

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
 Data File : BF087827.D
 Acq On : 8 Jun 2016 23:45
 Operator : UM/SJ
 Sample : H3399-07 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-28

Manual Integrations
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Quant Time: Jun 09 13:19:27 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	6.82	152	74056	20.00	ng	-0.02
21) Naphthalene-d8	8.11	136	316900	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	132462	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	225798	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	201358	20.00	ng	0.00
86) Perylene-d12	15.42	264	157483	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	239041	55.18	ng	-0.01
7) Phenol-d6	6.46	99	297390	56.65	ng	-0.02
23) Nitrobenzene-d5	7.38	82	141011	25.98	ng	-0.03
41) 2,4,6-Tribromophenol	10.65	330	26135	18.69	ng	-0.02
44) 2-Fluorobiphenyl	9.19	172	310982	33.53	ng	-0.02
78) Terphenyl-d14	12.94	244	257756	29.13	ng	-0.01
Target Compounds						Qvalue
15) Benzyl Alcohol	6.97	79	48232	11.74	ng	91
49) Dimethylphthalate	9.59	163	29884	3.11	ng	100
70) Phenanthrene	11.38	178	198762	16.78	ng	98
71) Anthracene	11.43	178	65588	5.49	ng	97
74) Fluoranthene	12.56	202	299824	23.98	ng	95
77) Pyrene	12.79	202	266454	17.83	ng	98
80) Benzo(a)anthracene	13.98	228	159347	13.89	ng	98
82) Chrysene	14.01	228	107321m	9.94	ng	
85) Indeno(1,2,3-cd)pyrene	16.80	276	46284	4.61	ng	# 100
87) Benzo(b)fluoranthene	15.01	252	149061m	13.58	ng	
88) Benzo(k)fluoranthene	15.03	252	26637m	3.22	ng	
89) Benzo(a)pyrene	15.36	252	86365	9.73	ng	# 96
91) Benzo(a,h,i)perylene	17.22	276	45202	5.33	ng	96

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

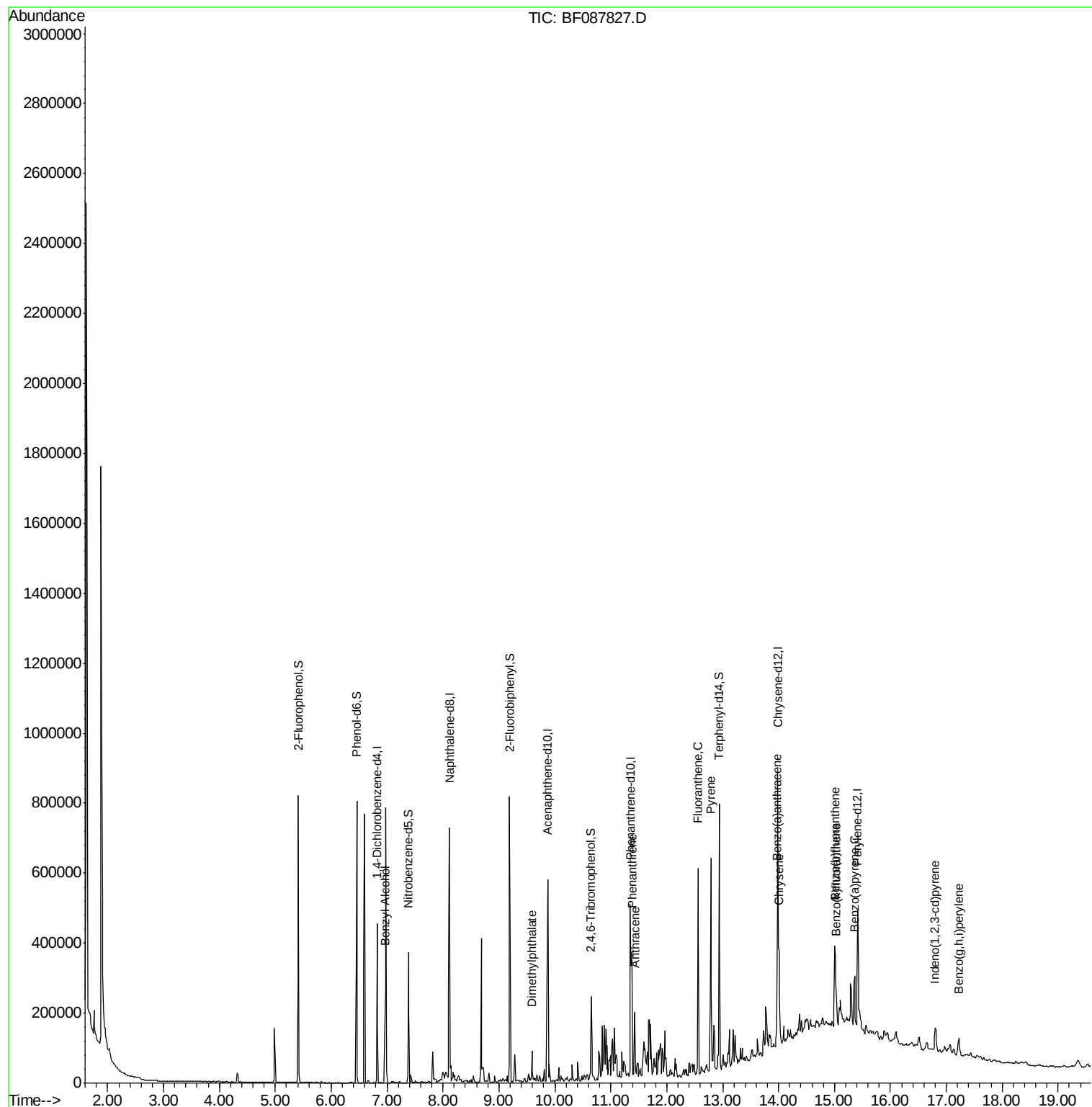
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
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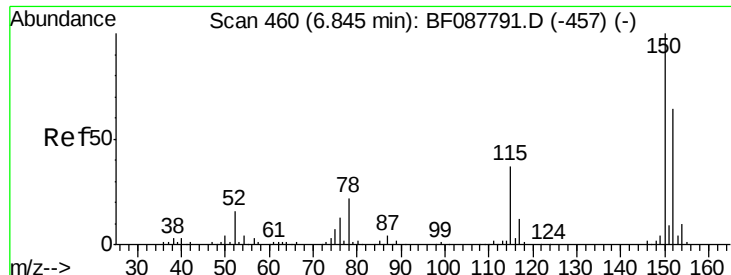
Instrument :
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Quant Time: Jun 09 13:19:27 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

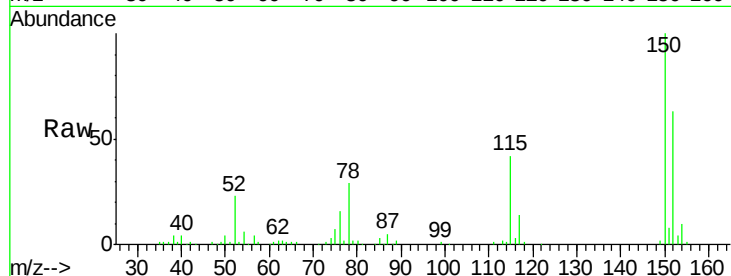
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF087827.D
Acq: 8 Jun 2016 23:45

Instrument :
BNA_F
ClientSampleId :
SS-28

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	123.8	185.6
115	67.2	39.6	59.4

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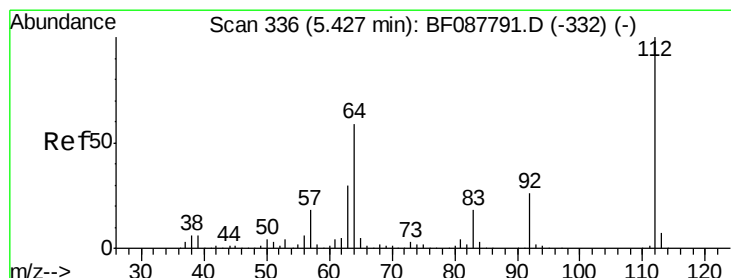
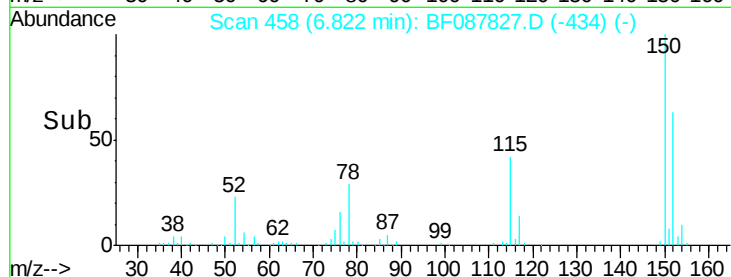
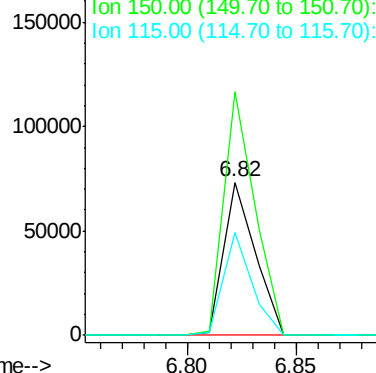


