

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070616\
 Data File : BF088763.D
 Acq On : 7 Jul 2016 5:17
 Operator : UM/SJ
 Sample : H3878-19
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C2.1-07

Manual Integrations

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Quant Time: Jul 07 07:12:26 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 01:24:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	82039	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	349978	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	152909	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	242777	20.00	ng	0.00
75) Chrysene-d12	13.89	240	175124	20.00	ng	0.00
86) Perylene-d12	15.27	264	167276	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	309127	56.47	ng	0.00
7) Phenol-d6	6.39	99	419222	59.27	ng	0.00
23) Nitrobenzene-d5	7.31	82	277345	41.53	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	78483	55.27	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	404367	41.77	ng	-0.01
78) Terphenyl-d14	12.85	244	311178	39.58	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.51	163	83951	7.71	ng	99
70) Phenanthrene	11.28	178	47051	3.55	ng	99
74) Fluoranthene	12.46	202	45580	3.39	ng	94
77) Pyrene	12.69	202	43638	2.94	ng	98
87) Benzo(b)fluoranthene	14.88	252	24901m	2.37	ng	

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

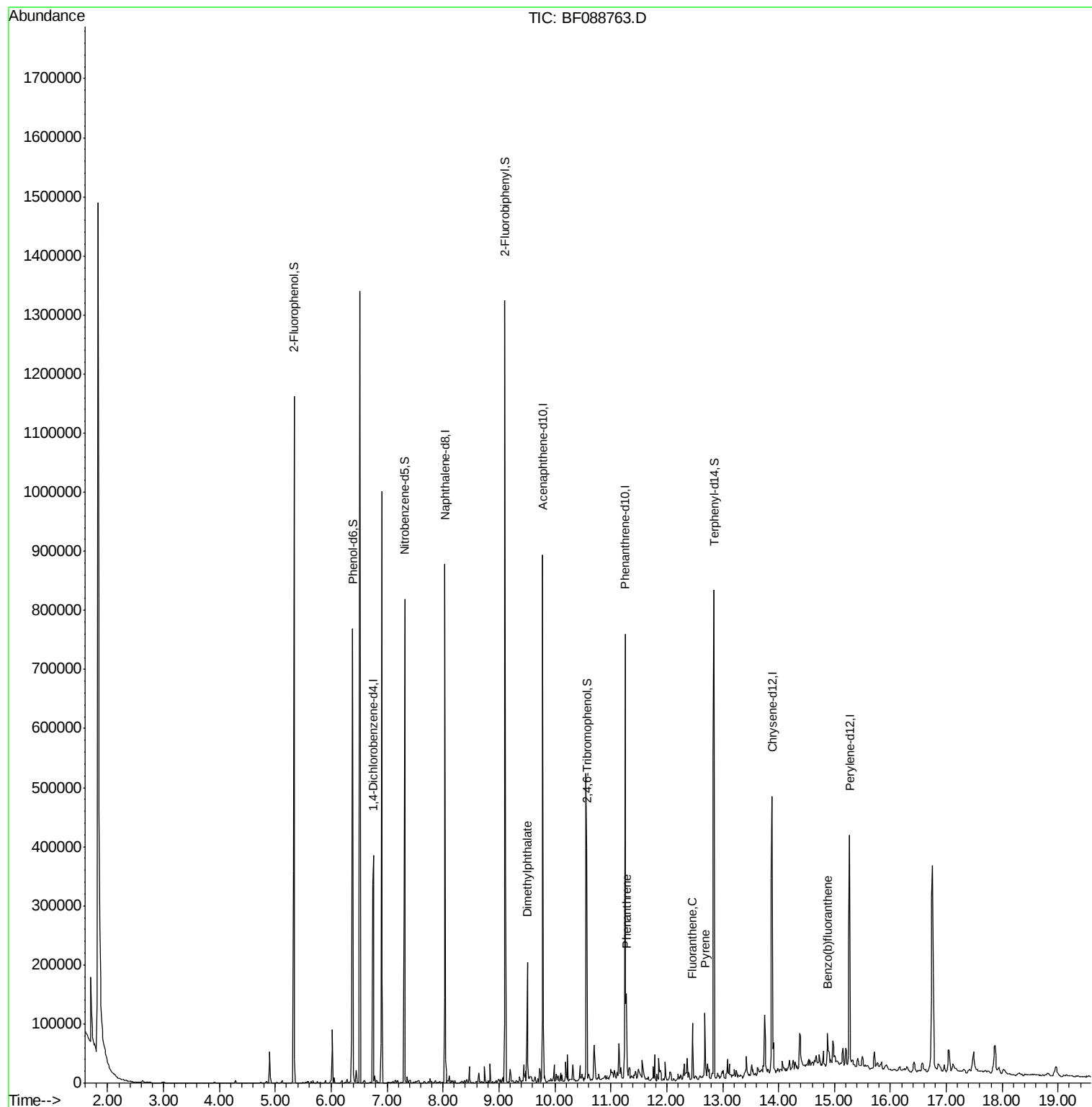
Data Path : Z:\HPCHEM1\BNA F\DATA\BF070616\
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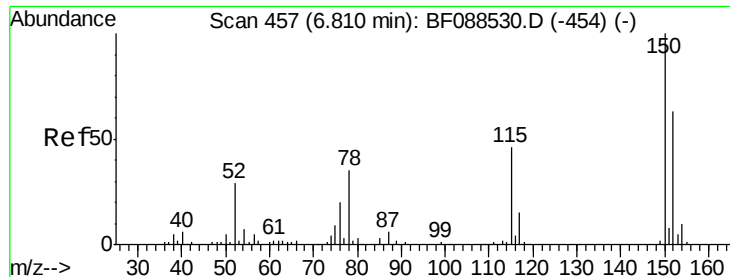
Instrument :
BNA_F
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C2.1-07

Manual Integrations

Quant Time: Jul 07 07:12:26 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
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#1

