

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070616\
 Data File : BF088766.D
 Acq On : 7 Jul 2016 6:44
 Operator : UM/SJ
 Sample : H3870-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

Manual Integrations

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Quant Time: Jul 07 07:37:18 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	90267	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	383774	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	161868	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	271866	20.00	ng	0.00
75) Chrysene-d12	13.89	240	184515	20.00	ng	0.00
86) Perylene-d12	15.27	264	175686	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	501276	83.23	ng	0.00
7) Phenol-d6	6.39	99	663863	85.30	ng	0.00
23) Nitrobenzene-d5	7.31	82	433273	59.16	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	134424	89.43	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	679912	66.35	ng	-0.01
78) Terphenyl-d14	12.85	244	515066	62.18	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.51	163	111485	9.67	ng	98
74) Fluoranthene	12.47	202	37019	2.46	ng	95
77) Pyrene	12.69	202	35278	2.25	ng	99
83) Bis(2-ethylhexyl)phthalate	13.89	149	18344	2.30	ng	# 94
87) Benzo(b)fluoranthene	14.88	252	26615m	2.41	ng	
89) Benzo(a)pyrene	15.20	252	18744	2.01	ng	# 88

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

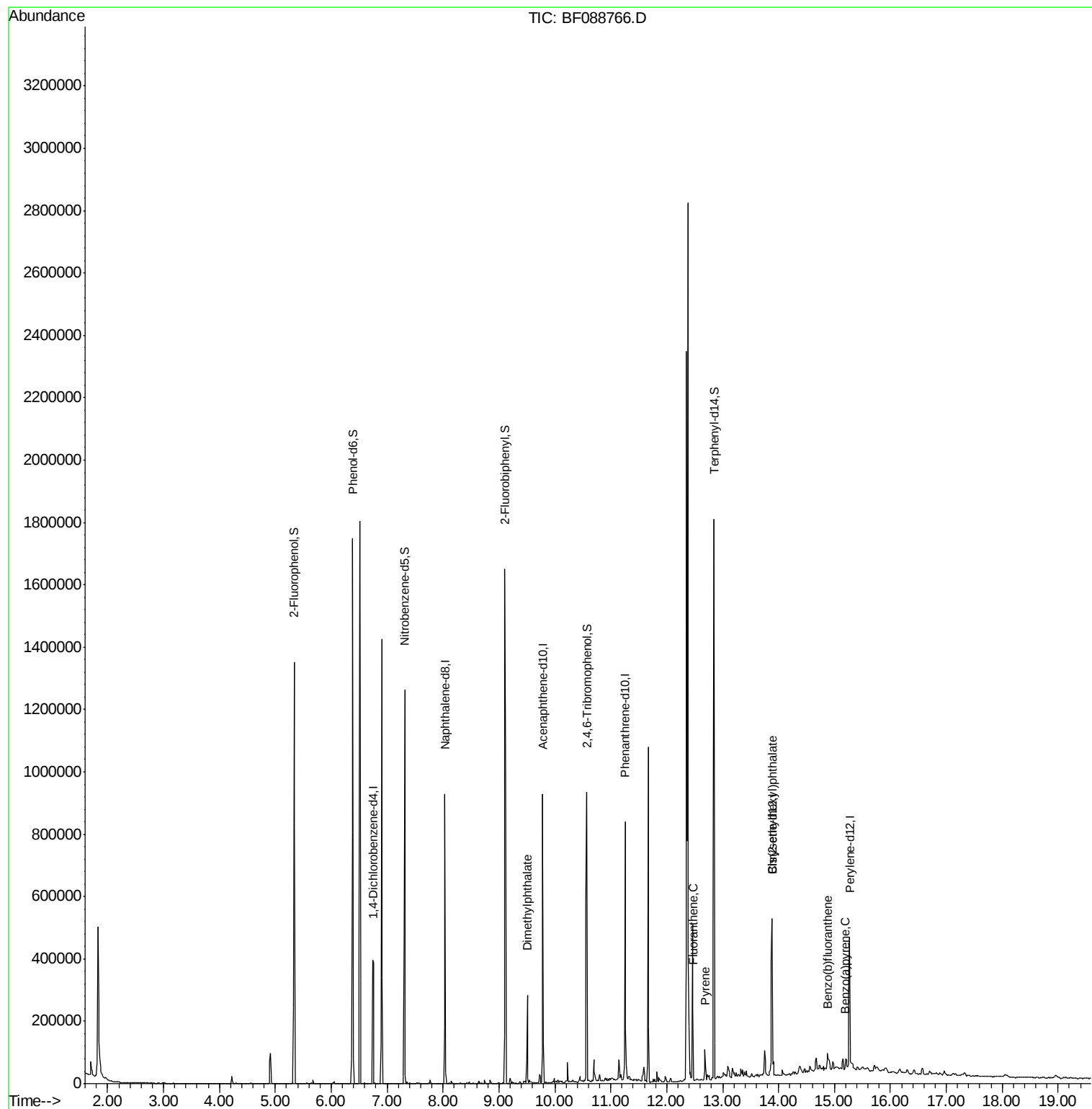
Data Path : Z:\HPCHEM1\BNA F\DATA\BF070616\
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#1

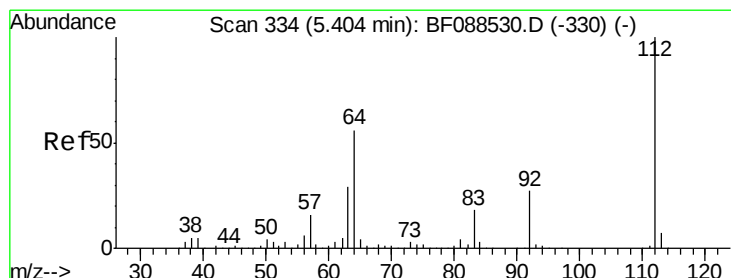
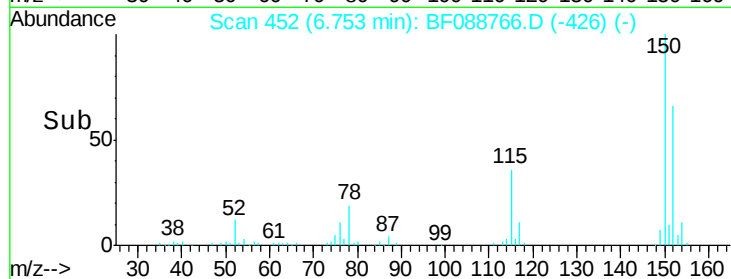
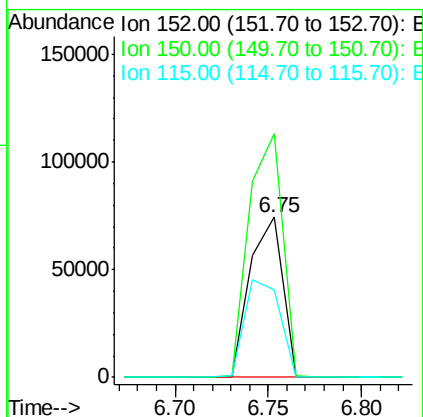
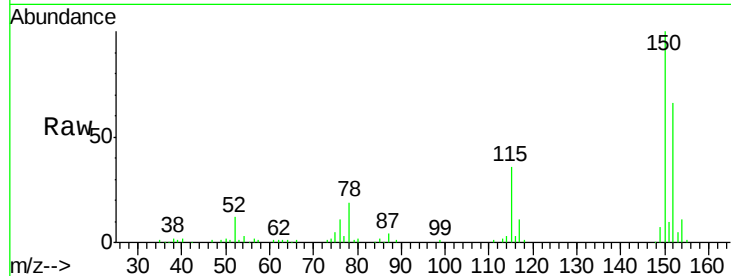
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF088766.D
Acq: 7 Jul 2016 6:44

