

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
 Data File : BF088694.D
 Acq On : 4 Jul 2016 14:32
 Operator : UM/SJ
 Sample : H3822-13
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E9-B3(0-11)C

Manual Integrations

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Quant Time: Jul 05 01:45:18 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 01:06:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	106111	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	366290	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	150844	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	252045	20.00	ng	0.01
75) Chrysene-d12	13.92	240	196051	20.00	ng	0.00
86) Perylene-d12	15.31	264	159868	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	634378	89.60	ng	0.01
7) Phenol-d6	6.42	99	849608	92.87	ng	0.00
23) Nitrobenzene-d5	7.35	82	502008	71.82	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	135036	96.40	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	935661	97.98	ng	0.00
78) Terphenyl-d14	12.88	244	558612	63.46	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.54	163	158382	14.74	ng	99
74) Fluoranthene	12.50	202	38226	2.74	ng	98
77) Pyrene	12.73	202	33429	2.01	ng	98
87) Benzo(b)fluoranthene	14.93	252	20162m	2.01	ng	

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

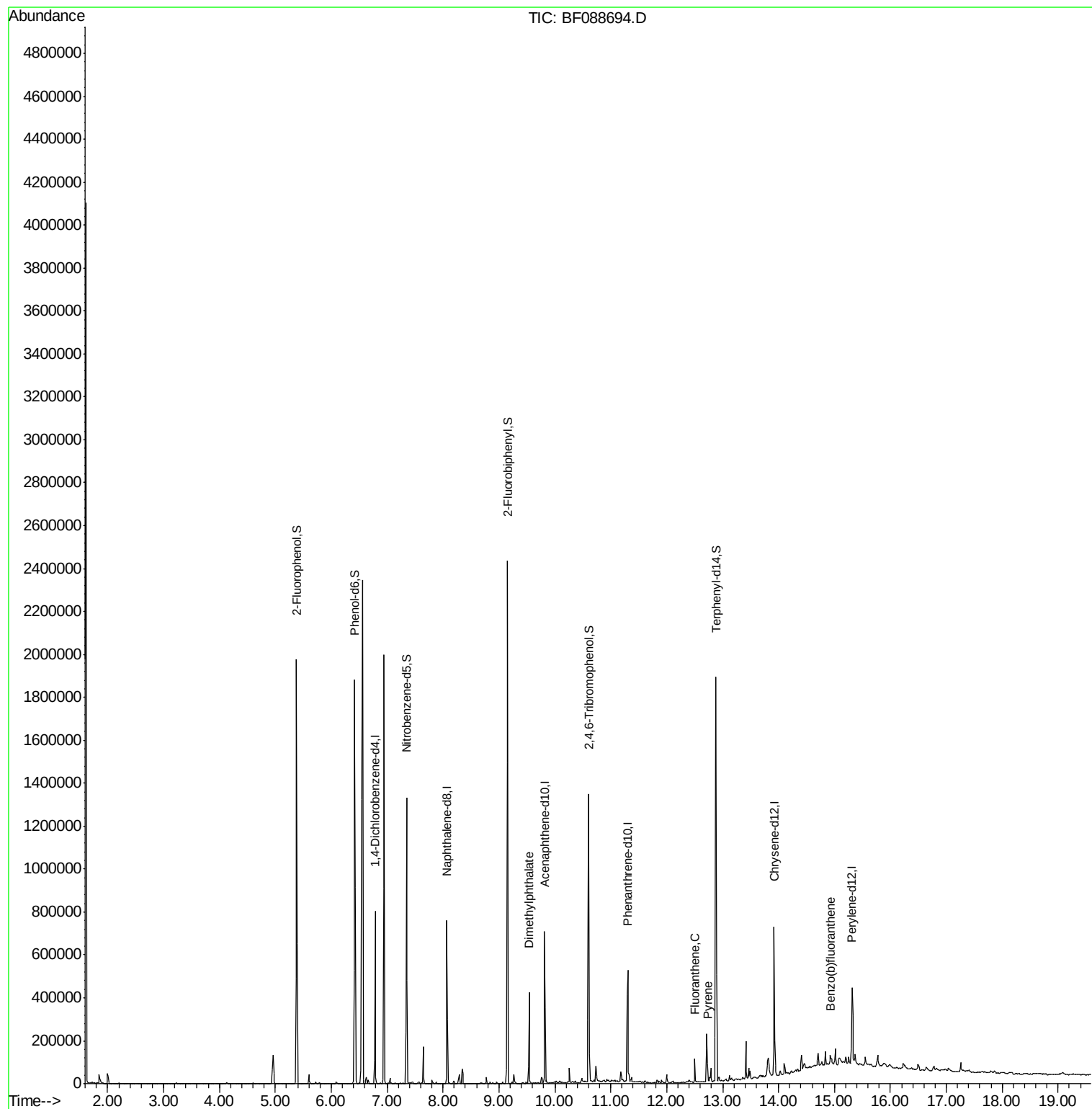
Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
Data File : BF088694.D
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Misc :
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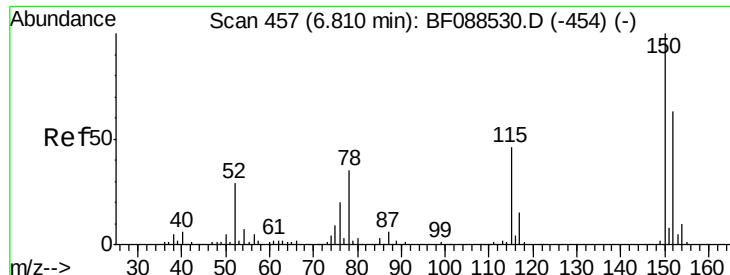
Instrument :
BNA_F
ClientSampleId :
E9-B3(0-11)C

Manual Integrations

Quant Time: Jul 05 01:45:18 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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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. 0.00 min

Lab File: BF088694.D

Acq: 4 Jul 2016 14:32

Instrument :

BNA_F

ClientSampleId :