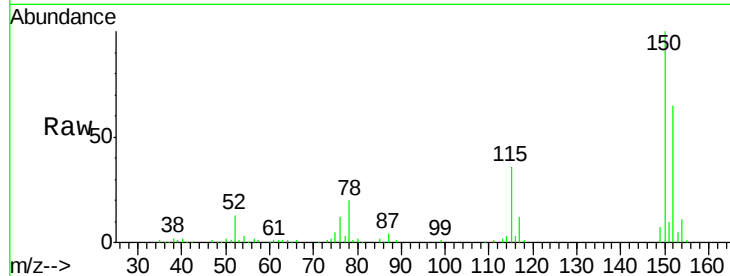
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF088763.D
Acq: 7 Jul 2016 5:17

Instrument :
BNA_F
ClientSampled :
C2.1-07

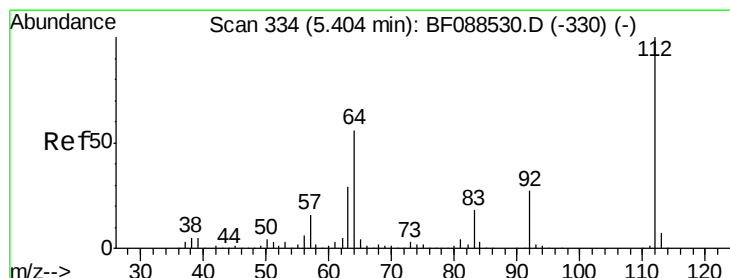
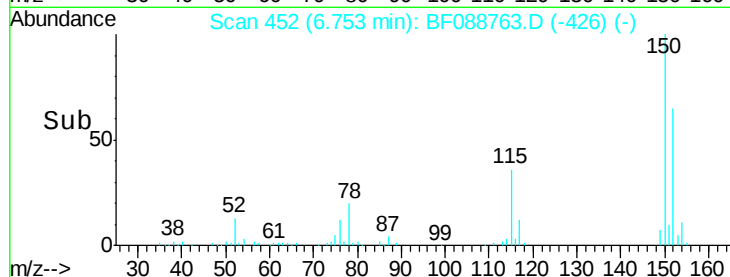
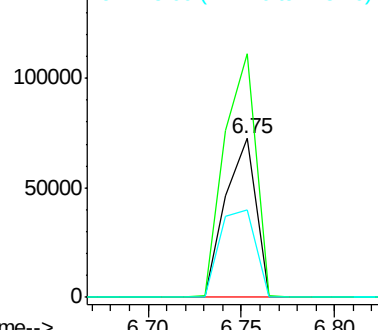
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	123.8	185.6
115	54.8	39.6	59.4

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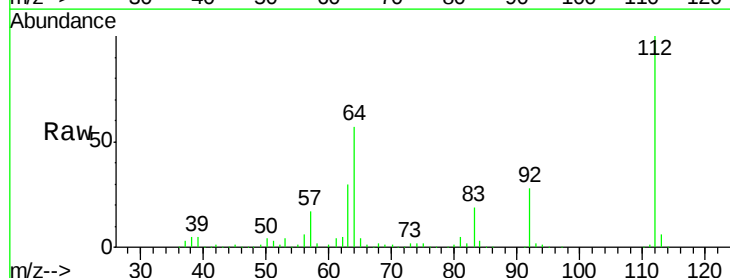
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



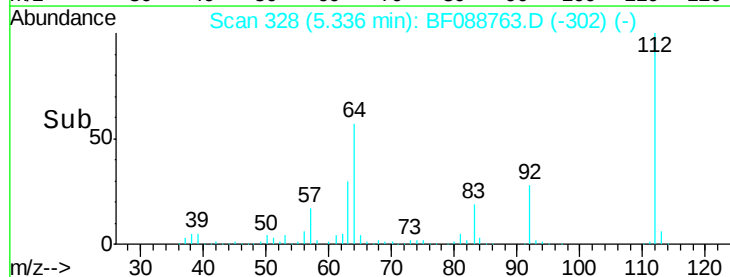
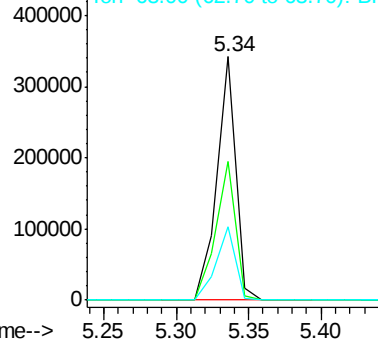
#5

2-Fluorophenol
Concen: 56.47 ng
RT: 5.34 min Scan# 328
Delta R.T. -0.00 min
Lab File: BF088763.D
Acq: 7 Jul 2016 5:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.7	42.2	63.2
63	30.0	21.8	32.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 59.27 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF088763.D

Acq: 7 Jul 2016 5:17

Instrument :

BNA_F

ClientSampleId :

C2.1-07

Tot Ion: 99 Resp: 419222

Ion Ratio Lower Upper

99 100

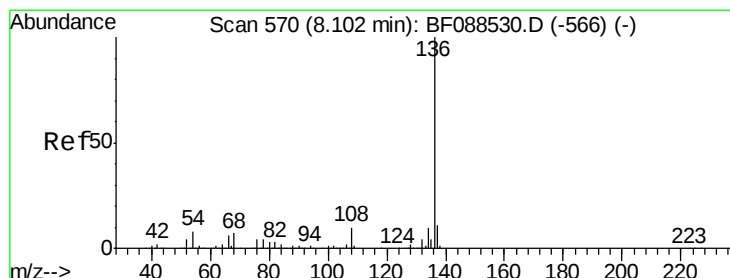
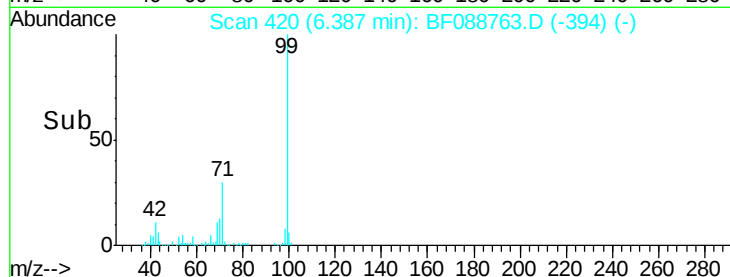
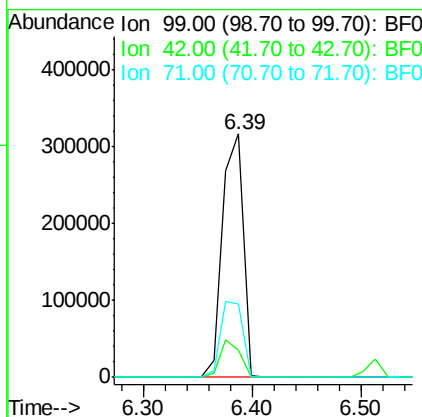
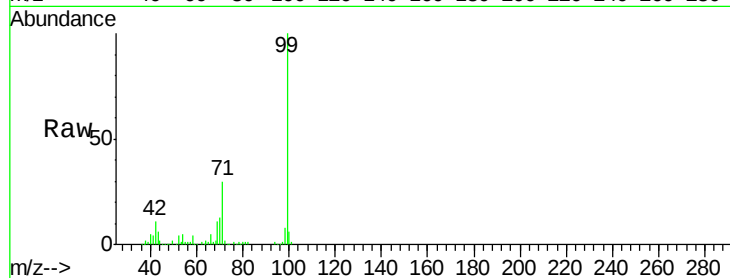
42 11.4 12.2 18.2#

