

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060716\
 Data File : BF087799.D
 Acq On : 7 Jun 2016 21:50
 Operator : UM/SJ
 Sample : H3379-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-1

Manual Integrations
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Quant Time: Jun 08 12:04:34 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	6.83	152	93729	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	423727	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	196048	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	331907	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	237352	20.00	ng	-0.01
86) Perylene-d12	15.39	264	216049	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	511851	93.36	ng	0.01
7) Phenol-d6	6.47	99	558091	83.99	ng	-0.01
23) Nitrobenzene-d5	7.40	82	413429	56.97	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	172747	83.45	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	683363	52.65	ng	-0.01
78) Terphenyl-d14	12.94	244	605385	58.04	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.59	163	102177	7.19	ng	99
70) Phenanthrene	11.37	178	122220	7.02	ng	99
74) Fluoranthene	12.56	202	200943	10.93	ng	95
77) Pyrene	12.79	202	185638	10.54	ng	97
80) Benzo(a)anthracene	13.97	228	86994	6.43	ng	99
82) Chrysene	14.00	228	59873	4.71	ng	95
85) Indeno(1,2,3-cd)pyrene	16.77	276	39937	3.38	ng	# 100
87) Benzo(b)fluoranthene	14.98	252	92160m	6.12	ng	
89) Benzo(a)pyrene	15.33	252	61197	5.02	ng	94
91) Benzo(g,h,i)perylene	17.18	276	41997	3.61	ng	95

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

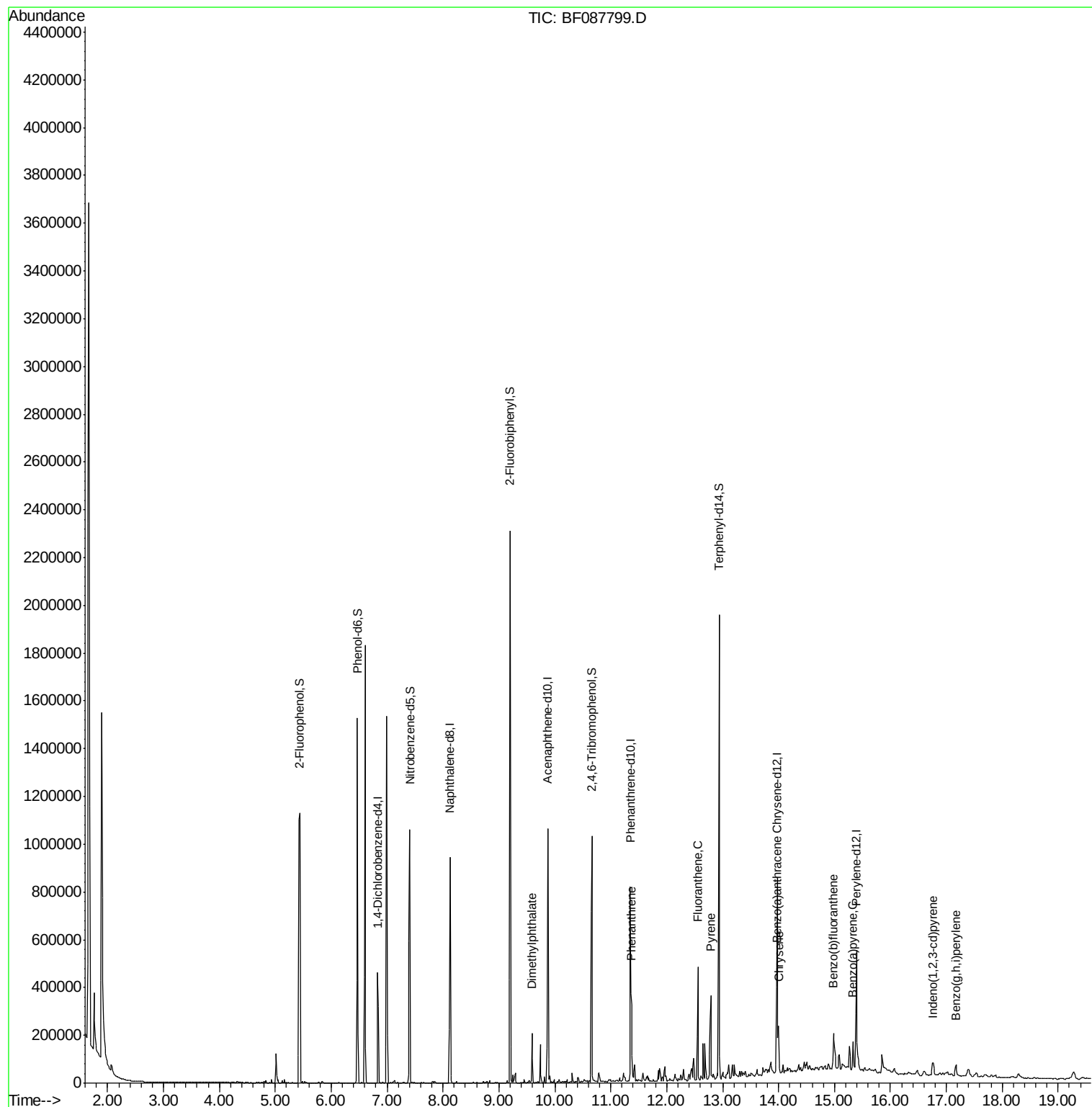
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060716\
Data File : BF087799.D
Acq On : 7 Jun 2016 21:50
Operator : UM/SJ
Sample : H3379-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

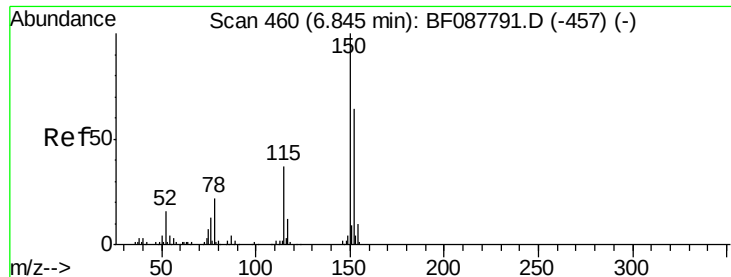
Instrument :
BNA_F
ClientSampleId :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF087799.D

Acq: 7 Jun 2016 21:50

Instrument :

BNA_F

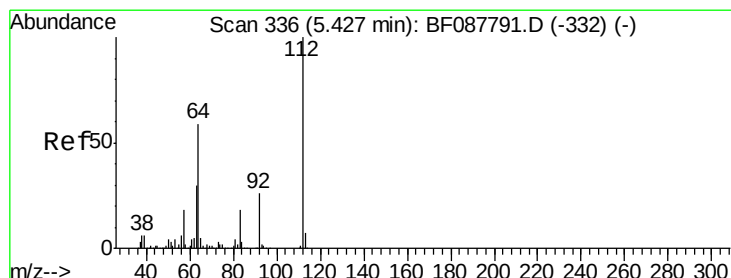
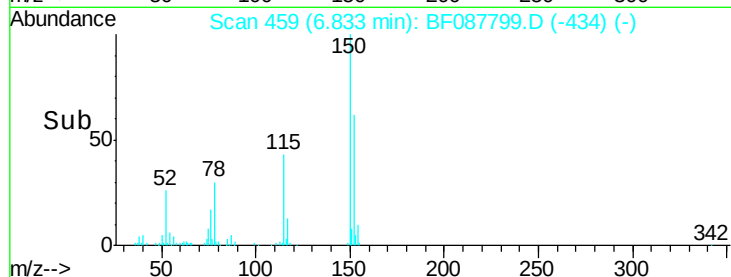
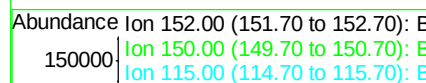
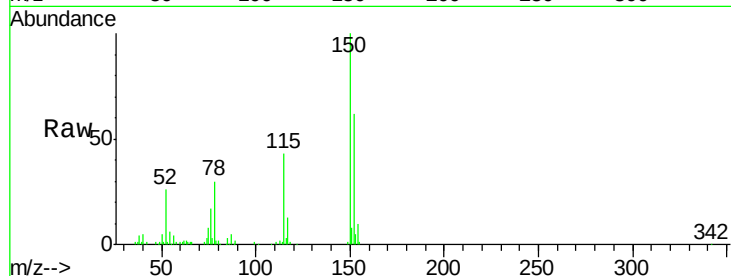
ClientSampleId :