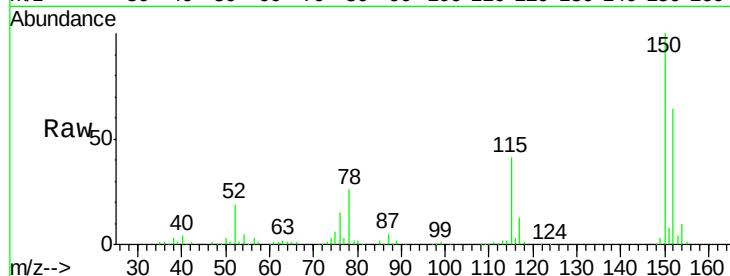
E9-B3(0-11)C

Tot Ion:	152	Resp:	106111
Ion Ratio	Lower	Upper	
152	100		
150	156.6	123.8	185.6
115	63.9	39.6	59.4

Manual Integrations

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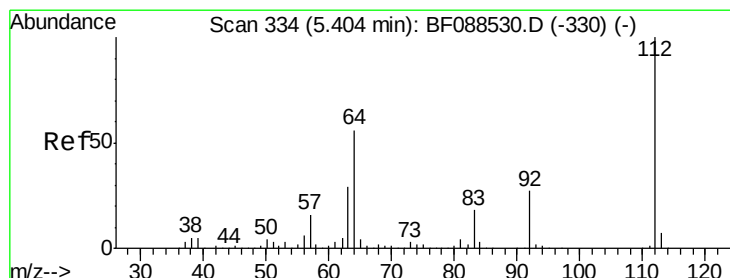
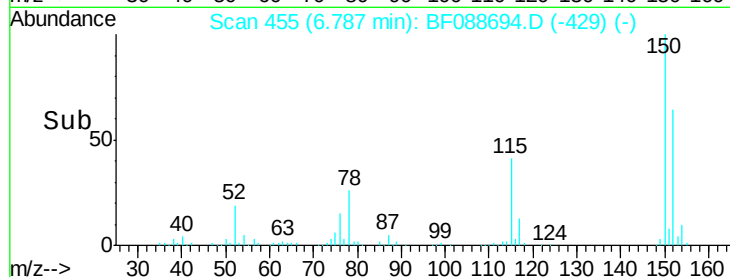
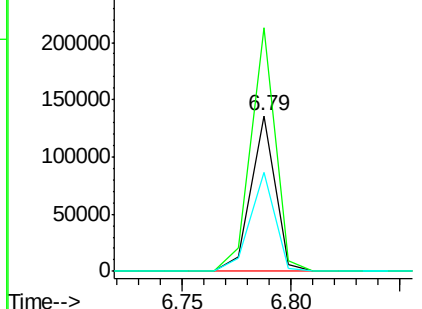
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 89.60 ng

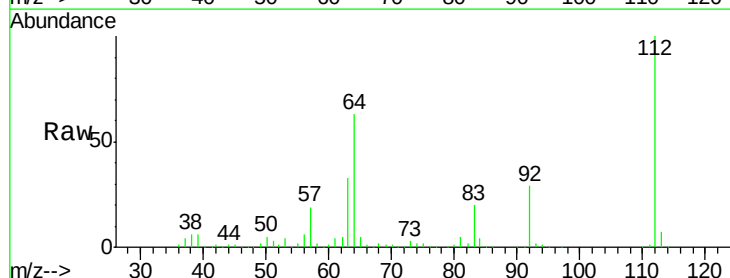
RT: 5.38 min Scan# 332

Delta R.T. 0.01 min

Lab File: BF088694.D

Acq: 4 Jul 2016 14:32

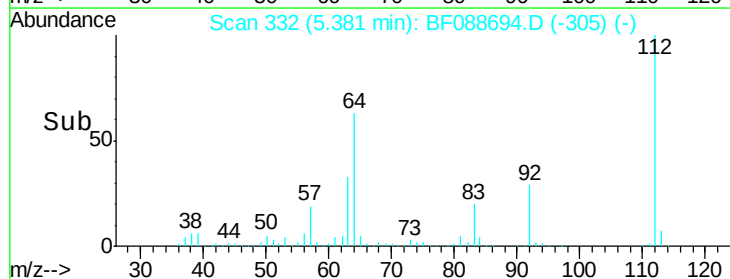
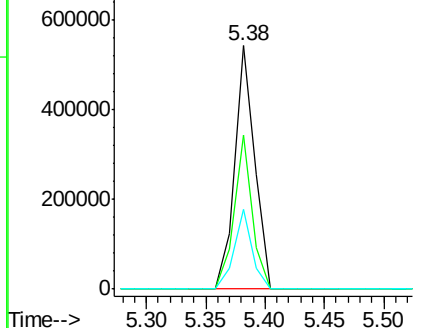
Tgt Ion:	112	Resp:	634378
Ion Ratio	Lower	Upper	
112	100		
64	63.3	42.2	63.2
63	32.8	21.8	32.8

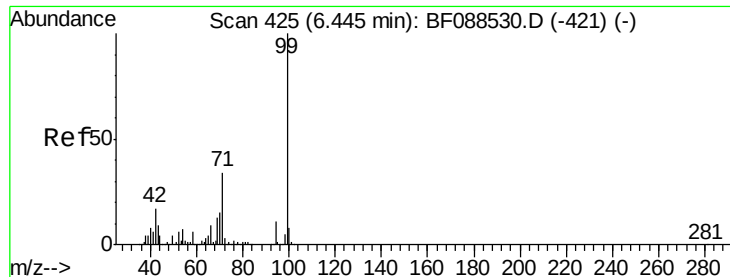


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 92.87 ng

RT: 6.42 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF088694.D

Acq: 4 Jul 2016 14:32

Instrument :

BNA_F

ClientSampleId :

