

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060716\
 Data File : BF087803.D
 Acq On : 7 Jun 2016 23:48
 Operator : UM/SJ
 Sample : H3379-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-6

Manual Integrations
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Quant Time: Jun 08 05:21:06 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 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	100400	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	408689	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	171880	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	274332	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	205664	20.00	ng	-0.01
86) Perylene-d12	15.39	264	206027	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	547918	93.30	ng	0.01
7) Phenol-d6	6.48	99	779777	109.56	ng	0.00
23) Nitrobenzene-d5	7.40	82	455326	65.06	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	146854	80.92	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	722625	64.72	ng	-0.01
78) Terphenyl-d14	12.94	244	536672	59.38	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.60	163	103278	8.29	ng	98
70) Phenanthrene	11.37	178	52478	3.65	ng	99
74) Fluoranthene	12.56	202	72935	4.80	ng	95
77) Pyrene	12.79	202	62226	4.08	ng	98
80) Benzo(a)anthracene	13.97	228	34306	2.93	ng	97
82) Chrysene	14.00	228	23799m	2.16	ng	
87) Benzo(b)fluoranthene	14.99	252	39178m	2.73	ng	
89) Benzo(a)pyrene	15.34	252	27894	2.40	ng	99

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

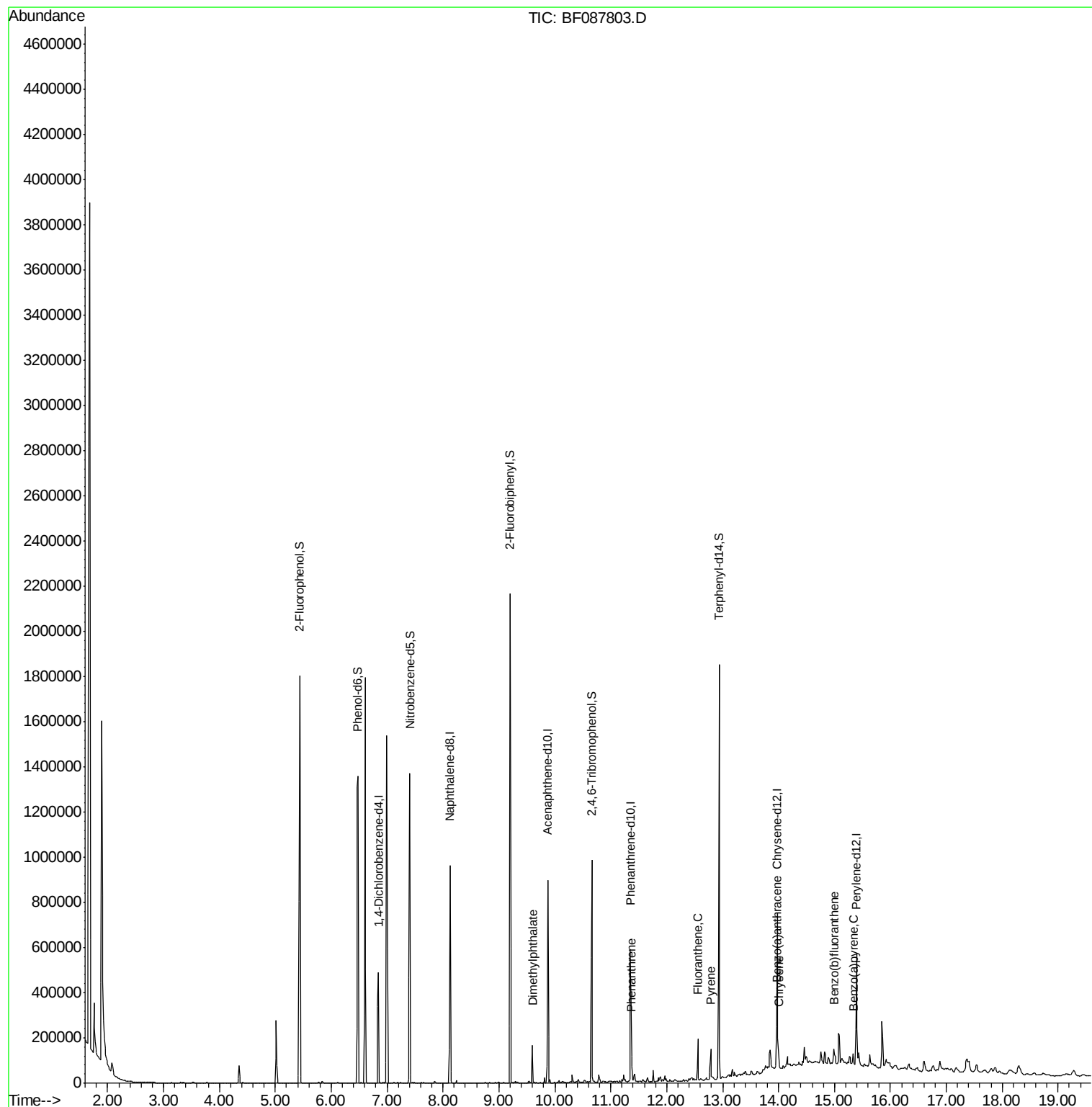
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060716\
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Misc :
ALS Vial : 18 Sample Multiplier: 1

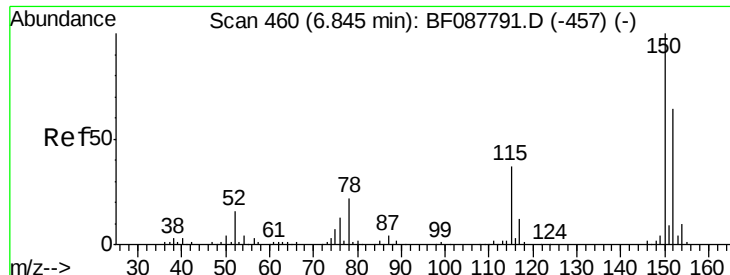
Instrument :
BNA_F
ClientSampleId :
SS-6

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Quant Time: Jun 08 05:21:06 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

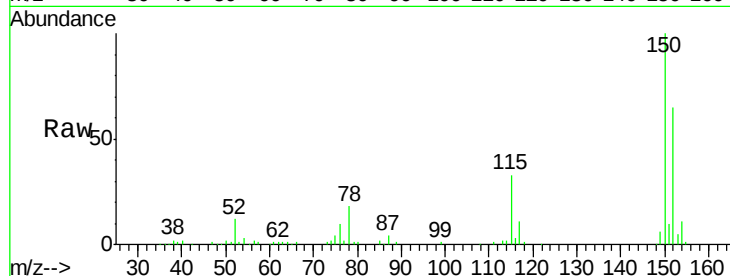
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 460
Delta R.T. -0.00 min
Lab File: BF087803.D
Acq: 7 Jun 2016 23:48