71 29.9 23.4 35.0

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 564

Delta R.T. -0.00 min

Lab File: BF088763.D

Acq: 7 Jul 2016 5:17

Tgt Ion: 136 Resp: 349978

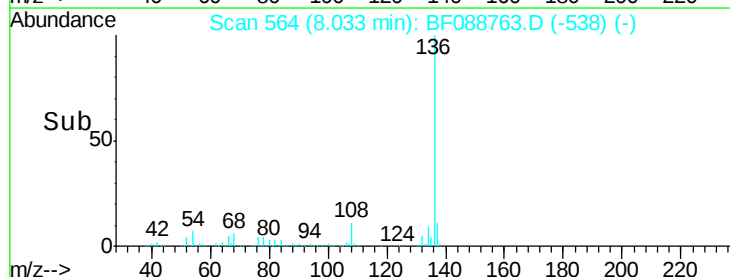
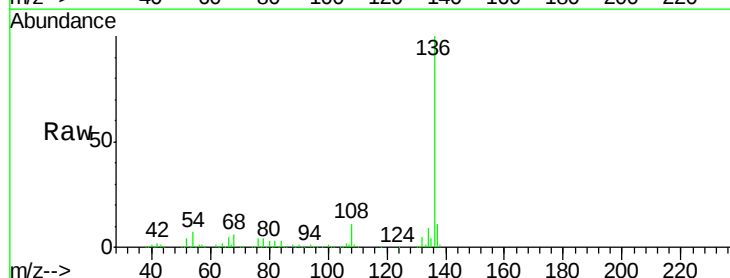
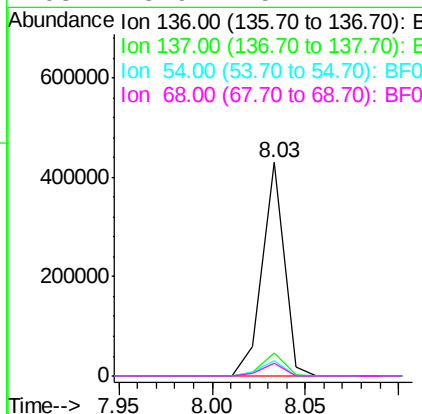
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 7.0 6.6 10.0

68 5.9 5.1 7.7





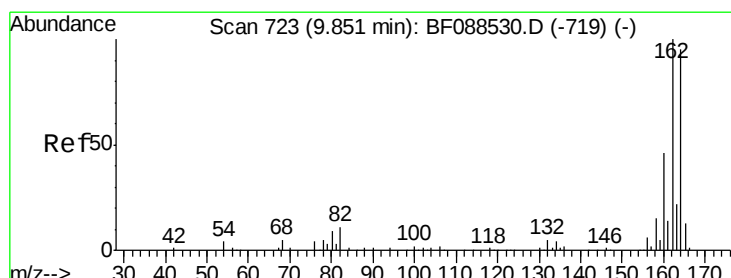
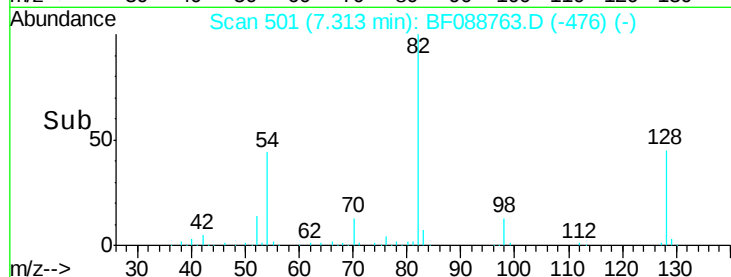
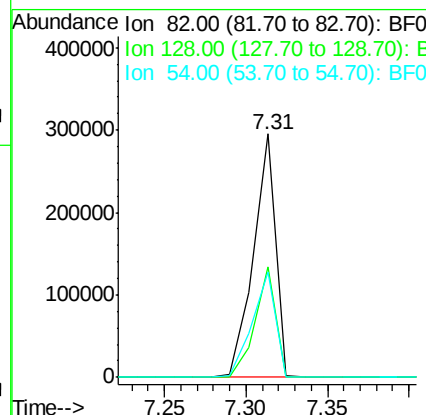
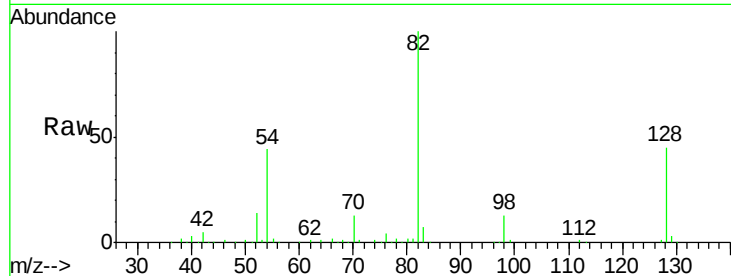
#23
 Nitrobenzene-d5
 Concen: 41.53 ng
 RT: 7.31 min Scan# 501
 Delta R.T. -0.01 min
 Lab File: BF088763.D
 Acq: 7 Jul 2016 5:17

