

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071316\
 Data File : BF088974.D
 Acq On : 13 Jul 2016 23:06
 Operator : UM/SJ
 Sample : H3946-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M8-B1(0-5)C

Manual Integrations

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 7/14/2016 4:19:56 AM

Quant Time: Jul 14 11:28:40 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 14 01:23:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	72870	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	257599	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	107412	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	163837	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	127624	20.00	ng	-0.01
86) Perylene-d12	15.20	264	119189	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	598485	123.09	ng	0.01
7) Phenol-d6	6.35	99	756430	120.40	ng	0.00
23) Nitrobenzene-d5	7.27	82	526118	107.03	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	139119	139.48	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	720552	105.96	ng	0.00
78) Terphenyl-d14	12.79	244	372741	65.05	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.45	163	154516	20.19	ng	99
74) Fluoranthene	12.41	202	49705	5.47	ng	94
77) Pyrene	12.64	202	43797	4.05	ng	97
80) Benzo(a)anthracene	13.82	228	25226m	3.07	ng	
82) Chrysene	13.85	228	28606m	3.52	ng	
83) Bis(2-ethylhexyl)phthalate	13.83	149	22802	4.14	ng	99
85) Indeno(1,2,3-cd)pyrene	16.48	276	16478	2.63	ng	# 100
87) Benzo(b)fluoranthene	14.82	252	38092m	5.09	ng	
89) Benzo(a)pyrene	15.14	252	24009	3.79	ng	97
91) Benzo(g,h,i)perylene	16.86	276	15670	2.86	ng	99

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

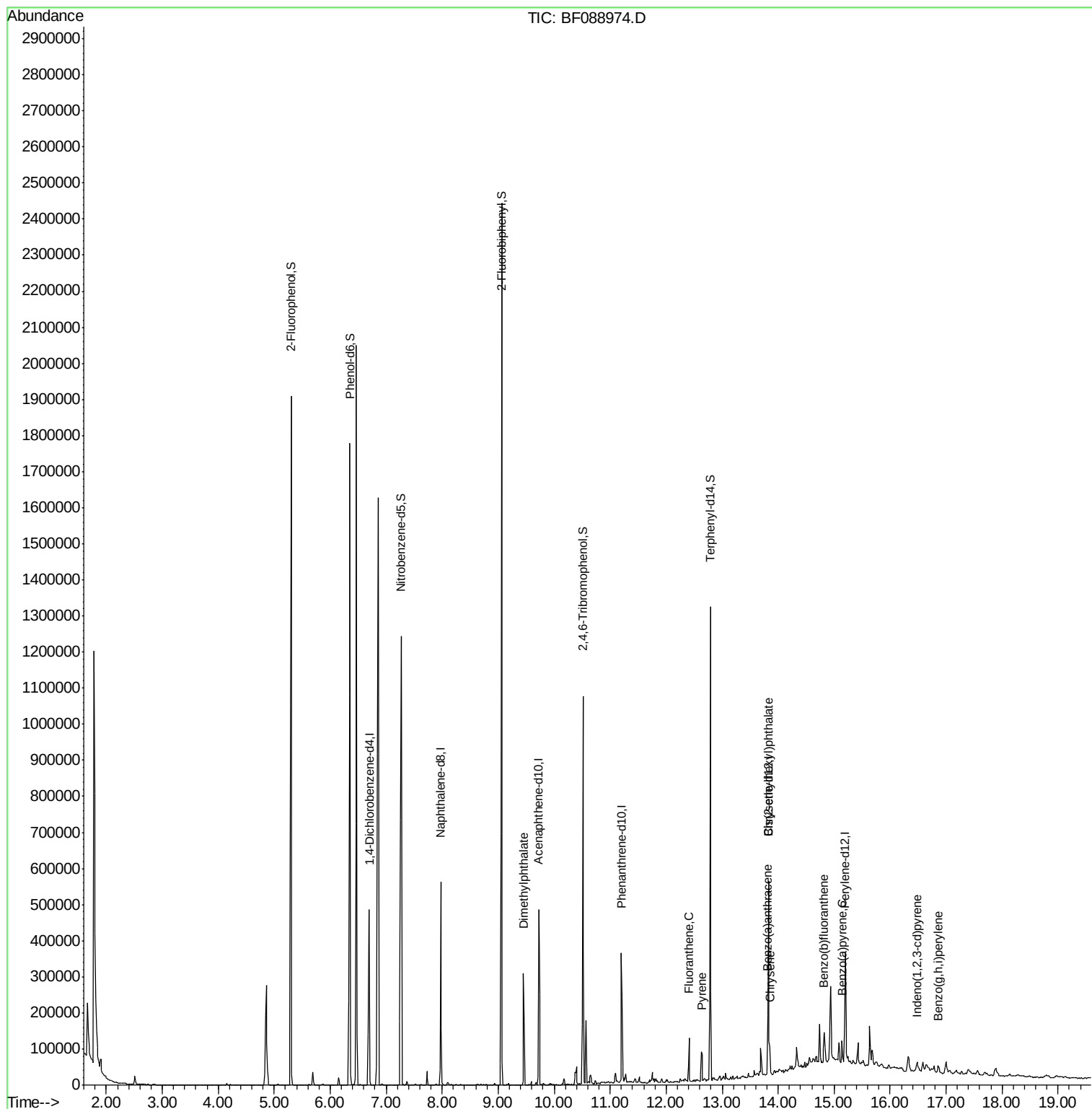
Data Path : Z:\HPCHEM1\BNA F\DATA\BF071316\
Data File : BF088974.D
Acq On : 13 Jul 2016 23:06
Operator : UM/SJ
Sample : H3946-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

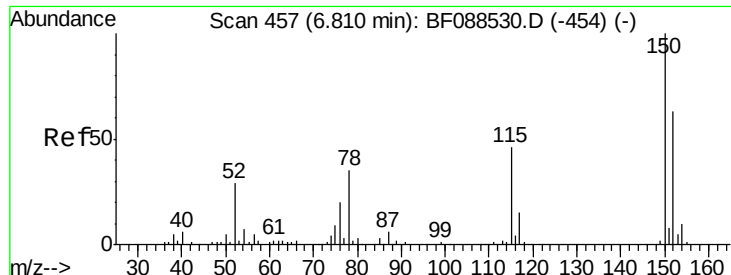
Instrument :
BNA_F
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M8-B1(0-5)C

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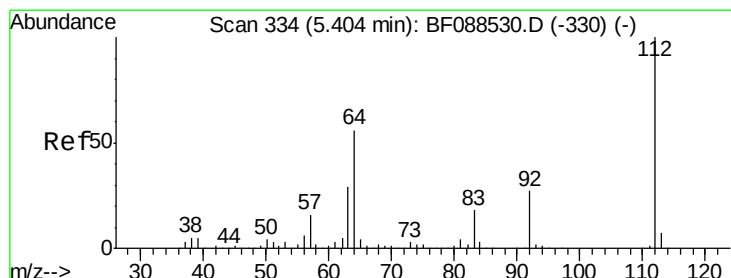
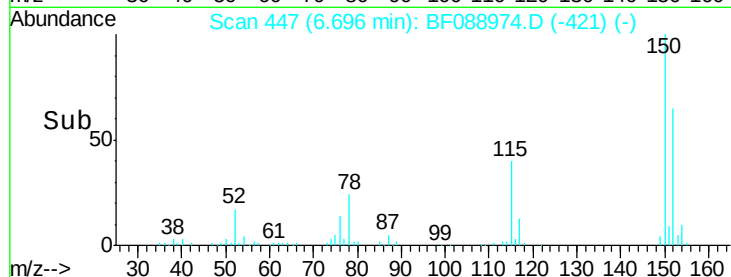
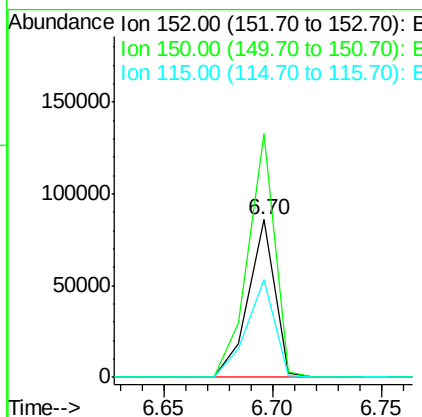
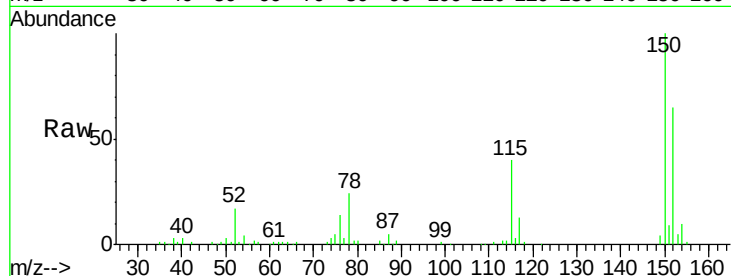
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.70 min Scan# 447
 Delta R.T. -0.00 min
 Lab File: BF088974.D
 Acq: 13 Jul 2016 23:06

