

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
 Data File : BF086428.D
 Acq On : 27 Apr 2016 17:10
 Operator : UM/SJ
 Sample : H2652-15 4X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B5(0-5)-C

Manual Integrations
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Quant Time: Apr 27 18:25:32 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	115002	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	506233	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	197163	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	310302	20.00	ng	0.00
75) Chrysene-d12	13.95	240	282091	20.00	ng	-0.01
86) Perylene-d12	15.37	264	280215	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	285549	42.83	ng	0.00
7) Phenol-d6	6.43	99	402501	43.25	ng	-0.01
23) Nitrobenzene-d5	7.37	82	233211	24.83	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	62959	30.28	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	383734	26.70	ng	-0.01
78) Terphenyl-d14	12.91	244	252425	19.71	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.56	163	35892	2.42	ng	99
74) Fluoranthene	12.53	202	51684	3.14	ng	94
77) Pyrene	12.75	202	51575	2.54	ng	96
80) Benzo(a)anthracene	13.94	228	34975	2.33	ng	# 88
87) Benzo(b)fluoranthene	14.97	252	39114m	2.37	ng	

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

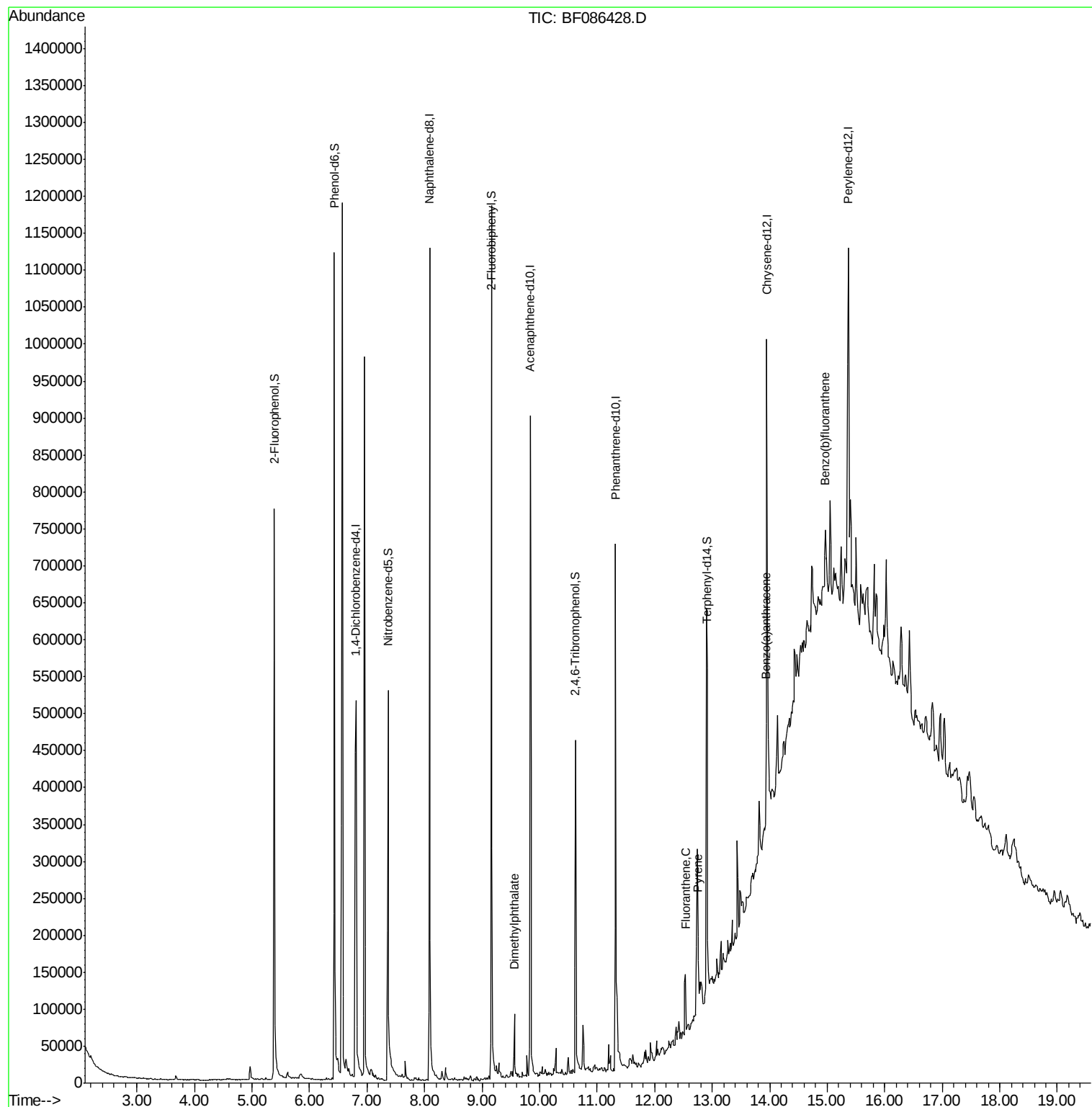
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086428.D
Acq On : 27 Apr 2016 17:10
Operator : UM/SJ
Sample : H2652-15 4X
Misc :
ALS Vial : 4 Sample Multiplier: 1

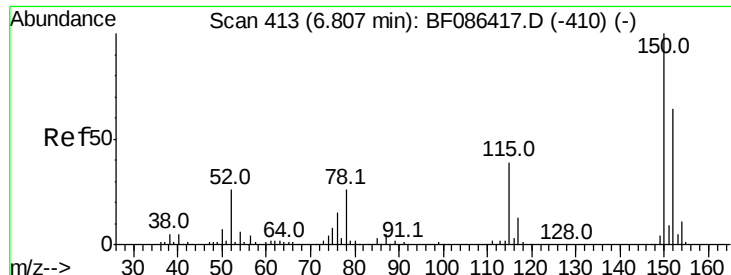
Instrument :
BNA_F
ClientSampleId :
WPG-B5(0-5)-C

Manual Integrations
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Quant Time: Apr 27 18:25:32 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

