

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071316\
 Data File : BF088960.D
 Acq On : 13 Jul 2016 16:16
 Operator : UM/SJ
 Sample : H3876-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 5-A-LOCATION-5-0-5FT

Manual Integrations

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 7/14/2016 4:19:45 AM

Quant Time: Jul 14 01:25:16 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	71540m	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	263696	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	119426	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	195115	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	126161	20.00	ng	-0.01
86) Perylene-d12	15.20	264	132430	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	393214	82.38	ng	0.00
7) Phenol-d6	6.34	99	495454	80.33	ng	-0.01
23) Nitrobenzene-d5	7.26	82	332176	66.01	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	110662	99.79	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	596343	78.87	ng	0.00
78) Terphenyl-d14	12.79	244	348069	61.45	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.45	163	88523	10.40	ng	100
70) Phenanthrene	11.22	178	27219	2.55	ng	99
74) Fluoranthene	12.41	202	53212	4.92	ng	95
77) Pyrene	12.64	202	43720	4.09	ng	98
80) Benzo(a)anthracene	13.82	228	22776	2.80	ng	92
87) Benzo(b)fluoranthene	14.82	252	23094m	2.78	ng	
89) Benzo(a)pyrene	15.14	252	16625	2.36	ng	96

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

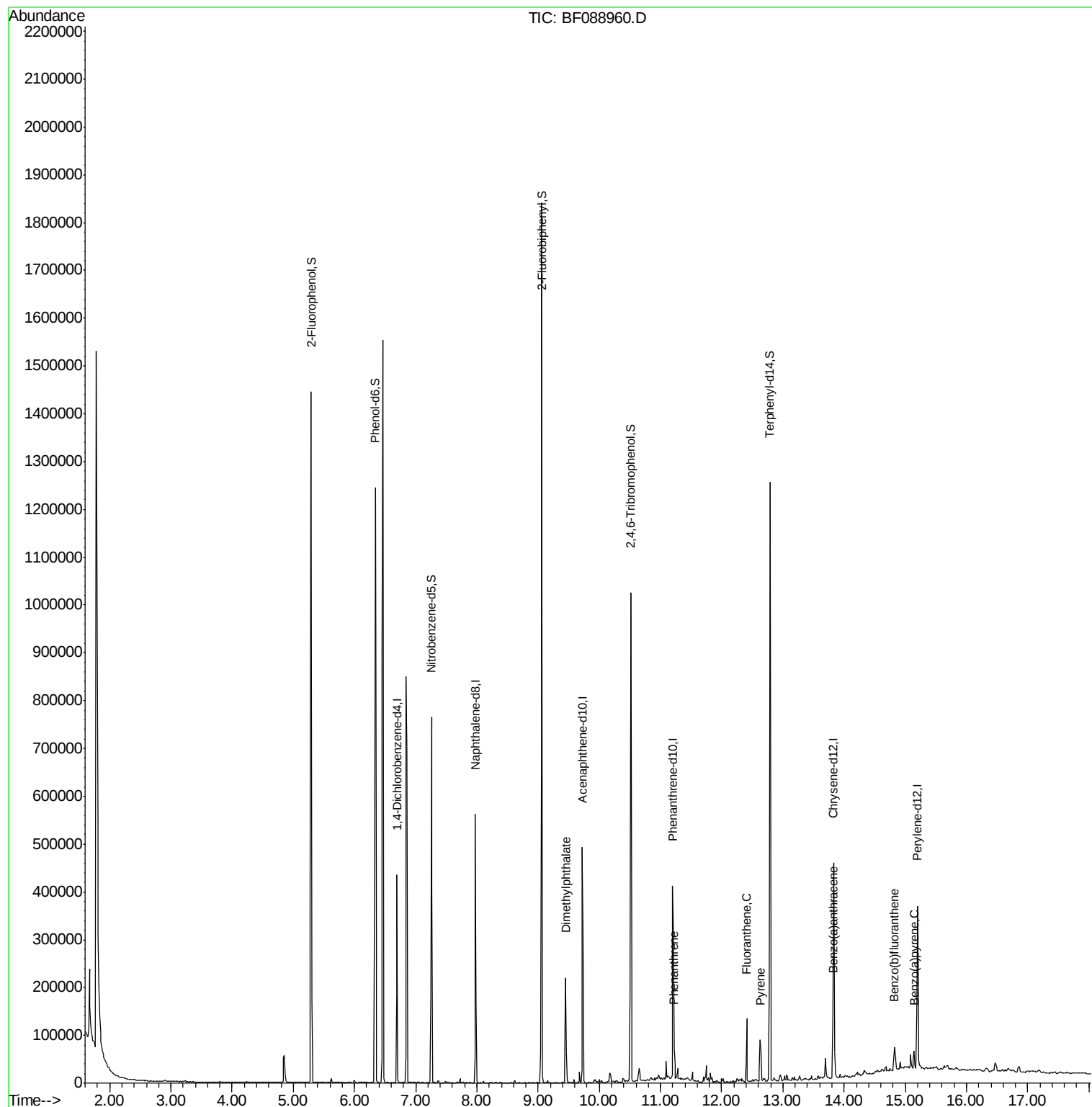
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071316\
Data File : BF088960.D
Acq On : 13 Jul 2016 16:16
Operator : UM/SJ
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#1

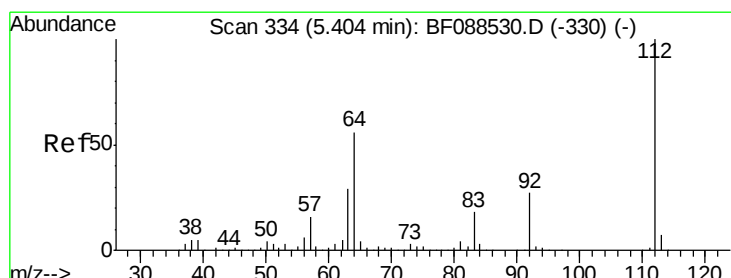
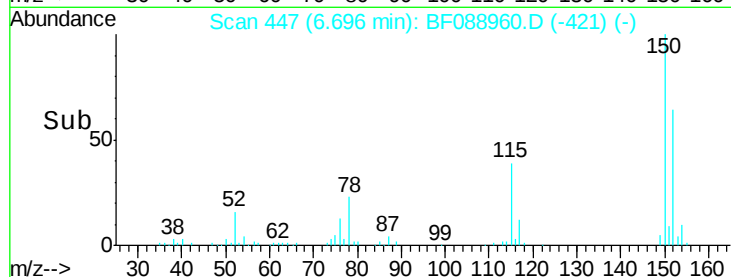
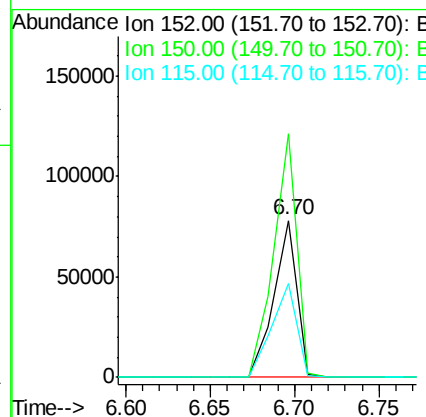
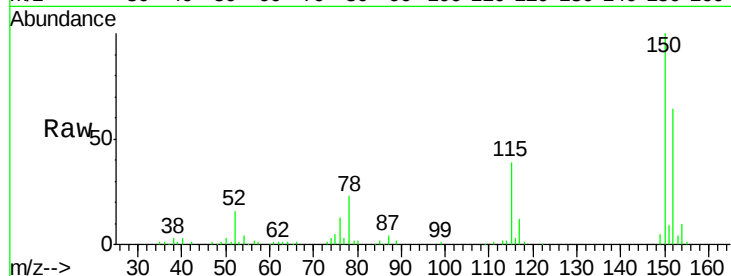
1,4-Dichlorobenzene-d4
Concen: 20.00 ng m
RT: 6.70 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF088960.D
Acq: 13 Jul 2016 16:16