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Tot Ion:	152	Resp:	93729
Ion Ratio	Lower	Upper	
152	100		
150	161.5	123.8	185.6
115	68.9	39.6	59.4

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#5

2-Fluorophenol

Concen: 93.36 ng

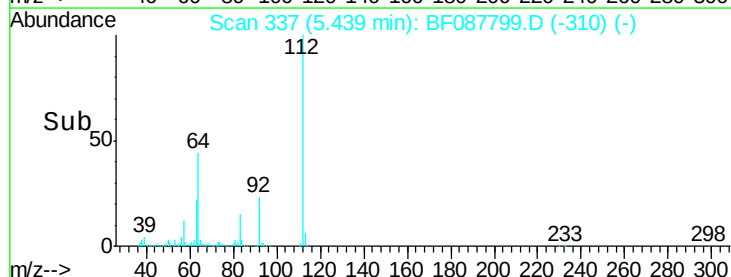
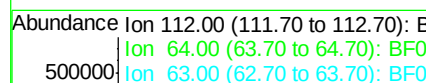
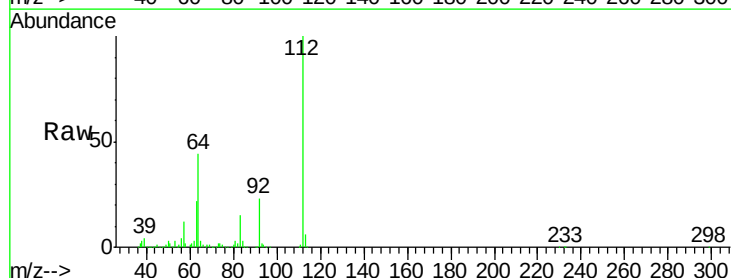
RT: 5.44 min Scan# 337

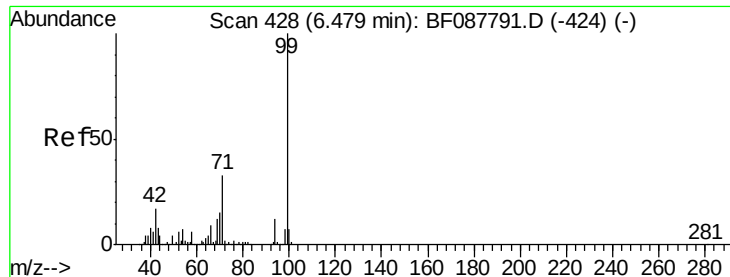
Delta R.T. 0.01 min

Lab File: BF087799.D

Acq: 7 Jun 2016 21:50

Tgt Ion:	112	Resp:	511851
Ion Ratio	Lower	Upper	
112	100		
64	43.6	42.2	63.2
63	22.0	21.8	32.8





#7

Phenol-d6

Concen: 83.99 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.01 min

Lab File: BF087799.D

Acq: 7 Jun 2016 21:50

Instrument :

BNA_F

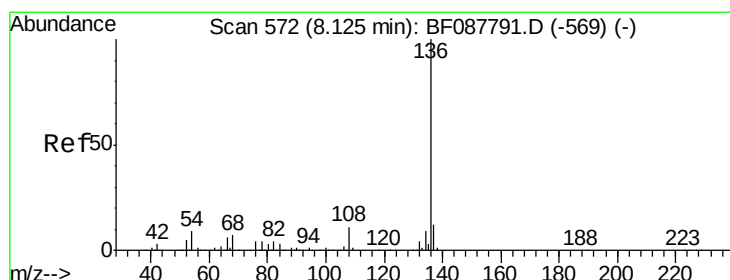
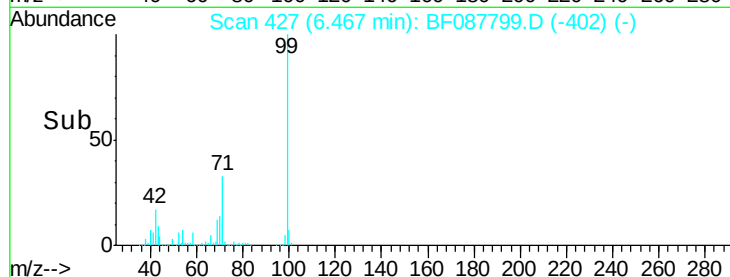
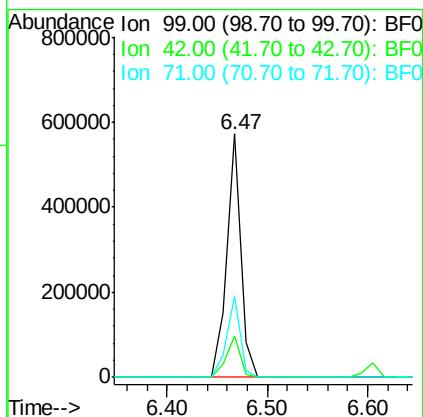
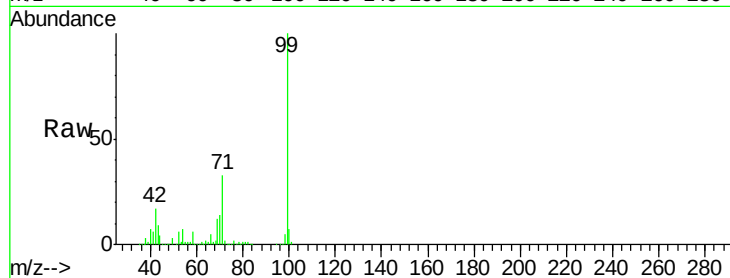
ClientSampleId :

SS-1

Tot Ion:	99	Resp:	558091
Ion Ratio	Lower	Upper	
99	100		
42	16.9	12.2	18.2
71	33.3	23.4	35.0

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#21

Naphthalene-d8

Concen: 20.00 ng

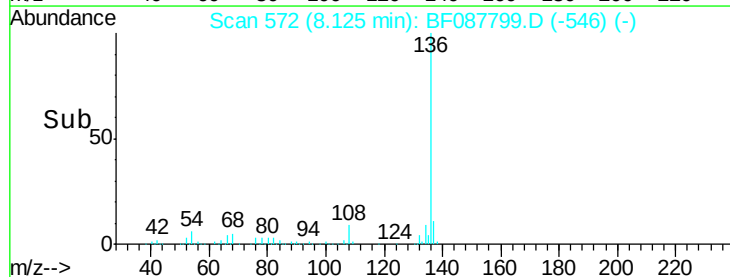
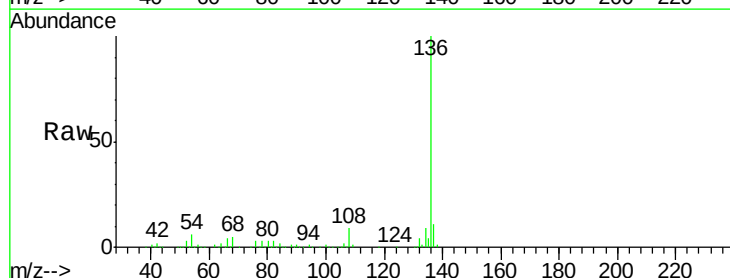
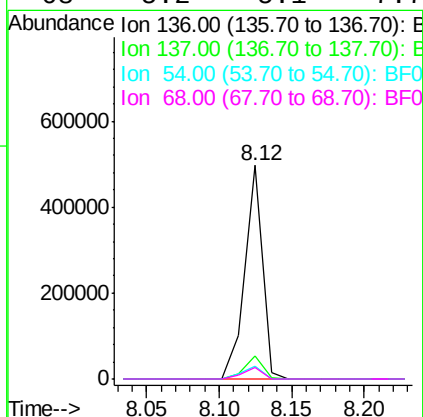
RT: 8.12 min Scan# 572

