

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102016\
 Data File : BF090686.D
 Acq On : 20 Oct 2016 17:03
 Operator : UM/SJ
 Sample : H5318-01 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-SUMP-1

Manual Integrations
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Quant Time: Oct 20 19:04:18 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 20 18:12:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	197267	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	861163	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	418343	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	575094	20.00	ng	0.00
75) Chrysene-d12	14.06	240	537884	20.00	ng	0.01
86) Perylene-d12	15.52	264	381235	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	247023	22.96	ng	-0.01
7) Phenol-d6	6.51	99	356680	22.31	ng	-0.01
23) Nitrobenzene-d5	7.43	82	210639	13.59	ng	-0.02
41) 2,4,6-Tribromophenol	10.71	330	61541	16.50	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	325238	12.81	ng	-0.01
78) Terphenyl-d14	13.00	244	258141	11.17	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.64	163	78279	2.88	ng	# 95
65) n-Nitrosodiphenylamine	10.59	169	85898m	4.52	ng	
70) Phenanthrene	11.43	178	332250	10.82	ng	# 94
73) Di-n-butylphthalate	11.98	149	835486	24.11	ng	98
74) Fluoranthene	12.63	202	267531	8.66	ng	89
77) Pyrene	12.86	202	400519	11.24	ng	97
80) Benzo(a)anthracene	14.05	228	82161m	2.68	ng	
82) Chrysene	14.09	228	105030m	3.56	ng	
83) Bis(2-ethylhexyl)phthalate	14.04	149	102931	4.83	ng	# 99
87) Benzo(b)fluoranthene	15.09	252	78121m	3.13	ng	

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

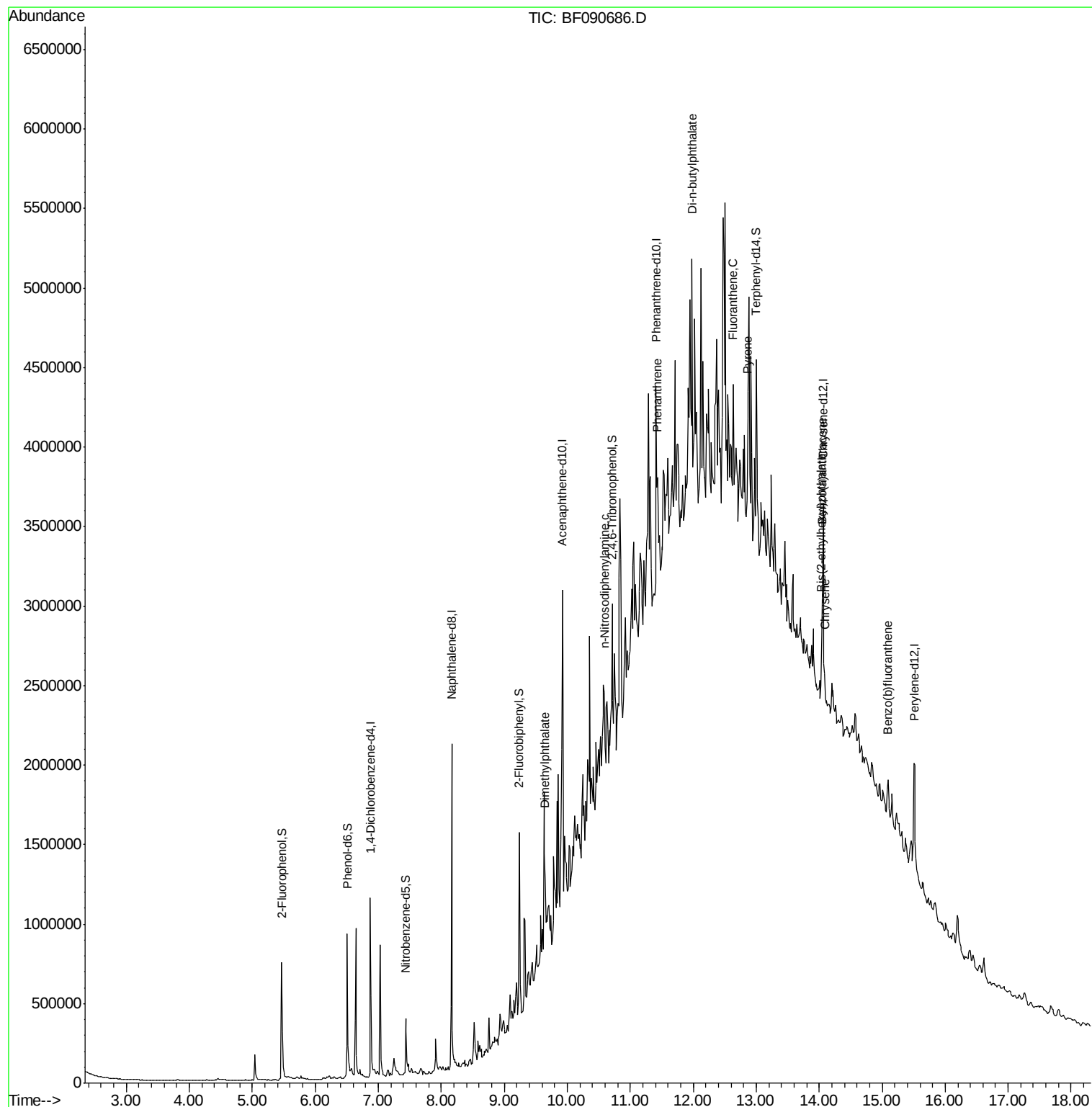
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102016\
Data File : BF090686.D
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QLast Update : Thu Oct 20 18:12:00 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.87 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF090686.D

Acq: 20 Oct 2016 17:03

Instrument :

BNA_F

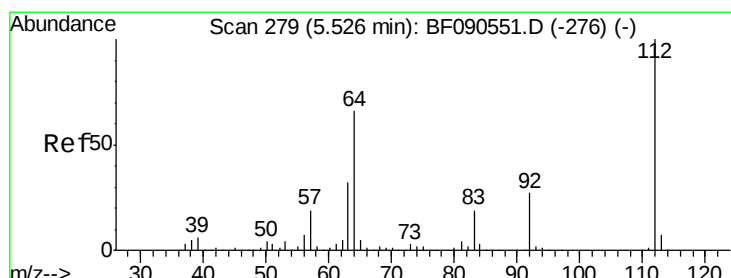
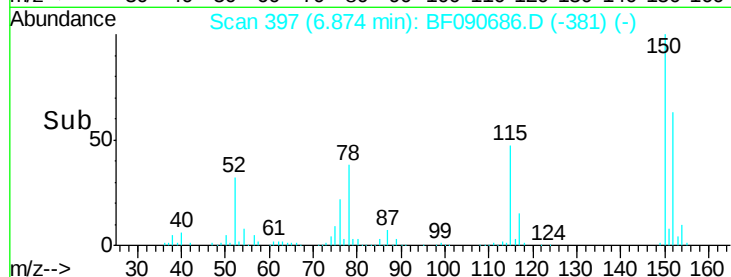
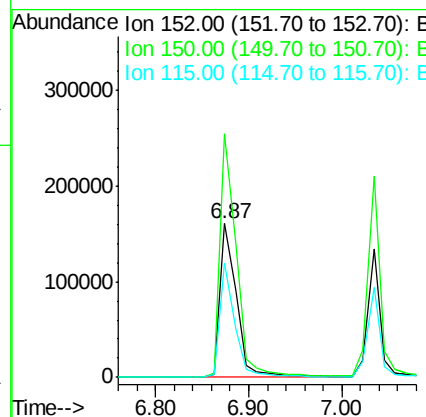
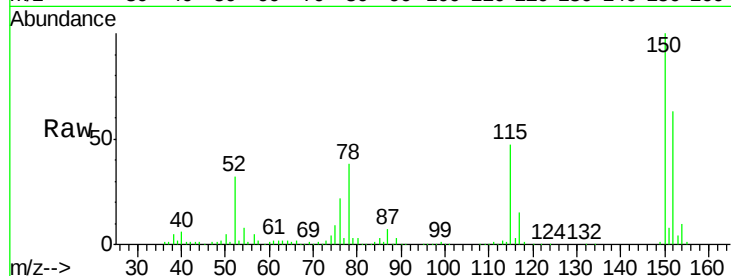
ClientSampled :

B-SUMP-1

Tot Ion:	152	Resp:	197267
Ion Ratio	Lower	Upper	
152	100		
150	158.3	127.2	190.8
115	74.5	58.6	88.0

