

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
 Data File : BF088681.D
 Acq On : 4 Jul 2016 8:15
 Operator : UM/SJ
 Sample : H3849-01
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 F11-B2(0-11)C

Manual Integrations

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Quant Time: Jul 04 08:55:12 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	103431	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	383939	20.00	ng	-0.03
38) Acenaphthene-d10	9.82	164	154932	20.00	ng	-0.03
63) Phenanthrene-d10	11.29	188	235844	20.00	ng	-0.03
75) Chrysene-d12	13.92	240	210285	20.00	ng	-0.03
86) Perylene-d12	15.31	264	169600	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	694230	100.59	ng	-0.02
7) Phenol-d6	6.42	99	839262	94.11	ng	-0.02
23) Nitrobenzene-d5	7.35	82	519859	70.96	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	140268	97.50	ng	-0.03
44) 2-Fluorobiphenyl	9.14	172	729812	74.41	ng	-0.03
78) Terphenyl-d14	12.88	244	514921	54.54	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	9.54	163	68660	6.22	ng	98
74) Fluoranthene	12.50	202	49273	3.77	ng	94
77) Pyrene	12.72	202	50265	2.82	ng	97
87) Benzo(b)fluoranthene	14.93	252	29852m	2.81	ng	
89) Benzo(a)pyrene	15.26	252	20122	2.23	ng	# 77

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

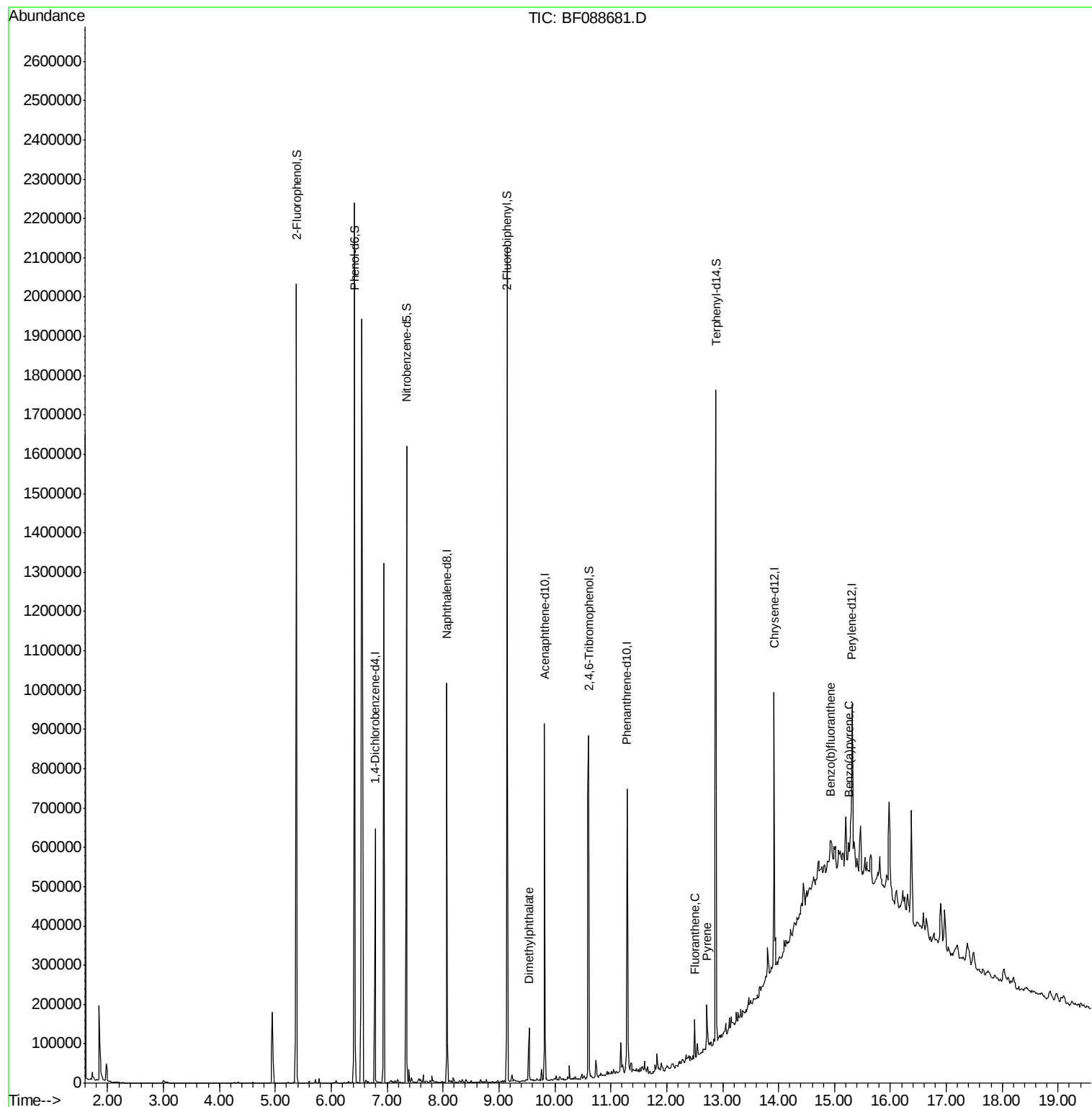
Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
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Response via : Initial Calibration

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.02 min

Lab File: BF088681.D

Acq: 4 Jul 2016 8:15

Instrument :

BNA_F

ClientSampleId :