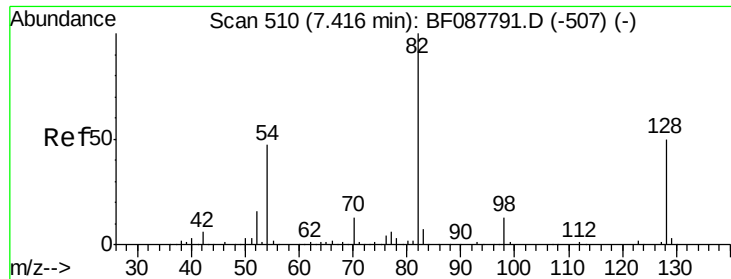
Delta R.T. 0.00 min

Lab File: BF087799.D

Acq: 7 Jun 2016 21:50

Tgt Ion:	136	Resp:	423727
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.1	13.7
54	6.3	6.6	10.0#
68	5.2	5.1	7.7





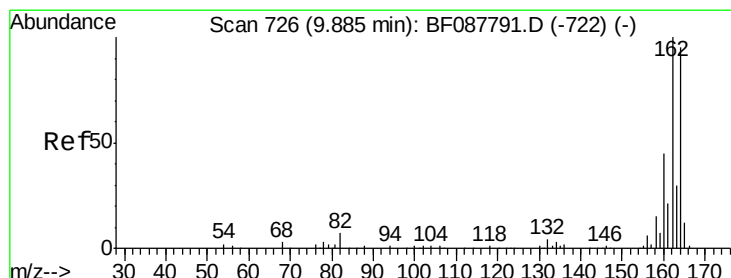
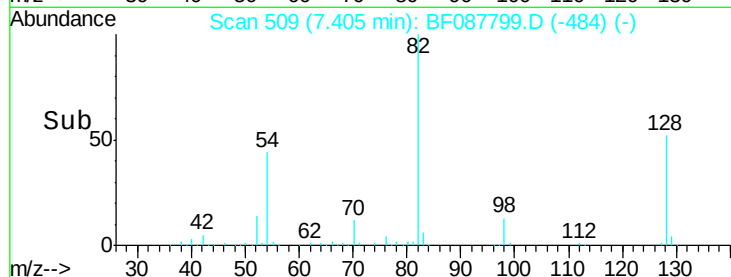
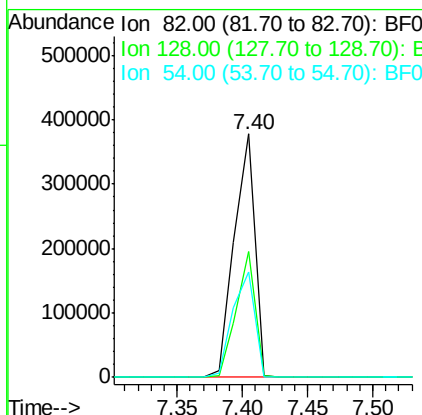
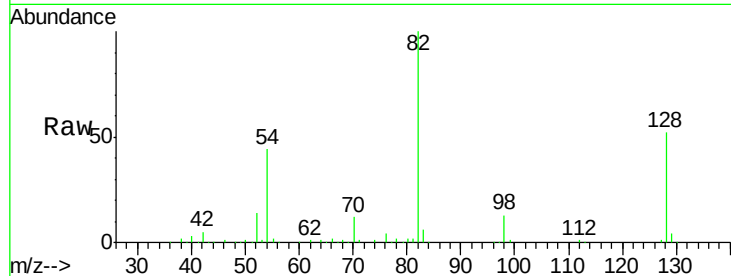
#23
Nitrobenzene-d5
Concen: 56.97 ng
RT: 7.40 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF087799.D
Acq: 7 Jun 2016 21:50

Instrument :
BNA_F
ClientSampled :
SS-1

Tot Ion	82	Resp	413429
Ion Ratio	100	Lower	Upper
128	51.7	35.9	53.9
54	43.5	40.9	61.3

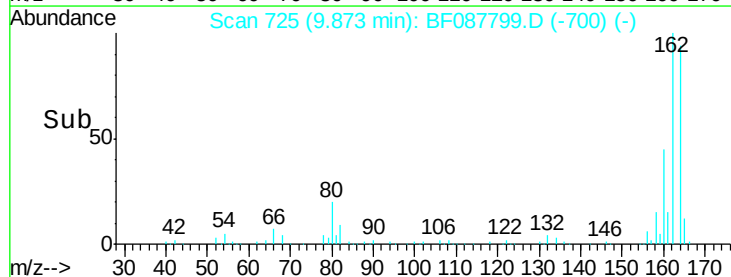
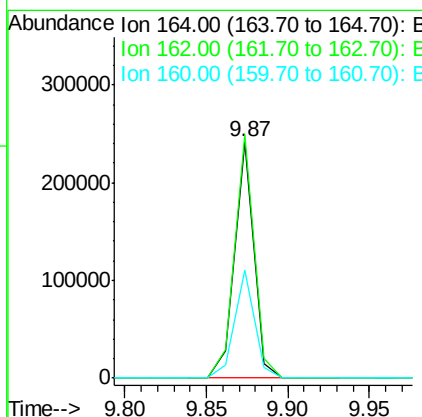
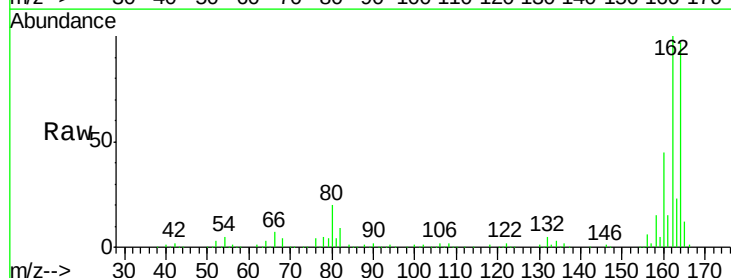
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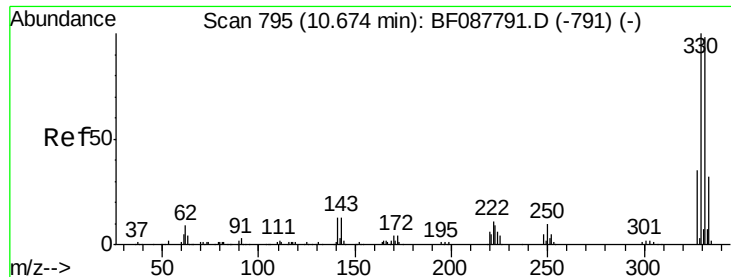
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF087799.D
Acq: 7 Jun 2016 21:50

Tgt Ion	164	Resp	196048
Ion Ratio	100	Lower	Upper
162	103.2	85.4	128.2
160	45.9	39.5	59.3





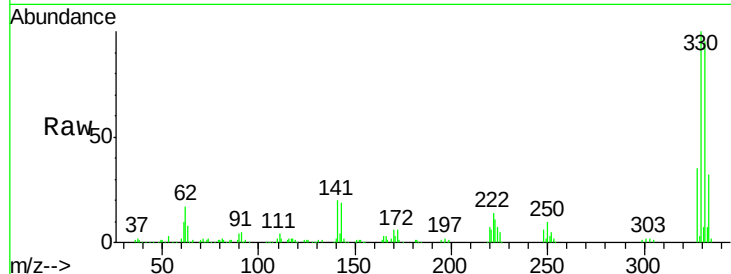
#41
 2,4,6-Tribromophenol
 Concen: 83.45 ng
 RT: 10.66 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF087799.D
 Acq: 7 Jun 2016 21:50