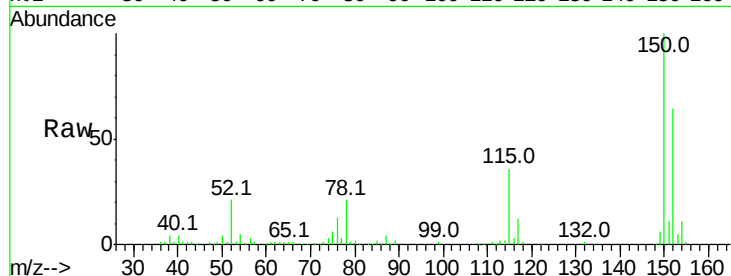
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. 0.00 min
Lab File: BF086428.D
Acq: 27 Apr 2016 17:10

Instrument :
BNA_F
ClientSampleId :
WPG-B5(0-5)-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	125.8	188.6
115	55.7	51.5	77.3

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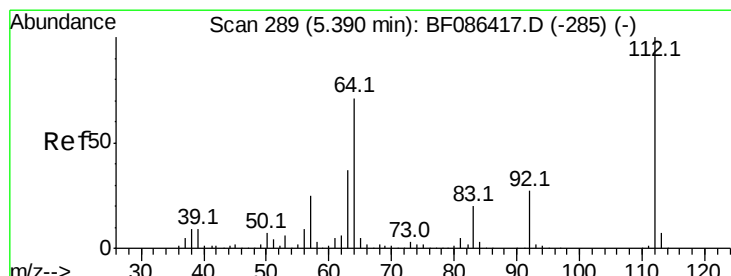
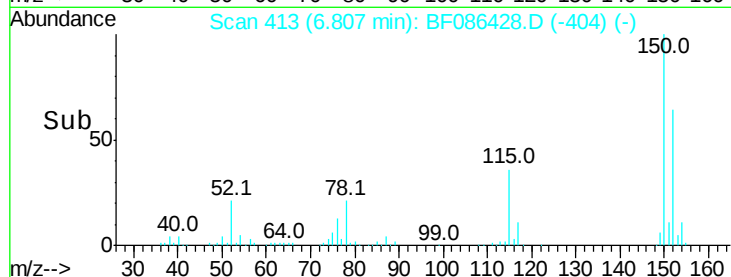
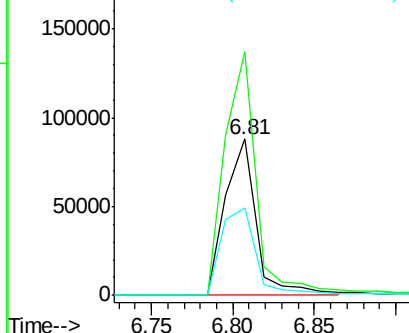


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

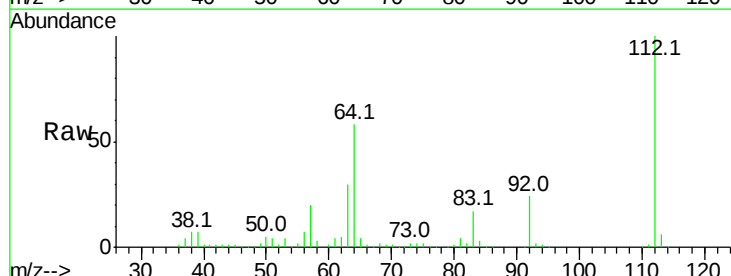
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 42.83 ng
RT: 5.39 min Scan# 289
Delta R.T. 0.00 min
Lab File: BF086428.D
Acq: 27 Apr 2016 17:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.9	52.1	78.1
63	30.3	25.7	38.5

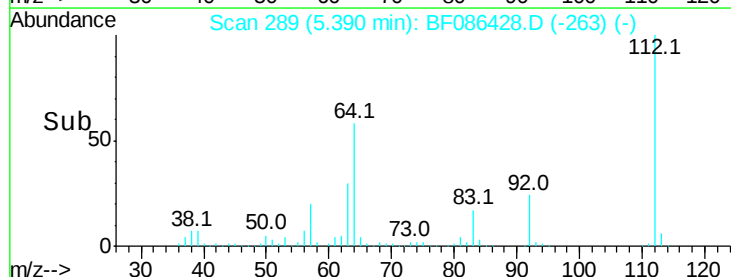
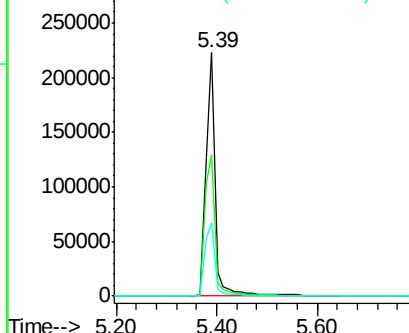


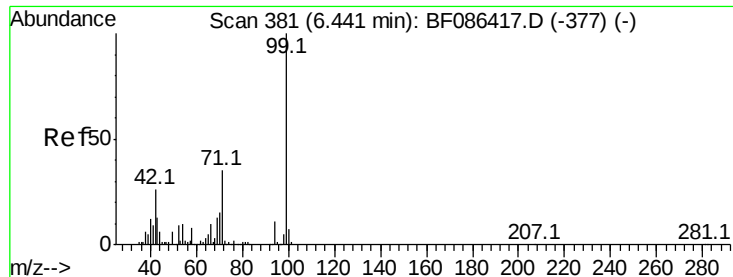
Abundance

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: 43.25 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF086428.D

Acq: 27 Apr 2016 17:10

Instrument :

BNA_F

ClientSampleId :