Instrument :
BNA_F
ClientSampleId :
5-A-LOCATION-5-0-5FT

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.5	123.8	185.6
115	60.3	39.6	59.4#

Manual Integrations

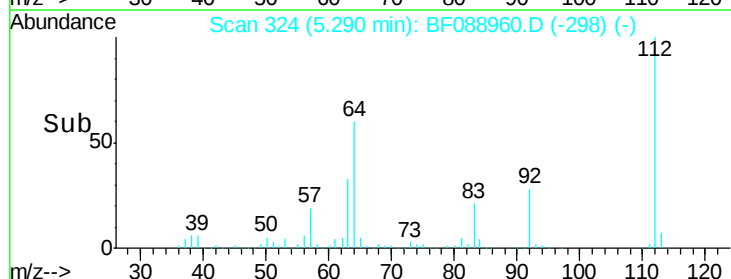
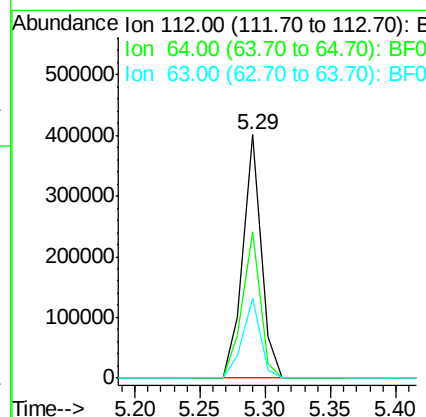
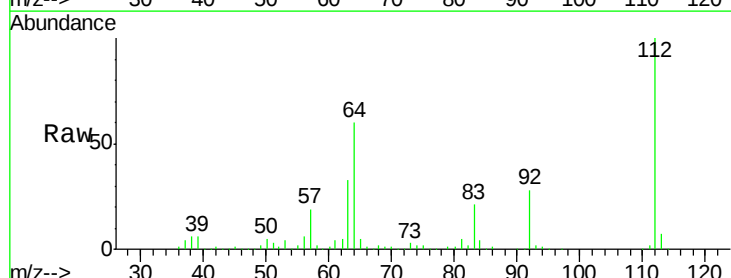
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#5

2-Fluorophenol
Concen: 82.38 ng
RT: 5.29 min Scan# 324
Delta R.T. 0.00 min
Lab File: BF088960.D
Acq: 13 Jul 2016 16:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.1	42.2	63.2
63	33.0	21.8	32.8#





#7

Phenol-d6

Concen: 80.33 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF088960.D

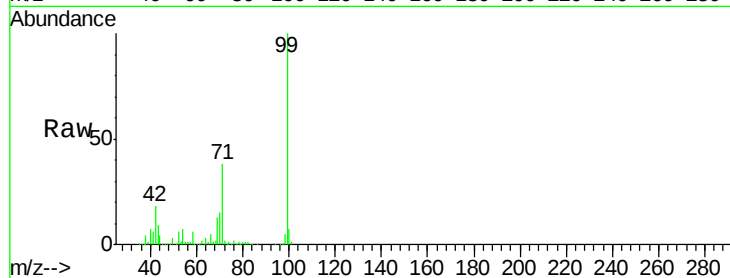
Acq: 13 Jul 2016 16:16

Instrument :

BNA_F

ClientSampleId :

5-A-LOCATION-5-0-5FT

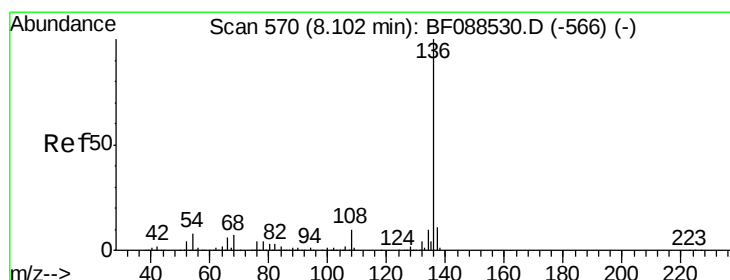
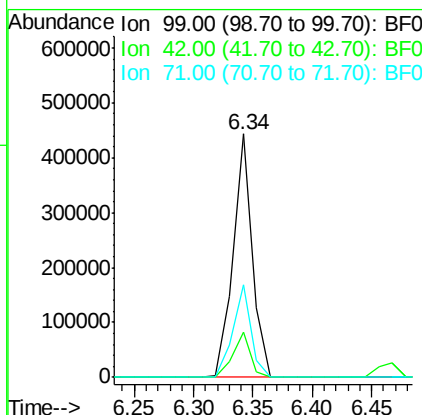
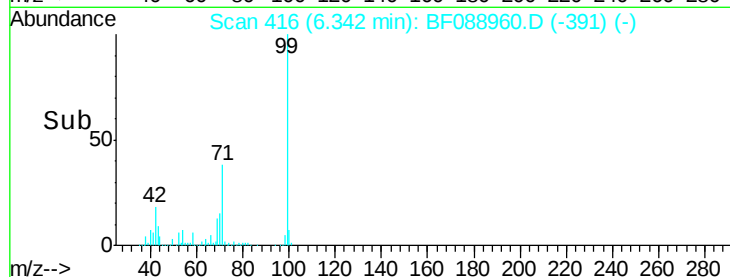


