

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060716\
 Data File : BF087800.D
 Acq On : 7 Jun 2016 22:20
 Operator : UM/SJ
 Sample : H3379-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-2

Manual Integrations
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Quant Time: Jun 08 05:06:43 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 18:51:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	103189	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	440902	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	202732	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	329329	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	226560	20.00	ng	-0.01
86) Perylene-d12	15.39	264	220537	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	708567	117.39	ng	0.01
7) Phenol-d6	6.48	99	1023654	139.93	ng	0.00
23) Nitrobenzene-d5	7.40	82	576791	76.39	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	229425	107.18	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	911595	69.64	ng	-0.01
78) Terphenyl-d14	12.94	244	688918	69.19	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.59	163	110842	7.55	ng	99
70) Phenanthrene	11.37	178	222678	12.89	ng	98
71) Anthracene	11.43	178	65008	3.73	ng	97
74) Fluoranthene	12.56	202	315309	17.29	ng	98
77) Pyrene	12.79	202	293750	17.47	ng	99
80) Benzo(a)anthracene	13.97	228	141287	10.94	ng	99
82) Chrysene	14.00	228	96615	7.95	ng	96
85) Indeno(1,2,3-cd)pyrene	16.77	276	68056	6.03	ng	# 100
87) Benzo(b)fluoranthene	14.99	252	151438m	9.85	ng	
88) Benzo(k)fluoranthene	15.01	252	38527m	3.32	ng	
89) Benzo(a)pyrene	15.34	252	109072	8.77	ng	# 94
91) Benzo(a,h,i)perylene	17.18	276	67336	5.67	ng	97

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

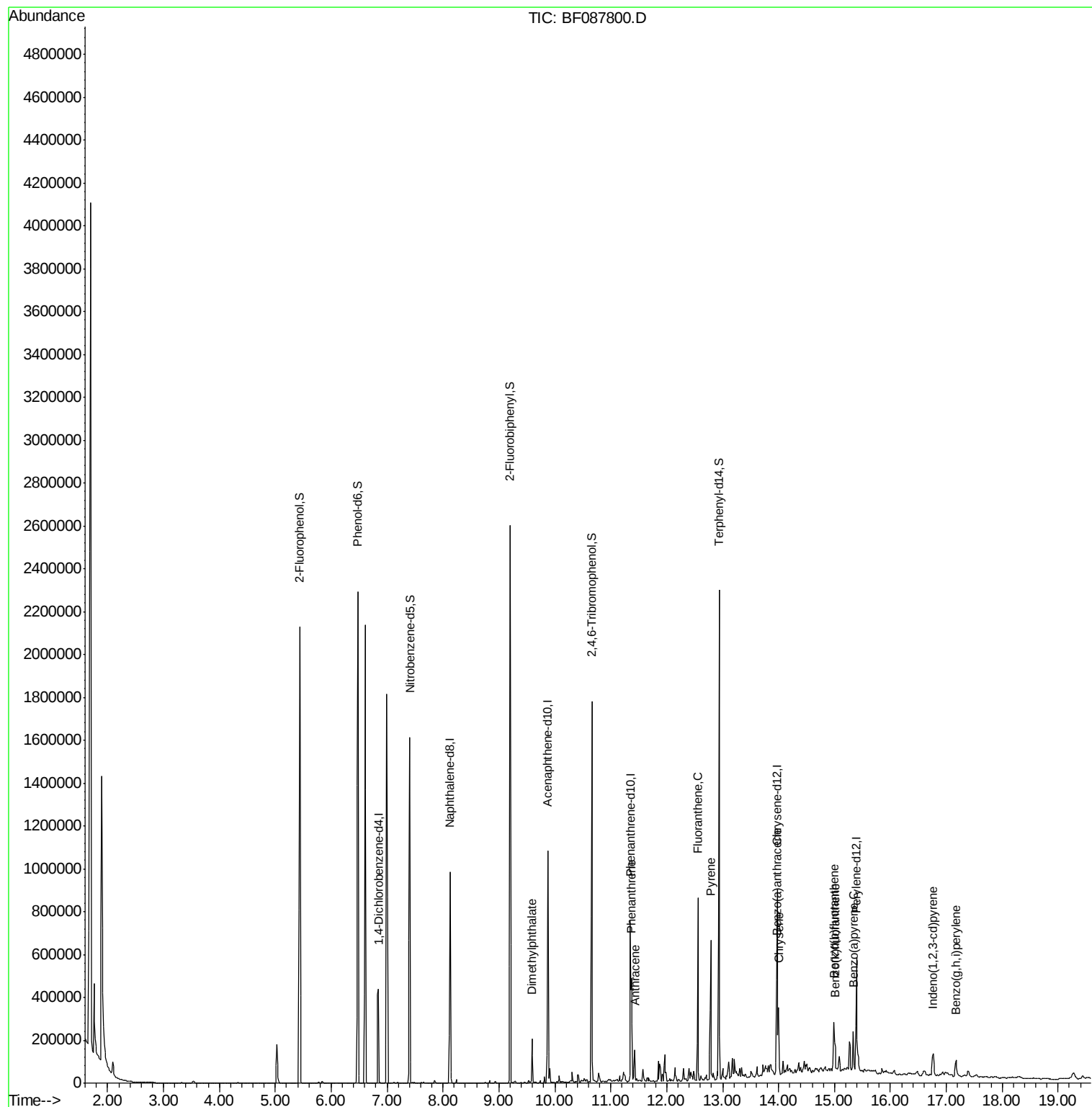
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060716\
Data File : BF087800.D
Acq On : 7 Jun 2016 22:20
Operator : UM/SJ
Sample : H3379-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

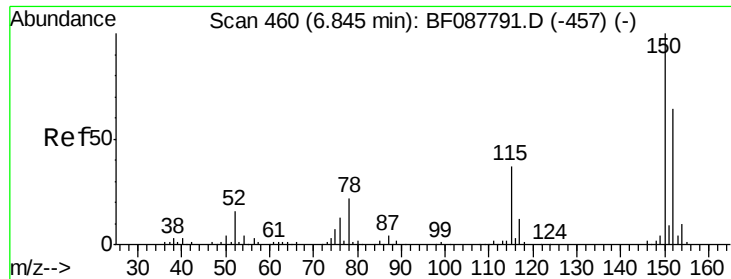
Instrument :
BNA_F
ClientSampleId :
SS-2

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Quant Time: Jun 08 05:06:43 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

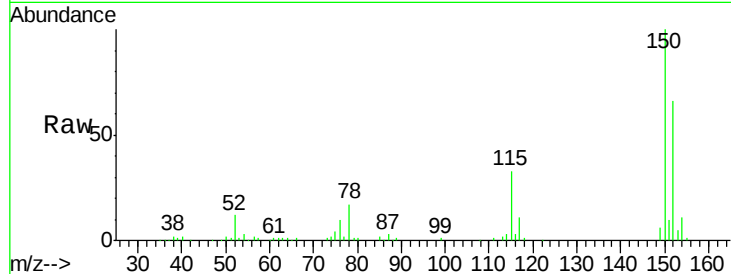
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.84 min Scan# 460
 Delta R.T. 0.00 min
 Lab File: BF087800.D
 Acq: 7 Jun 2016 22:20

Instrument :
 BNA_F
 ClientSampleId :
 SS-2

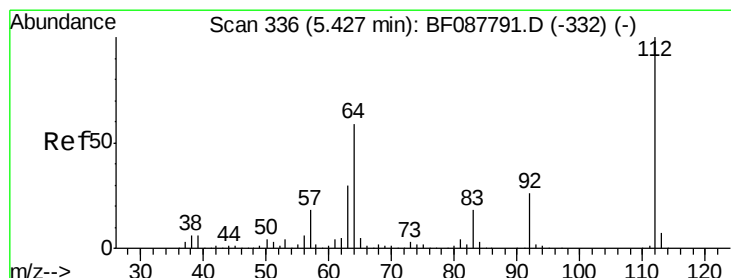
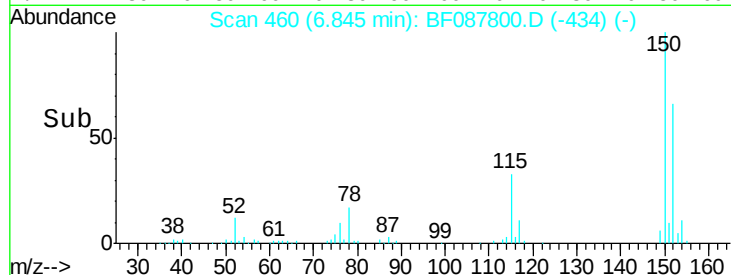
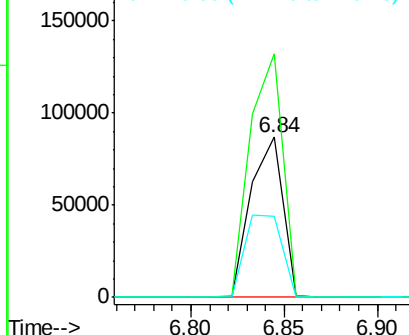
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.0	123.8	185.6
115	50.5	39.6	59.4