E9-B3(0-11)C

Tot Ion: 99 Resp: 849608

Ion Ratio Lower Upper

99 100

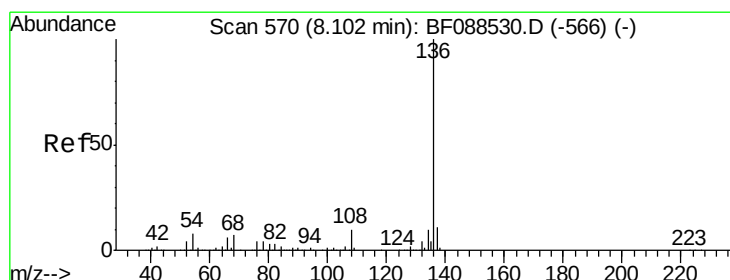
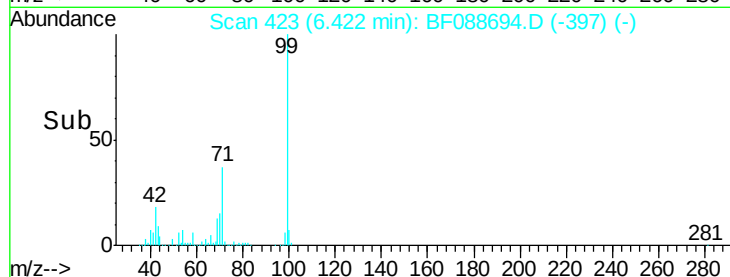
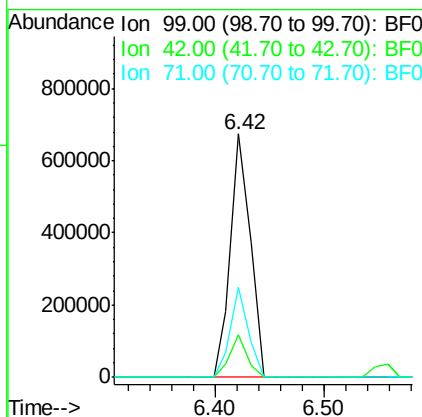
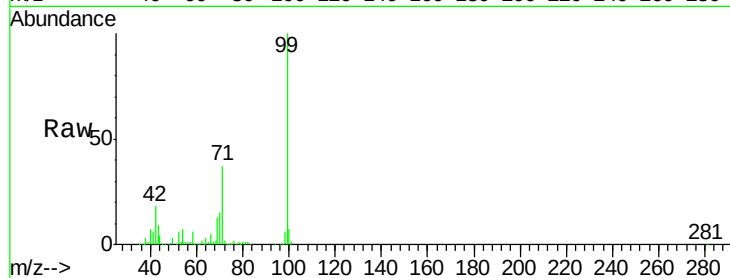
42 17.7 12.2 18.2

71 36.9 23.4 35.0#

Manual Integrations

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.07 min Scan# 567

Delta R.T. 0.00 min

Lab File: BF088694.D

Acq: 4 Jul 2016 14:32

Tgt Ion: 136 Resp: 366290

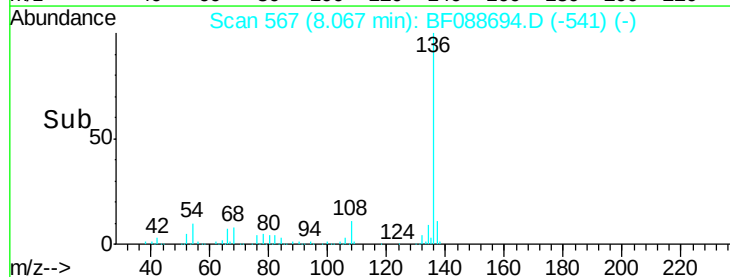
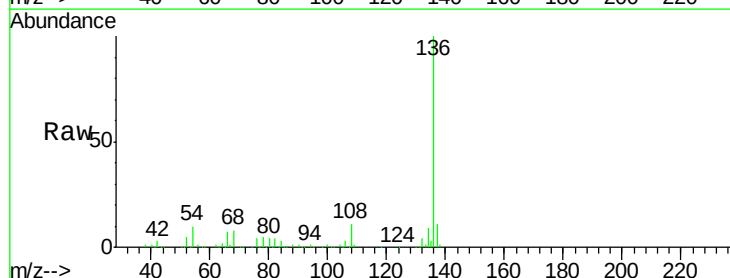
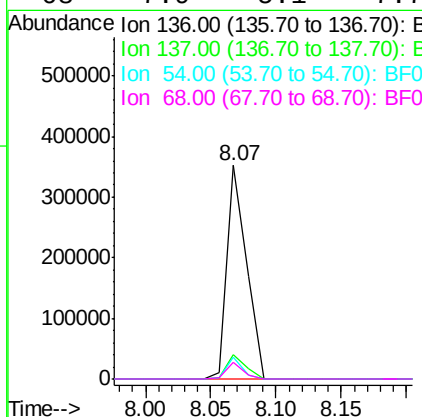
Ion Ratio Lower Upper