Instrument :
 BNA_F
 ClientSampleId :
 C2.1-07

Tot Ion:	82	Resp:	277345
Ion Ratio	Lower	Upper	
82	100		
128	45.3	35.9	53.9
54	43.5	40.9	61.3

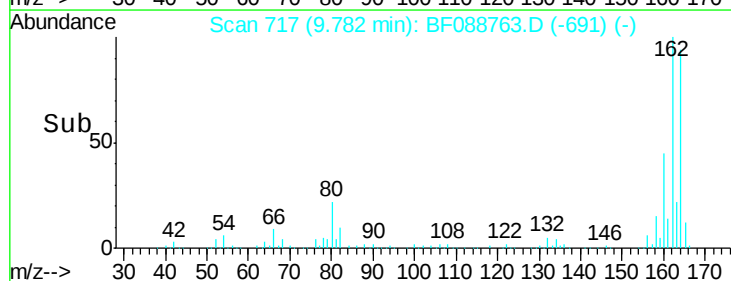
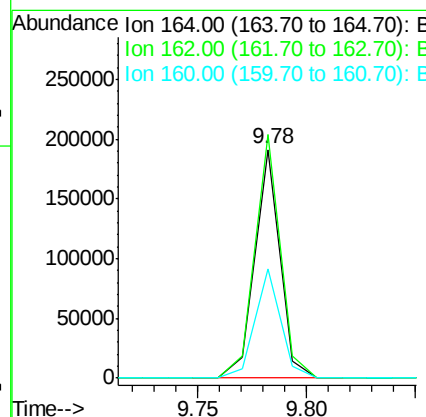
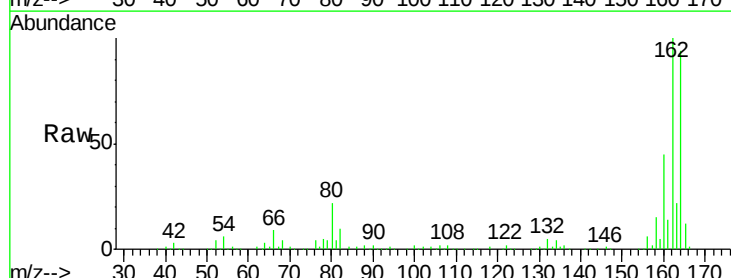
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 717
 Delta R.T. -0.00 min
 Lab File: BF088763.D
 Acq: 7 Jul 2016 5:17

Tgt Ion:	164	Resp:	152909
Ion Ratio	Lower	Upper	
164	100		
162	106.6	85.4	128.2
160	47.8	39.5	59.3





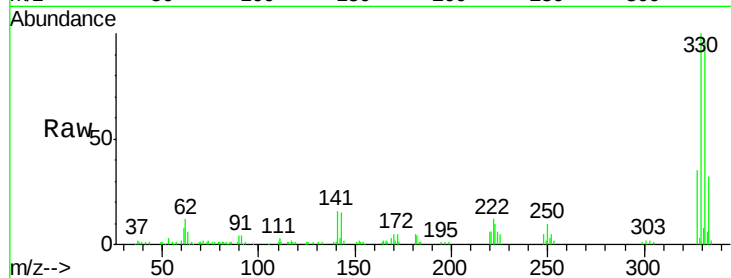
#41
 2,4,6-Tribromophenol
 Concen: 55.27 ng
 RT: 10.57 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF088763.D
 Acq: 7 Jul 2016 5:17

Instrument :
 BNA_F
 ClientSampled :
 C2.1-07

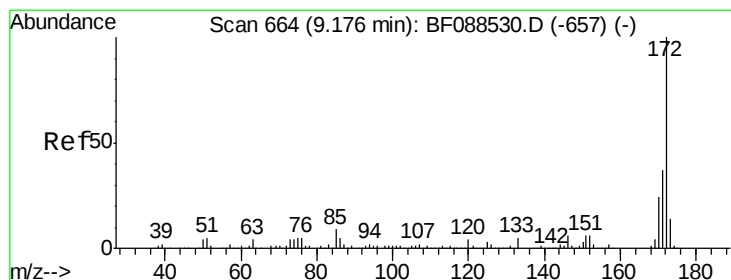
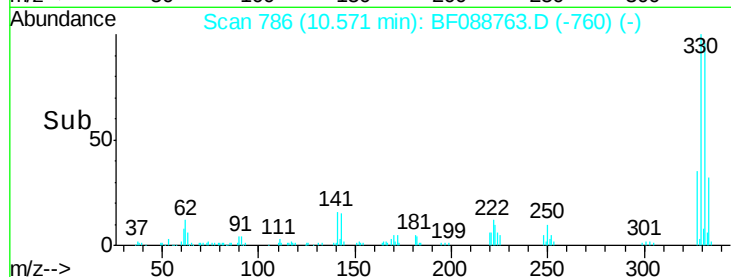
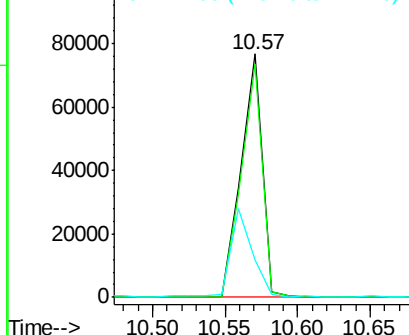
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	0.0	0.0#
141	38.7	0.0	0.0#

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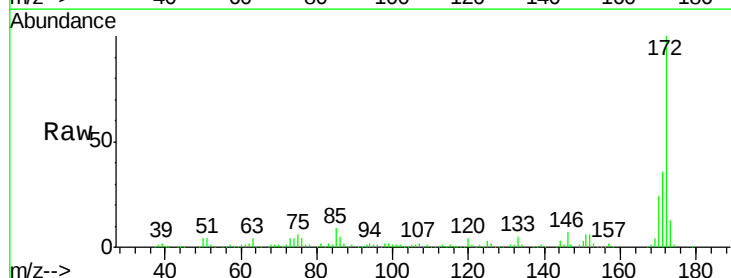