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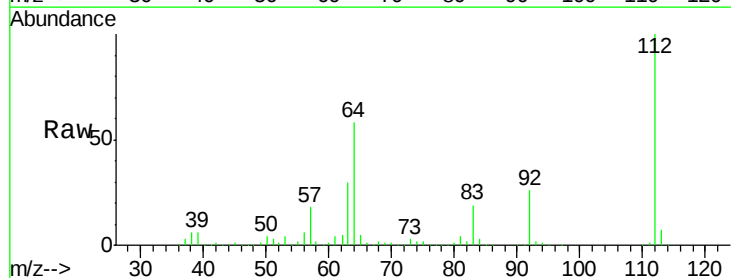
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



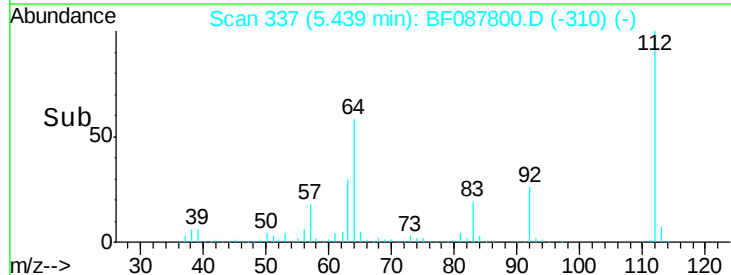
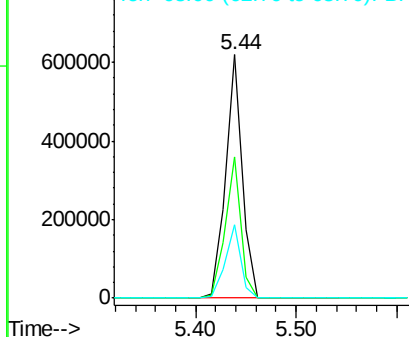
#5

2-Fluorophenol
 Concen: 117.39 ng
 RT: 5.44 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: BF087800.D
 Acq: 7 Jun 2016 22:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.0	42.2	63.2
63	30.3	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: 139.93 ng

RT: 6.48 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF087800.D

Acq: 7 Jun 2016 22:20

Instrument :

BNA_F

ClientSampleId :

SS-2

Tot Ion: 99 Resp: 1023654

Ion Ratio Lower Upper

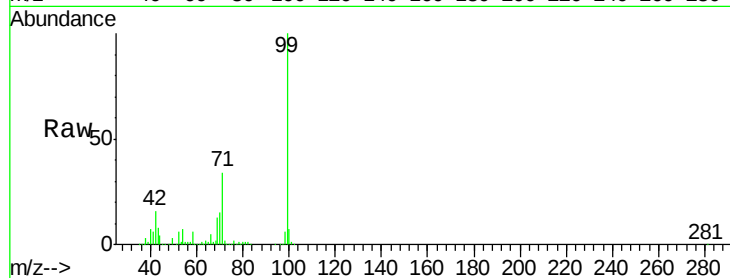
99 100

42 16.5 12.2 18.2

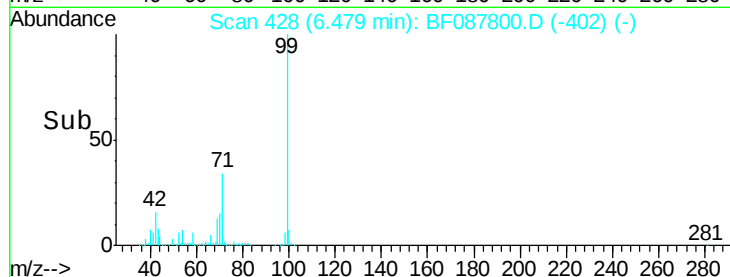
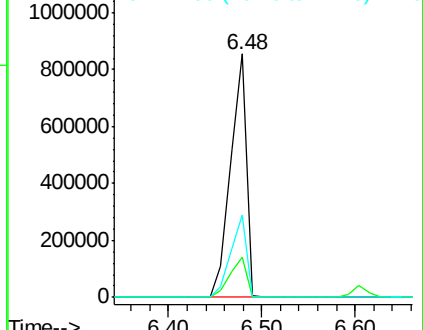
71 33.9 23.4 35.0

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 572

Delta R.T. 0.00 min

Lab File: BF087800.D

Acq: 7 Jun 2016 22:20

Tgt Ion: 136 Resp: 440902

Ion Ratio Lower Upper

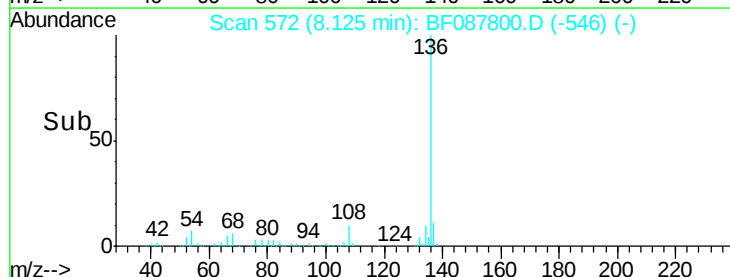
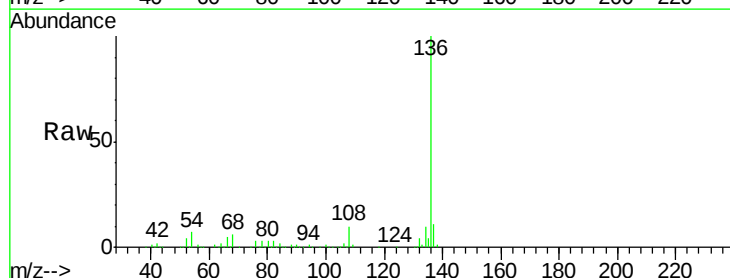
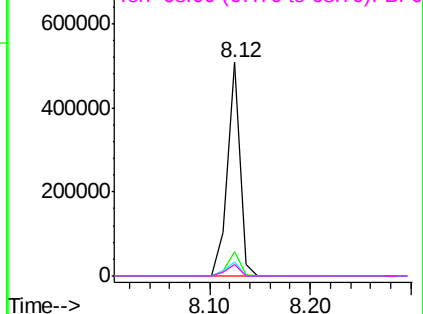
136 100

137 11.1 9.1 13.7

54 6.8 6.6 10.0

68 5.5 5.1 7.7

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0





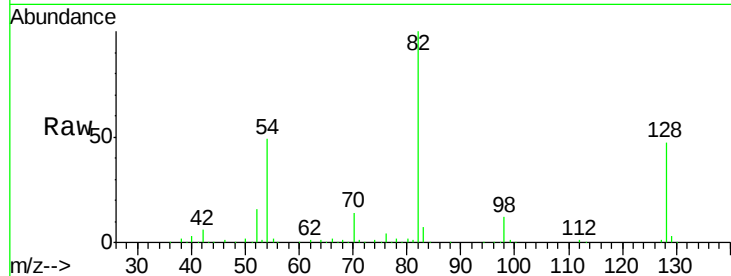
#23
 Nitrobenzene-d5
 Concen: 76.39 ng
 RT: 7.40 min Scan# 509
 Delta R.T. -0.01 min
 Lab File: BF087800.D
 Acq: 7 Jun 2016 22:20