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.3	123.8	185.6
115	54.6	39.6	59.4

Manual Integrations

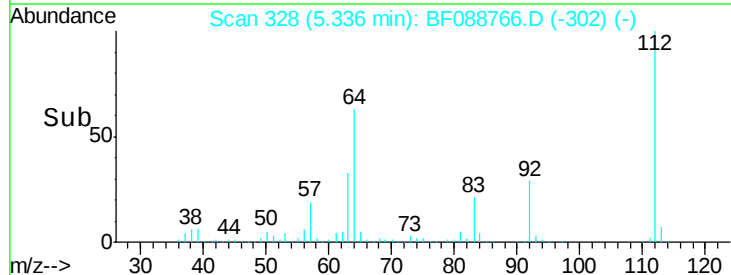
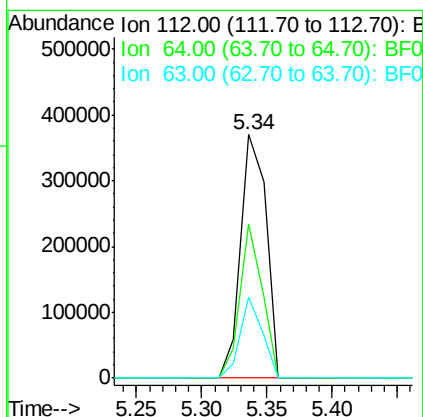
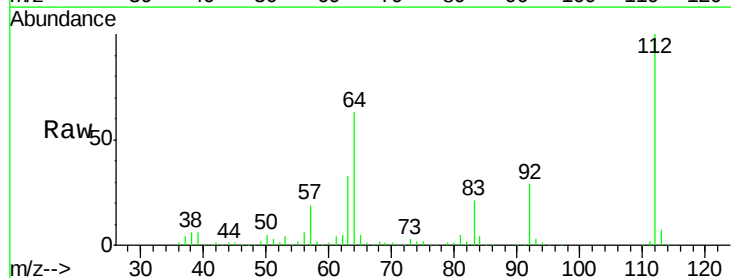
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#5

2-Fluorophenol
Concen: 83.23 ng
RT: 5.34 min Scan# 328
Delta R.T. -0.00 min
Lab File: BF088766.D
Acq: 7 Jul 2016 6:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.1	42.2	63.2
63	33.1	21.8	32.8





#7

Phenol-d6

Concen: 85.30 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF088766.D

Acq: 7 Jul 2016 6:44

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

Tot Ion: 99 Resp: 663863

Ion Ratio Lower Upper

99 100

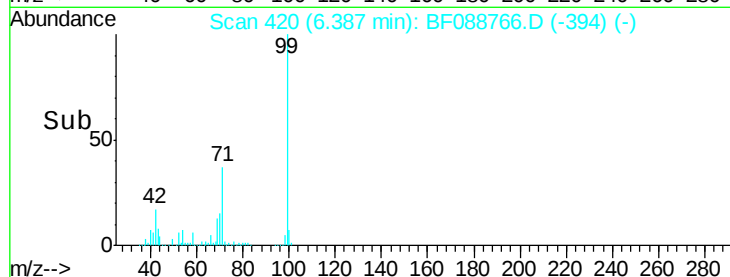
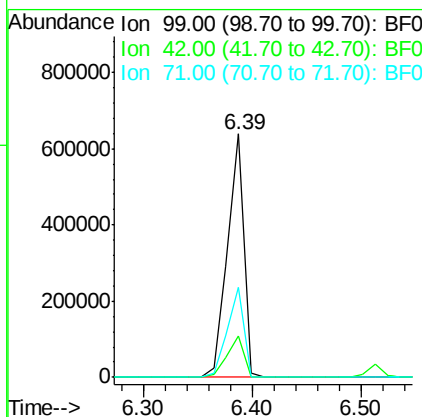
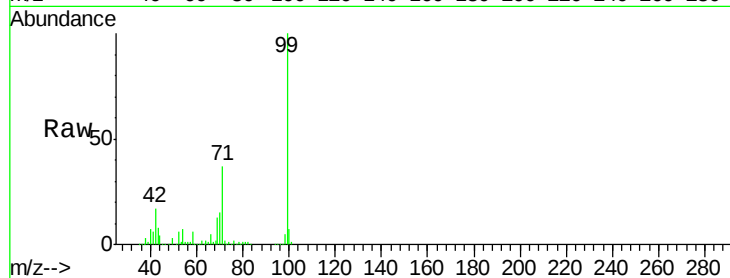
42 17.2 12.2 18.2

71 36.9 23.4 35.0#

Manual Integrations

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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: BF088766.D