Instrument :
 BNA_F
 ClientSampleId :
 M8-B1(0-5)C

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	123.8	185.6
115	61.9	39.6	59.4

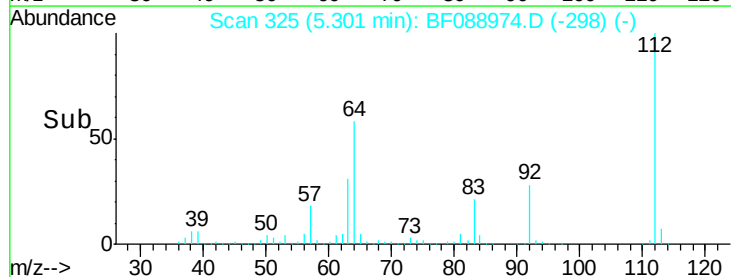
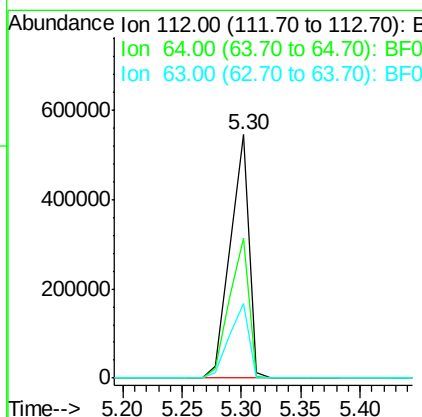
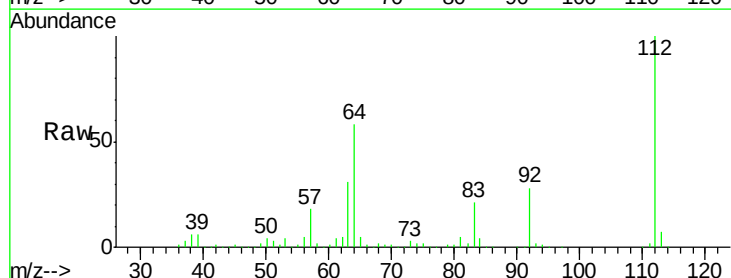
Manual Integrations

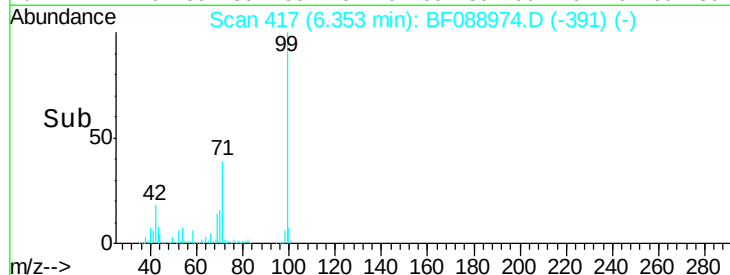
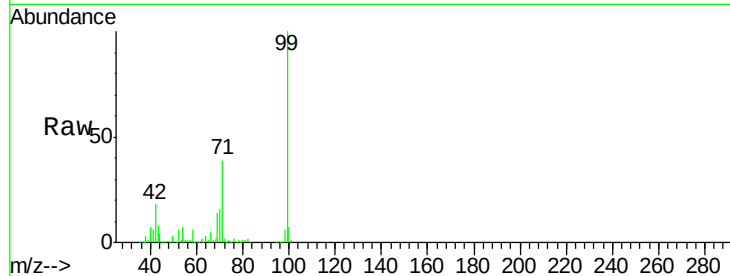
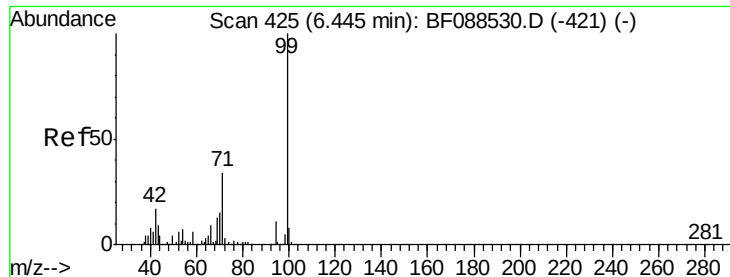
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#5
 2-Fluorophenol
 Concen: 123.09 ng
 RT: 5.30 min Scan# 325
 Delta R.T. 0.01 min
 Lab File: BF088974.D
 Acq: 13 Jul 2016 23:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.6	42.2	63.2
63	30.8	21.8	32.8





#7

Phenol-d6

Concen: 120.40 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF088974.D

Acq: 13 Jul 2016 23:06

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		756430		
42	17.7	12.2		18.2	
71	38.6	23.4		35.0	

Instrument :

BNA_F

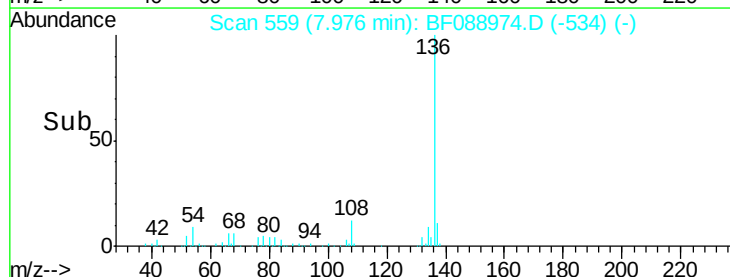
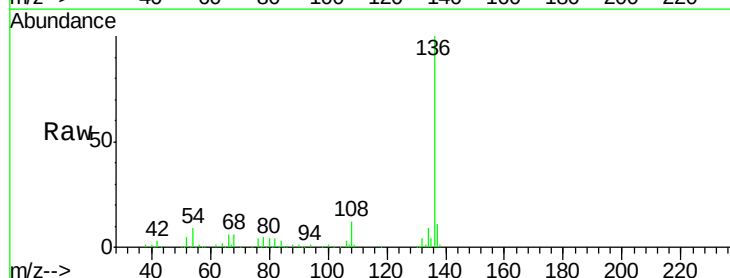
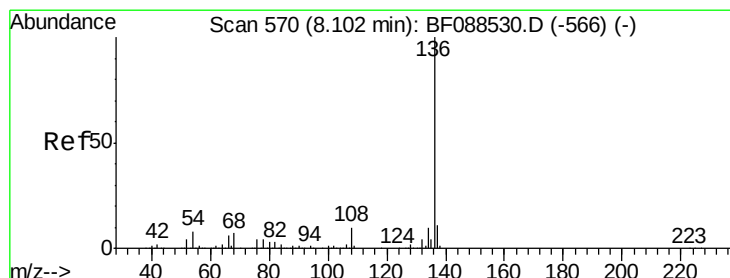
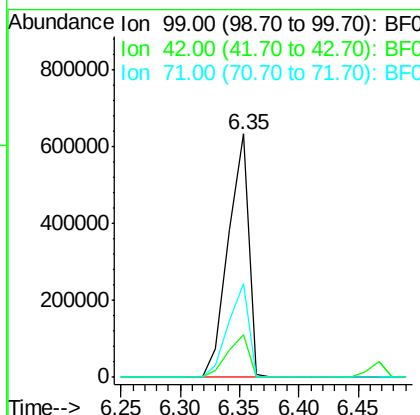
ClientSampleId :