F11-B2(0-11)C

Tot Ion:152 Resp: 103431

Ion Ratio Lower Upper

152 100

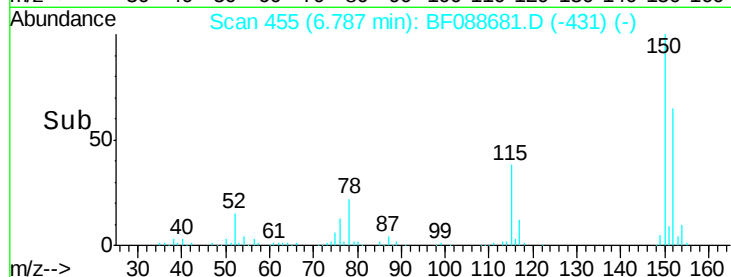
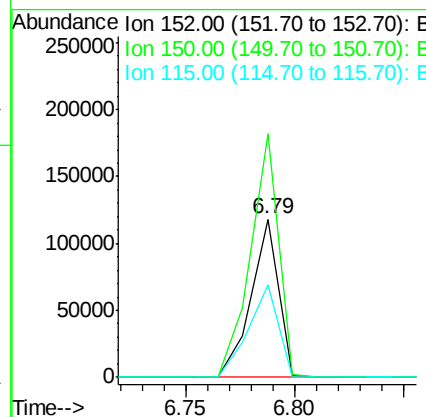
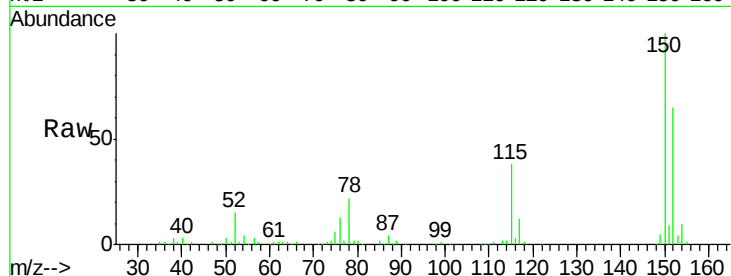
150 154.0 123.8 185.6

115 58.5 39.6 59.4

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#5

2-Fluorophenol

Concen: 100.59 ng

RT: 5.38 min Scan# 332

Delta R.T. -0.02 min

Lab File: BF088681.D

Acq: 4 Jul 2016 8:15

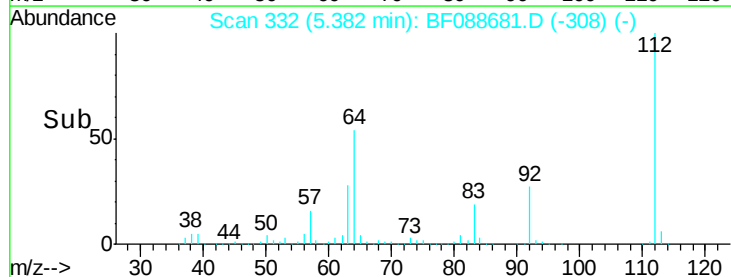
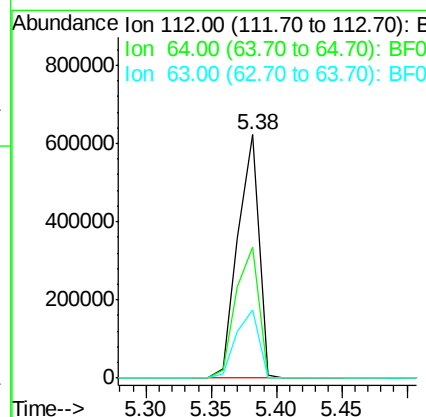
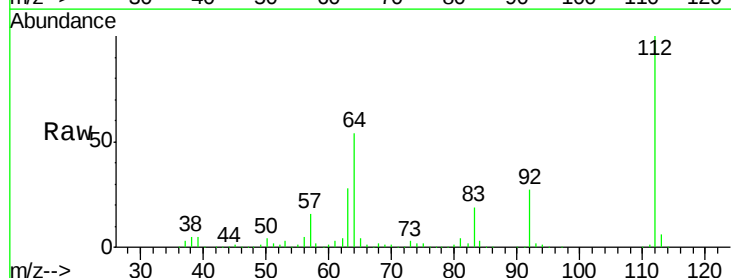
Tgt Ion:112 Resp: 694230

Ion Ratio Lower Upper

112 100

64 53.9 42.2 63.2

63 28.0 21.8 32.8





#7

Phenol-d6

Concen: 94.11 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF088681.D

Acq: 4 Jul 2016 8:15

Instrument :

BNA_F

ClientSampleId :

F11-B2(0-11)C

Tot Ion: 99 Resp: 839262

Ion Ratio Lower Upper

99 100

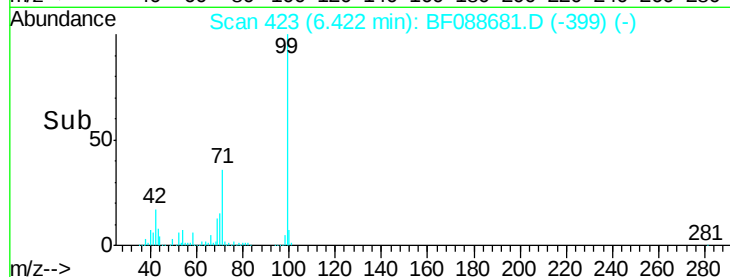
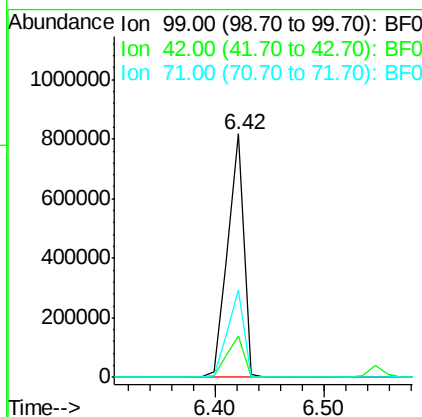
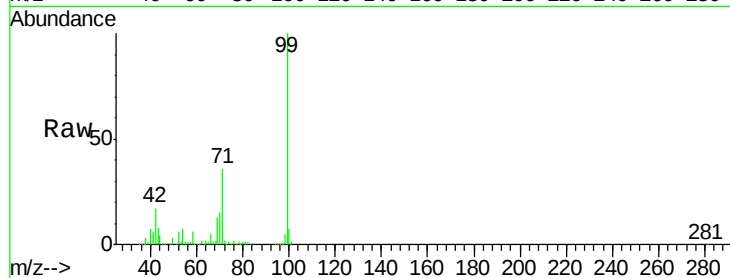
42 17.1 12.2 18.2