Instrument :
BNA_F
ClientSampleId :
SS-6

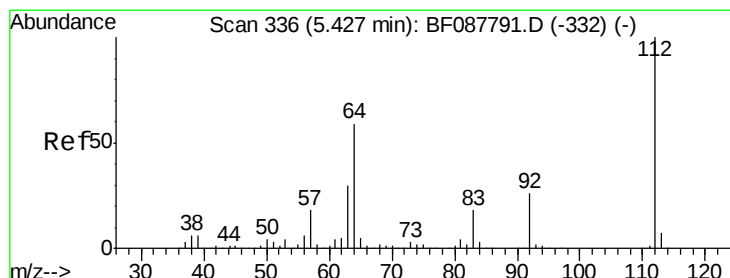
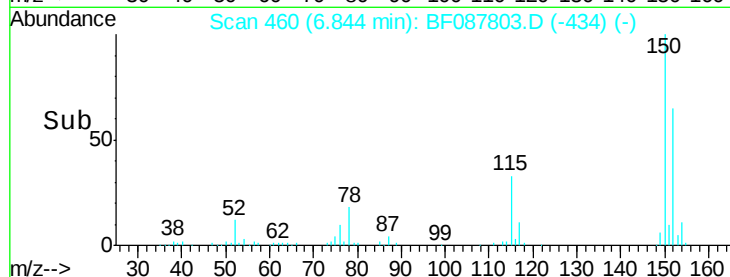
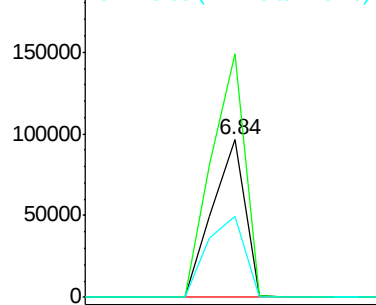
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	123.8	185.6
115	51.4	39.6	59.4

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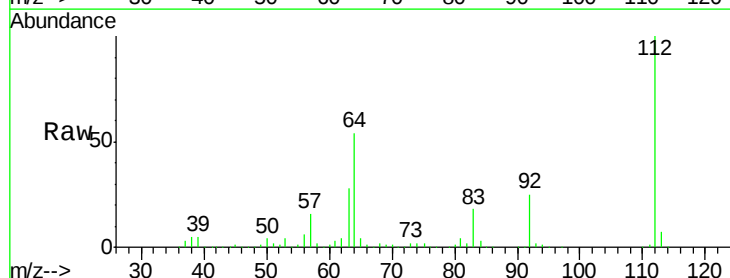
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



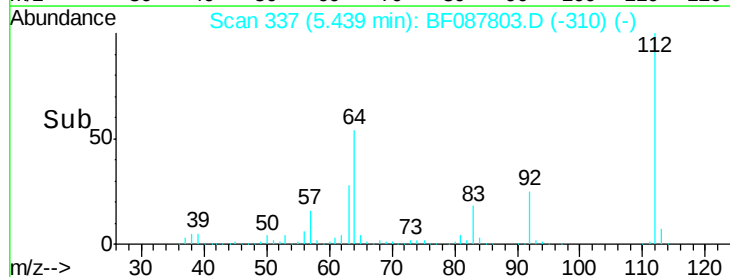
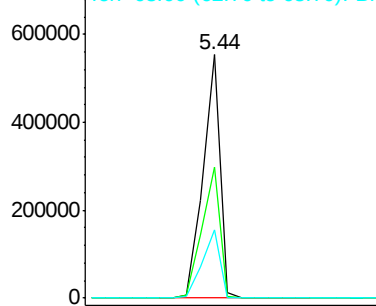
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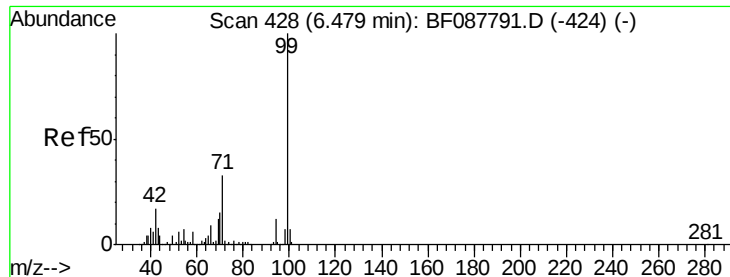
2-Fluorophenol
Concen: 93.30 ng
RT: 5.44 min Scan# 337
Delta R.T. 0.01 min
Lab File: BF087803.D
Acq: 7 Jun 2016 23:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.8	42.2	63.2
63	28.0	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: 109.56 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.00 min

Lab File: BF087803.D

Acq: 7 Jun 2016 23:48

Instrument :

BNA_F

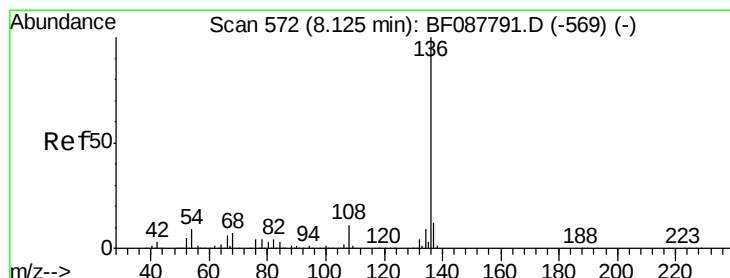
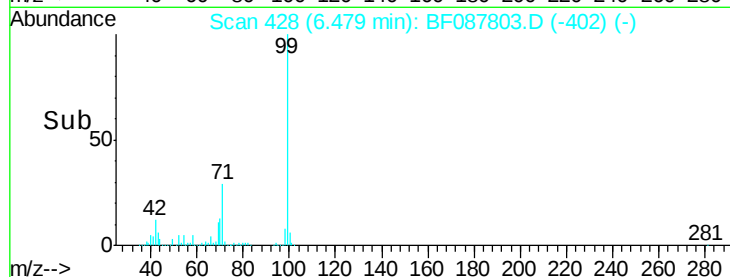
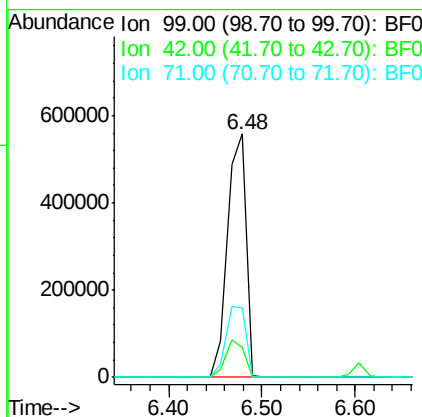
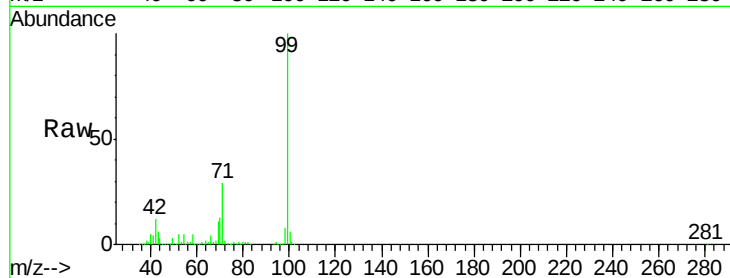
ClientSampleId :

SS-6

Tot Ion:	99	Resp:	779777
Ion Ratio	Lower	Upper	
99	100		
42	12.2	12.2	18.2
71	28.6	23.4	35.0