WPG-B5(0-5)-C

Tot Ion: 99 Resp: 402501

Ion Ratio Lower Upper

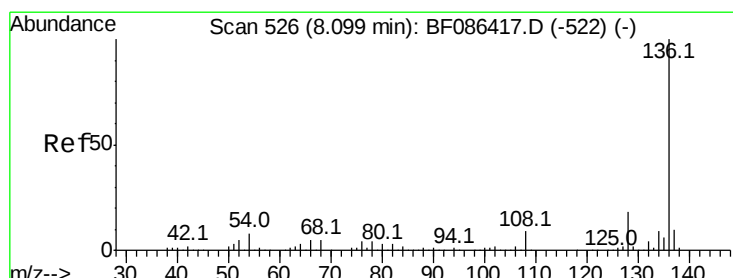
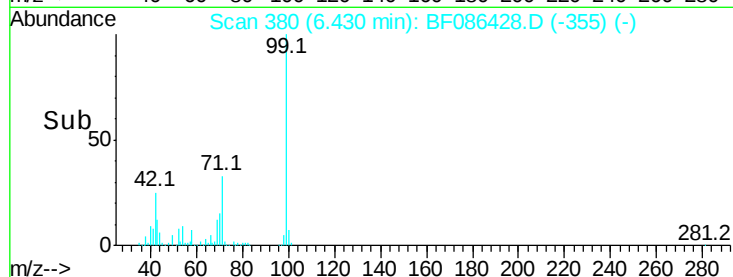
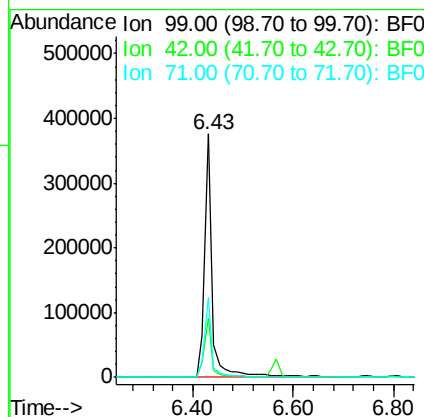
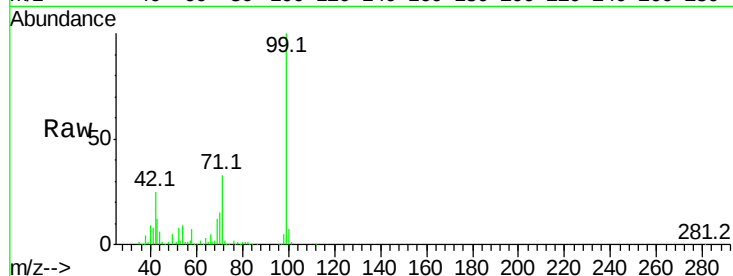
99 100

42 24.6 13.6 20.4#

71 32.6 24.6 36.8

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.01 min

Lab File: BF086428.D

Acq: 27 Apr 2016 17:10

Tgt Ion: 136 Resp: 506233

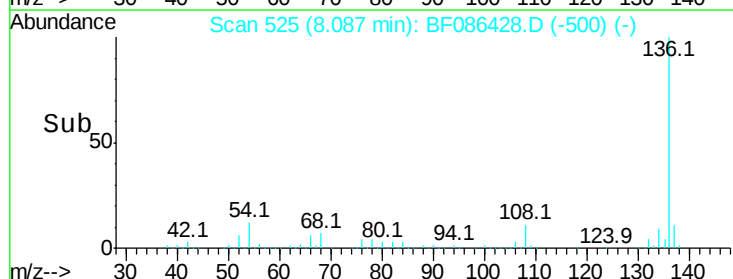
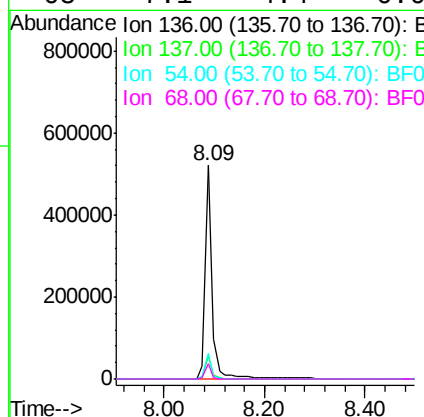
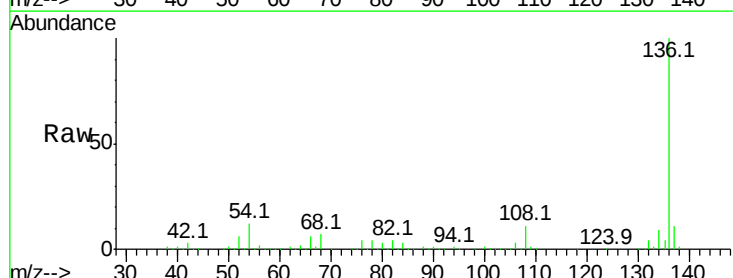
Ion Ratio Lower Upper

