

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070616\
 Data File : BF088756.D
 Acq On : 7 Jul 2016 1:52
 Operator : UM/SJ
 Sample : H3880-20
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C2.2-03

Manual Integrations

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Quant Time: Jul 07 13:03:54 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	6.74	152	81691	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	381518	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	183729	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	344335	20.00	ng	0.00
75) Chrysene-d12	13.87	240	232877	20.00	ng	-0.01
86) Perylene-d12	15.26	264	179596	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	591155	108.45	ng	0.01
7) Phenol-d6	6.39	99	756336	107.39	ng	0.00
23) Nitrobenzene-d5	7.31	82	487228	66.92	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	175928	103.12	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	753944	64.82	ng	-0.01
78) Terphenyl-d14	12.85	244	811164	77.58	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.51	163	120858	9.23	ng	97
74) Fluoranthene	12.46	202	58131	3.05	ng	99
77) Pyrene	12.69	202	57667	2.92	ng	97
87) Benzo(b)fluoranthene	14.87	252	49990m	4.44	ng	

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

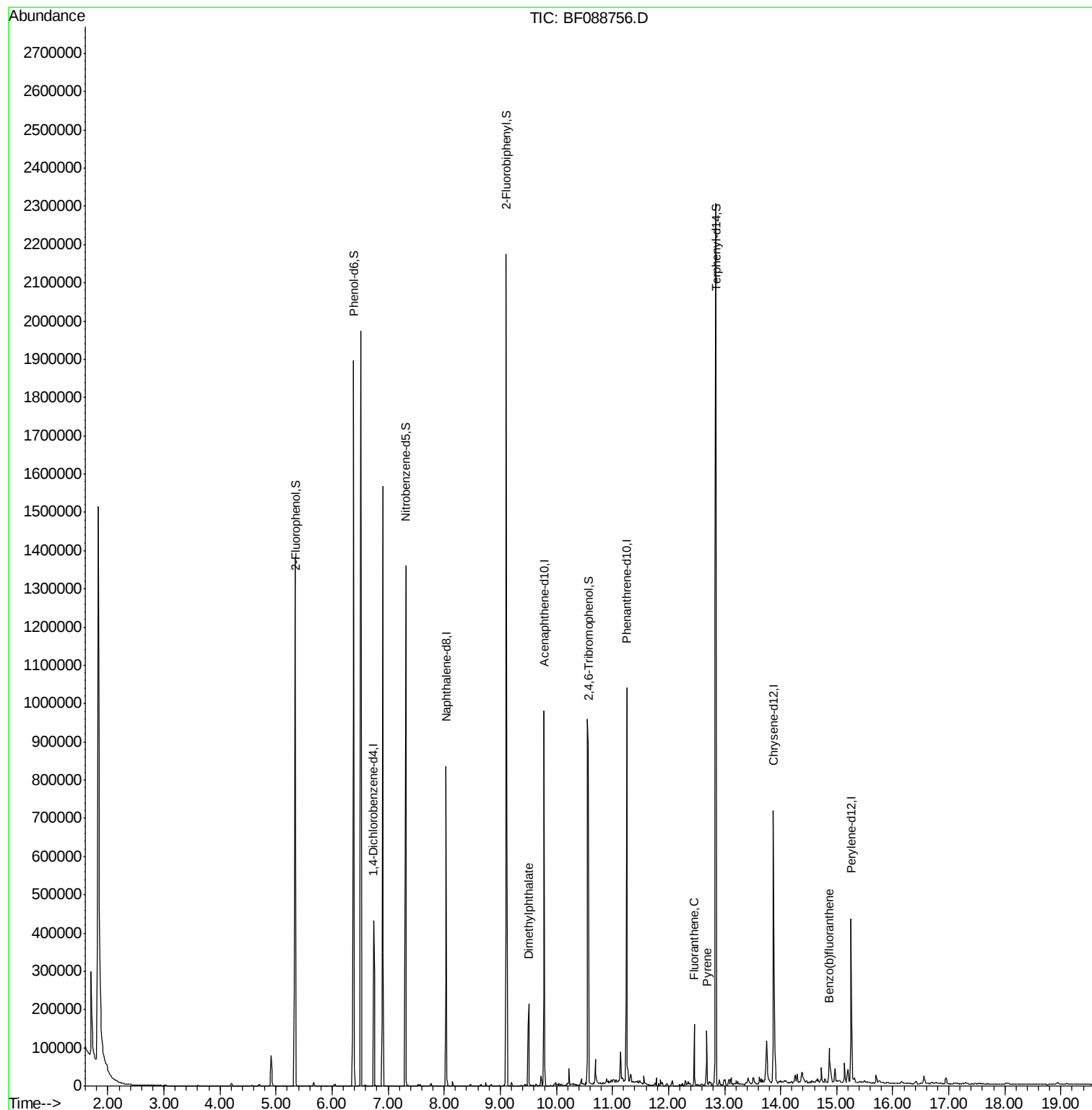
Data Path : Z:\HPCHEM1\BNA F\DATA\BF070616\
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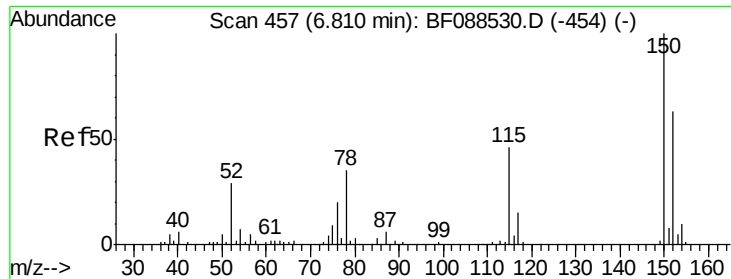
Instrument :
BNA_F
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C2.2-03

