

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062316\
 Data File : BF088310.D
 Acq On : 24 Jun 2016 1:34
 Operator : UM/SJ
 Sample : H3682-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(0-6)

Manual Integrations
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Quant Time: Jun 24 03:32:04 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 01:47:17 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	82536m	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	327232	20.00	ng	0.00
38) Acenaphthene-d10	9.62	164	142781	20.00	ng	-0.01
63) Phenanthrene-d10	11.11	188	239284	20.00	ng	0.00
75) Chrysene-d12	13.73	240	169645	20.00	ng	-0.01
86) Perylene-d12	15.09	264	162376	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	512525	106.16	ng	0.01
7) Phenol-d6	6.27	99	651287	111.31	ng	-0.01
23) Nitrobenzene-d5	7.16	82	343007	61.21	ng	-0.01
41) 2,4,6-Tribromophenol	10.42	330	129398	85.83	ng	-0.01
44) 2-Fluorobiphenyl	8.96	172	659749	71.72	ng	-0.01
78) Terphenyl-d14	12.69	244	472826	63.42	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.36	163	224904	21.74	ng	99
70) Phenanthrene	11.13	178	30957	2.47	ng	98
74) Fluoranthene	12.31	202	67751	5.11	ng	98
77) Pyrene	12.54	202	71704	5.70	ng	99
80) Benzo(a)anthracene	13.73	228	51040m	5.28	ng	
82) Chrysene	13.76	228	50837	5.59	ng	98
85) Indeno(1,2,3-cd)pyrene	16.35	276	25240	2.99	ng	# 100
87) Benzo(b)fluoranthene	14.73	252	79597m	7.03	ng	
88) Benzo(k)fluoranthene	14.74	252	20616m	2.41	ng	
89) Benzo(a)pyrene	15.04	252	41852	4.57	ng	# 96
91) Benzo(g,h,i)perylene	16.73	276	22495	2.57	ng	95

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

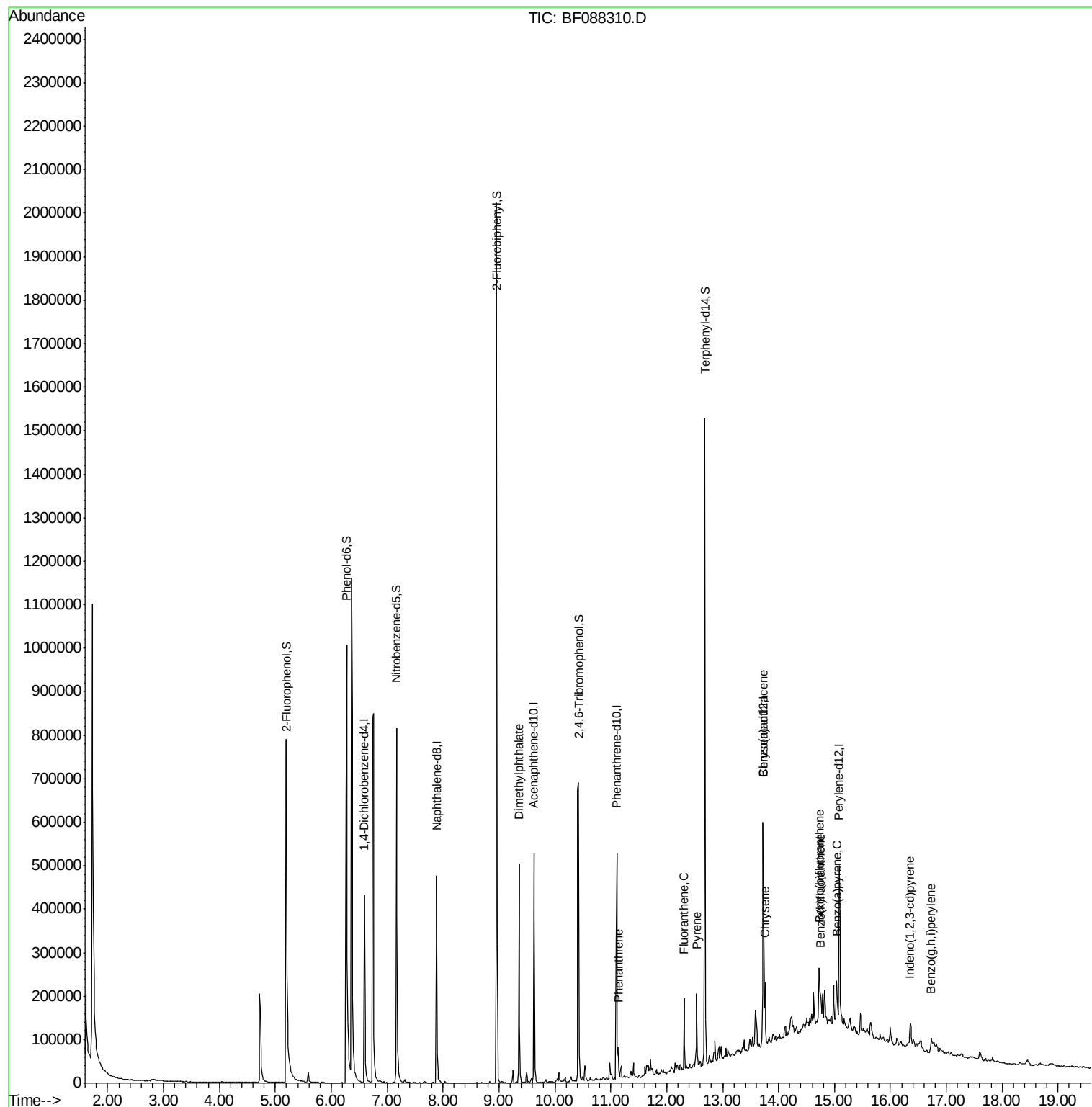
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062316\
Data File : BF088310.D
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SB-3(0-6)

Manual Integrations
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QLast Update : Fri Jun 24 01:47:17 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng m

RT: 6.59 min Scan# 438

Delta R.T. 0.00 min

Lab File: BF088310.D

Acq: 24 Jun 2016 1:34

Instrument :

BNA_F

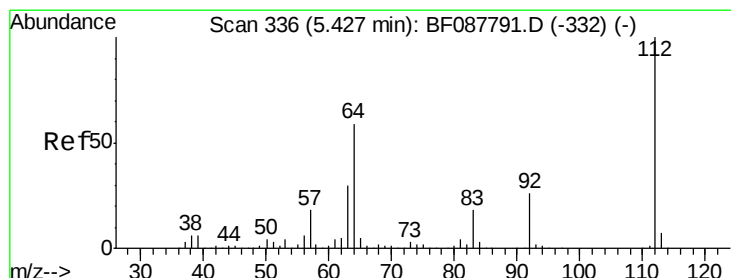
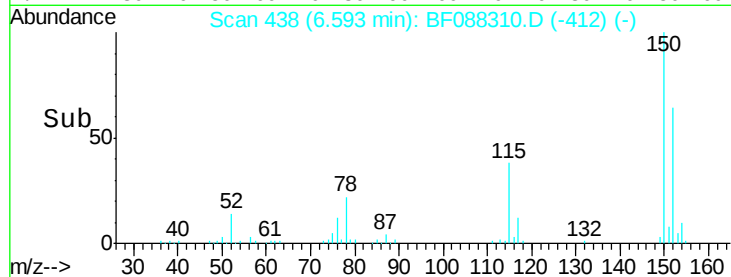
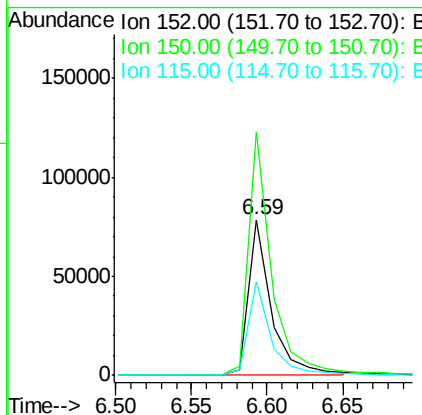
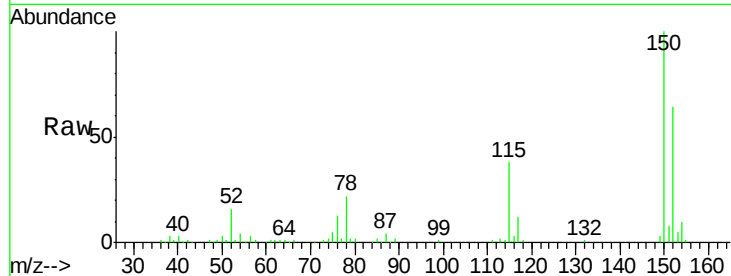
ClientSampleId :