Acq: 7 Jul 2016 6:44

Tgt Ion: 136 Resp: 383774

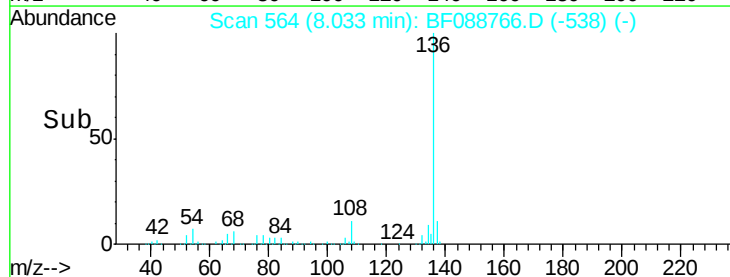
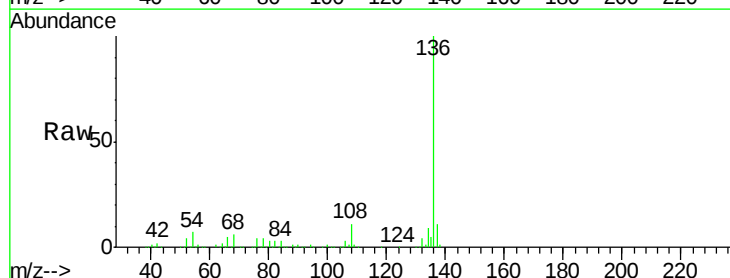
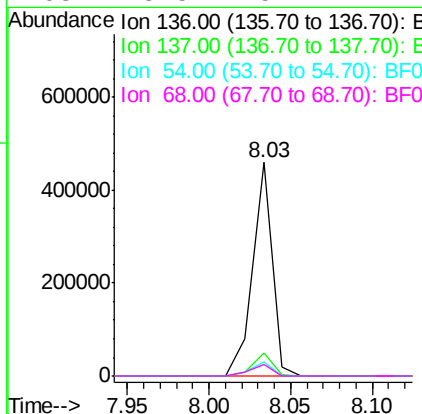
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 6.8 6.6 10.0

68 5.5 5.1 7.7





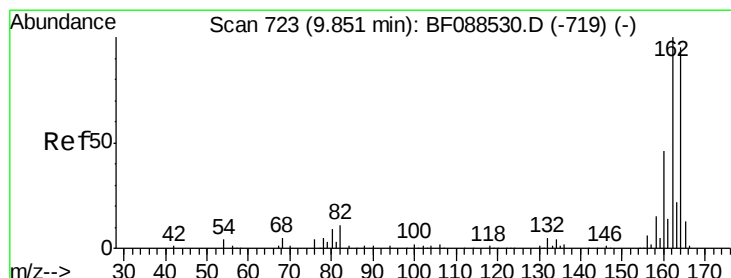
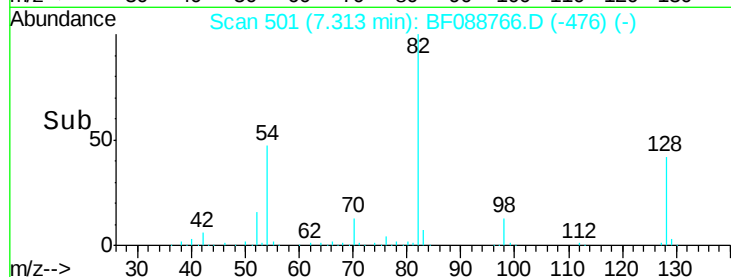
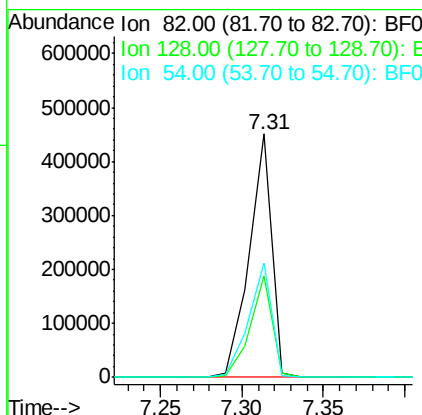
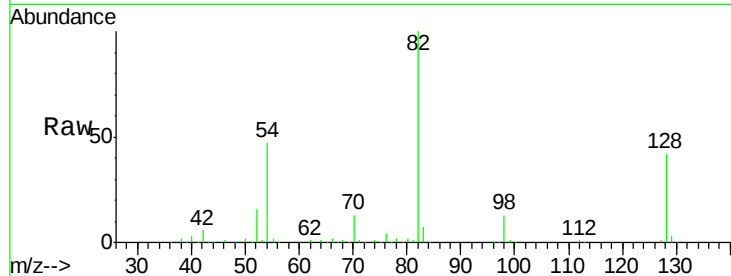
#23
 Nitrobenzene-d5
 Concen: 59.16 ng
 RT: 7.31 min Scan# 501
 Delta R.T. -0.01 min
 Lab File: BF088766.D
 Acq: 7 Jul 2016 6:44

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

Tot Ion	82	Resp	433273
Ion Ratio	100	Lower	Upper
82	100		
128	41.8	35.9	53.9
54	46.9	40.9	61.3

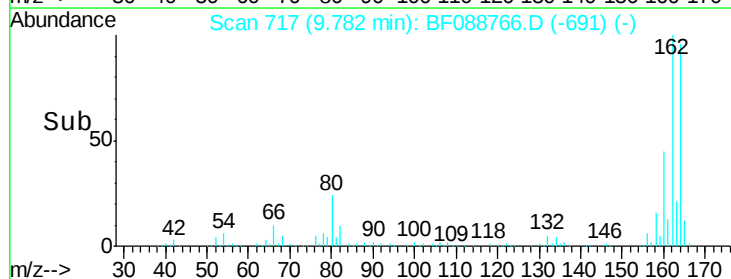
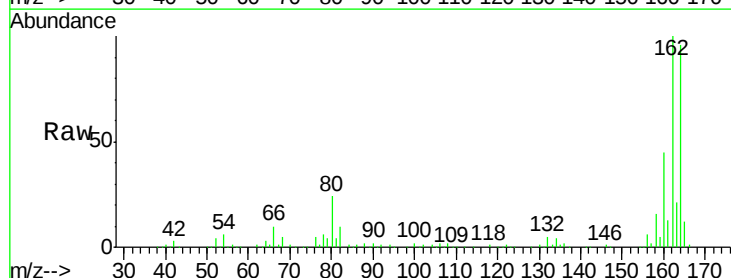
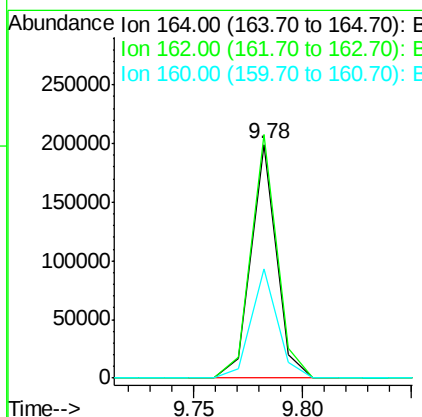
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 717
 Delta R.T. -0.00 min
 Lab File: BF088766.D
 Acq: 7 Jul 2016 6:44

