

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071216\
 Data File : BF088936.D
 Acq On : 12 Jul 2016 23:27
 Operator : UM/SJ
 Sample : H3935-21
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C3-03

Manual Integrations

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 7/13/2016 9:26:26 AM

Quant Time: Jul 13 04:03:03 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	61851	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	230325	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	93695	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	141337	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	129462	20.00	ng	-0.01
86) Perylene-d12	15.21	264	113544	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	362220	87.77	ng	0.01
7) Phenol-d6	6.35	99	447196	83.86	ng	0.00
23) Nitrobenzene-d5	7.27	82	328154	74.66	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	70850	81.43	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	560978	94.57	ng	0.00
78) Terphenyl-d14	12.80	244	312103	53.70	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.46	163	100503	15.06	ng	99
74) Fluoranthene	12.42	202	32221	4.11	ng	96
77) Pyrene	12.64	202	31888	2.90	ng	97
80) Benzo(a)anthracene	13.83	228	25221	3.03	ng	92
82) Chrysene	13.86	228	33936	4.11	ng	97
85) Indeno(1,2,3-cd)pyrene	16.49	276	13451	2.12	ng	# 100
87) Benzo(b)fluoranthene	14.83	252	39477m	5.54	ng	
88) Benzo(k)fluoranthene	14.85	252	13165m	2.12	ng	
89) Benzo(a)pyrene	15.15	252	21035	3.49	ng	98
91) Benzo(g,h,i)perylene	16.88	276	14206	2.73	ng	97

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

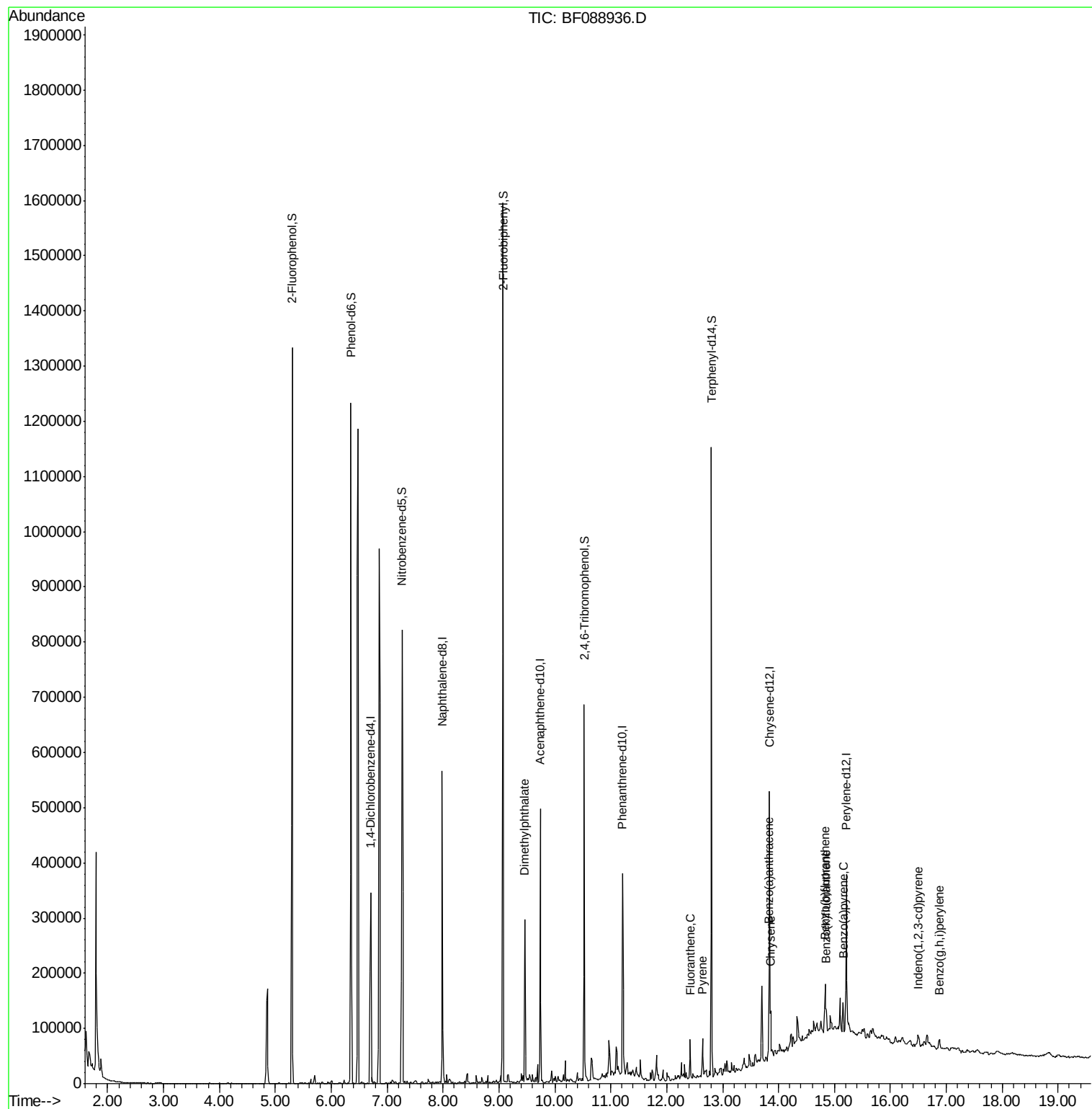
Data Path : Z:\HPCHEM1\BNA F\DATA\BF071216\
Data File : BF088936.D
Acq On : 12 Jul 2016 23:27
Operator : UM/SJ
Sample : H3935-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

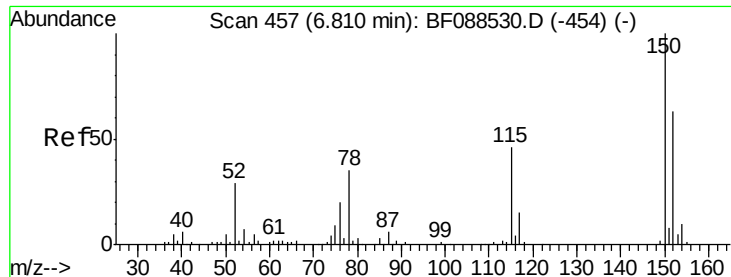
Instrument :
BNA_F
ClientSampleId :
C3-03

Manual Integrations

Quant Time: Jul 13 04:03:03 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
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#1

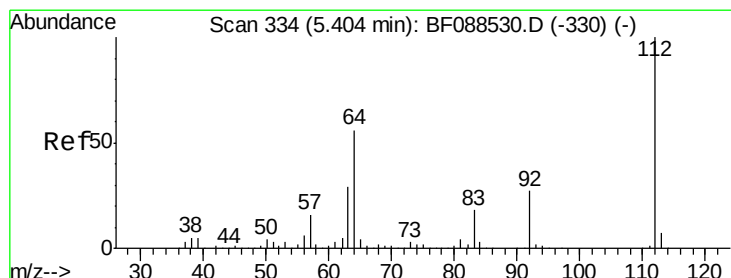
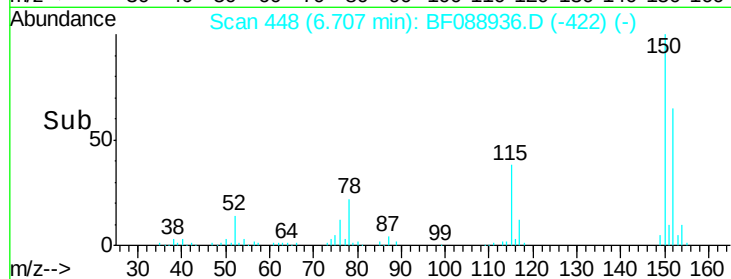
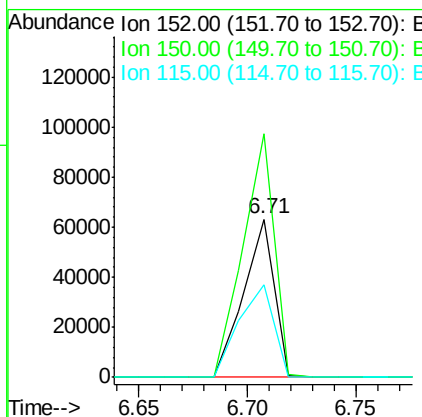
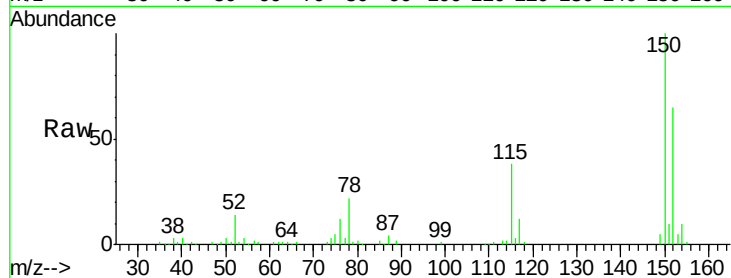
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Instrument :
BNA_F
ClientSampled :
C3-03