SB-3(0-6)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.7	123.8	185.6
115	60.1	39.6	59.4

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#5

2-Fluorophenol

Concen: 106.16 ng

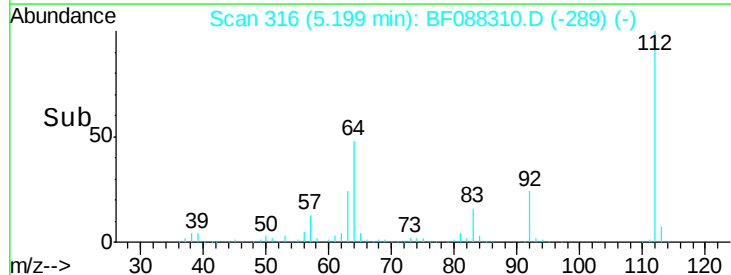
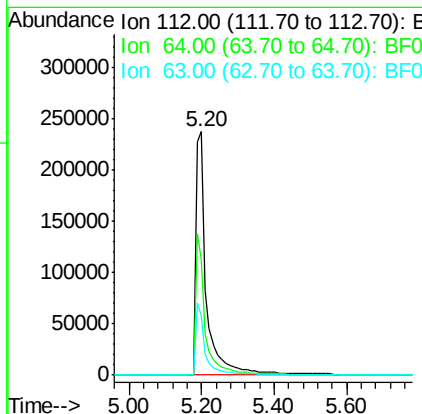
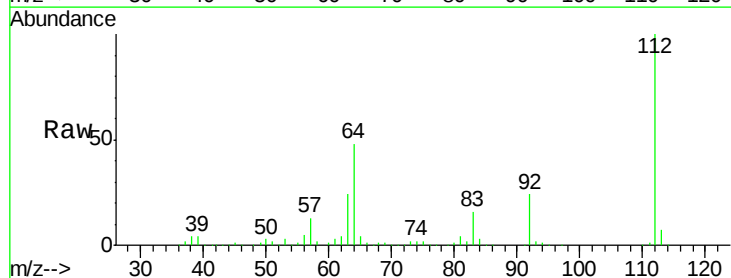
RT: 5.20 min Scan# 316

Delta R.T. 0.01 min

Lab File: BF088310.D

Acq: 24 Jun 2016 1:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	47.7	42.2	63.2
63	24.2	21.8	32.8





#7

Phenol-d6

Concen: 111.31 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF088310.D

Acq: 24 Jun 2016 1:34

Instrument :

BNA_F

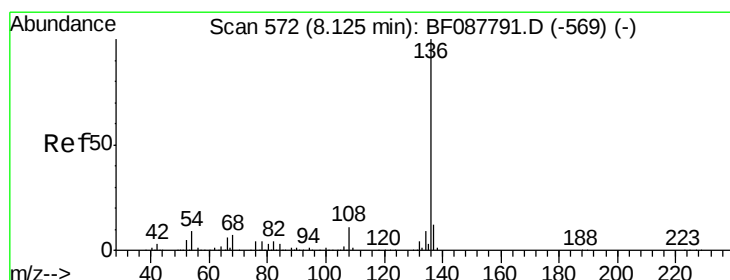
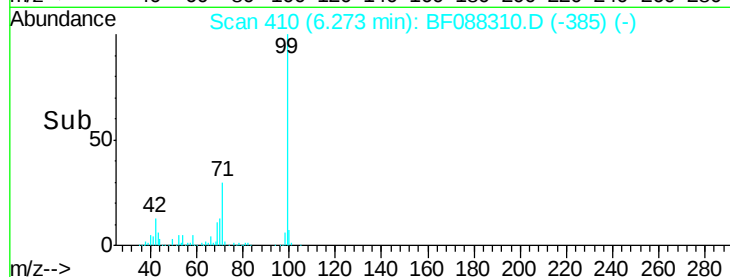
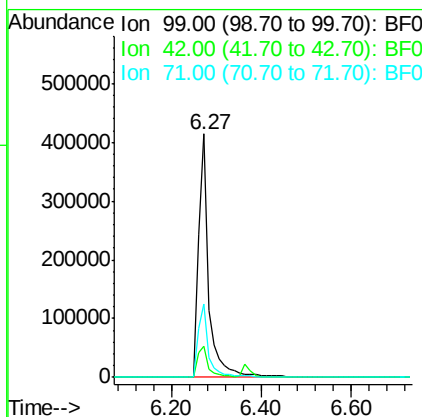
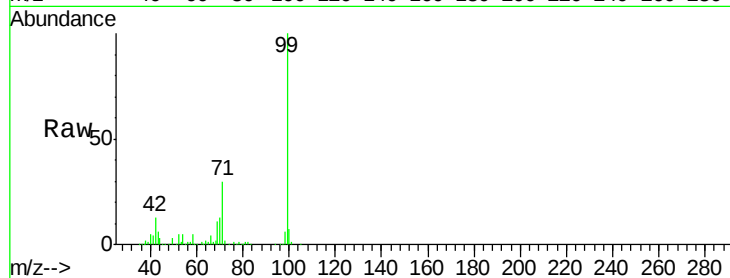
ClientSampleId :

SB-3(0-6)

Tgt Ion:	99	Resp:	651287
Ion Ratio	Lower	Upper	
99	100		
42	12.7	12.2	18.2
71	30.4	23.4	35.0

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#21

Naphthalene-d8

Concen: 20.00 ng

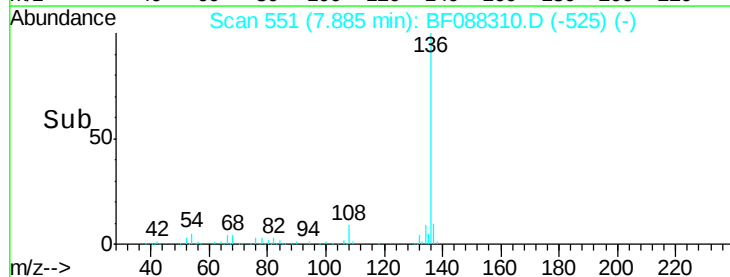
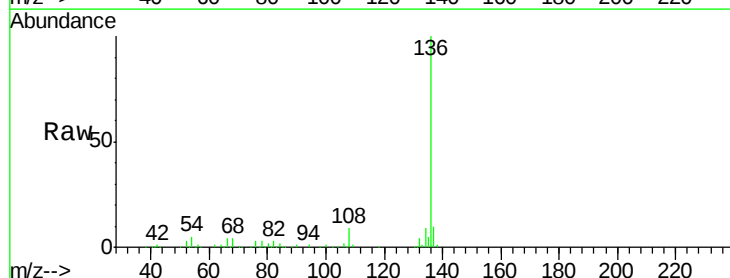
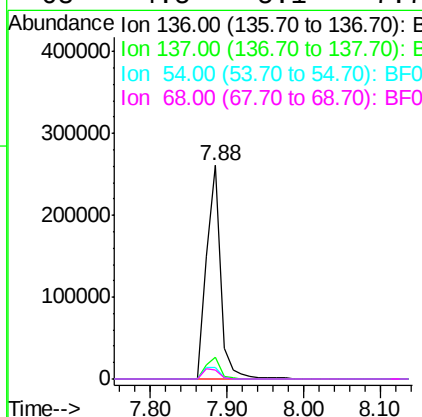
RT: 7.88 min Scan# 551

Delta R.T. 0.00 min

Lab File: BF088310.D

Acq: 24 Jun 2016 1:34

Tgt Ion:	136	Resp:	327232
Ion Ratio	Lower	Upper	
136	100		
137	10.4	9.1	13.7
54	5.1	6.6	10.0#
68	4.5	5.1	7.7#