Instrument :
 BNA_F
 ClientSampled :
 SS-2

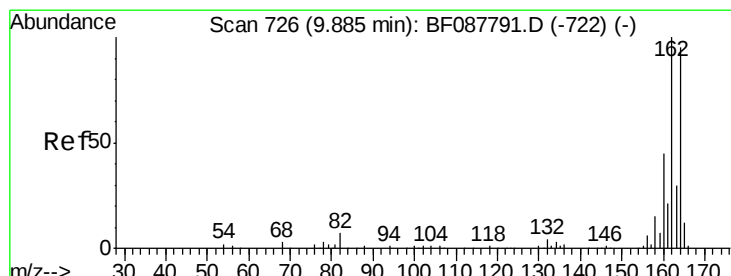
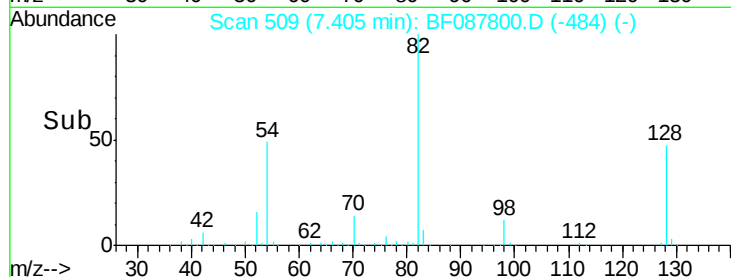
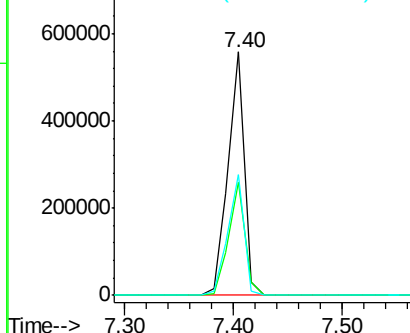
Tot Ion:	82	Resp:	576791
Ion Ratio	Lower	Upper	
82	100		
128	46.6	35.9	53.9
54	49.4	40.9	61.3

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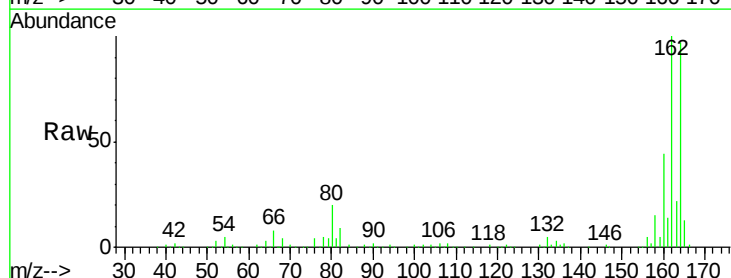


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

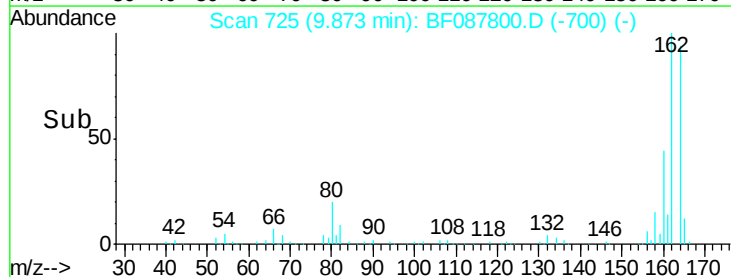
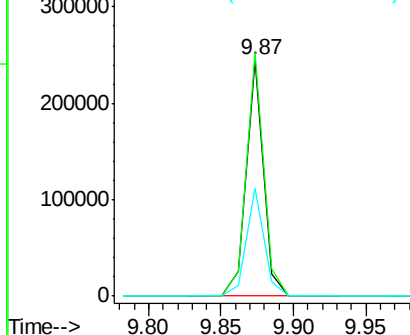


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 725
 Delta R.T. -0.01 min
 Lab File: BF087800.D
 Acq: 7 Jun 2016 22:20

Tgt Ion:	164	Resp:	202732
Ion Ratio	Lower	Upper	
164	100		
162	103.0	85.4	128.2
160	45.6	39.5	59.3



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





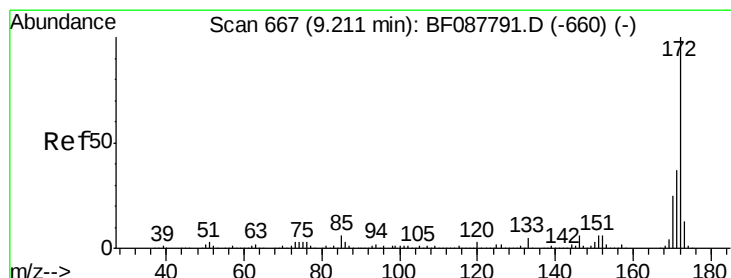
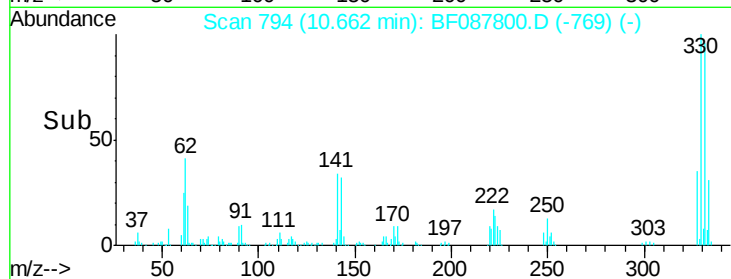
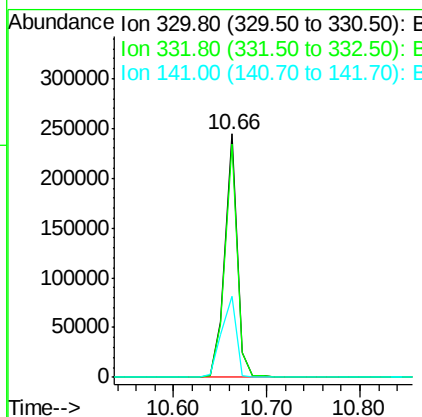
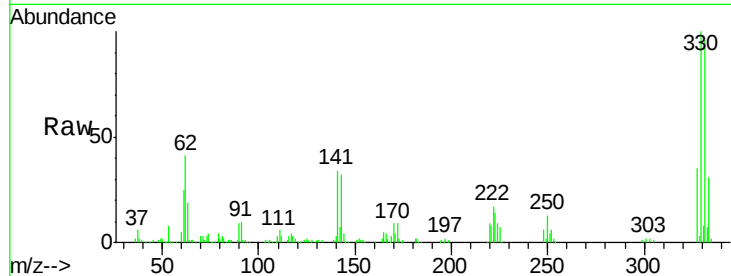
#41
 2,4,6-Tribromophenol
 Concen: 107.18 ng
 RT: 10.66 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF087800.D
 Acq: 7 Jun 2016 22:20

Instrument :
 BNA_F
 ClientSampled :
 SS-2

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	96.3	0.0	0.0#
141	39.1	0.0	0.0#

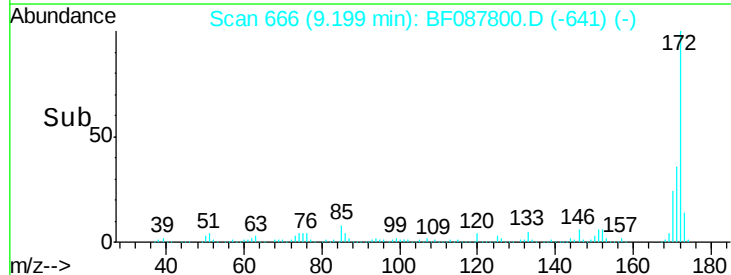
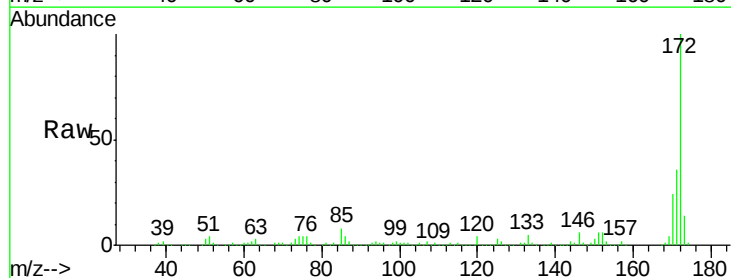
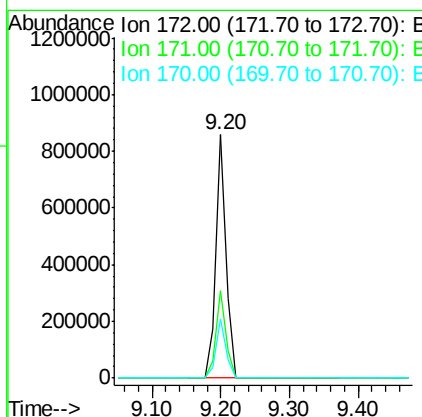
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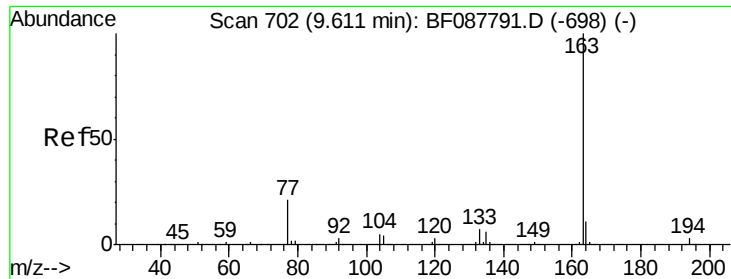
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#44
 2-Fluorobiphenyl
 Concen: 69.64 ng
 RT: 9.20 min Scan# 666
 Delta R.T. -0.01 min
 Lab File: BF087800.D
 Acq: 7 Jun 2016 22:20