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

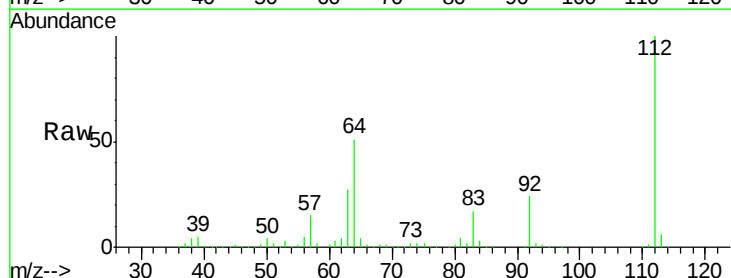
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 55.18 ng
RT: 5.42 min Scan# 335
Delta R.T. -0.01 min
Lab File: BF087827.D
Acq: 8 Jun 2016 23:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.0	42.2	63.2
63	26.6	21.8	32.8

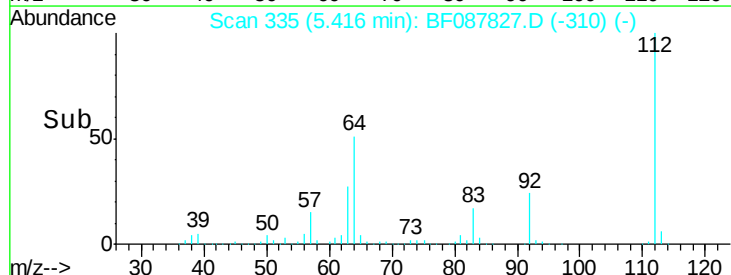
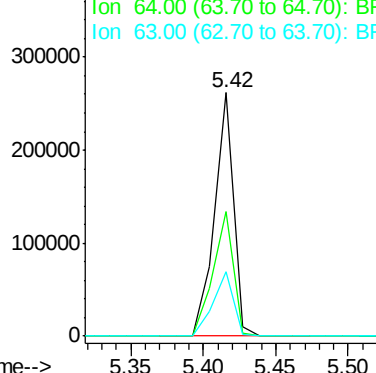


Abundance

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: 56.65 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.02 min

Lab File: BF087827.D

Acq: 8 Jun 2016 23:45

Instrument :

BNA_F

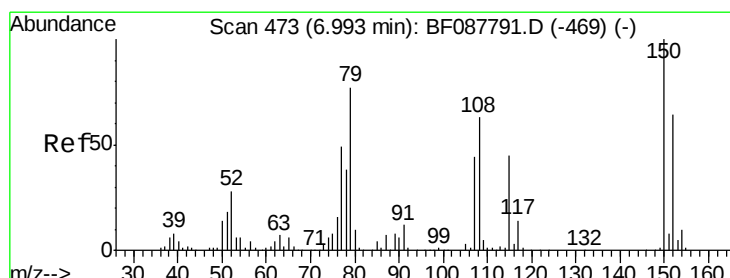
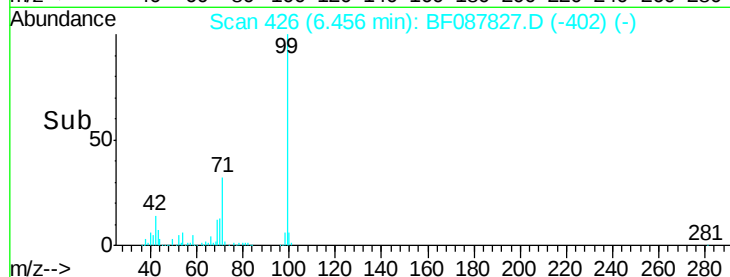
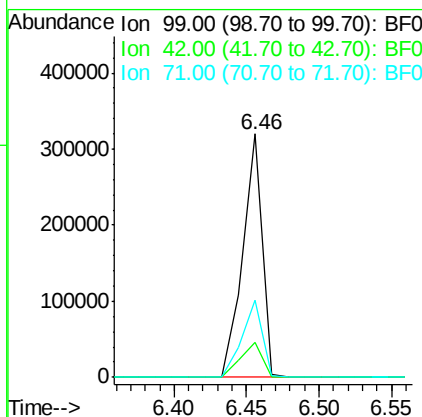
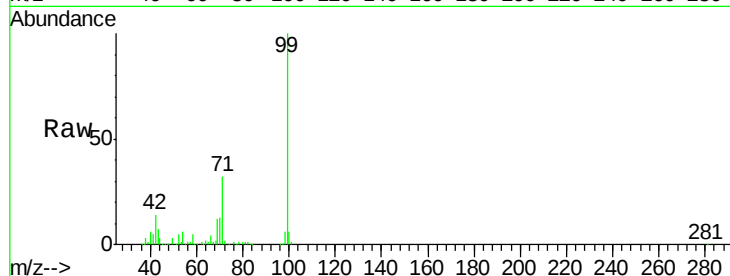
ClientSampleId :

SS-28

Tot Ion:	99	Resp:	297390
Ion Ratio	Lower	Upper	
99	100		
42	14.2	12.2	18.2
71	31.5	23.4	35.0

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#15

Benzyl Alcohol

Concen: 11.74 ng

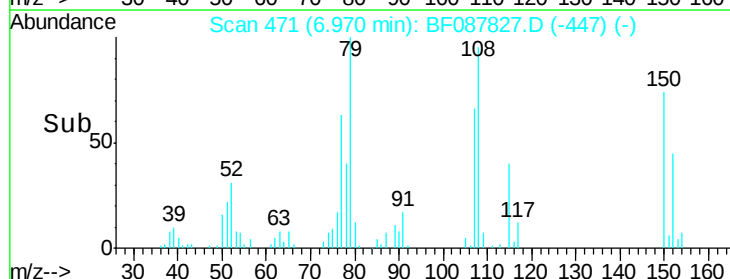
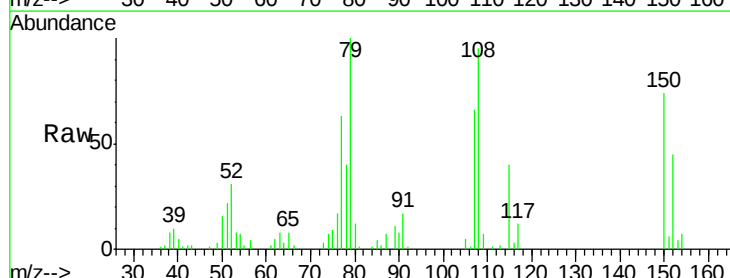
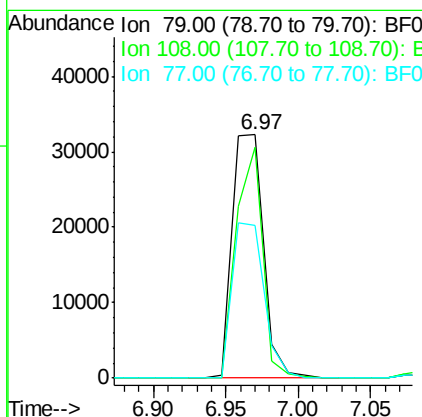
RT: 6.97 min Scan# 471

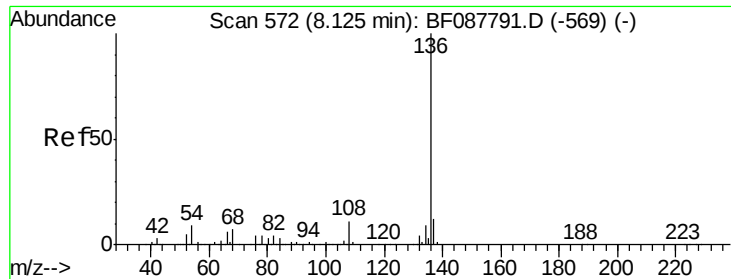
Delta R.T. -0.02 min

Lab File: BF087827.D

Acq: 8 Jun 2016 23:45

Tgt Ion:	79	Resp:	48232
Ion Ratio	Lower	Upper	
79	100		
108	94.7	65.0	97.6
77	62.6	50.3	75.5





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 571

Delta R.T. -0.01 min

Lab File: BF087827.D

Acq: 8 Jun 2016 23:45

Instrument :

BNA_F

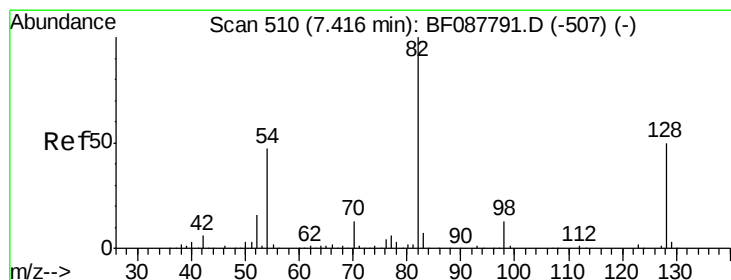
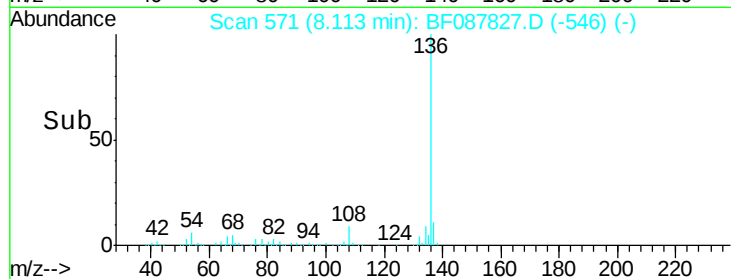
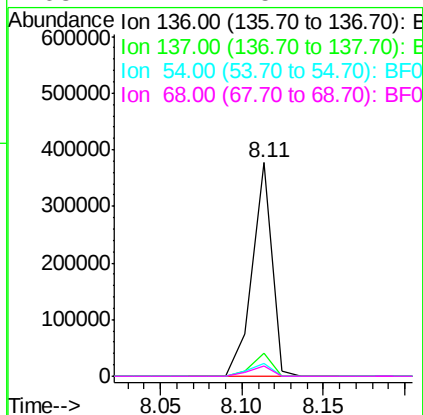
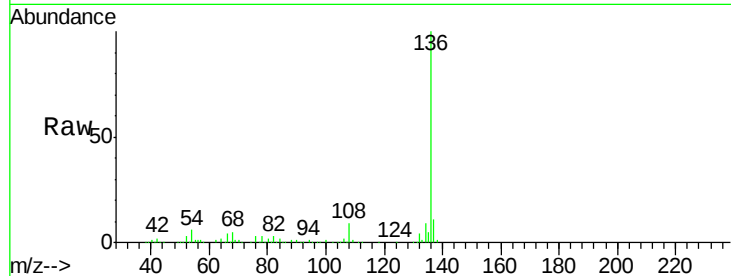
ClientSampled :