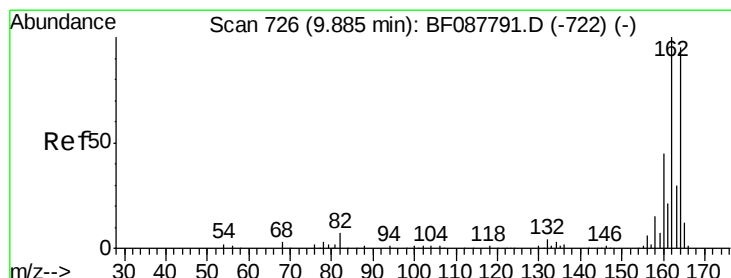
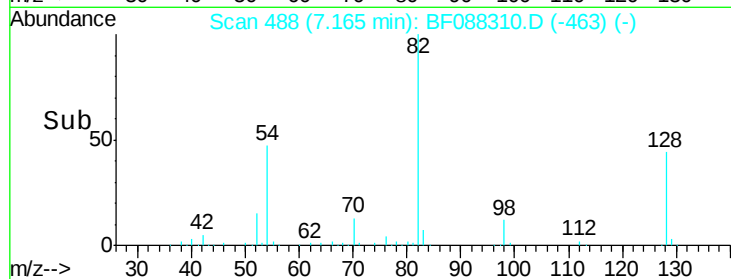
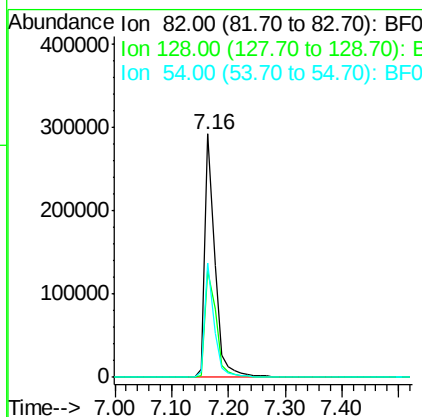
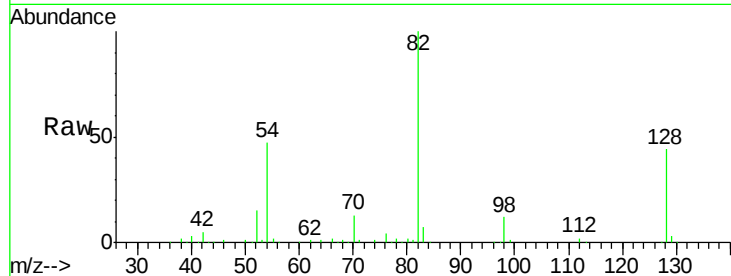
#23
 Nitrobenzene-d5
 Concen: 61.21 ng
 RT: 7.16 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: BF088310.D
 Acq: 24 Jun 2016 1:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(0-6)

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	43.9	35.9	53.9
54	46.7	40.9	61.3

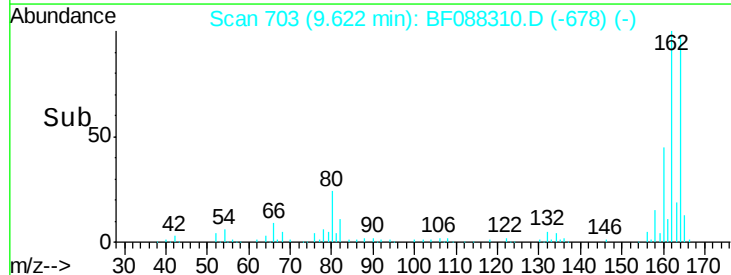
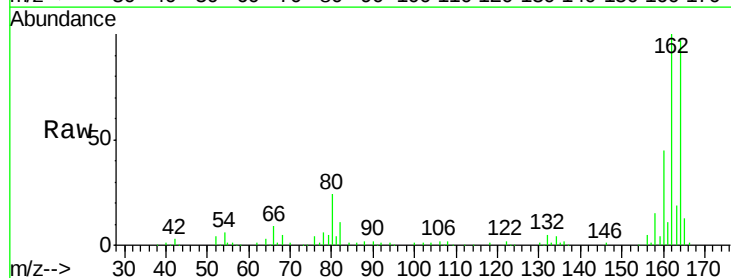
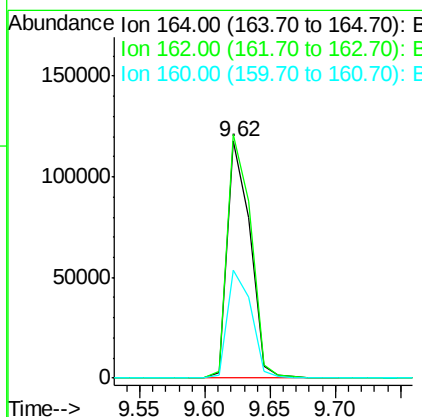
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BF088310.D
 Acq: 24 Jun 2016 1:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
162	102.8	85.4	128.2
160	45.8	39.5	59.3





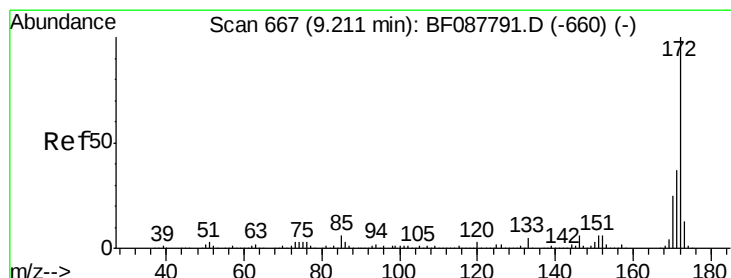
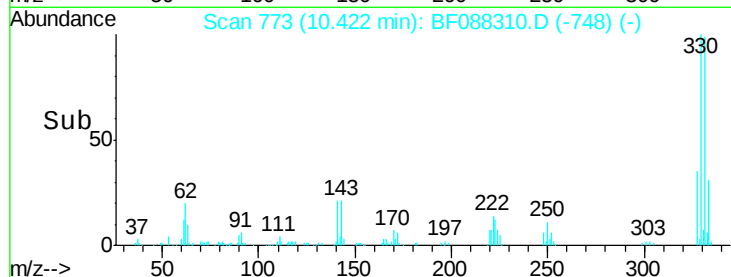
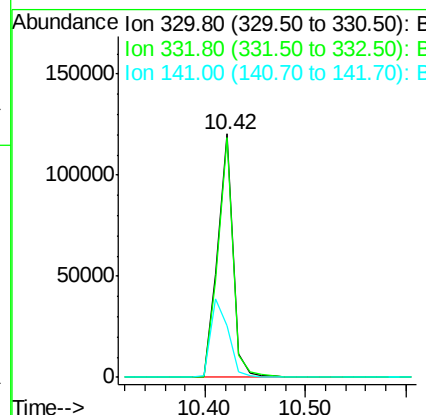
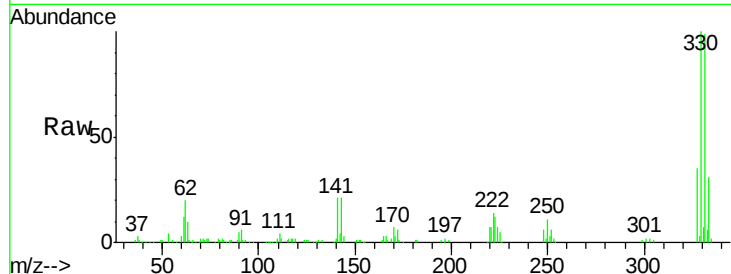
#41
 2,4,6-Tribromophenol
 Concen: 85.83 ng
 RT: 10.42 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BF088310.D
 Acq: 24 Jun 2016 1:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(0-6)

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	97.2	0.0	0.0#
141	36.9	0.0	0.0#