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#21

Naphthalene-d8

Concen: 20.00 ng

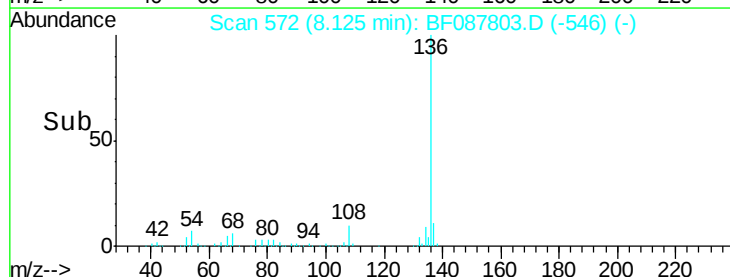
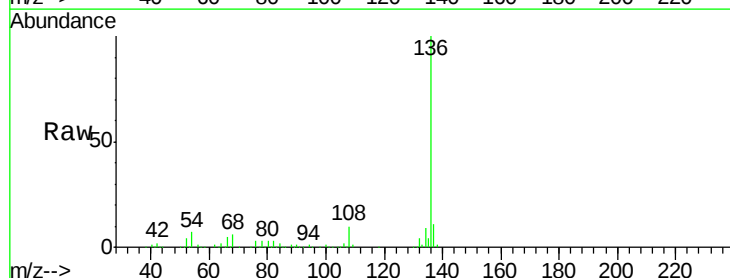
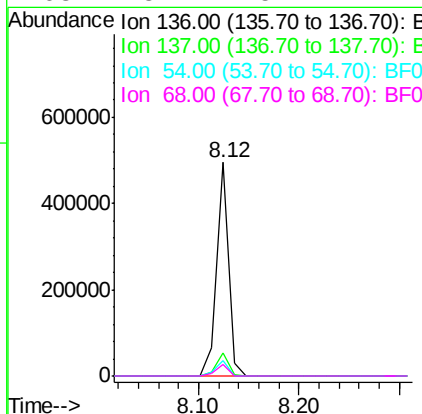
RT: 8.12 min Scan# 572

Delta R.T. -0.00 min

Lab File: BF087803.D

Acq: 7 Jun 2016 23:48

Tgt Ion:	136	Resp:	408689
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.1	13.7
54	7.1	6.6	10.0
68	5.7	5.1	7.7





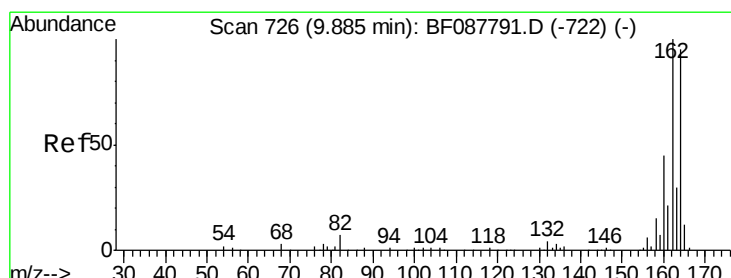
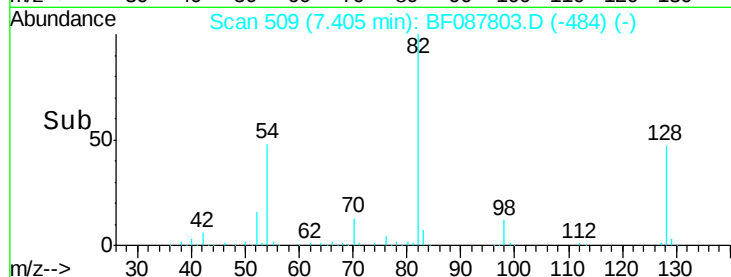
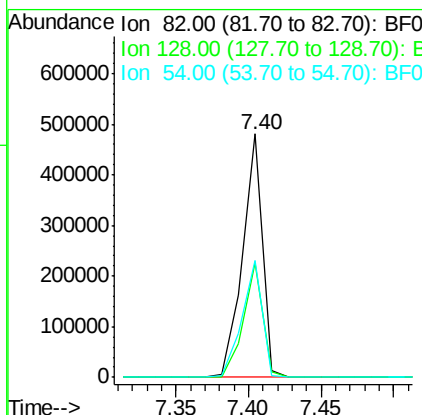
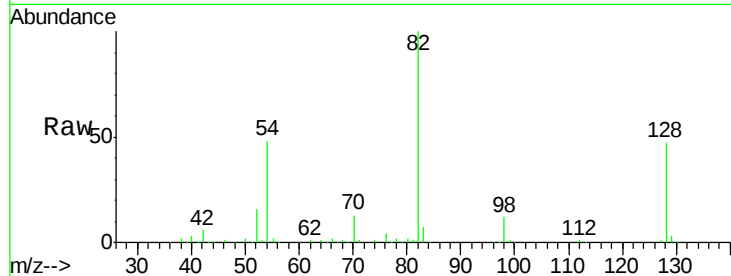
#23
 Nitrobenzene-d5
 Concen: 65.06 ng
 RT: 7.40 min Scan# 509
 Delta R.T. -0.01 min
 Lab File: BF087803.D
 Acq: 7 Jun 2016 23:48

Instrument :
 BNA_F
 ClientSampleId :
 SS-6

Tot Ion	Ratio	Resp	Lower	Upper
82	100	455326		
128	47.0		35.9	53.9
54	47.9		40.9	61.3

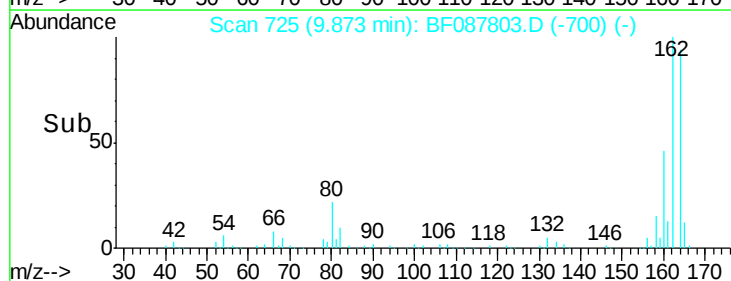
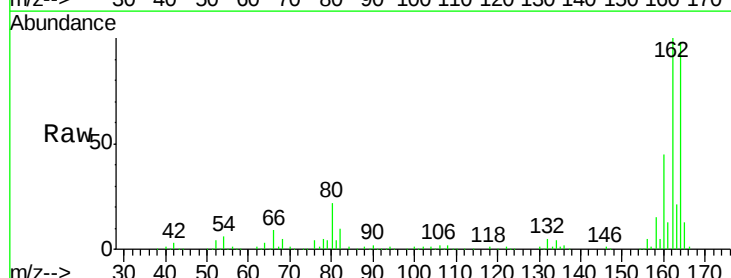
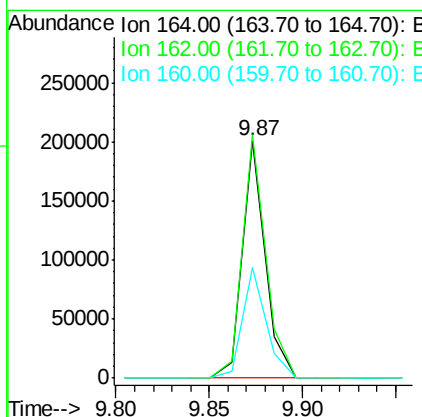
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 725
 Delta R.T. -0.01 min
 Lab File: BF087803.D
 Acq: 7 Jun 2016 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	171880		
162	102.4		85.4	128.2
160	46.6		39.5	59.3