71 35.8 23.4 35.0#

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.07 min Scan# 567

Delta R.T. -0.03 min

Lab File: BF088681.D

Acq: 4 Jul 2016 8:15

Tgt Ion: 136 Resp: 383939

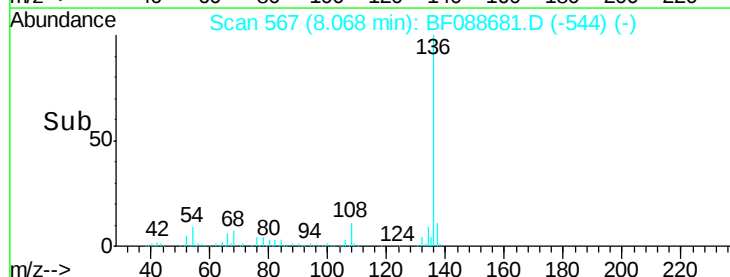
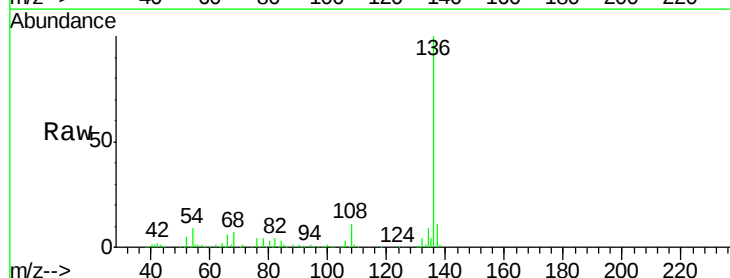
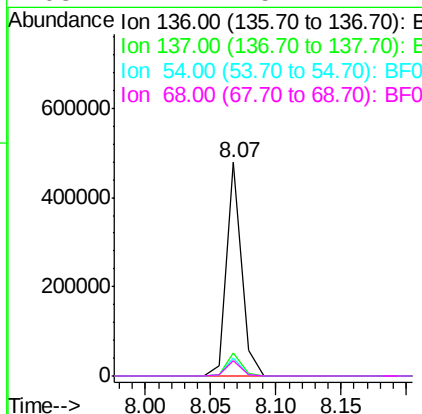
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 8.5 6.6 10.0

68 7.4 5.1 7.7





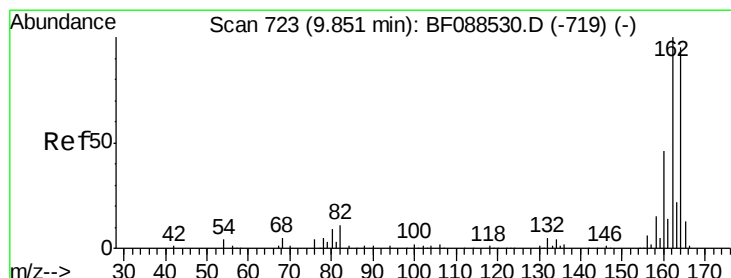
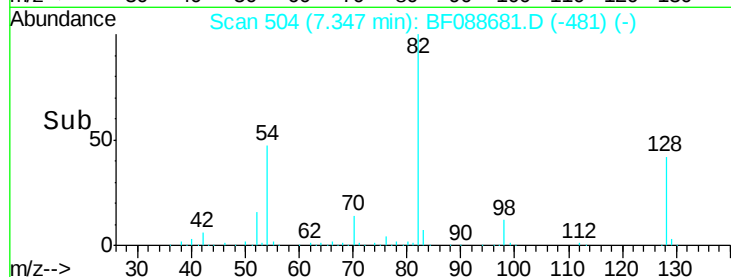
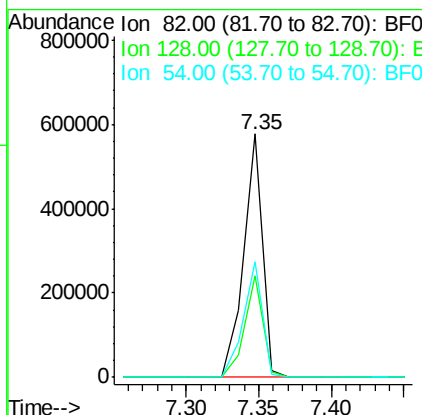
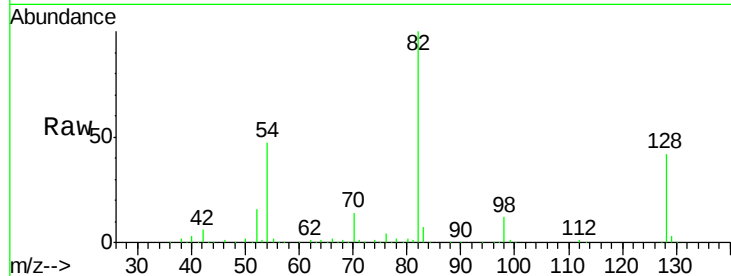
#23
 Nitrobenzene-d5
 Concen: 70.96 ng
 RT: 7.35 min Scan# 504
 Delta R.T. -0.03 min
 Lab File: BF088681.D
 Acq: 4 Jul 2016 8:15

Instrument :
 BNA_F
 ClientSampleId :
 F11-B2(0-11)C

Tot Ion:	82	Resp:	519859
Ion Ratio	Lower	Upper	
82	100		
128	41.6	35.9	53.9
54	47.4	40.9	61.3

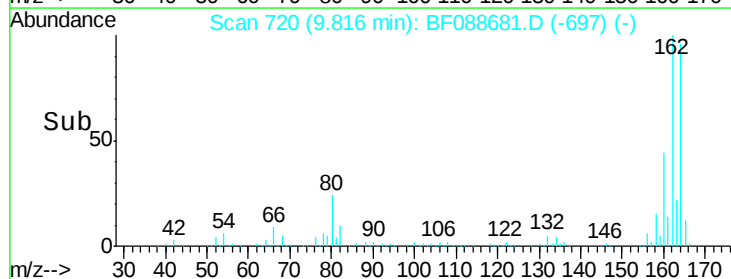
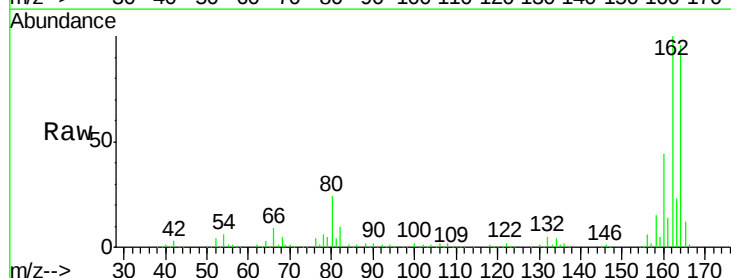
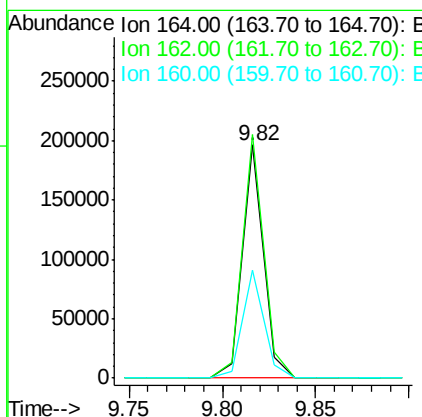
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 720
 Delta R.T. -0.03 min
 Lab File: BF088681.D
 Acq: 4 Jul 2016 8:15