SS-28

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.8	9.1	13.7
54	6.1	6.6	10.0#
68	4.7	5.1	7.7#

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#23

Nitrobenzene-d5

Concen: 25.98 ng

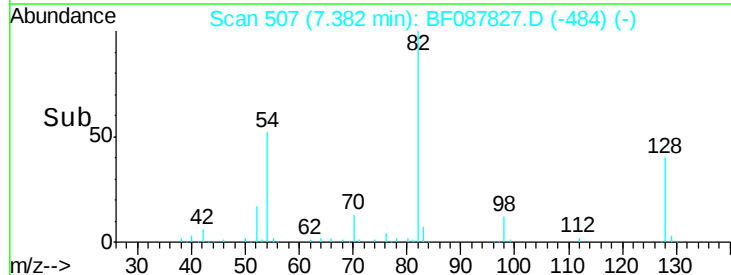
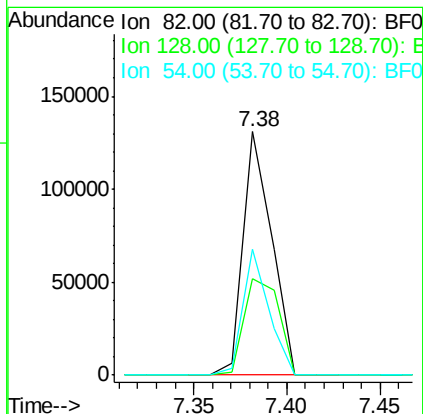
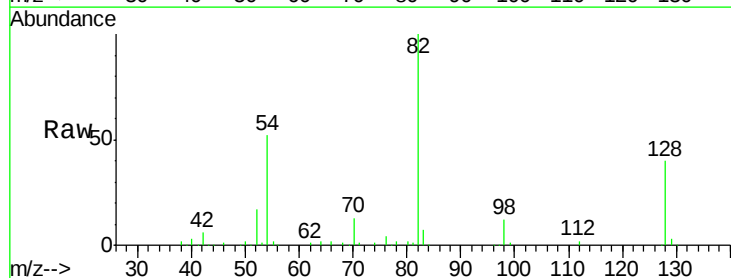
RT: 7.38 min Scan# 507

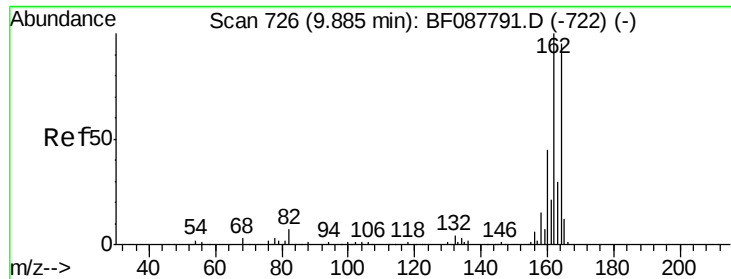
Delta R.T. -0.03 min

Lab File: BF087827.D

Acq: 8 Jun 2016 23:45

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	39.8	35.9	53.9
54	51.9	40.9	61.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF087827.D

Acq: 8 Jun 2016 23:45

Instrument :

BNA_F

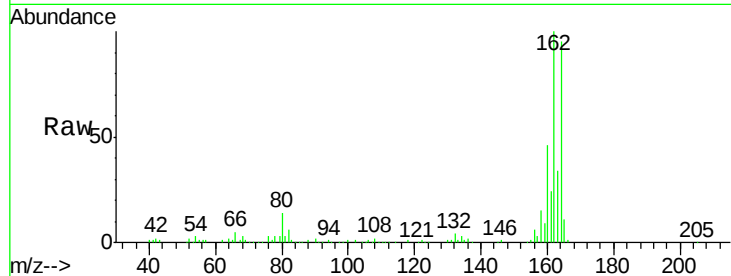
ClientSampleId :

SS-28

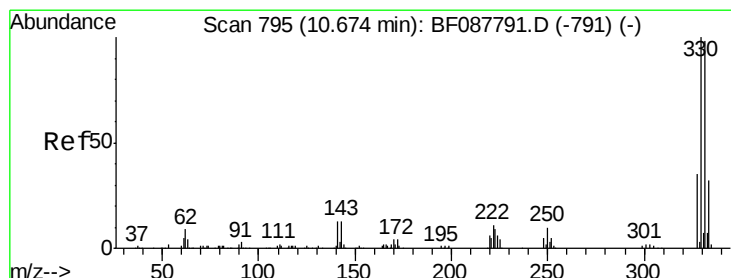
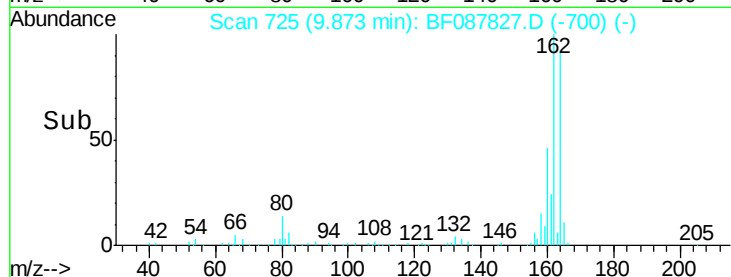
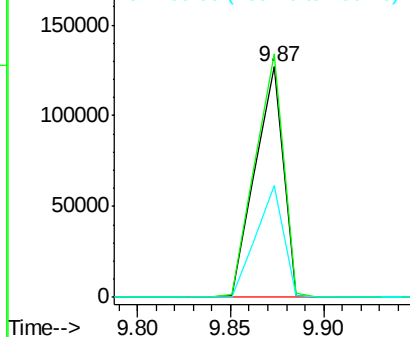
Tot Ion:	164	Resp:	132462
Ion Ratio	Lower	Upper	
164	100		
162	105.7	85.4	128.2
160	48.5	39.5	59.3

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 18.69 ng

RT: 10.65 min Scan# 793

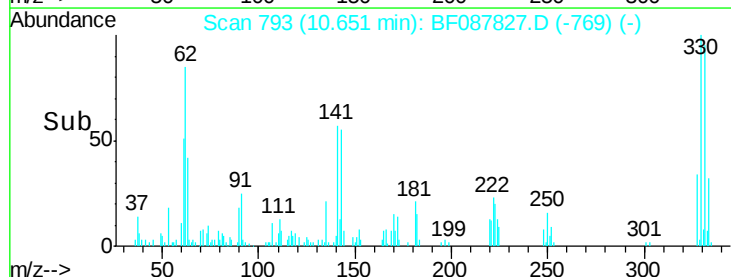
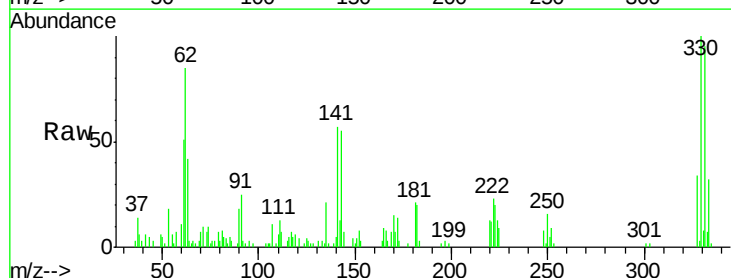
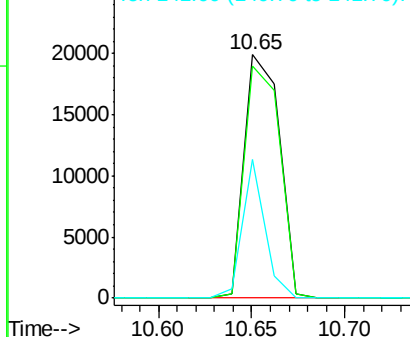
Delta R.T. -0.02 min