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	36.1	28.6	43.0
170	24.1	19.2	28.8





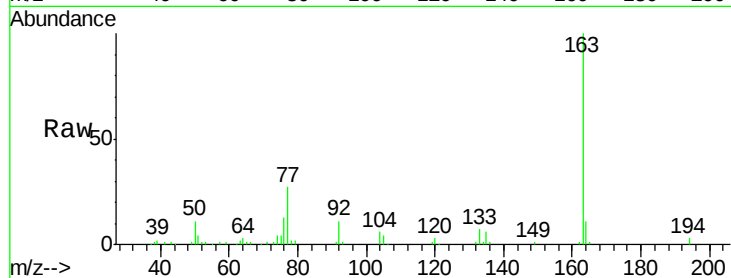
#49
Dimethylphthalate
Concen: 7.55 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.02 min
Lab File: BF087800.D
Acq: 7 Jun 2016 22:20

Instrument :
BNA_F
ClientSampleId :
SS-2

Tot Ion	Ratio	Resp	Lower	Upper
163	100	110842		
194	2.9		2.8	4.2
164	10.6		8.3	12.5

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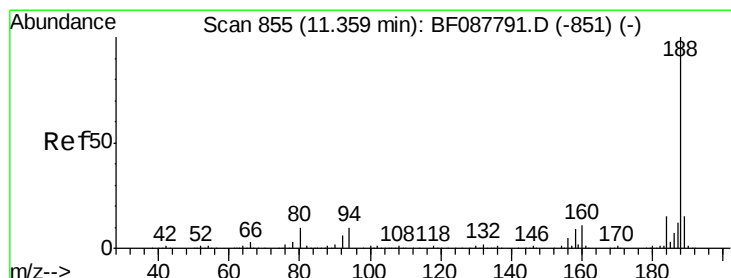
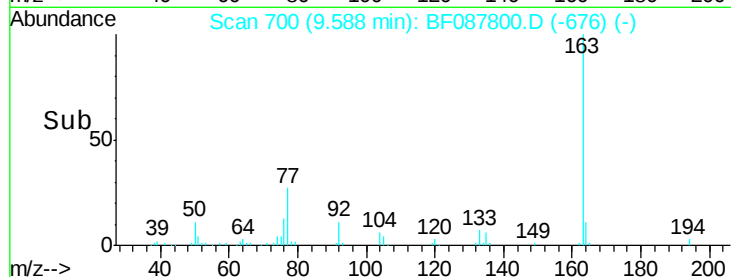
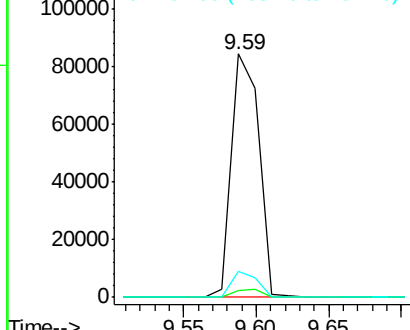


Abundance

Ion 163.00 (162.70 to 163.70): E

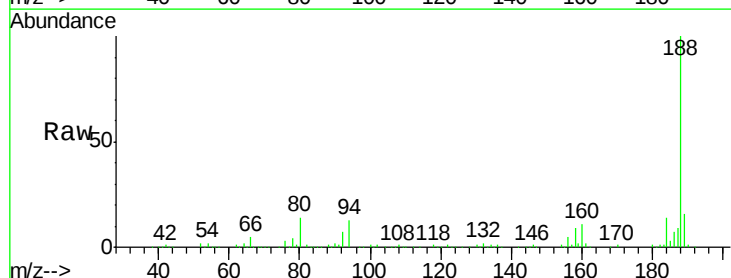
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF087800.D
Acq: 7 Jun 2016 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	329329		
94	12.6		9.0	13.6
80	13.5		10.0	15.0

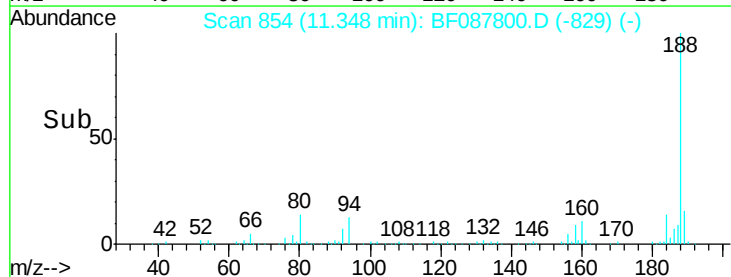
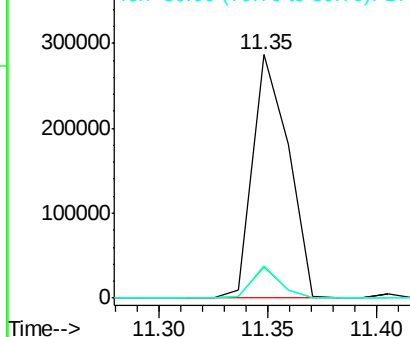


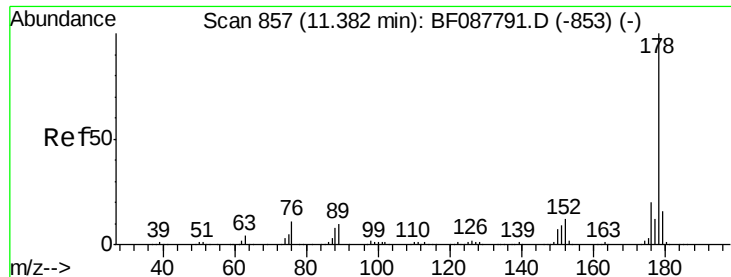
Abundance

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





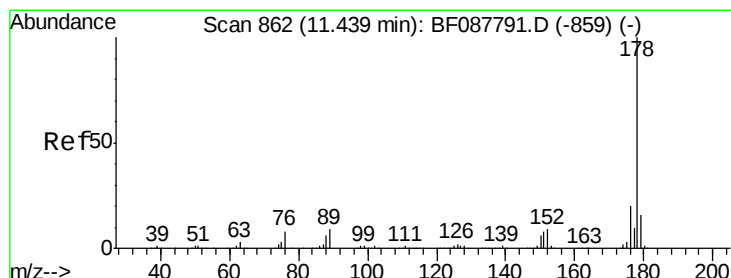
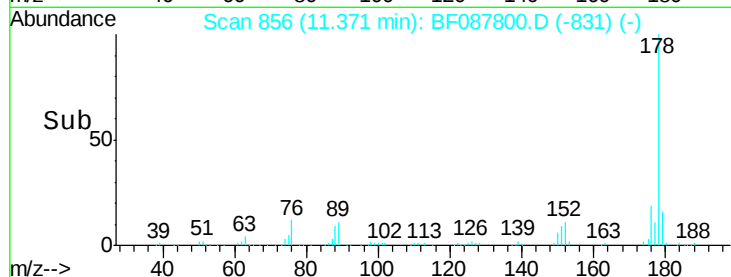
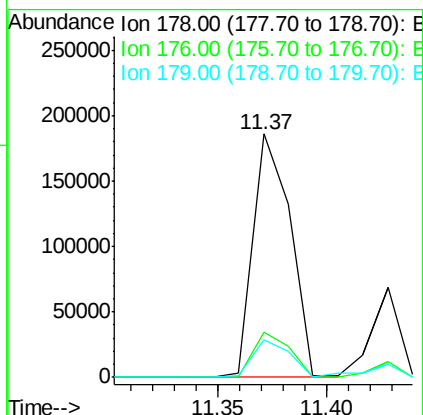
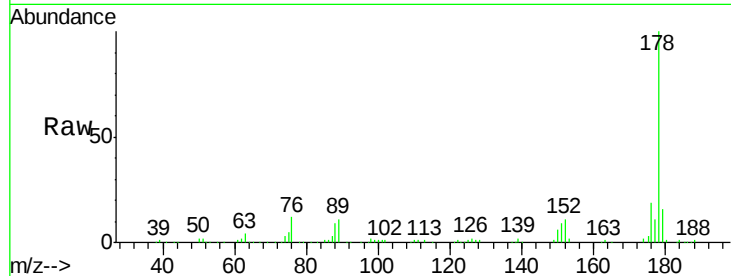
#70
Phenanthrene
Concen: 12.89 ng
RT: 11.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF087800.D
Acq: 7 Jun 2016 22:20