Tgt Ion	164	Resp	161868
Ion Ratio	100	Lower	Upper
164	100		
162	104.2	85.4	128.2
160	46.6	39.5	59.3





#41

2,4,6-Tribromophenol

Concen: 89.43 ng

RT: 10.57 min Scan# 786

Delta R.T. -0.00 min

Lab File: BF088766.D

Acq: 7 Jul 2016 6:44

Instrument :

BNA_F

ClientSampleId :

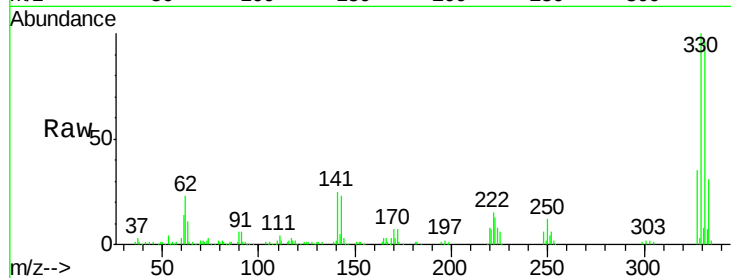
SB-01-COMP

Tot Ion:	330	Resp:	134424
Ion Ratio	Lower	Upper	
330	100		
332	95.2	0.0	0.0#
141	36.9	0.0	0.0#

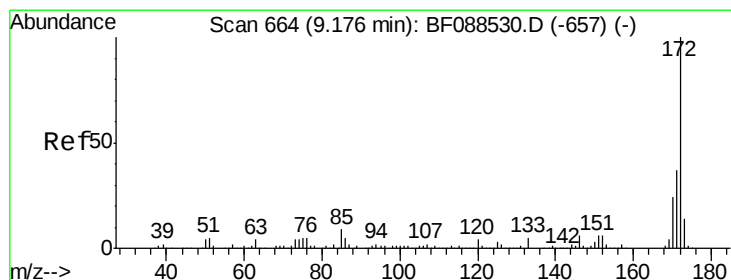
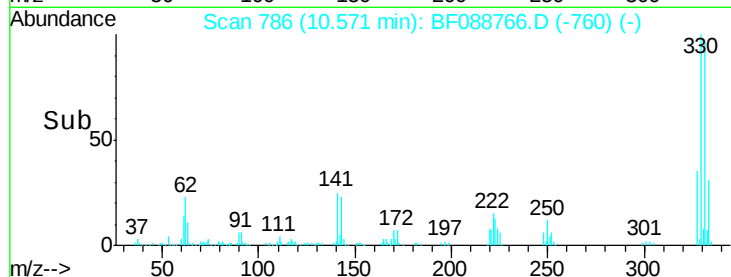
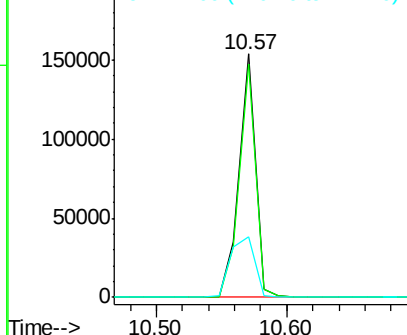
Manual Integrations

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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: 66.35 ng

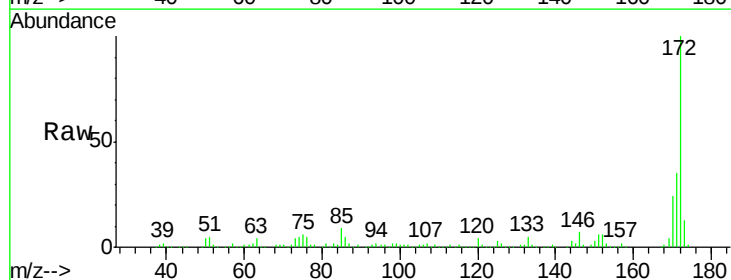
RT: 9.11 min Scan# 658

Delta R.T. -0.01 min

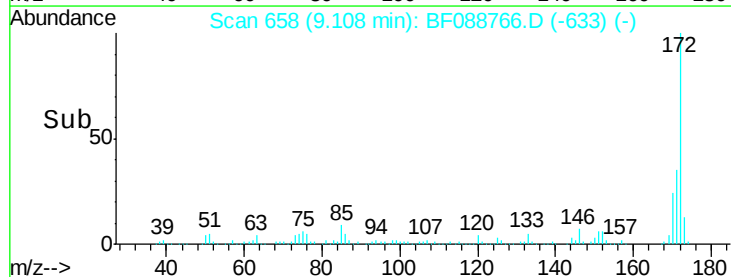
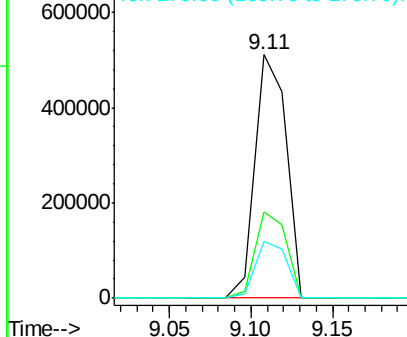
Lab File: BF088766.D

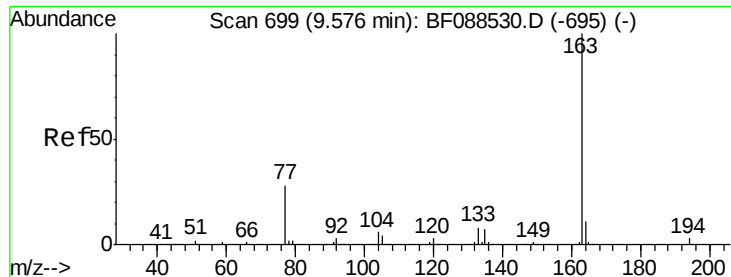
Acq: 7 Jul 2016 6:44

Tgt Ion:	172	Resp:	679912
Ion Ratio	Lower	Upper	
172	100		
171	35.5	28.6	43.0
170	23.5	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