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#5

2-Fluorophenol

Concen: 22.96 ng

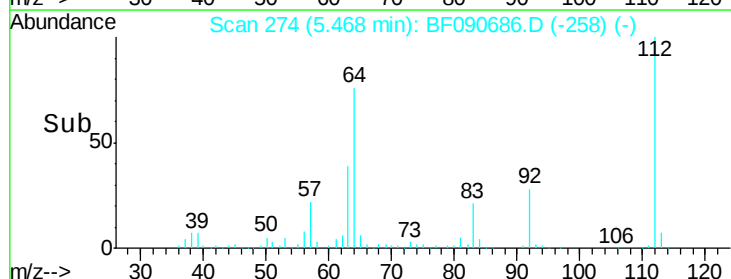
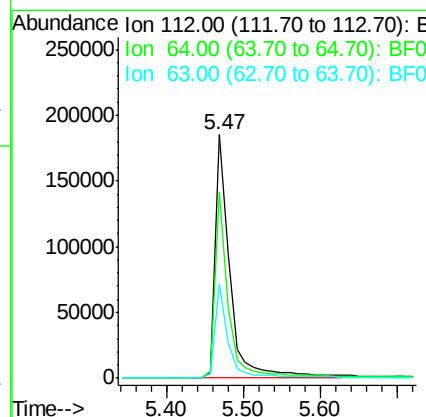
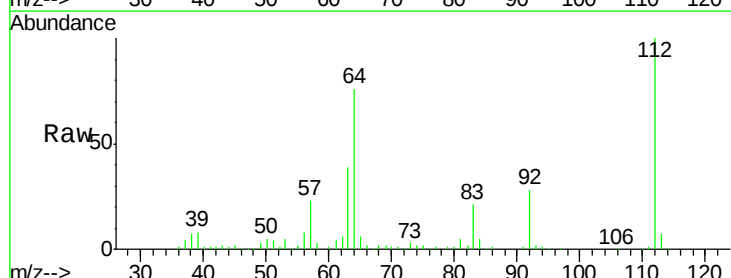
RT: 5.47 min Scan# 274

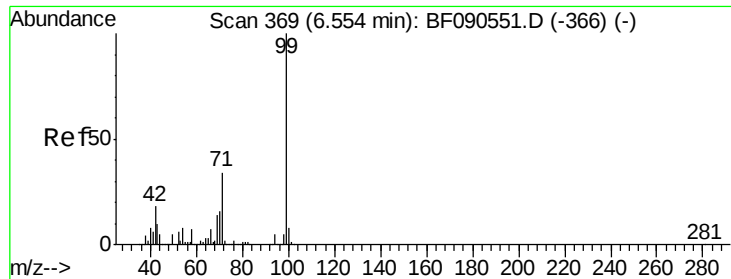
Delta R.T. -0.01 min

Lab File: BF090686.D

Acq: 20 Oct 2016 17:03

Tgt Ion:	112	Resp:	247023
Ion Ratio	Lower	Upper	
112	100		
64	76.4	52.6	78.8
63	38.8	26.0	39.0





#7

Phenol-d6

Concen: 22.31 ng

RT: 6.51 min Scan# 365

Delta R.T. -0.01 min

Lab File: BF090686.D

Acq: 20 Oct 2016 17:03

Instrument :

BNA_F

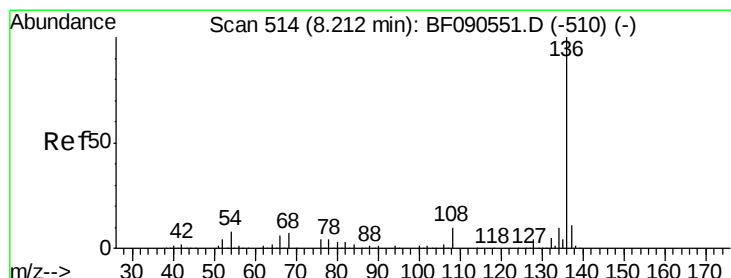
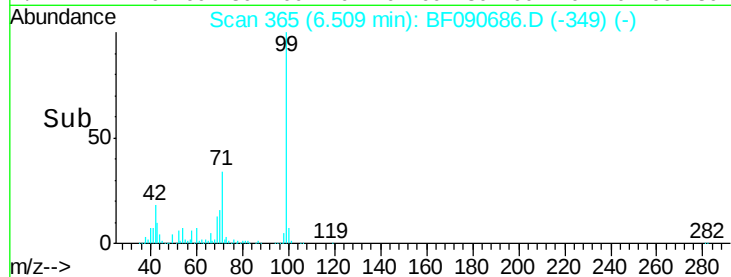
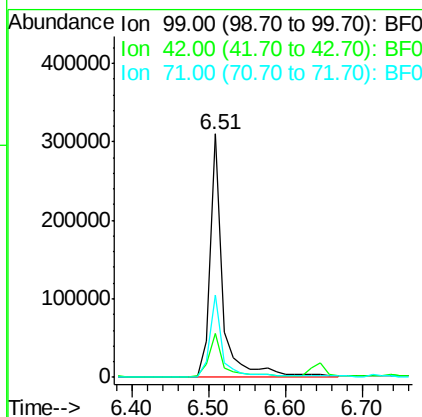
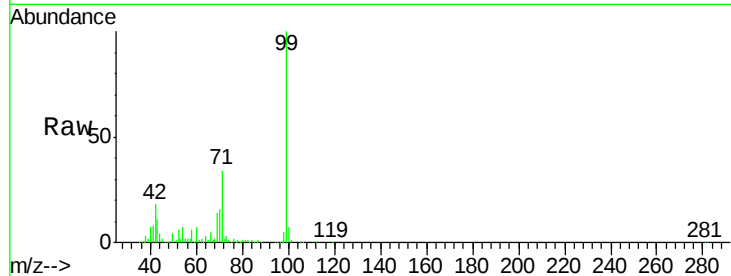
ClientSampleId :

B-SUMP-1

Tot Ion:	99	Resp:	356680
Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.7	22.1
71	33.8	27.6	41.4

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#21

Naphthalene-d8

Concen: 20.00 ng

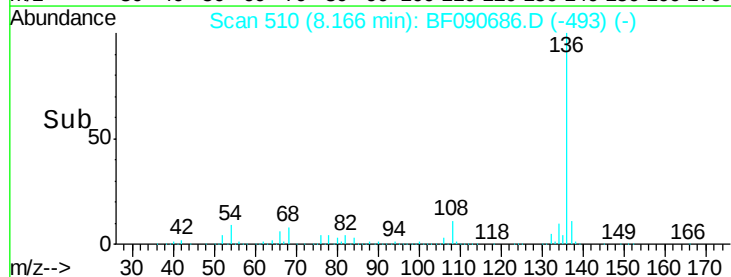
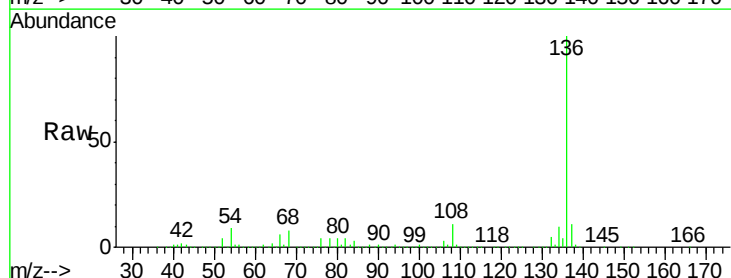
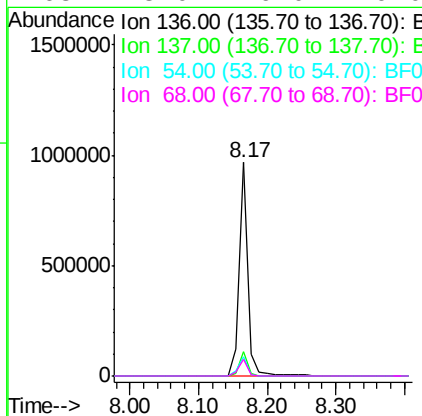
RT: 8.17 min Scan# 510