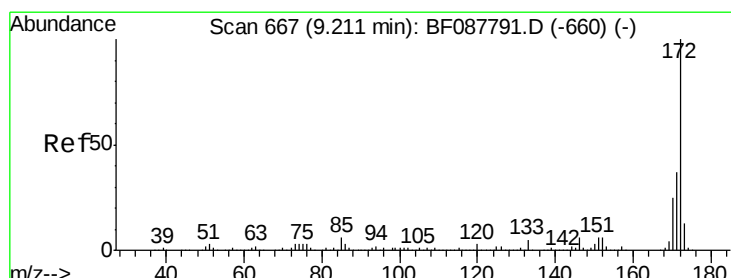
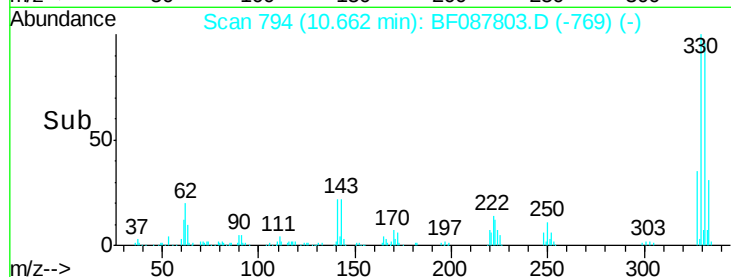
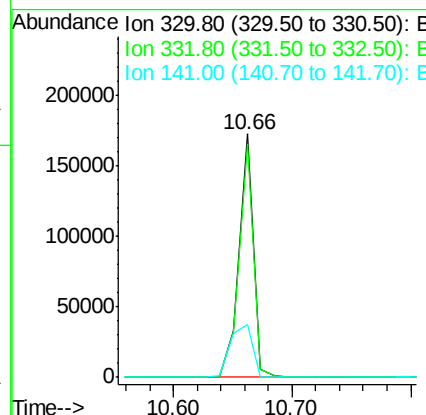
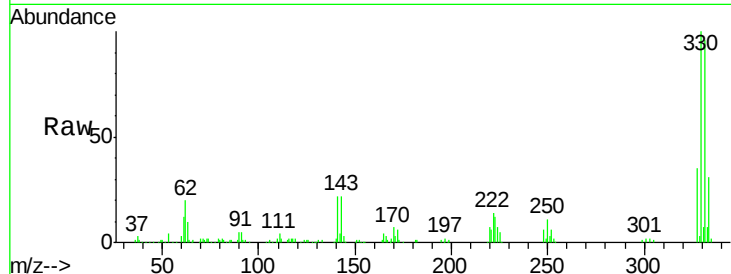
#41
 2,4,6-Tribromophenol
 Concen: 80.92 ng
 RT: 10.66 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF087803.D
 Acq: 7 Jun 2016 23:48

Instrument :
 BNA_F
 ClientSampleId :
 SS-6

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	32.9	0.0	0.0#

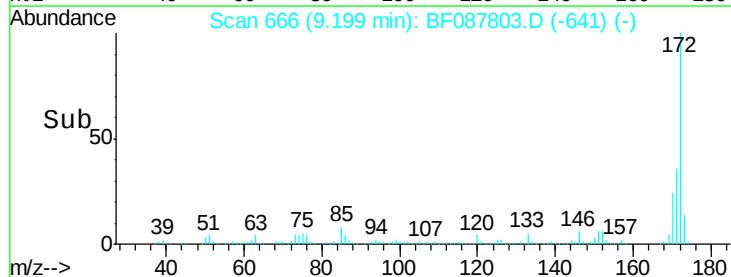
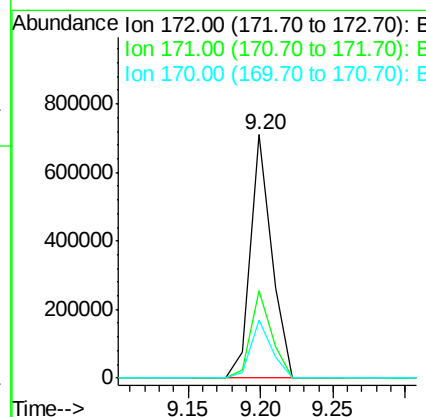
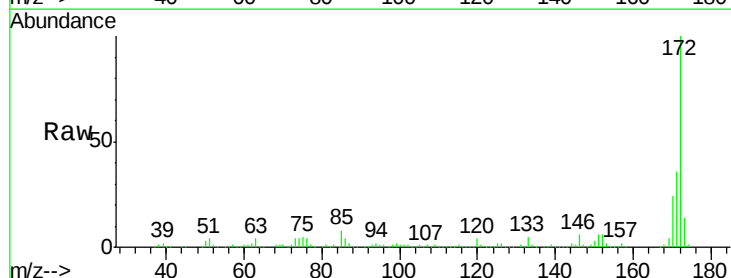
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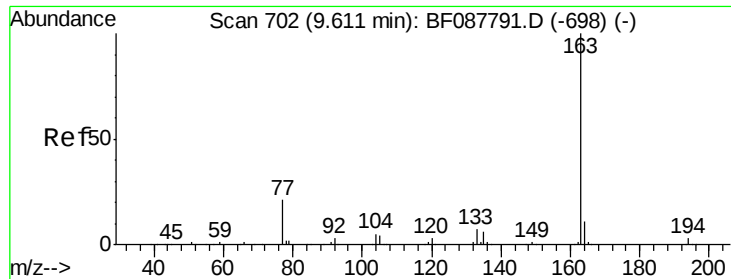
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#44
 2-Fluorobiphenyl
 Concen: 64.72 ng
 RT: 9.20 min Scan# 666
 Delta R.T. -0.01 min
 Lab File: BF087803.D
 Acq: 7 Jun 2016 23:48

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	36.2	28.6	43.0
170	24.0	19.2	28.8





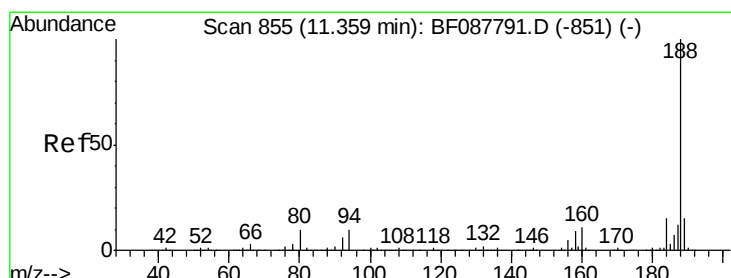
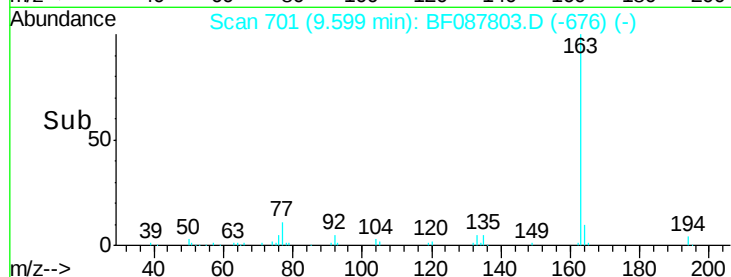
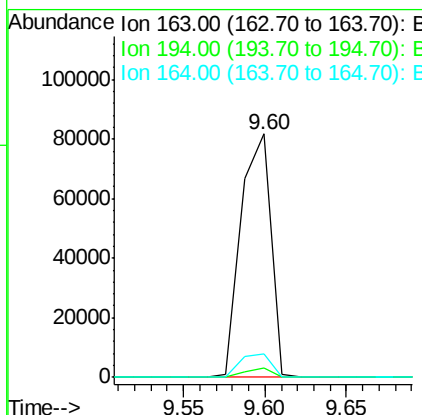
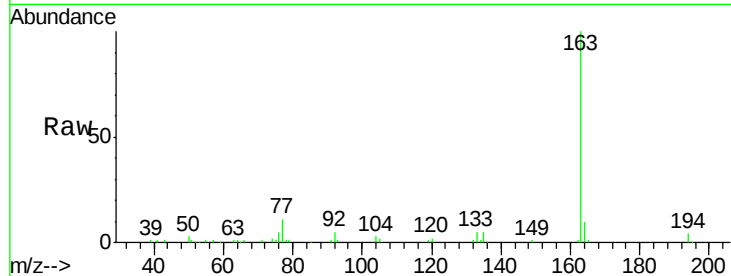
#49
Dimethylphthalate
Concen: 8.29 ng
RT: 9.60 min Scan# 701
Delta R.T. -0.01 min
Lab File: BF087803.D
Acq: 7 Jun 2016 23:48