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	123.8	185.6
115	58.4	39.6	59.4

Manual Integrations

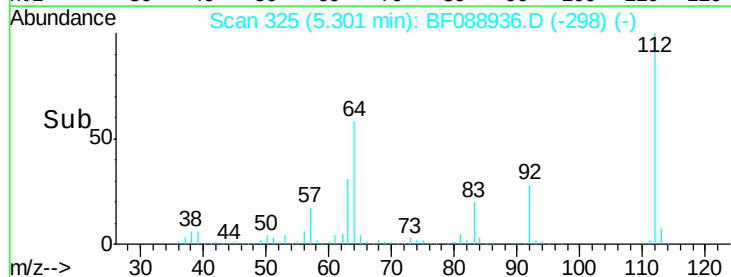
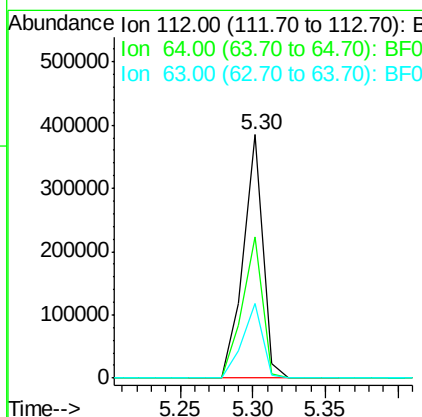
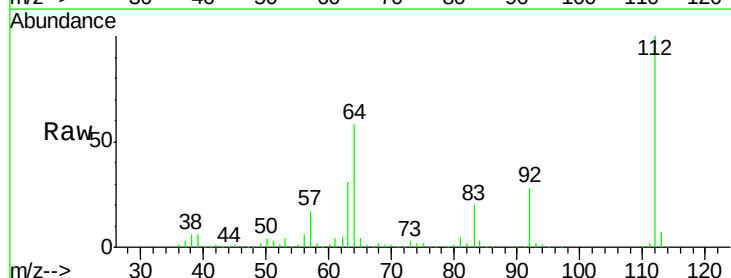
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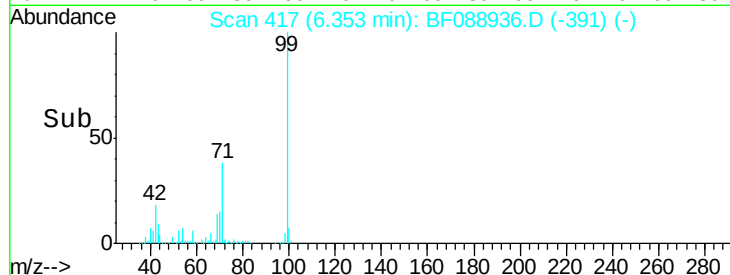
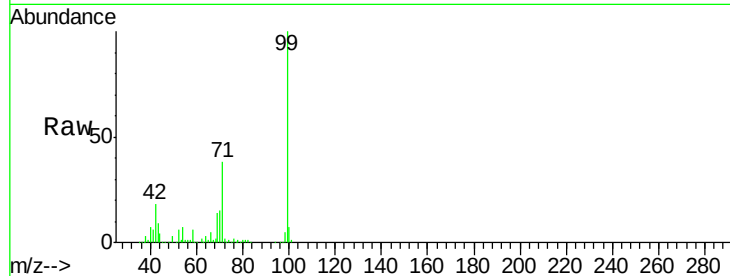
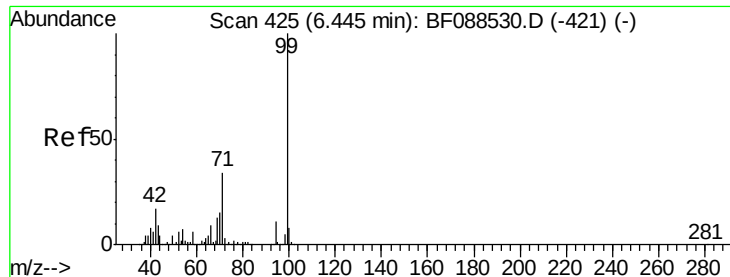


#5

2-Fluorophenol
Concen: 87.77 ng
RT: 5.30 min Scan# 325
Delta R.T. 0.01 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.9	42.2	63.2
63	30.7	21.8	32.8





#7

Phenol-d6

Concen: 83.86 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF088936.D

Acq: 12 Jul 2016 23:27

Instrument :

BNA_F

ClientSampled :

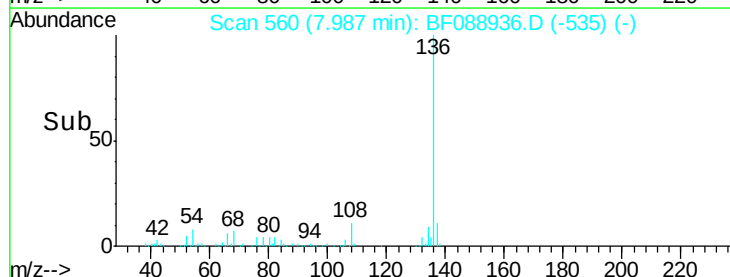
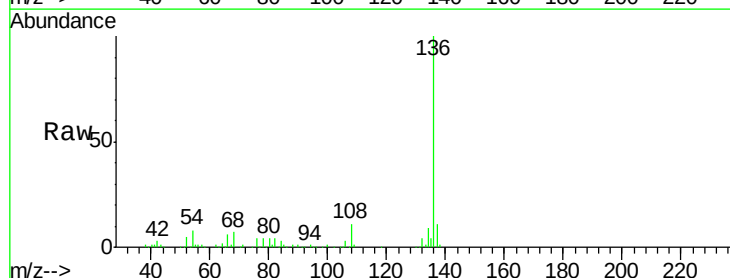
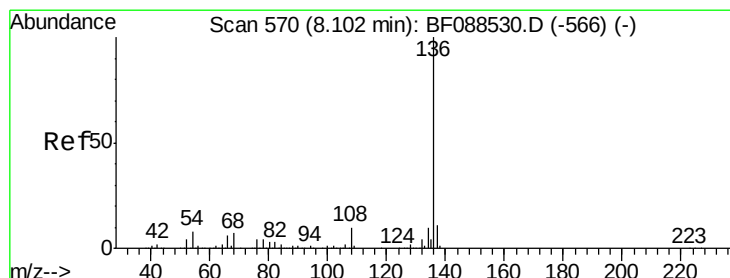
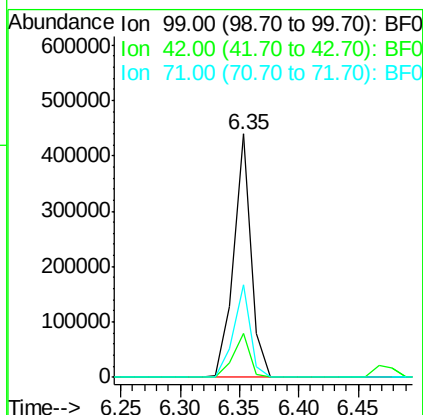
C3-03

Tot Ion:	99	Resp:	447196
Ion Ratio	Lower	Upper	
99	100		
42	18.2	12.2	18.2
71	38.1	23.4	35.0