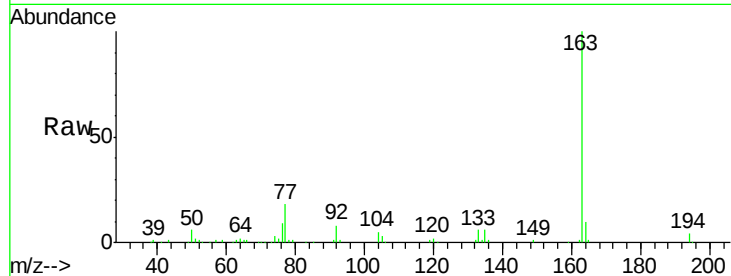
#49
Dimethylphthalate
Concen: 9.67 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF088766.D
Acq: 7 Jul 2016 6:44

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

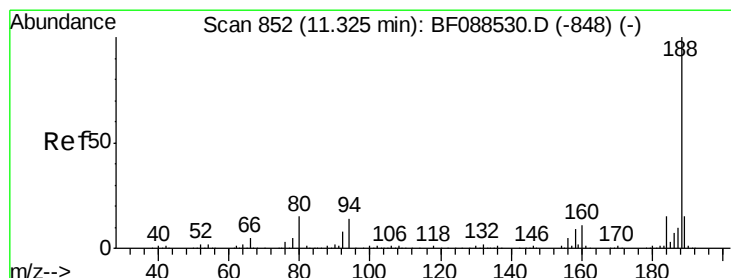
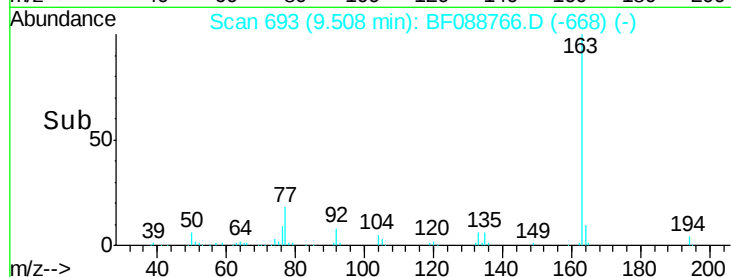
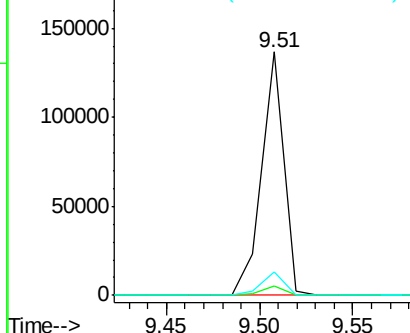
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.8	4.2
164	9.6	8.3	12.5

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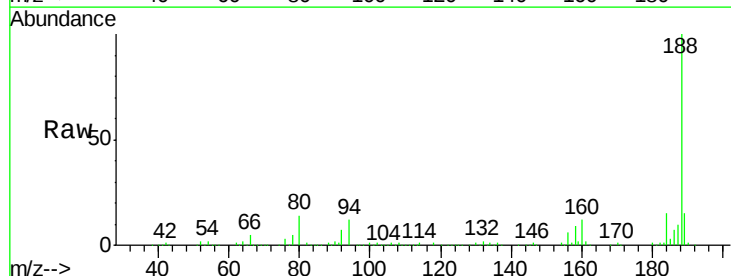


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

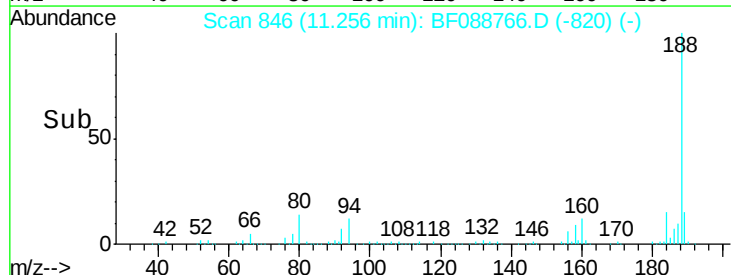
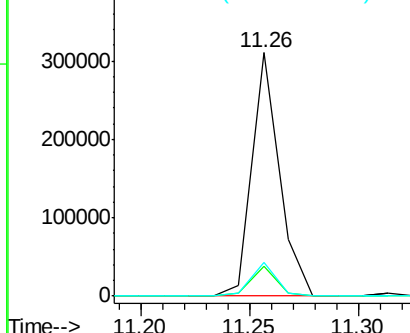


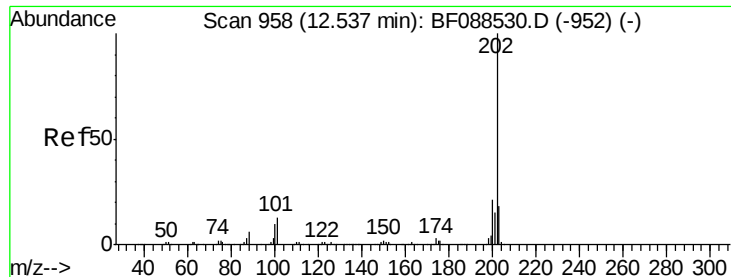
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF088766.D
Acq: 7 Jul 2016 6:44

Tgt 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: 2.46 ng

RT: 12.47 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF088766.D

Acq: 7 Jul 2016 6:44

Instrument :

BNA_F

ClientSampleId :

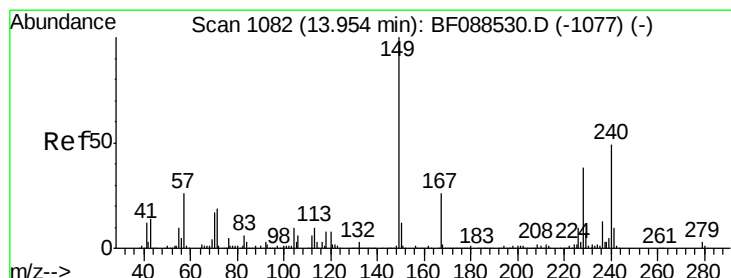
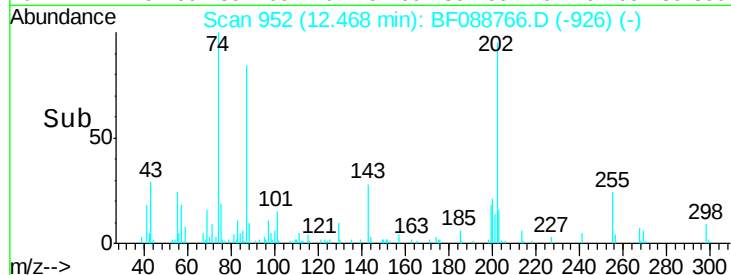
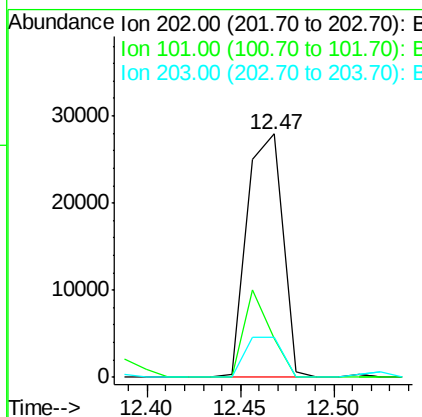
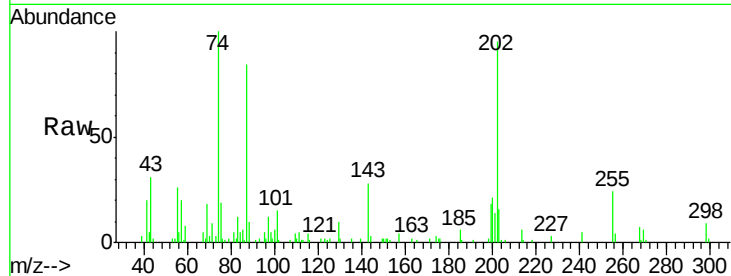
SB-01-COMP