Instrument :
 BNA_F
 ClientSampled :
 SS-1

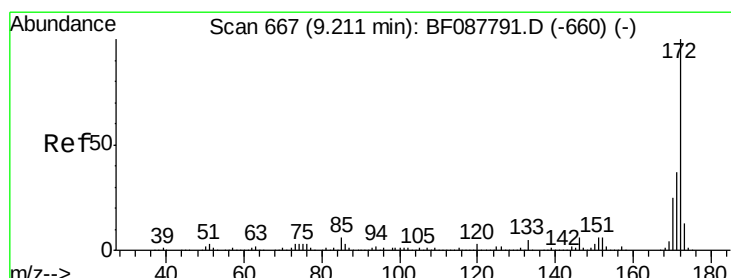
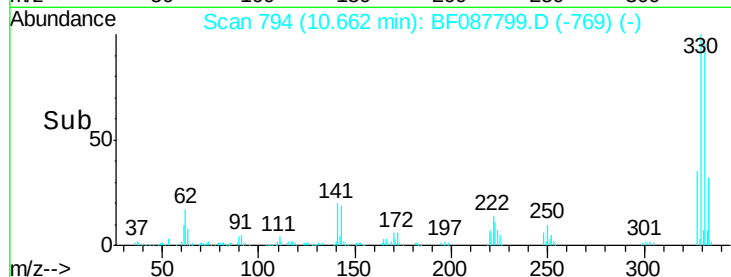
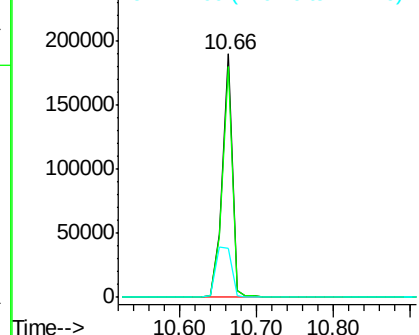
Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	94.9	0.0	0.0#
141	32.3	0.0	0.0#

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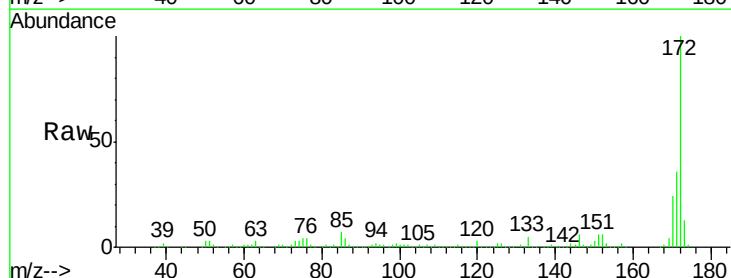


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

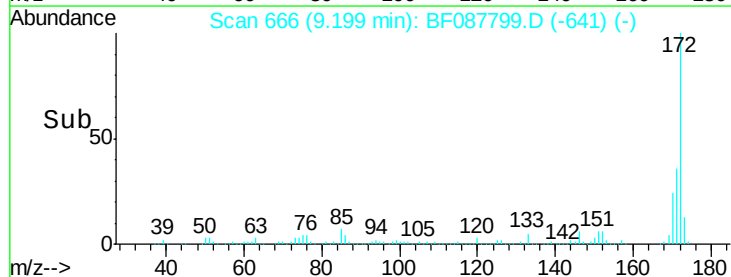
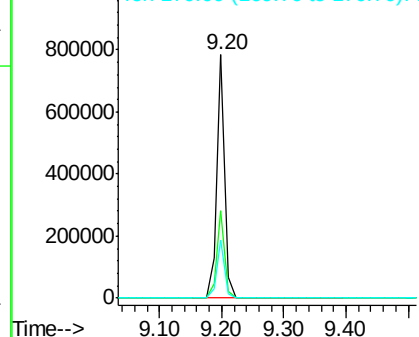


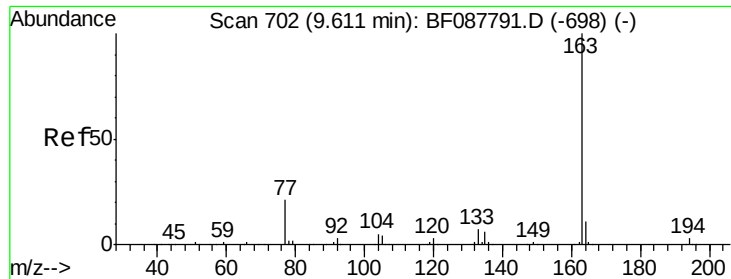
#44
 2-Fluorobiphenyl
 Concen: 52.65 ng
 RT: 9.20 min Scan# 666
 Delta R.T. -0.01 min
 Lab File: BF087799.D
 Acq: 7 Jun 2016 21:50

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	36.0	28.6	43.0
170	24.0	19.2	28.8



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





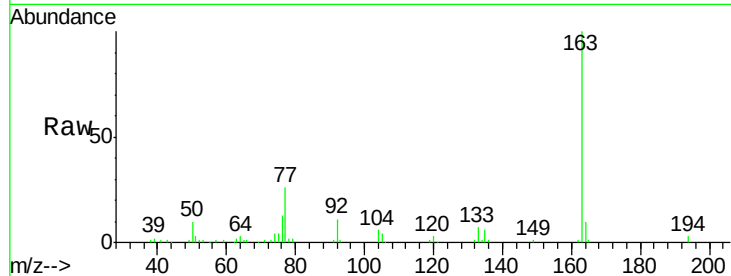
#49
Dimethylphthalate
Concen: 7.19 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.02 min
Lab File: BF087799.D
Acq: 7 Jun 2016 21:50

Instrument :
BNA_F
ClientSampled :
SS-1

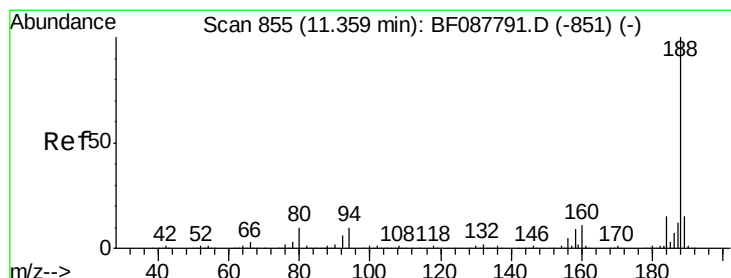
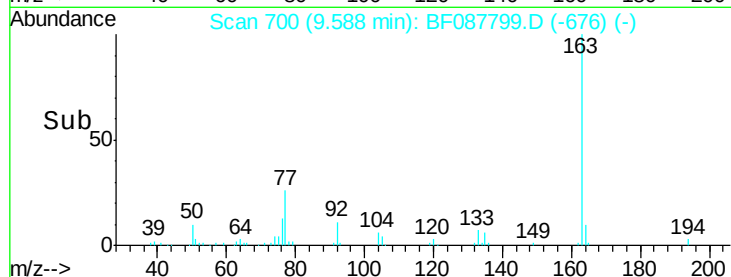
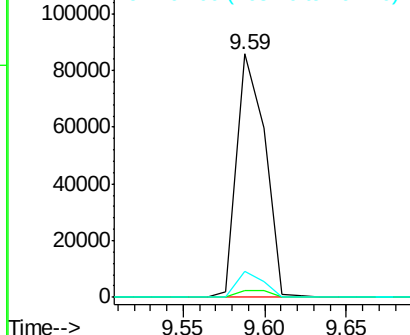
Tot Ion	Ratio	Resp	Lower	Upper
163	100	102177		
194	2.9		2.8	4.2
164	10.4		8.3	12.5

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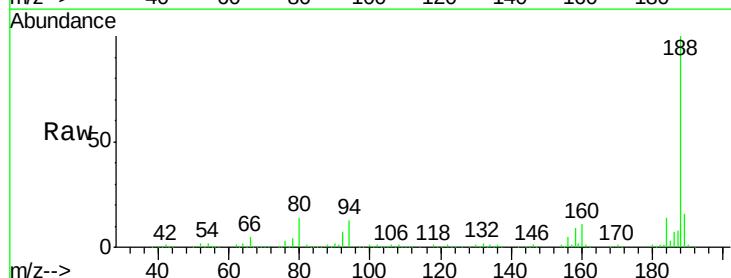


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

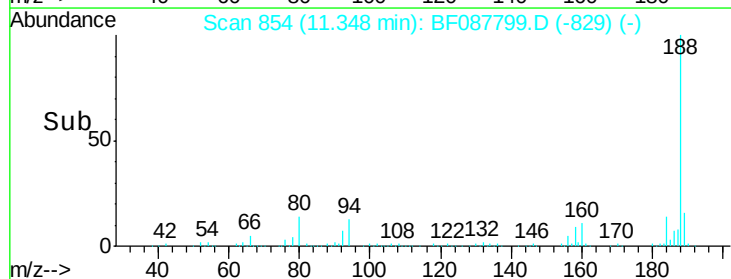
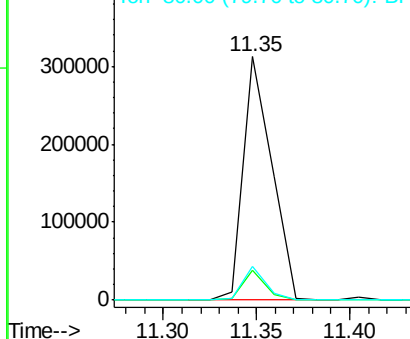