M8-B1(0-5)C

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#21

Naphthalene-d8

Concen: 20.00 ng

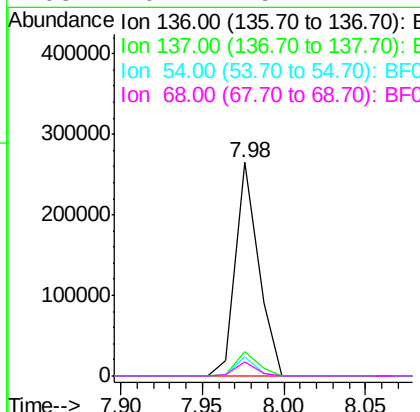
RT: 7.98 min Scan# 559

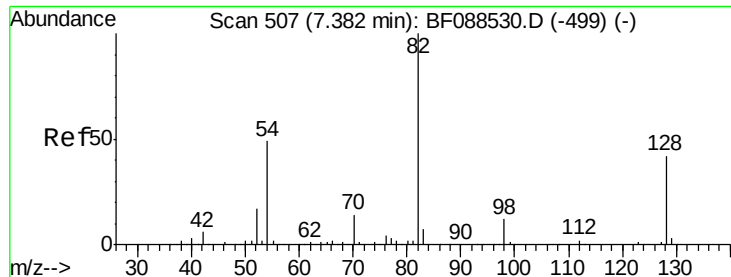
Delta R.T. -0.01 min

Lab File: BF088974.D

Acq: 13 Jul 2016 23:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		257599		
137	11.1	9.1		13.7	
54	8.8	6.6		10.0	
68	6.4	5.1		7.7	





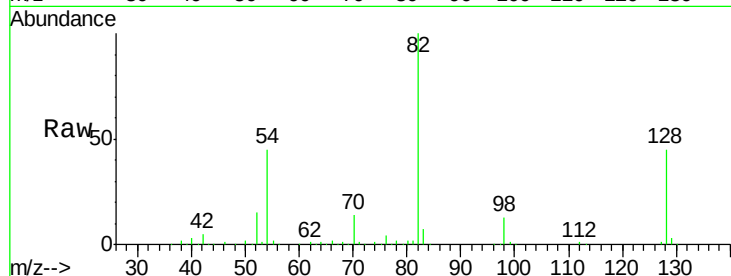
#23
Nitrobenzene-d5
Concen: 107.03 ng
RT: 7.27 min Scan# 497
Delta R.T. -0.00 min
Lab File: BF088974.D
Acq: 13 Jul 2016 23:06

Instrument :
BNA_F
ClientSampled :
M8-B1(0-5)C

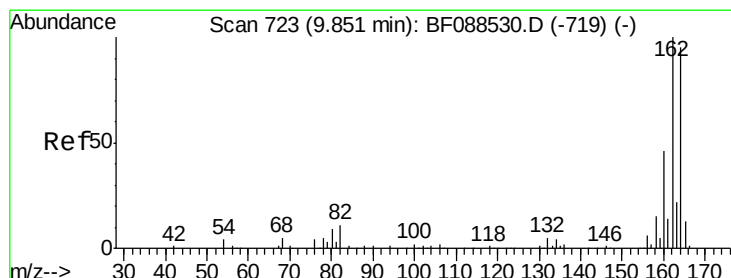
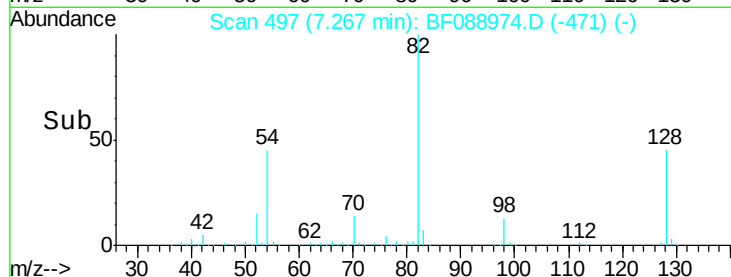
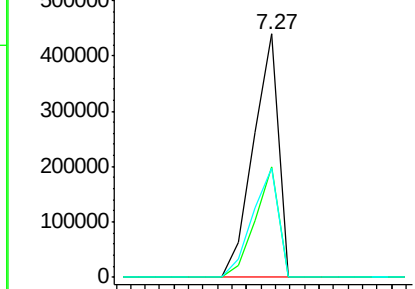
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.3	35.9	53.9
54	44.9	40.9	61.3

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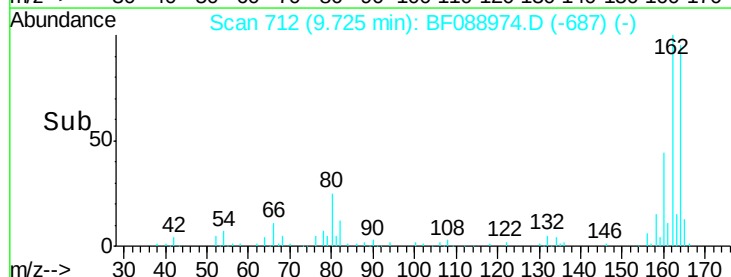
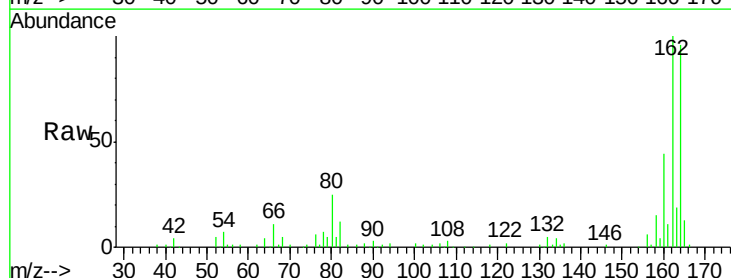
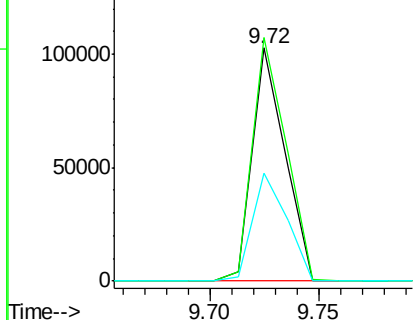
Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

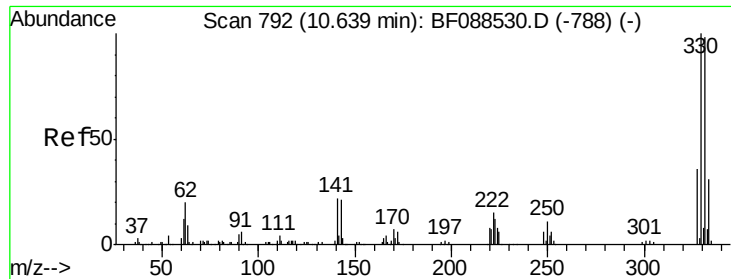


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF088974.D
Acq: 13 Jul 2016 23:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	85.4	128.2
160	46.4	39.5	59.3

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





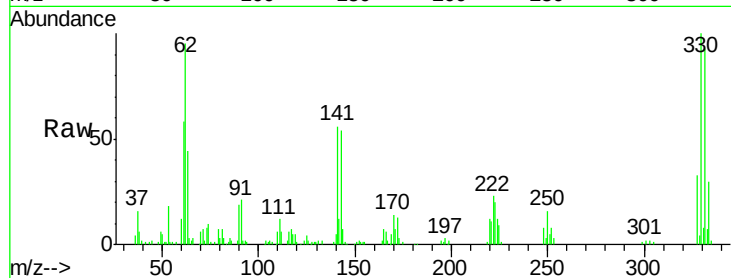
#41
 2,4,6-Tribromophenol
 Concen: 139.48 ng
 RT: 10.51 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF088974.D
 Acq: 13 Jul 2016 23:06