Tot Ion:	202	Resp:	37019
Ion Ratio	Lower	Upper	
202	100		
101	15.9	0.0	33.1
203	16.5	0.0	38.1

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#75

Chrysene-d12

Concen: 20.00 ng

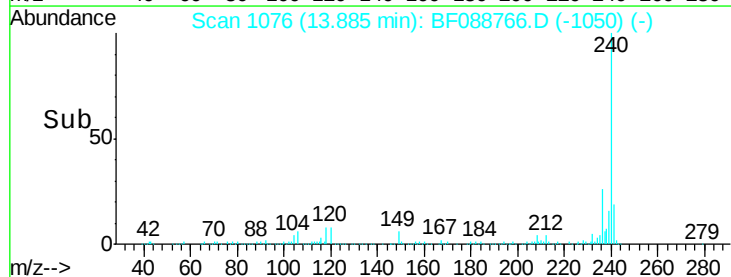
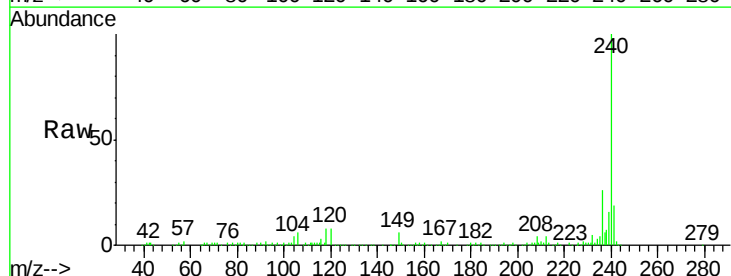
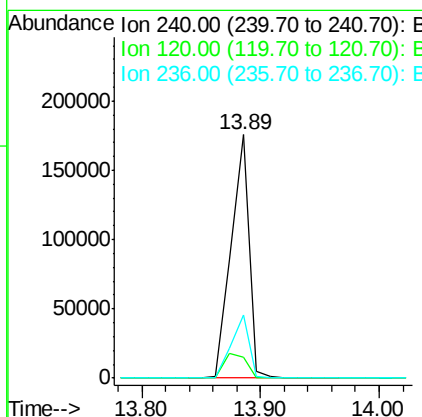
RT: 13.89 min Scan# 1076

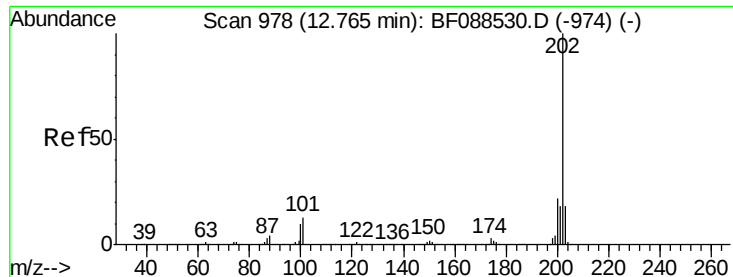
Delta R.T. -0.00 min

Lab File: BF088766.D

Acq: 7 Jul 2016 6:44

Tgt Ion:	240	Resp:	184515
Ion Ratio	Lower	Upper	
240	100		
120	8.4	6.8	10.2
236	25.8	20.2	30.2





#77

Pvrene

Concen: 2.25 ng

RT: 12.69 min Scan# 971

Delta R.T. -0.01 min

Lab File: BF088766.D

Acq: 7 Jul 2016 6:44

Instrument :

BNA_F

ClientSampleId :

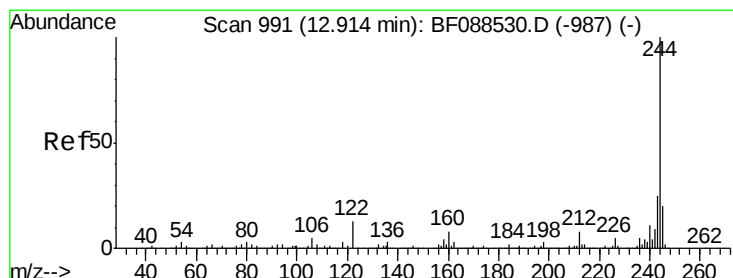
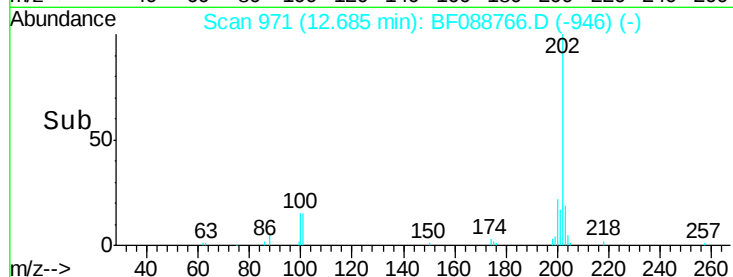
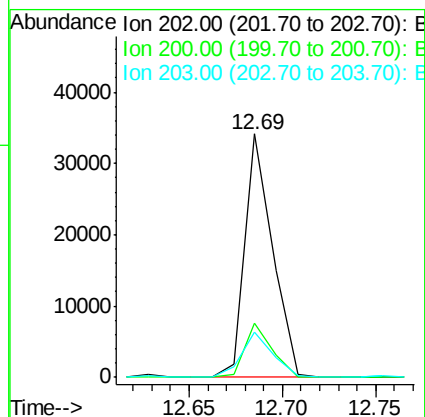
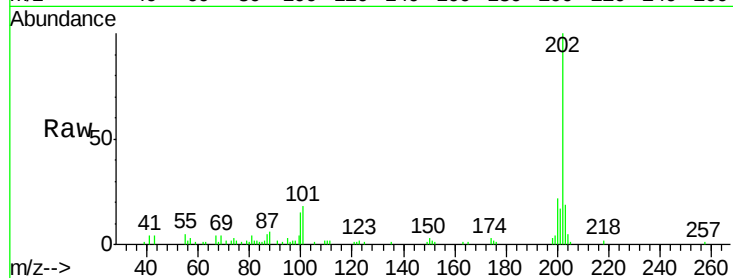
SB-01-COMP