Manual Integrations

Quant Time: Jul 07 13:03:54 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
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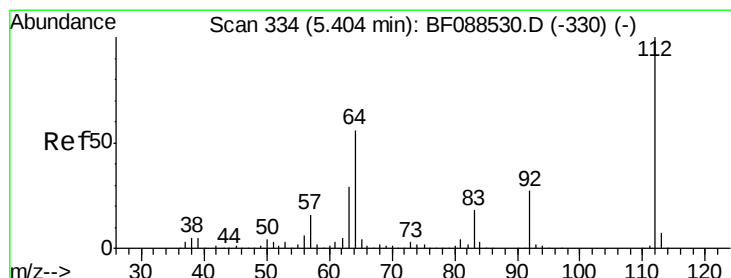
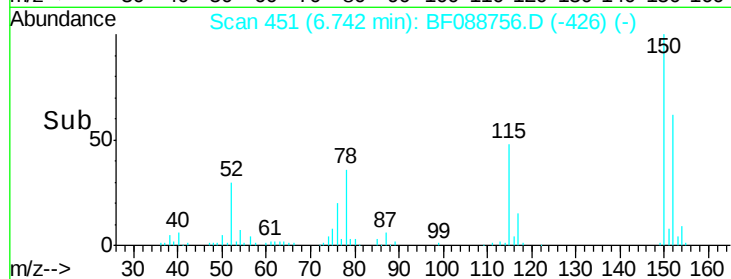
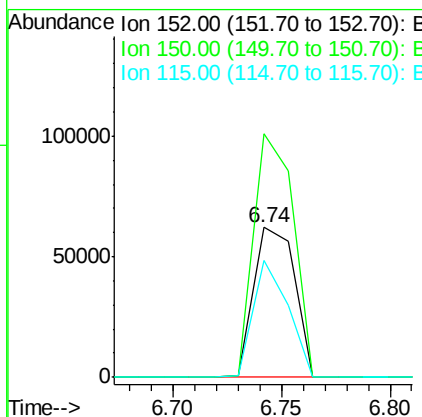
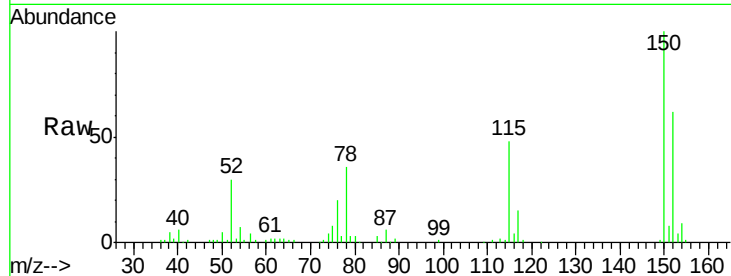
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.74 min Scan# 451
 Delta R.T. -0.01 min
 Lab File: BF088756.D
 Acq: 7 Jul 2016 1:52

Instrument :
 BNA_F
 ClientSampleId :
 C2.2-03

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.2	123.8	185.6
115	77.9	39.6	59.4

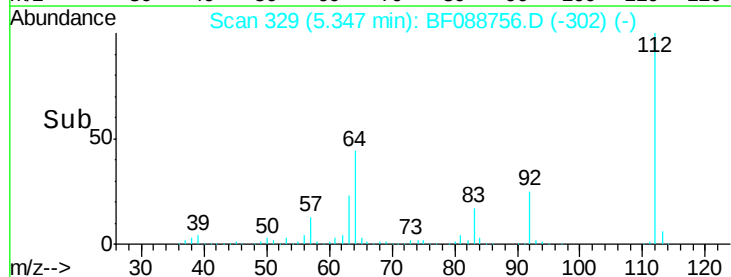
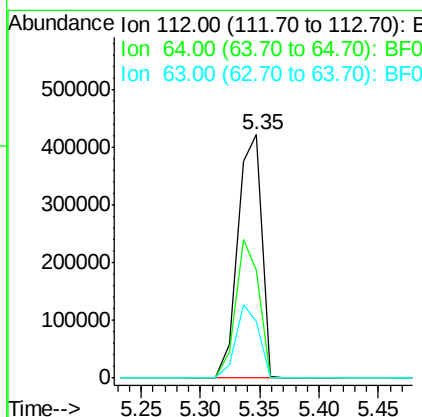
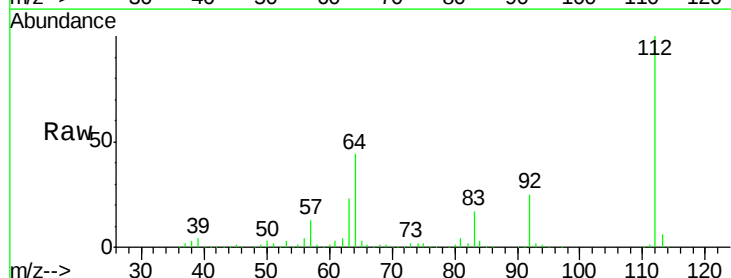
Manual Integrations

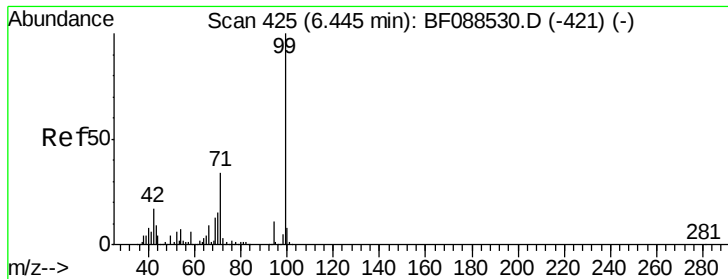
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#5
 2-Fluorophenol
 Concen: 108.45 ng
 RT: 5.35 min Scan# 329
 Delta R.T. 0.01 min
 Lab File: BF088756.D
 Acq: 7 Jul 2016 1:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.3	42.2	63.2
63	23.3	21.8	32.8





#7

Phenol-d6

Concen: 107.39 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF088756.D

Acq: 7 Jul 2016 1:52

Instrument :

BNA_F

ClientSampleId :