Tgt Ion:	99	Resp:	495454
Ion Ratio	Lower	Upper	
99	100		
42	18.4	12.2	18.2#
71	38.0	23.4	35.0#

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#21

Naphthalene-d8

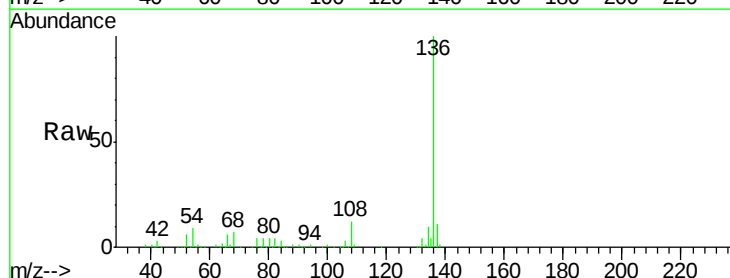
Concen: 20.00 ng

RT: 7.98 min Scan# 559

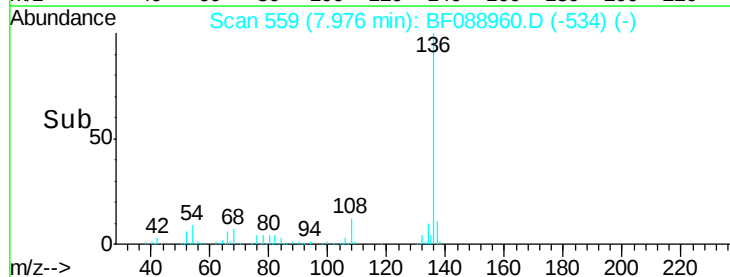
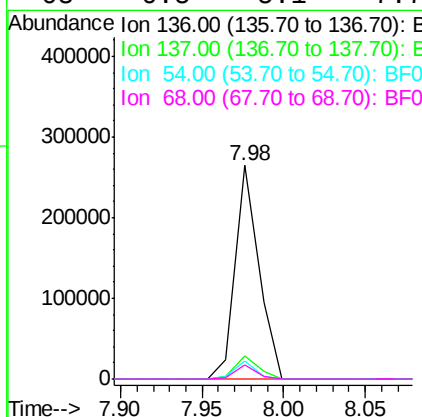
Delta R.T. -0.01 min

Lab File: BF088960.D

Acq: 13 Jul 2016 16:16



Tgt Ion:	136	Resp:	263696
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.1	13.7
54	8.5	6.6	10.0
68	6.5	5.1	7.7





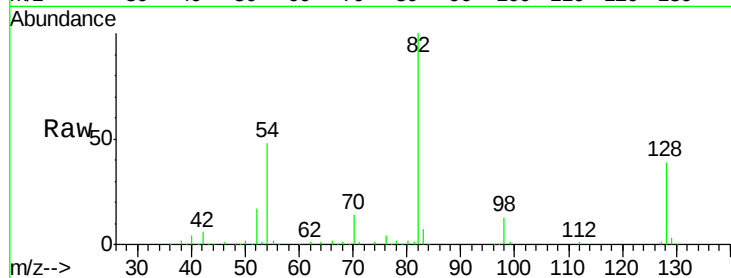
#23
 Nitrobenzene-d5
 Concen: 66.01 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.01 min
 Lab File: BF088960.D
 Acq: 13 Jul 2016 16:16

Instrument :
 BNA_F
 ClientSampleId :
 5-A-LOCATION-5-0-5FT

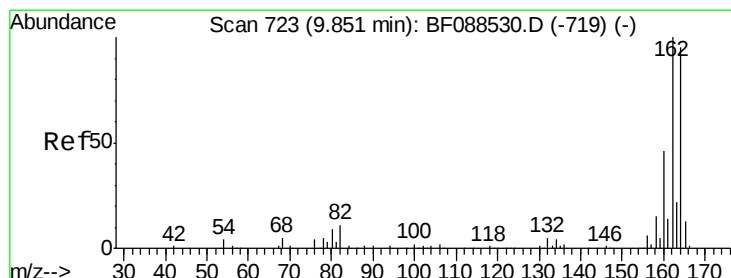
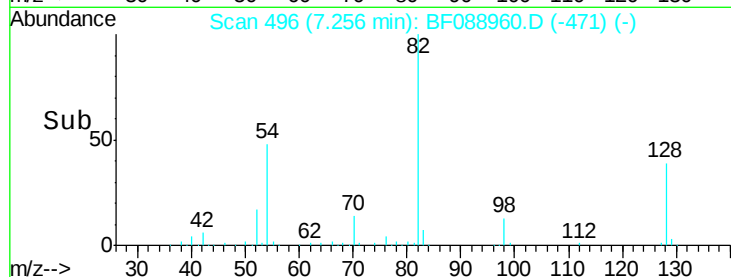
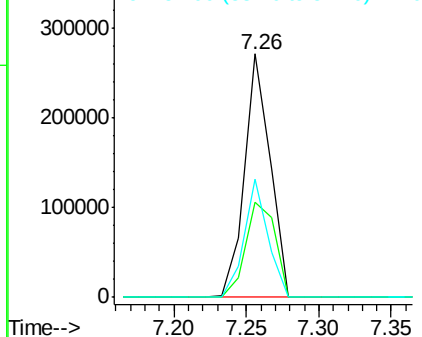
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.1	35.9	53.9
54	48.4	40.9	61.3

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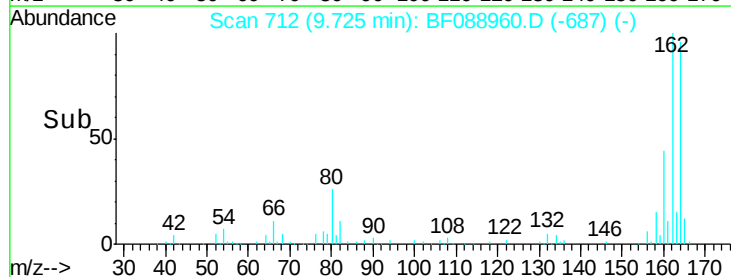
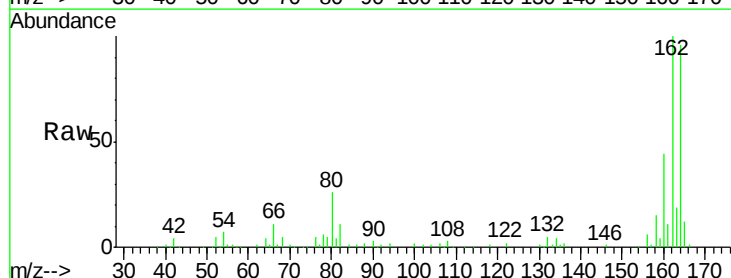
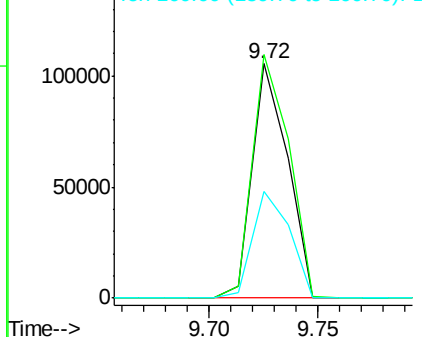
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: BF088960.D
 Acq: 13 Jul 2016 16:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	85.4	128.2
160	45.6	39.5	59.3