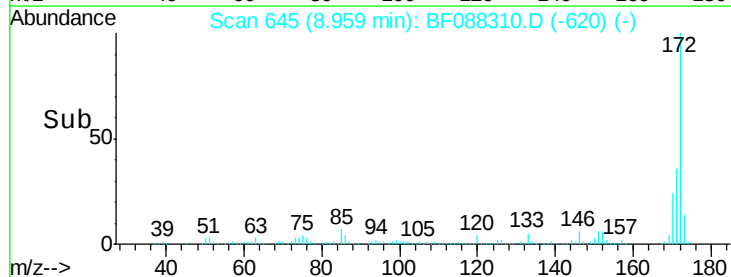
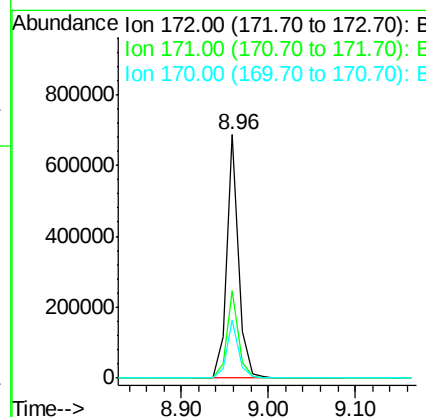
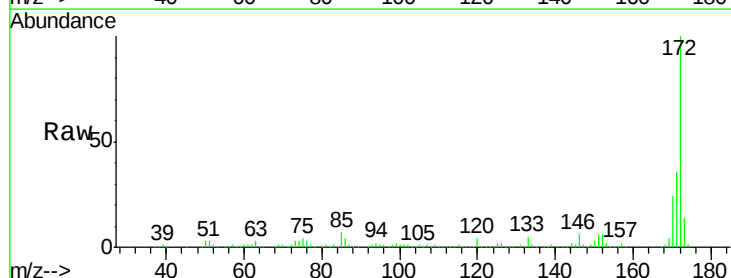
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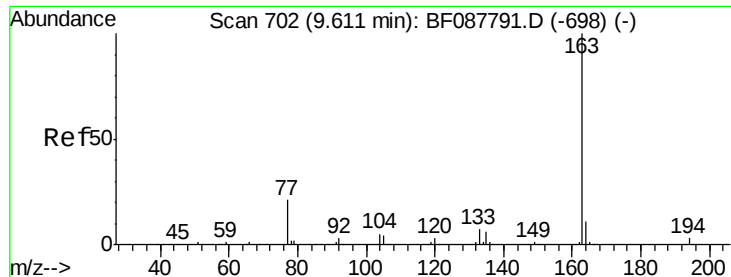
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#44
 2-Fluorobiphenyl
 Concen: 71.72 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF088310.D
 Acq: 24 Jun 2016 1:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	35.8	28.6	43.0
170	24.0	19.2	28.8





#49

Dimethylphthalate

Concen: 21.74 ng

RT: 9.36 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF088310.D

Acq: 24 Jun 2016 1:34

Instrument :

BNA_F

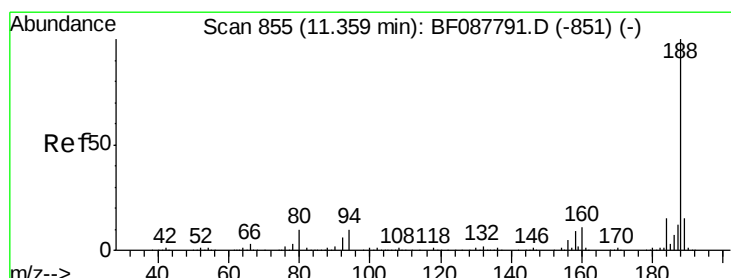
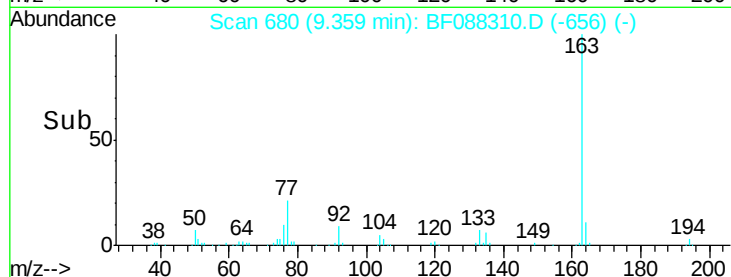
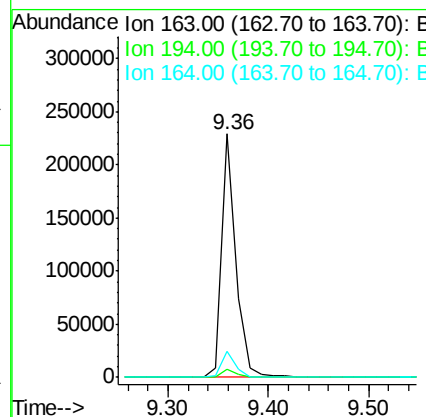
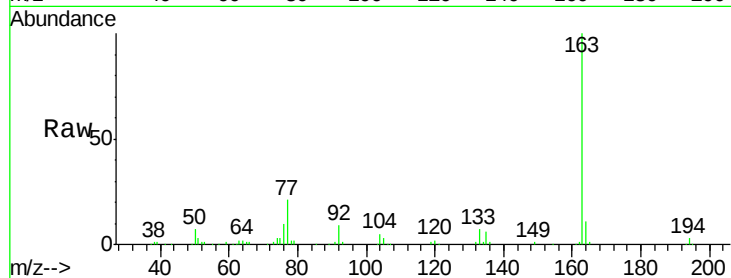
ClientSampleId :

SB-3(0-6)

Tgt Ion:	163	Resp:	224904
Ion Ratio	Lower	Upper	
163	100		
194	3.2	2.8	4.2
164	10.6	8.3	12.5

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#63

Phenanthrene-d10

Concen: 20.00 ng

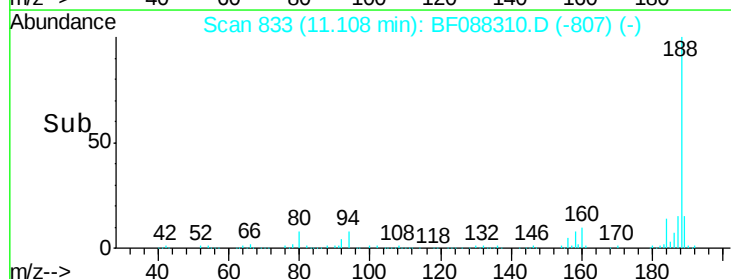
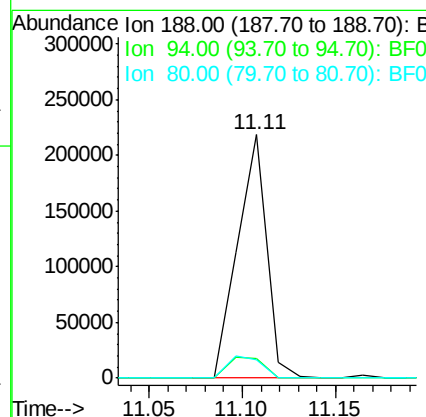
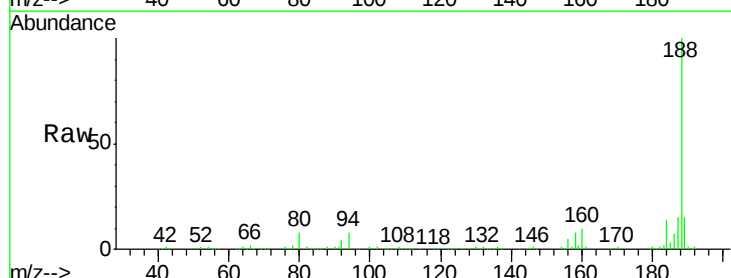
RT: 11.11 min Scan# 833

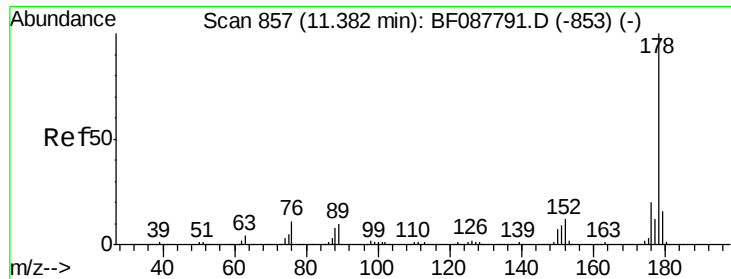
Delta R.T. 0.00 min

Lab File: BF088310.D

Acq: 24 Jun 2016 1:34

Tgt Ion:	188	Resp:	239284
Ion Ratio	Lower	Upper	
188	100		
94	7.9	9.0	13.6#
80	7.6	10.0	15.0#