C2.2-03

Tot Ion: 99 Resp: 756336

Ion Ratio Lower Upper

99 100

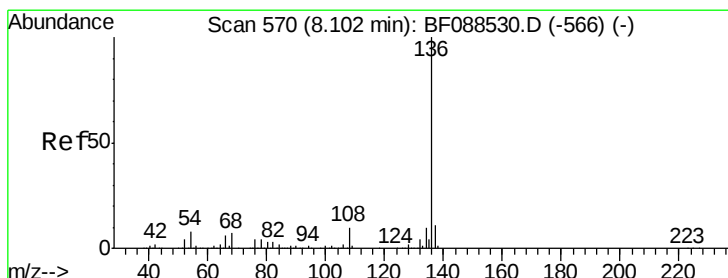
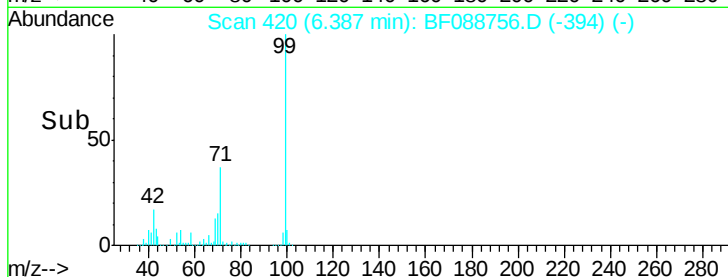
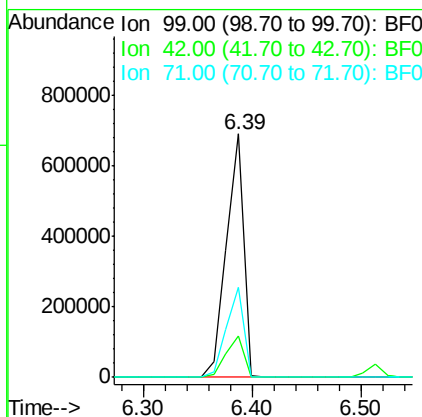
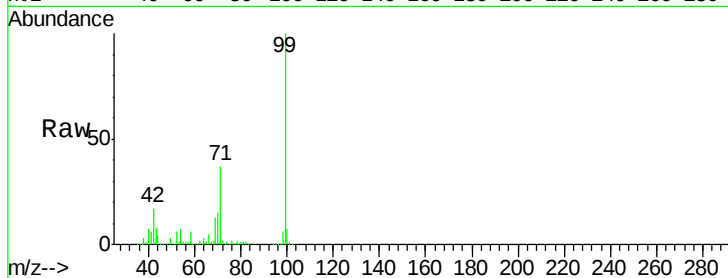
42 16.7 12.2 18.2

71 37.1 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: BF088756.D

Acq: 7 Jul 2016 1:52

Tgt Ion: 136 Resp: 381518

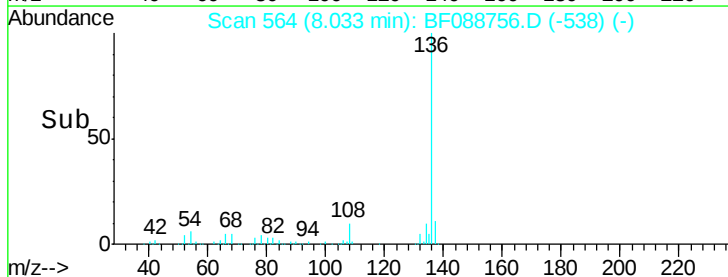
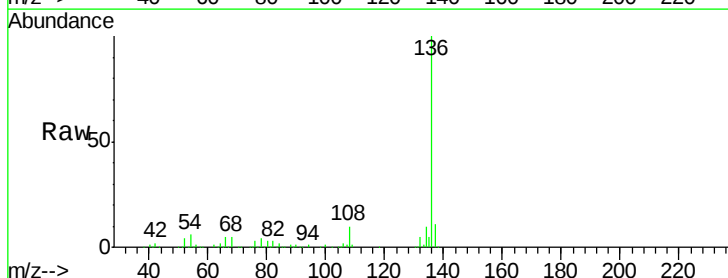
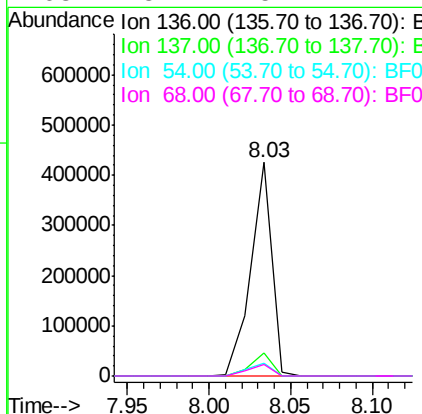
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 6.2 6.6 10.0#

68 5.2 5.1 7.7





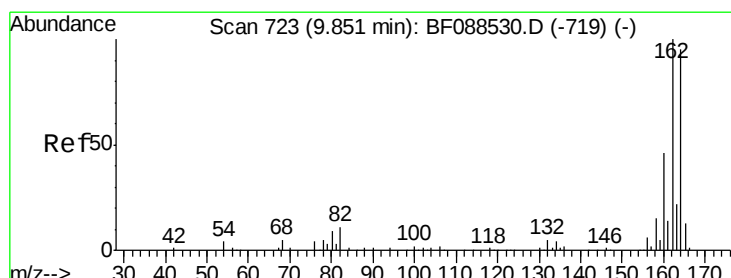
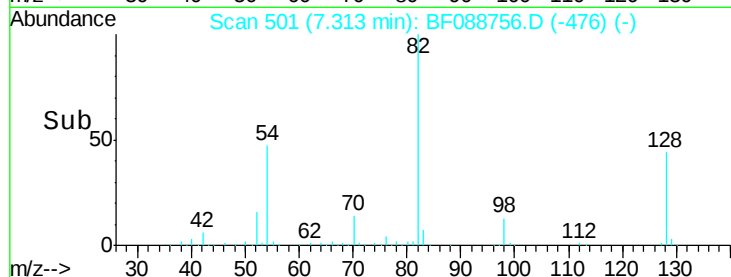
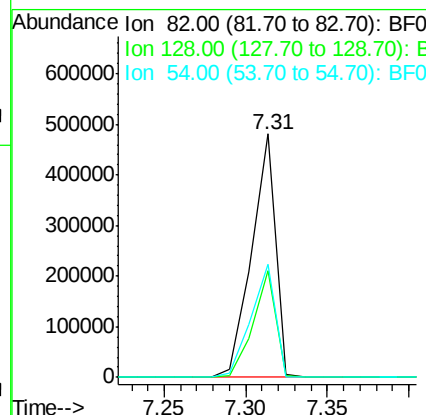
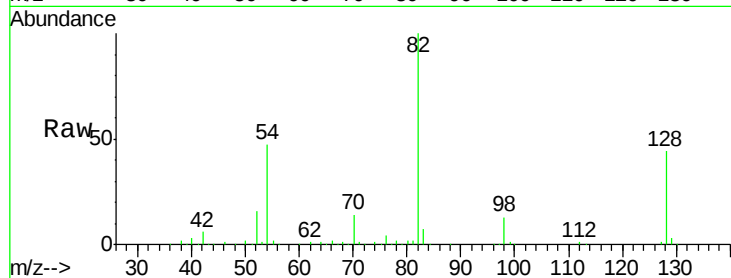
#23
 Nitrobenzene-d5
 Concen: 66.92 ng
 RT: 7.31 min Scan# 501
 Delta R.T. -0.01 min
 Lab File: BF088756.D
 Acq: 7 Jul 2016 1:52