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

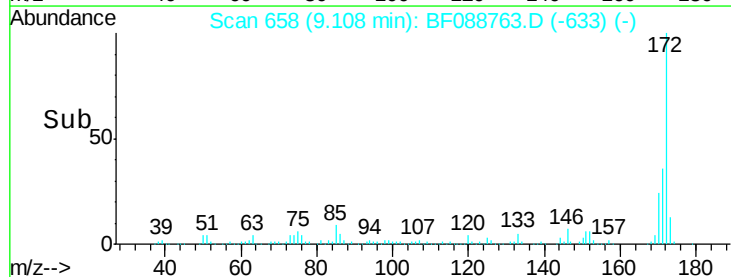
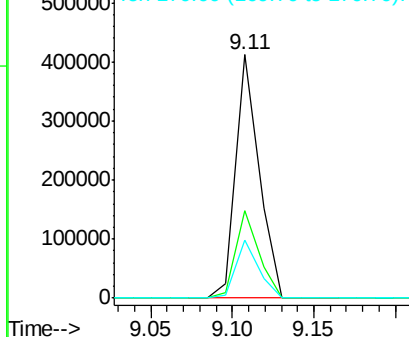


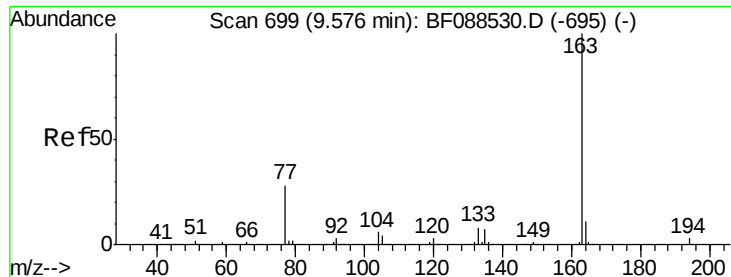
#44
 2-Fluorobiphenyl
 Concen: 41.77 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF088763.D
 Acq: 7 Jul 2016 5:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	23.6	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





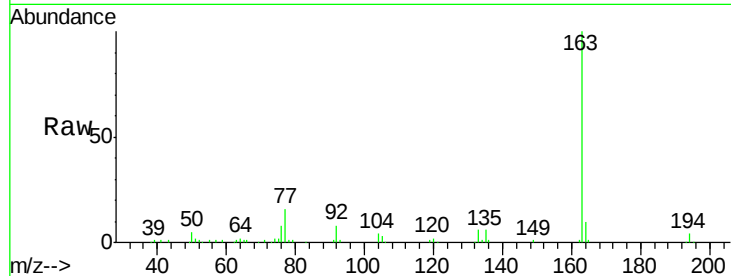
#49
Dimethylphthalate
Concen: 7.71 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF088763.D
Acq: 7 Jul 2016 5:17

Instrument :
BNA_F
ClientSampled :
C2.1-07

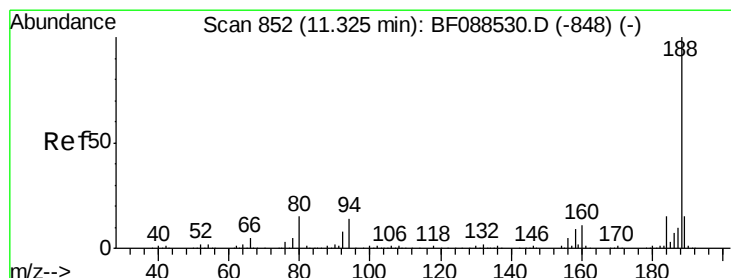
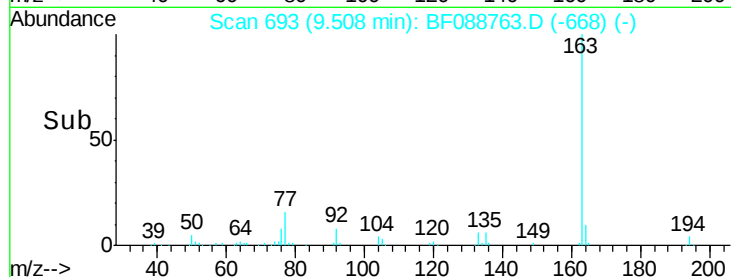
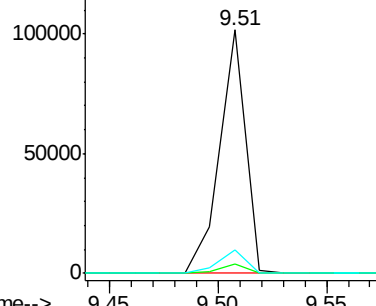
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.8	4.2
164	9.7	8.3	12.5

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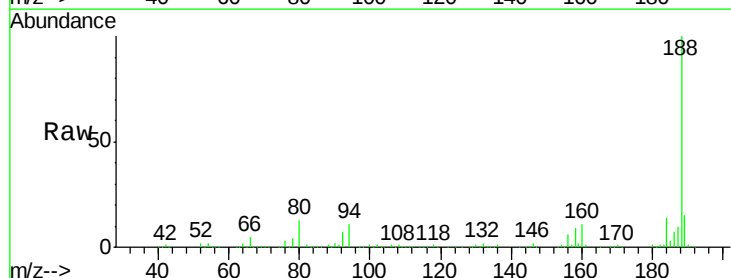


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

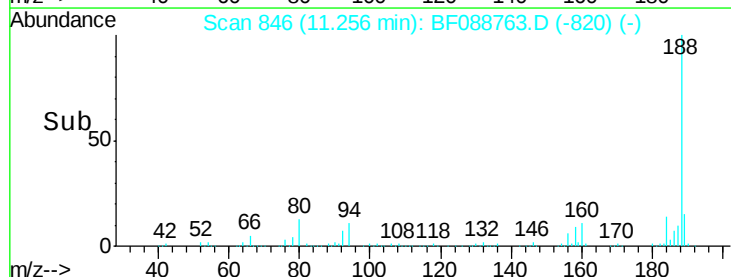
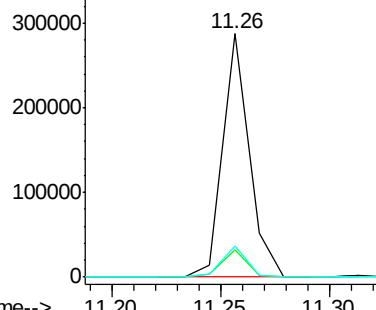