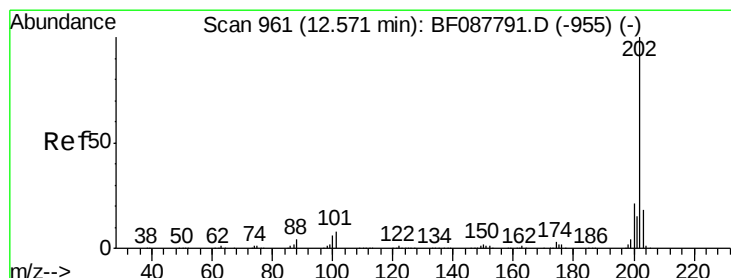
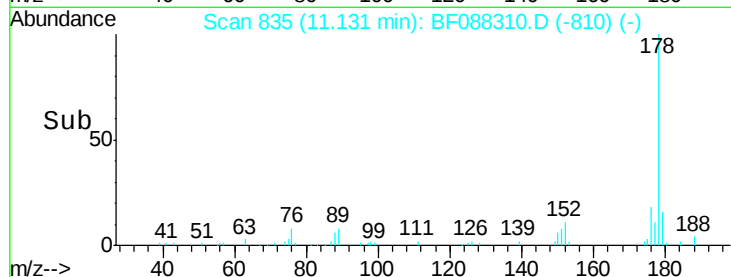
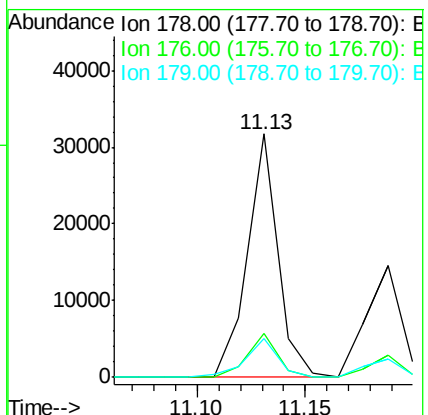
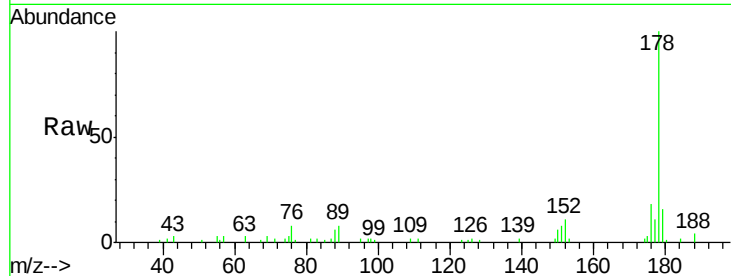
#70
Phenanthrene
Concen: 2.47 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF088310.D
Acq: 24 Jun 2016 1:34

Instrument :
BNA_F
ClientSampleId :
SB-3(0-6)

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.8	23.6
179	16.1	13.0	19.4

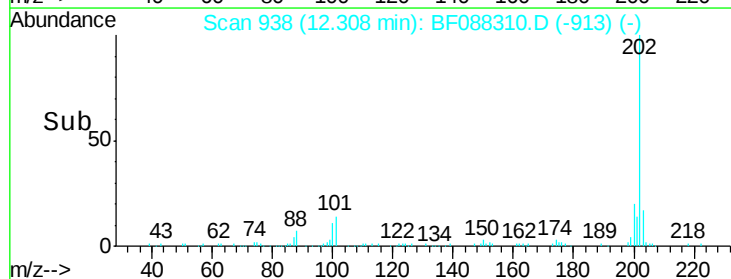
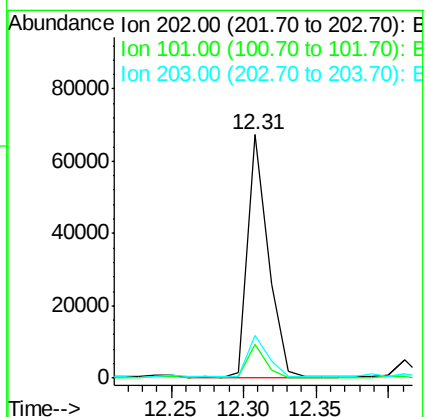
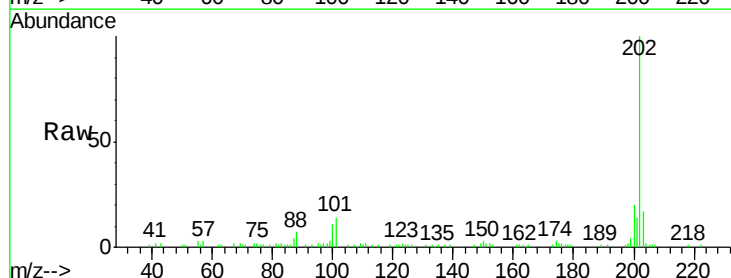
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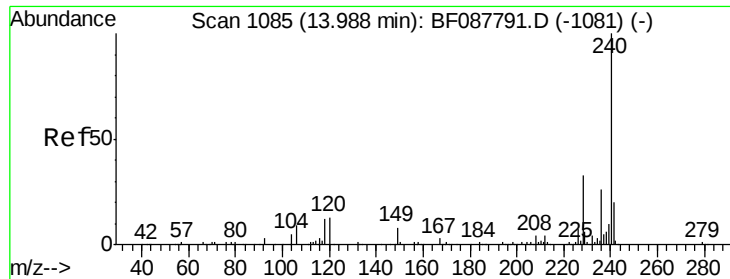
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#74
Fluoranthene
Concen: 5.11 ng
RT: 12.31 min Scan# 938
Delta R.T. -0.01 min
Lab File: BF088310.D
Acq: 24 Jun 2016 1:34

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	33.1
203	17.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.73 min Scan# 1062

Delta R.T. -0.01 min

Lab File: BF088310.D

Acq: 24 Jun 2016 1:34

Instrument :

BNA_F

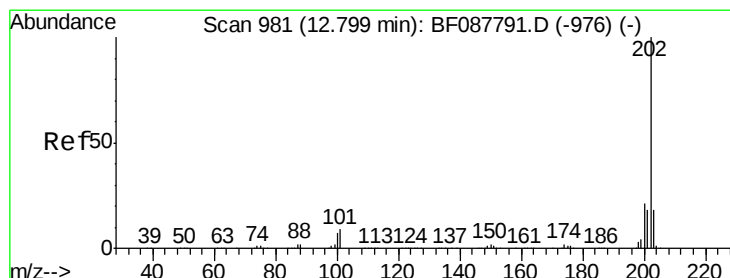
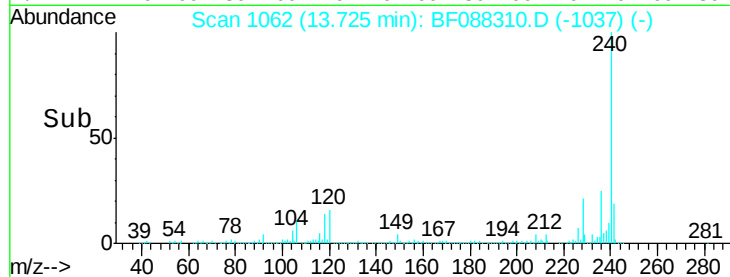
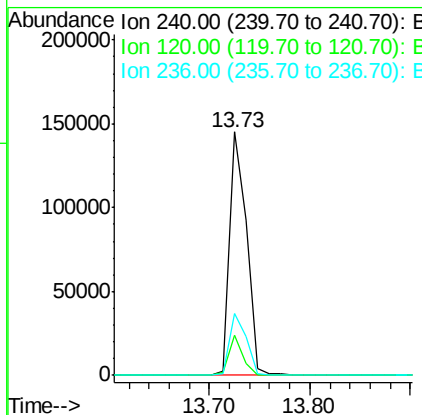
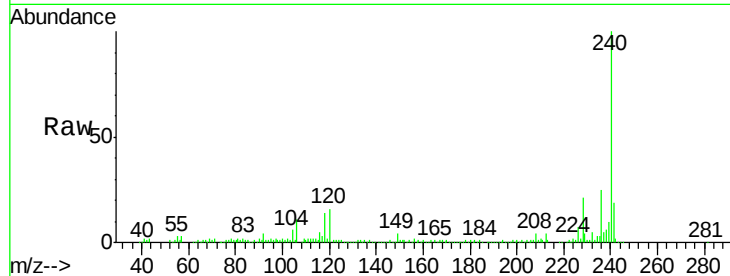
ClientSampleId :

SB-3(0-6)

Tgt Ion:	240	Resp:	169645
Ion Ratio	Lower	Upper	
240	100		
120	16.3	6.8	10.2#
236	25.2	20.2	30.2