Instrument :
 BNA_F
 ClientSampleId :
 C2.2-03

Tot Ion:	82	Resp:	487228
Ion Ratio	Lower	Upper	
82	100		
128	43.6	35.9	53.9
54	46.6	40.9	61.3

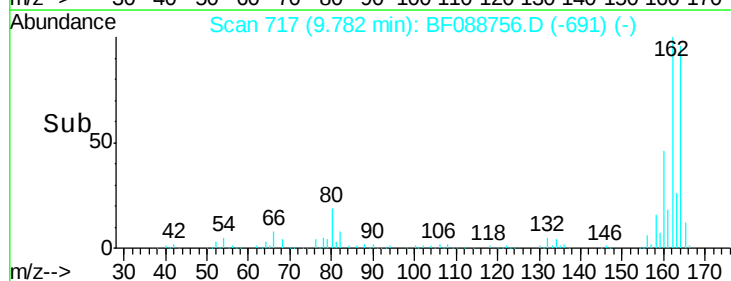
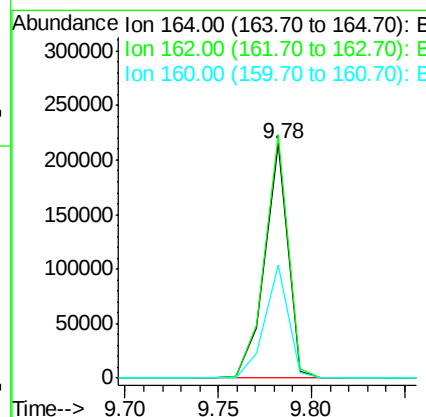
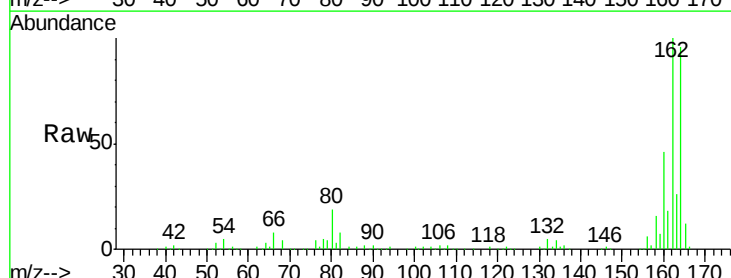
Manual Integrations

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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: BF088756.D
 Acq: 7 Jul 2016 1:52

Tgt Ion:	164	Resp:	183729
Ion Ratio	Lower	Upper	
164	100		
162	104.0	85.4	128.2
160	48.0	39.5	59.3





#41

2,4,6-Tribromophenol

Concen: 103.12 ng

RT: 10.57 min Scan# 786

Delta R.T. 0.00 min

Lab File: BF088756.D

Acq: 7 Jul 2016 1:52

Instrument :

BNA_F

ClientSampleId :

C2.2-03

Tot Ion:330 Resp: 175928
Ion Ratio Lower Upper

330 100

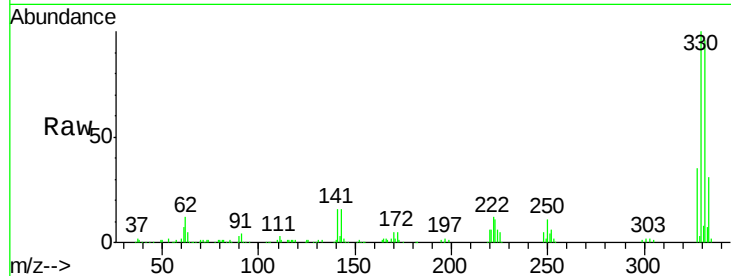
332 95.1 0.0 0.0#

141 33.4 0.0 0.0#

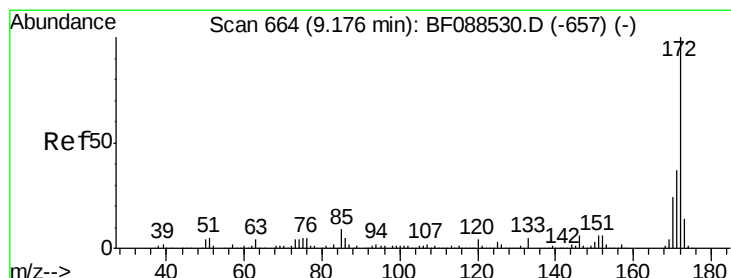
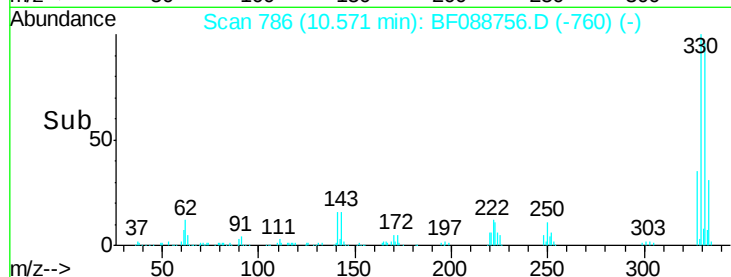
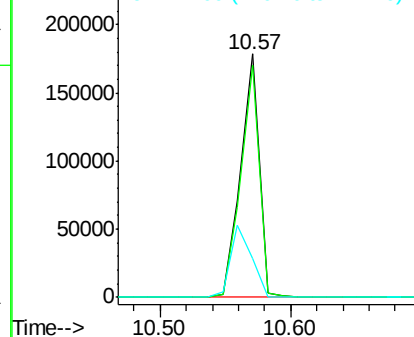
Manual Integrations