Tgt Ion:	164	Resp:	154932
Ion Ratio	Lower	Upper	
164	100		
162	104.4	85.4	128.2
160	46.1	39.5	59.3





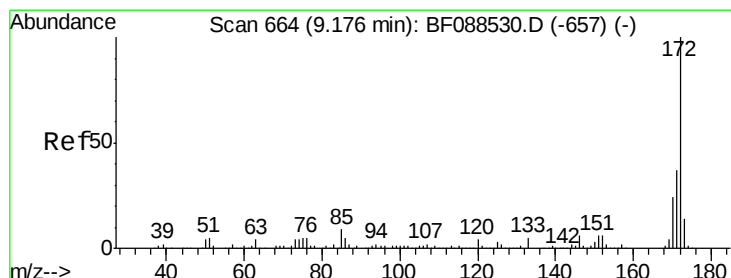
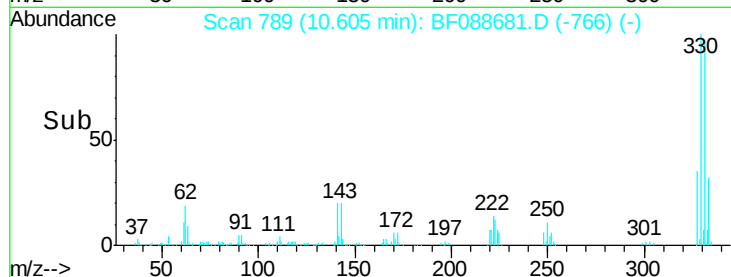
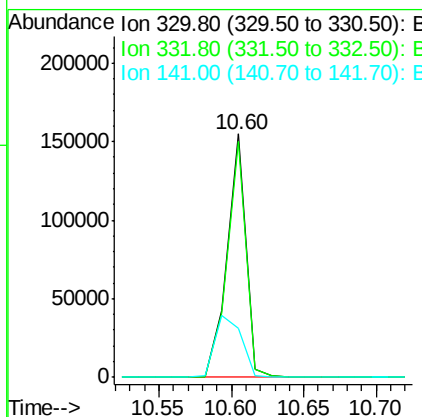
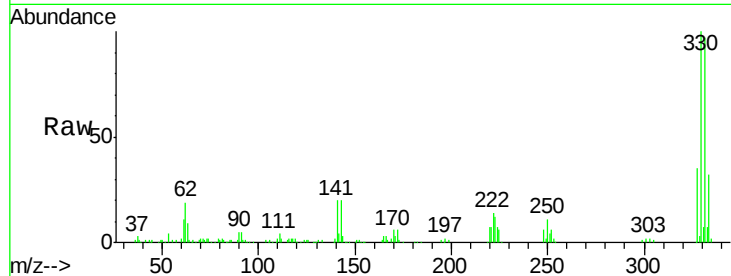
#41
 2,4,6-Tribromophenol
 Concen: 97.50 ng
 RT: 10.60 min Scan# 789
 Delta R.T. -0.03 min
 Lab File: BF088681.D
 Acq: 4 Jul 2016 8:15

Instrument :
 BNA_F
 ClientSampleId :
 F11-B2(0-11)C

Tot Ion	Ratio	Resp	Lower	Upper
330	100	140268		
332	96.6	0.0	0.0	0.0
141	36.3	0.0	0.0	0.0

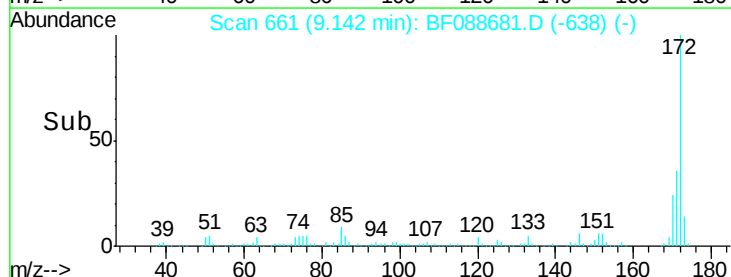
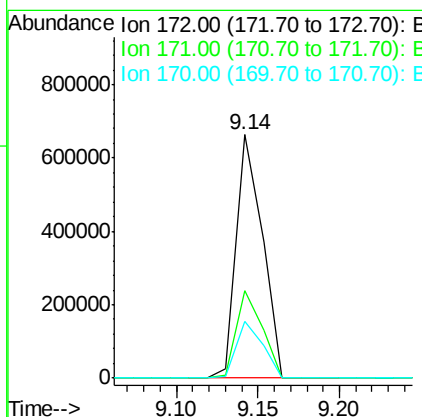
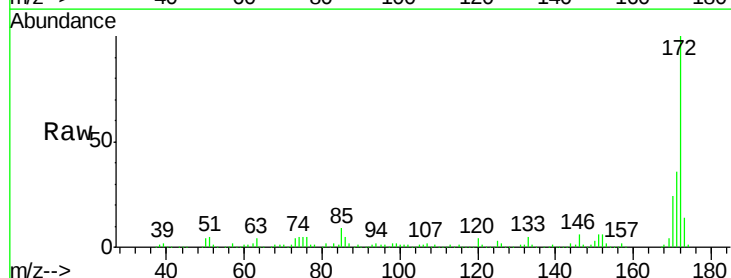
Manual Integrations