Manual Integrations

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#21

Naphthalene-d8

Concen: 20.00 ng

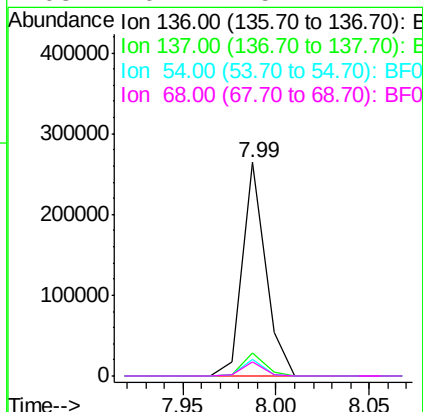
RT: 7.99 min Scan# 560

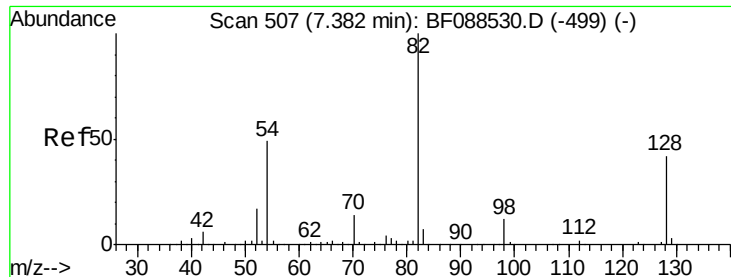
Delta R.T. -0.01 min

Lab File: BF088936.D

Acq: 12 Jul 2016 23:27

Tgt Ion:	136	Resp:	230325
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.1	13.7
54	8.1	6.6	10.0
68	6.7	5.1	7.7





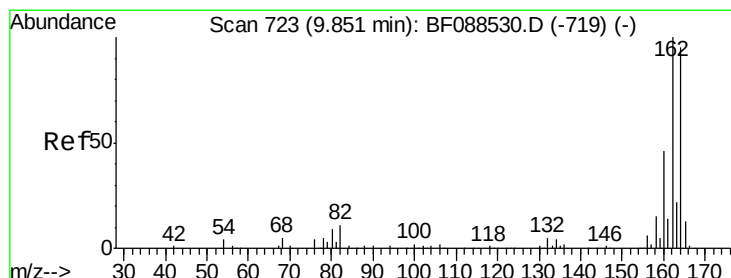
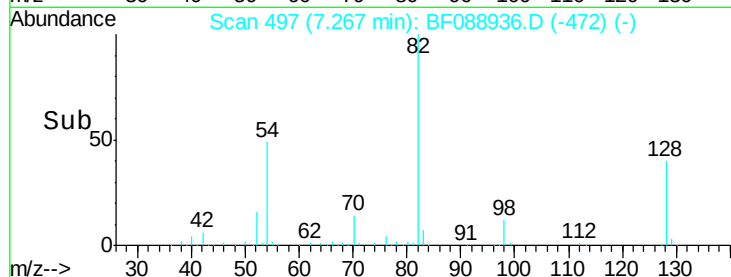
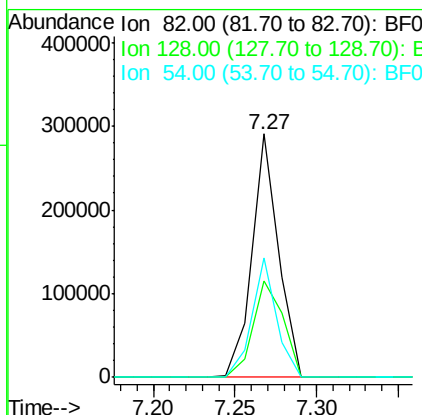
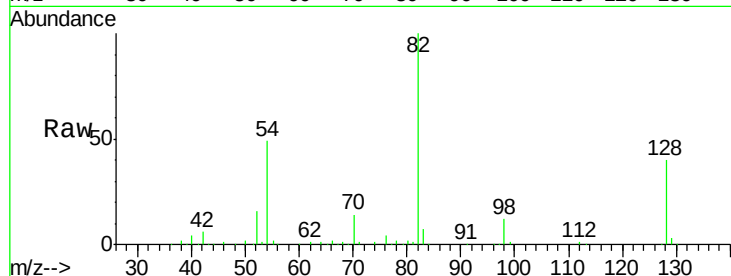
#23
 Nitrobenzene-d5
 Concen: 74.66 ng
 RT: 7.27 min Scan# 497
 Delta R.T. -0.01 min
 Lab File: BF088936.D
 Acq: 12 Jul 2016 23:27

Instrument :
 BNA_F
 ClientSampled :
 C3-03

Tot Ion:	82	Resp:	328154
Ion Ratio	Lower	Upper	
82	100		
128	39.7	35.9	53.9
54	49.0	40.9	61.3

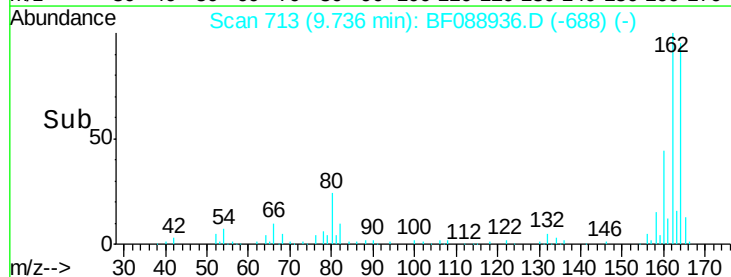
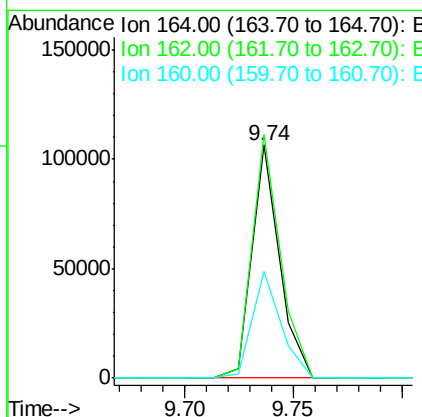
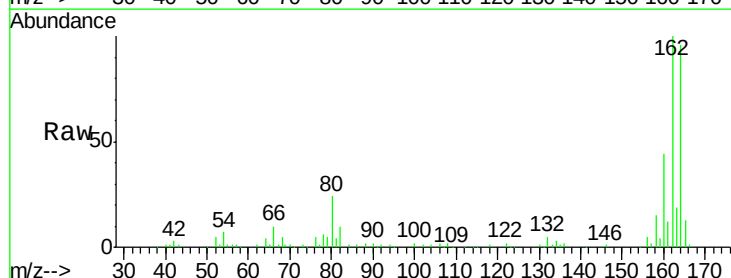
Manual Integrations

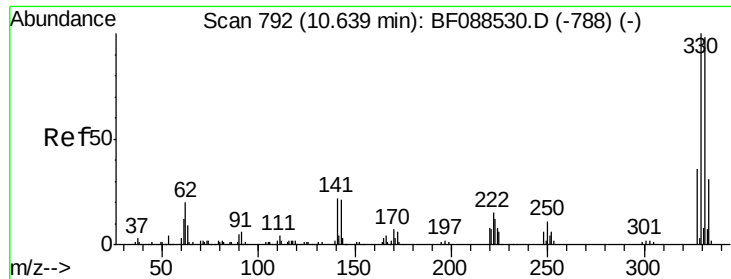
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: BF088936.D
 Acq: 12 Jul 2016 23:27

Tgt Ion:	164	Resp:	93695
Ion Ratio	Lower	Upper	
164	100		
162	104.4	85.4	128.2
160	45.9	39.5	59.3





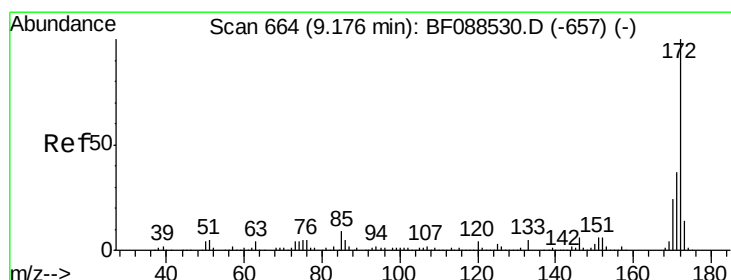
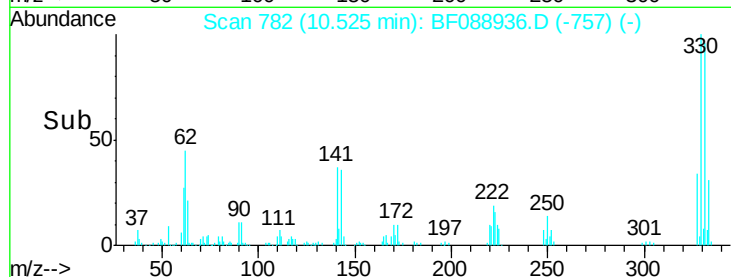
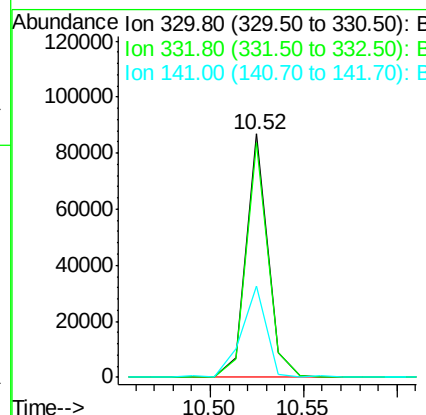
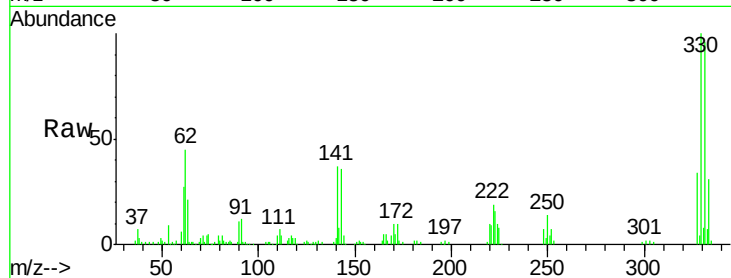
#41
 2,4,6-Tribromophenol
 Concen: 81.43 ng
 RT: 10.52 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF088936.D
 Acq: 12 Jul 2016 23:27