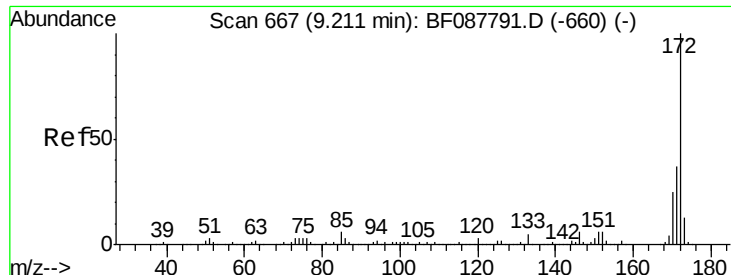
Lab File: BF087827.D

Acq: 8 Jun 2016 23:45

Tgt Ion:	330	Resp:	26135
Ion Ratio	Lower	Upper	
330	100		
332	96.2	0.0	0.0#
141	36.5	0.0	0.0#

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





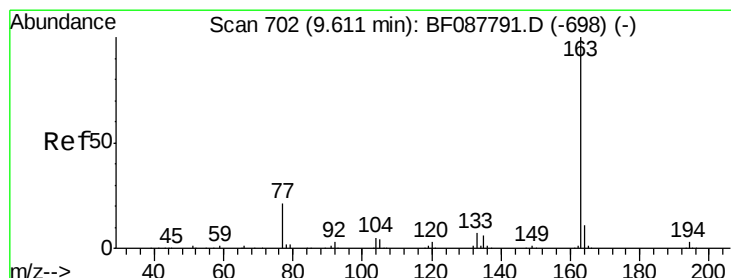
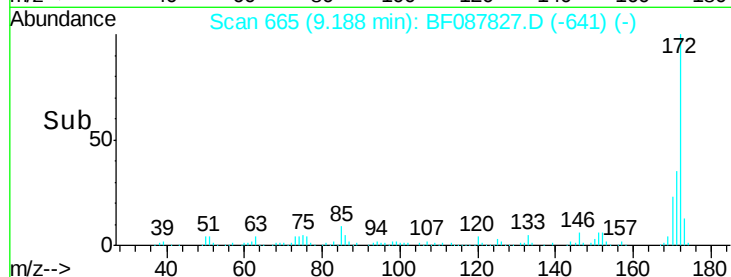
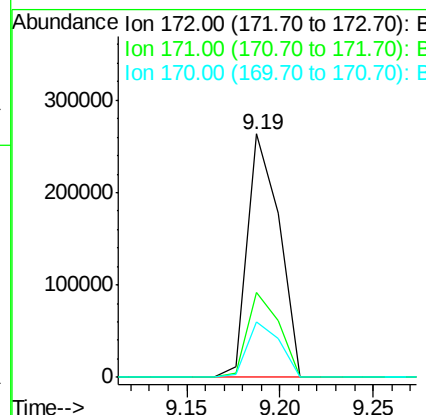
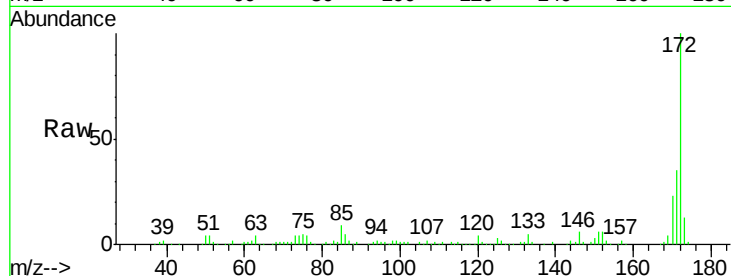
#44
2-Fluorobiphenyl
Concen: 33.53 ng
RT: 9.19 min Scan# 665
Delta R.T. -0.02 min
Lab File: BF087827.D
Acq: 8 Jun 2016 23:45

Instrument :
BNA_F
ClientSampleId :
SS-28

Tot Ion	Ion	Ratio	Resp	Lower	Upper
172	100		310982		
171	34.9	28.6		43.0	
170	22.8	19.2		28.8	

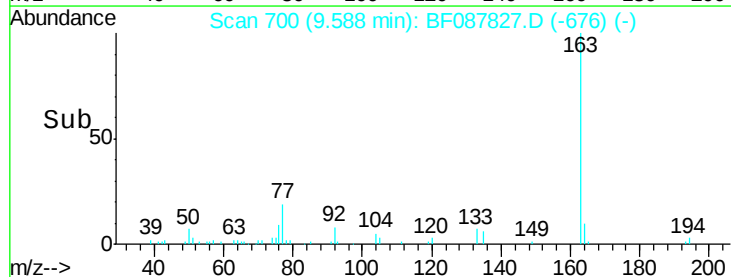
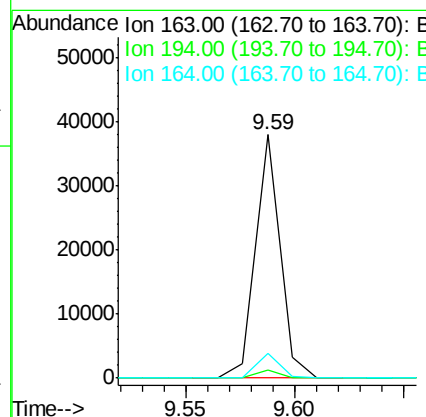
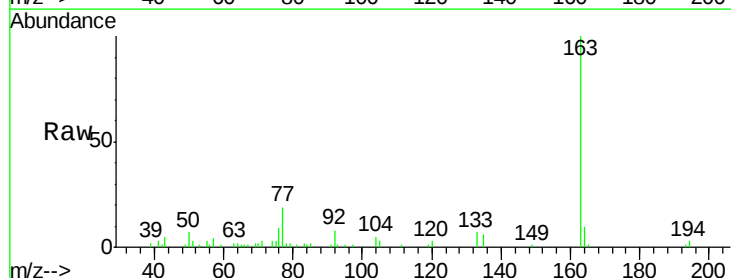
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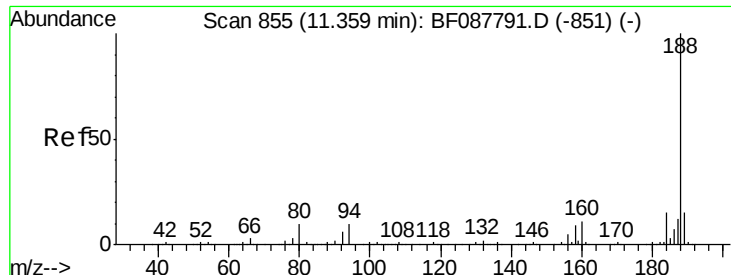
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#49
Dimethylphthalate
Concen: 3.11 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.02 min
Lab File: BF087827.D
Acq: 8 Jun 2016 23:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		29884		
194	3.5	2.8		4.2	
164	10.3	8.3		12.5	





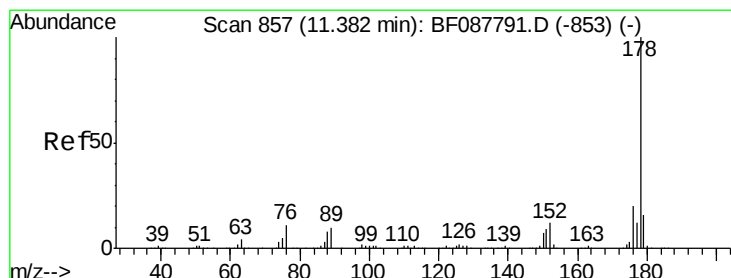
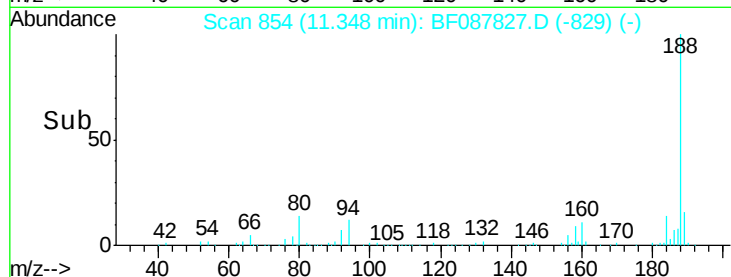
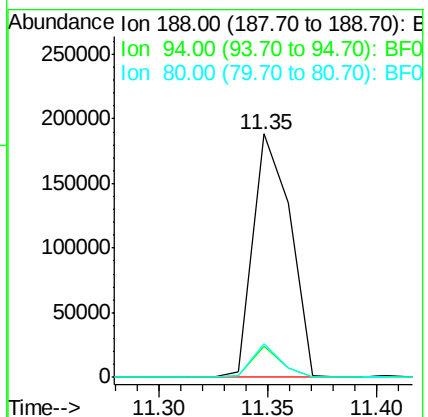
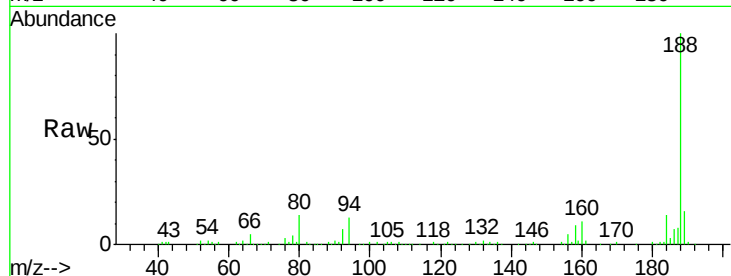
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF087827.D
Acq: 8 Jun 2016 23:45

Instrument :
BNA_F
ClientSampleId :
SS-28

Tot Ion	Ratio	Resp	Lower	Upper
188	100	225798		
94	12.7		9.0	13.6
80	13.9		10.0	15.0