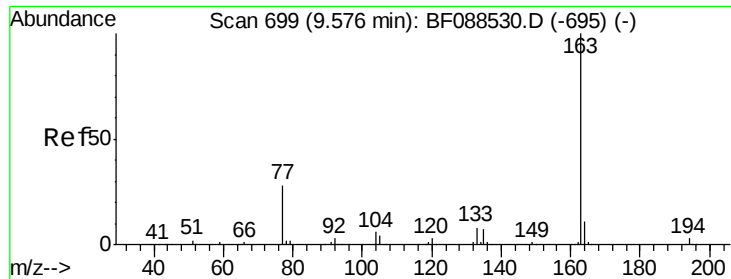
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#44
 2-Fluorobiphenyl
 Concen: 74.41 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.03 min
 Lab File: BF088681.D
 Acq: 4 Jul 2016 8:15

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	729812		
171	35.7	28.6	43.0	
170	23.5	19.2	28.8	





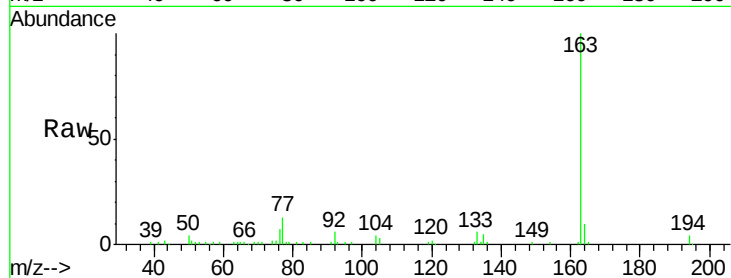
#49
Dimethylphthalate
Concen: 6.22 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.03 min
Lab File: BF088681.D
Acq: 4 Jul 2016 8:15

Instrument :
BNA_F
ClientSampleId :
F11-B2(0-11)C

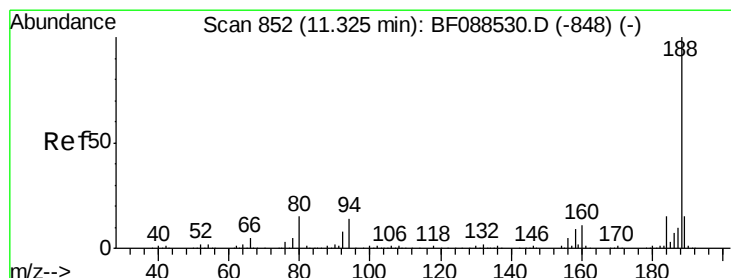
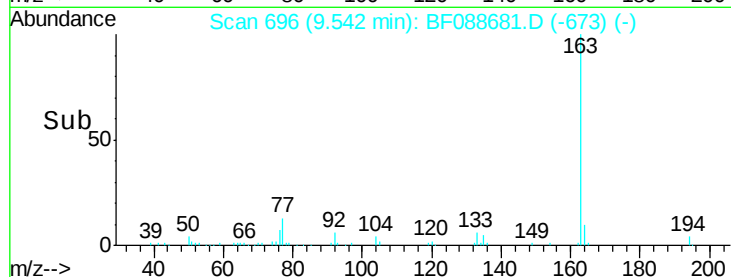
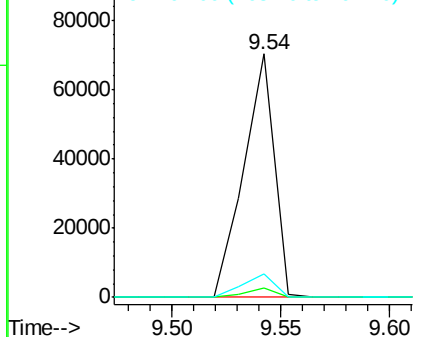
Tot Ion:163 Resp: 68660
Ion Ratio Lower Upper
163 100
194 4.0 2.8 4.2
164 9.6 8.3 12.5

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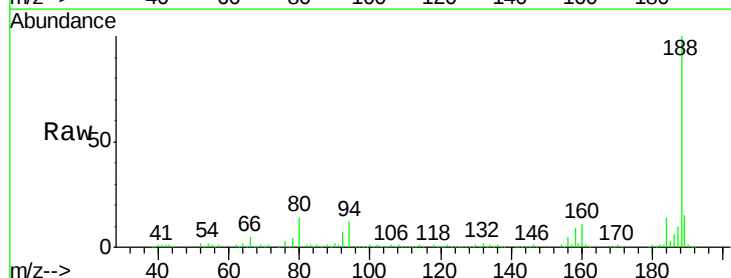


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

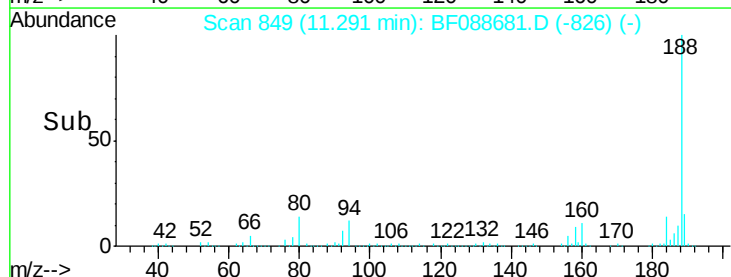
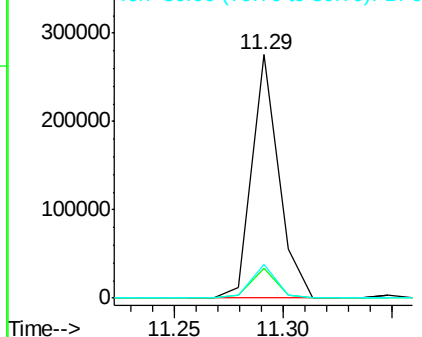


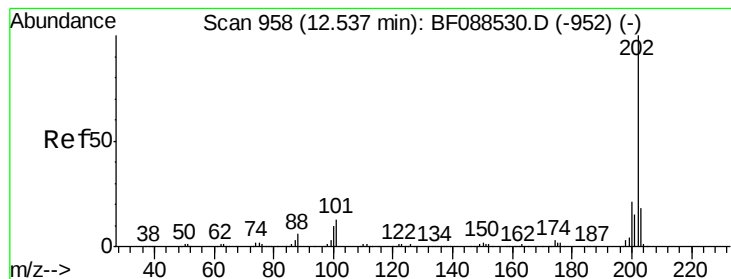
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 849
Delta R.T. -0.03 min
Lab File: BF088681.D
Acq: 4 Jul 2016 8:15