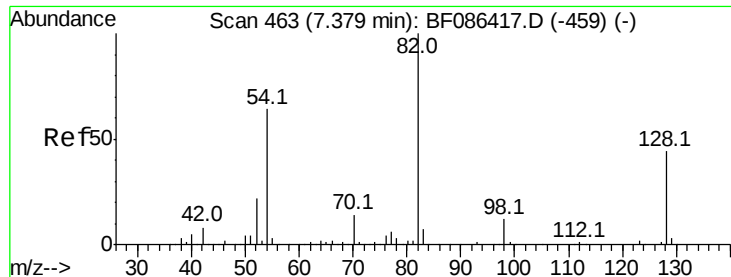
136 100

137 11.0 8.8 13.2

54 12.1 5.0 7.4#

68 7.1 4.4 6.6#





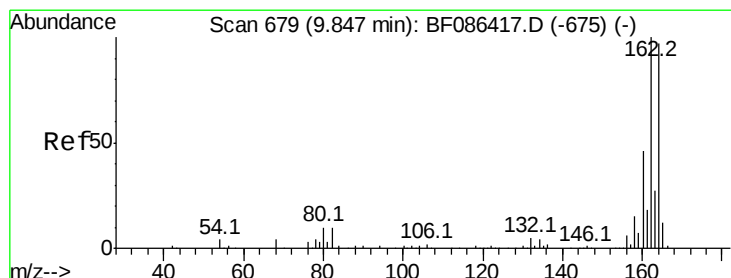
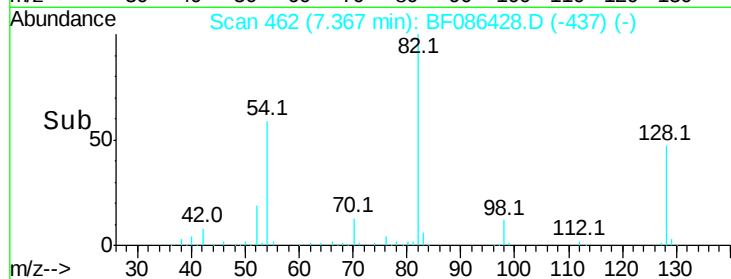
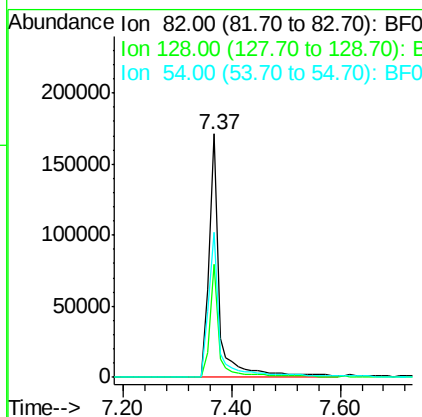
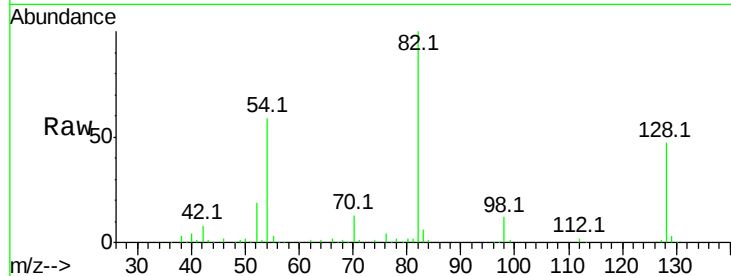
#23
 Nitrobenzene-d5
 Concen: 24.83 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF086428.D
 Acq: 27 Apr 2016 17:10

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B5(0-5)-C

Tot Ion	Ratio	Resp	Lower	Upper
82	100	233211		
128	46.5	40.6	61.0	
54	59.5	38.1	57.1	

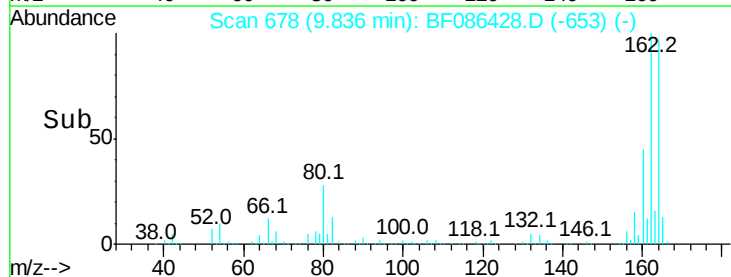
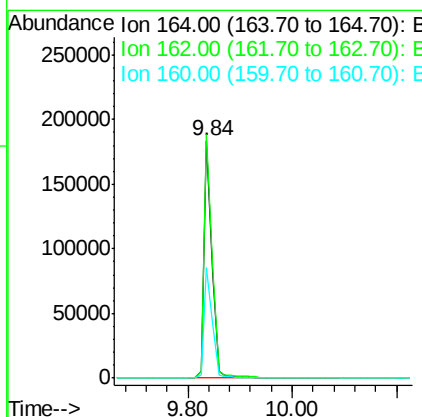
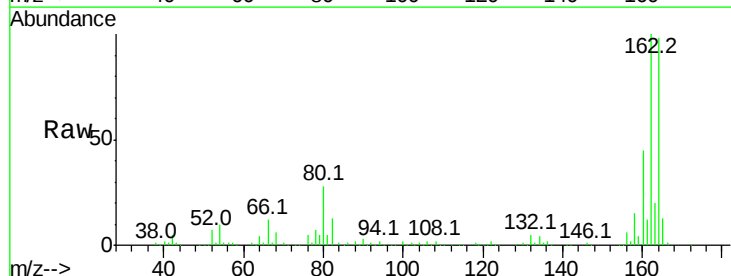
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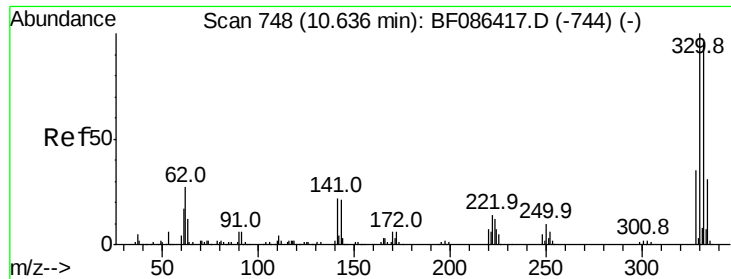
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.01 min
 Lab File: BF086428.D
 Acq: 27 Apr 2016 17:10

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	197163		
162	102.4	82.8	124.2	
160	46.4	36.9	55.3	





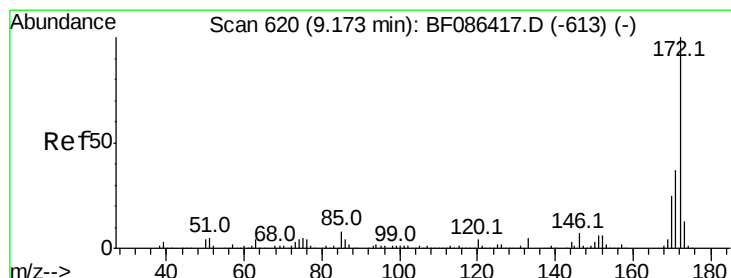
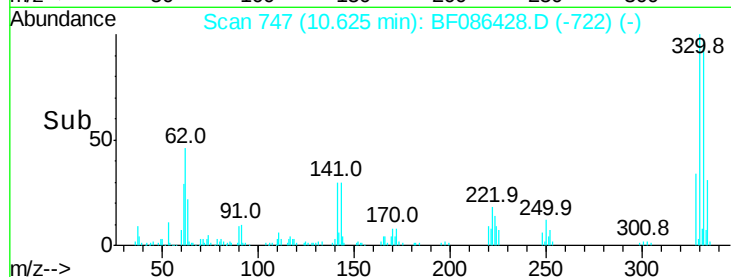
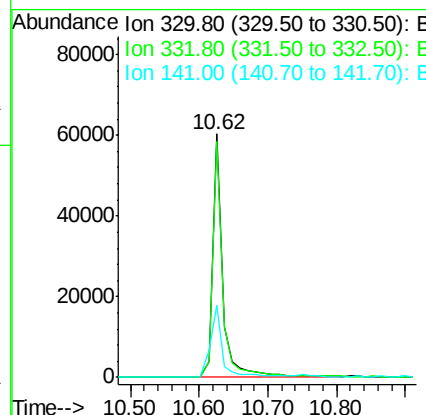
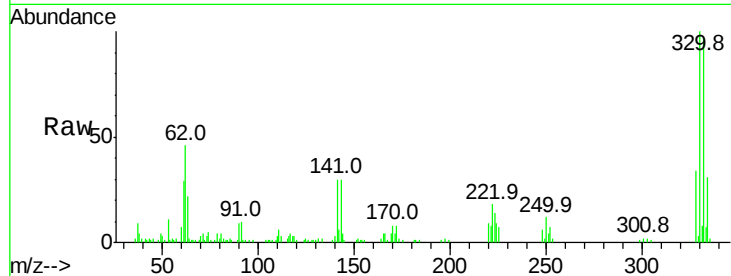
#41
 2,4,6-Tribromophenol
 Concen: 30.28 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.01 min
 Lab File: BF086428.D
 Acq: 27 Apr 2016 17:10