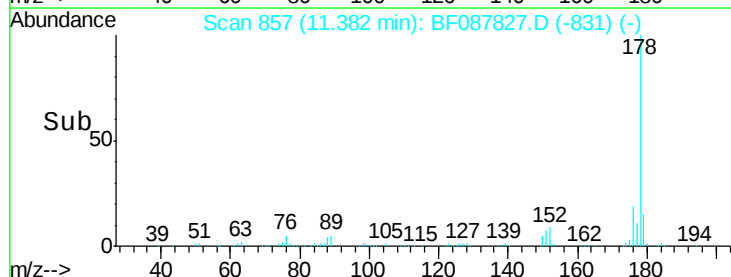
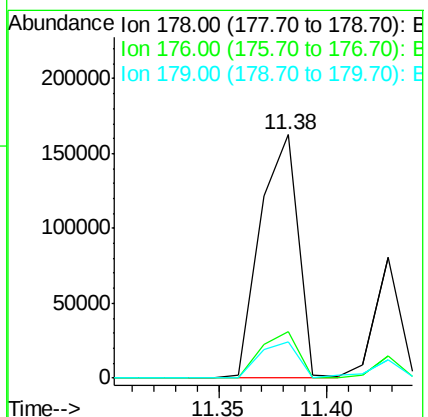
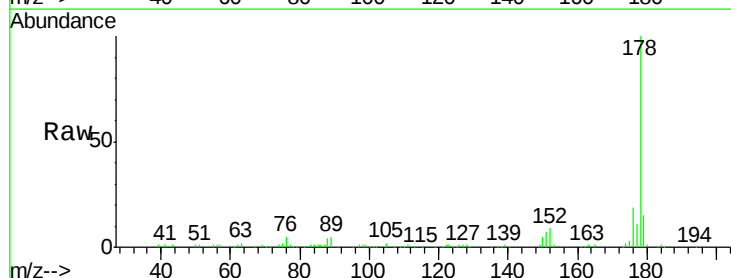
Manual Integrations
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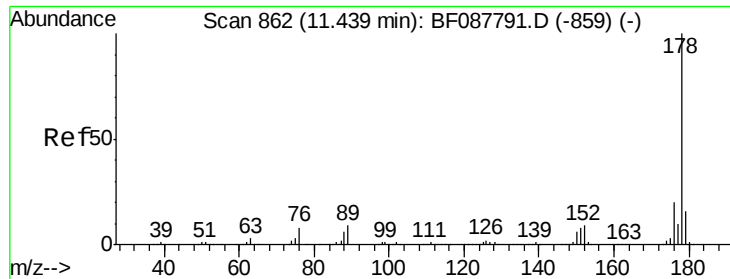
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#70
Phenanthrene
Concen: 16.78 ng
RT: 11.38 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF087827.D
Acq: 8 Jun 2016 23:45

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	198762		
176	19.1		15.8	23.6
179	14.8		13.0	19.4





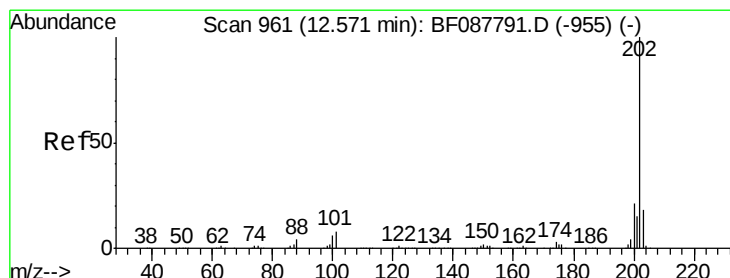
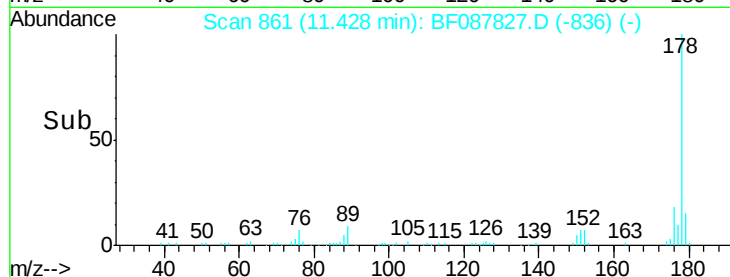
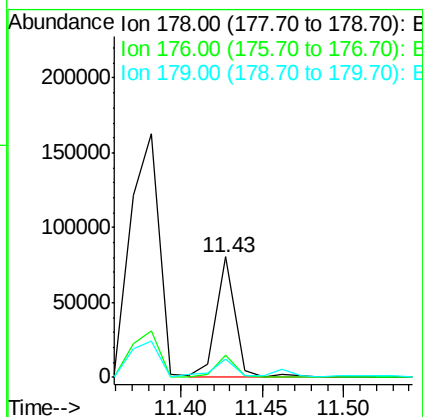
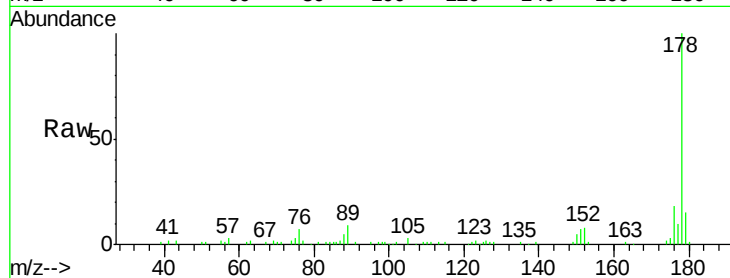
#71
 Anthracene
 Concen: 5.49 ng
 RT: 11.43 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: BF087827.D
 Acq: 8 Jun 2016 23:45

Instrument :
 BNA_F
 ClientSampled :
 SS-28

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.6	23.4
179	15.0	12.8	19.2

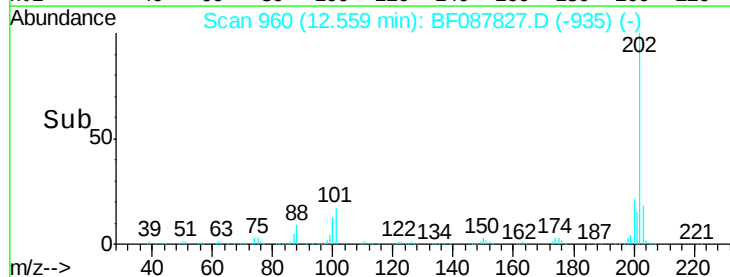
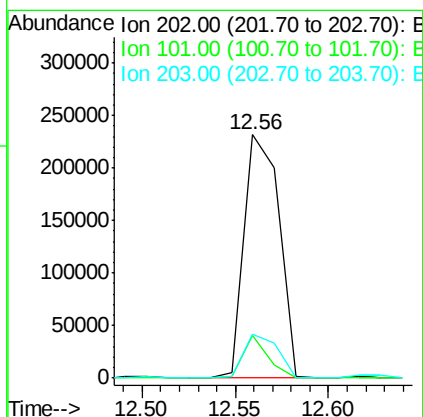
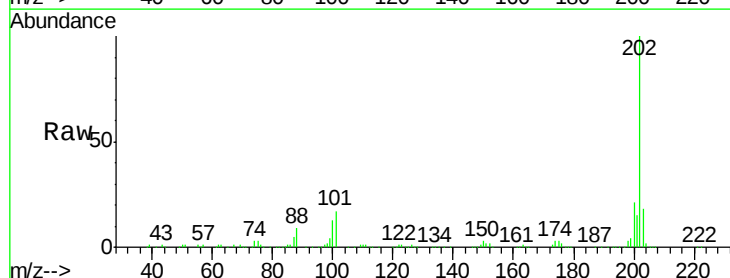
Manual Integrations
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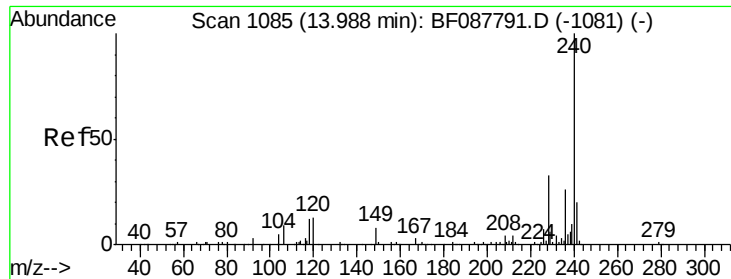
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 6/9/2016 8:04:05 PM



#74
 Fluoranthene
 Concen: 23.98 ng
 RT: 12.56 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF087827.D
 Acq: 8 Jun 2016 23:45

Tgt Ion	Ratio	Lower	Upper
202	100		
101	17.4	0.0	33.1
203	18.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1085

Delta R.T. -0.00 min

Lab File: BF087827.D

Acq: 8 Jun 2016 23:45

Instrument :