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#77

Pyrene

Concen: 5.70 ng

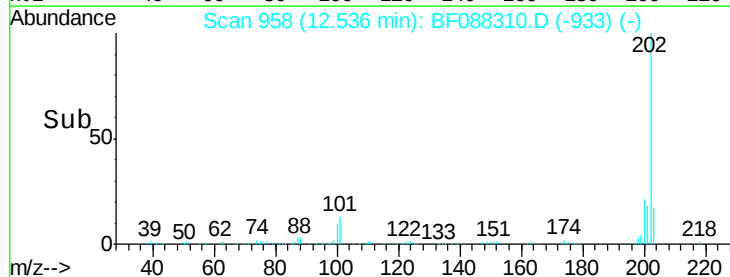
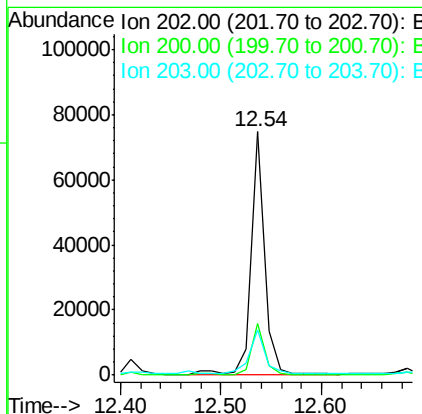
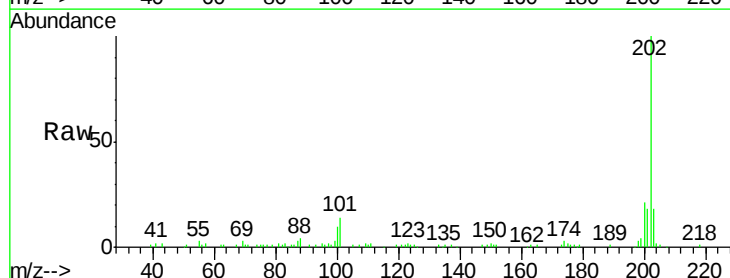
RT: 12.54 min Scan# 958

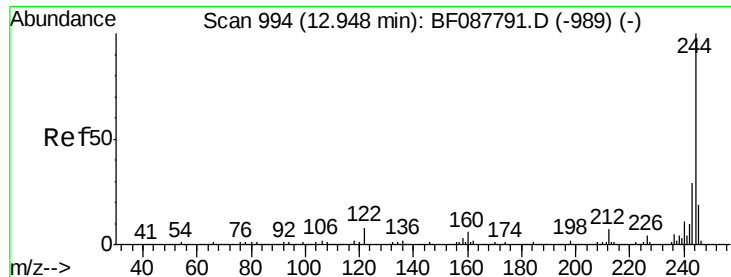
Delta R.T. -0.01 min

Lab File: BF088310.D

Acq: 24 Jun 2016 1:34

Tgt Ion:	202	Resp:	71704
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.4	26.2
203	18.4	14.5	21.7





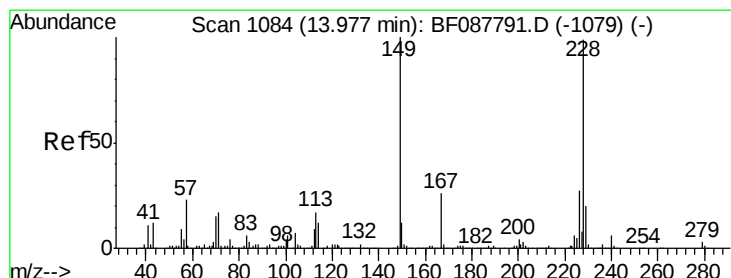
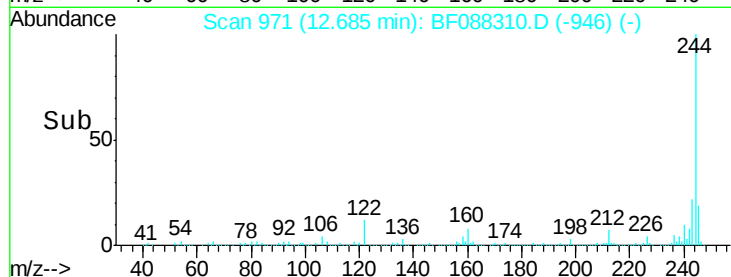
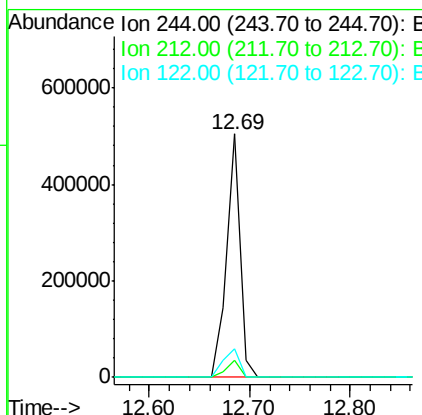
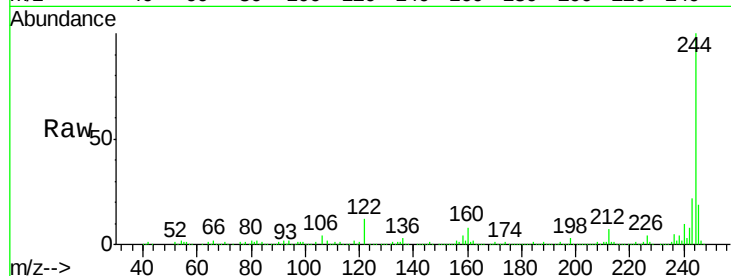
#78
 Terphenyl-d14
 Concen: 63.42 ng
 RT: 12.69 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: BF088310.D
 Acq: 24 Jun 2016 1:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(0-6)

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	11.7	11.2	16.8

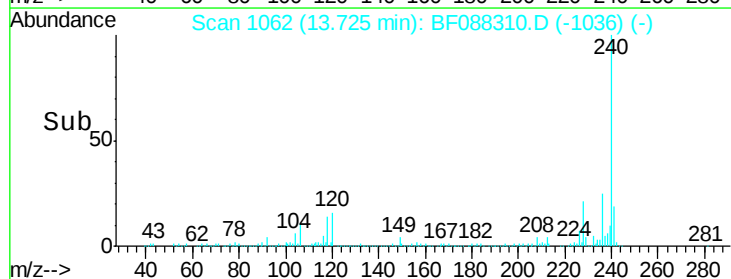
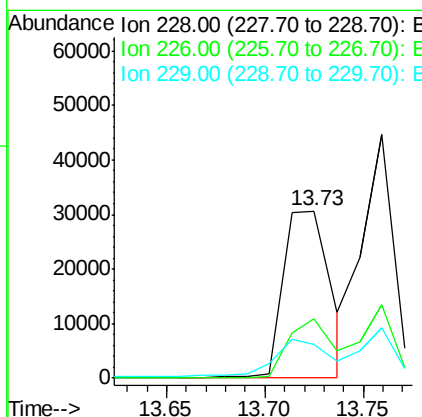
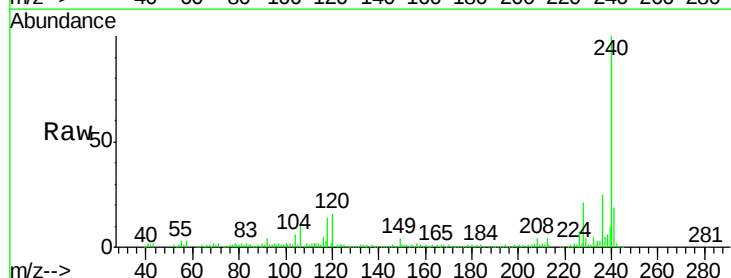
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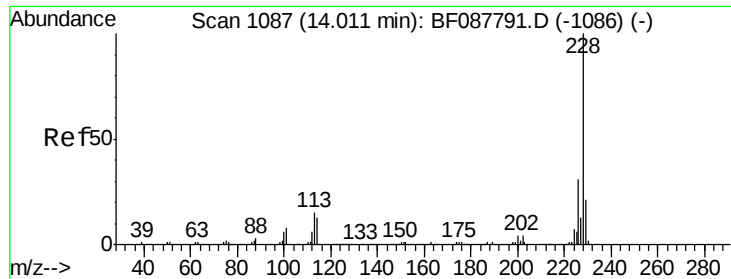
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#80
 Benzo(a)anthracene
 Concen: 5.28 ng m
 RT: 13.73 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BF088310.D
 Acq: 24 Jun 2016 1:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.3	22.3	33.5#
229	20.2	16.0	24.0