Instrument :
BNA_F
ClientSampled :
SS-2

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.6
179	15.5	13.0	19.4

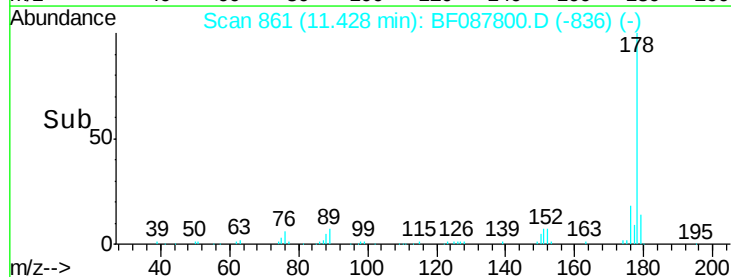
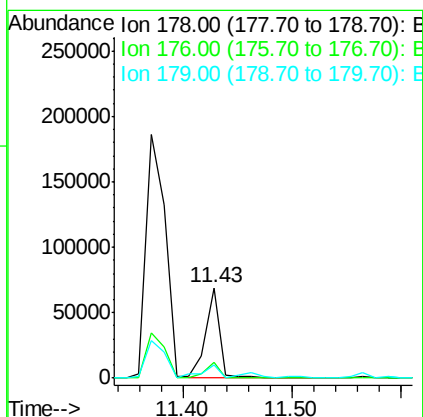
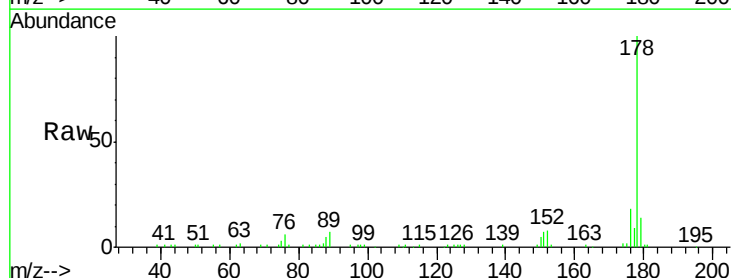
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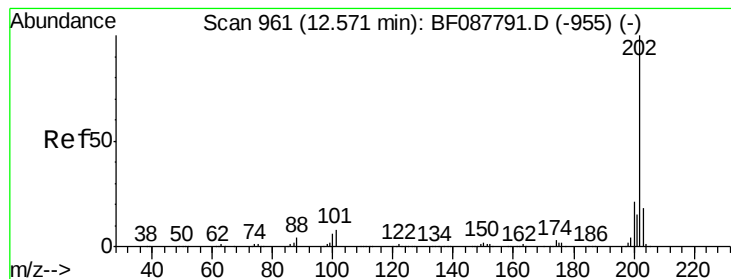
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#71
Anthracene
Concen: 3.73 ng
RT: 11.43 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF087800.D
Acq: 7 Jun 2016 22:20

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.6	23.4
179	14.5	12.8	19.2





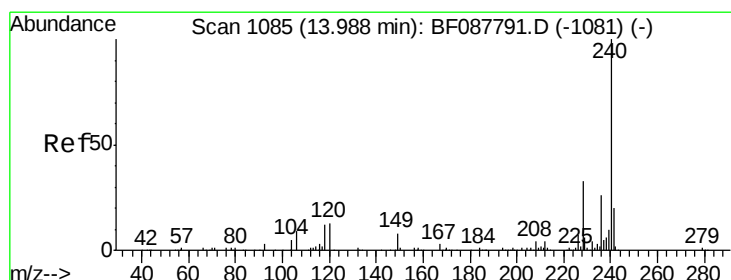
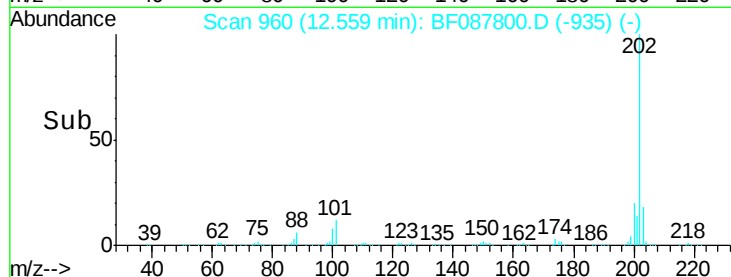
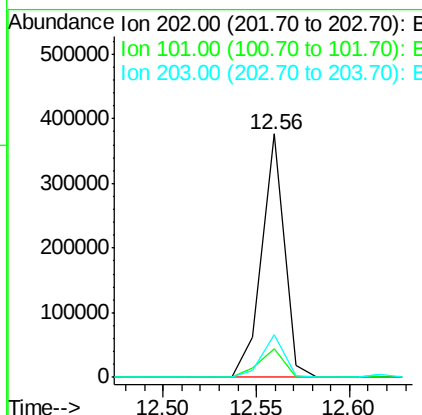
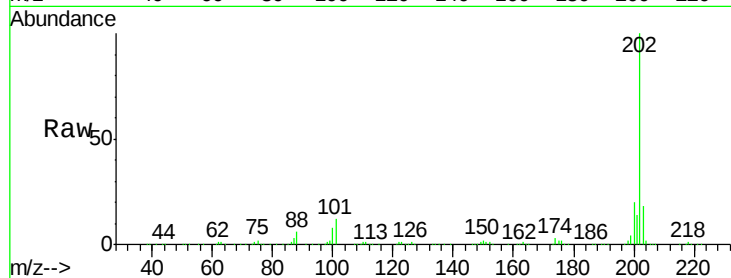
#74
 Fluoranthene
 Concen: 17.29 ng
 RT: 12.56 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF087800.D
 Acq: 7 Jun 2016 22:20

Instrument :
 BNA_F
 ClientSampled :
 SS-2

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.7	0.0	33.1
203	17.6	0.0	38.1

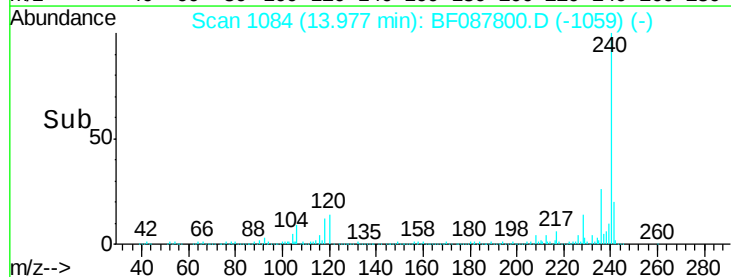
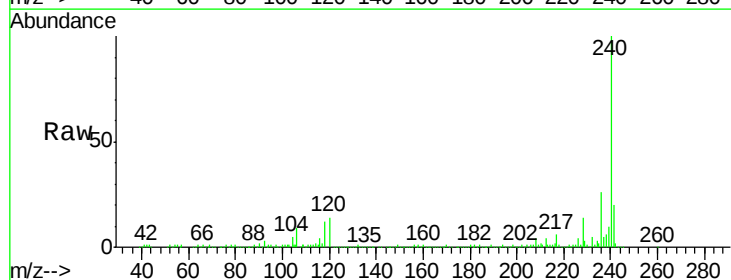
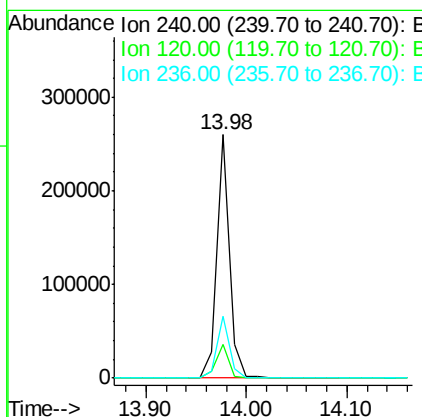
Manual Integrations
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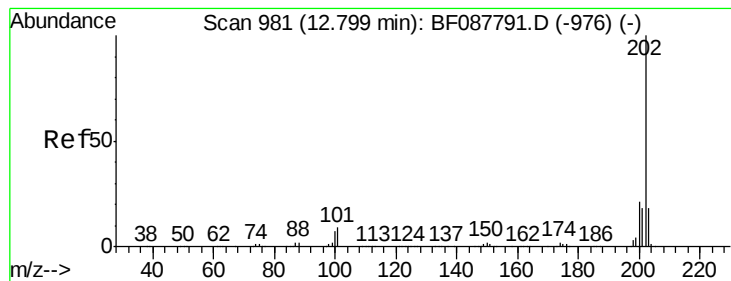
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.98 min Scan# 1084
 Delta R.T. -0.01 min
 Lab File: BF087800.D
 Acq: 7 Jun 2016 22:20

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	14.0	6.8	10.2#
236	25.5	20.2	30.2