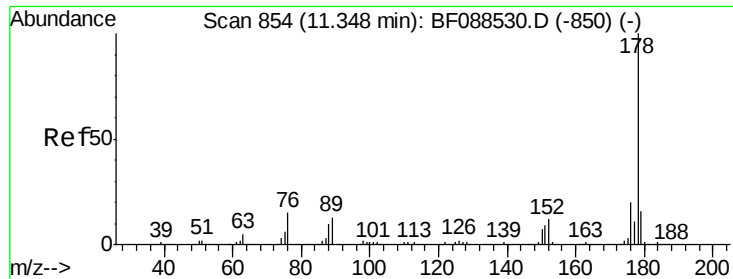
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF088763.D
Acq: 7 Jul 2016 5:17

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.5	9.0	13.6
80	13.0	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





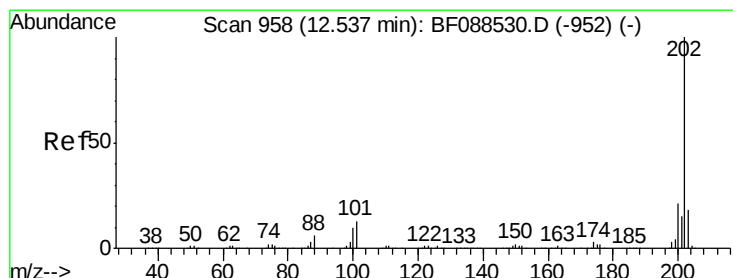
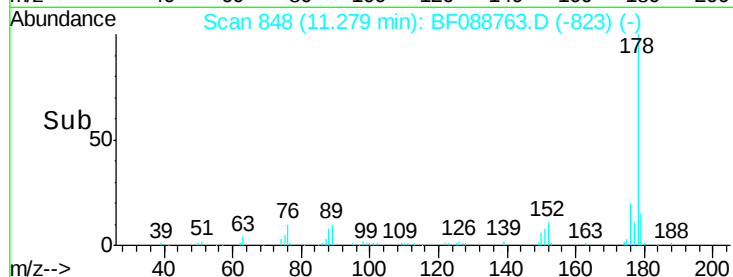
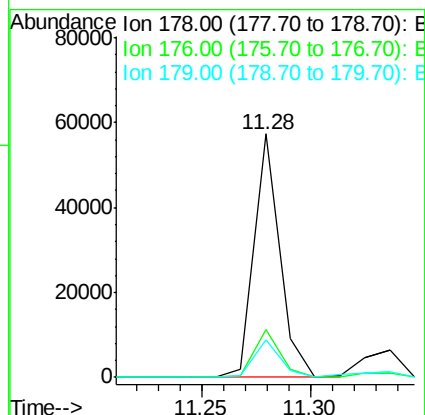
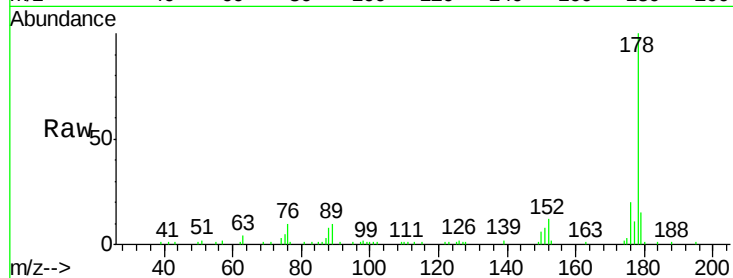
#70
Phenanthrene
Concen: 3.55 ng
RT: 11.28 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF088763.D
Acq: 7 Jul 2016 5:17

Instrument :
BNA_F
ClientSampleId :
C2.1-07

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.6
179	15.3	13.0	19.4

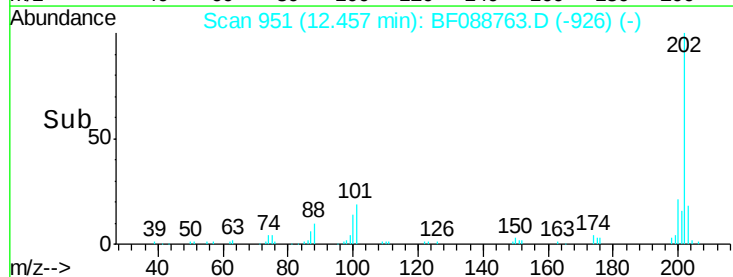
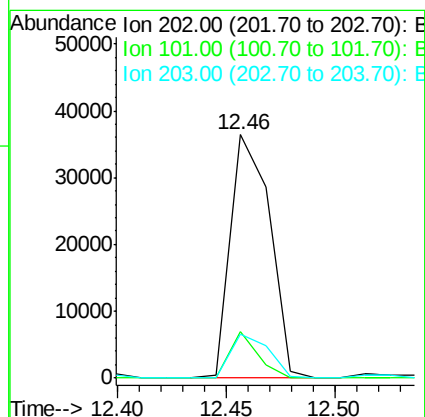
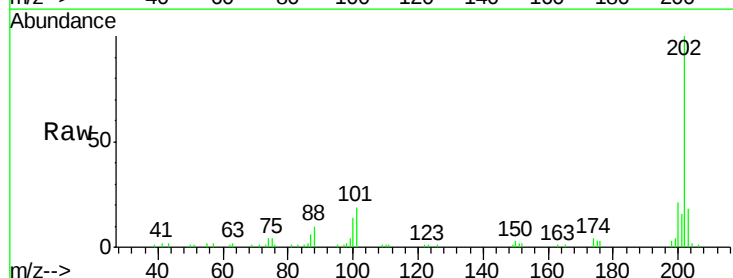
Manual Integrations