BNA_F

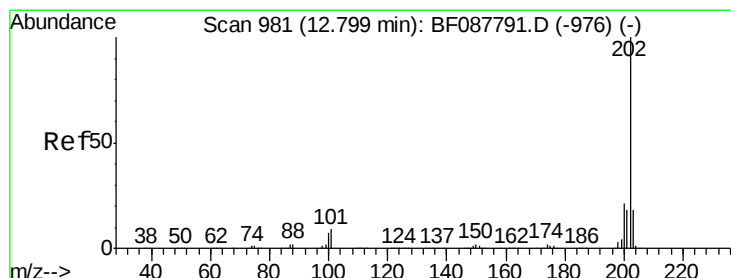
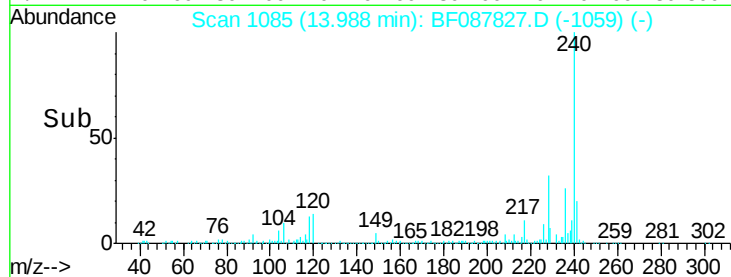
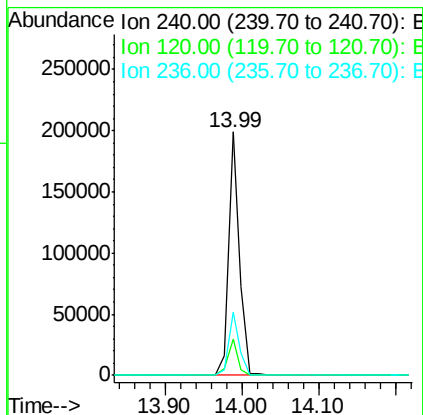
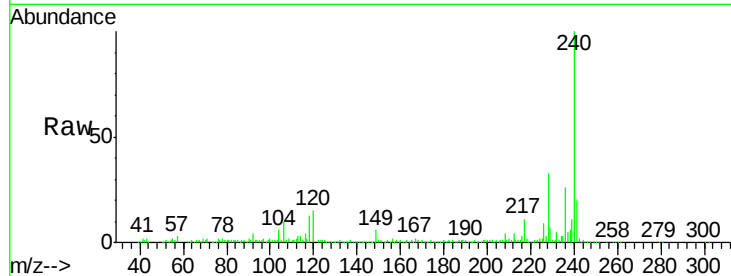
ClientSampled :

SS-28

Tot Ion:	240	Resp:	201358
Ion Ratio		Lower	Upper
240	100		
120	14.6	6.8	10.2#
236	25.9	20.2	30.2

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6/9/2016 8:04:05 PM



#77

Pyrene

Concen: 17.83 ng

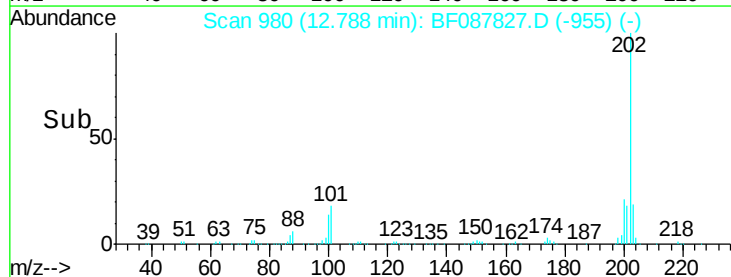
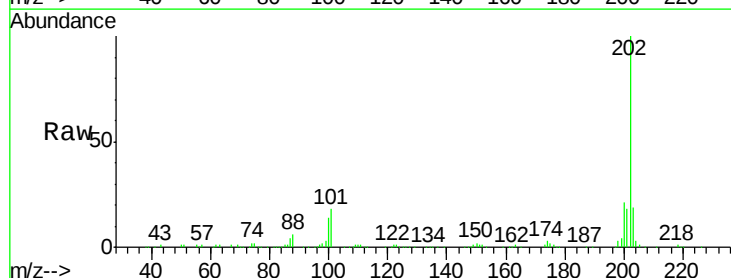
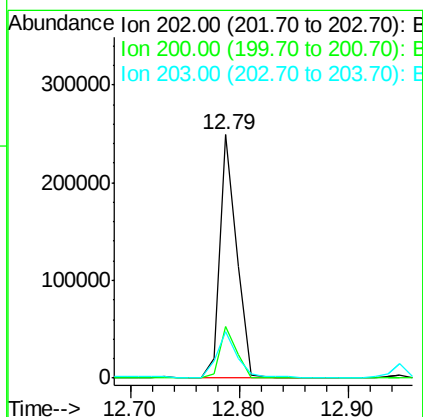
RT: 12.79 min Scan# 980

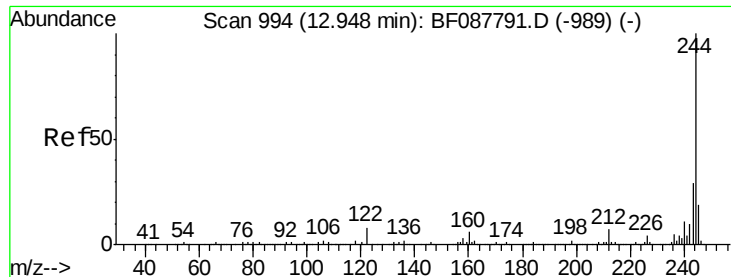
Delta R.T. -0.01 min

Lab File: BF087827.D

Acq: 8 Jun 2016 23:45

Tgt Ion:	202	Resp:	266454
Ion Ratio		Lower	Upper
202	100		
200	21.3	17.4	26.2
203	19.2	14.5	21.7





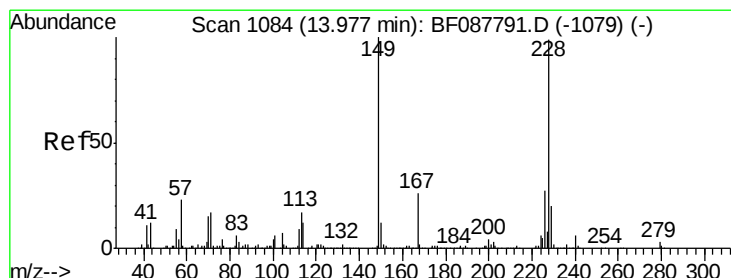
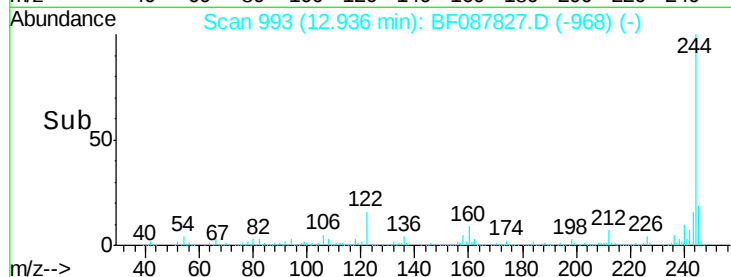
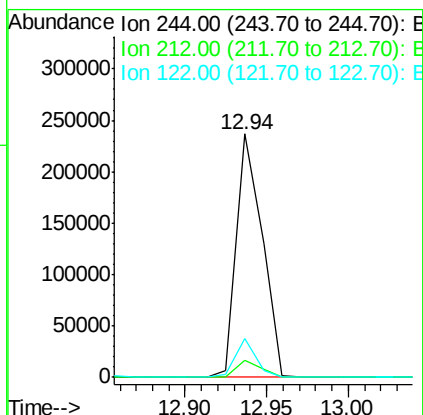
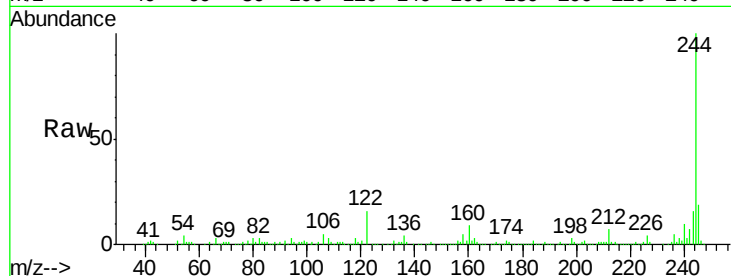
#78
 Terphenyl-d14
 Concen: 29.13 ng
 RT: 12.94 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BF087827.D
 Acq: 8 Jun 2016 23:45

Instrument :
 BNA_F
 ClientSampleId :
 SS-28

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	16.2	11.2	16.8

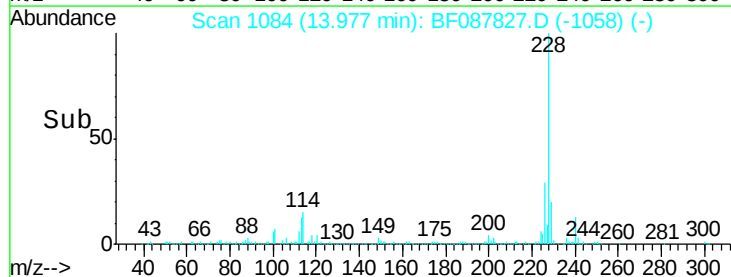
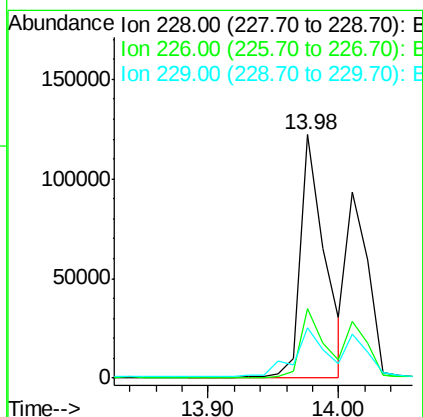
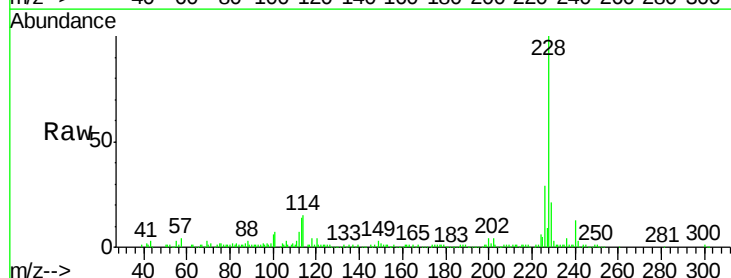
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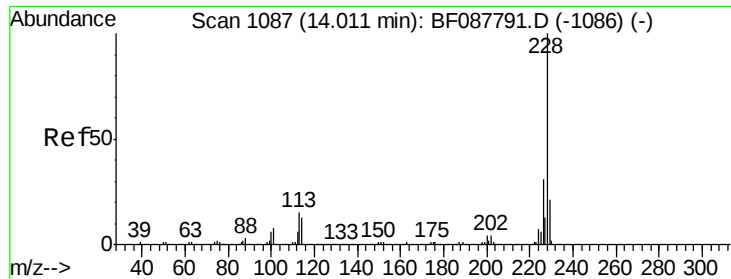
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#80
 Benzo(a)anthracene
 Concen: 13.89 ng
 RT: 13.98 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: BF087827.D
 Acq: 8 Jun 2016 23:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.3	33.5
229	20.8	16.0	24.0