Tgt Ion:188 Resp: 235844
Ion Ratio Lower Upper
188 100
94 12.2 9.0 13.6
80 14.0 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





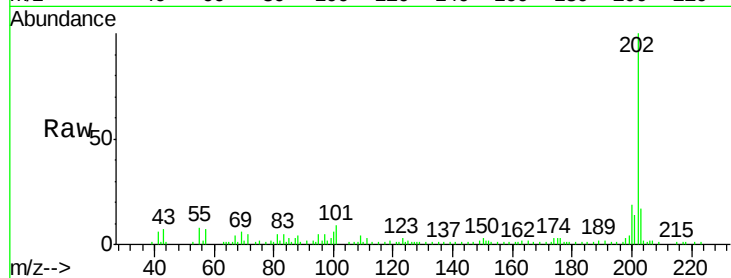
#74
Fluoranthene
Concen: 3.77 ng
RT: 12.50 min Scan# 955
Delta R.T. -0.03 min
Lab File: BF088681.D
Acq: 4 Jul 2016 8:15

Instrument :
BNA_F
ClientSampleId :
F11-B2(0-11)C

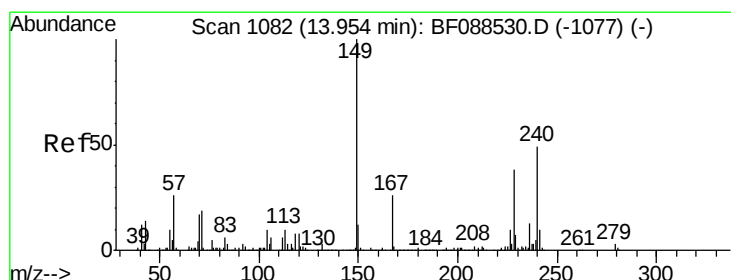
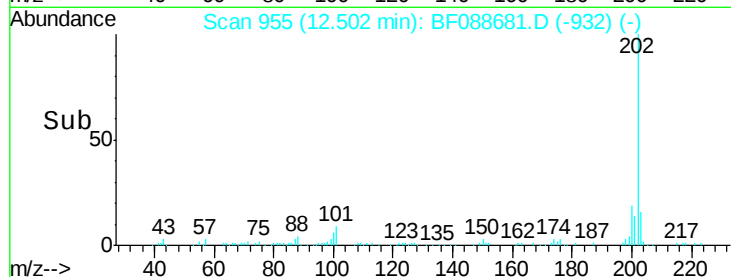
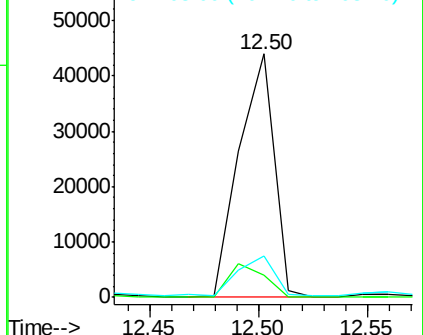
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.0	0.0	33.1
203	17.1	0.0	38.1

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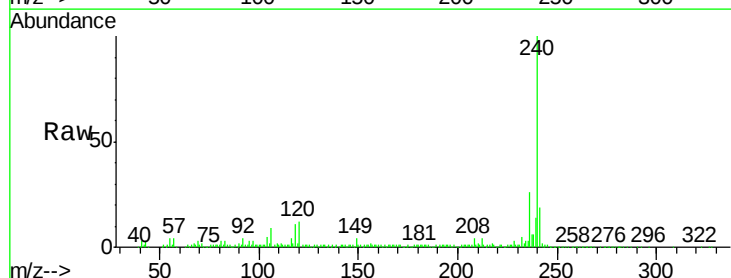


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

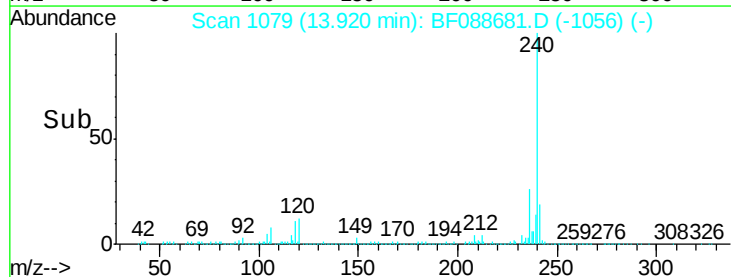
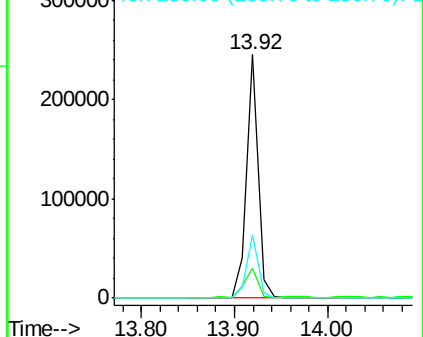


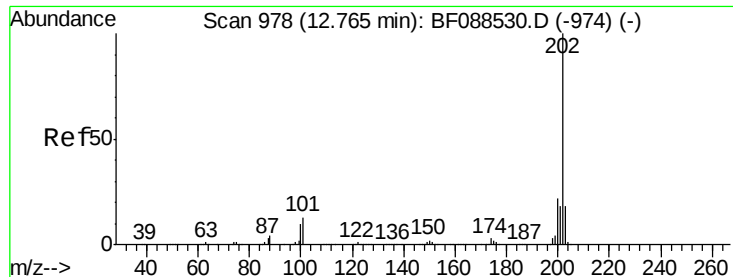
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1079
Delta R.T. -0.03 min
Lab File: BF088681.D
Acq: 4 Jul 2016 8:15