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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: 64.82 ng

RT: 9.11 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF088756.D

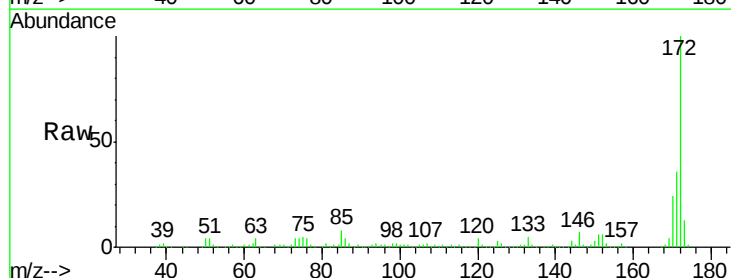
Acq: 7 Jul 2016 1:52

Tgt Ion:172 Resp: 753944
Ion Ratio Lower Upper

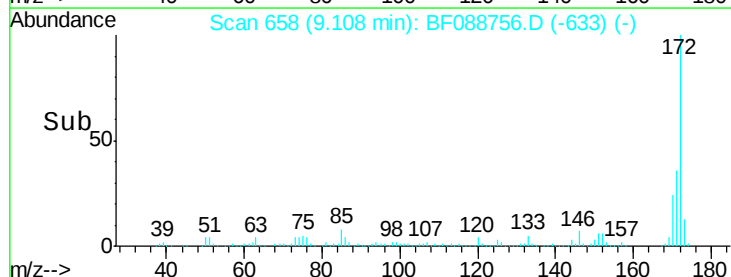
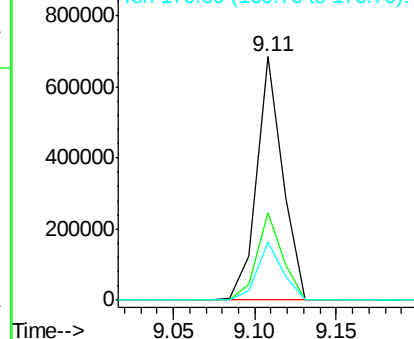
172 100

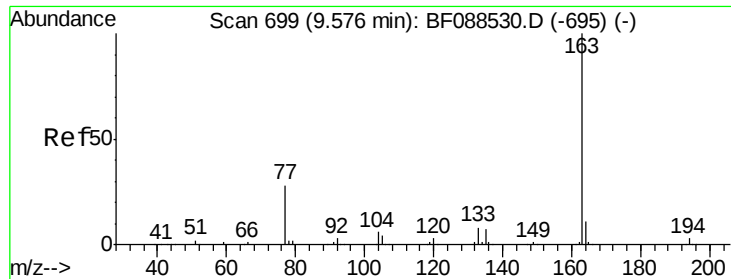
171 36.0 28.6 43.0

170 24.0 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





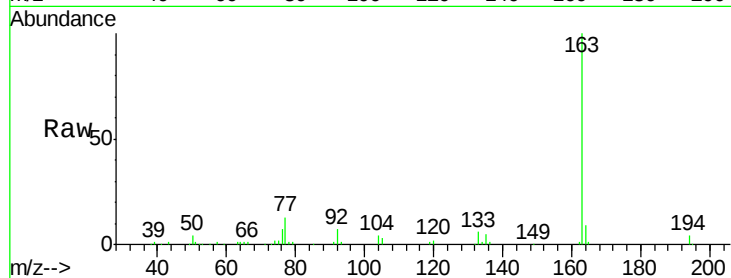
#49
Dimethylphthalate
Concen: 9.23 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF088756.D
Acq: 7 Jul 2016 1:52

Instrument :
BNA_F
ClientSampleId :
C2.2-03

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.8	4.2
164	9.2	8.3	12.5

Manual Integrations

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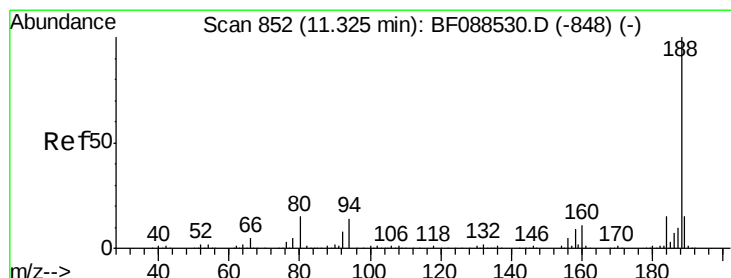
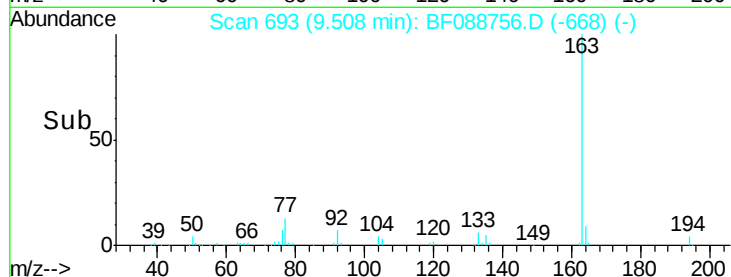
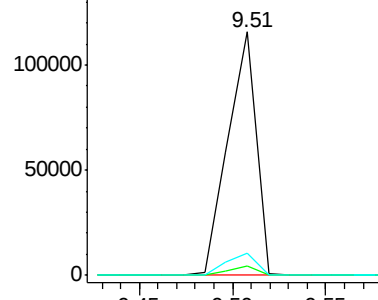