Instrument :
 BNA_F
 ClientSampled :
 M8-B1(0-5)C

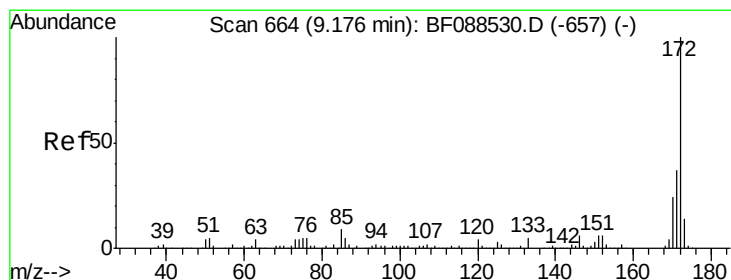
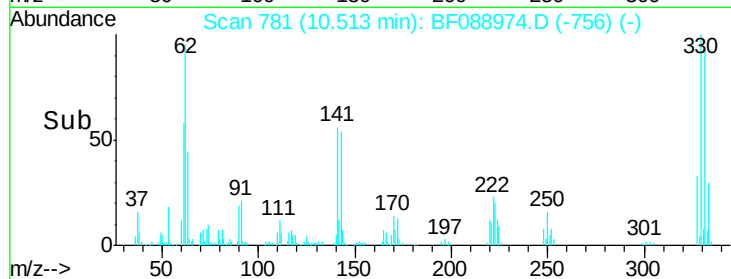
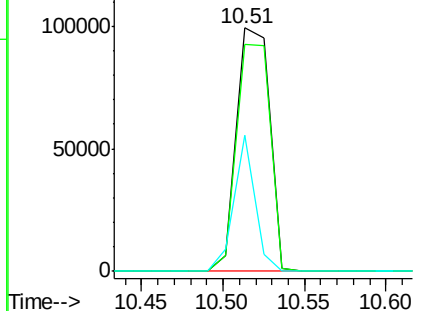
Tot Ion:	330	Resp:	139119
Ion Ratio	Lower	Upper	
330	100		
332	94.9	0.0	0.0#
141	35.6	0.0	0.0#

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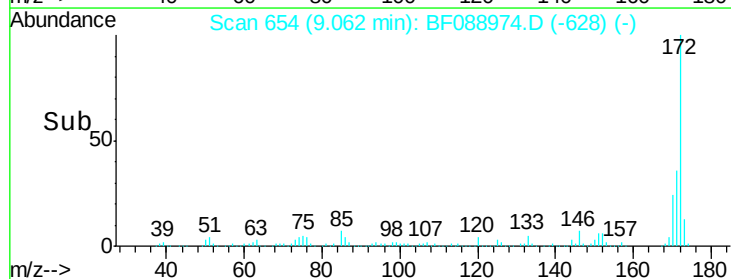
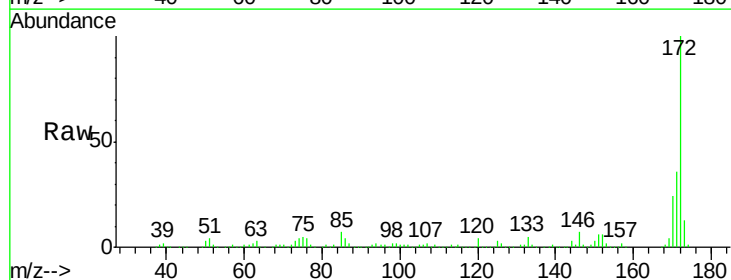
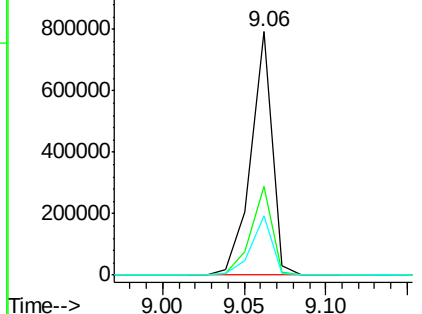
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

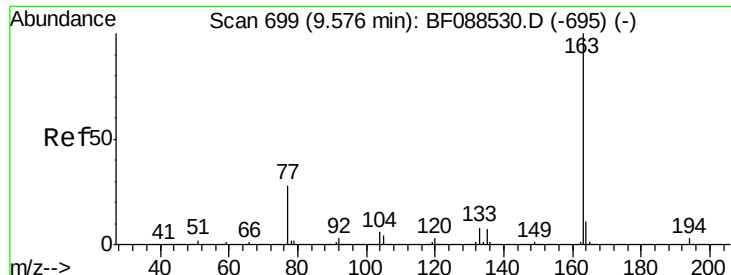


#44
 2-Fluorobiphenyl
 Concen: 105.96 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.00 min
 Lab File: BF088974.D
 Acq: 13 Jul 2016 23:06

Tgt Ion:	172	Resp:	720552
Ion Ratio	Lower	Upper	
172	100		
171	36.4	28.6	43.0
170	24.4	19.2	28.8

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





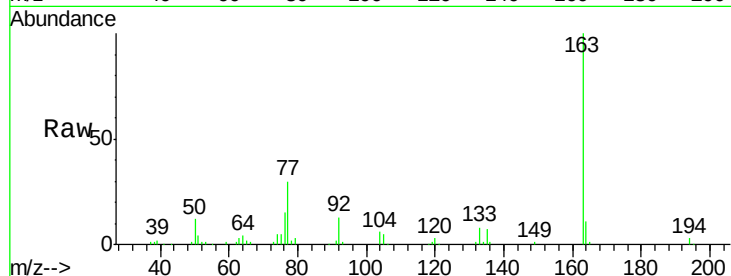
#49
Dimethylphthalate
Concen: 20.19 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.02 min
Lab File: BF088974.D
Acq: 13 Jul 2016 23:06

Instrument :
BNA_F
ClientSampleId :
M8-B1(0-5)C

Tot Ion	Ratio	Resp	Lower	Upper
163	100	154516		
194	3.0		2.8	4.2
164	10.8		8.3	12.5

Manual Integrations

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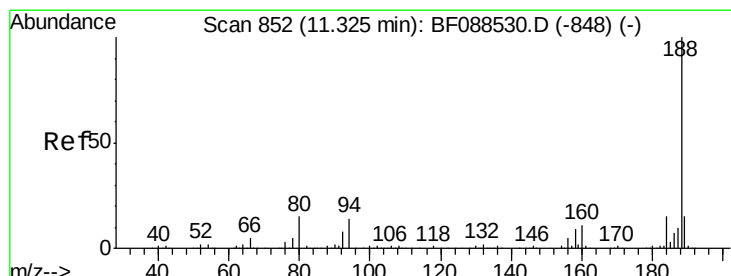
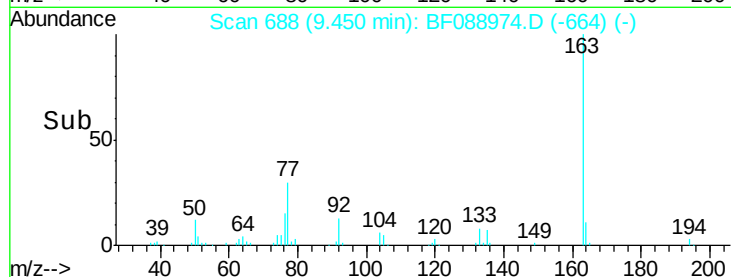
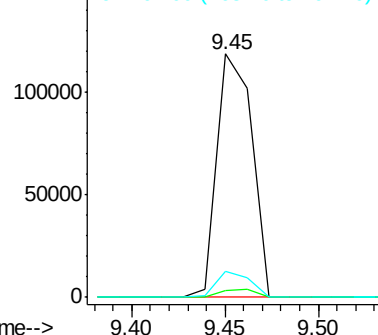


Abundance

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: 11.20 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF088974.D
Acq: 13 Jul 2016 23:06

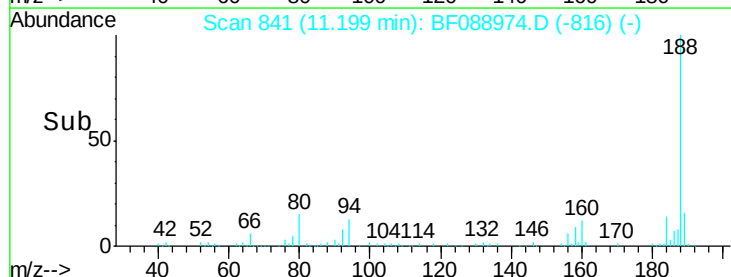
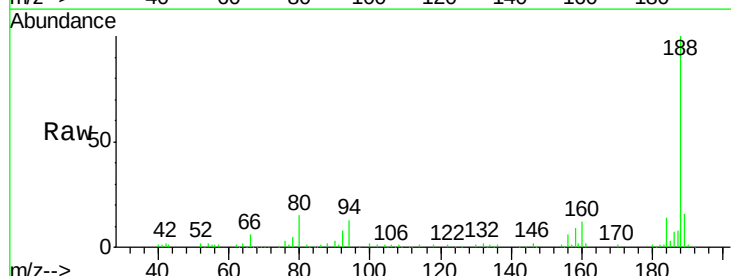
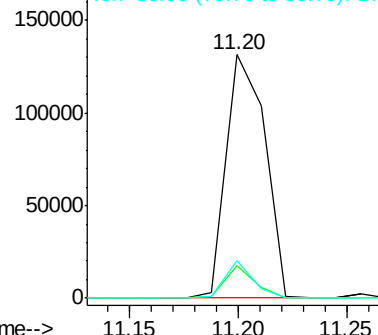
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	163837		
94	13.1		9.0	13.6
80	15.2		10.0	15.0