Instrument :
 BNA_F
 ClientSampleId :
 C3-03

Tot Ion	Ratio	Resp	Lower	Upper
330	100	70850		
332	96.1	0.0	0.0	0.0
141	43.7	0.0	0.0	0.0

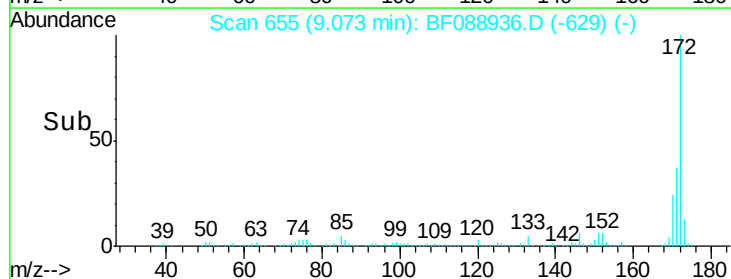
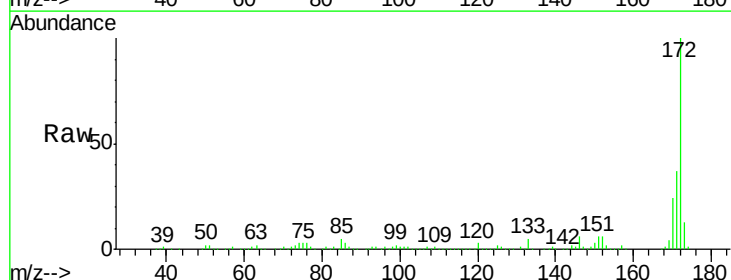
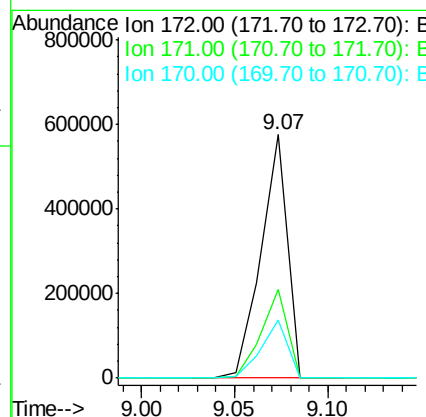
Manual Integrations

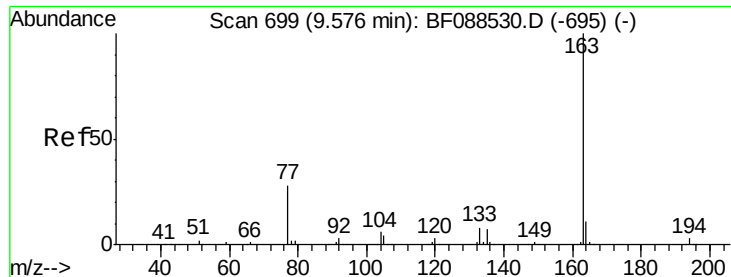
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#44
 2-Fluorobiphenyl
 Concen: 94.57 ng
 RT: 9.07 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF088936.D
 Acq: 12 Jul 2016 23:27

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	560978		
171	36.6	28.6	43.0	
170	24.1	19.2	28.8	





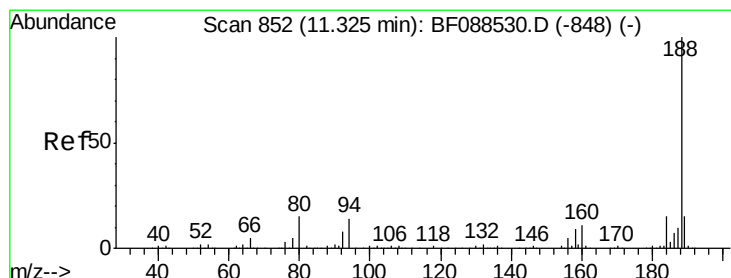
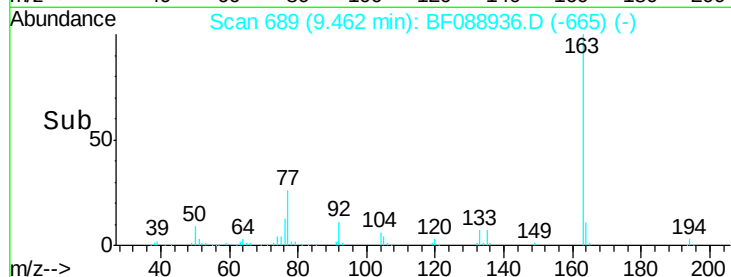
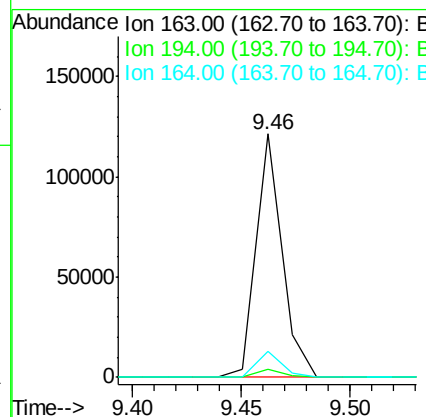
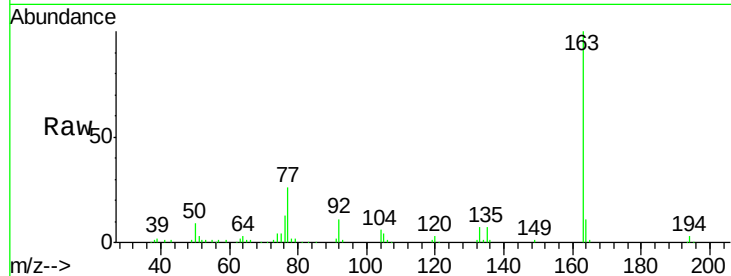
#49
Dimethylphthalate
Concen: 15.06 ng
RT: 9.46 min Scan# 689
Delta R.T. -0.02 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Instrument :
BNA_F
ClientSampleId :
C3-03

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.8	4.2
164	10.6	8.3	12.5

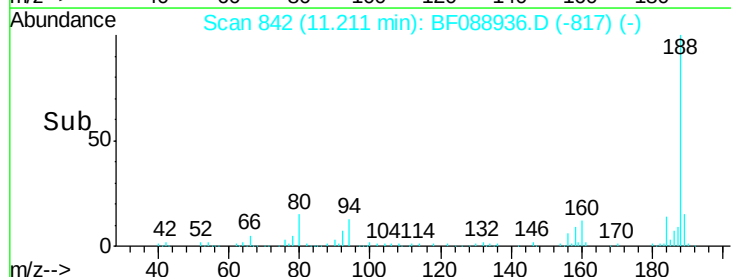
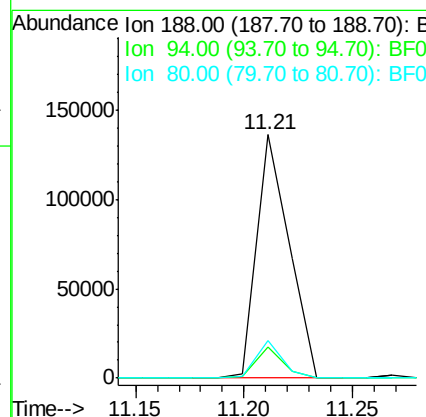
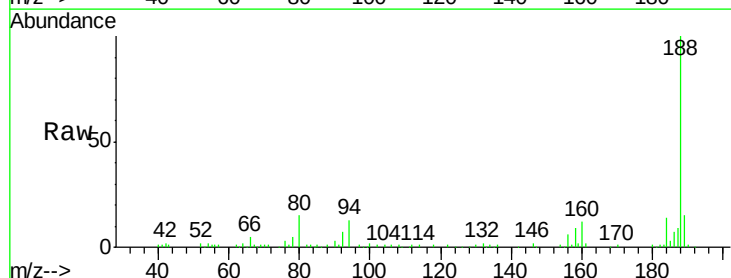
Manual Integrations