Abundance

Ion 163.00 (162.70 to 163.70): E

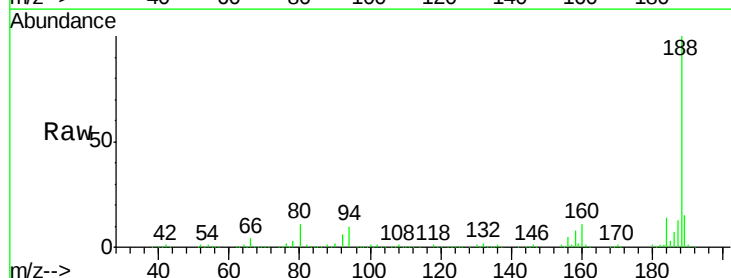
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF088756.D
Acq: 7 Jul 2016 1:52

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	9.0	13.6
80	10.6	10.0	15.0

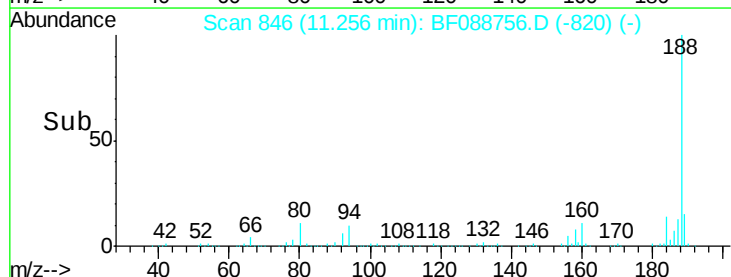
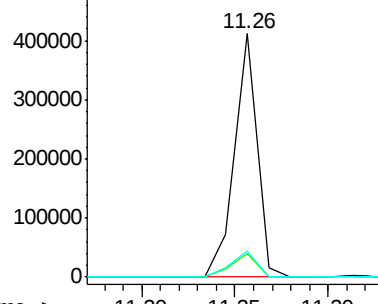


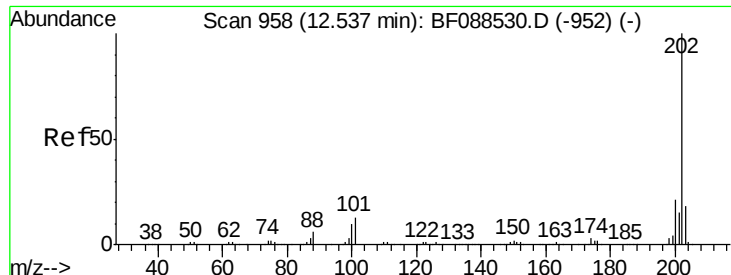
Abundance

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





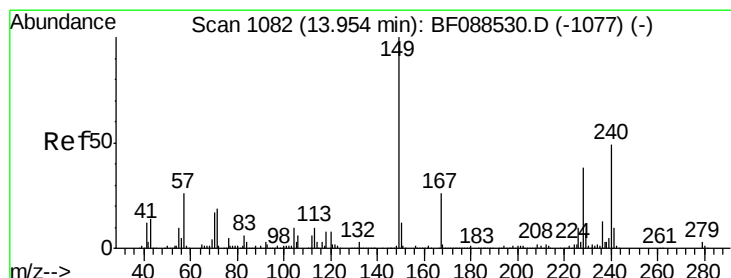
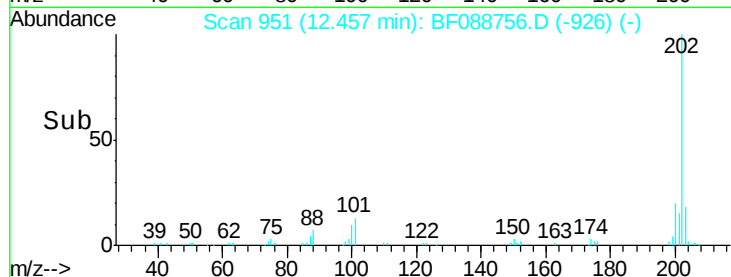
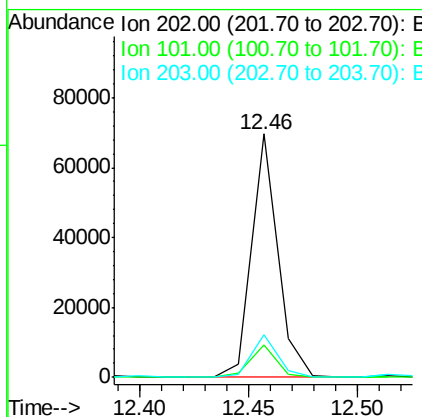
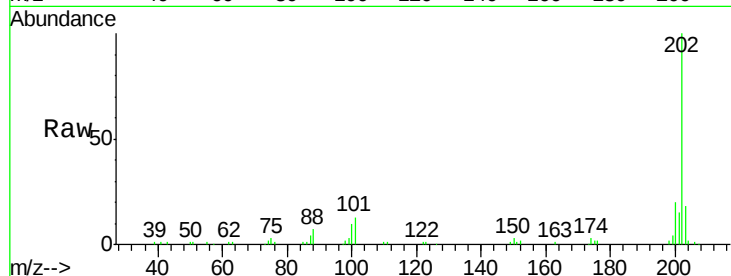
#74
 Fluoranthene
 Concen: 3.05 ng
 RT: 12.46 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF088756.D
 Acq: 7 Jul 2016 1:52

Instrument :
 BNA_F
 ClientSampleId :
 C2.2-03

Tot Ion:	202	Resp:	58131
Ion Ratio	Lower	Upper	
202	100		
101	13.4	0.0	33.1
203	17.6	0.0	38.1