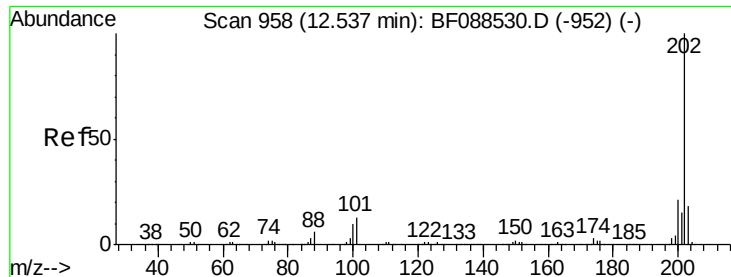
Abundance

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





#74

Fluoranthene

Concen: 5.47 ng

RT: 12.41 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF088974.D

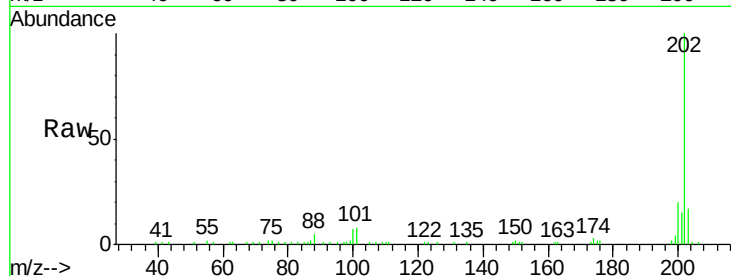
Acq: 13 Jul 2016 23:06

Instrument :

BNA_F

ClientSampleId :

M8-B1(0-5)C

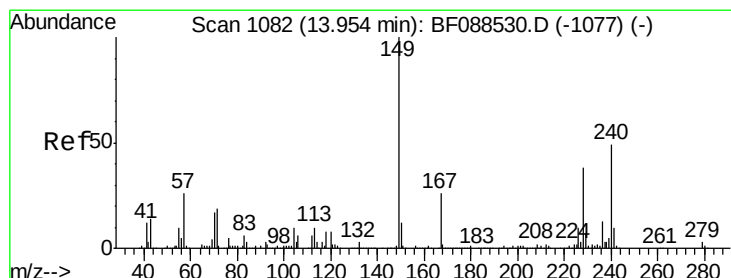
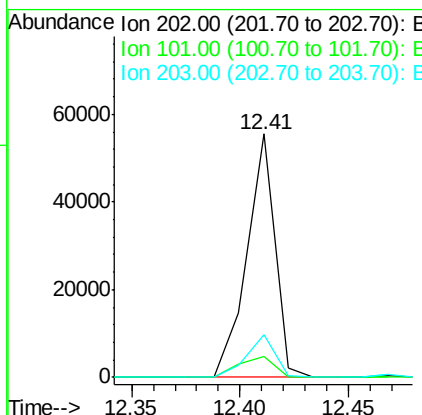
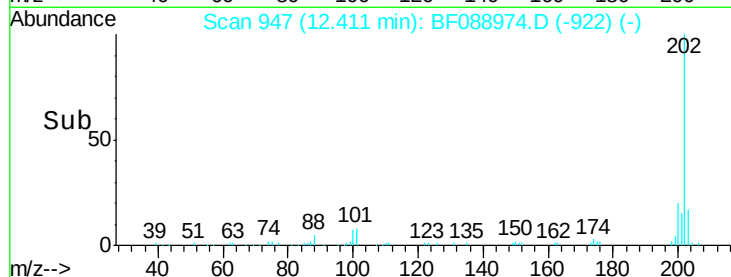


Tot Ion:	202	Resp:	49705
Ion Ratio	Lower	Upper	
202	100		
101	8.4	0.0	33.1
203	17.5	0.0	38.1

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#75

Chrysene-d12

Concen: 20.00 ng

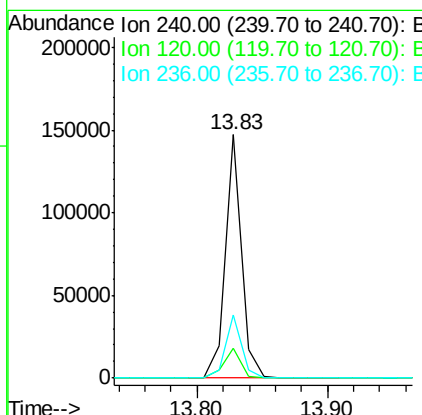
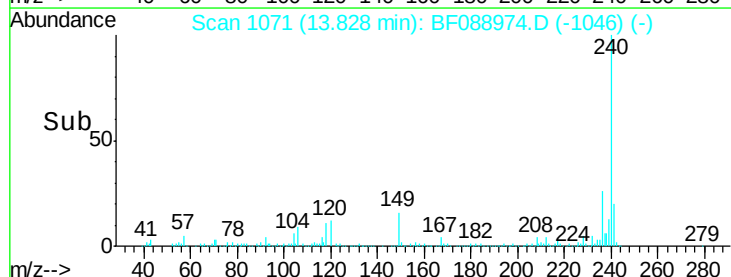
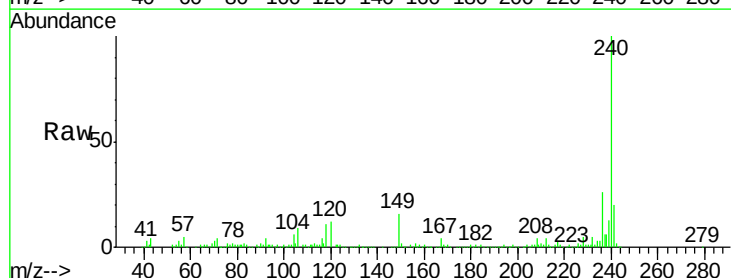
RT: 13.83 min Scan# 1071

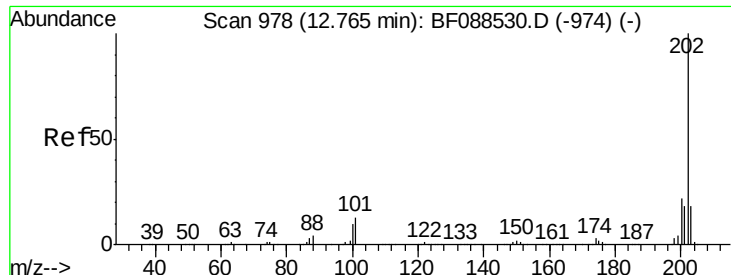
Delta R.T. -0.01 min

Lab File: BF088974.D

Acq: 13 Jul 2016 23:06

Tgt Ion:	240	Resp:	127624
Ion Ratio	Lower	Upper	
240	100		
120	12.4	6.8	10.2#
236	26.1	20.2	30.2