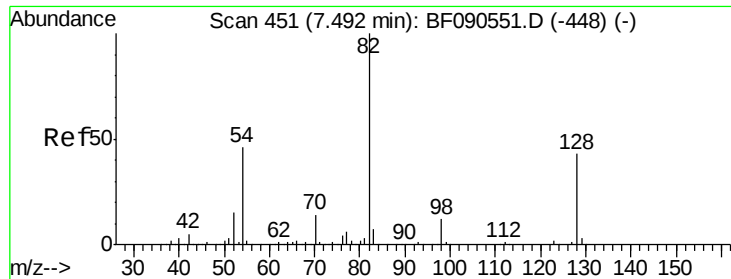
Delta R.T. -0.00 min

Lab File: BF090686.D

Acq: 20 Oct 2016 17:03

Tgt Ion:	136	Resp:	861163
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	9.1	6.8	10.2
68	8.0	6.0	9.0





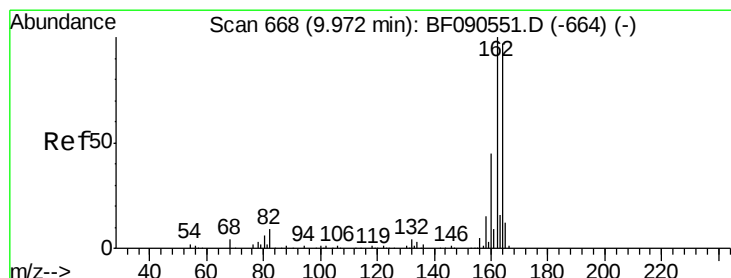
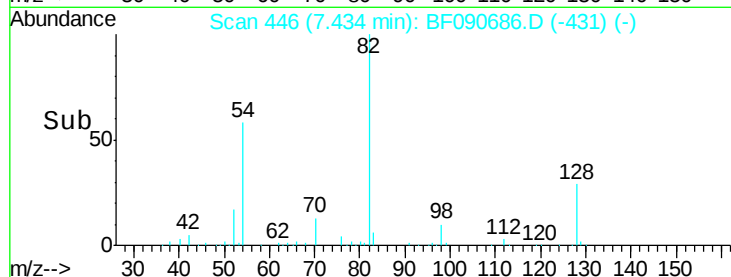
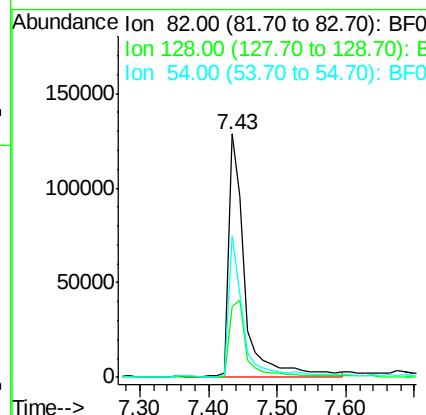
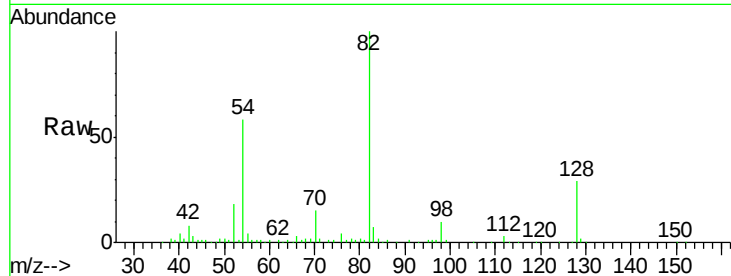
#23
Nitrobenzene-d5
Concen: 13.59 ng
RT: 7.43 min Scan# 446
Delta R.T. -0.02 min
Lab File: BF090686.D
Acq: 20 Oct 2016 17:03

Instrument :
BNA_F
ClientSampled :
B-SUMP-1

Tot Ion	Ratio	Lower	Upper
82	100		
128	29.3	34.3	51.5#
54	57.9	37.0	55.6#

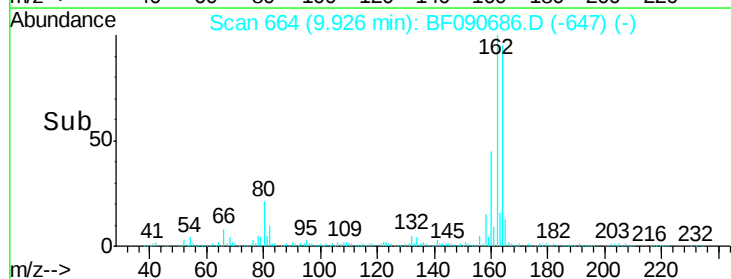
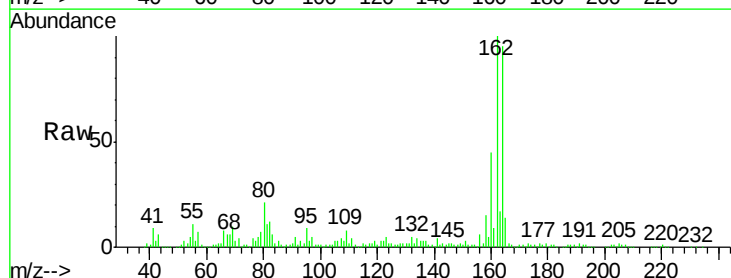
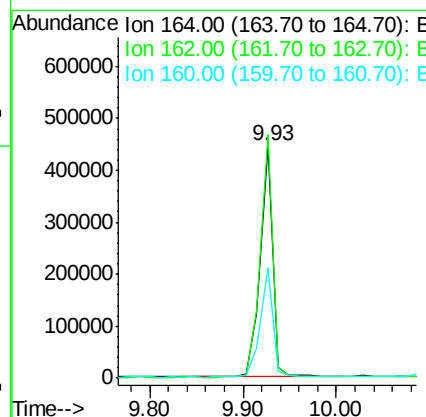
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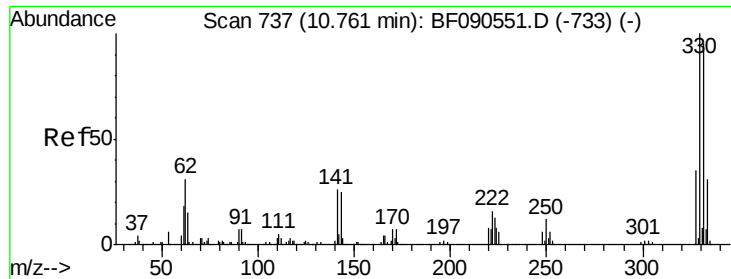
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 664
Delta R.T. -0.00 min
Lab File: BF090686.D
Acq: 20 Oct 2016 17:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	82.2	123.4
160	47.4	36.6	55.0





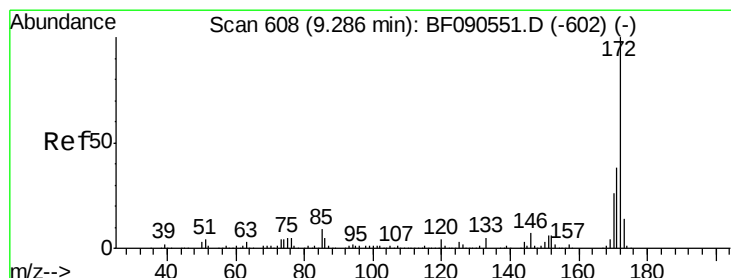
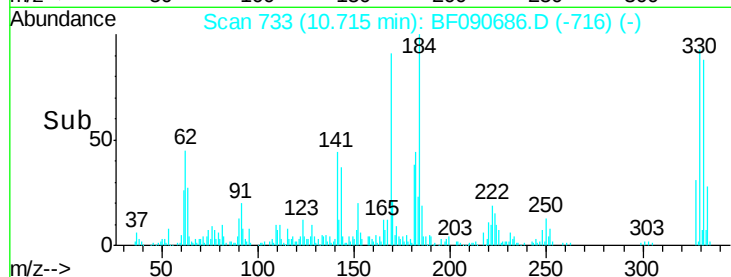
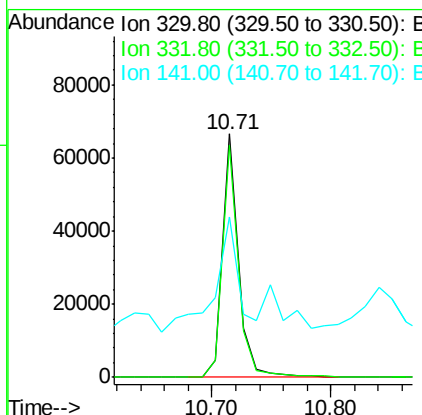
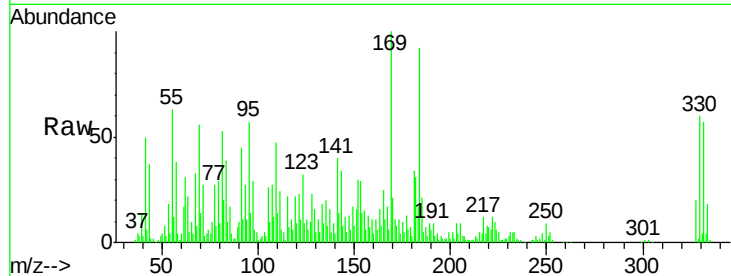
#41
 2,4,6-Tribromophenol
 Concen: 16.50 ng
 RT: 10.71 min Scan# 733
 Delta R.T. -0.00 min
 Lab File: BF090686.D
 Acq: 20 Oct 2016 17:03

