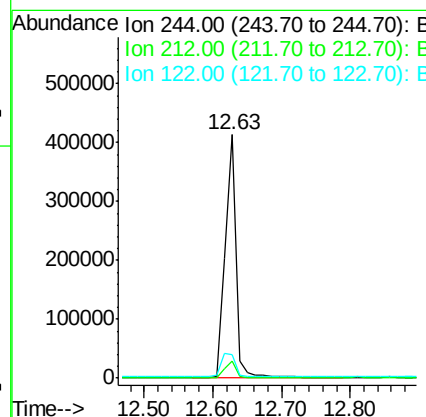
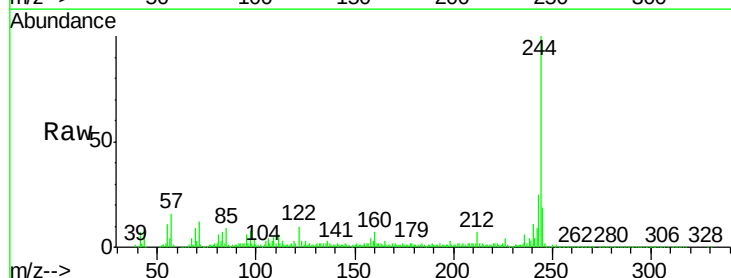
RT: 12.63 min Scan# 966

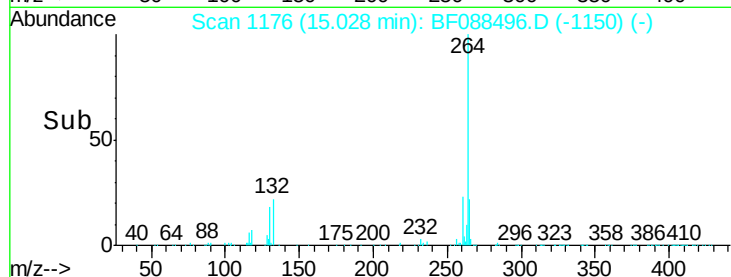
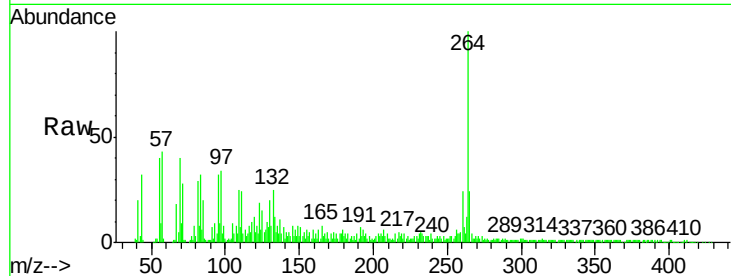
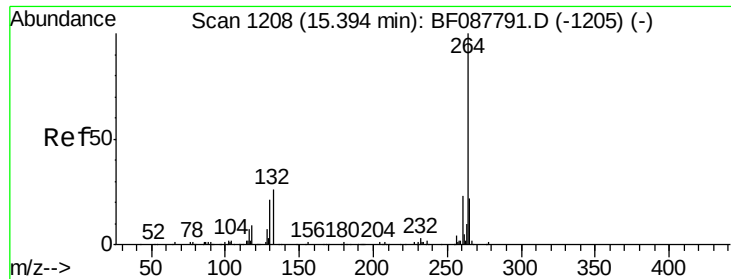
Delta R.T. -0.01 min

Lab File: BF088496.D

Acq: 28 Jun 2016 23:31

Tgt Ion:244	Resp:	464456
Ion Ratio	Lower	Upper
244 100		
212 7.1	6.0	9.0
122 9.8	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: BF088496.D
Acq: 28 Jun 2016 23:31

Instrument :
BNA_F
ClientSampleId :
1

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	24.3	19.2	28.8
265	23.8	16.9	25.3

Manual Integrations
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