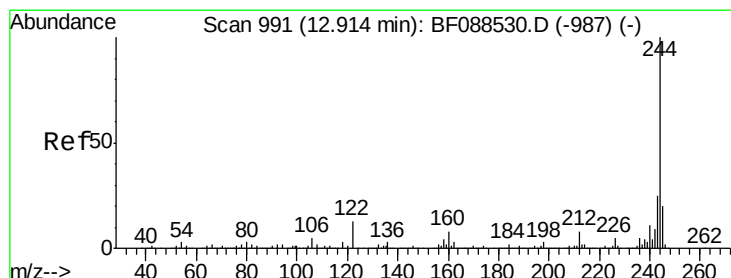
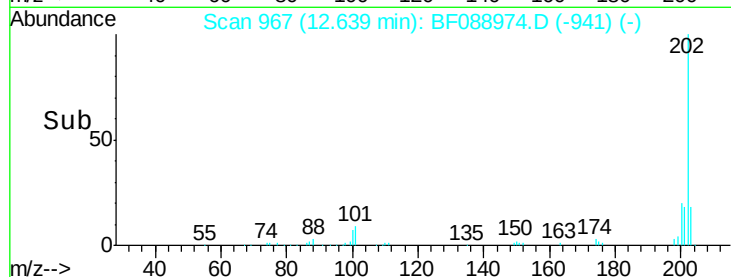
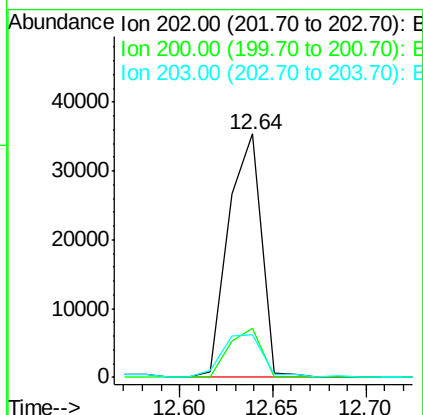
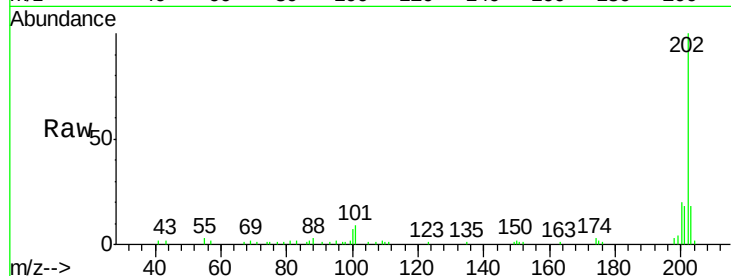
#77
Pvrene
Concen: 4.05 ng
RT: 12.64 min Scan# 967
Delta R.T. -0.00 min
Lab File: BF088974.D
Acq: 13 Jul 2016 23:06

Instrument :
BNA_F
ClientSampleId :
M8-B1(0-5)C

Tot Ion:	202	Resp:	43797
Ion Ratio	Lower	Upper	
202	100		
200	20.1	17.4	26.2
203	17.5	14.5	21.7

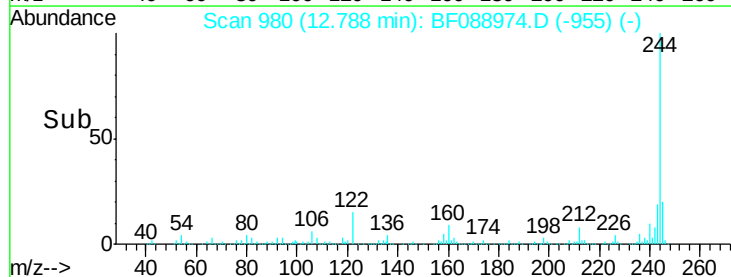
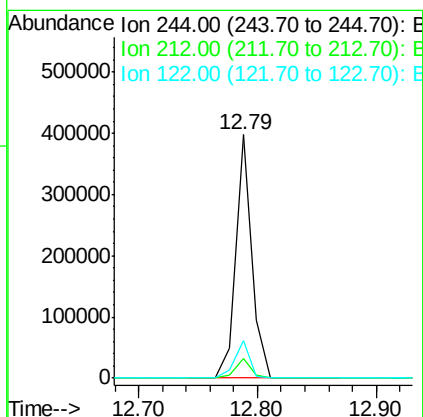
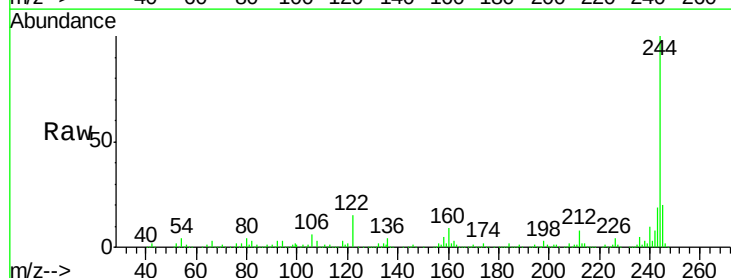
Manual Integrations

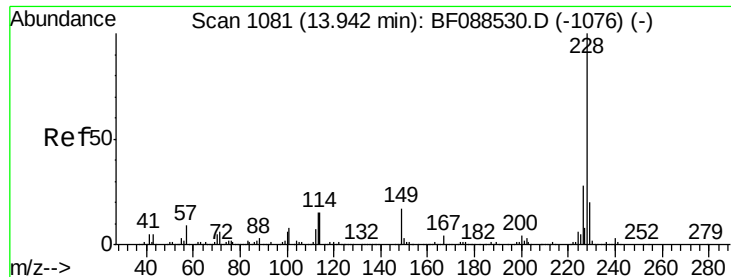
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Sohil
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#78
Terphenyl-d14
Concen: 65.05 ng
RT: 12.79 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF088974.D
Acq: 13 Jul 2016 23:06

Tgt Ion:	244	Resp:	372741
Ion Ratio	Lower	Upper	
244	100		
212	7.9	6.0	9.0
122	15.2	11.2	16.8





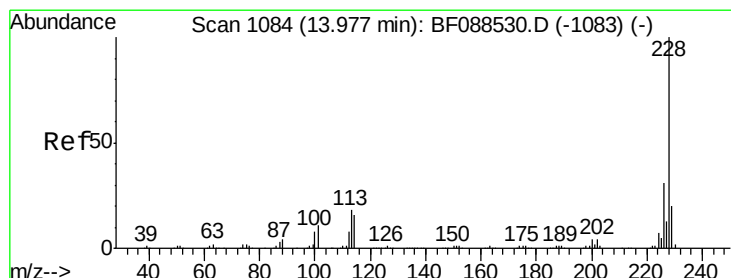
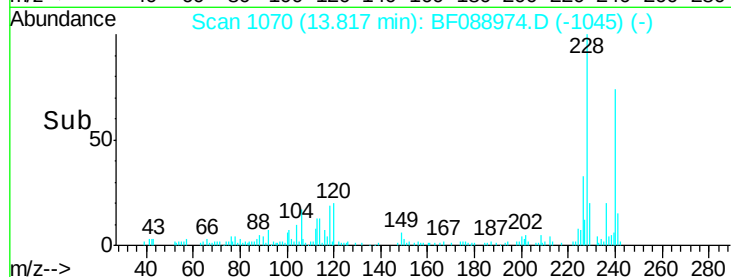
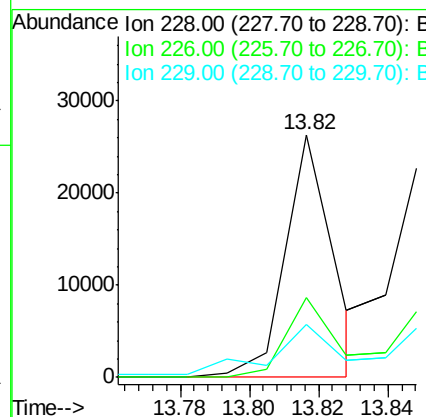
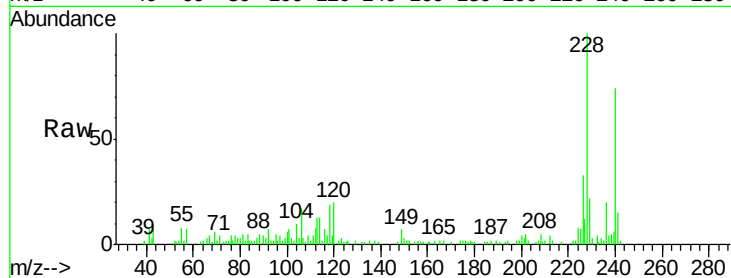
#80
Benzo(a)anthracene
Concen: 3.07 ng m
RT: 13.82 min Scan# 1070
Delta R.T. -0.01 min
Lab File: BF088974.D
Acq: 13 Jul 2016 23:06

Instrument :
BNA_F
ClientSampleId :
M8-B1(0-5)C

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.0	22.3	33.5
229	21.6	16.0	24.0