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



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





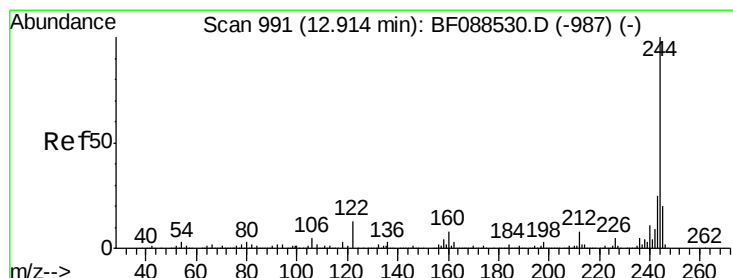
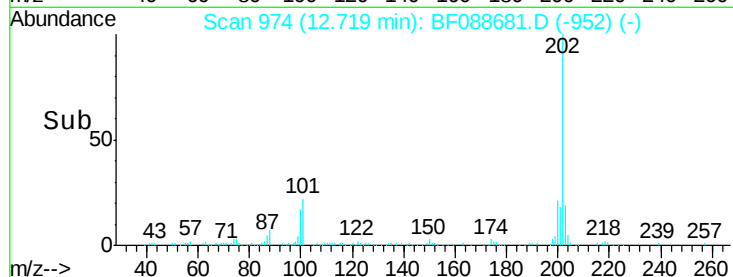
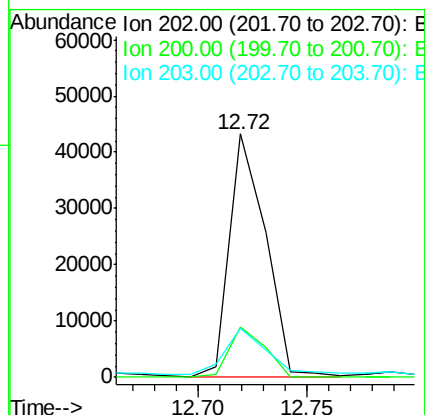
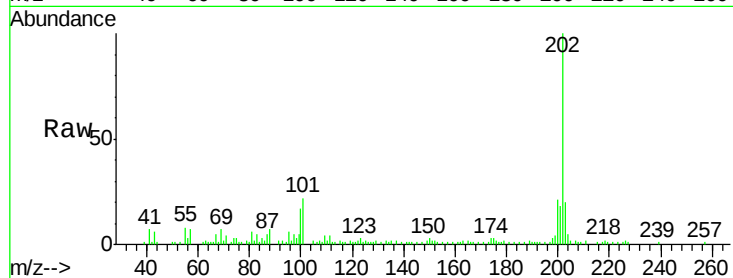
#77
Pvrene
Concen: 2.82 ng
RT: 12.72 min Scan# 974
Delta R.T. -0.05 min
Lab File: BF088681.D
Acq: 4 Jul 2016 8:15

Instrument :
BNA_F
ClientSampleId :
F11-B2(0-11)C

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.4	26.2
203	20.0	14.5	21.7

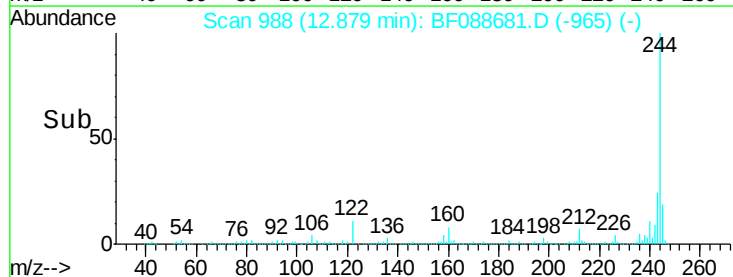
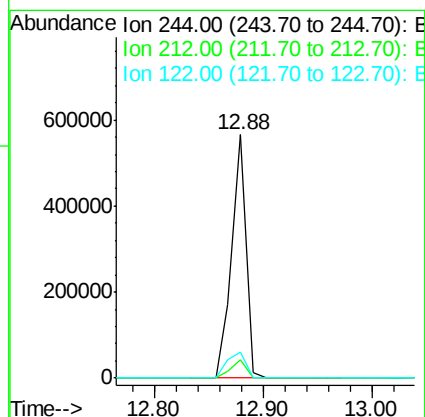
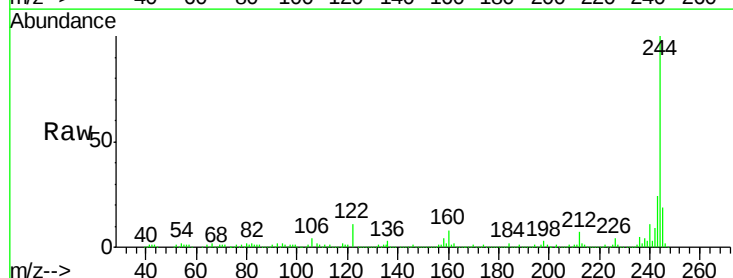
Manual Integrations

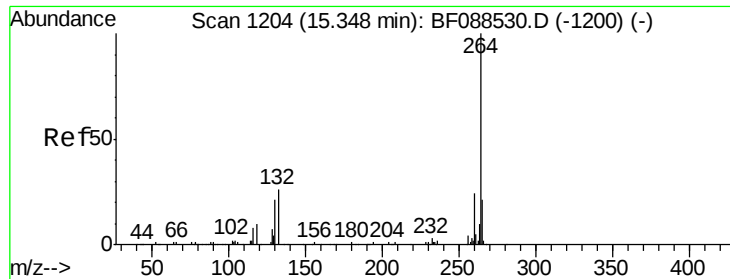
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#78
Terphenyl-d14
Concen: 54.54 ng
RT: 12.88 min Scan# 988
Delta R.T. -0.03 min
Lab File: BF088681.D
Acq: 4 Jul 2016 8:15

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	10.7	11.2	16.8





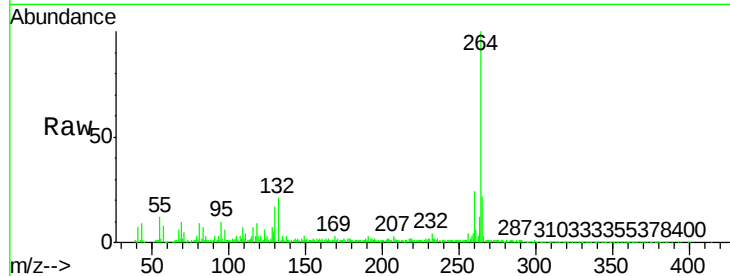
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1201
Delta R.T. -0.03 min
Lab File: BF088681.D
Acq: 4 Jul 2016 8:15