#77

Pvrene

Concen: 17.47 ng

RT: 12.79 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF087800.D

Acq: 7 Jun 2016 22:20

Instrument :

BNA_F

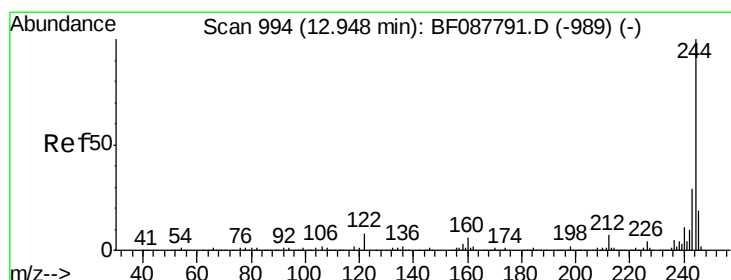
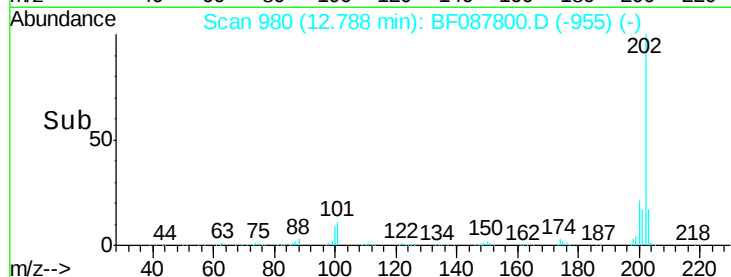
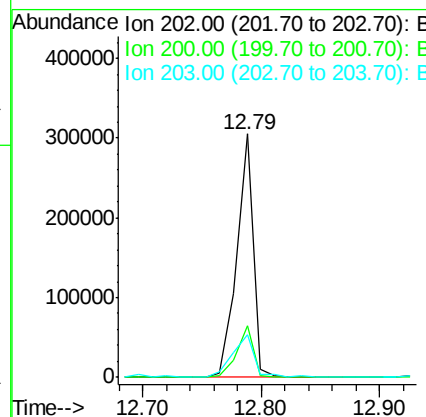
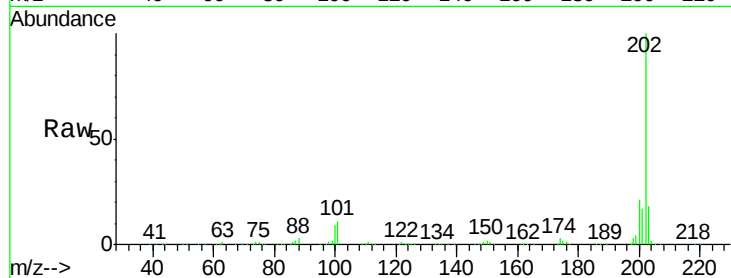
ClientSampleId :

SS-2

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
200	21.2	17.4	26.2		
203	17.7	14.5	21.7		

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#78

Terphenyl-d14

Concen: 69.19 ng

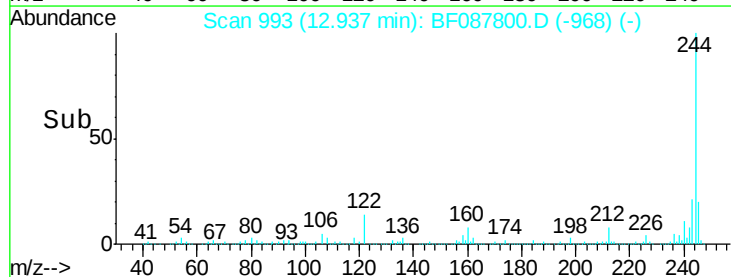
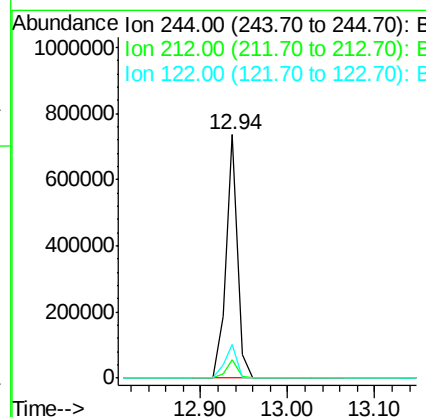
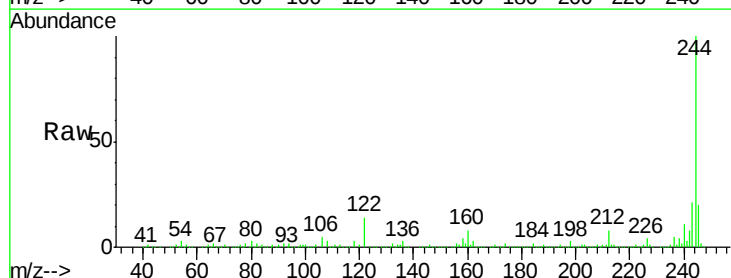
RT: 12.94 min Scan# 993

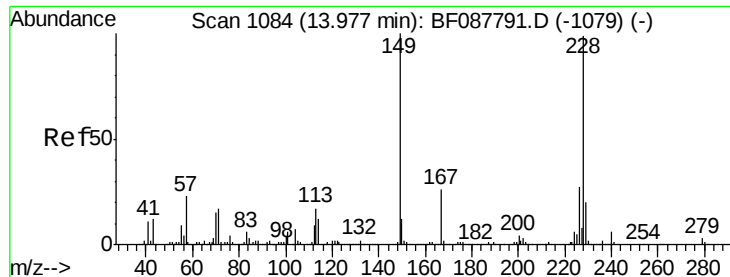
Delta R.T. -0.01 min

Lab File: BF087800.D

Acq: 7 Jun 2016 22:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
244	100				
212	7.5	6.0	9.0		
122	13.6	11.2	16.8		





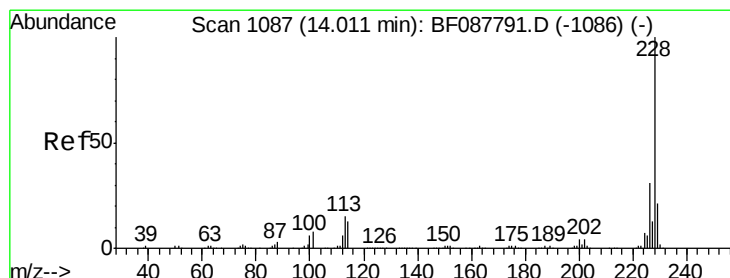
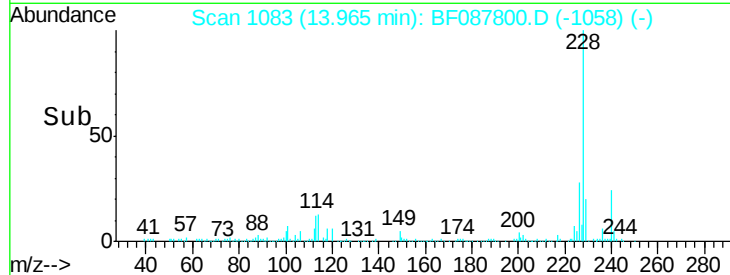
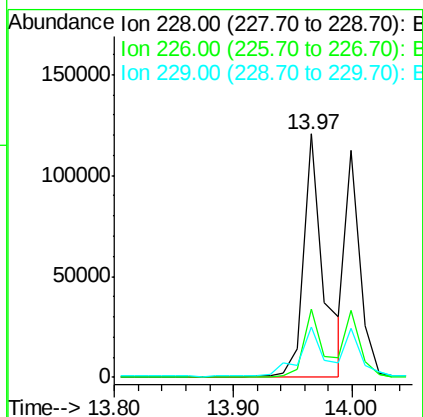
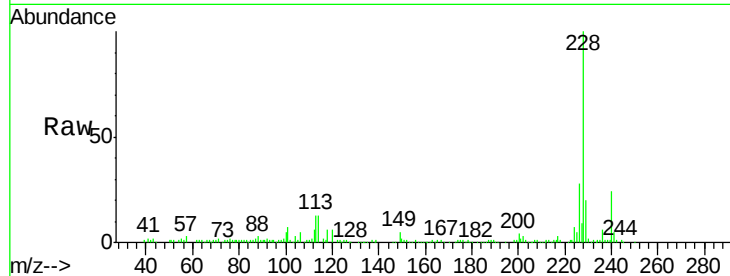
#80
Benzo(a)anthracene
Concen: 10.94 ng
RT: 13.97 min Scan# 1083
Delta R.T. -0.01 min
Lab File: BF087800.D
Acq: 7 Jun 2016 22:20