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B5(0-5)-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	79.0	118.4
141	35.0	31.2	46.8

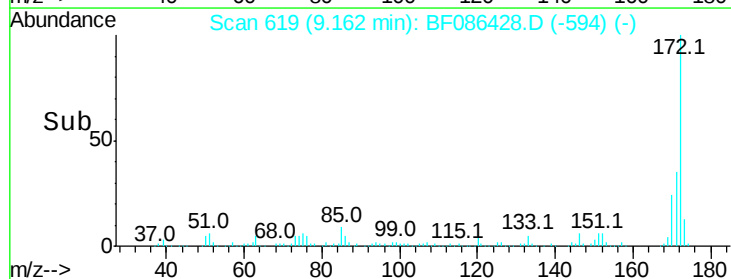
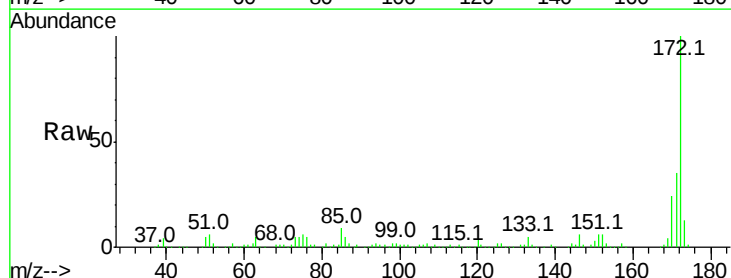
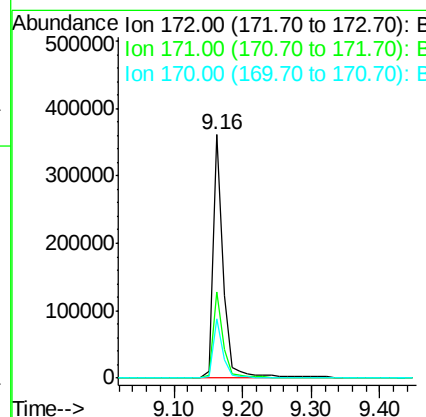
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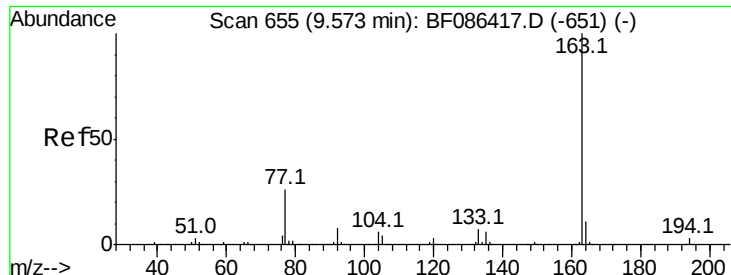
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#44
 2-Fluorobiphenyl
 Concen: 26.70 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.01 min
 Lab File: BF086428.D
 Acq: 27 Apr 2016 17:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.0	43.6
170	24.2	19.8	29.8





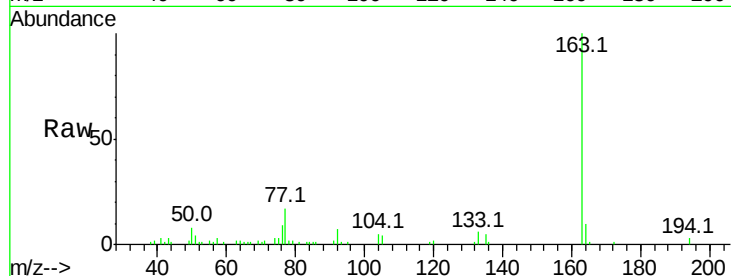
#49
Dimethylphthalate
Concen: 2.42 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF086428.D
Acq: 27 Apr 2016 17:10

Instrument :
BNA_F
ClientSampleId :
WPG-B5(0-5)-C

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.3	2.6	4.0	
164	9.9	8.2	12.4	

Manual Integrations
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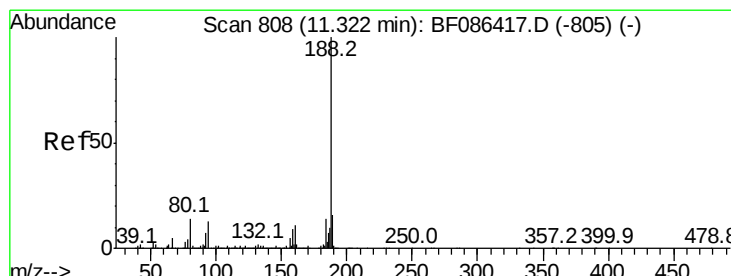
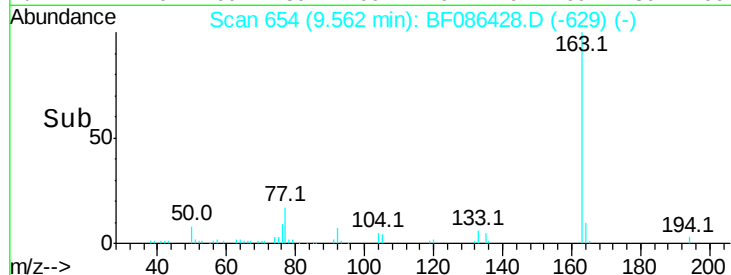
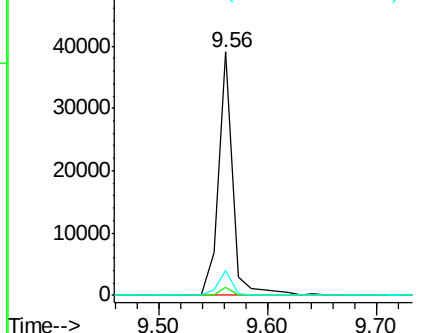