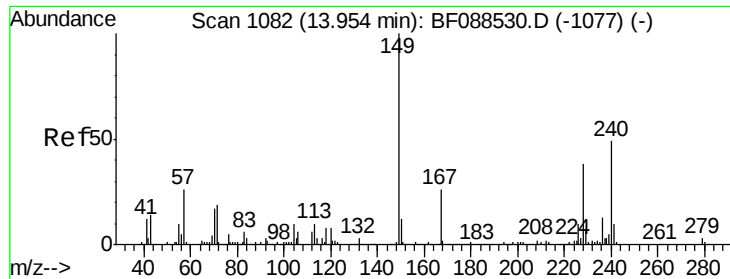
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#74
Fluoranthene
Concen: 3.39 ng
RT: 12.46 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF088763.D
Acq: 7 Jul 2016 5:17

Tgt Ion	Ratio	Lower	Upper
202	100		
101	18.9	0.0	33.1
203	17.9	0.0	38.1





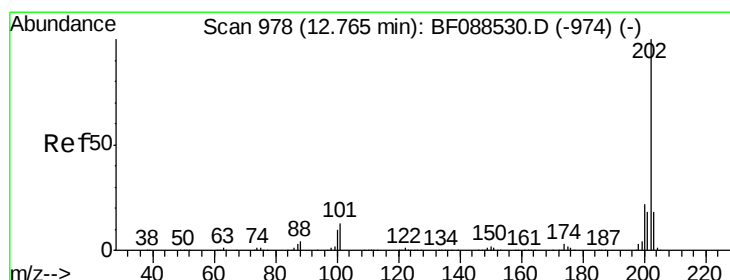
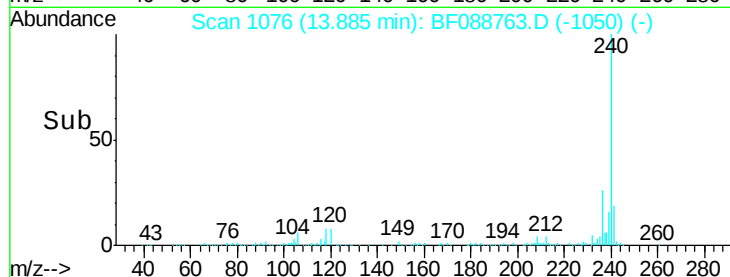
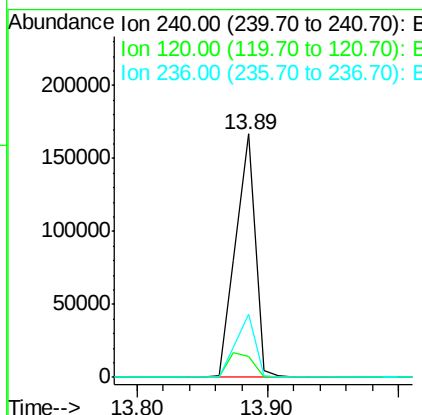
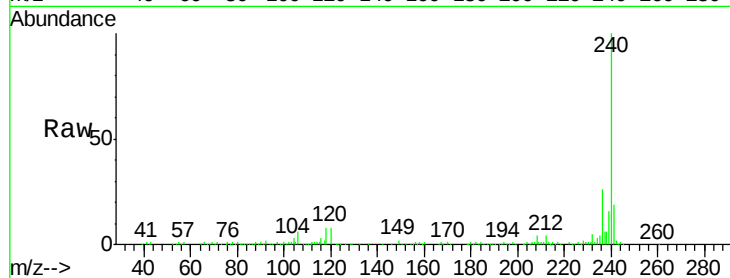
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1076
Delta R.T. -0.00 min
Lab File: BF088763.D
Acq: 7 Jul 2016 5:17

Instrument :
BNA_F
ClientSampleId :
C2.1-07

Tot Ion	Ion	Ratio	Resp	Lower	Upper
240	100		175124		
120	8.5		6.8	10.2	
236	25.7		20.2	30.2	

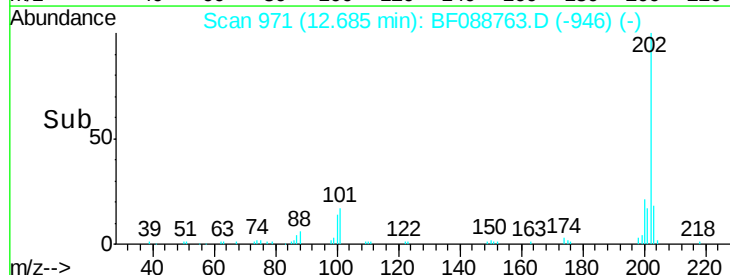
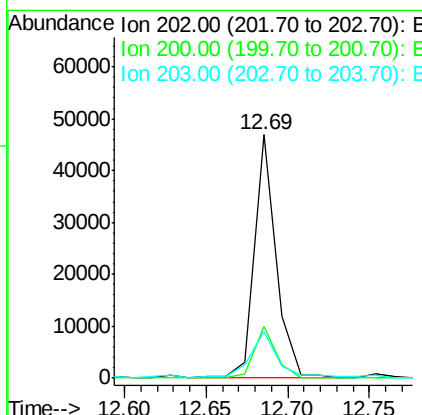
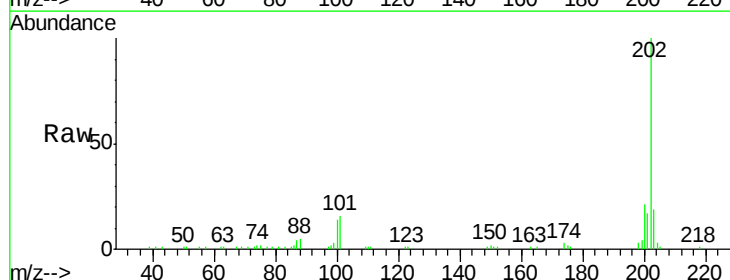
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#77
Pyrene
Concen: 2.94 ng
RT: 12.69 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF088763.D
Acq: 7 Jul 2016 5:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		43638		
200	21.0		17.4	26.2	
203	19.2		14.5	21.7	