Instrument :
 BNA_F
 ClientSampled :
 B-SUMP-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.2	114.2
141	69.2	31.4	47.2

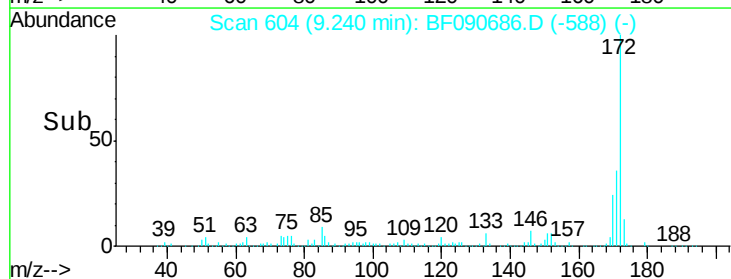
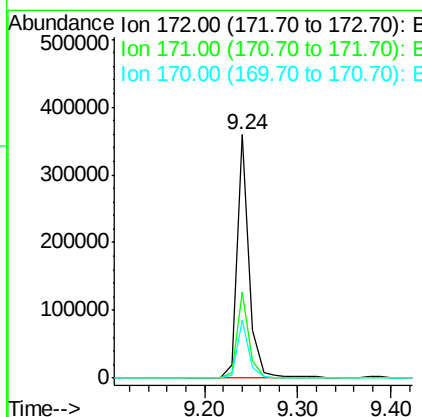
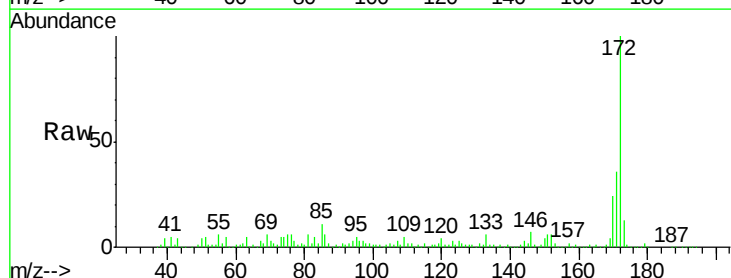
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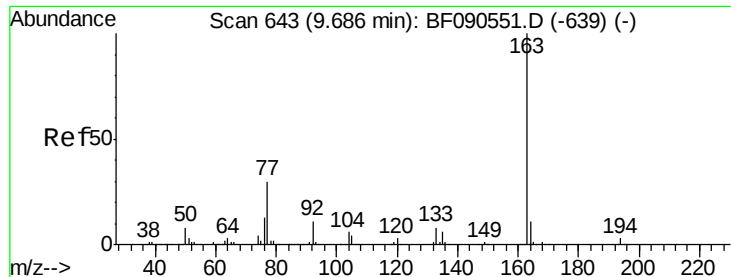
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#44
 2-Fluorobiphenyl
 Concen: 12.81 ng
 RT: 9.24 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF090686.D
 Acq: 20 Oct 2016 17:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	30.1	45.1
170	24.0	20.6	30.8





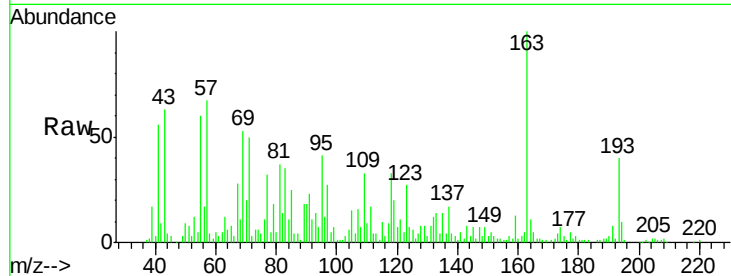
#49
Dimethylphthalate
Concen: 2.88 ng
RT: 9.64 min Scan# 639
Delta R.T. -0.01 min
Lab File: BF090686.D
Acq: 20 Oct 2016 17:03

Instrument :
BNA_F
ClientSampleId :
B-SUMP-1

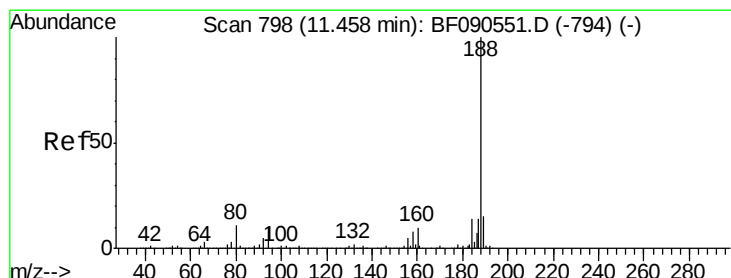
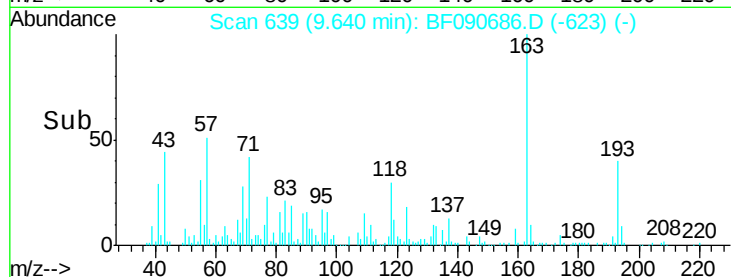
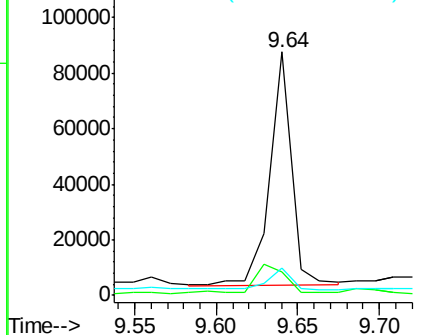
Tot Ion	Ratio	Lower	Upper
163	100		
194	9.6	2.3	3.5#
164	11.1	8.6	13.0

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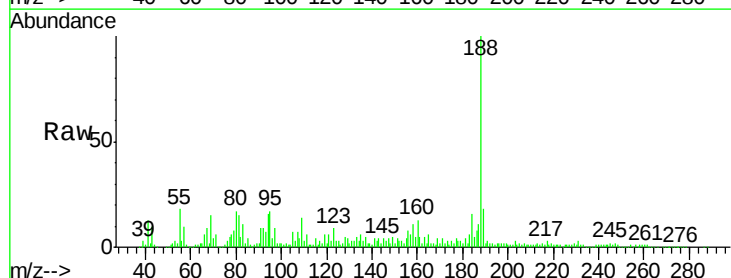


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

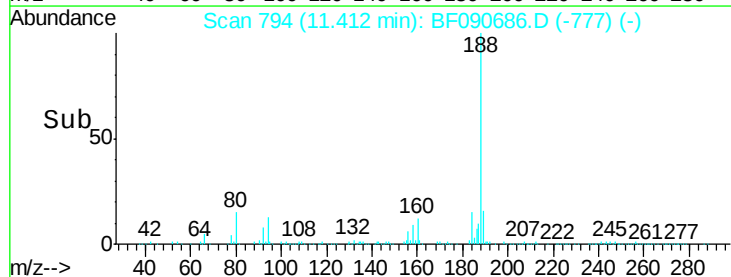
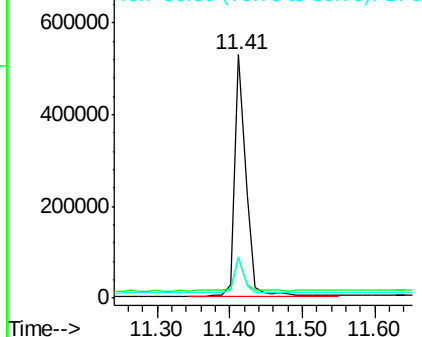