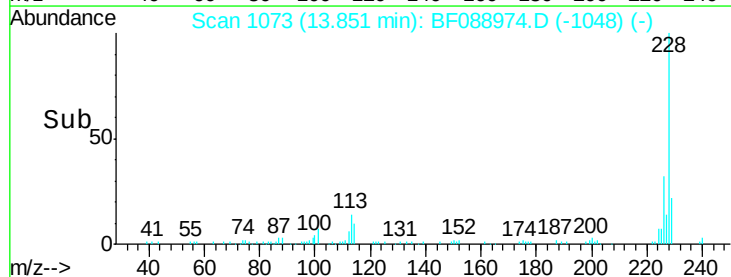
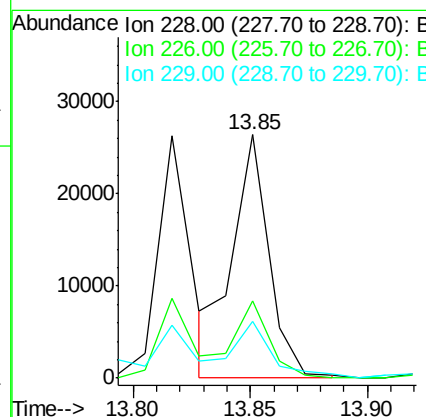
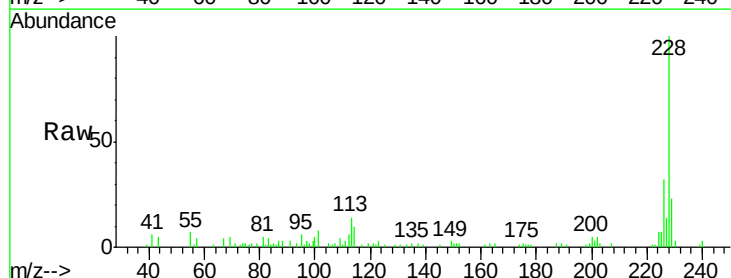
Manual Integrations

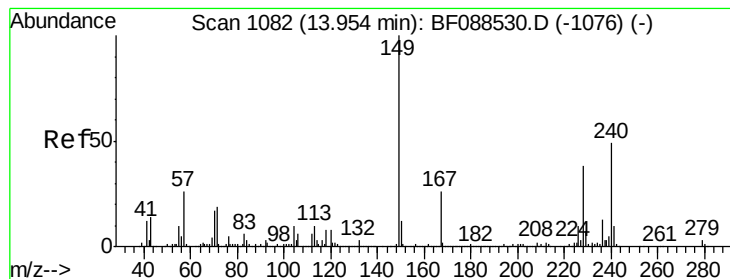
APPROVED
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#82
Chrysene
Concen: 3.52 ng m
RT: 13.85 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BF088974.D
Acq: 13 Jul 2016 23:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.4	38.2
229	23.4	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 4.14 ng

RT: 13.83 min Scan# 1071

Delta R.T. -0.01 min

Lab File: BF088974.D

Acq: 13 Jul 2016 23:06

Instrument :

BNA_F

ClientSampleId :

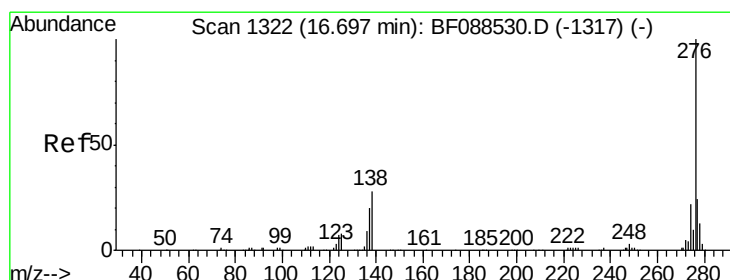
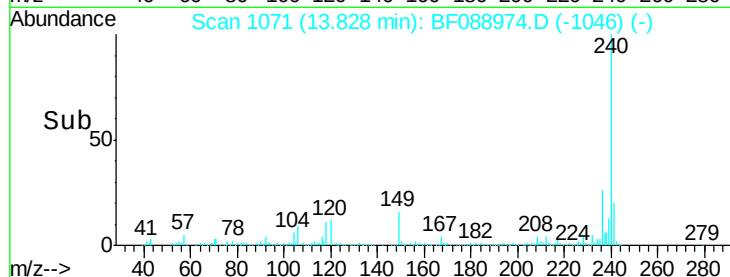
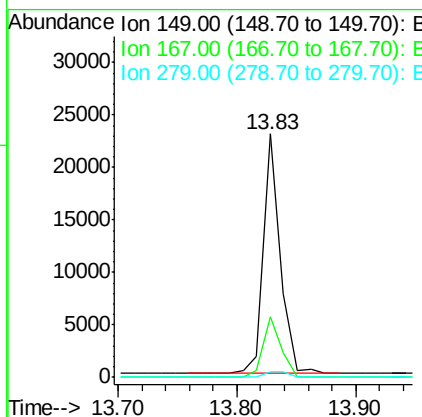
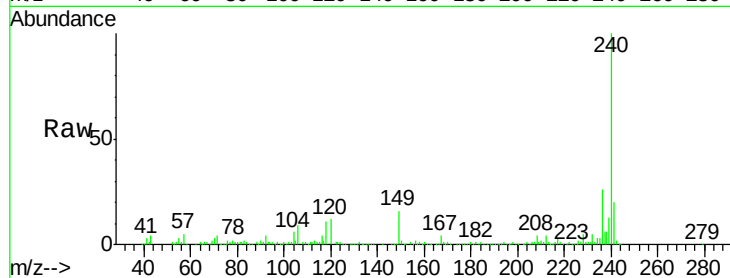
M8-B1(0-5)C

Tot Ion:	149	Resp:	22802
Ion Ratio	Lower	Upper	
149	100		
167	25.0	20.5	30.7
279	2.1	2.0	3.0

Manual Integrations

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#85

Indeno(1,2,3-cd)pyrene

Concen: 2.63 ng

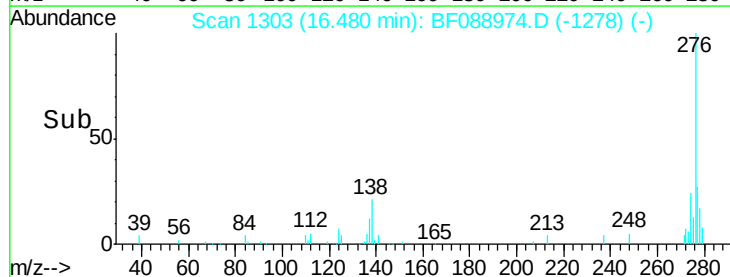
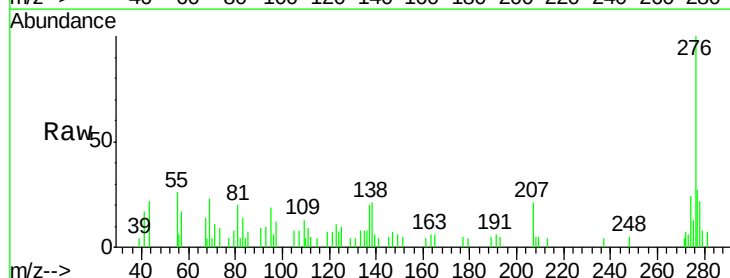
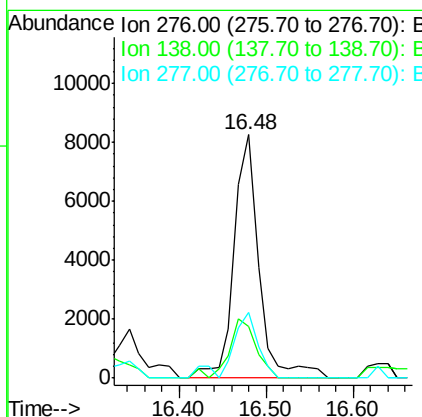
RT: 16.48 min Scan# 1303

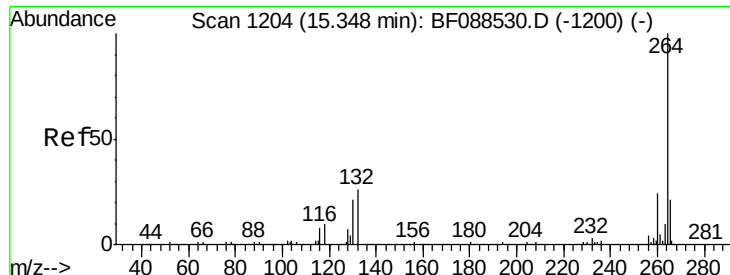
Delta R.T. -0.01 min

Lab File: BF088974.D

Acq: 13 Jul 2016 23:06

Tgt Ion:	276	Resp:	16478
Ion Ratio	Lower	Upper	
276	100		
138	26.6	0.0	0.0#
277	28.5	0.0	0.0#