Instrument :
BNA_F
ClientSampleId :
SS-6

Tot Ion	Ratio	Resp	Lower	Upper
163	100	103278		
194	4.0		2.8	4.2
164	9.5		8.3	12.5

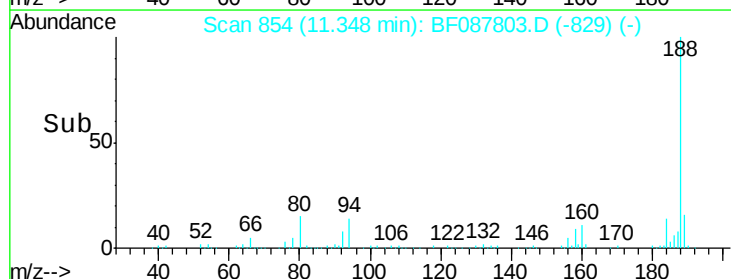
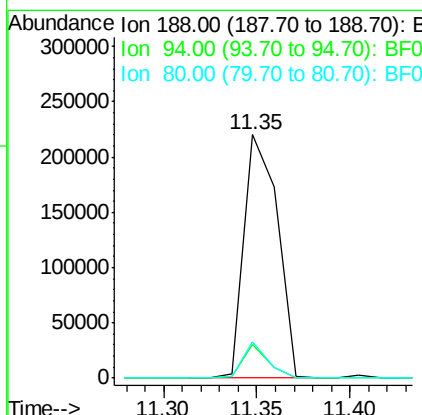
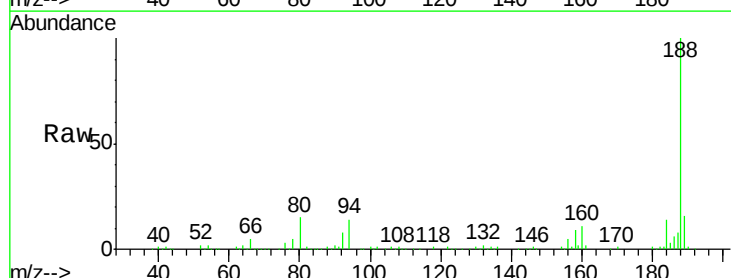
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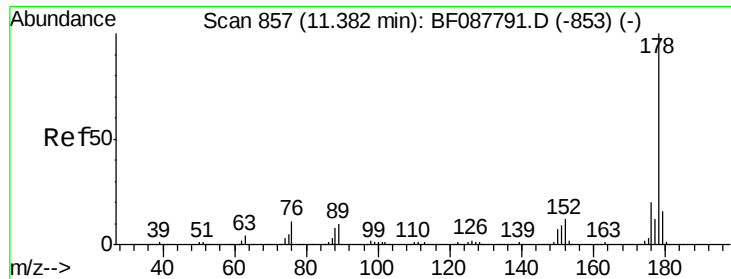
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF087803.D
Acq: 7 Jun 2016 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	274332		
94	13.9		9.0	13.6#
80	14.8		10.0	15.0





#70

Phenanthrene

Concen: 3.65 ng

RT: 11.37 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF087803.D

Acq: 7 Jun 2016 23:48

Instrument :

BNA_F

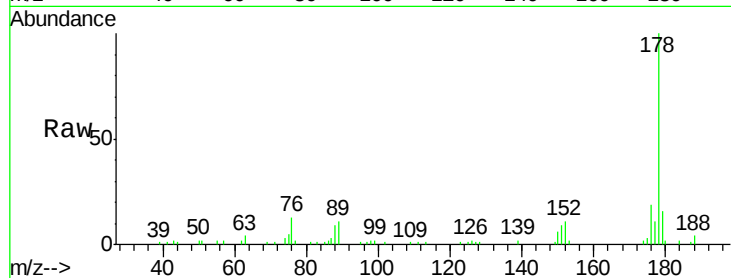
ClientSampled :

SS-6

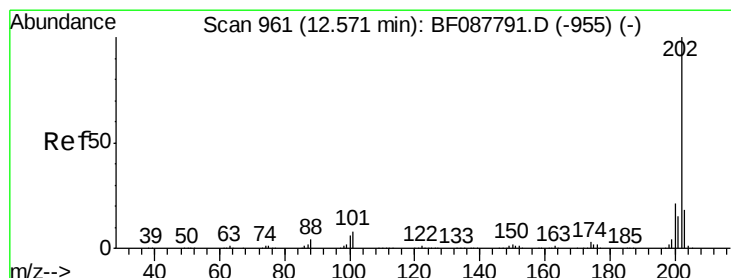
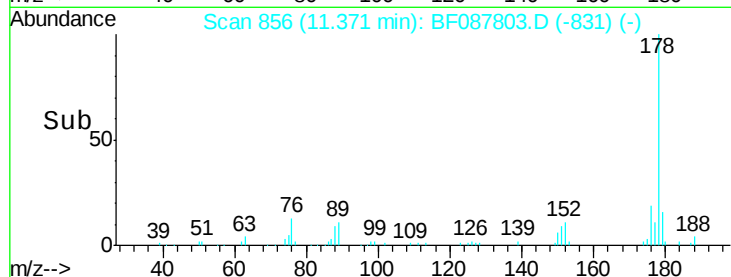
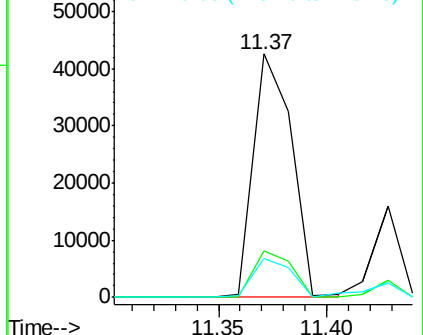
Tot Ion:	178	Resp:	52478
Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.6
179	16.0	13.0	19.4

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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: 4.80 ng

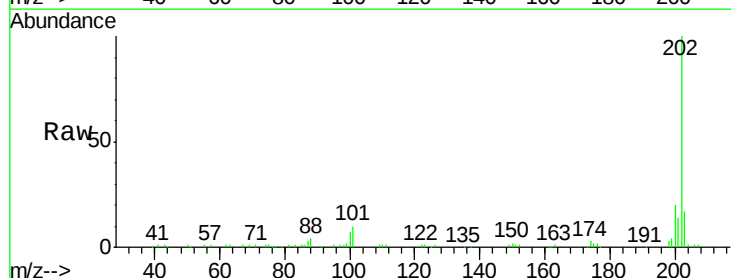
RT: 12.56 min Scan# 960

Delta R.T. -0.01 min

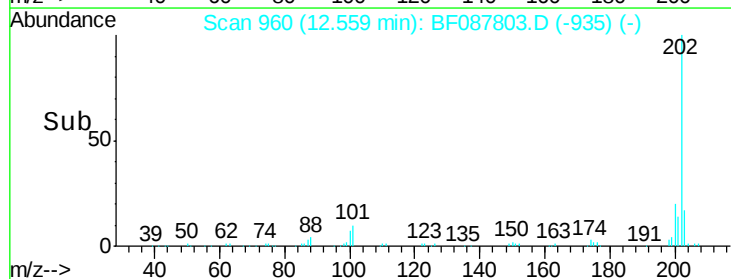
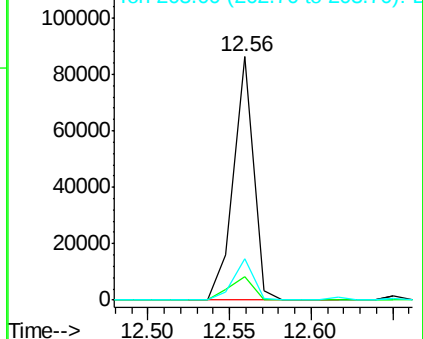
Lab File: BF087803.D