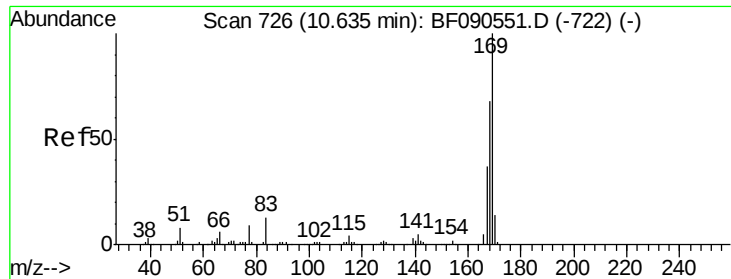
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF090686.D
Acq: 20 Oct 2016 17:03

Tgt Ion	Ratio	Lower	Upper
188	100		
94	16.3	7.7	11.5#
80	16.9	8.6	12.8#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





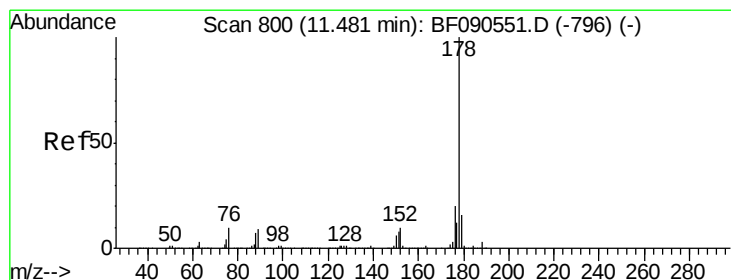
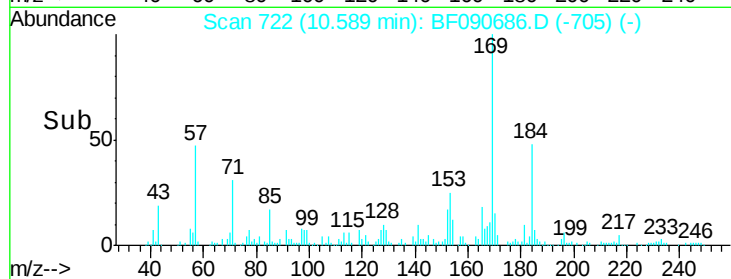
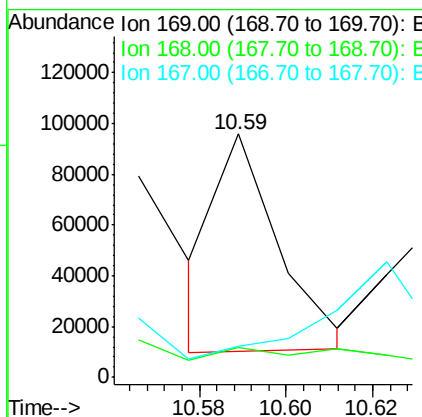
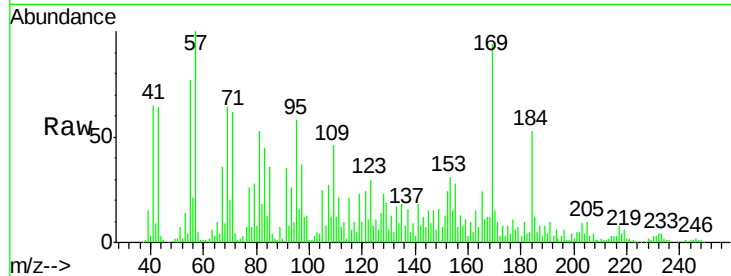
#65
n-Nitrosodiphenylamine
Concen: 4.52 ng/ml
RT: 10.59 min Scan# 722
Delta R.T. -0.00 min
Lab File: BF090686.D
Acq: 20 Oct 2016 17:03

Instrument :
BNA_F
ClientSampleId :
B-SUMP-1

Tot Ion	Ratio	Lower	Upper
169	100		
168	12.3	54.6	81.8#
167	12.5	29.8	44.8#

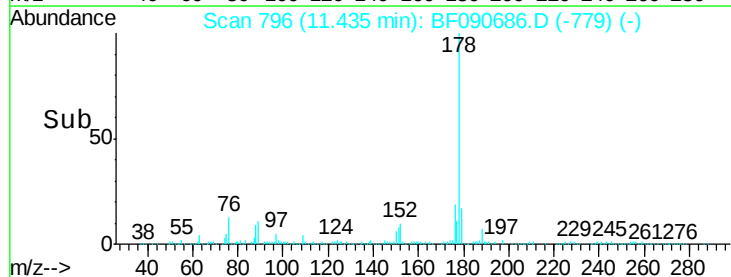
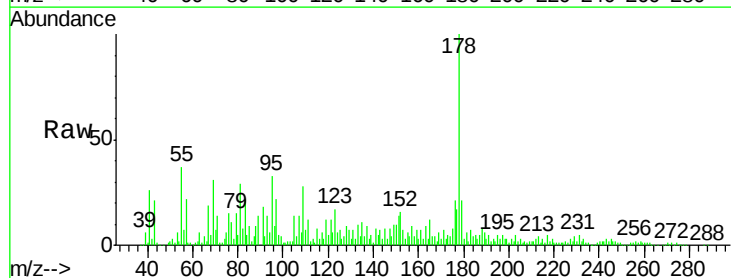
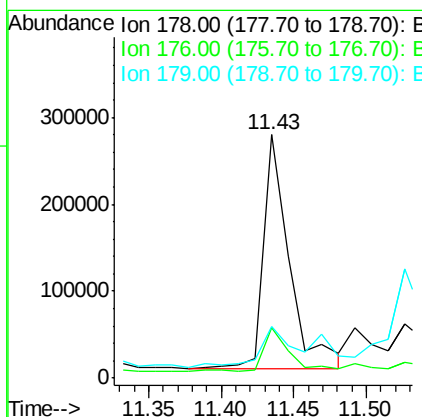
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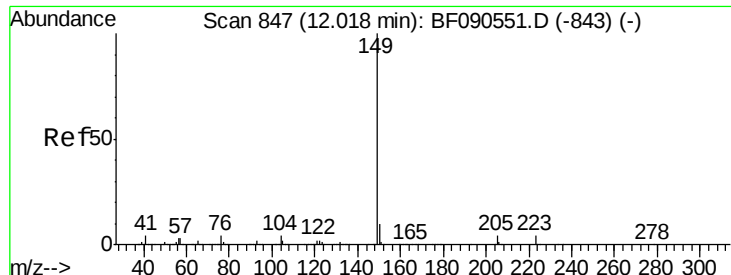
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#70
Phenanthrene
Concen: 10.82 ng
RT: 11.43 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF090686.D
Acq: 20 Oct 2016 17:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.1	24.1
179	21.1	12.6	19.0#





#73

Di-n-butylphthalate

Concen: 24.11 ng

RT: 11.98 min Scan# 844

Delta R.T. 0.01 min

Lab File: BF090686.D

Acq: 20 Oct 2016 17:03

Instrument :

BNA_F

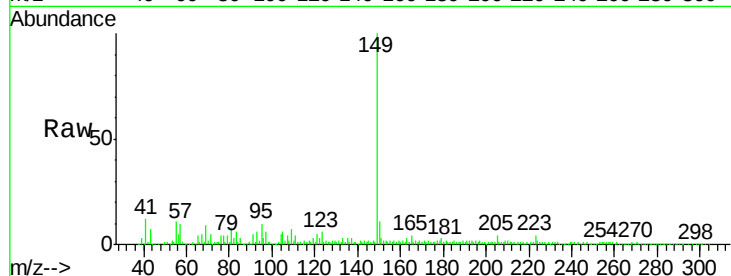
ClientSampleId :