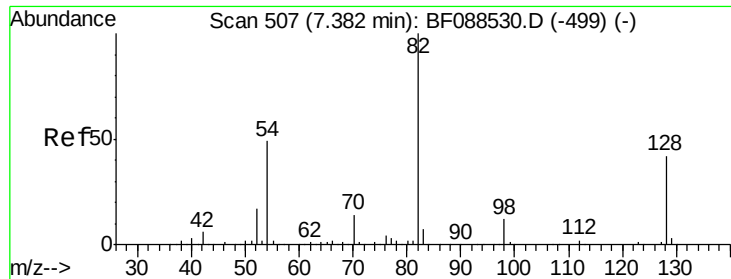
136 100

137 11.1 9.1 13.7

54 10.0 6.6 10.0#

68 7.9 5.1 7.7#





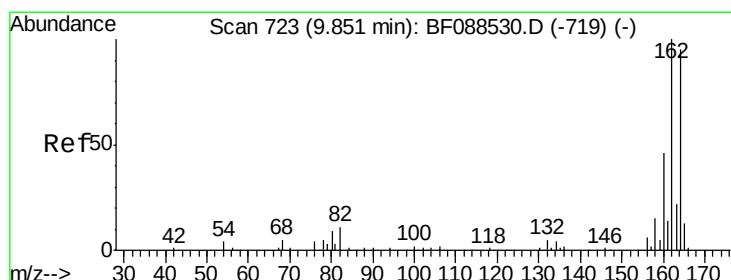
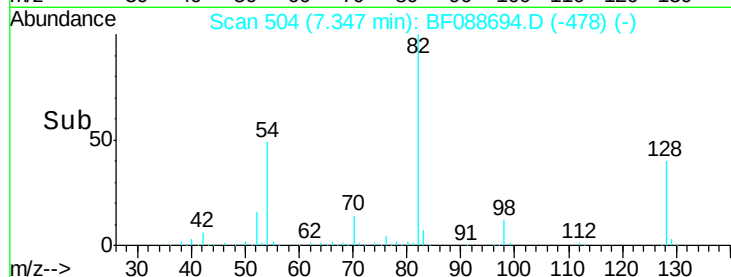
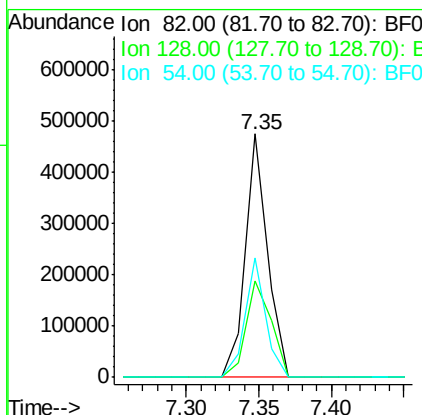
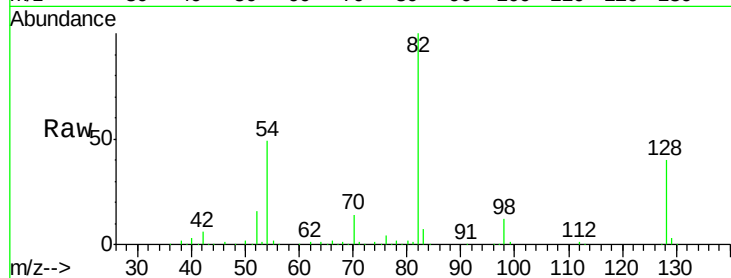
#23
 Nitrobenzene-d5
 Concen: 71.82 ng
 RT: 7.35 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF088694.D
 Acq: 4 Jul 2016 14:32

Instrument :
 BNA_F
 ClientSampleId :
 E9-B3(0-11)C

Tot Ion:	82	Resp:	502008
Ion Ratio	Lower	Upper	
82	100		
128	39.6	35.9	53.9
54	49.1	40.9	61.3

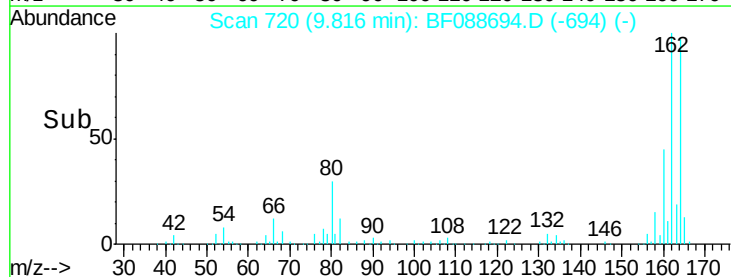
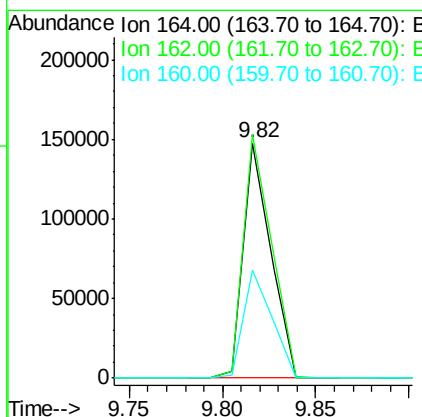
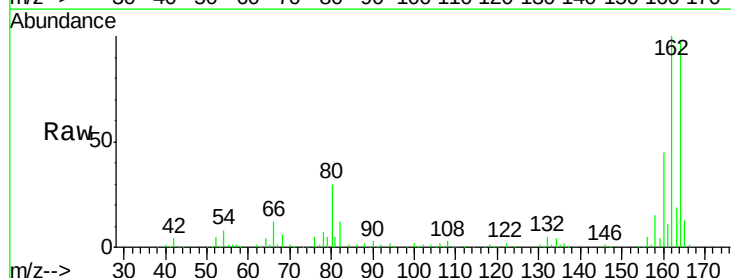
Manual Integrations

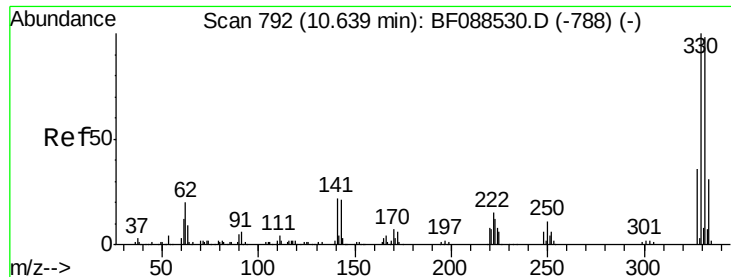
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 720
 Delta R.T. 0.00 min
 Lab File: BF088694.D
 Acq: 4 Jul 2016 14:32

Tgt Ion:	164	Resp:	150844
Ion Ratio	Lower	Upper	
164	100		
162	103.6	85.4	128.2
160	46.1	39.5	59.3





#41

2,4,6-Tribromophenol

Concen: 96.40 ng

RT: 10.60 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF088694.D

Acq: 4 Jul 2016 14:32

Instrument :

BNA_F

ClientSampleId :

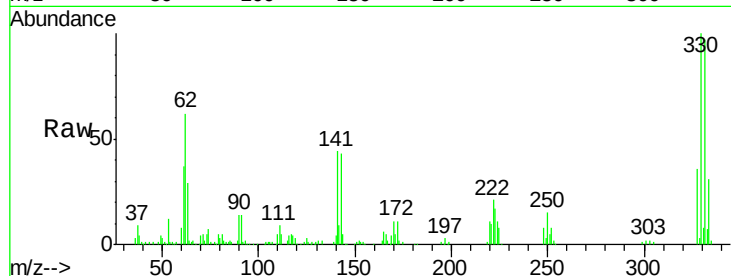
E9-B3(0-11)C

Tot Ion:	330	Resp:	135036
Ion Ratio	Lower	Upper	
330	100		
332	96.8	0.0	0.0#
141	43.4	0.0	0.0#