Abundance

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: 11.32 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF086428.D
Acq: 27 Apr 2016 17:10

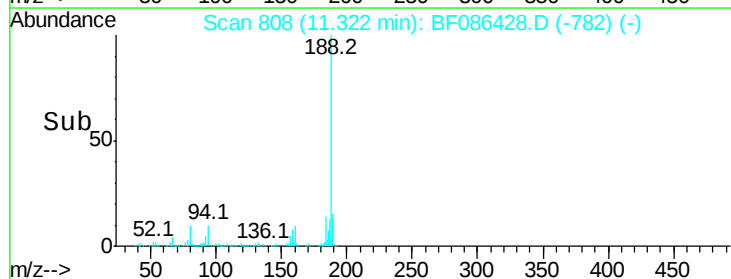
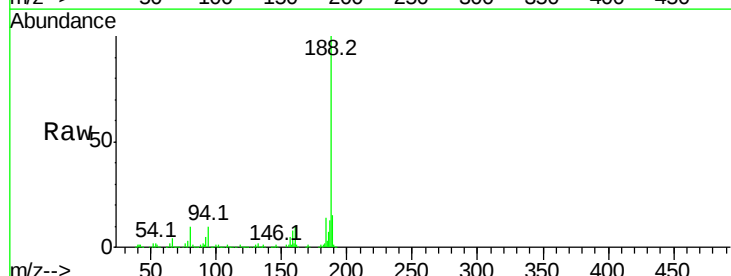
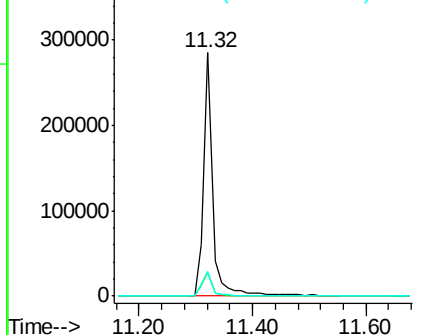
Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.8	6.8	10.2	
80	10.3	7.1	10.7	

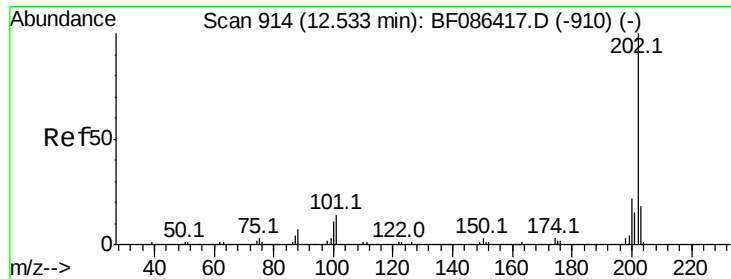
Abundance

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: 3.14 ng

RT: 12.53 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF086428.D

Acq: 27 Apr 2016 17:10

Instrument :

BNA_F

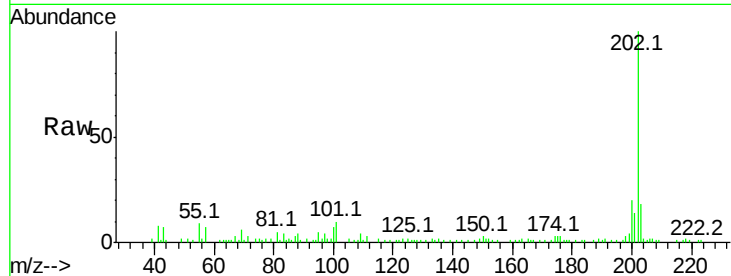
ClientSampleId :

WPG-B5(0-5)-C

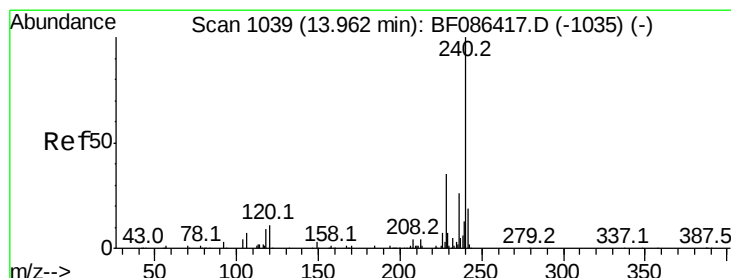
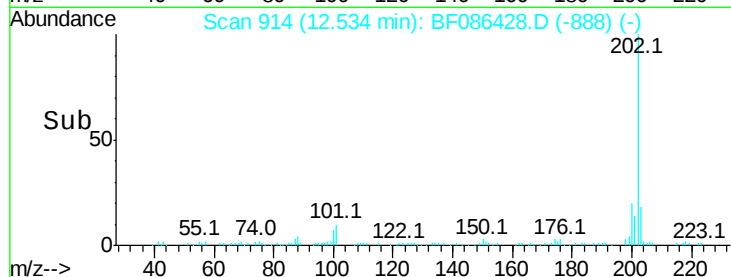
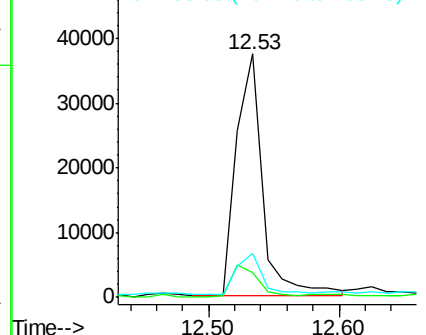
Tot Ion:	202	Resp:	51684
Ion Ratio	Lower	Upper	
202	100		
101	10.1	0.0	35.4
203	18.2	0.0	38.1