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





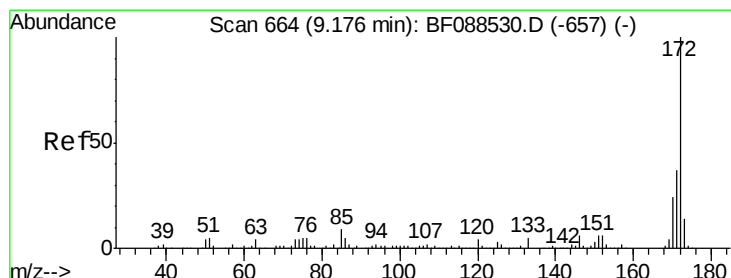
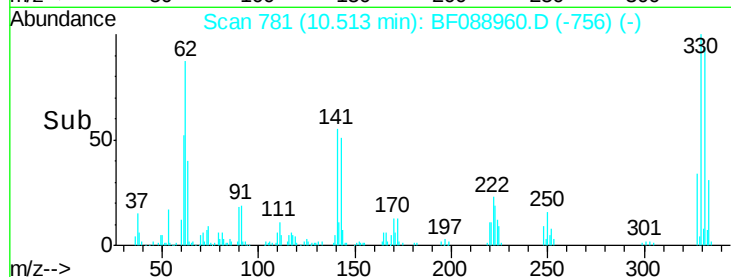
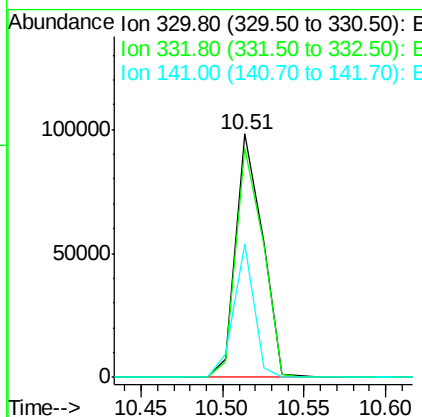
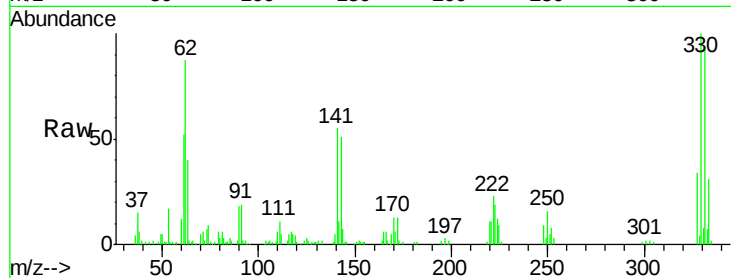
#41
 2,4,6-Tribromophenol
 Concen: 99.79 ng
 RT: 10.51 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF088960.D
 Acq: 13 Jul 2016 16:16

Instrument :
 BNA_F
 ClientSampleId :
 5-A-LOCATION-5-0-5FT

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	110662		
332	95.8	0.0	0.0#	
141	41.9	0.0	0.0#	

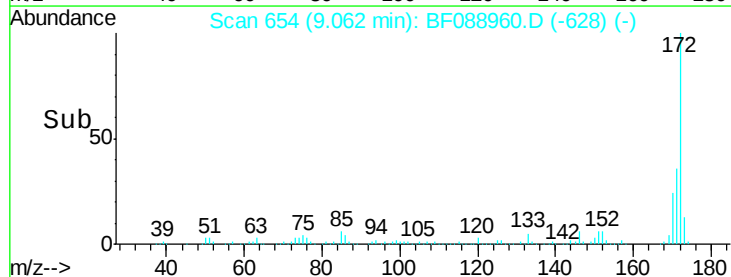
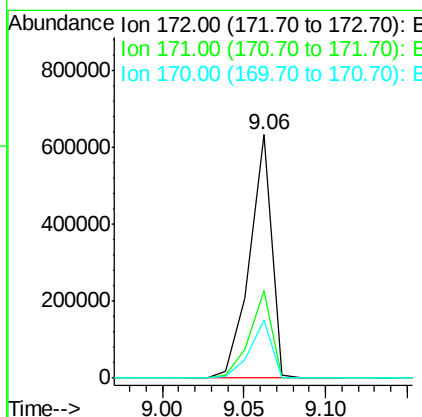
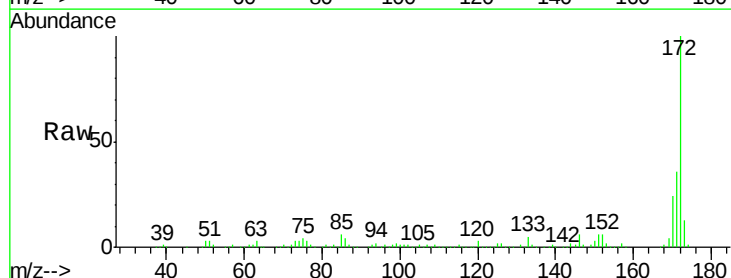
Manual Integrations

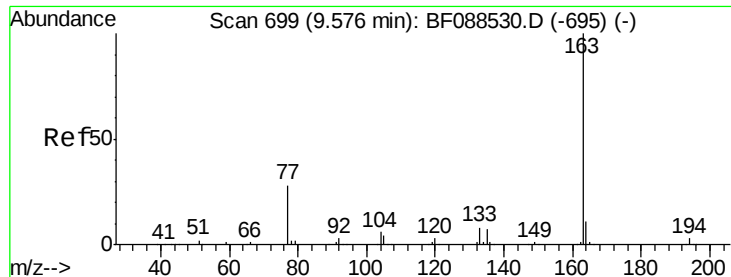
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#44
 2-Fluorobiphenyl
 Concen: 78.87 ng
 RT: 9.06 min Scan# 654
 Delta R.T. 0.00 min
 Lab File: BF088960.D
 Acq: 13 Jul 2016 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	596343		
171	36.0	28.6	43.0	
170	23.8	19.2	28.8	