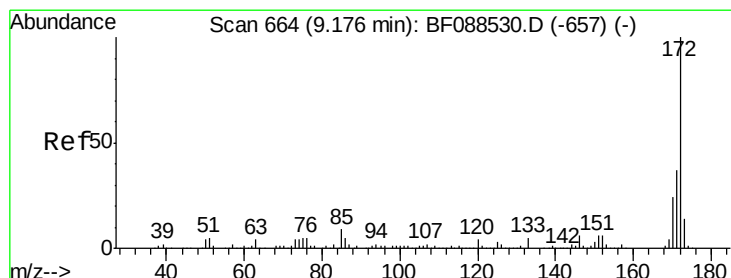
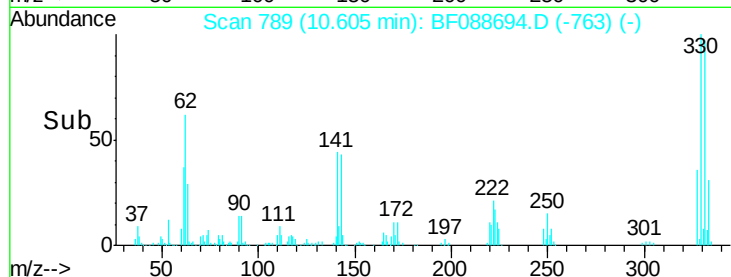
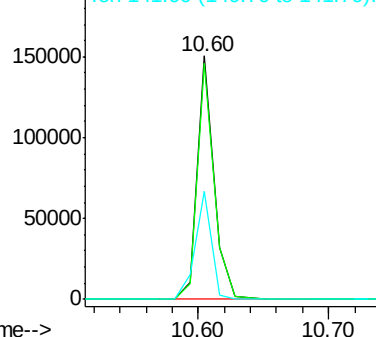
Manual Integrations

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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: 97.98 ng

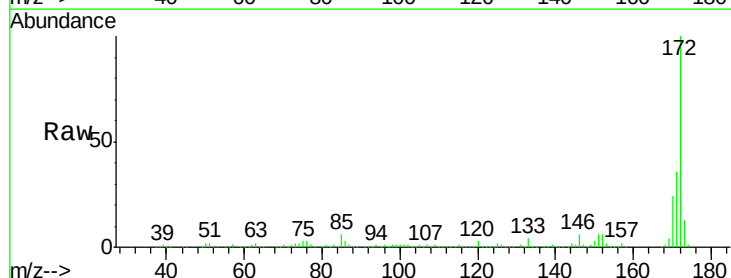
RT: 9.15 min Scan# 662

Delta R.T. 0.00 min

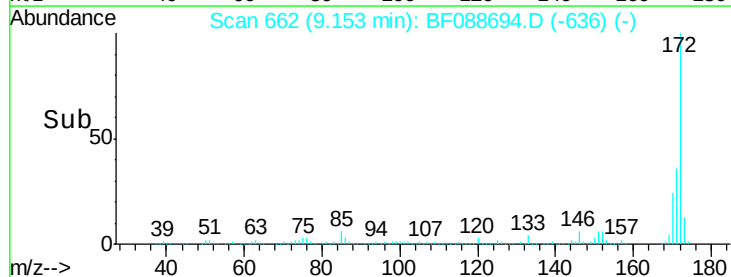
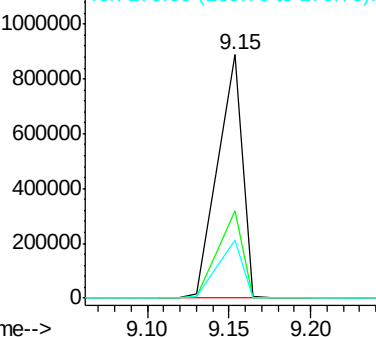
Lab File: BF088694.D

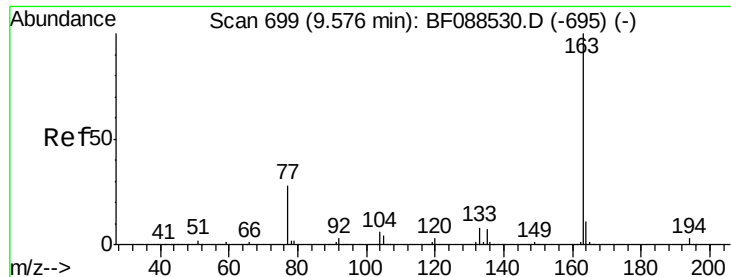
Acq: 4 Jul 2016 14:32

Tgt Ion:	172	Resp:	935661
Ion Ratio	Lower	Upper	
172	100		
171	36.0	28.6	43.0
170	23.9	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





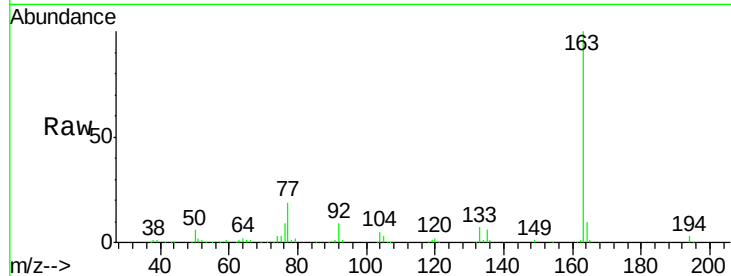
#49
Dimethylphthalate
Concen: 14.74 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF088694.D
Acq: 4 Jul 2016 14:32

Instrument :
BNA_F
ClientSampleId :
E9-B3(0-11)C

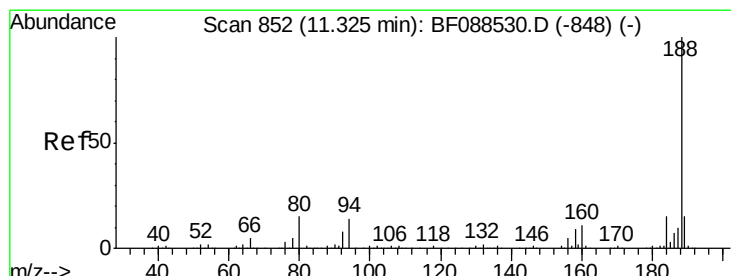
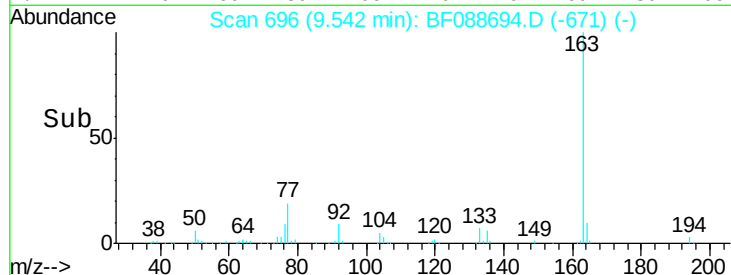
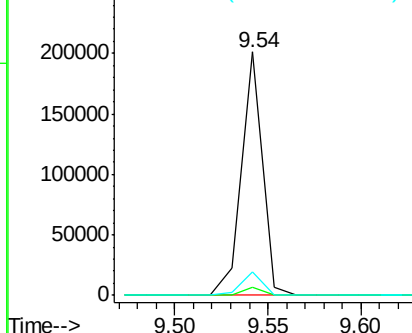
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.8	4.2
164	9.7	8.3	12.5