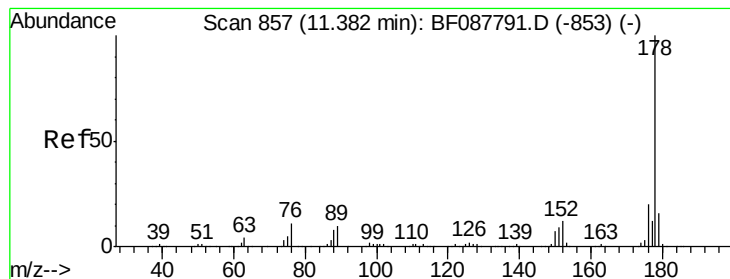
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF087799.D
Acq: 7 Jun 2016 21:50

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	331907		
94	12.5		9.0	13.6
80	14.0		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: 7.02 ng

RT: 11.37 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF087799.D

Acq: 7 Jun 2016 21:50

Instrument :

BNA_F

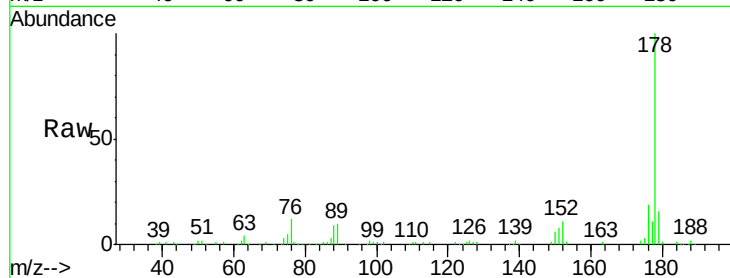
ClientSampleId :

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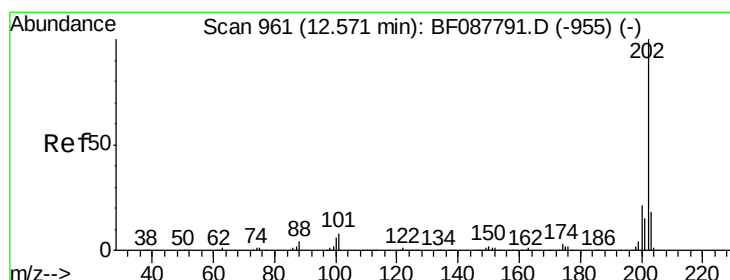
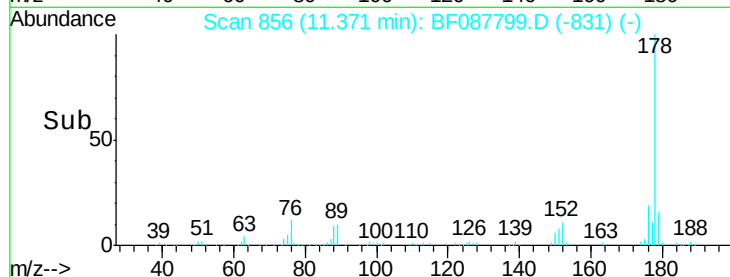
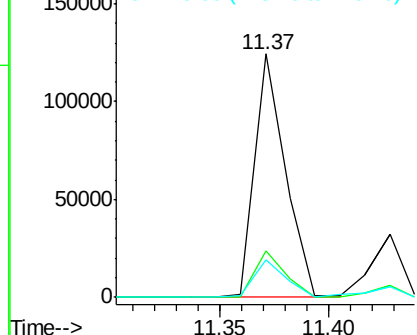
Tot Ion:	178	Resp:	122220
Ion Ratio	Lower	Upper	
178	100		
176	19.1	15.8	23.6
179	15.6	13.0	19.4

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 10.93 ng

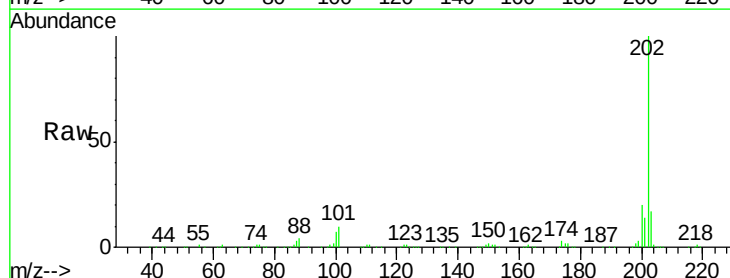
RT: 12.56 min Scan# 960

Delta R.T. -0.01 min

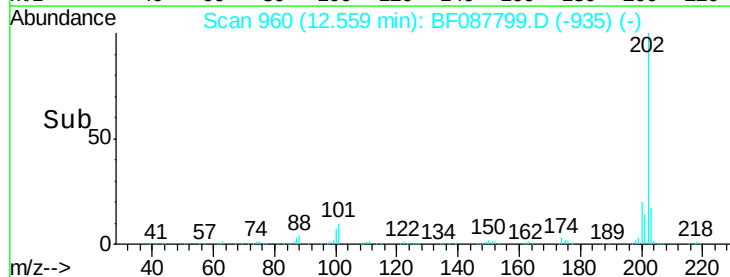
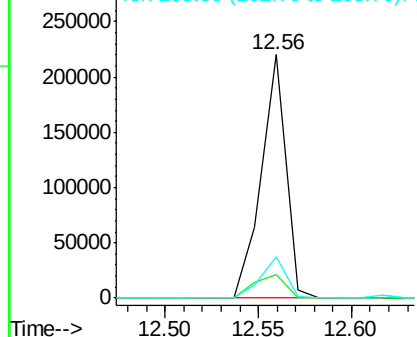
Lab File: BF087799.D

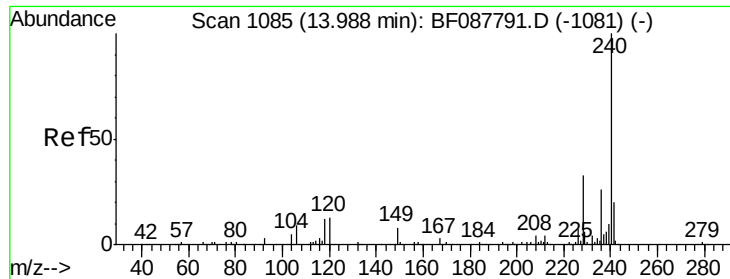
Acq: 7 Jun 2016 21:50

Tgt Ion:	202	Resp:	200943
Ion Ratio	Lower	Upper	
202	100		
101	9.6	0.0	33.1
203	17.1	0.0	38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.98 min Scan# 1084

Delta R.T. -0.01 min

Lab File: BF087799.D

Acq: 7 Jun 2016 21:50

Instrument :

BNA_F

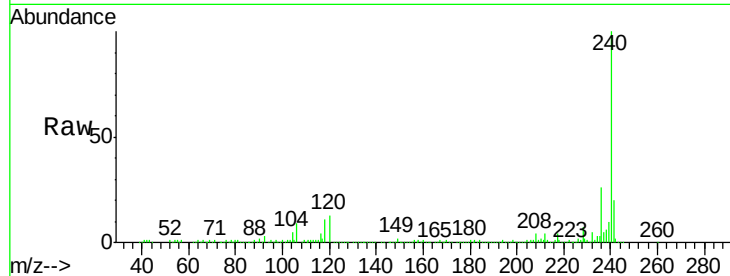
ClientSampled :

SS-1

Tot Ion	Ratio	Resp	Lower	Upper
240	100	237352		
120	12.8	6.8	10.2	
236	25.9	20.2	30.2	