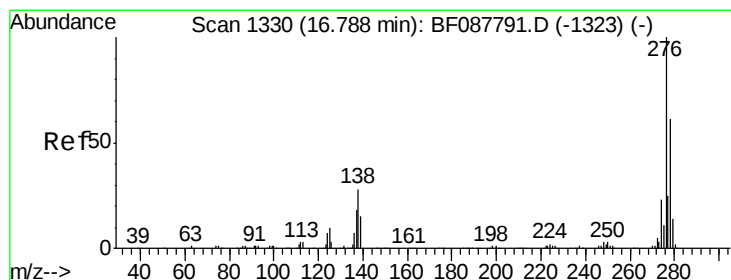
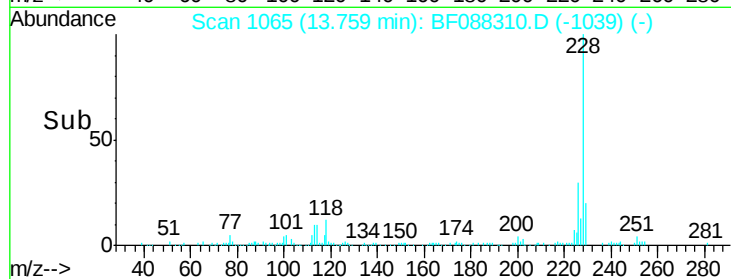
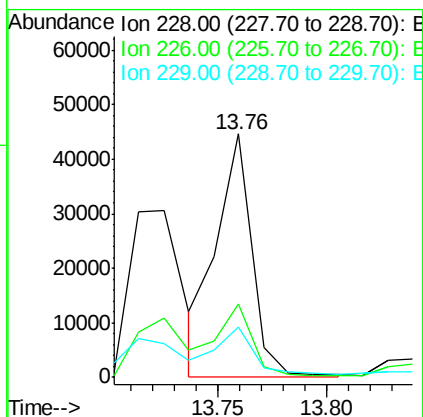
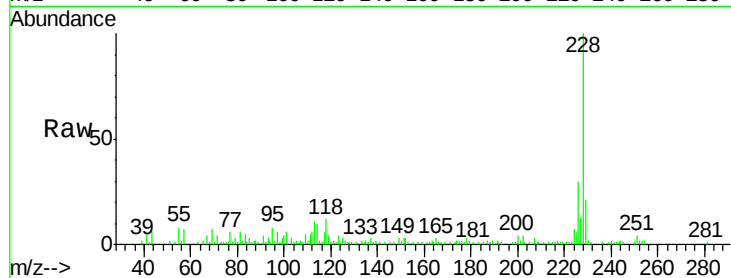
#82
Chrysene
Concen: 5.59 ng
RT: 13.76 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BF088310.D
Acq: 24 Jun 2016 1:34

Instrument :
BNA_F
ClientSampleId :
SB-3(0-6)

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.4	38.2
229	20.9	16.3	24.5

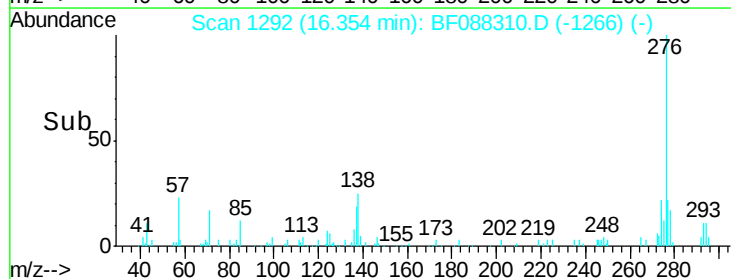
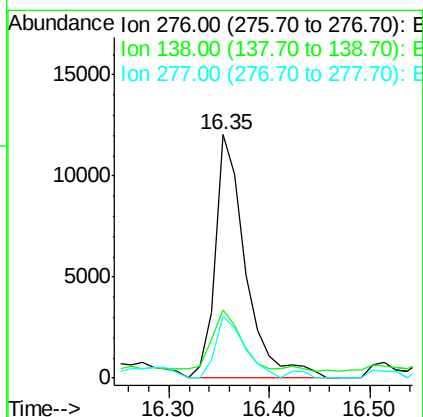
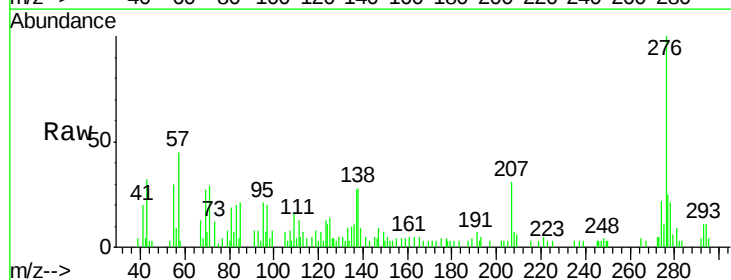
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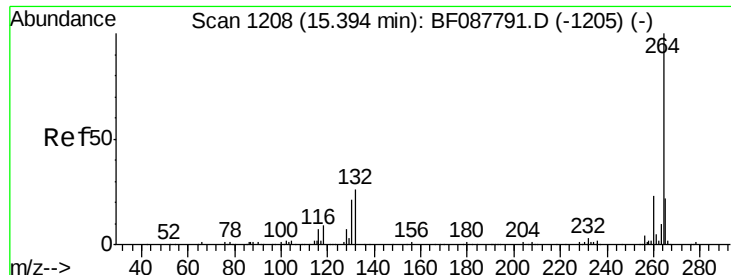
sohil
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#85
Indeno(1,2,3-cd)pyrene
Concen: 2.99 ng
RT: 16.35 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BF088310.D
Acq: 24 Jun 2016 1:34

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.9	0.0	0.0#
277	24.5	0.0	0.0#





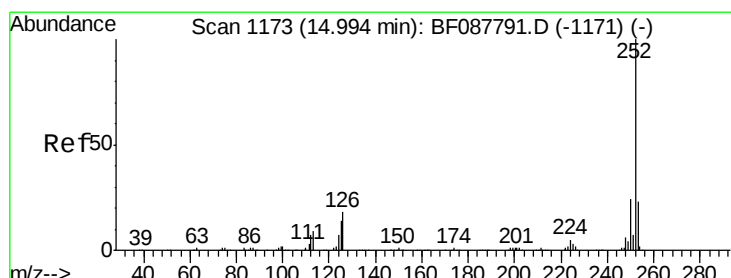
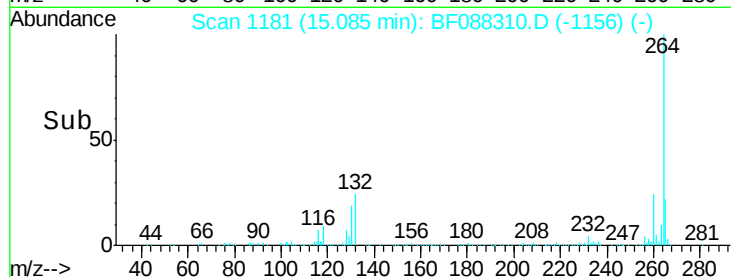
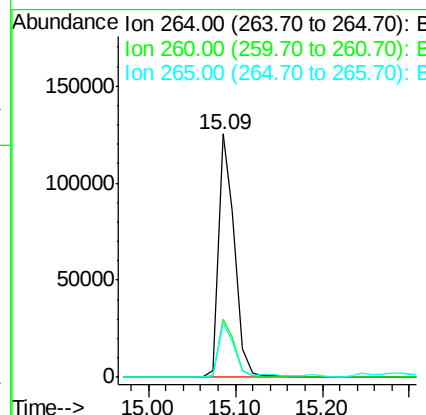
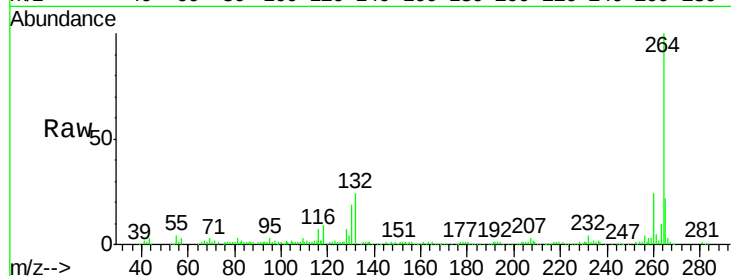
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.09 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF088310.D
Acq: 24 Jun 2016 1:34

Instrument :
BNA_F
ClientSampleId :
SB-3(0-6)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.4	16.9	25.3