Tot Ion:	202	Resp:	35278
Ion Ratio	Lower	Upper	
202	100		
200	22.0	17.4	26.2
203	18.6	14.5	21.7

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7/7/2016 6:10:22 PM



#78

Terphenyl-d14

Concen: 62.18 ng

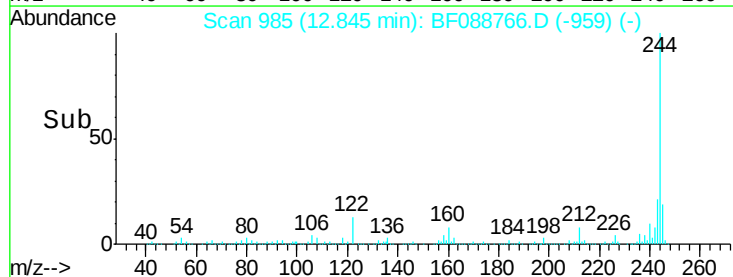
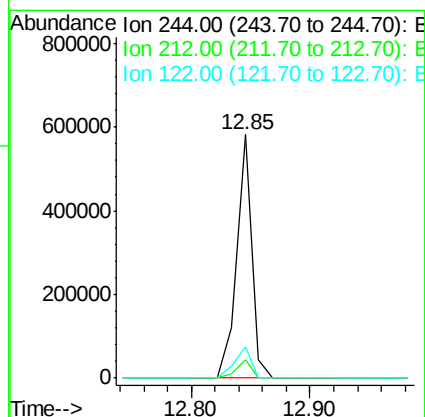
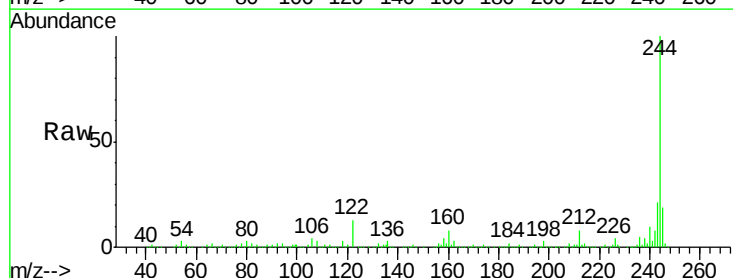
RT: 12.85 min Scan# 985

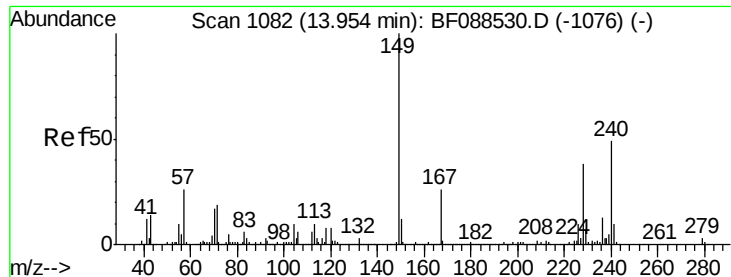
Delta R.T. -0.00 min

Lab File: BF088766.D

Acq: 7 Jul 2016 6:44

Tgt Ion:	244	Resp:	515066
Ion Ratio	Lower	Upper	
244	100		
212	7.5	6.0	9.0
122	12.7	11.2	16.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.30 ng

RT: 13.89 min Scan# 1076

Delta R.T. -0.00 min

Lab File: BF088766.D

Acq: 7 Jul 2016 6:44

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

Tot Ion:149 Resp: 18344

Ion Ratio Lower Upper

149 100

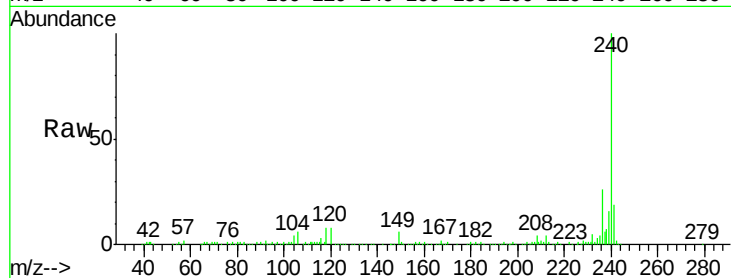
167 28.9 20.5 30.7

279 3.8 2.0 3.0#

Manual Integrations

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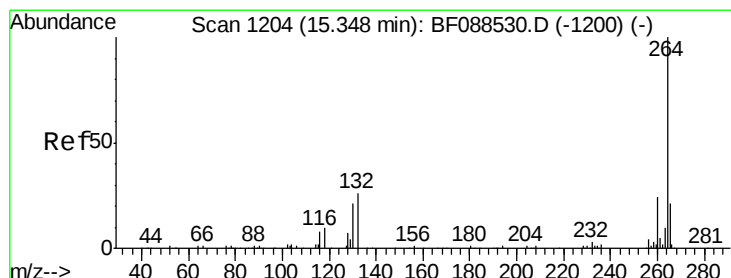
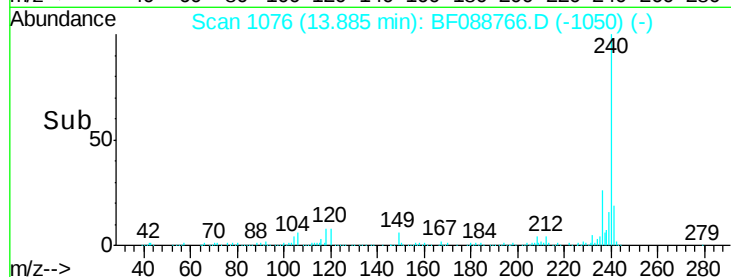
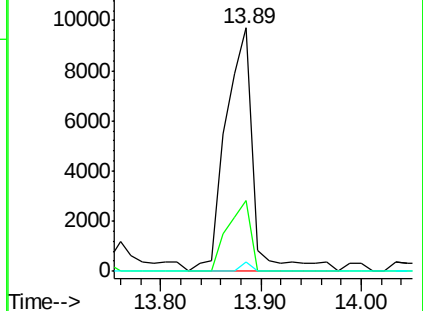
7/7/2016 6:10:22 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.27 min Scan# 1197