Manual Integrations

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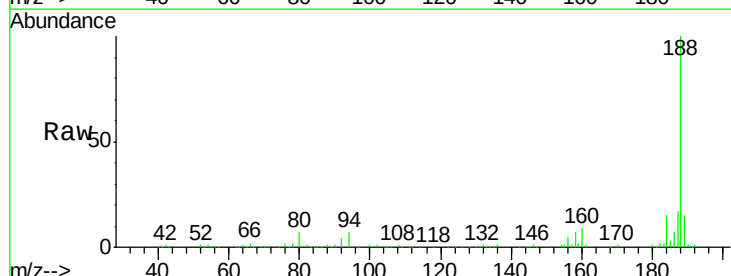


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

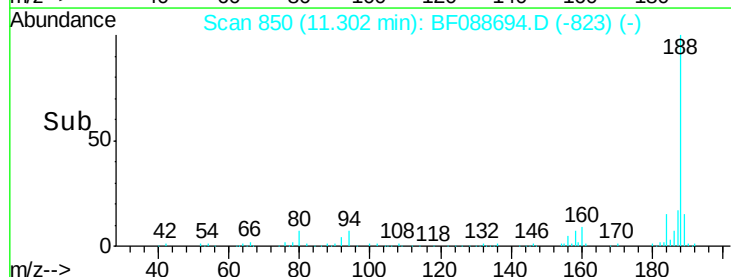
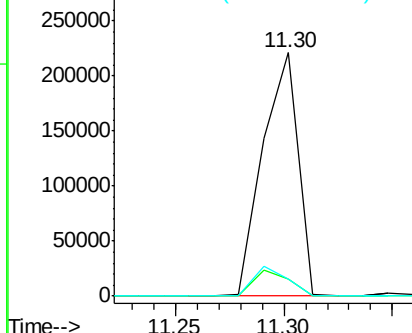


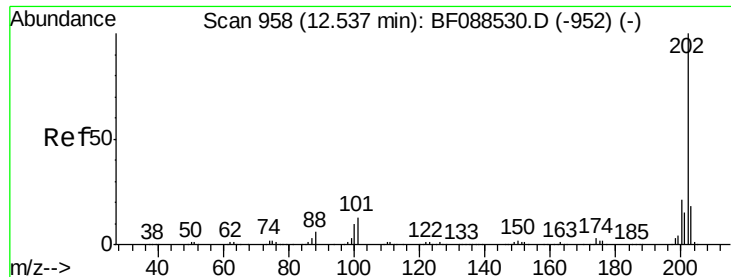
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 850
Delta R.T. 0.01 min
Lab File: BF088694.D
Acq: 4 Jul 2016 14:32

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.9	9.0	13.6#
80	7.2	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: 2.74 ng

RT: 12.50 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF088694.D

Acq: 4 Jul 2016 14:32

Instrument :

BNA_F

ClientSampleId :

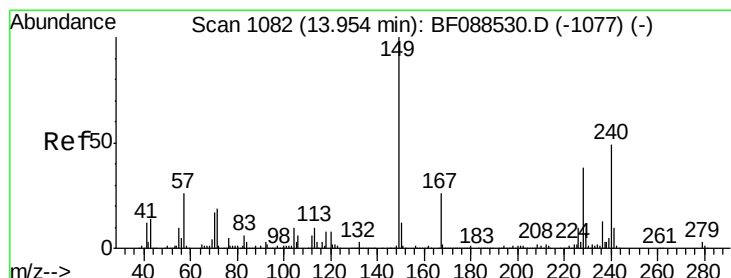
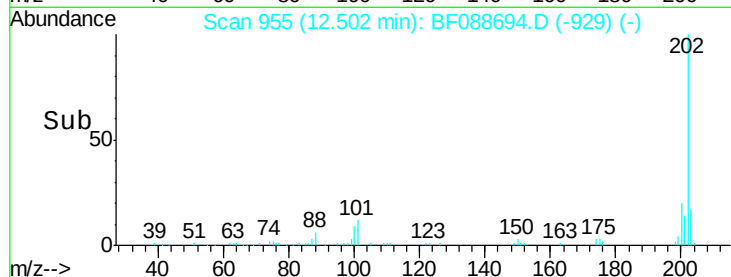
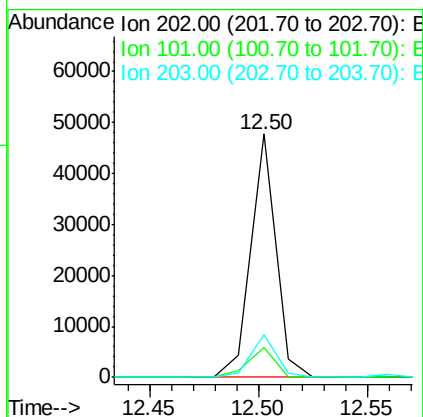
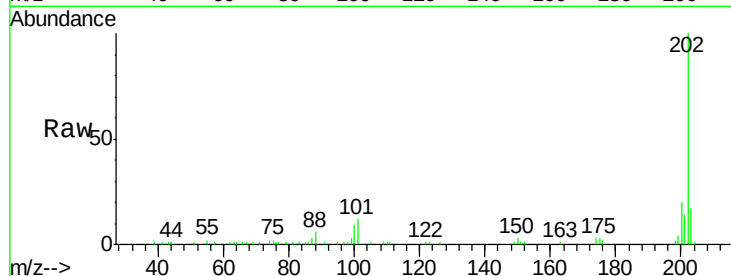
E9-B3(0-11)C