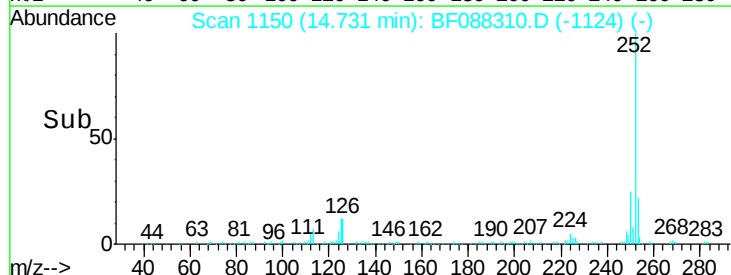
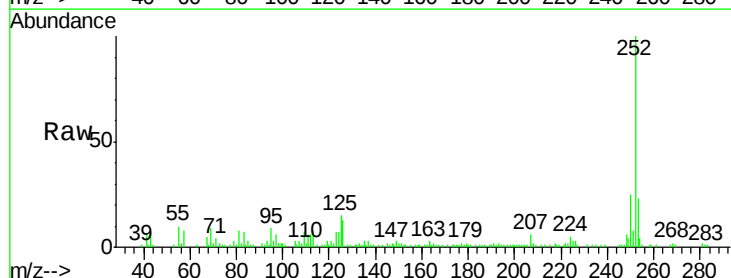
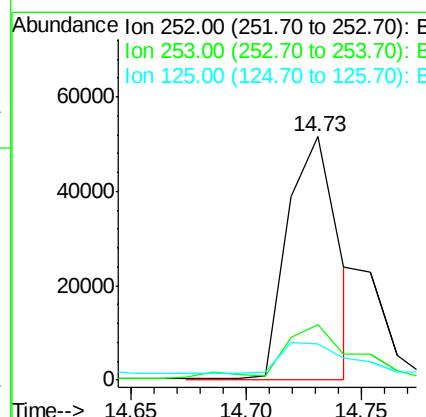
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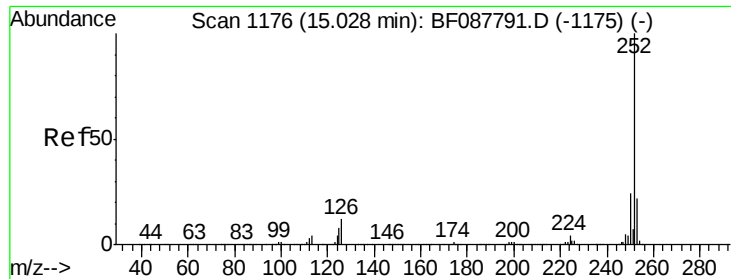
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#87
Benzo(b)fluoranthene
Concen: 7.03 ng m
RT: 14.73 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BF088310.D
Acq: 24 Jun 2016 1:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	14.9	7.1	10.7#





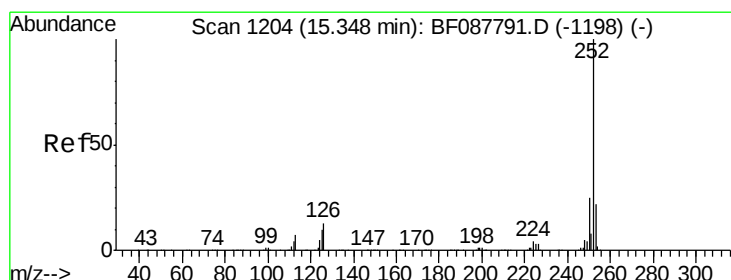
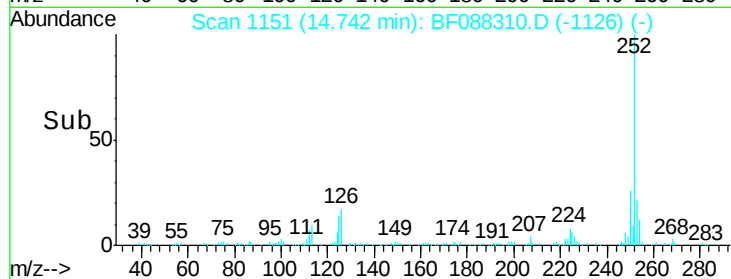
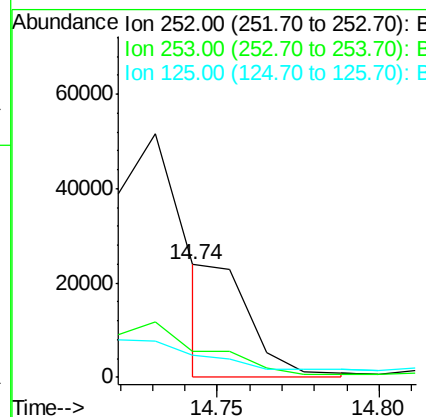
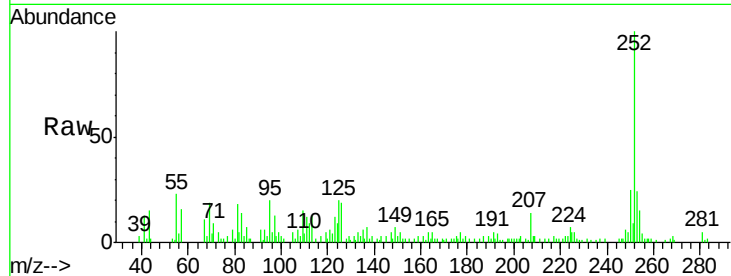
#88
Benzo(k)fluoranthene
Concen: 2.41 ng m
RT: 14.74 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF088310.D
Acq: 24 Jun 2016 1:34

Instrument :
BNA_F
ClientSampleId :
SB-3(0-6)

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.0	27.0
125	19.9	11.2	16.8

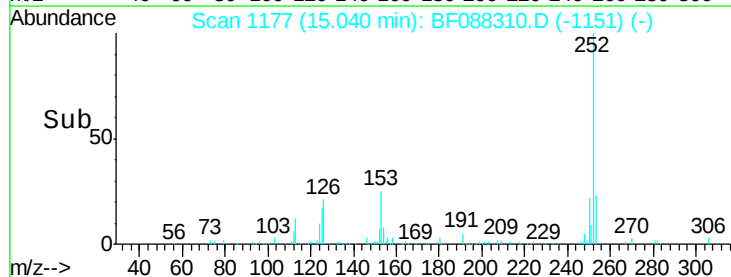
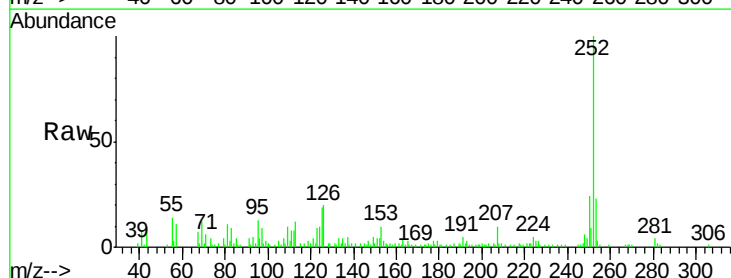
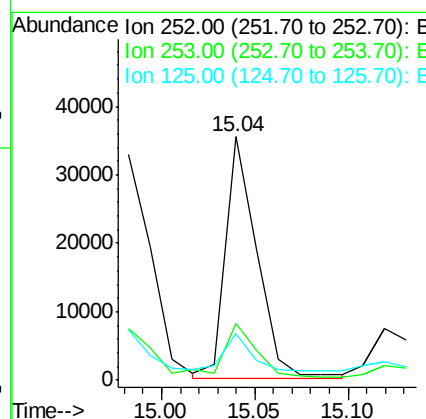
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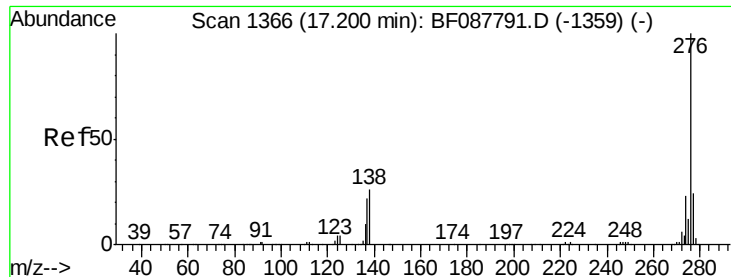
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#89
Benzo(a)pyrene
Concen: 4.57 ng
RT: 15.04 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BF088310.D
Acq: 24 Jun 2016 1:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	18.9	12.5	18.7





#91
 Benzo(g,h,i)perylene
 Concen: 2.57 ng
 RT: 16.73 min Scan# 1325
 Delta R.T. 0.00 min
 Lab File: BF088310.D
 Acq: 24 Jun 2016 1:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(0-6)

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	24.7	18.9	28.3
138	30.8	21.4	32.2

Manual Integrations
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