B-SUMP-1

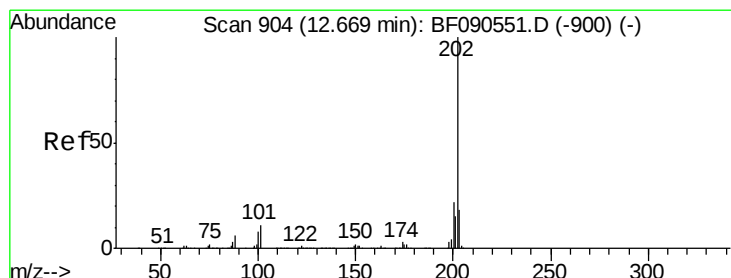
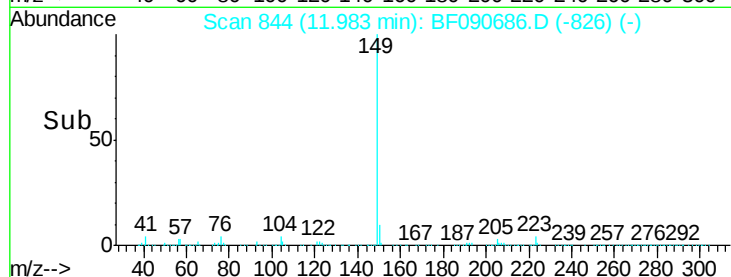
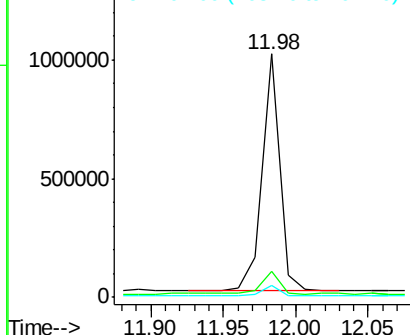
Tot Ion:	149	Resp:	835486
Ion Ratio	Lower	Upper	
149	100		
150	10.5	7.8	11.6
104	4.9	3.3	4.9

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 8.66 ng

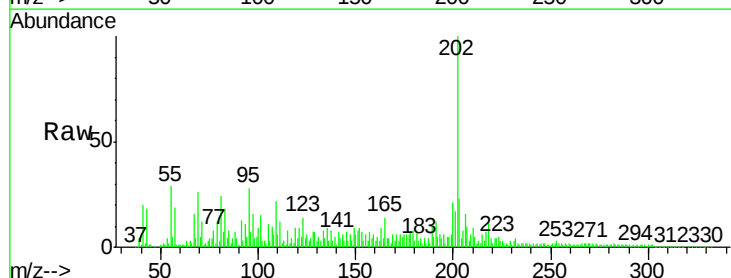
RT: 12.63 min Scan# 901

Delta R.T. 0.01 min

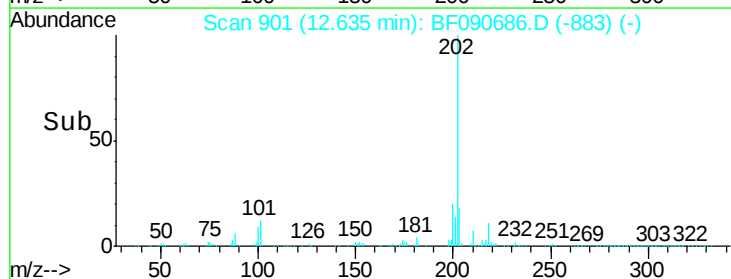
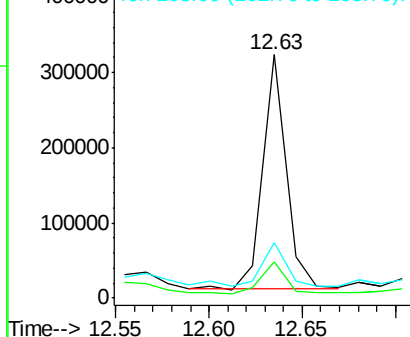
Lab File: BF090686.D

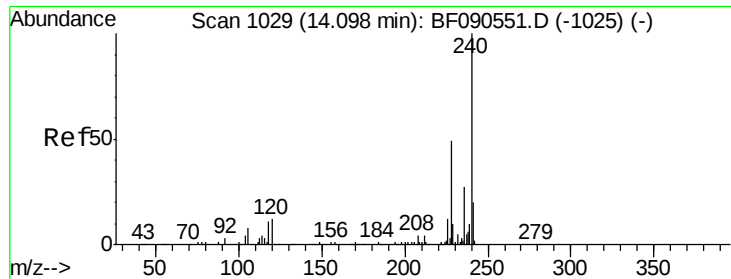
Acq: 20 Oct 2016 17:03

Tgt Ion:	202	Resp:	267531
Ion Ratio	Lower	Upper	
202	100		
101	15.0	0.0	31.1
203	22.8	0.0	38.0



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: 14.06 min Scan# 1026

Delta R.T. 0.01 min

Lab File: BF090686.D

Acq: 20 Oct 2016 17:03

Instrument :

BNA_F

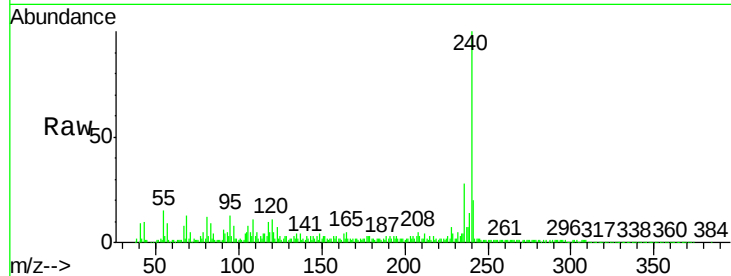
ClientSampleId :

B-SUMP-1

Tot Ion:	240	Resp:	537884
Ion Ratio	Lower	Upper	
240	100		
120	11.3	9.8	14.8
236	28.0	21.7	32.5

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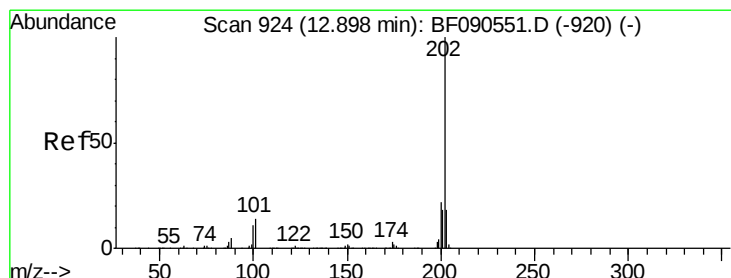
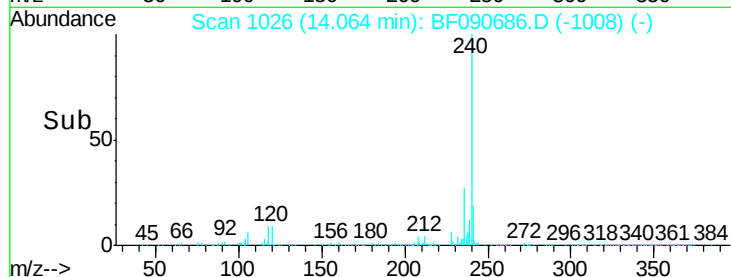
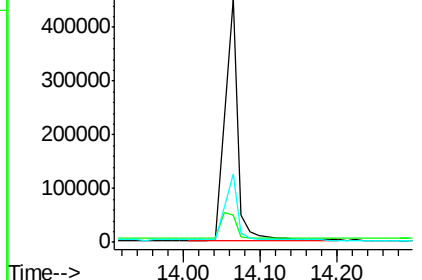
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 11.24 ng

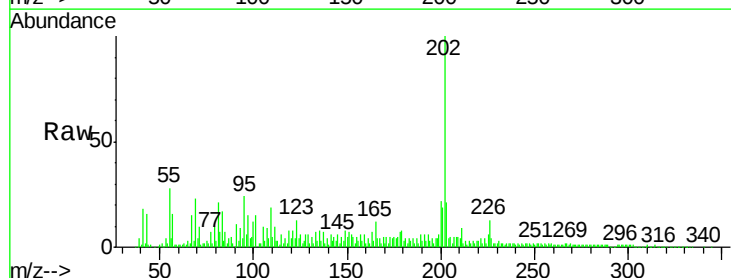
RT: 12.86 min Scan# 921

Delta R.T. 0.01 min

Lab File: BF090686.D

Acq: 20 Oct 2016 17:03

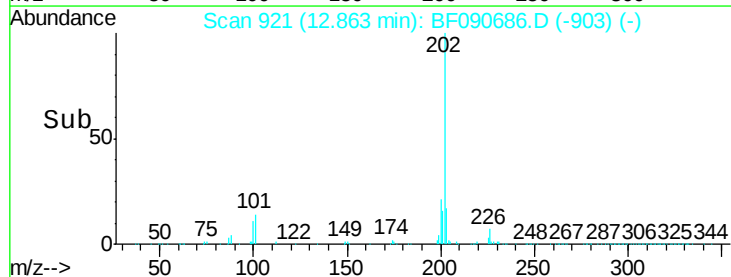
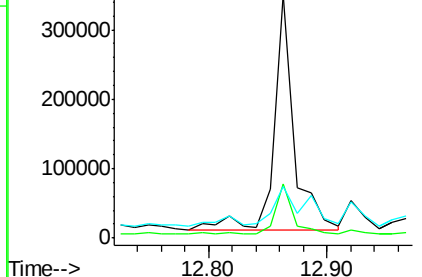
Tgt Ion:	202	Resp:	400519
Ion Ratio	Lower	Upper	
202	100		
200	22.2	17.8	26.6
203	21.4	14.6	21.8