Tot Ion:	202	Resp:	38226
Ion Ratio	Lower	Upper	
202	100		
101	12.1	0.0	33.1
203	17.5	0.0	38.1

Manual Integrations

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#75

Chrysene-d12

Concen: 20.00 ng

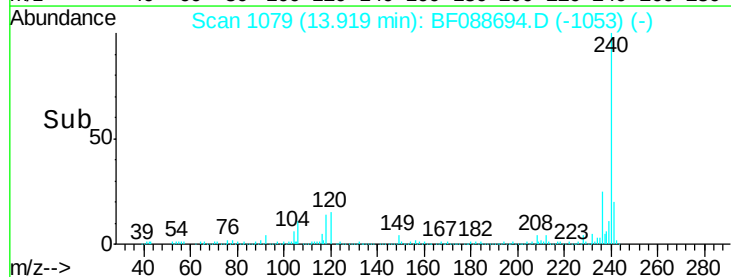
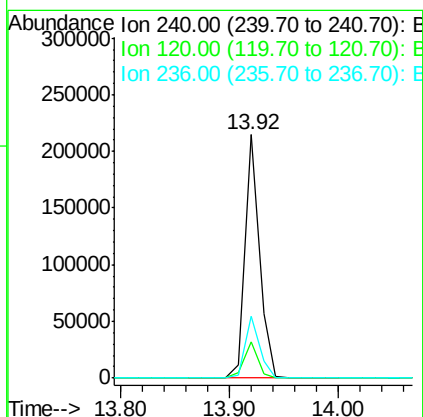
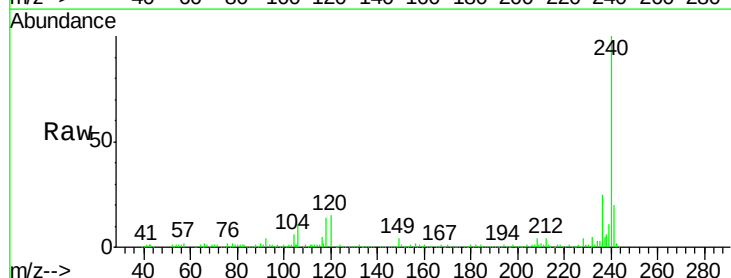
RT: 13.92 min Scan# 1079

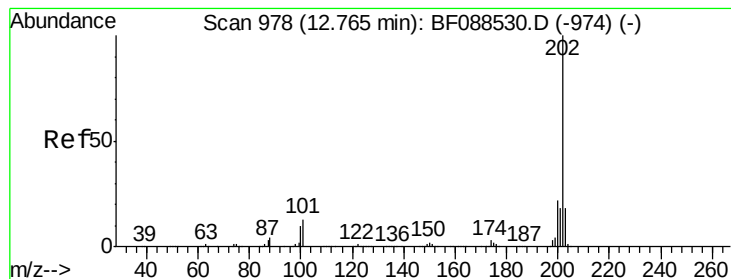
Delta R.T. 0.00 min

Lab File: BF088694.D

Acq: 4 Jul 2016 14:32

Tgt Ion:	240	Resp:	196051
Ion Ratio	Lower	Upper	
240	100		
120	15.1	6.8	10.2#
236	25.3	20.2	30.2





#77

Pvrene

Concen: 2.01 ng

RT: 12.73 min Scan# 975

Delta R.T. 0.00 min

Lab File: BF088694.D

Acq: 4 Jul 2016 14:32

Instrument :

BNA_F

ClientSampleID :

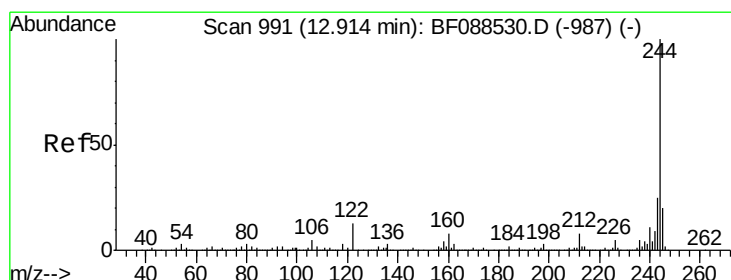
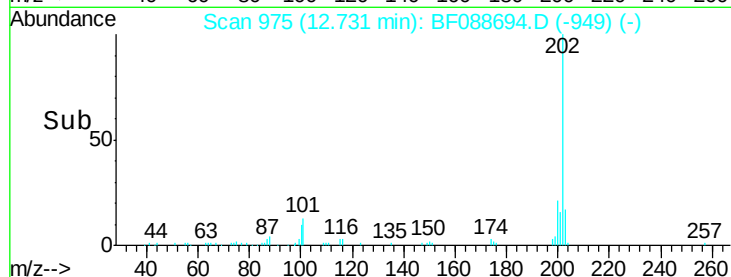
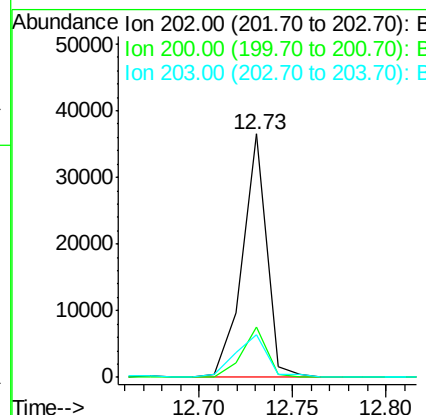
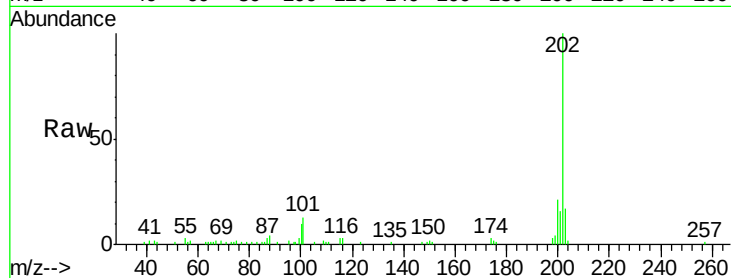
E9-B3(0-11)C