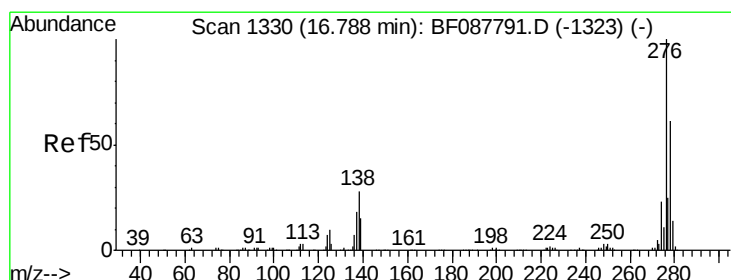
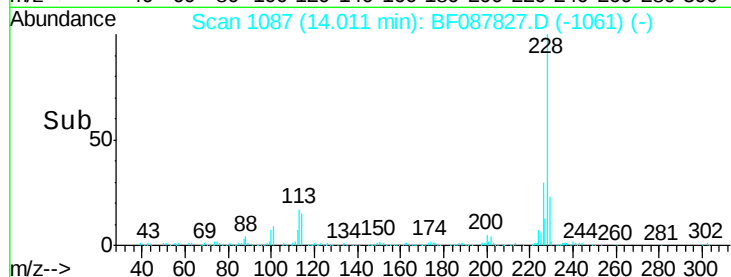
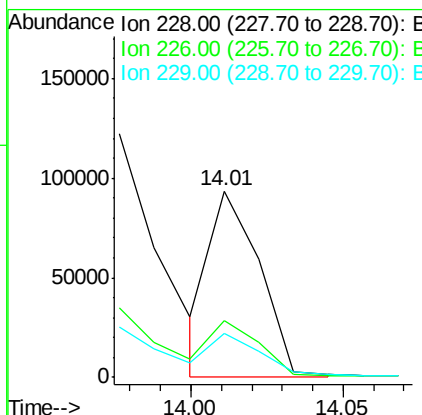
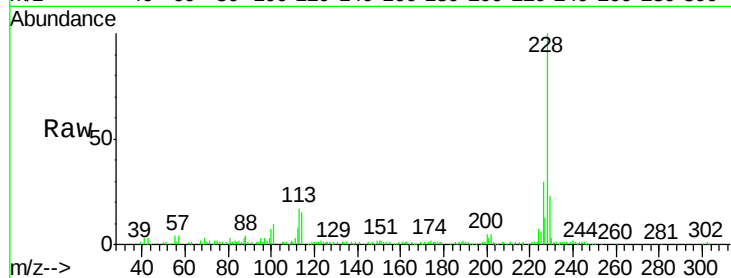
#82
Chrysene
Concen: 9.94 ng/ml
RT: 14.01 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BF087827.D
Acq: 8 Jun 2016 23:45

Instrument :
BNA_F
ClientSampleId :
SS-28

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.4	38.2
229	23.3	16.3	24.5

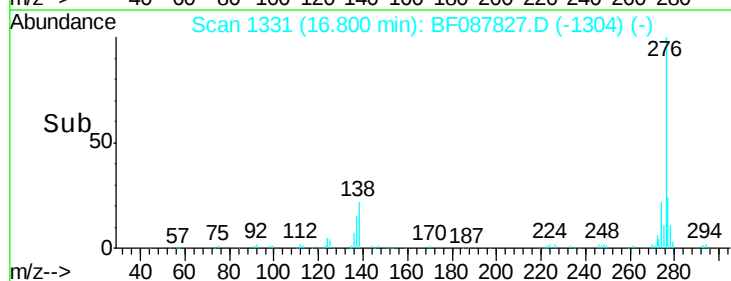
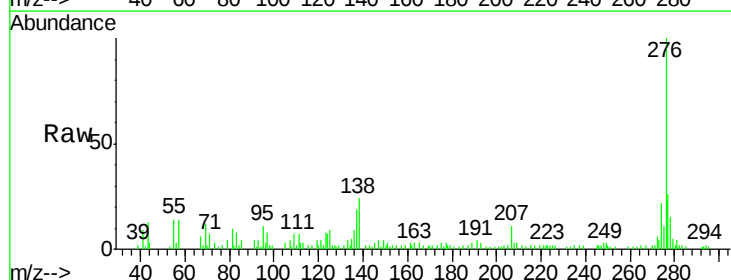
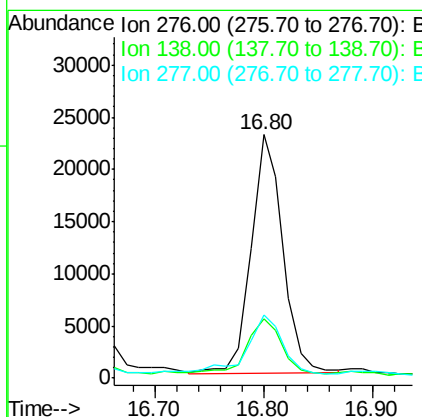
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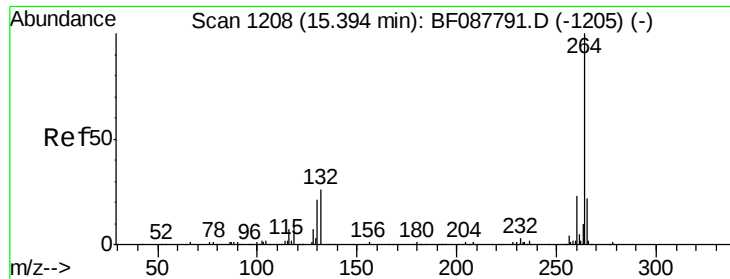
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#85
Indeno(1,2,3-cd)pyrene
Concen: 4.61 ng/ml
RT: 16.80 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF087827.D
Acq: 8 Jun 2016 23:45

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.7	0.0	0.0#
277	28.2	0.0	0.0#





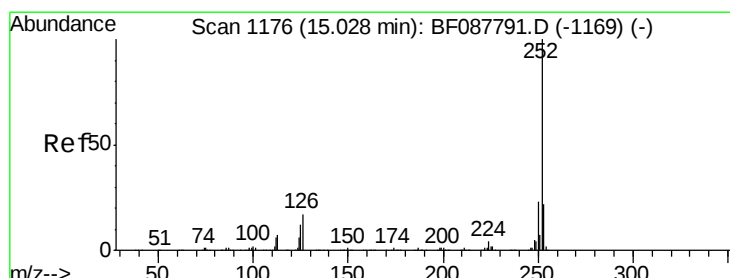
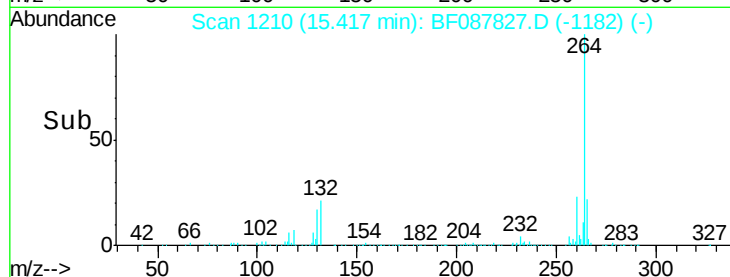
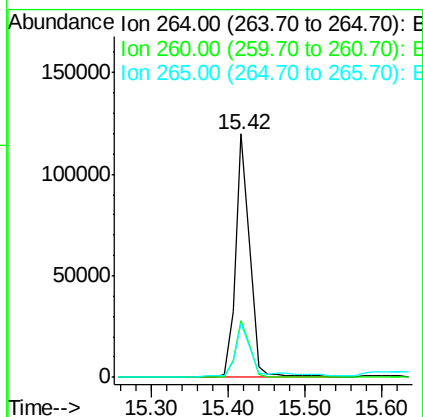
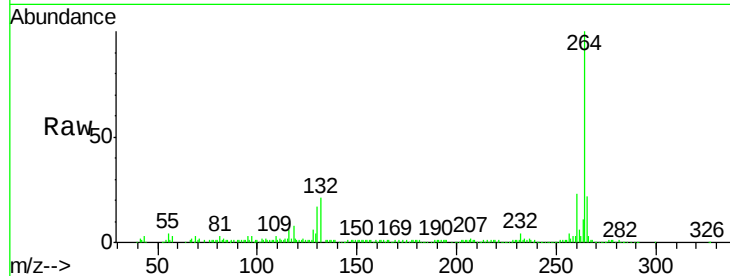
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.42 min Scan# 1210
Delta R.T. 0.02 min
Lab File: BF087827.D
Acq: 8 Jun 2016 23:45