Instrument :
BNA_F
ClientSampled :
SS-2

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.3	33.5
229	20.5	16.0	24.0

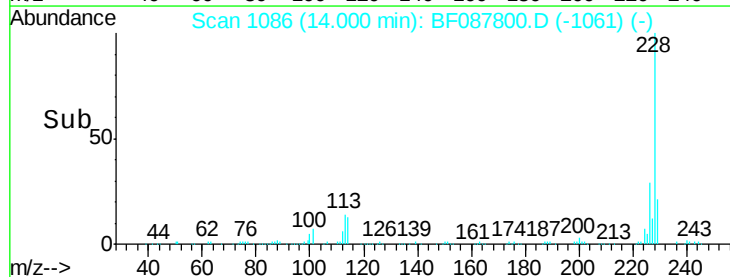
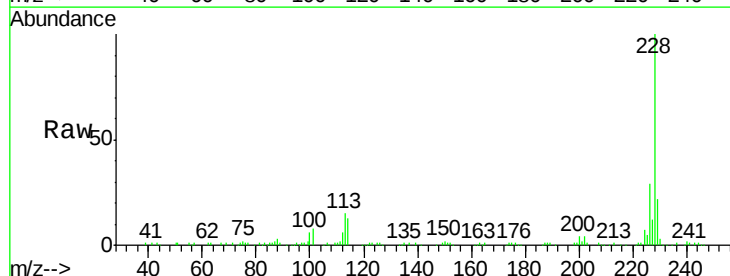
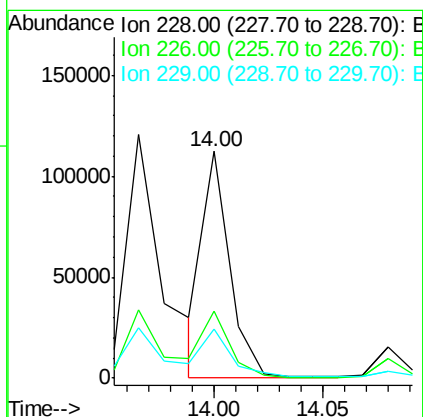
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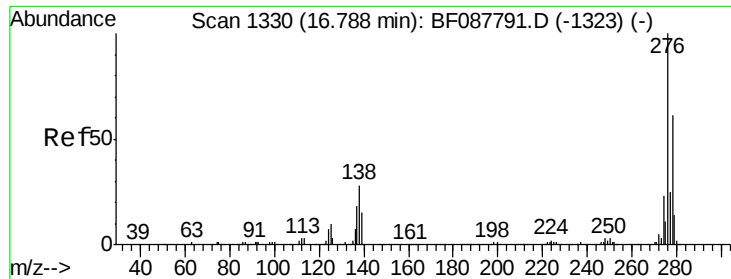
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#82
Chrysene
Concen: 7.95 ng
RT: 14.00 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BF087800.D
Acq: 7 Jun 2016 22:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	25.4	38.2
229	21.9	16.3	24.5





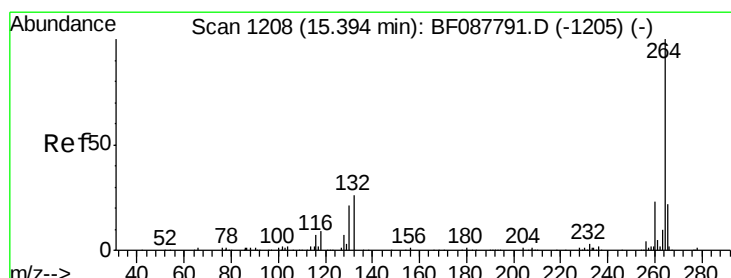
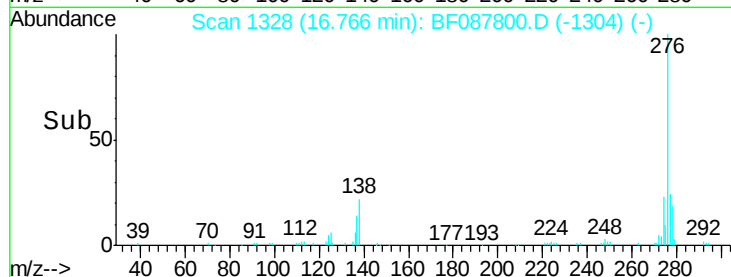
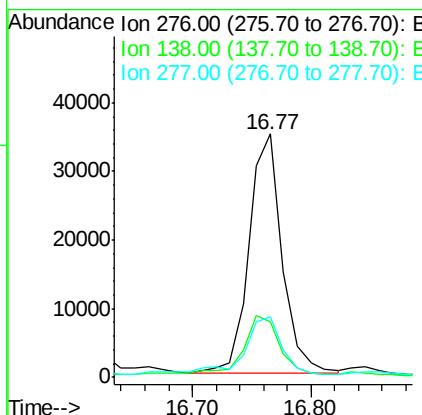
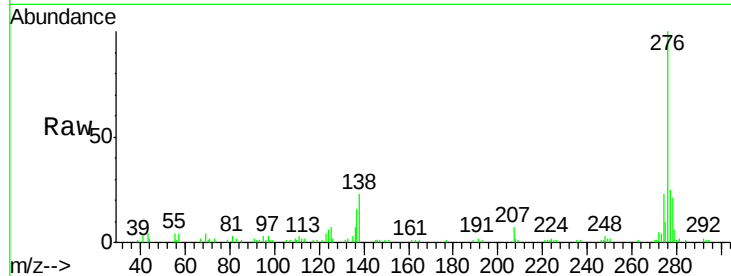
#85
Indeno(1,2,3-cd)pyrene
Concen: 6.03 ng
RT: 16.77 min Scan# 1328
Delta R.T. -0.02 min
Lab File: BF087800.D
Acq: 7 Jun 2016 22:20

Instrument :
BNA_F
ClientSampleId :
SS-2

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	28.7	0.0	0.0#
277	31.0	0.0	0.0#

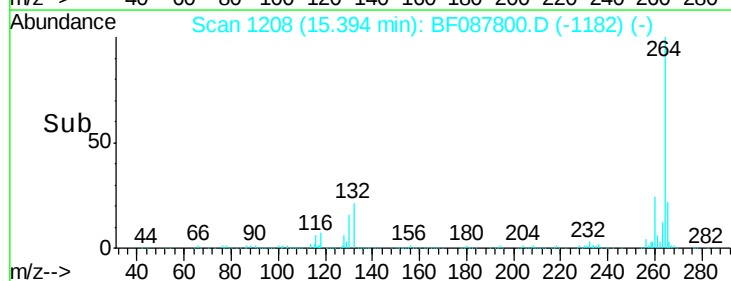
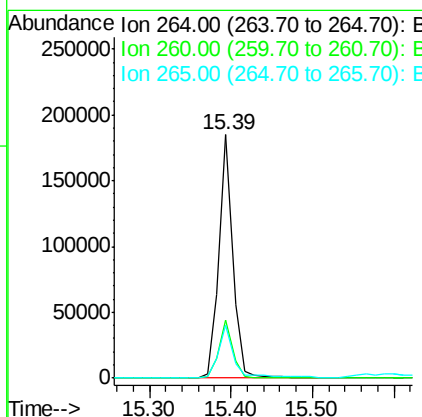
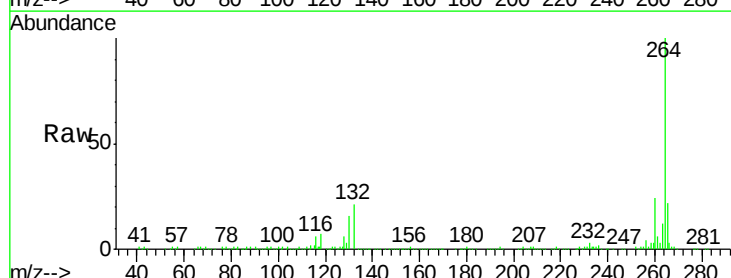
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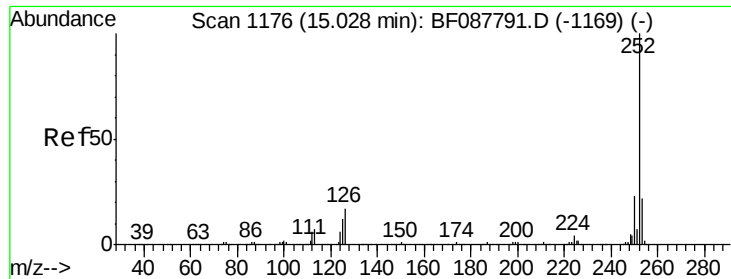
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BF087800.D
Acq: 7 Jun 2016 22:20

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.9	16.9	25.3





#87

Benzo(b)fluoranthene

Concen: 9.85 ng m

RT: 14.99 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BF087800.D

Acq: 7 Jun 2016 22:20

Instrument :