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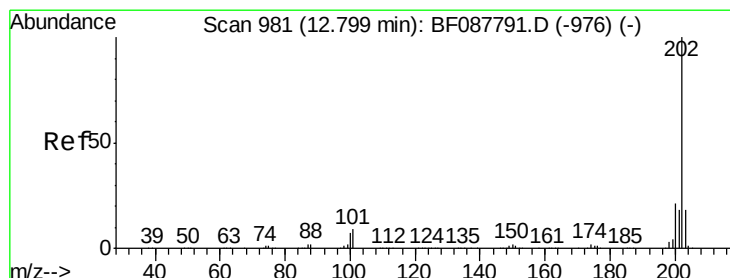
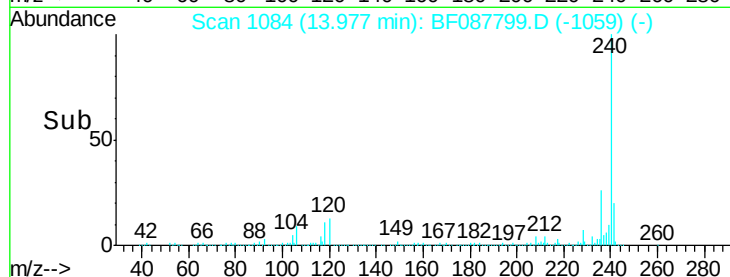
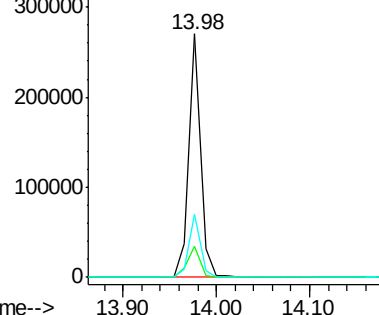
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 10.54 ng

RT: 12.79 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF087799.D

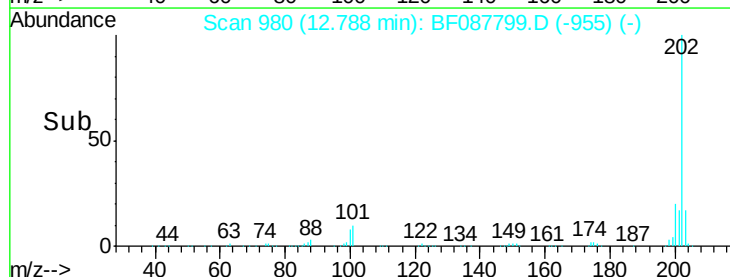
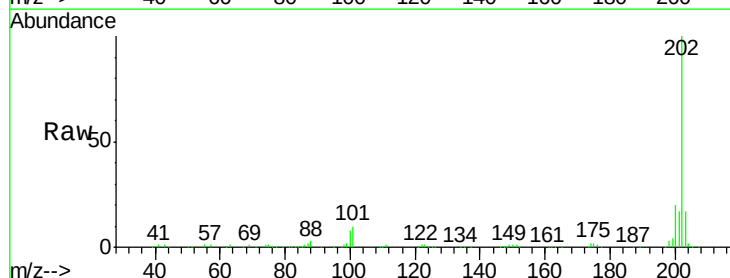
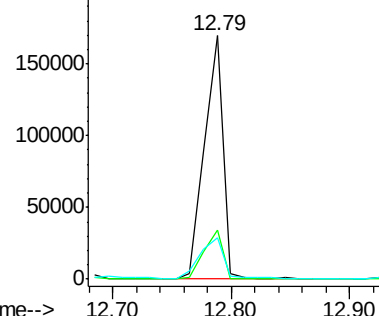
Acq: 7 Jun 2016 21:50

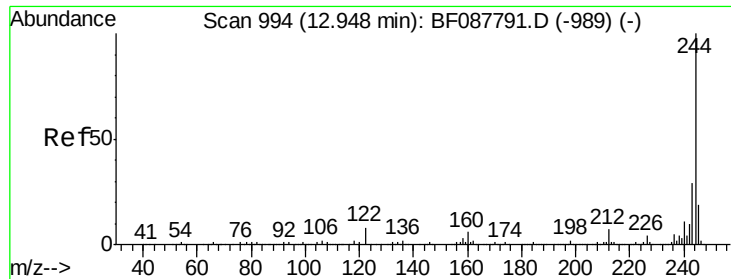
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	185638		
200	20.2	17.4	26.2	
203	17.1	14.5	21.7	

Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





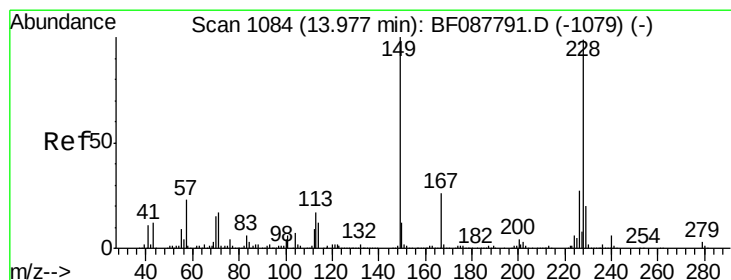
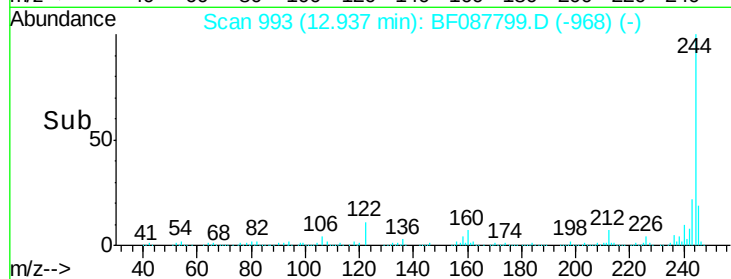
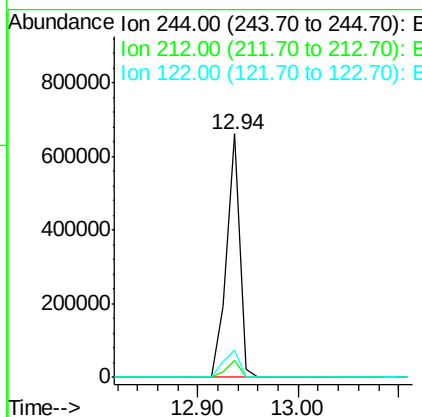
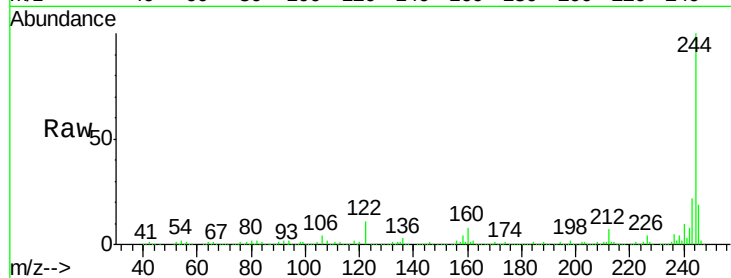
#78
 Terphenyl-d14
 Concen: 58.04 ng
 RT: 12.94 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BF087799.D
 Acq: 7 Jun 2016 21:50