Tot Ion:	202	Resp:	33429
Ion Ratio	Lower	Upper	
202	100		
200	20.6	17.4	26.2
203	17.5	14.5	21.7

Manual Integrations

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#78

Terphenyl-d14

Concen: 63.46 ng

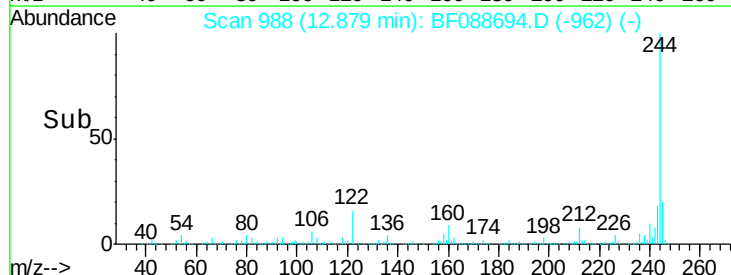
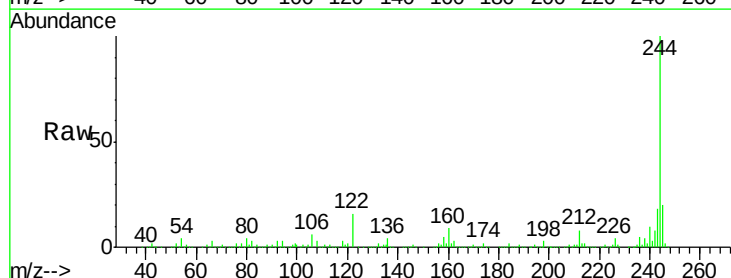
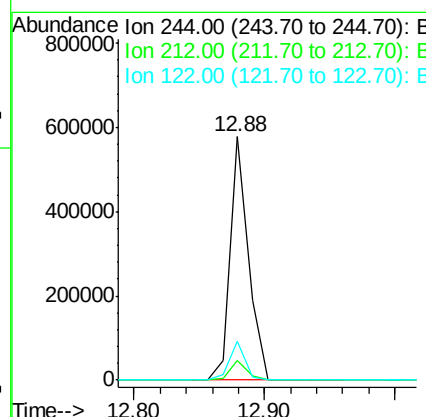
RT: 12.88 min Scan# 988

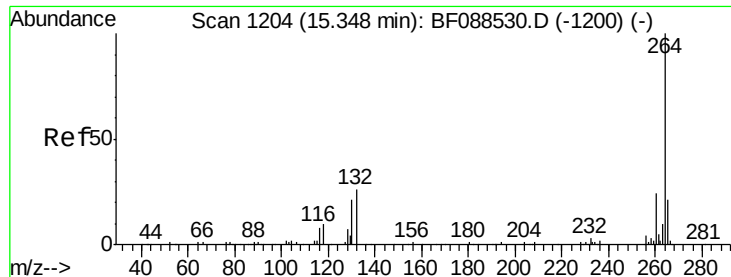
Delta R.T. 0.00 min

Lab File: BF088694.D

Acq: 4 Jul 2016 14:32

Tgt Ion:	244	Resp:	558612
Ion Ratio	Lower	Upper	
244	100		
212	7.9	6.0	9.0
122	15.8	11.2	16.8





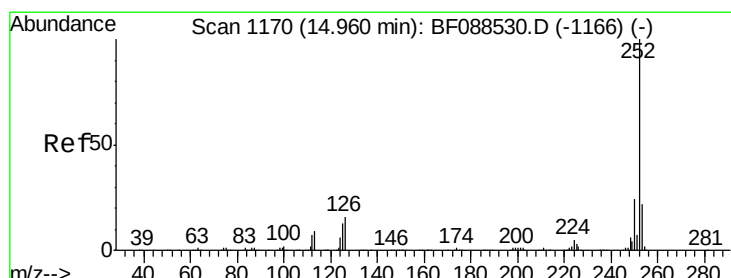
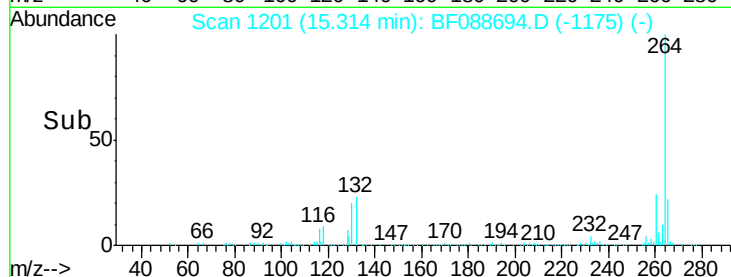
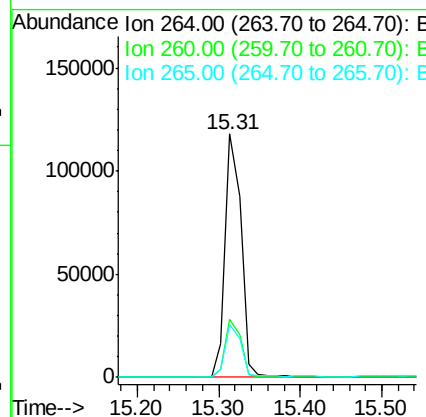
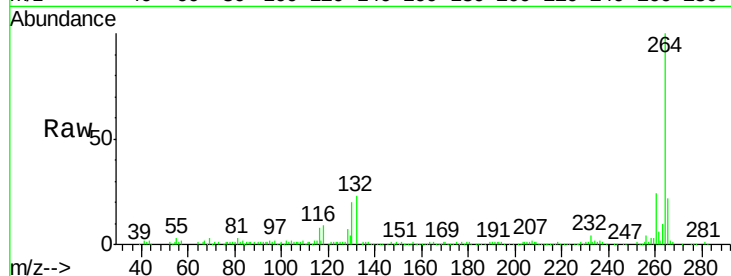
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BF088694.D
Acq: 4 Jul 2016 14:32

Instrument :
BNA_F
ClientSampleId :
E9-B3(0-11)C

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.6	16.9	25.3

Manual Integrations

umangi
7/5/2016 7:49:53 PM



#87
Benzo(b)fluoranthene
Concen: 2.01 ng m
RT: 14.93 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF088694.D
Acq: 4 Jul 2016 14:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.4	26.2
125	17.4	7.1	10.7#