Instrument :
BNA_F
ClientSampleId :
SS-28

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	22.1	16.9	25.3

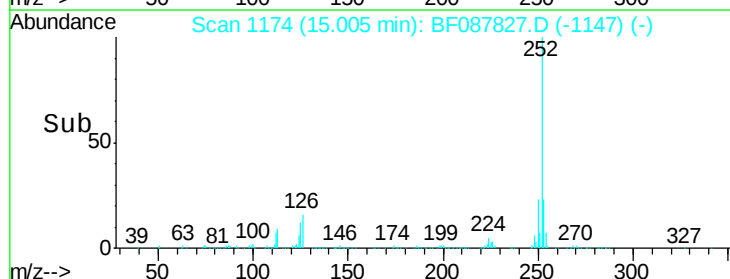
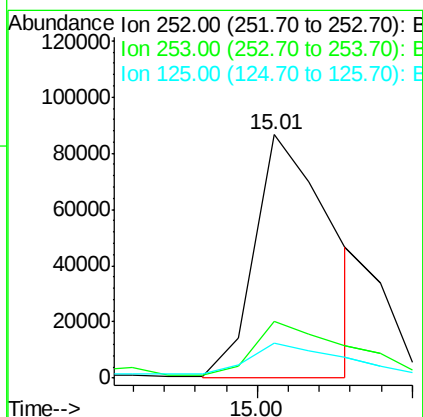
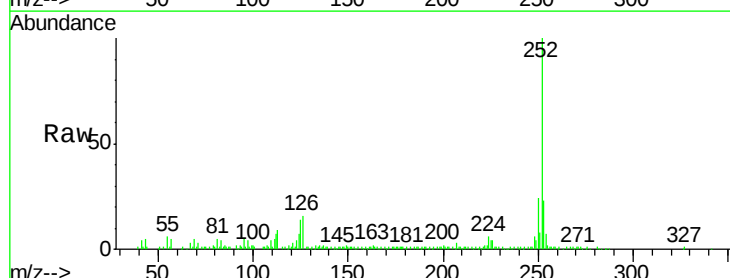
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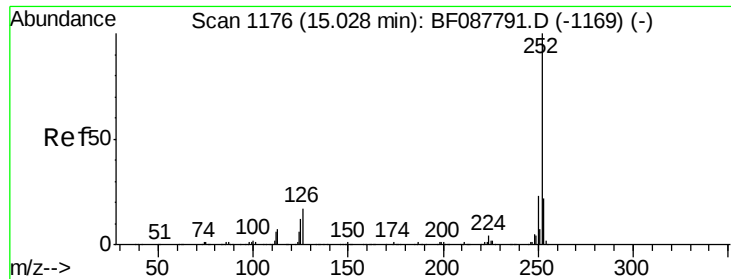
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#87
Benzo(b)fluoranthene
Concen: 13.58 ng m
RT: 15.01 min Scan# 1174
Delta R.T. 0.01 min
Lab File: BF087827.D
Acq: 8 Jun 2016 23:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.2
125	14.2	7.1	10.7





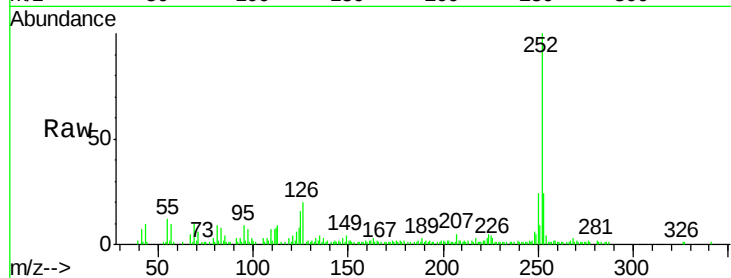
#88
Benzo(k)fluoranthene
Concen: 3.22 ng m
RT: 15.03 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BF087827.D
Acq: 8 Jun 2016 23:45

Instrument :
BNA_F
ClientSampleId :
SS-28

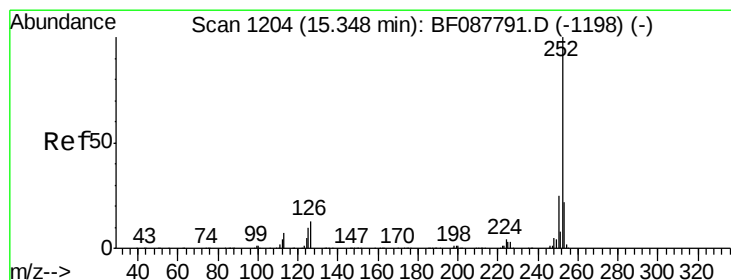
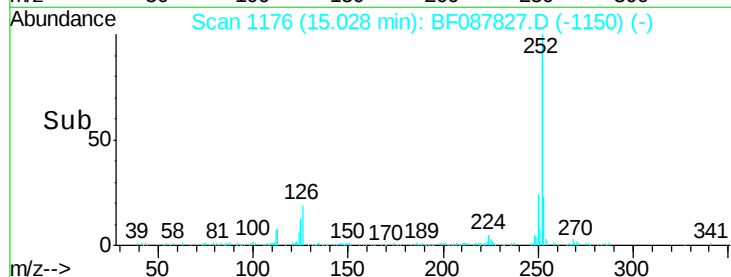
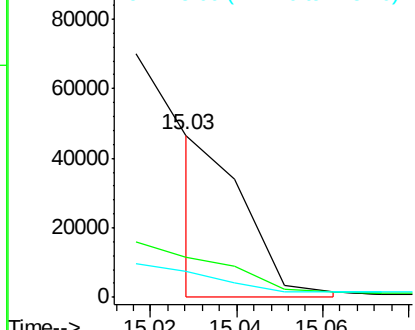
Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.0	27.0
125	16.2	11.2	16.8

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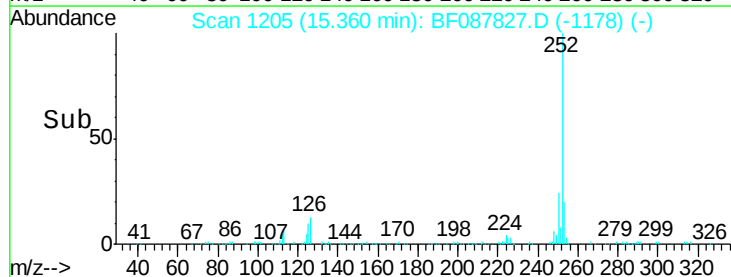
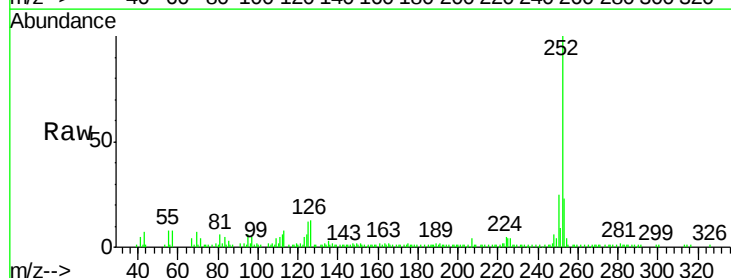
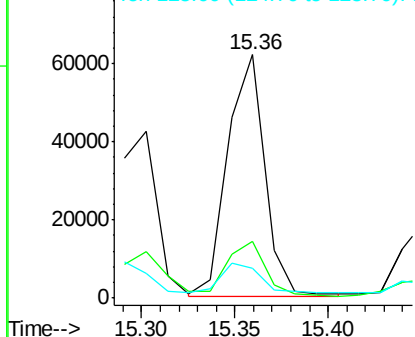
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

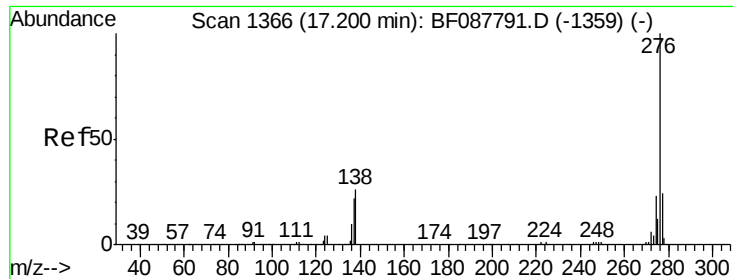


#89
Benzo(a)pyrene
Concen: 9.73 ng
RT: 15.36 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BF087827.D
Acq: 8 Jun 2016 23:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	12.2	12.5	18.7#

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





#91
 Benzo(a,h,i)perylene
 Concen: 5.33 ng
 RT: 17.22 min Scan# 1368
 Delta R.T. 0.02 min
 Lab File: BF087827.D
 Acq: 8 Jun 2016 23:45

Instrument :
 BNA_F
 ClientSampleId :
 SS-28

Tot Ion:	276	Resp:	45202
Ion Ratio	Lower	Upper	
276	100		
277	26.2	18.9	28.3
138	25.4	21.4	32.2

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