Instrument :
 BNA_F
 ClientSampleId :
 SS-1

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	11.4	11.2	16.8

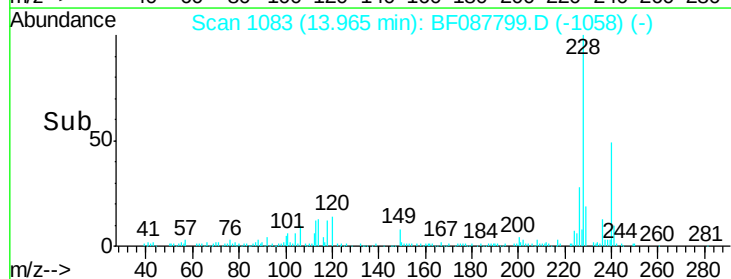
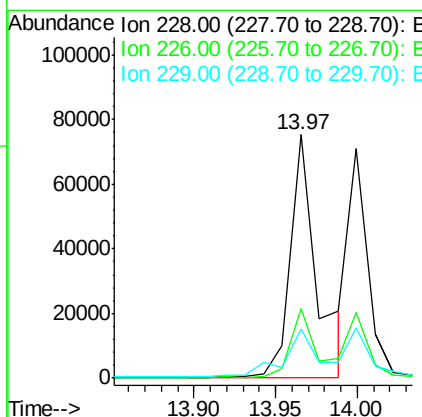
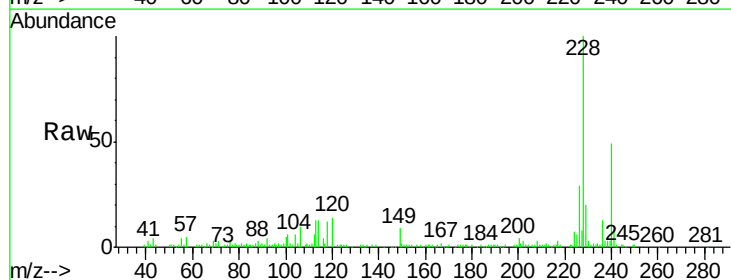
Manual Integrations
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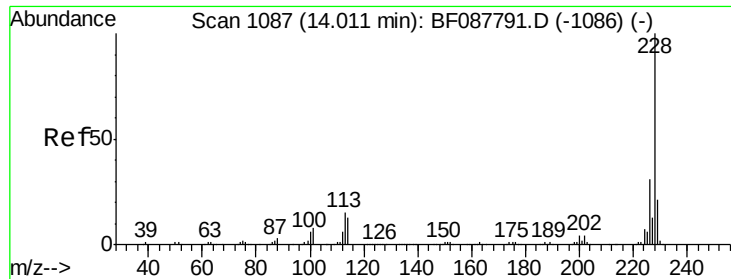
sohil
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#80
 Benzo(a)anthracene
 Concen: 6.43 ng
 RT: 13.97 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: BF087799.D
 Acq: 7 Jun 2016 21:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.3	33.5
229	20.4	16.0	24.0





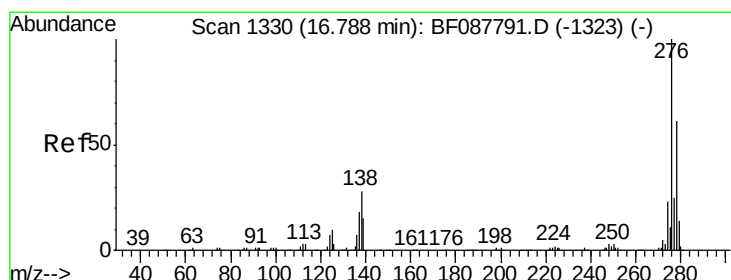
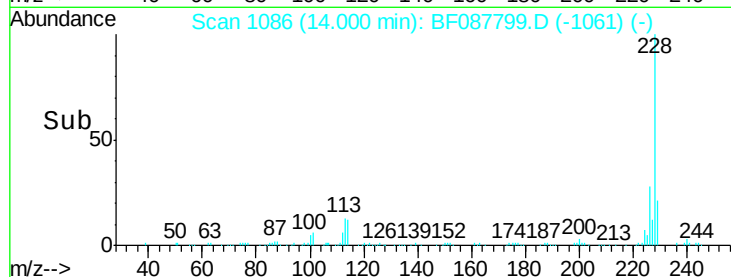
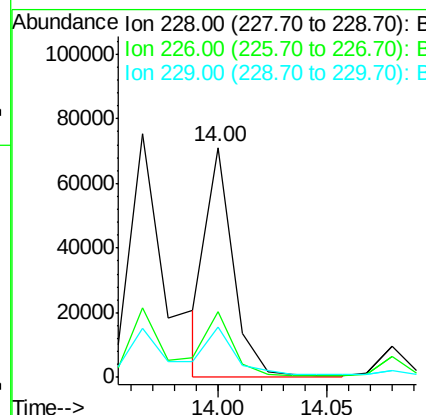
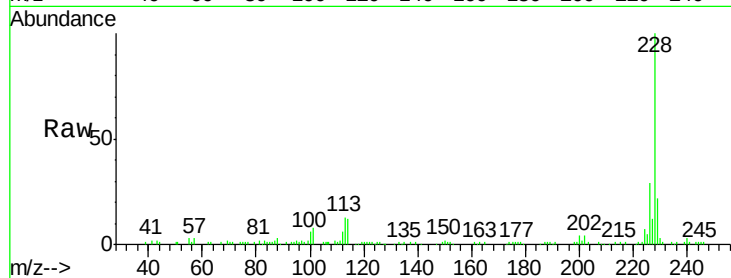
#82
Chrysene
Concen: 4.71 ng
RT: 14.00 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BF087799.D
Acq: 7 Jun 2016 21:50

Instrument :
BNA_F
ClientSampled :
SS-1

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.5	25.4	38.2
229	22.1	16.3	24.5

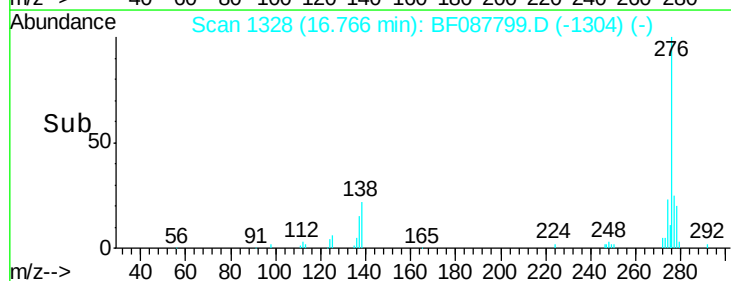
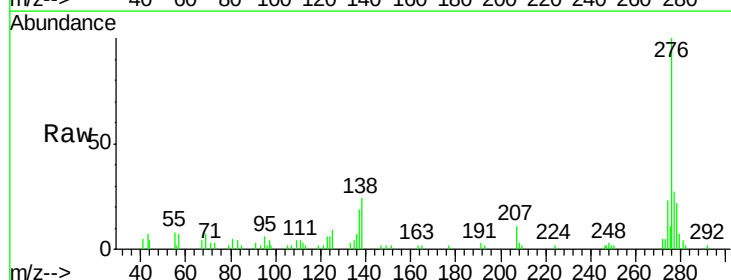
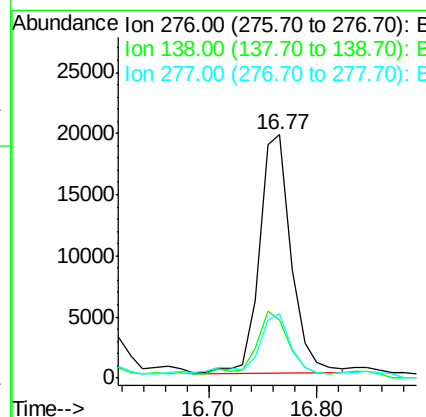
Manual Integrations
APPROVED

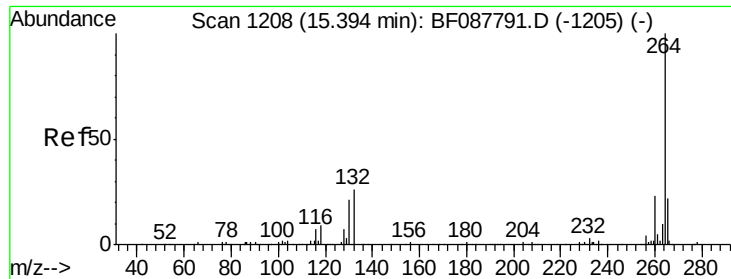
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#85
Indeno(1,2,3-cd)pyrene
Concen: 3.38 ng
RT: 16.77 min Scan# 1328
Delta R.T. -0.02 min
Lab File: BF087799.D
Acq: 7 Jun 2016 21:50

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.7	0.0	0.0#
277	30.8	0.0	0.0#





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.39 min Scan# 1208

Delta R.T. 0.00 min

Lab File: BF087799.D

Acq: 7 Jun 2016 21:50

Instrument :