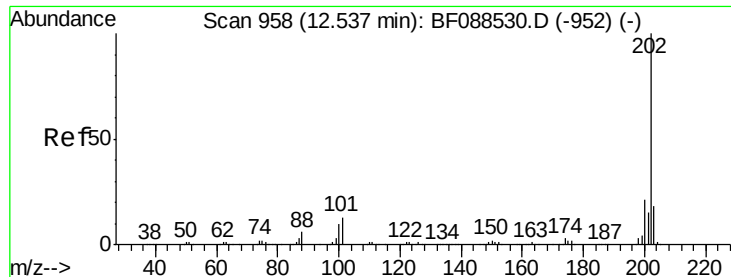
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.9	9.0	13.6
80	15.2	10.0	15.0





#74

Fluoranthene

Concen: 4.11 ng

RT: 12.42 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF088936.D

Acq: 12 Jul 2016 23:27

Instrument :

BNA_F

ClientSampleId :

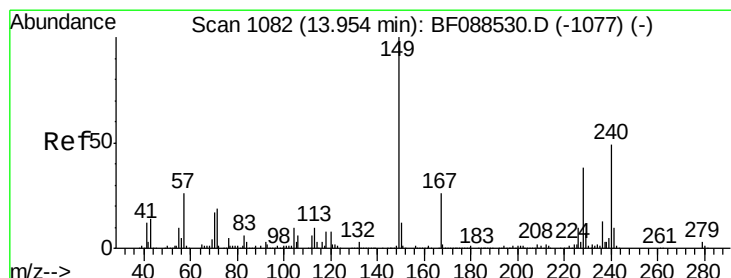
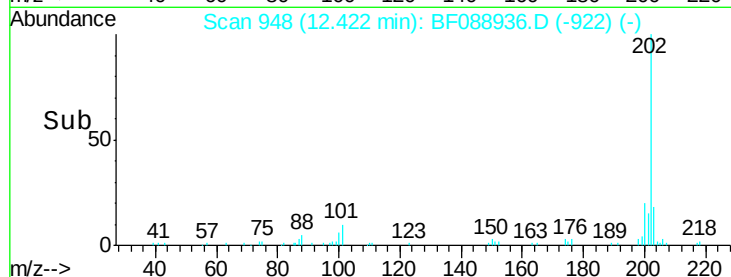
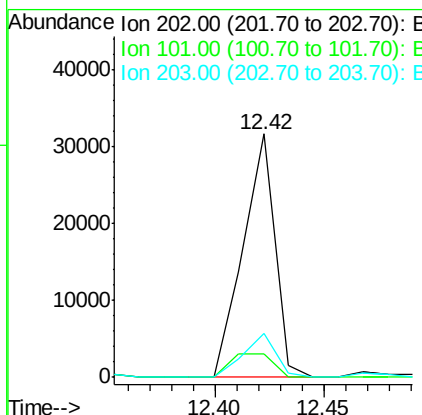
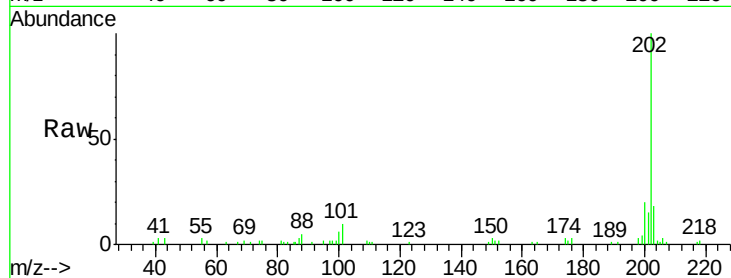
C3-03

Tot Ion:	202	Resp:	32221
Ion Ratio	Lower	Upper	
202	100		
101	9.8	0.0	33.1
203	18.1	0.0	38.1

Manual Integrations

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#75

Chrysene-d12

Concen: 20.00 ng

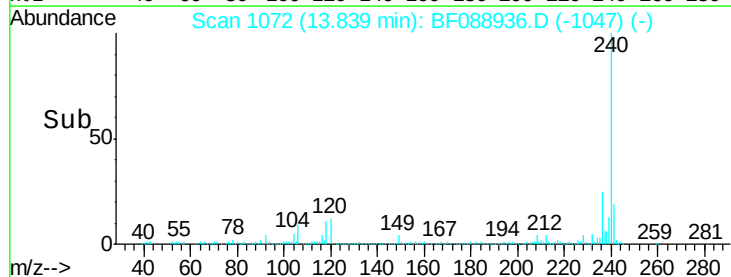
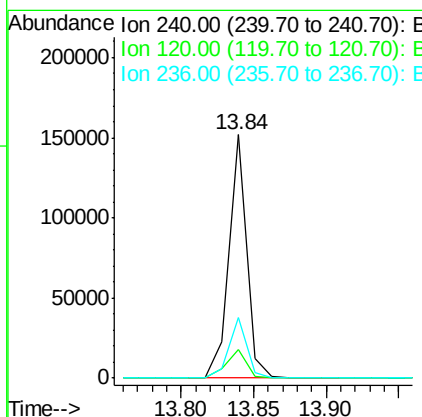
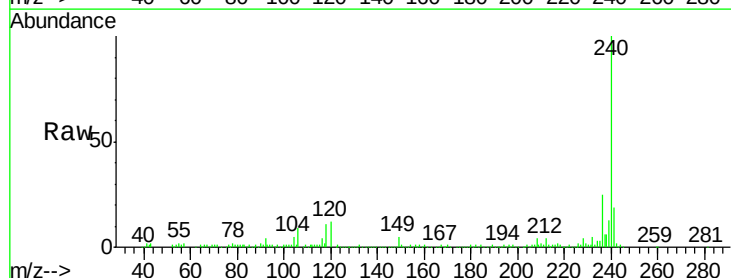
RT: 13.84 min Scan# 1072

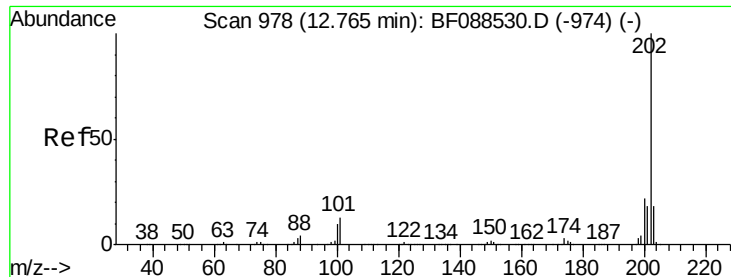
Delta R.T. -0.01 min

Lab File: BF088936.D

Acq: 12 Jul 2016 23:27

Tgt Ion:	240	Resp:	129462
Ion Ratio	Lower	Upper	
240	100		
120	11.7	6.8	10.2#
236	25.1	20.2	30.2





#77

Pvrene

Concen: 2.90 ng

RT: 12.64 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF088936.D

Acq: 12 Jul 2016 23:27

Instrument :

BNA_F

ClientSampleId :