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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

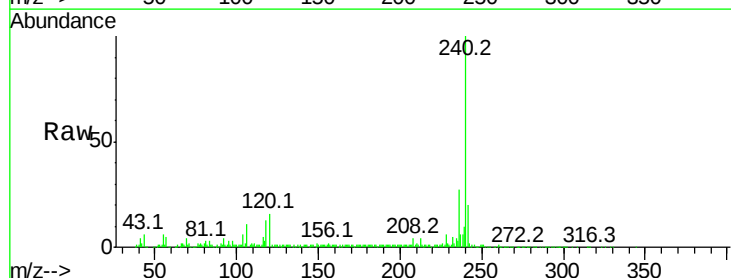
RT: 13.95 min Scan# 1038

Delta R.T. -0.01 min

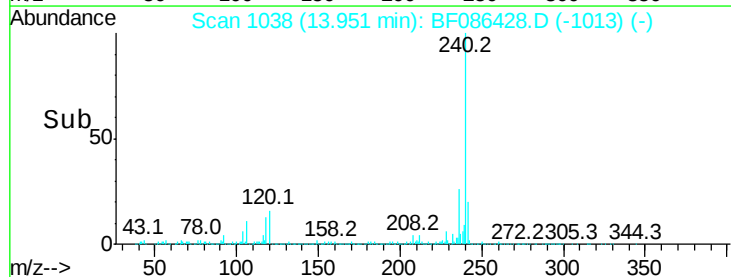
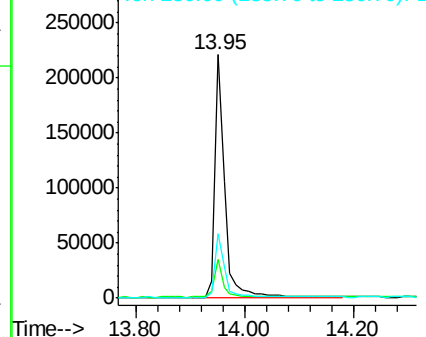
Lab File: BF086428.D

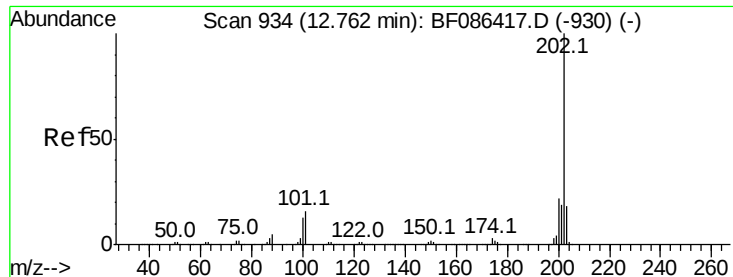
Acq: 27 Apr 2016 17:10

Tgt Ion:	240	Resp:	282091
Ion Ratio	Lower	Upper	
240	100		
120	16.0	11.2	16.8
236	26.7	21.2	31.8



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: 2.54 ng

RT: 12.75 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF086428.D

Acq: 27 Apr 2016 17:10

Instrument :

BNA_F

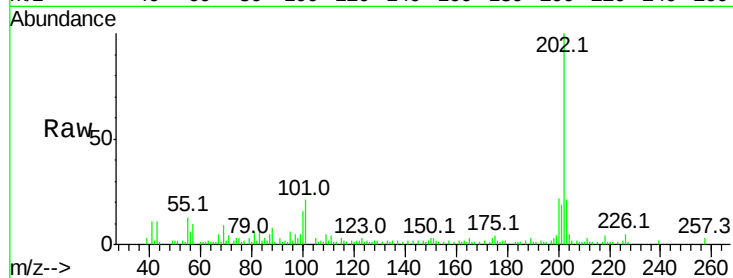
ClientSampleId :

WPG-B5(0-5)-C

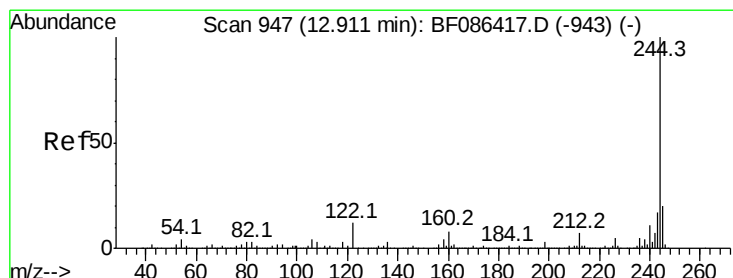
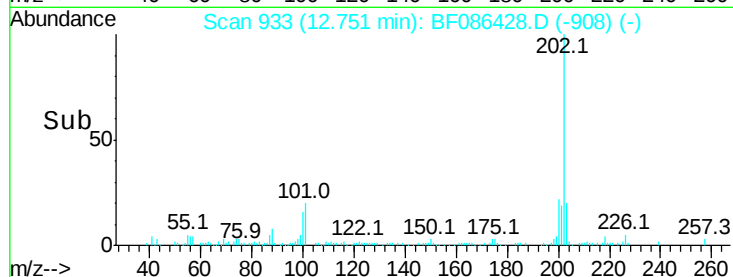
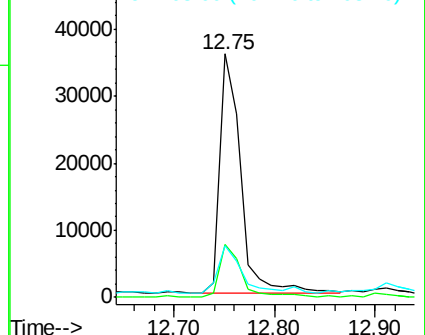
Tot Ion:	202	Resp:	51575
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.7	26.5
203	21.1	14.2	21.4