BNA_F

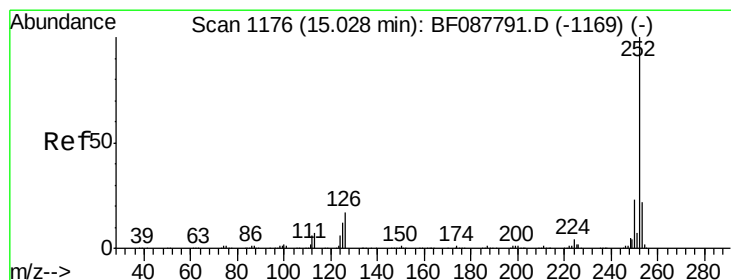
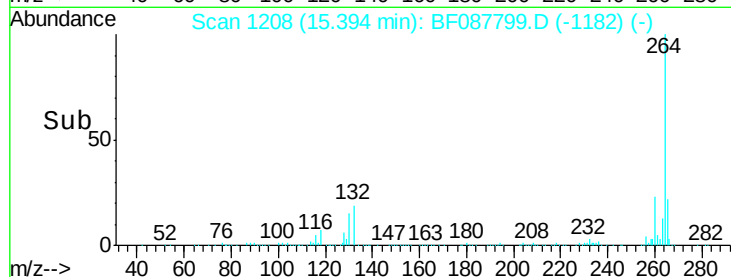
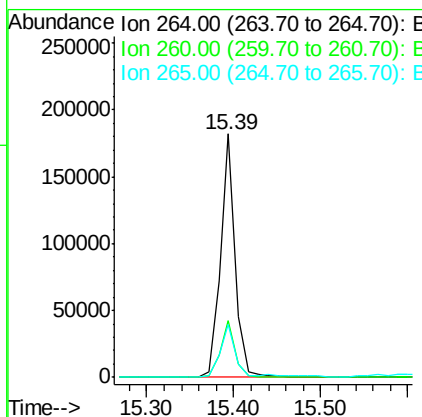
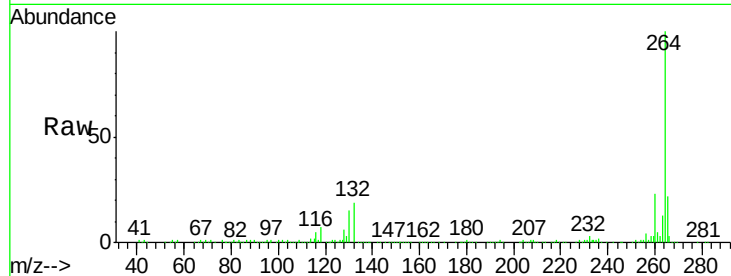
ClientSampled :

SS-1

Tot Ion:	264	Resp:	216049
Ion Ratio	Lower	Upper	
264	100		
260	23.1	19.2	28.8
265	21.7	16.9	25.3

Manual Integrations
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#87

Benzo(b)fluoranthene

Concen: 6.12 ng m

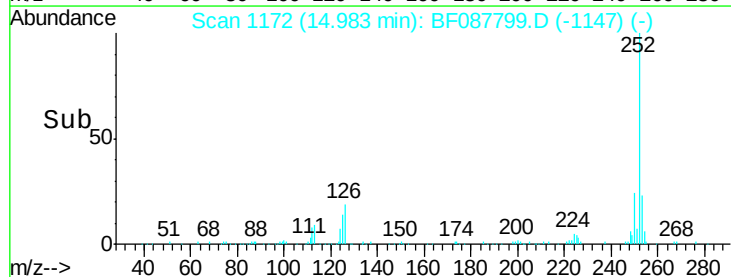
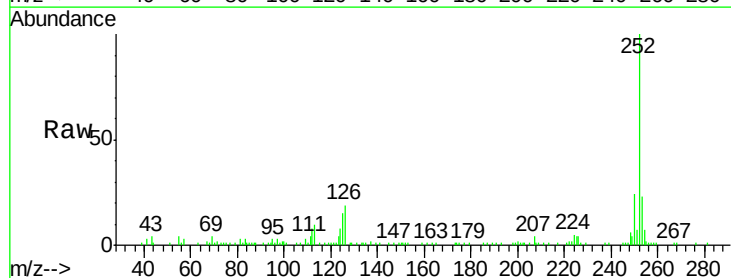
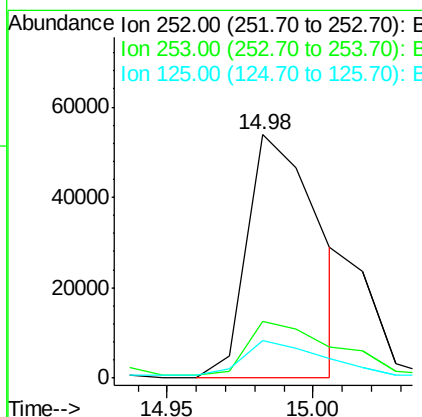
RT: 14.98 min Scan# 1172

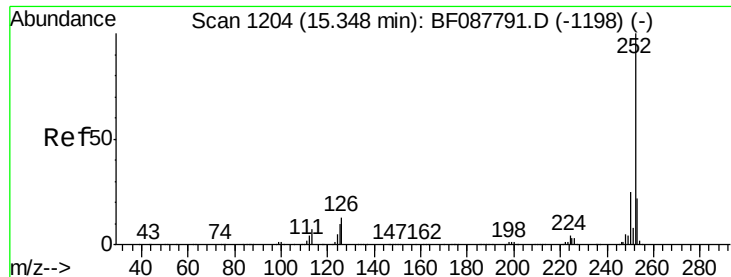
Delta R.T. -0.01 min

Lab File: BF087799.D

Acq: 7 Jun 2016 21:50

Tgt Ion:	252	Resp:	92160
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.4	26.2
125	15.5	7.1	10.7#





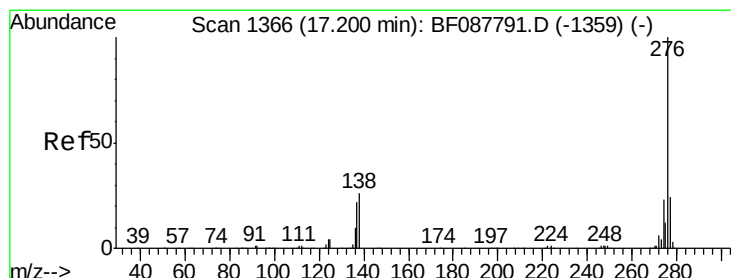
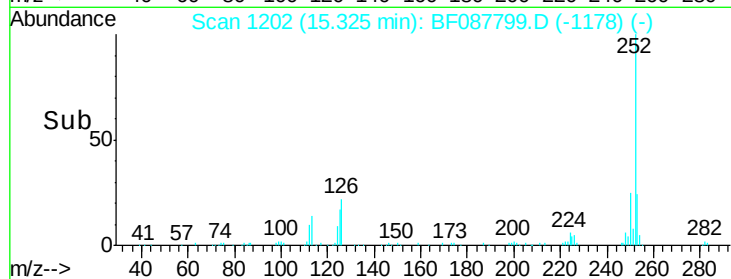
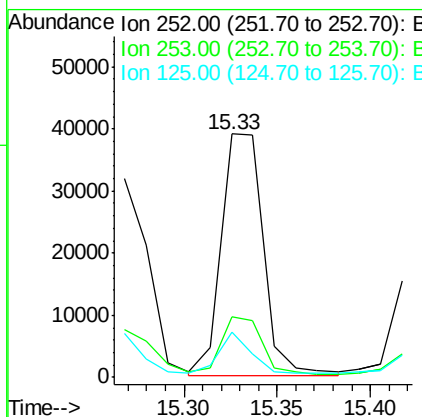
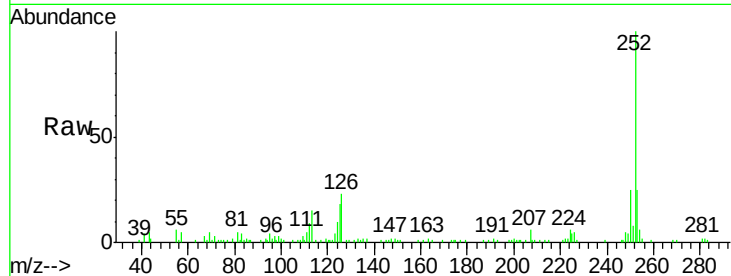
#89
Benzo(a)pyrene
Concen: 5.02 ng
RT: 15.33 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BF087799.D
Acq: 7 Jun 2016 21:50

Instrument :
BNA_F
ClientSampleId :
SS-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.9	26.9
125	18.3	12.5	18.7

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 3.61 ng
RT: 17.18 min Scan# 1364
Delta R.T. -0.02 min
Lab File: BF087799.D
Acq: 7 Jun 2016 21:50

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.9	28.3
138	23.4	21.4	32.2