Delta R.T. -0.00 min

Lab File: BF088766.D

Acq: 7 Jul 2016 6:44

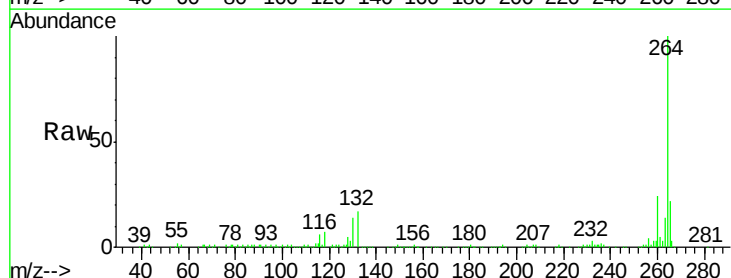
Tgt Ion:264 Resp: 175686

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

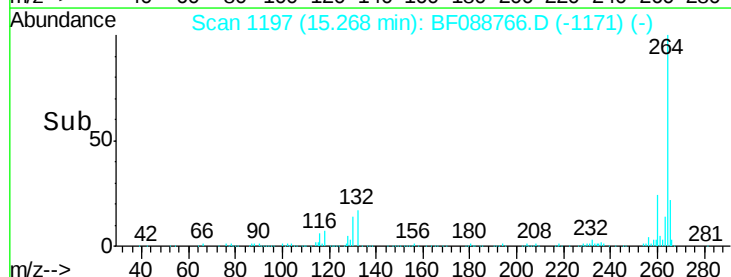
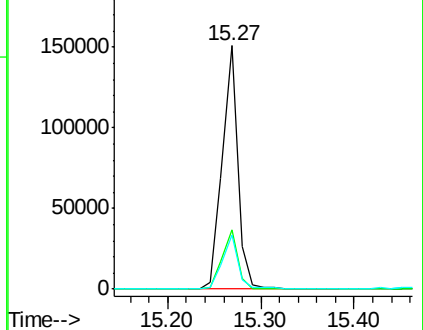
265 22.3 16.9 25.3

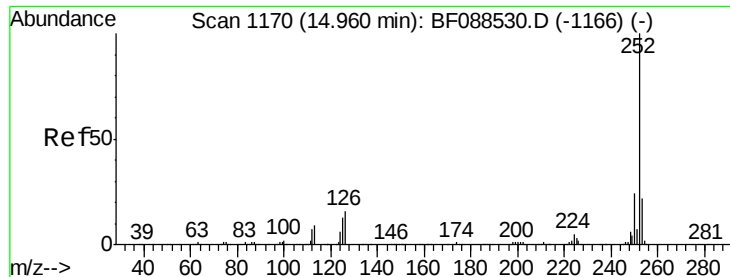


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 2.41 ng

RT: 14.88 min Scan# 1163

Delta R.T. -0.00 min

Lab File: BF088766.D

Acq: 7 Jul 2016 6:44

Instrument :

BNA_F

ClientSampleId :

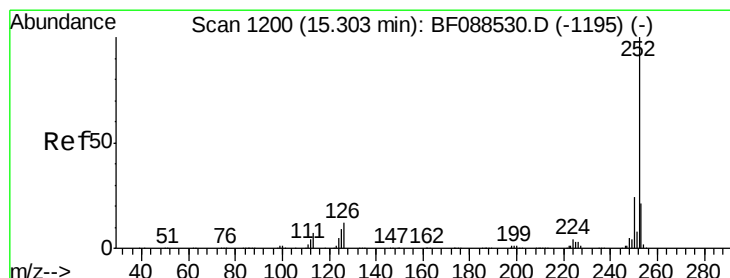
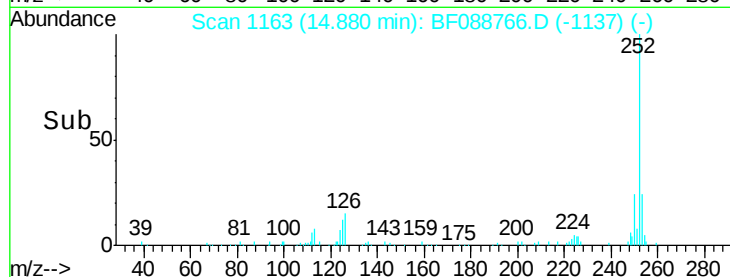
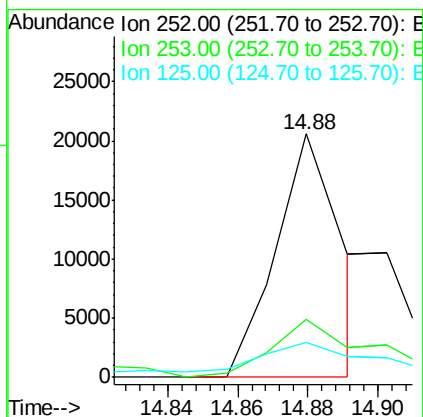
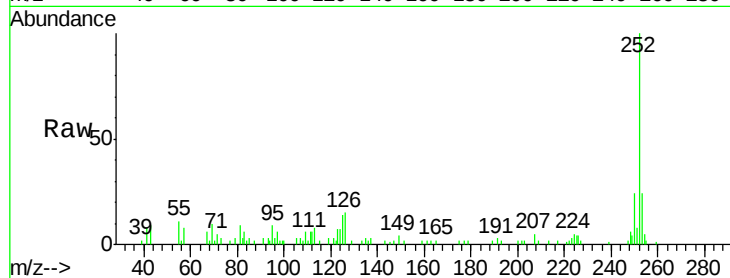
SB-01-COMP

Tot Ion:	252	Resp:	26615
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.4	26.2
125	14.3	7.1	10.7#

Manual Integrations

umangi

7/7/2016 6:10:22 PM



#89

Benzo(a)pyrene

Concen: 2.01 ng

RT: 15.20 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BF088766.D

Acq: 7 Jul 2016 6:44

Tgt Ion:	252	Resp:	18744
Ion Ratio	Lower	Upper	
252	100		
253	25.9	17.9	26.9
125	23.9	12.5	18.7#