Instrument :
BNA_F
ClientSampleId :
F11-B2(0-11)C

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.3	16.9	25.3

Manual Integrations

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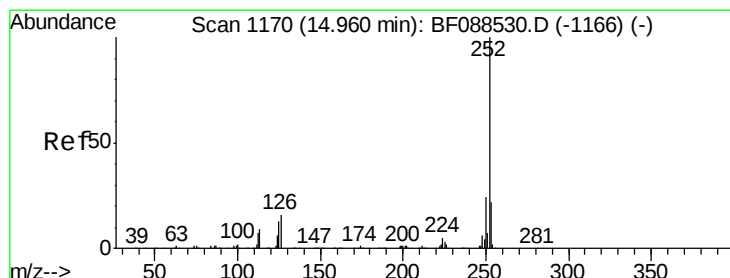
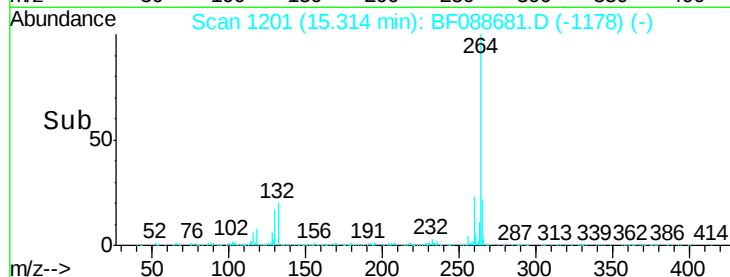
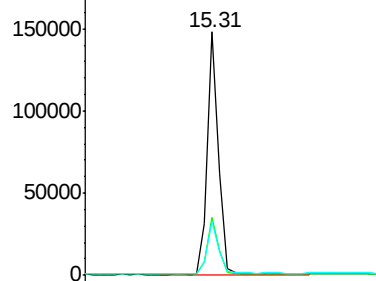


Abundance

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: 2.81 ng m
RT: 14.93 min Scan# 1167
Delta R.T. -0.03 min
Lab File: BF088681.D
Acq: 4 Jul 2016 8:15

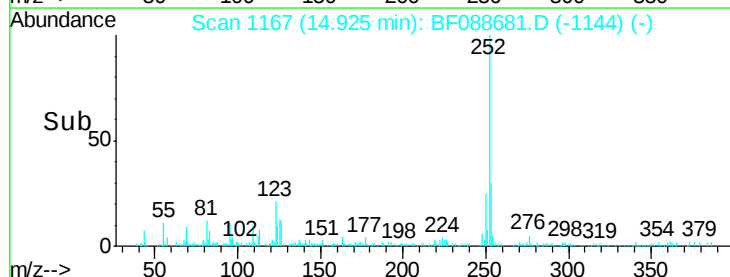
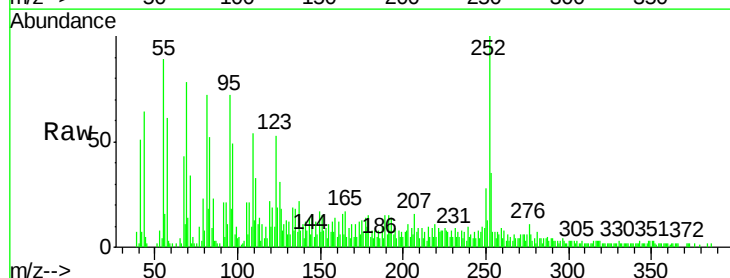
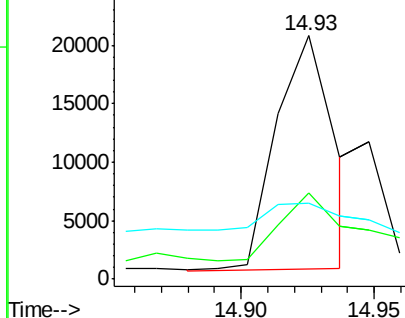
Tgt Ion	Ratio	Lower	Upper
252	100		
253	35.2	17.4	26.2#
125	31.4	7.1	10.7#

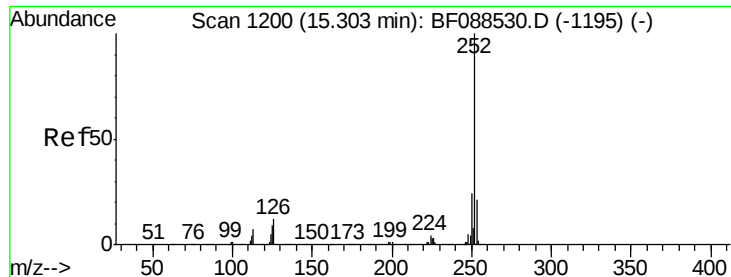
Abundance

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: 2.23 ng

RT: 15.26 min Scan# 1196

Delta R.T. -0.05 min

Lab File: BF088681.D

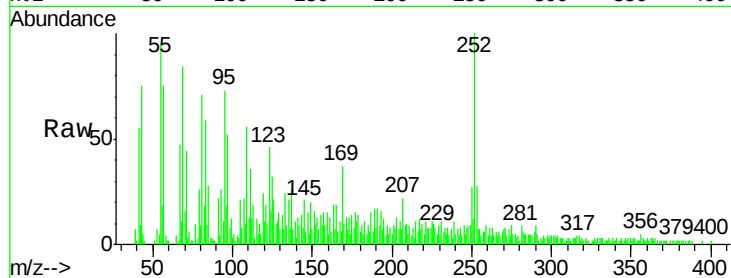
Acq: 4 Jul 2016 8:15

Instrument :

BNA_F

ClientSampleId :

F11-B2(0-11)C



Tot Ion:	252	Resp:	20122
Ion Ratio	Lower	Upper	
252	100		
253	28.0	17.9	26.9#
125	32.3	12.5	18.7#

Manual Integrations

umangi

7/5/2016 7:50:59 PM