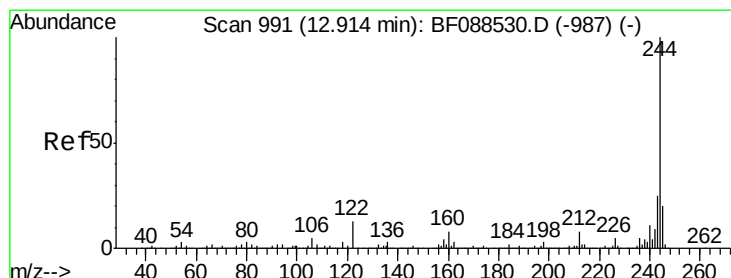
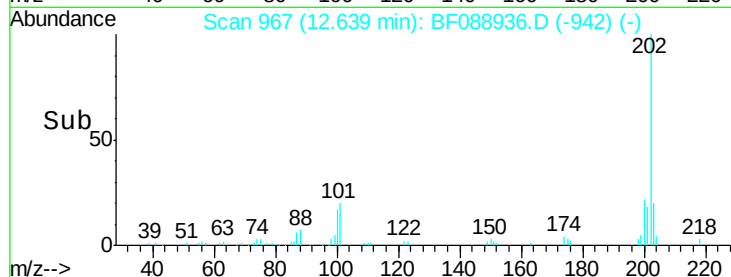
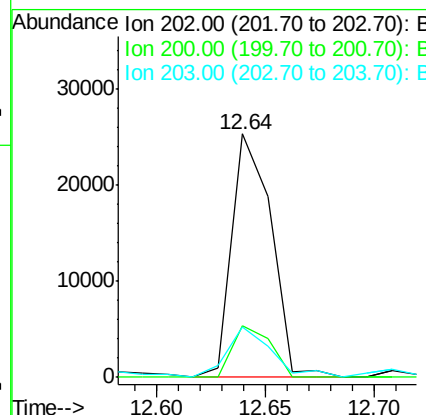
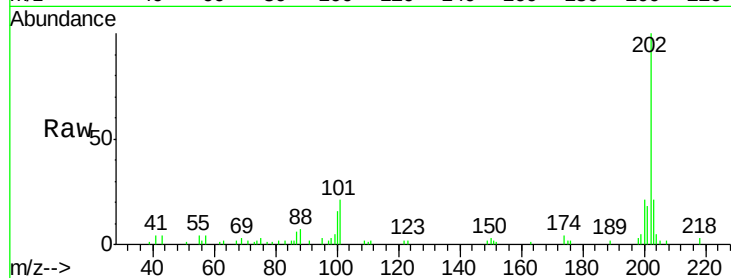
C3-03

Tot Ion:	202	Resp:	31888
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.4	26.2
203	20.8	14.5	21.7

Manual Integrations

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#78

Terphenyl-d14

Concen: 53.70 ng

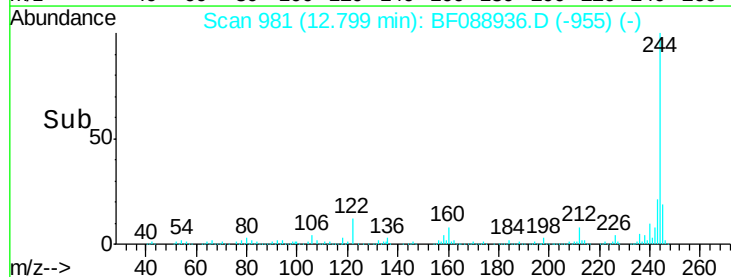
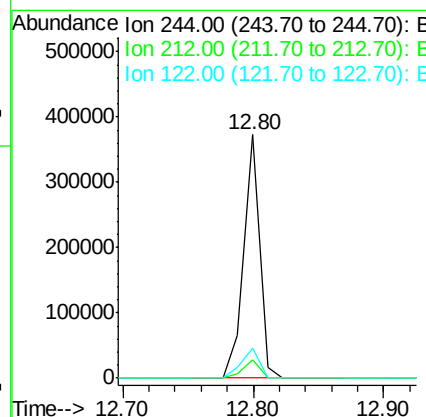
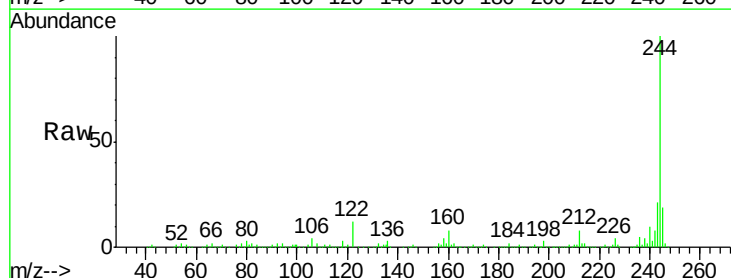
RT: 12.80 min Scan# 981

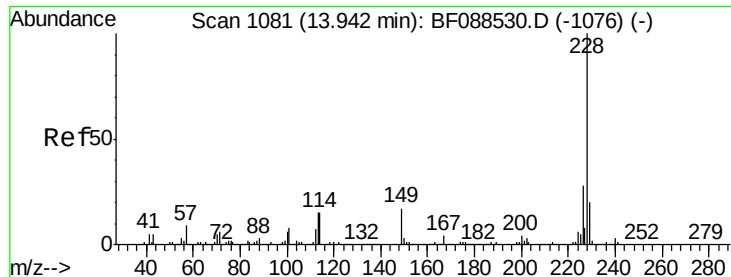
Delta R.T. 0.00 min

Lab File: BF088936.D

Acq: 12 Jul 2016 23:27

Tgt Ion:	244	Resp:	312103
Ion Ratio	Lower	Upper	
244	100		
212	7.5	6.0	9.0
122	12.0	11.2	16.8





#80

Benzo(a)anthracene

Concen: 3.03 ng

RT: 13.83 min Scan# 1071

Delta R.T. -0.01 min

Lab File: BF088936.D

Acq: 12 Jul 2016 23:27

Instrument :

BNA_F

ClientSampled :

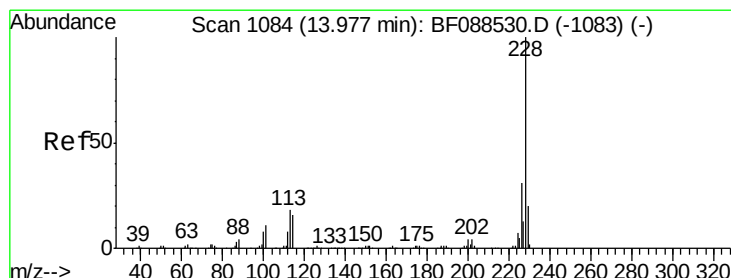
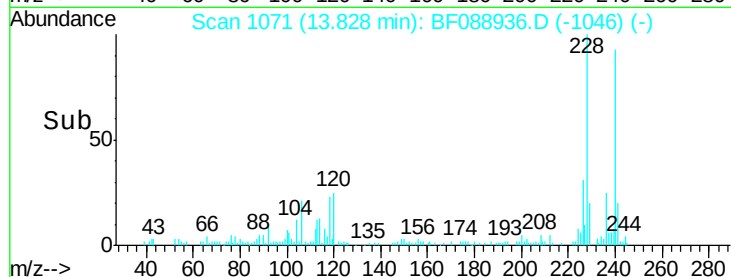
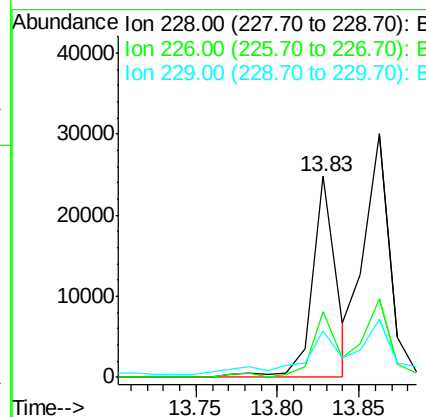
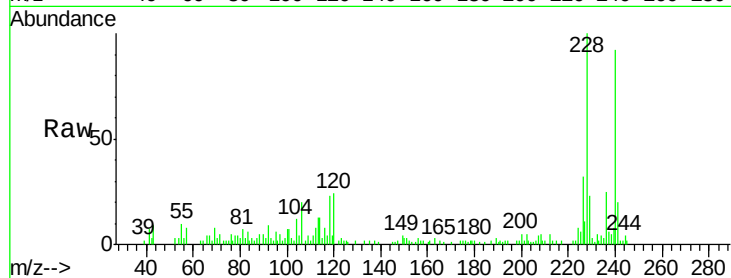
C3-03

Tot Ion:228	Resp:	25221
Ion Ratio	Lower	Upper
228	100	
226	32.4	22.3 33.5
229	23.0	16.0 24.0