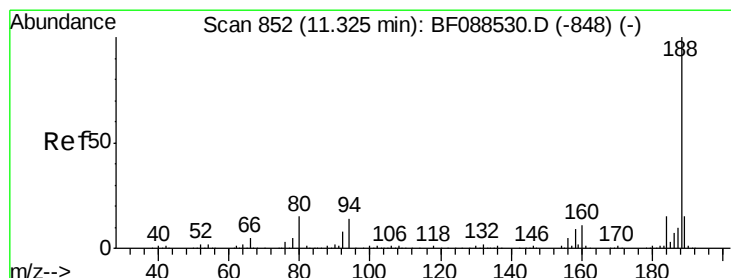
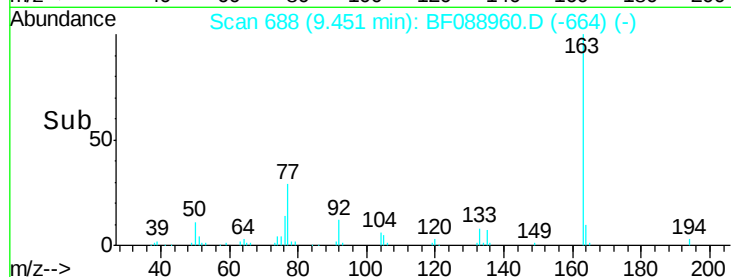
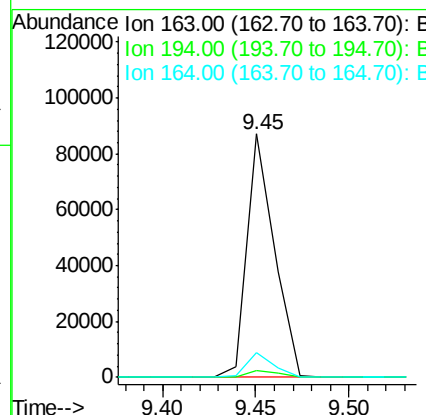
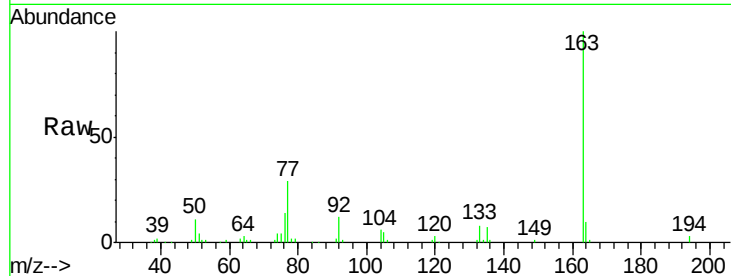
#49
Dimethylphthalate
Concen: 10.40 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.02 min
Lab File: BF088960.D
Acq: 13 Jul 2016 16:16

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:163 Resp: 88523
Ion Ratio Lower Upper
163 100
194 3.0 2.8 4.2
164 10.3 8.3 12.5

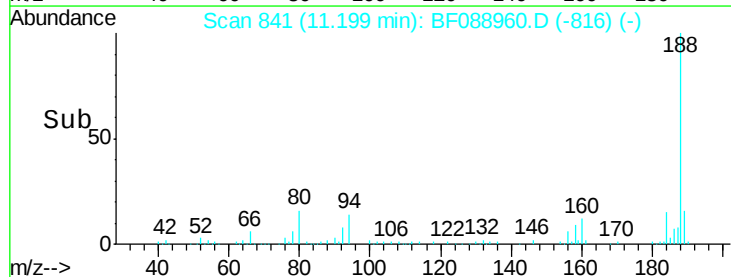
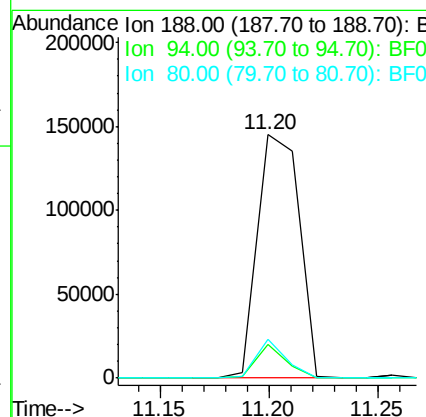
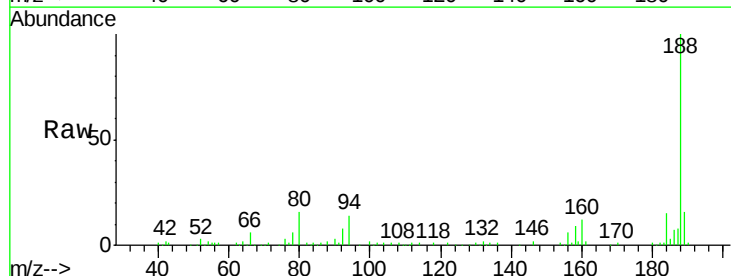
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF088960.D
Acq: 13 Jul 2016 16:16

Tgt Ion:188 Resp: 195115
Ion Ratio Lower Upper
188 100
94 13.8 9.0 13.6#
80 16.1 10.0 15.0#





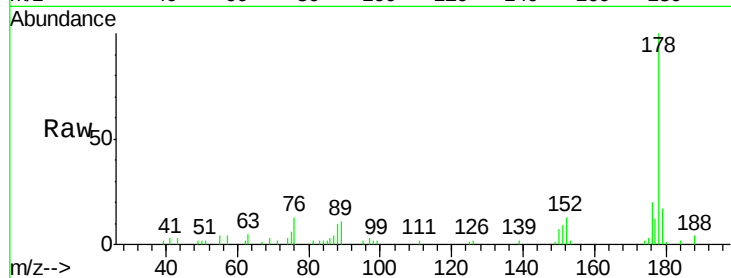
#70
Phenanthrene
Concen: 2.55 ng
RT: 11.22 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF088960.D
Acq: 13 Jul 2016 16:16