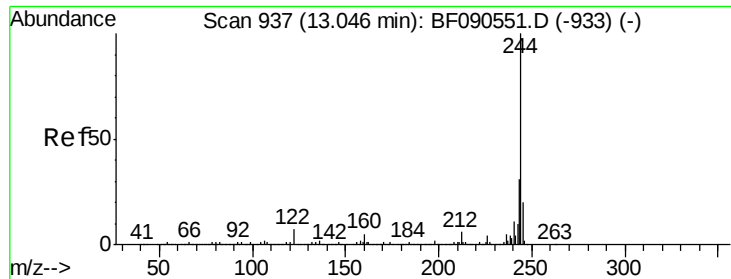


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 11.17 ng

RT: 13.00 min Scan# 933

Delta R.T. -0.00 min

Lab File: BF090686.D

Acq: 20 Oct 2016 17:03

Instrument :

BNA_F

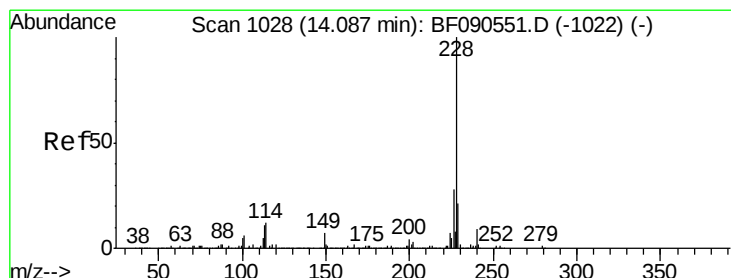
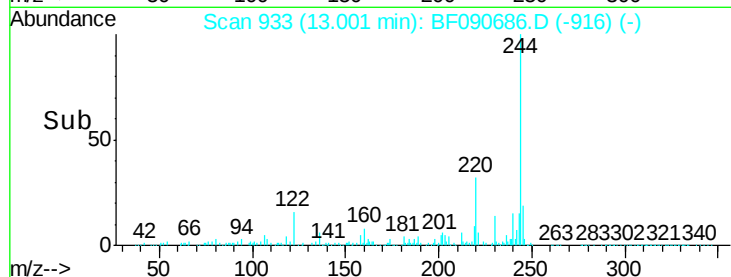
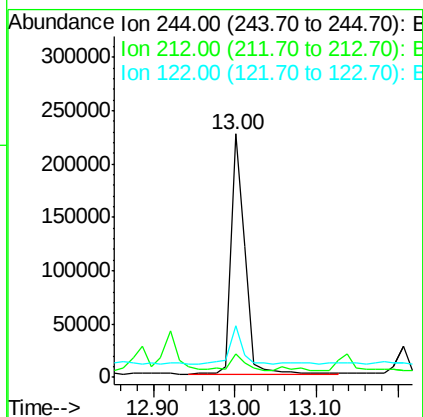
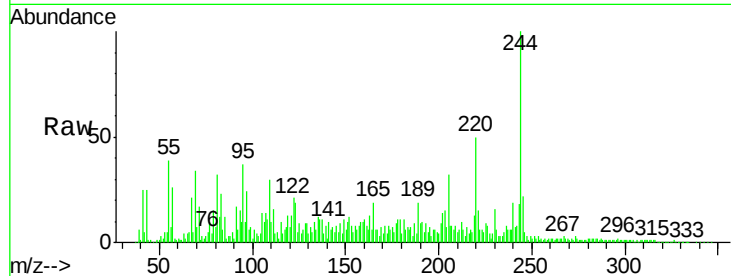
ClientSampleId :

B-SUMP-1

Tot Ion:	244	Resp:	258141
Ion Ratio	Lower	Upper	
244	100		
212	9.9	5.0	7.4#
122	21.2	5.6	8.4#

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 2.68 ng m

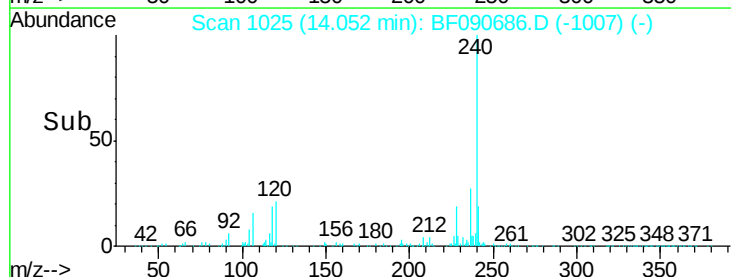
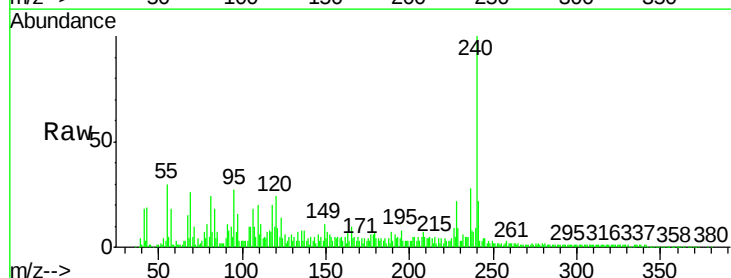
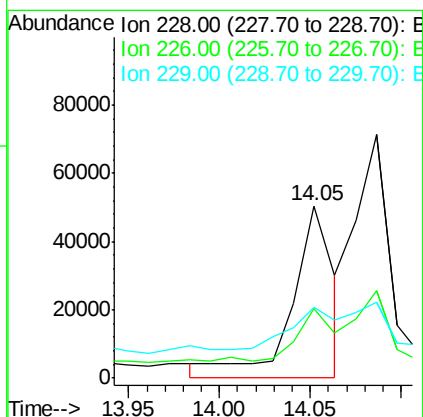
RT: 14.05 min Scan# 1025

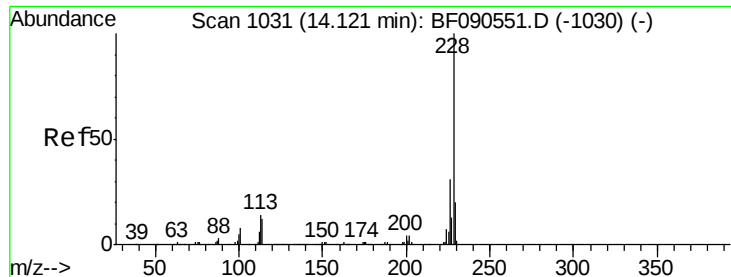
Delta R.T. 0.01 min

Lab File: BF090686.D

Acq: 20 Oct 2016 17:03

Tgt Ion:	228	Resp:	82161
Ion Ratio	Lower	Upper	
228	100		
226	40.0	22.8	34.2#
229	41.3	16.6	25.0#





#82

Chrysene

Concen: 3.56 ng/mL

RT: 14.09 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF090686.D

Acq: 20 Oct 2016 17:03

Instrument :