Manual Integrations

SOHIL

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#82

Chrysene

Concen: 4.11 ng

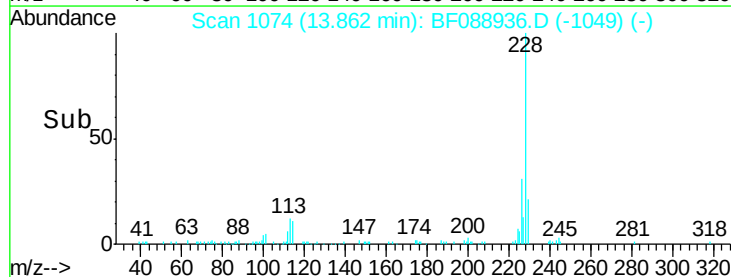
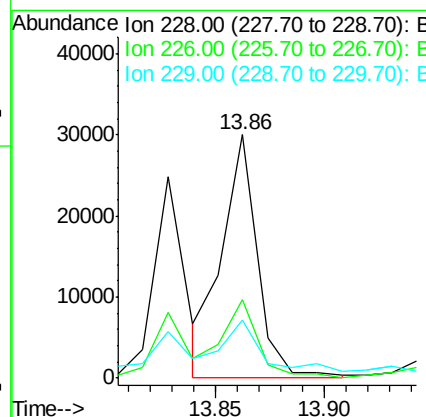
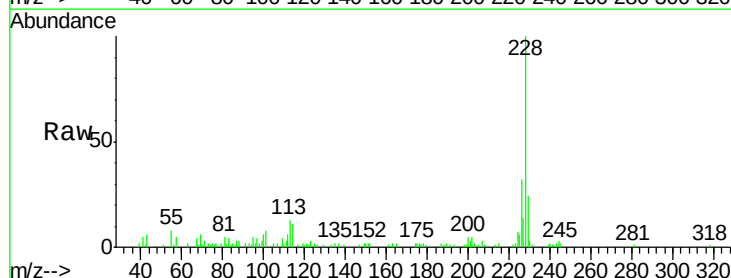
RT: 13.86 min Scan# 1074

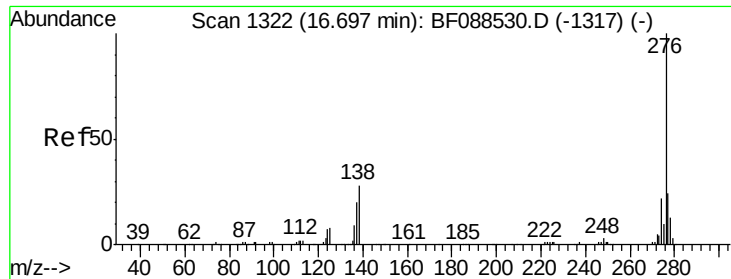
Delta R.T. -0.01 min

Lab File: BF088936.D

Acq: 12 Jul 2016 23:27

Tgt Ion:228	Resp:	33936
Ion Ratio	Lower	Upper
228	100	
226	32.1	25.4 38.2
229	23.9	16.3 24.5





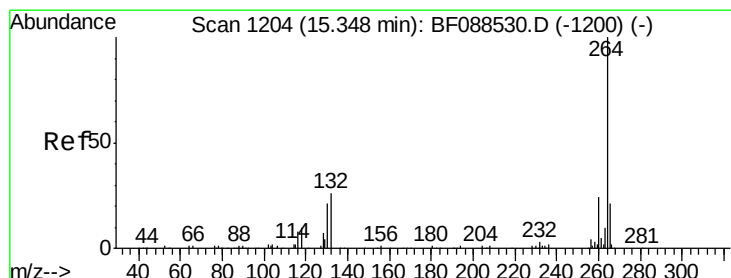
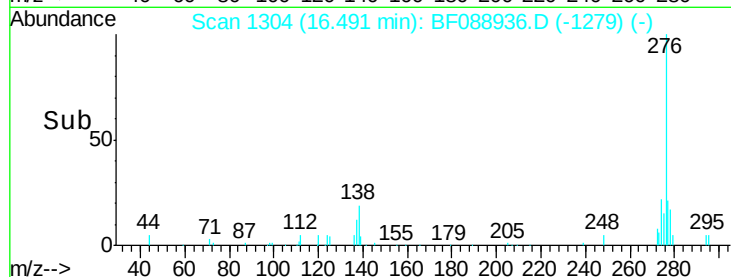
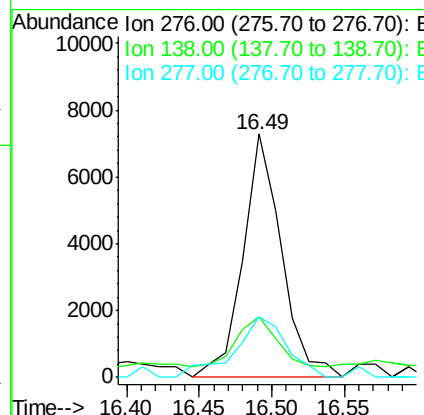
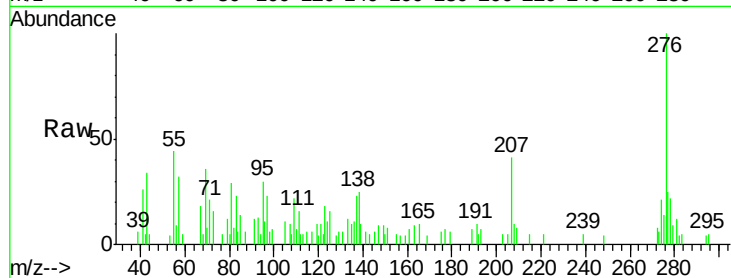
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.12 ng
 RT: 16.49 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF088936.D
 Acq: 12 Jul 2016 23:27

Instrument :
 BNA_F
 ClientSampleId :
 C3-03

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.4	0.0	0.0#
277	33.7	0.0	0.0#

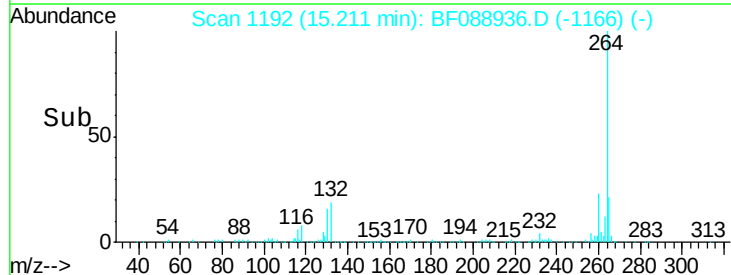
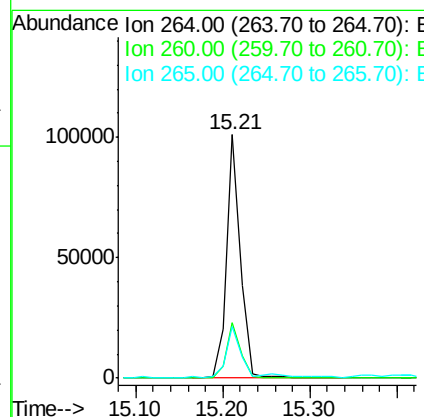
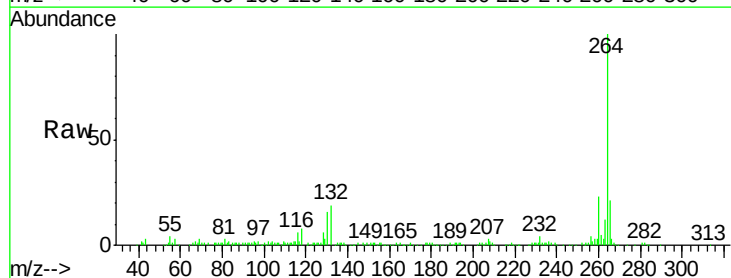
Manual Integrations

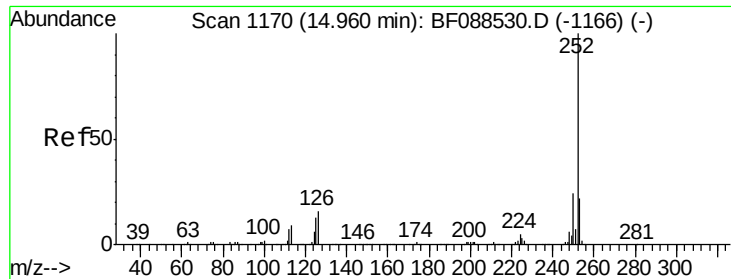
SOHIL
 7/13/2016 9:26:26 AM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF088936.D
 Acq: 12 Jul 2016 23:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.5	16.9	25.3





#87

Benzo(b)fluoranthene

Concen: 5.54 ng m

RT: 14.83 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF088936.D

Acq: 12 Jul 2016 23:27

Instrument :

BNA_F

ClientSampleId :