BNA_F

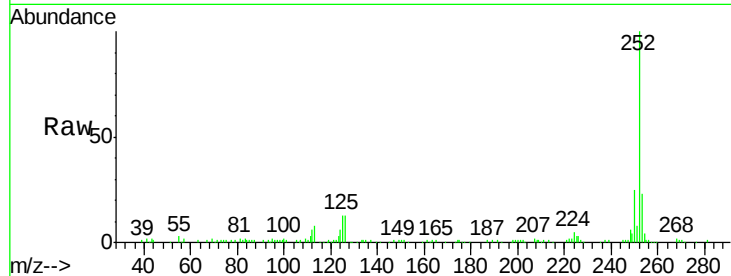
ClientSampleId :

SS-2

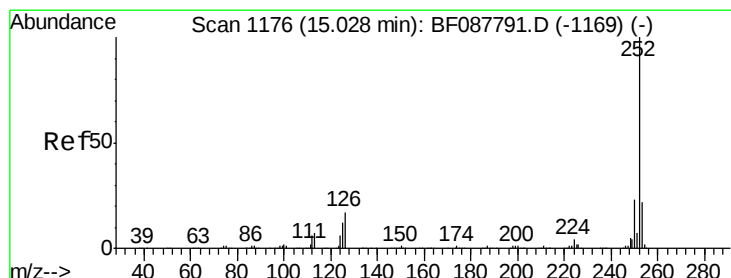
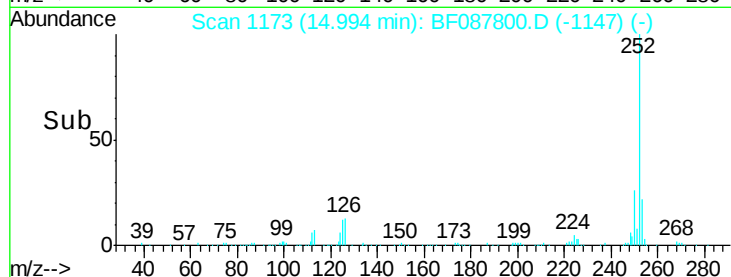
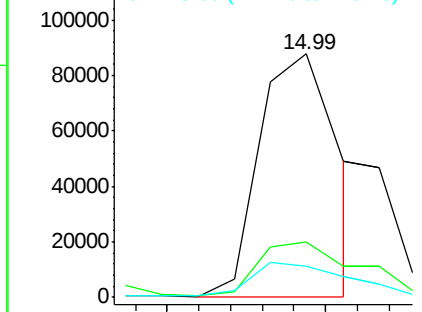
Tot Ion:	252	Resp:	151438
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.4	26.2
125	13.0	7.1	10.7#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 3.32 ng m

RT: 15.01 min Scan# 1174

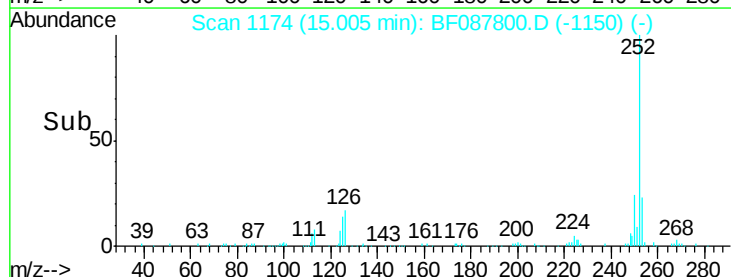
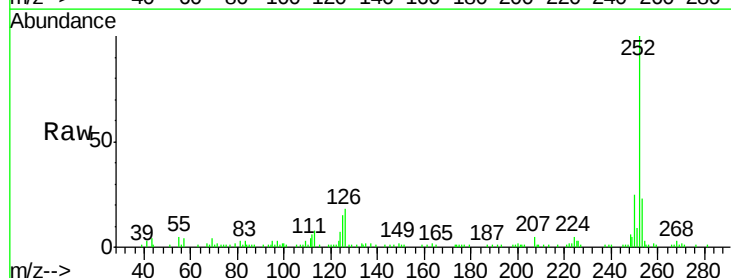
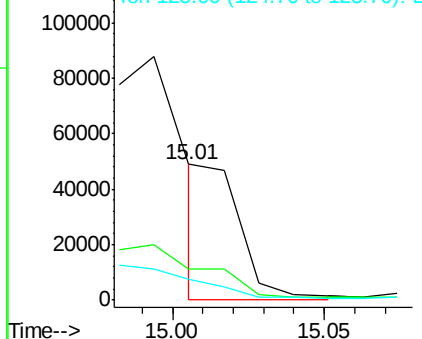
Delta R.T. -0.02 min

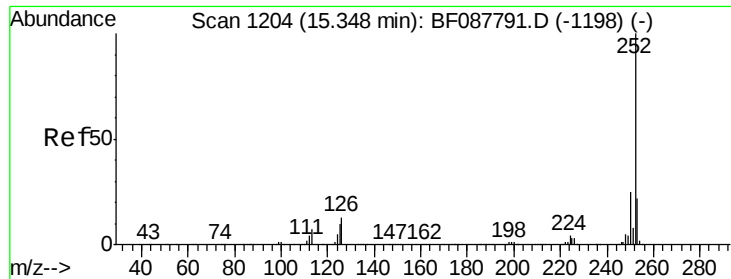
Lab File: BF087800.D

Acq: 7 Jun 2016 22:20

Tgt Ion:	252	Resp:	38527
Ion Ratio	Lower	Upper	
252	100		
253	23.4	18.0	27.0
125	15.3	11.2	16.8

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





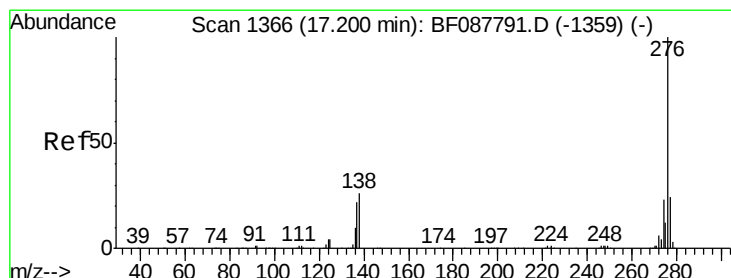
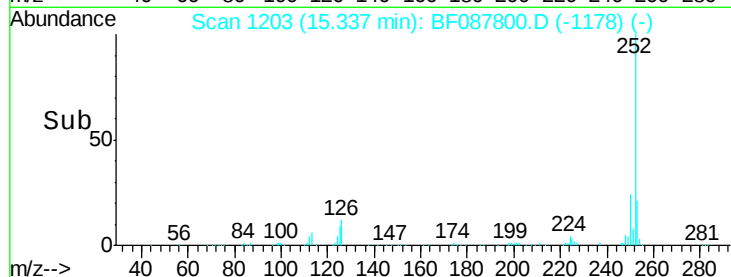
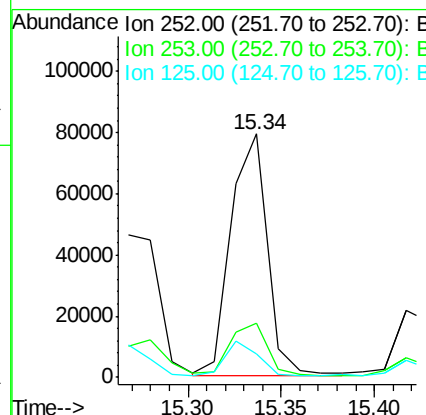
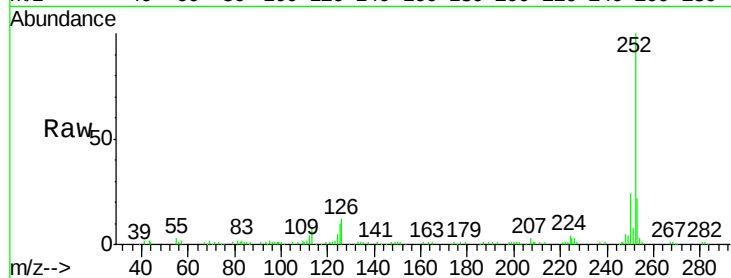
#89
Benzo(a)pyrene
Concen: 8.77 ng
RT: 15.34 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF087800.D
Acq: 7 Jun 2016 22:20

Instrument :
BNA_F
ClientSampled :
SS-2

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	9.8	12.5	18.7

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 5.67 ng
RT: 17.18 min Scan# 1364
Delta R.T. -0.02 min
Lab File: BF087800.D
Acq: 7 Jun 2016 22:20

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.9	28.3
138	23.7	21.4	32.2