Instrument :
BNA_F
ClientSampleId :
5-A-LOCATION-5-0-5FT

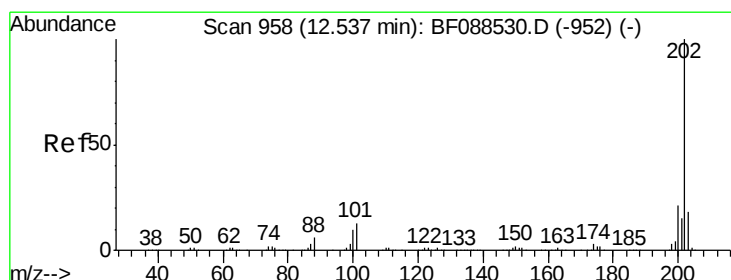
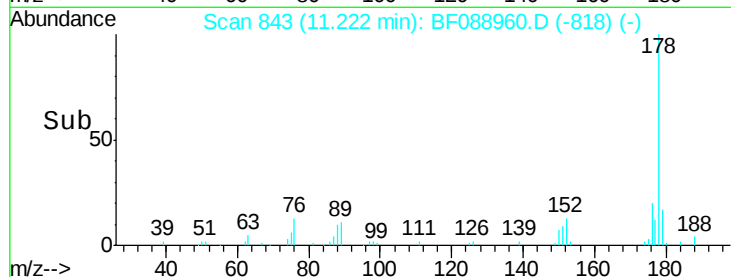
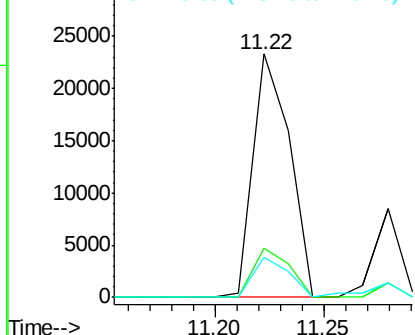
Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.6
179	16.6	13.0	19.4

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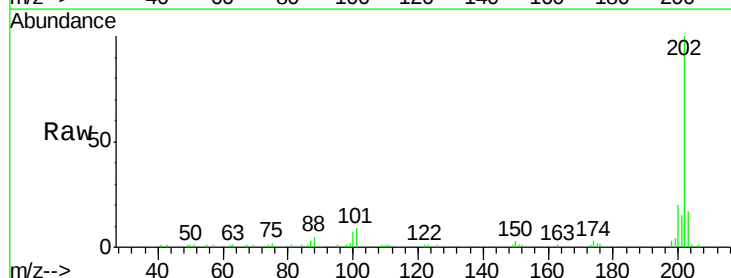


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

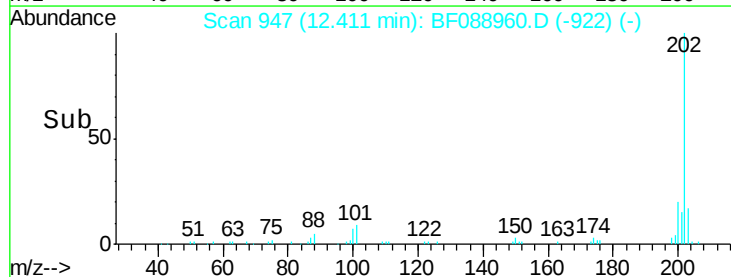
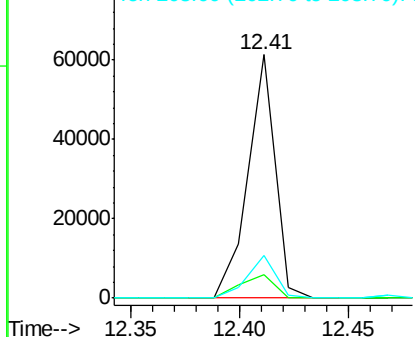


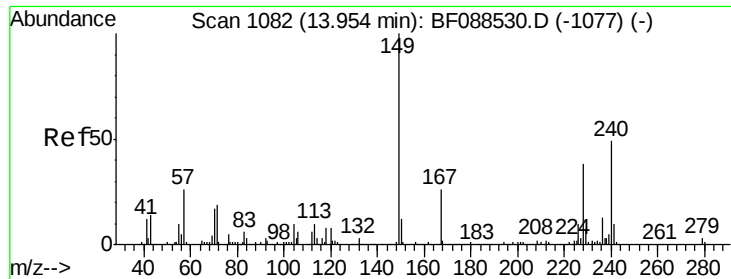
#74
Fluoranthene
Concen: 4.92 ng
RT: 12.41 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF088960.D
Acq: 13 Jul 2016 16:16

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	33.1
203	17.4	0.0	38.1



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: 13.83 min Scan# 1071

Delta R.T. -0.01 min

Lab File: BF088960.D

Acq: 13 Jul 2016 16:16

Instrument :

BNA_F

ClientSampleId :

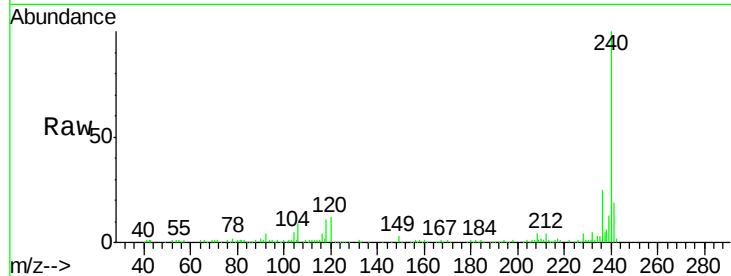
5-A-LOCATION-5-0-5FT

Tgt Ion:	240	Resp:	126161
Ion Ratio	Lower	Upper	
240	100		
120	12.2	6.8	10.2#
236	25.4	20.2	30.2

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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

13.83

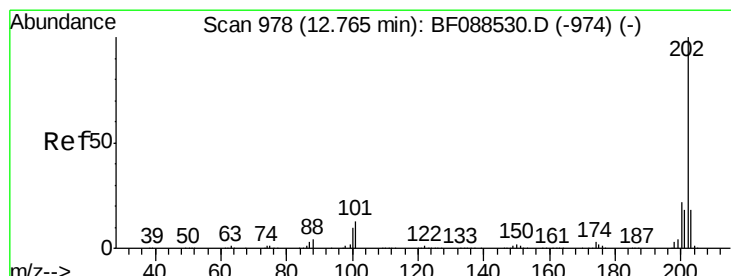
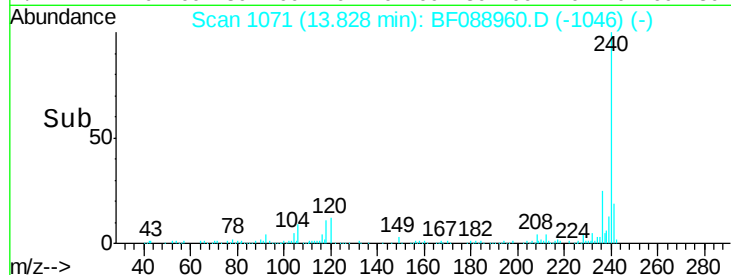
150000