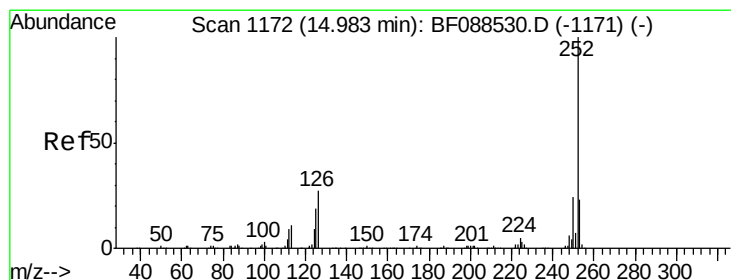
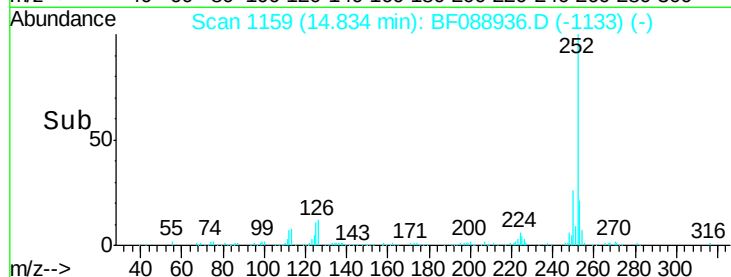
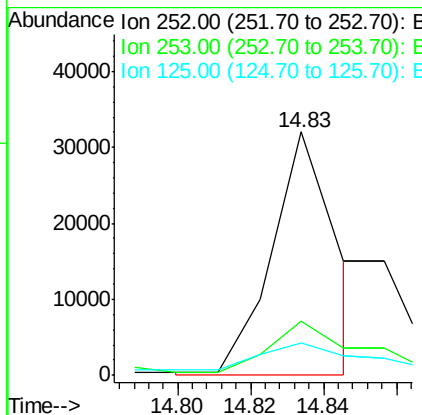
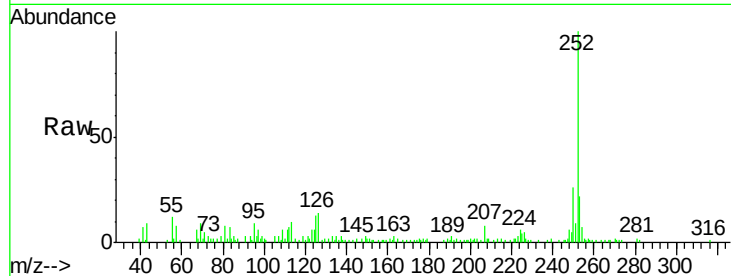
C3-03

Tot Ion:	252	Resp:	39477
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.4	26.2
125	13.3	7.1	10.7

Manual Integrations

SOHIL

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#88

Benzo(k)fluoranthene

Concen: 2.12 ng m

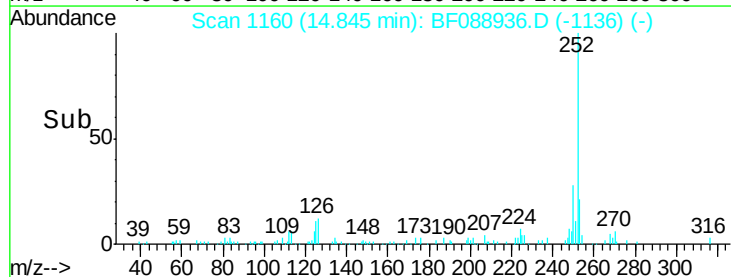
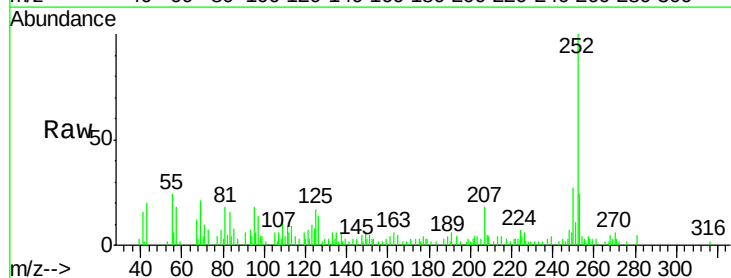
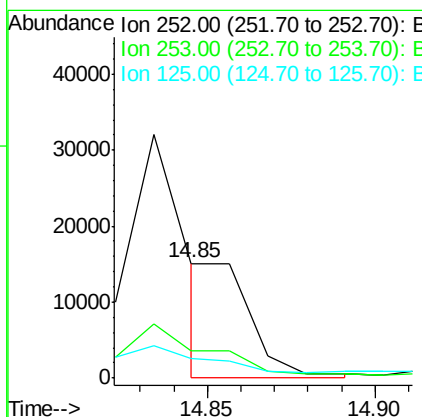
RT: 14.85 min Scan# 1160

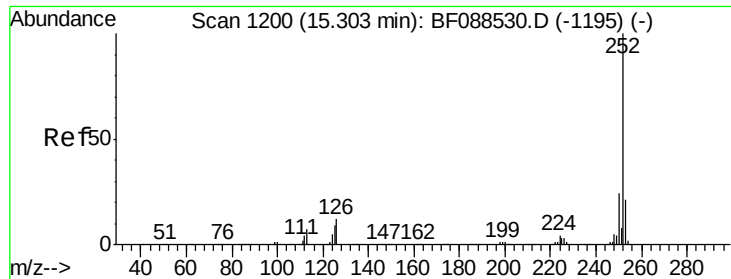
Delta R.T. -0.02 min

Lab File: BF088936.D

Acq: 12 Jul 2016 23:27

Tgt Ion:	252	Resp:	13165
Ion Ratio	Lower	Upper	
252	100		
253	23.7	18.0	27.0
125	16.6	11.2	16.8





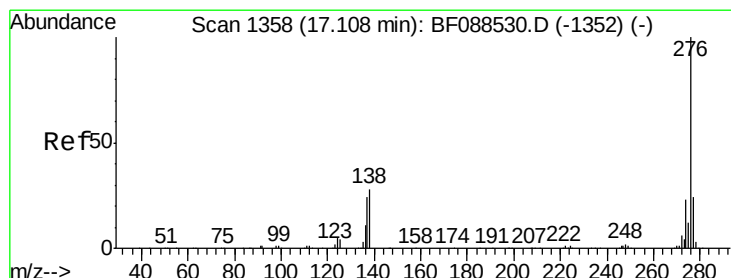
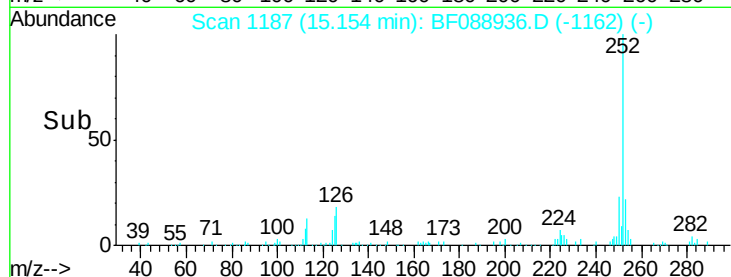
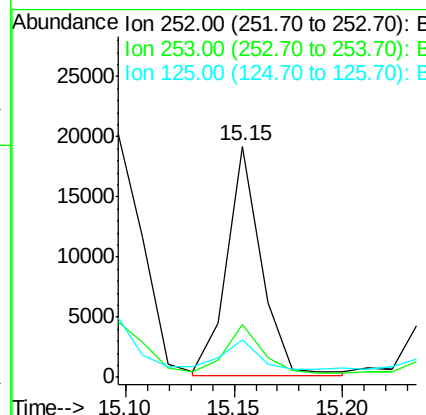
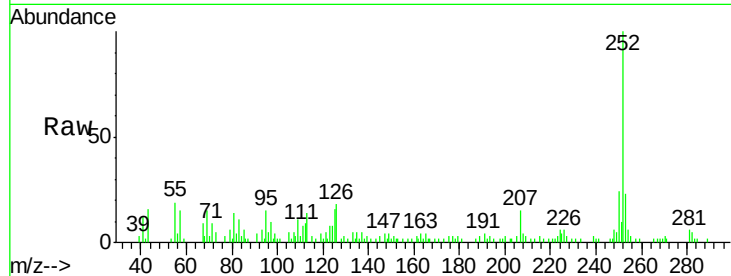
#89
Benzo(a)pyrene
Concen: 3.49 ng
RT: 15.15 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Instrument :
BNA_F
ClientSampled :
C3-03

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	16.3	12.5	18.7

Manual Integrations

SOHIL
7/13/2016 9:26:26 AM



#91
Benzo(g,h,i)perylene
Concen: 2.73 ng
RT: 16.88 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.9	28.3
138	24.3	21.4	32.2