#78

Terphenyl-d14

Concen: 39.58 ng

RT: 12.85 min Scan# 985

Delta R.T. -0.00 min

Lab File: BF088763.D

Acq: 7 Jul 2016 5:17

Instrument :

BNA_F

ClientSampleId :

C2.1-07

Tot Ion:244 Resp: 311178

Ion Ratio Lower Upper

244 100

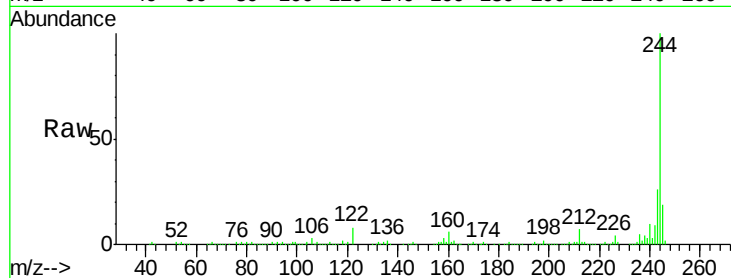
212 7.0 6.0 9.0

122 7.9 11.2 16.8#

Manual Integrations

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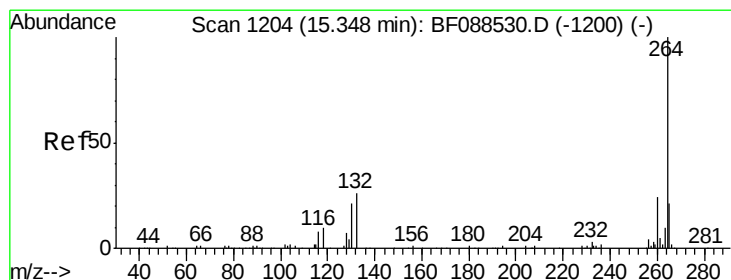
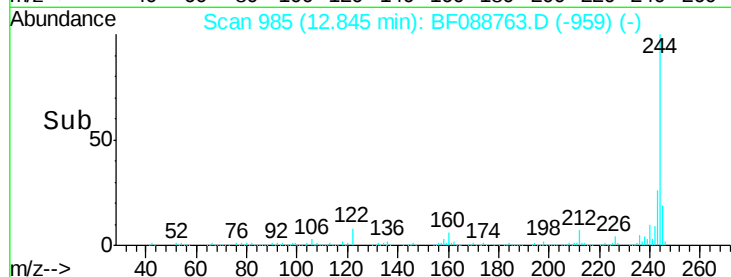
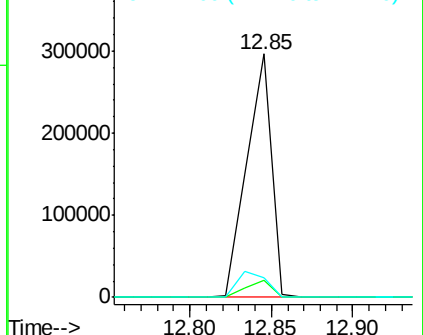
7/7/2016 6:10:29 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.27 min Scan# 1197

Delta R.T. -0.00 min

Lab File: BF088763.D

Acq: 7 Jul 2016 5:17

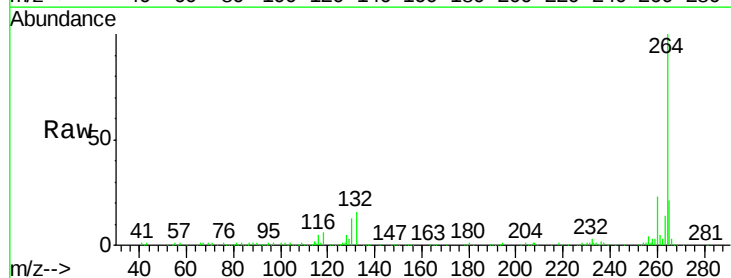
Tgt Ion:264 Resp: 167276

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

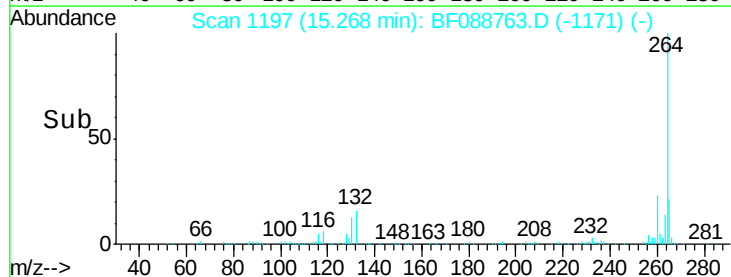
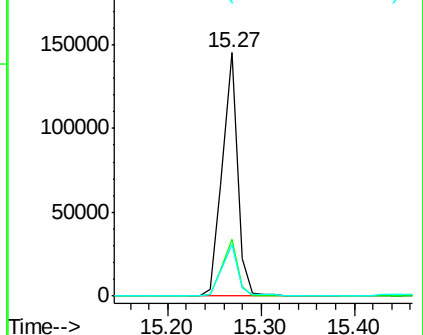
265 21.4 16.9 25.3

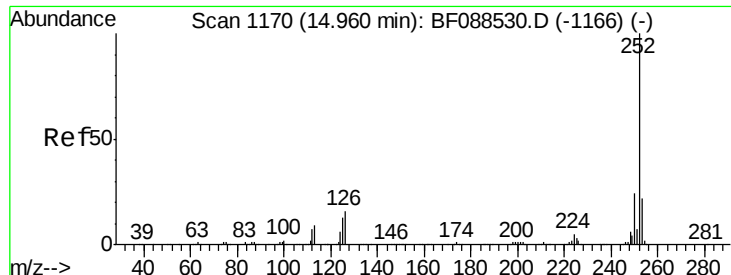


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87
 Benzo(b)fluoranthene
 Concen: 2.37 ng m
 RT: 14.88 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BF088763.D
 Acq: 7 Jul 2016 5:17

Instrument :
 BNA_F
 ClientSampleId :
 C2.1-07

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.2
125	14.5	7.1	10.7

Manual Integrations

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 7/7/2016 6:10:29 PM