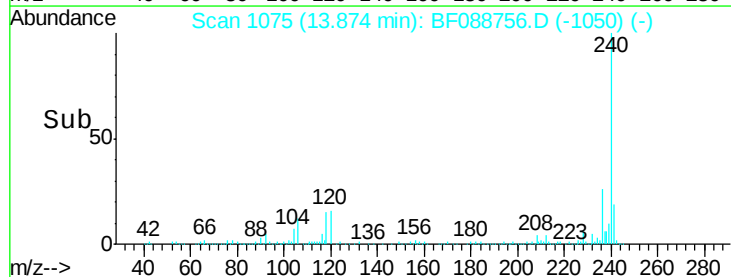
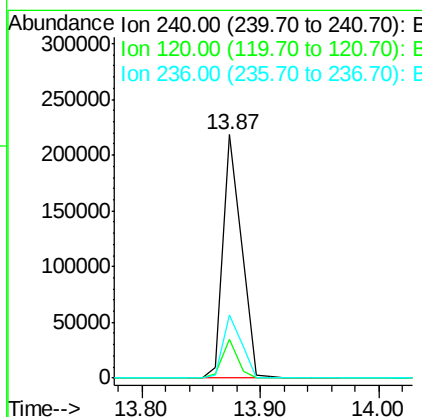
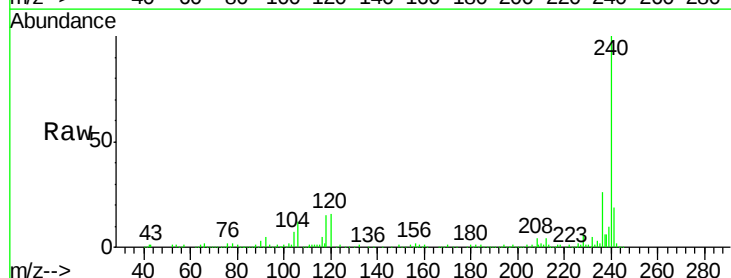
Manual Integrations

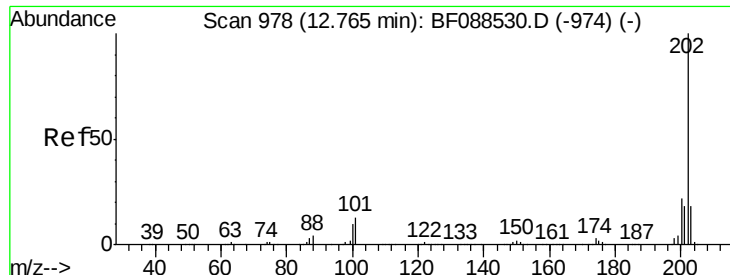
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.87 min Scan# 1075
 Delta R.T. -0.01 min
 Lab File: BF088756.D
 Acq: 7 Jul 2016 1:52

Tgt Ion:	240	Resp:	232877
Ion Ratio	Lower	Upper	
240	100		
120	16.0	6.8	10.2#
236	26.1	20.2	30.2





#77

Pvrene

Concen: 2.92 ng

RT: 12.69 min Scan# 971

Delta R.T. -0.01 min

Lab File: BF088756.D

Acq: 7 Jul 2016 1:52

Instrument :

BNA_F

ClientSampleId :

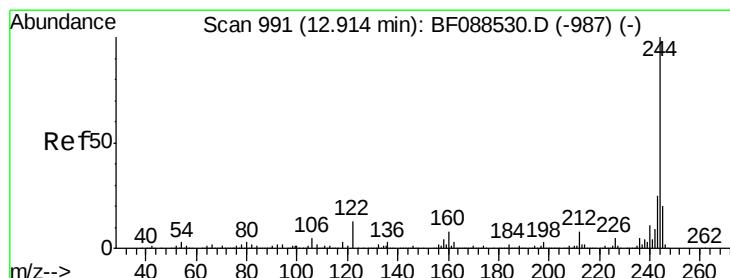
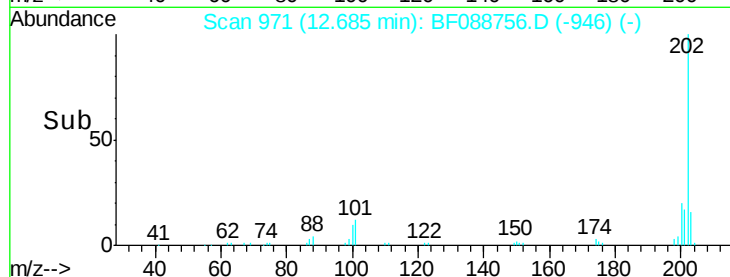
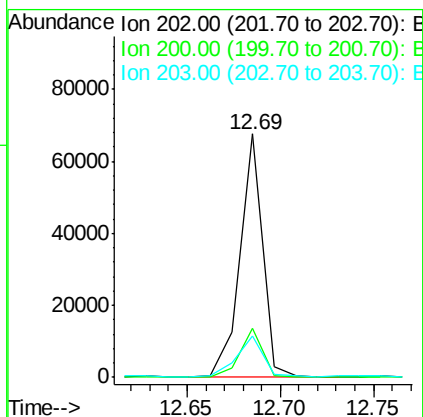
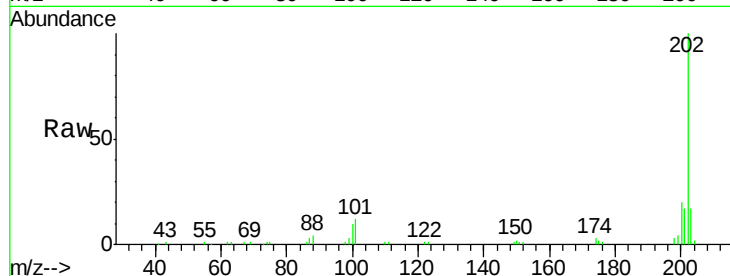
C2.2-03

Tot Ion:	202	Resp:	57667
Ion Ratio	Lower	Upper	
202	100		
200	20.2	17.4	26.2
203	16.9	14.5	21.7