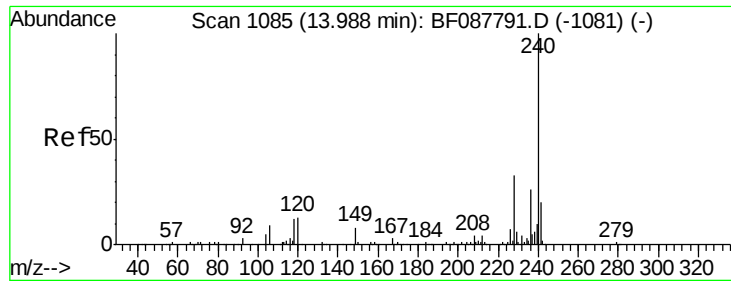
Acq: 7 Jun 2016 23:48

Tgt Ion:	202	Resp:	72935
Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	33.1
203	17.2	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: BF087803.D

Acq: 7 Jun 2016 23:48

Instrument :

BNA_F

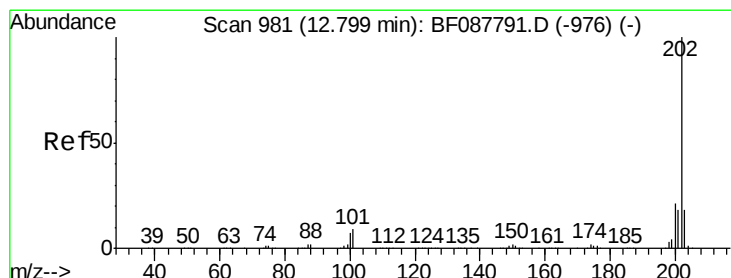
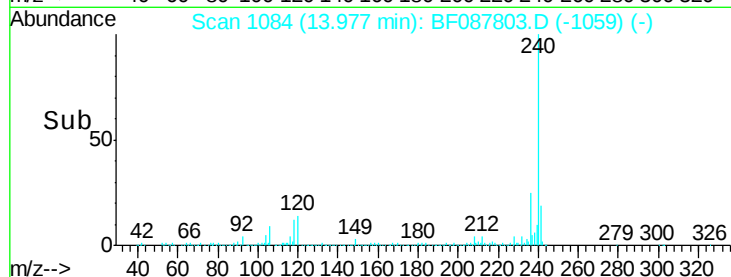
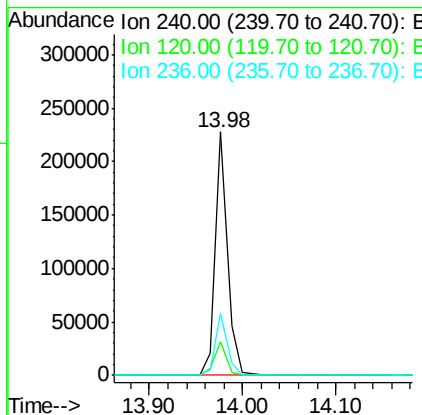
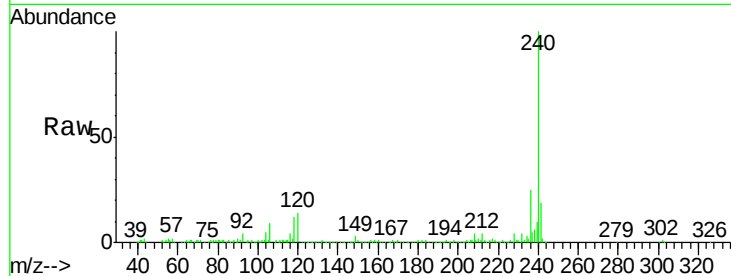
ClientSampleId :

SS-6

Tot Ion:	240	Resp:	205664
Ion Ratio	Lower	Upper	
240	100		
120	13.8	6.8	10.2#
236	25.5	20.2	30.2

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#77

Pyrene

Concen: 4.08 ng

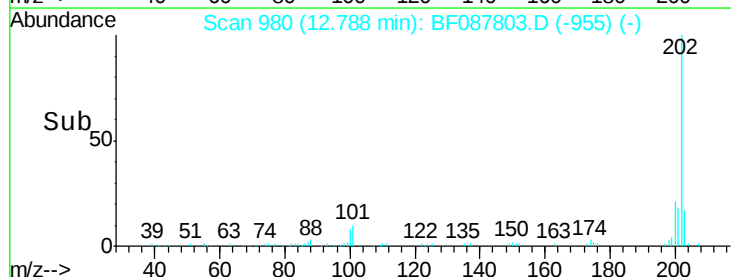
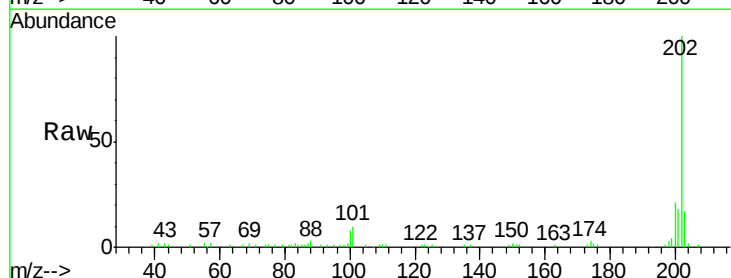
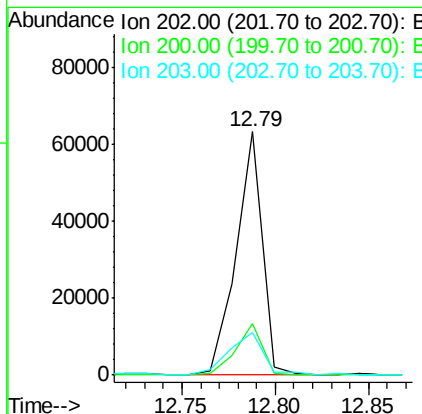
RT: 12.79 min Scan# 980

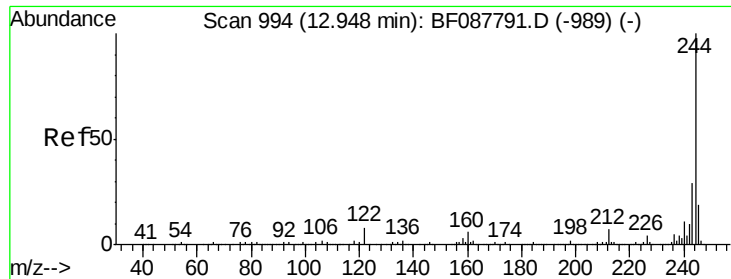
Delta R.T. -0.01 min

Lab File: BF087803.D

Acq: 7 Jun 2016 23:48

Tgt Ion:	202	Resp:	62226
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.4	26.2
203	17.3	14.5	21.7