BNA_F

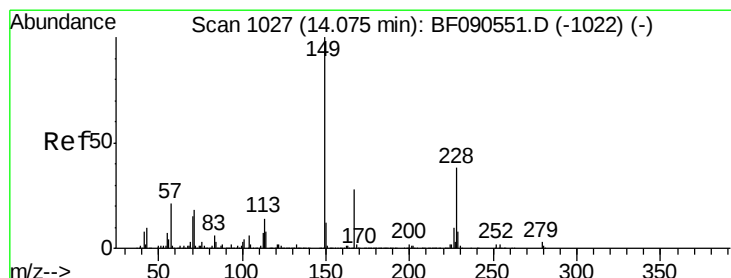
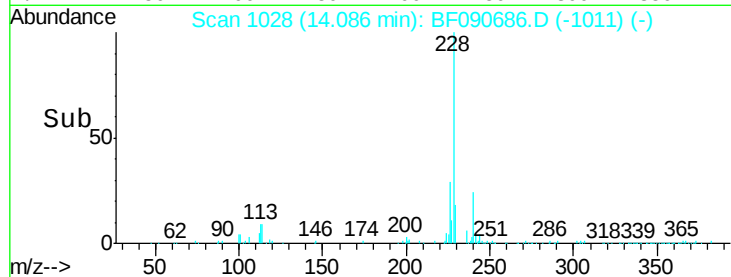
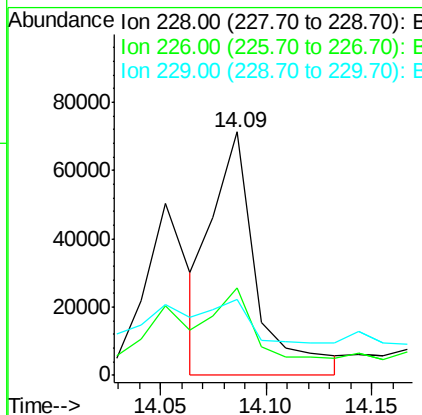
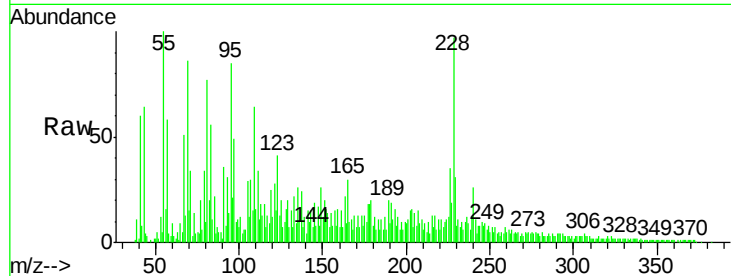
ClientSampleId :

B-SUMP-1

Tot Ion:	228	Resp:	105030
Ion Ratio		Lower	Upper
228	100		
226	35.8	24.8	37.2
229	31.4	16.2	24.4

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#83

Bis(2-ethylhexyl)phthalate

Concen: 4.83 ng/mL

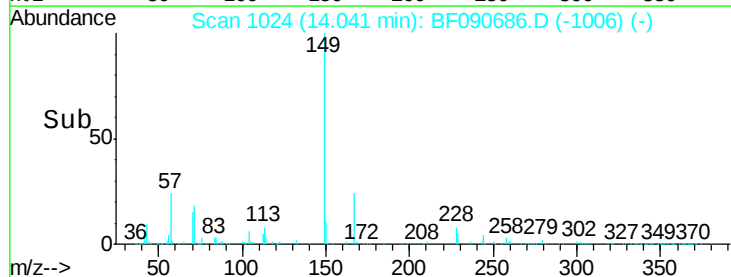
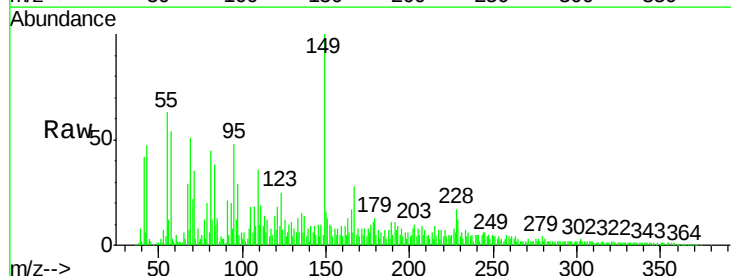
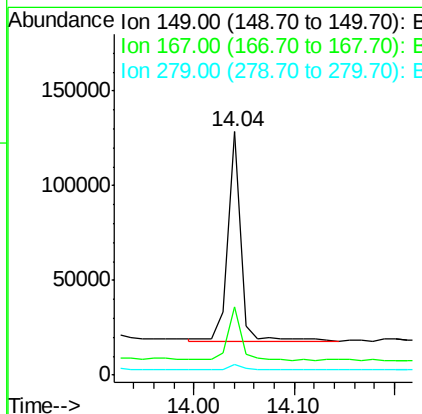
RT: 14.04 min Scan# 1024

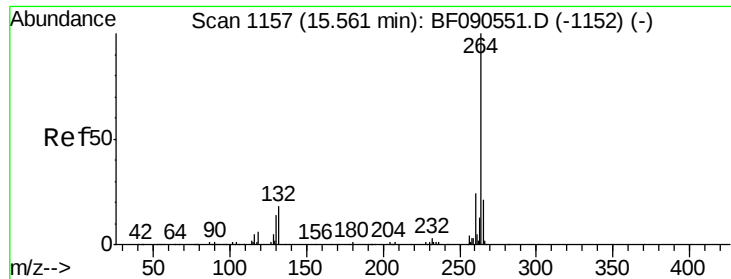
Delta R.T. 0.01 min

Lab File: BF090686.D

Acq: 20 Oct 2016 17:03

Tgt Ion:	149	Resp:	102931
Ion Ratio		Lower	Upper
149	100		
167	28.0	22.1	33.1
279	4.5	2.6	4.0





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.52 min Scan# 1153

Delta R.T. 0.01 min

Lab File: BF090686.D

Acq: 20 Oct 2016 17:03

Instrument :

BNA_F

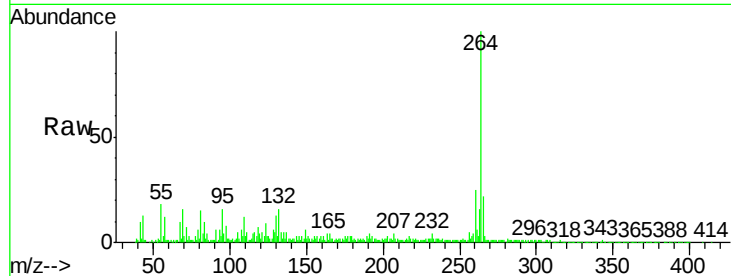
ClientSampleId :

B-SUMP-1

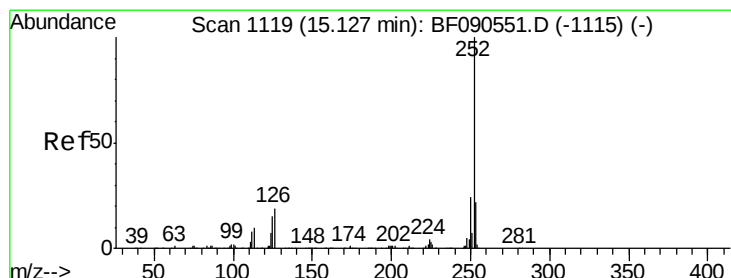
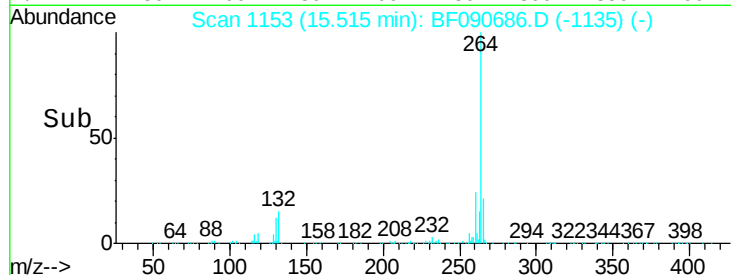
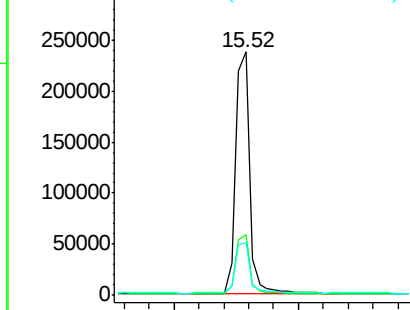
Tot Ion:	264	Resp:	381235
Ion Ratio		Lower	Upper
264	100		
260	24.8	19.3	28.9
265	21.7	16.7	25.1

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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: 3.13 ng m

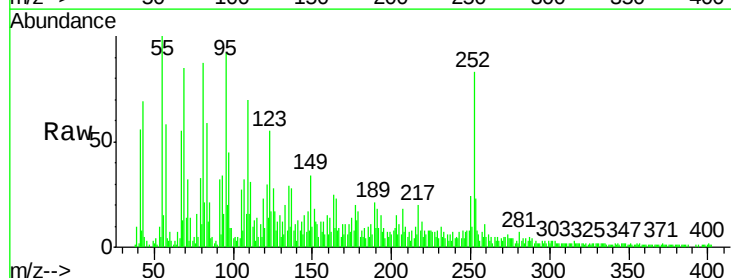
RT: 15.09 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BF090686.D

Acq: 20 Oct 2016 17:03

Tgt Ion:	252	Resp:	78121
Ion Ratio		Lower	Upper
252	100		
253	27.6	17.8	26.8#
125	33.2	12.0	18.0#



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