Manual Integrations

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#78

Terphenyl-d14

Concen: 77.58 ng

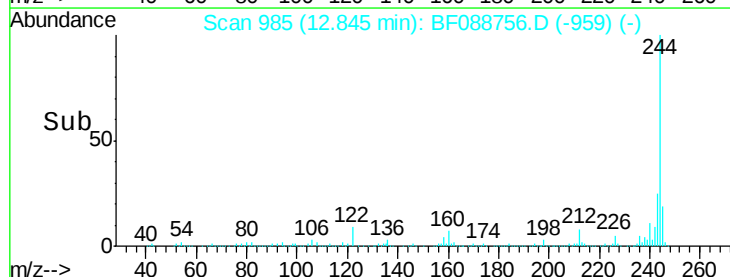
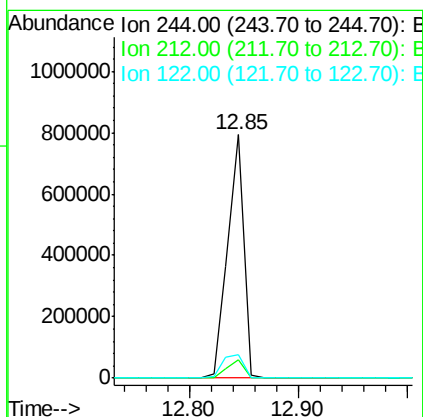
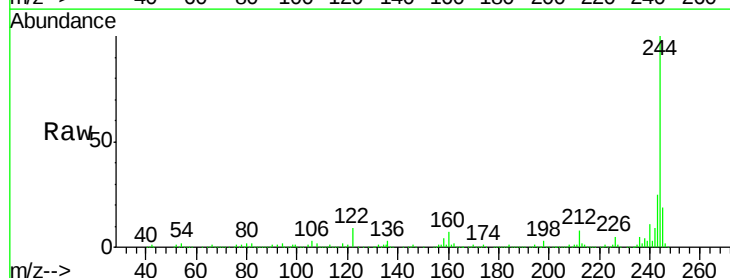
RT: 12.85 min Scan# 985

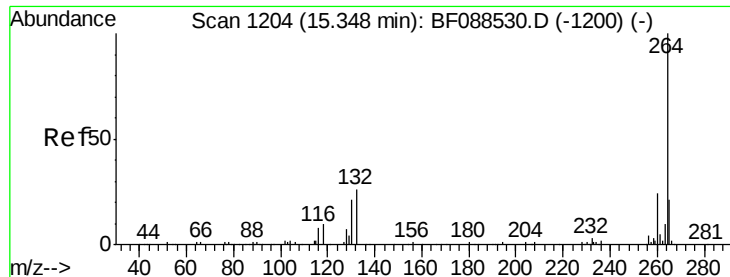
Delta R.T. 0.00 min

Lab File: BF088756.D

Acq: 7 Jul 2016 1:52

Tgt Ion:	244	Resp:	811164
Ion Ratio	Lower	Upper	
244	100		
212	7.5	6.0	9.0
122	9.4	11.2	16.8#





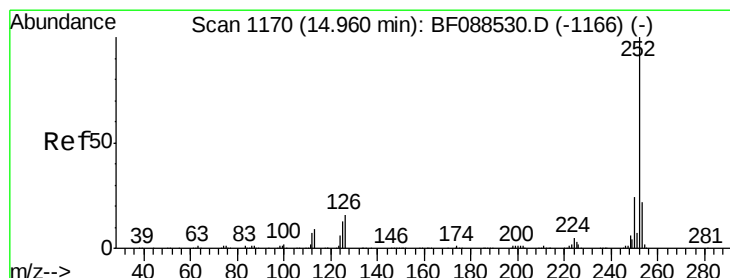
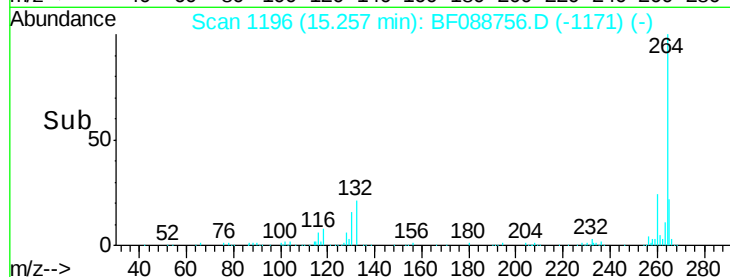
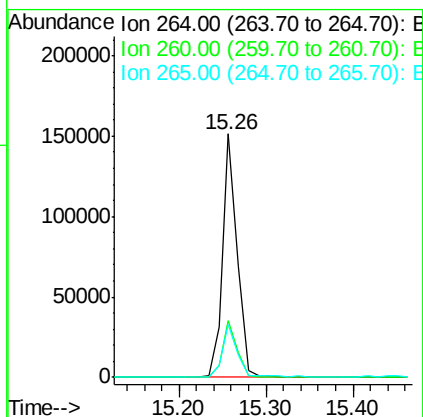
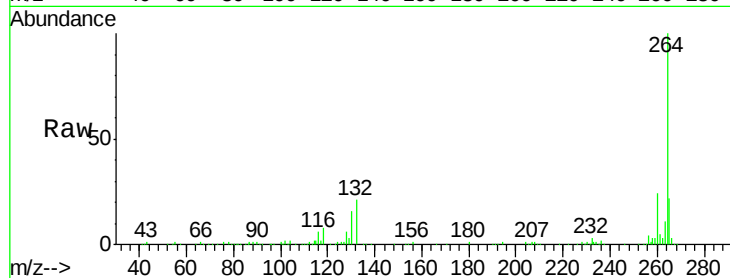
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.26 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF088756.D
Acq: 7 Jul 2016 1:52

Instrument :
BNA_F
ClientSampleId :
C2.2-03

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.8	16.9	25.3

Manual Integrations

umangi
7/7/2016 6:07:48 PM



#87
Benzo(b)fluoranthene
Concen: 4.44 ng m
RT: 14.87 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BF088756.D
Acq: 7 Jul 2016 1:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	13.3	7.1	10.7#