100000

50000

0

Time--> 13.75 13.80 13.85 13.90



#77

Pyrene

Concen: 4.09 ng

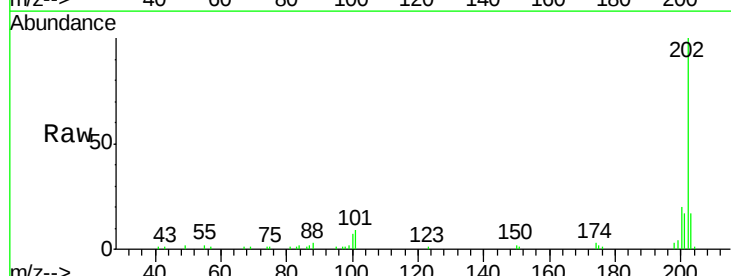
RT: 12.64 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF088960.D

Acq: 13 Jul 2016 16:16

Tgt Ion:	202	Resp:	43720
Ion Ratio	Lower	Upper	
202	100		
200	20.3	17.4	26.2
203	17.4	14.5	21.7



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

12.64

40000

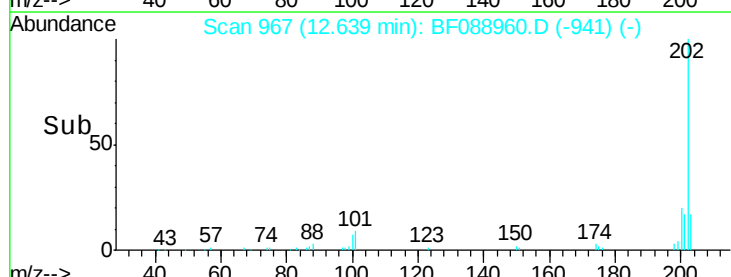
30000

20000

10000

0

Time--> 12.60 12.65 12.70





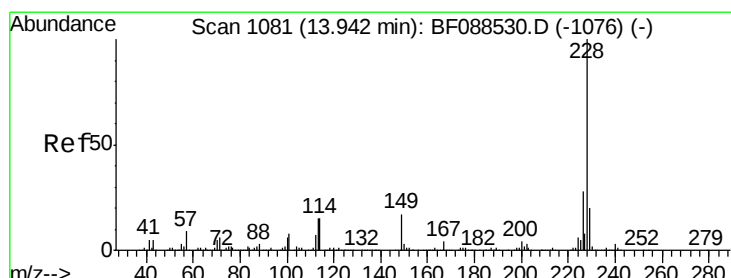
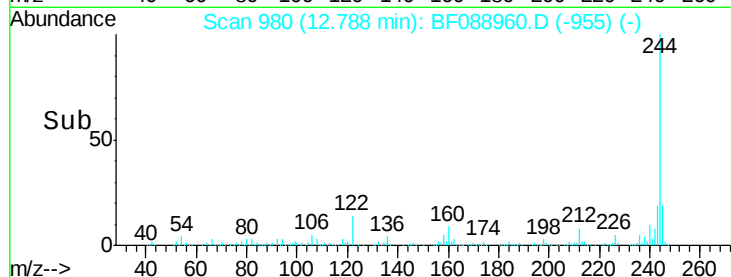
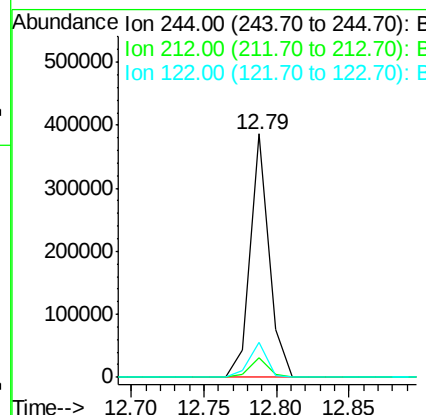
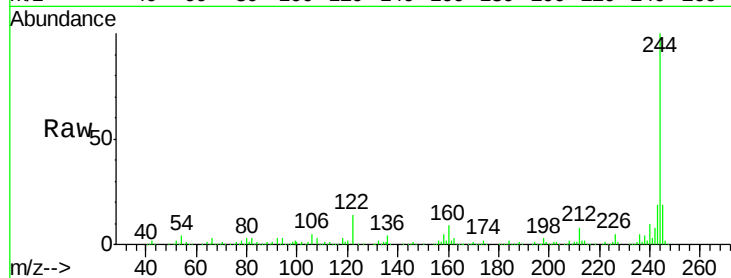
#78
 Terphenyl-d14
 Concen: 61.45 ng
 RT: 12.79 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF088960.D
 Acq: 13 Jul 2016 16:16

Instrument :
 BNA_F
 ClientSampleId :
 5-A-LOCATION-5-0-5FT

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.0	9.0
122	14.4	11.2	16.8

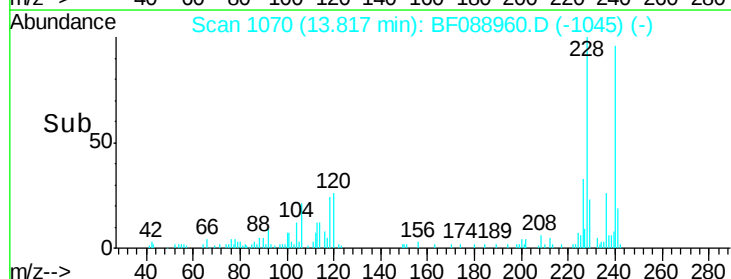
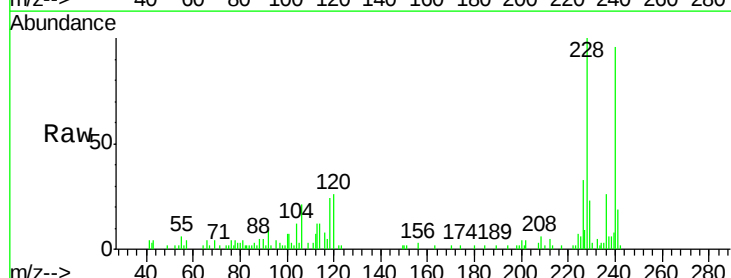
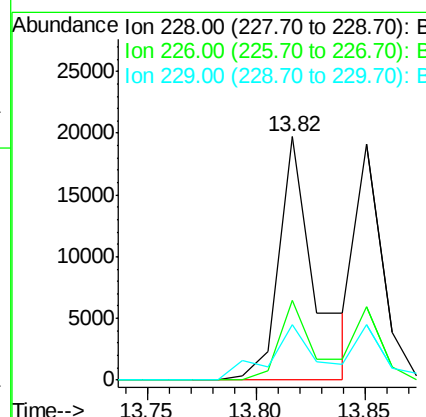
Manual Integrations