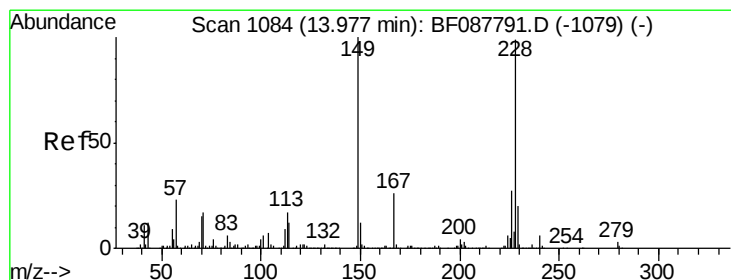
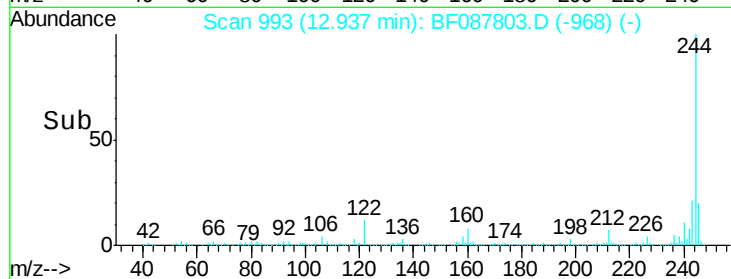
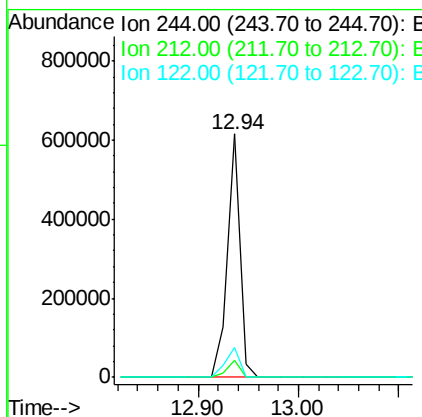
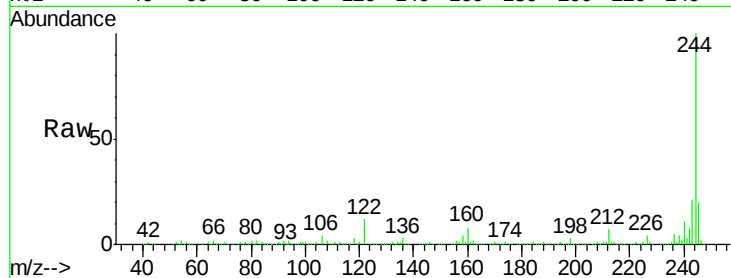
#78
 Terphenyl-d14
 Concen: 59.38 ng
 RT: 12.94 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BF087803.D
 Acq: 7 Jun 2016 23:48

Instrument :
 BNA_F
 ClientSampleId :
 SS-6

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	12.4	11.2	16.8

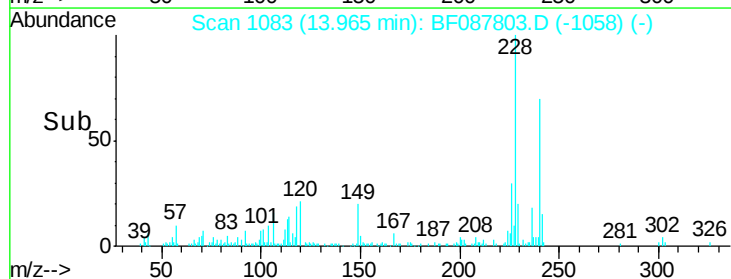
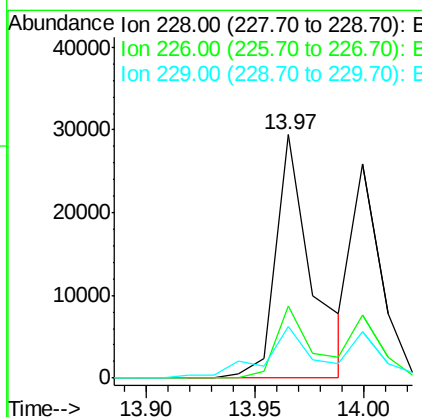
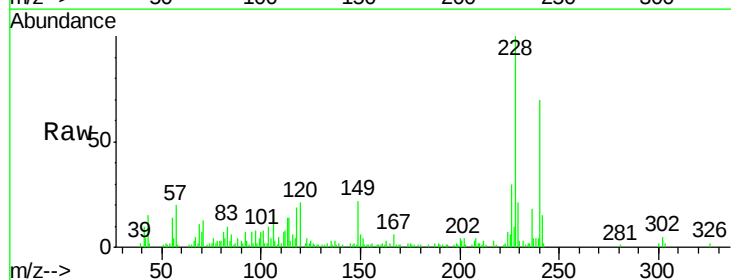
Manual Integrations
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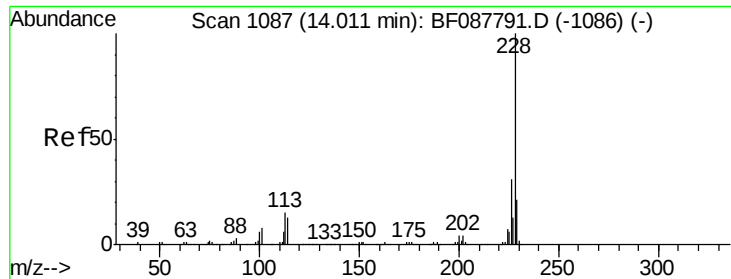
sohil
 6/8/2016 7:13:16 PM



#80
 Benzo(a)anthracene
 Concen: 2.93 ng
 RT: 13.97 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: BF087803.D
 Acq: 7 Jun 2016 23:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.3	33.5
229	21.1	16.0	24.0





#82

Chrysene

Concen: 2.16 ng/mL

RT: 14.00 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BF087803.D

Acq: 7 Jun 2016 23:48

Instrument :

BNA_F

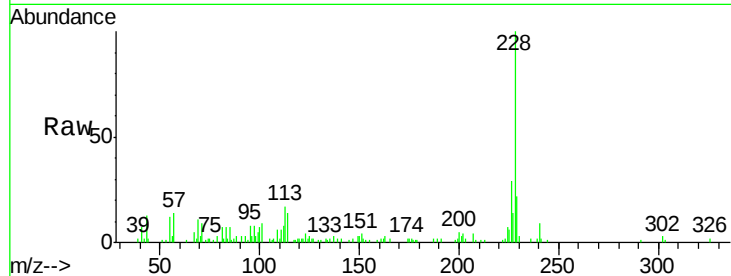
ClientSampleId :