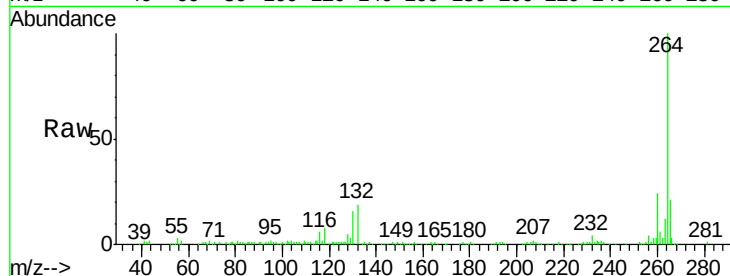
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.20 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BF088974.D
Acq: 13 Jul 2016 23:06

Instrument :
BNA_F
ClientSampled :
M8-B1(0-5)C

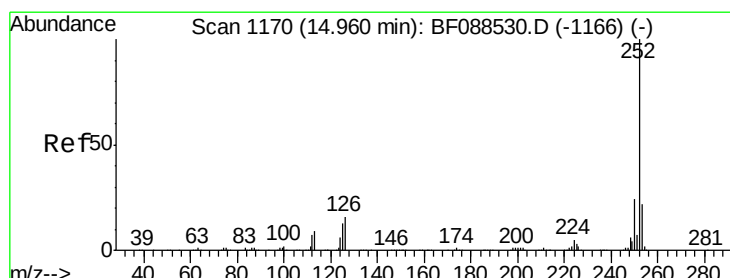
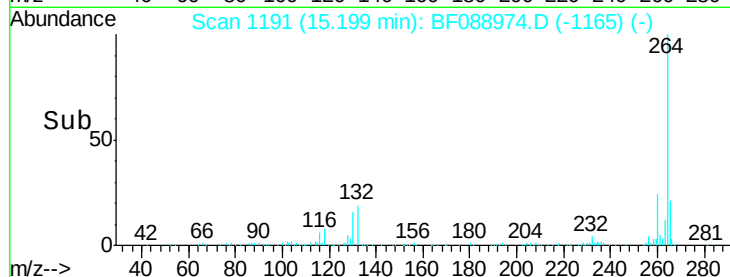
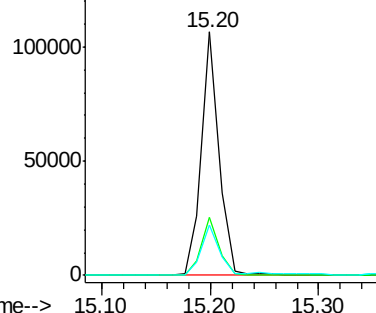
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	20.8	16.9	25.3

Manual Integrations

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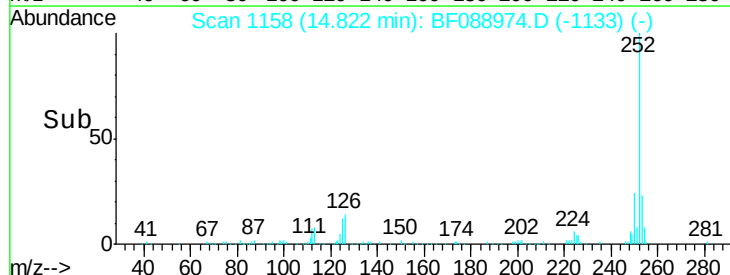
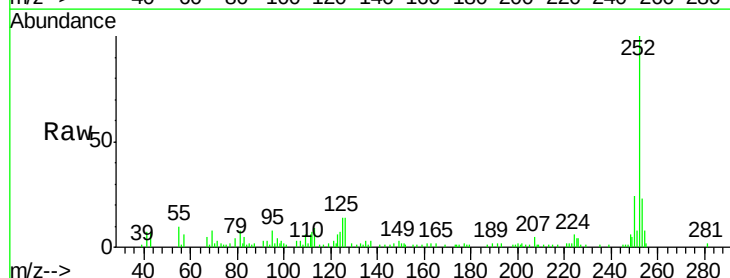
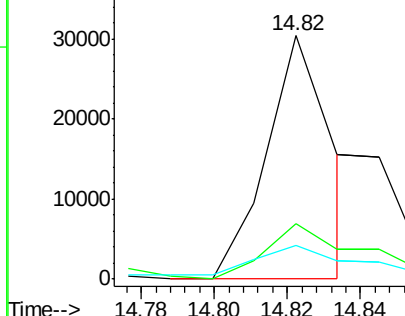
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

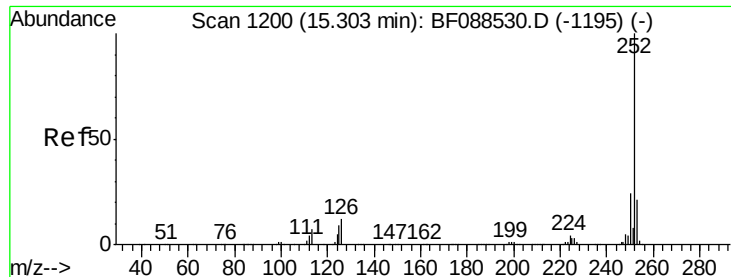


#87
Benzo(b)fluoranthene
Concen: 5.09 ng m
RT: 14.82 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF088974.D
Acq: 13 Jul 2016 23:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.2
125	13.9	7.1	10.7#

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





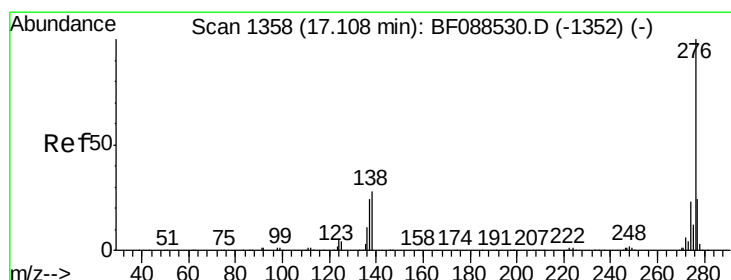
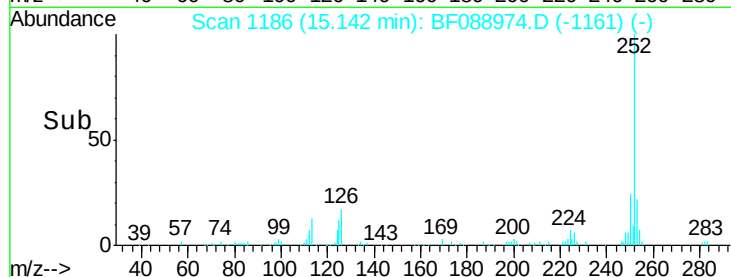
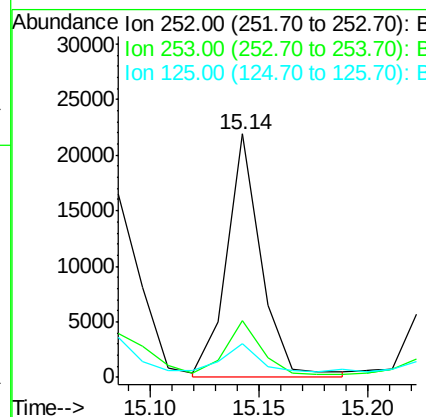
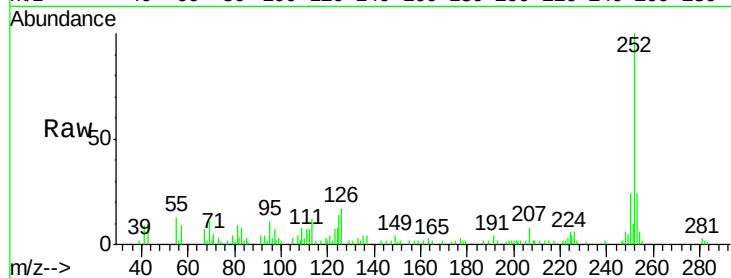
#89
Benzo(a)pyrene
Concen: 3.79 ng
RT: 15.14 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF088974.D
Acq: 13 Jul 2016 23:06

Instrument :
BNA_F
ClientSampleId :
M8-B1(0-5)C

Tot Ion:	252	Resp:	24009
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.9	26.9
125	14.0	12.5	18.7

Manual Integrations

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#91
Benzo(g,h,i)perylene
Concen: 2.86 ng
RT: 16.86 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BF088974.D
Acq: 13 Jul 2016 23:06

Tgt Ion:	276	Resp:	15670
Ion Ratio	Lower	Upper	
276	100		
277	24.1	18.9	28.3
138	27.0	21.4	32.2