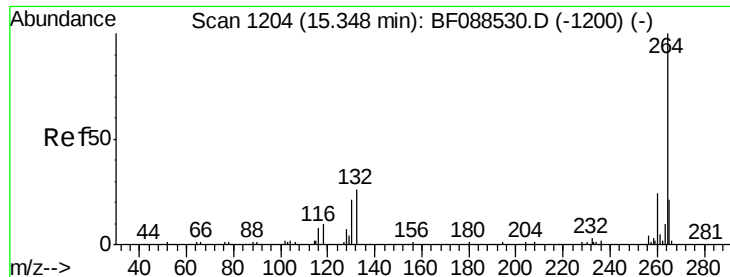
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#80
 Benzo(a)anthracene
 Concen: 2.80 ng
 RT: 13.82 min Scan# 1070
 Delta R.T. -0.01 min
 Lab File: BF088960.D
 Acq: 13 Jul 2016 16:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.9	22.3	33.5
229	22.9	16.0	24.0





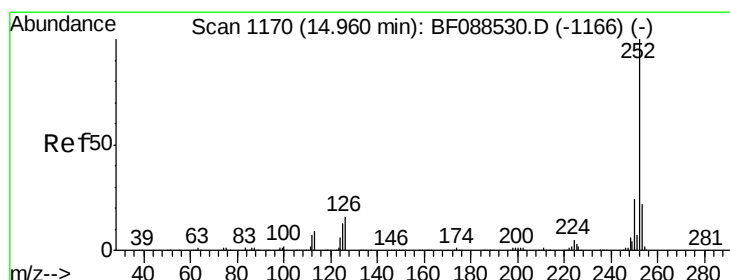
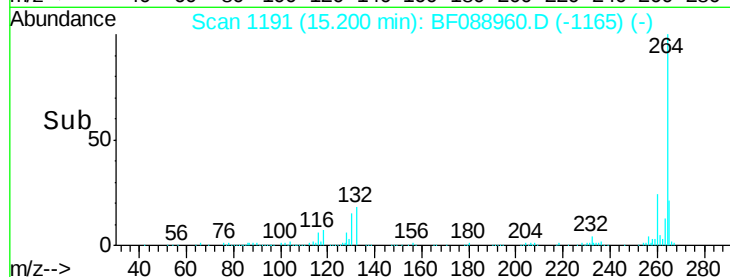
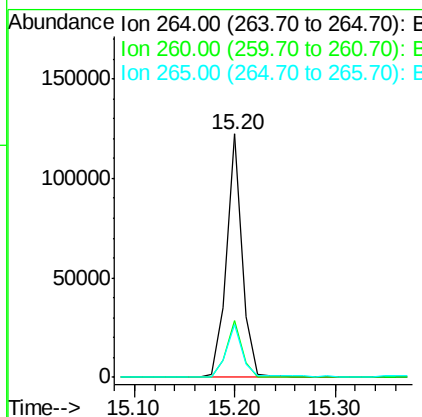
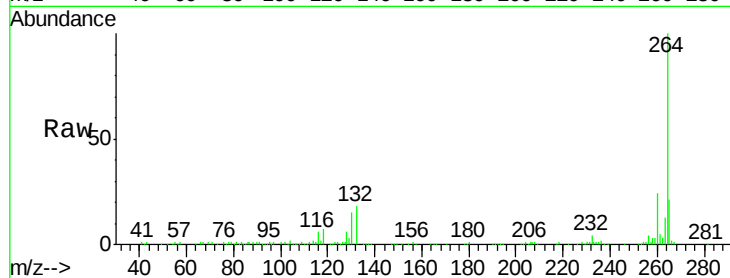
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.20 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BF088960.D
Acq: 13 Jul 2016 16:16

Instrument :
BNA_F
ClientSampleId :
5-A-LOCATION-5-0-5FT

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.5	16.9	25.3

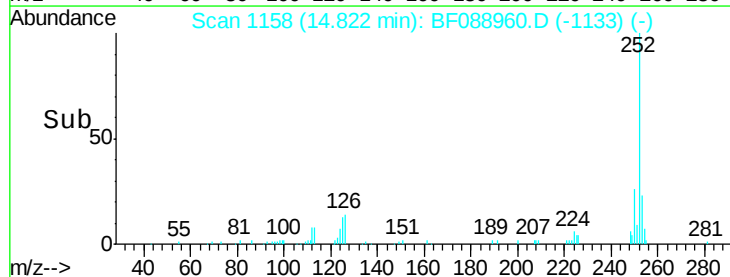
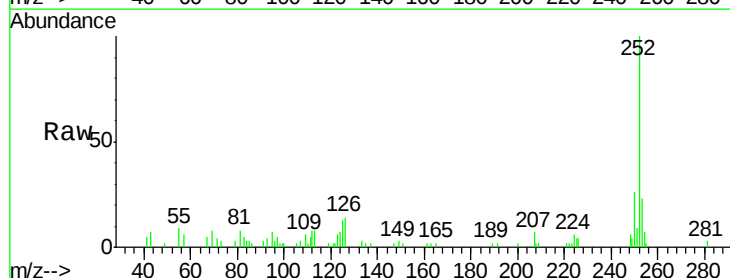
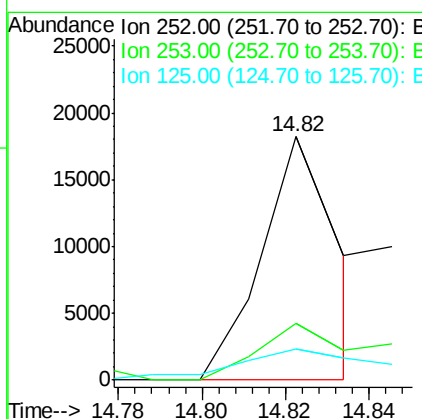
Manual Integrations

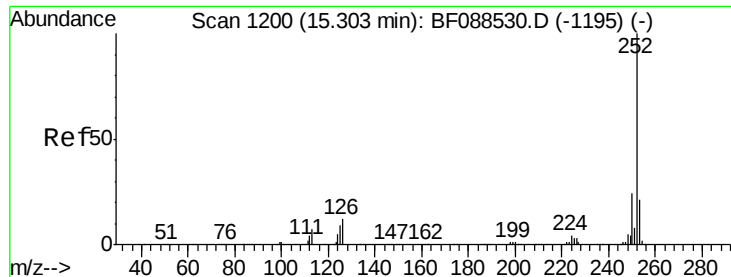
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#87
Benzo(b)fluoranthene
Concen: 2.78 ng m
RT: 14.82 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF088960.D
Acq: 13 Jul 2016 16:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.2
125	12.7	7.1	10.7#





#89
Benzo(a)pyrene
Concen: 2.36 ng
RT: 15.14 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF088960.D
Acq: 13 Jul 2016 16:16

Instrument :
BNA_F
ClientSampleId :
5-A-LOCATION-5-0-5FT

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.9	26.9
125	12.8	12.5	18.7

Manual Integrations

APPROVED
Sohil
7/14/2016 4:19:45 AM