SS-6

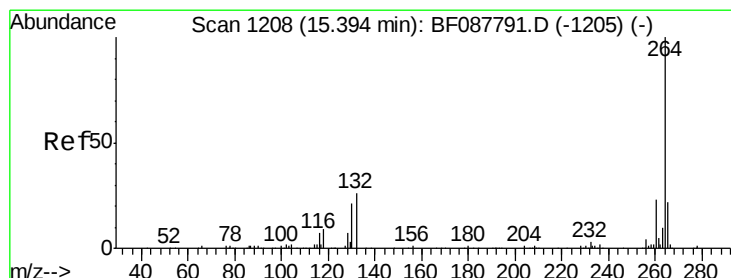
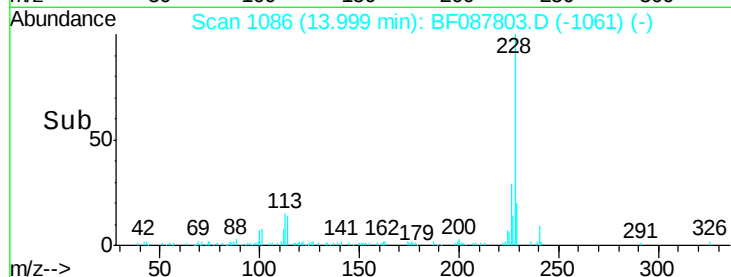
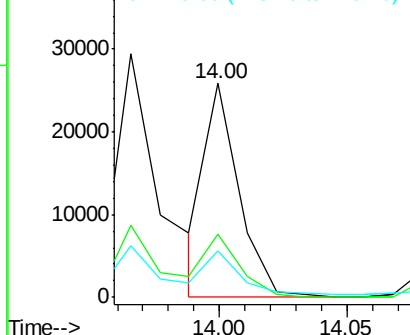
Tot Ion:	228	Resp:	23799
Ion Ratio	Lower	Upper	
228	100		
226	29.4	25.4	38.2
229	21.9	16.3	24.5

Manual Integrations
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.39 min Scan# 1208

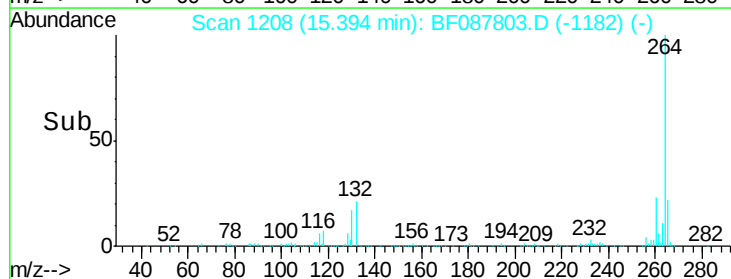
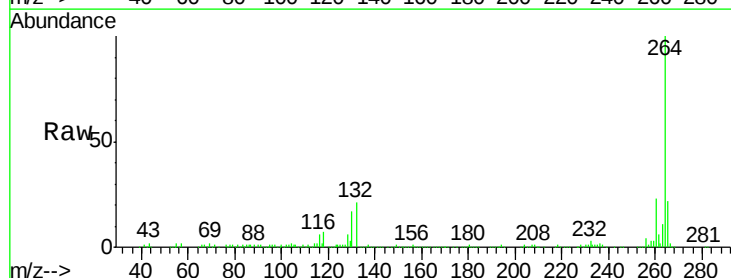
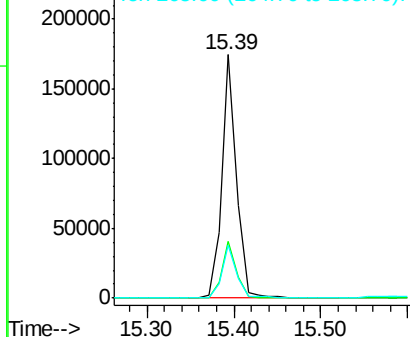
Delta R.T. -0.00 min

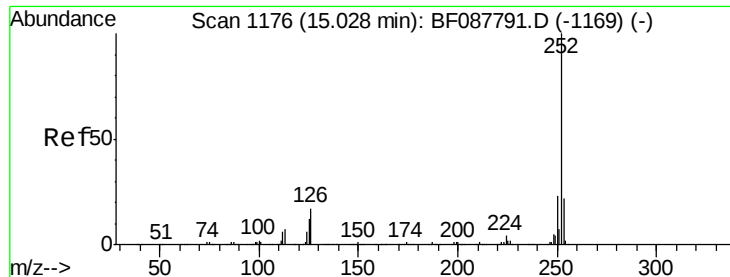
Lab File: BF087803.D

Acq: 7 Jun 2016 23:48

Tgt Ion:	264	Resp:	206027
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.2	28.8
265	21.6	16.9	25.3

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





#87

Benzo(b)fluoranthene

Concen: 2.73 ng

RT: 14.99 min Scan# 1173

Delta R.T. -0.00 min

Lab File: BF087803.D

Acq: 7 Jun 2016 23:48

Instrument :

BNA_F

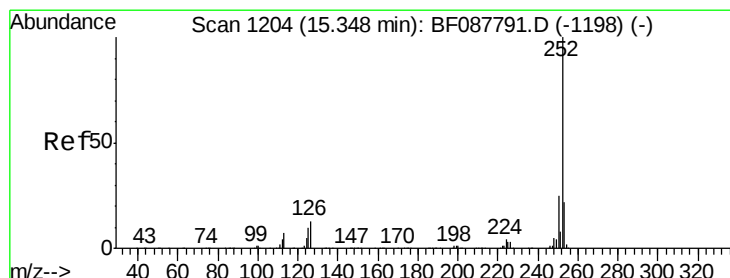
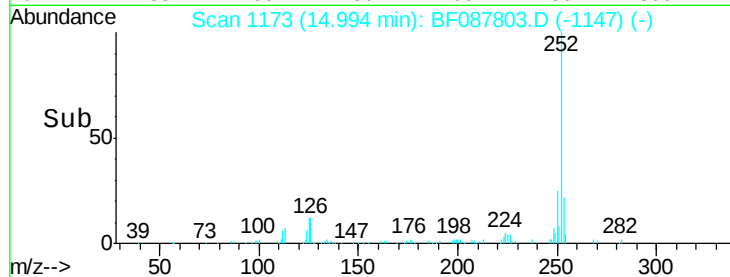
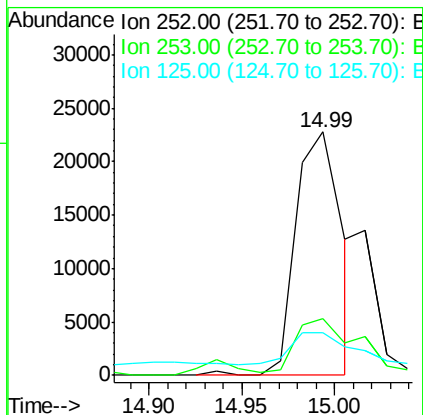
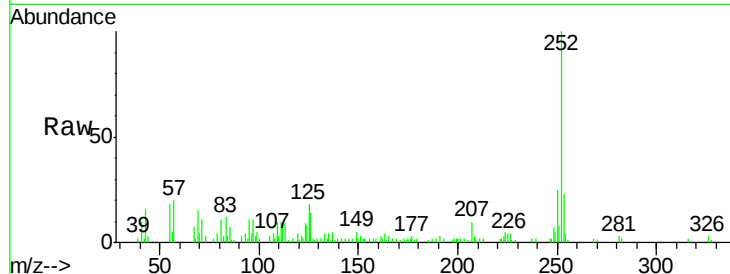
ClientSampleId :

SS-6

Tot Ion:	252	Resp:	39178
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.4	26.2
125	17.7	7.1	10.7

Manual Integrations
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#89

Benzo(a)pyrene

Concen: 2.40 ng

RT: 15.34 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF087803.D

Acq: 7 Jun 2016 23:48

Tgt Ion:	252	Resp:	27894
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.9	26.9
125	14.6	12.5	18.7