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 19.71 ng

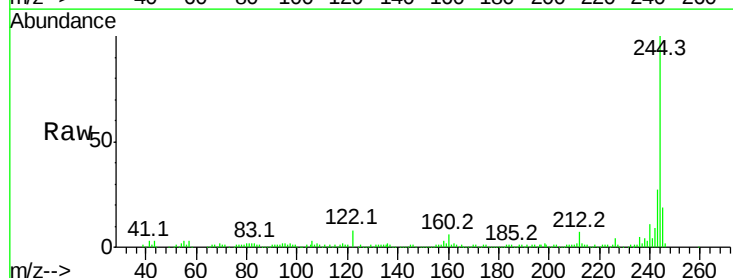
RT: 12.91 min Scan# 947

Delta R.T. 0.00 min

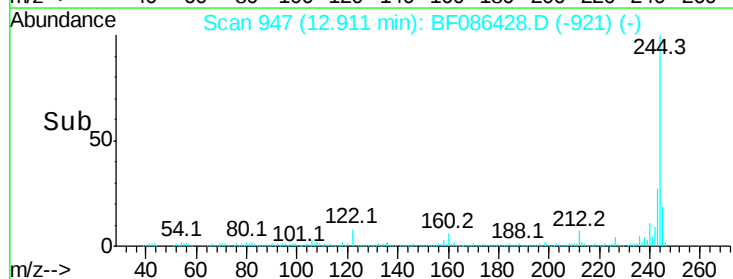
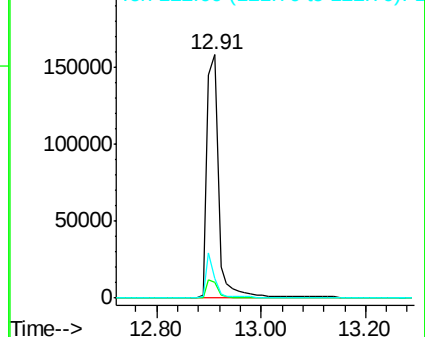
Lab File: BF086428.D

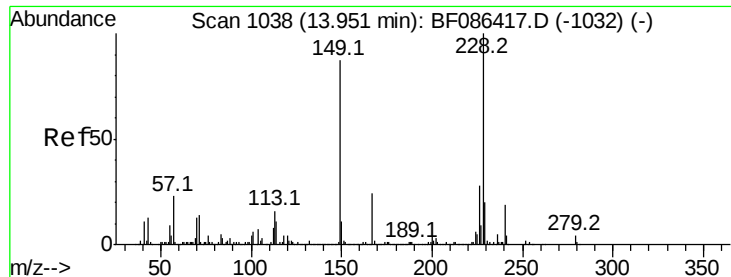
Acq: 27 Apr 2016 17:10

Tgt Ion:	244	Resp:	252425
Ion Ratio	Lower	Upper	
244	100		
212	6.6	6.2	9.2
122	8.0	12.0	18.0#



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





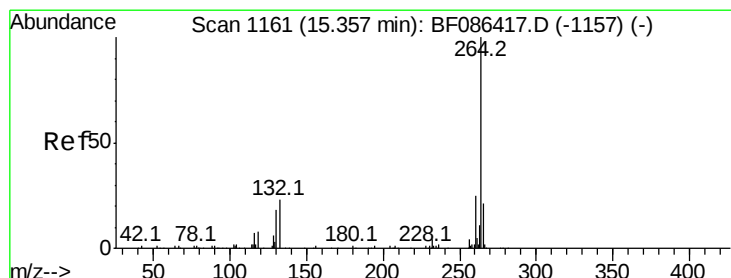
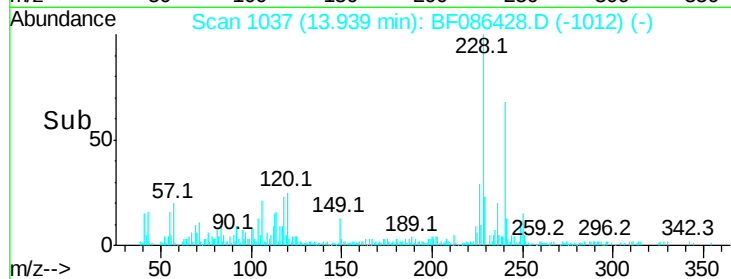
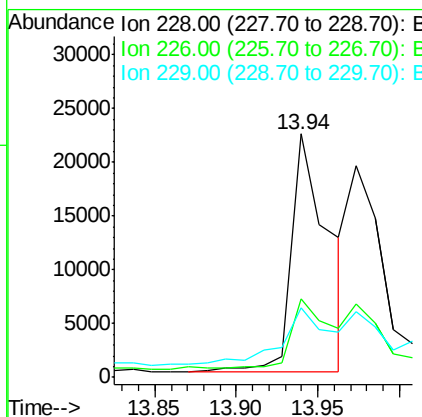
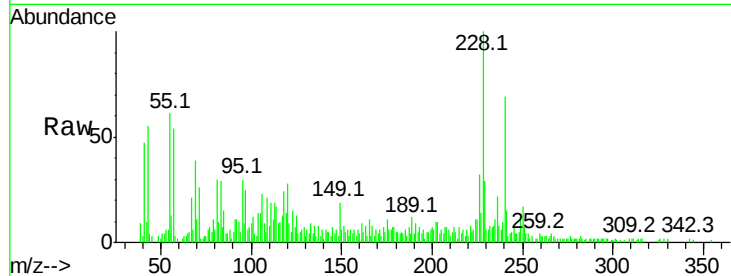
#80
Benzo(a)anthracene
Concen: 2.33 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF086428.D
Acq: 27 Apr 2016 17:10

Instrument :
BNA_F
ClientSampleId :
WPG-B5(0-5)-C

Tot Ion	Ratio	Resp	Lower	Upper
228	100	34975		
226	32.5		22.5	33.7
229	28.6		16.6	25.0

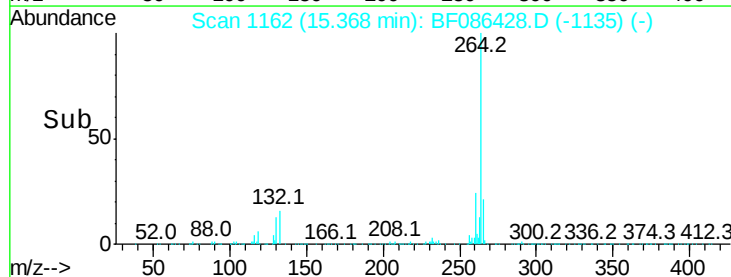
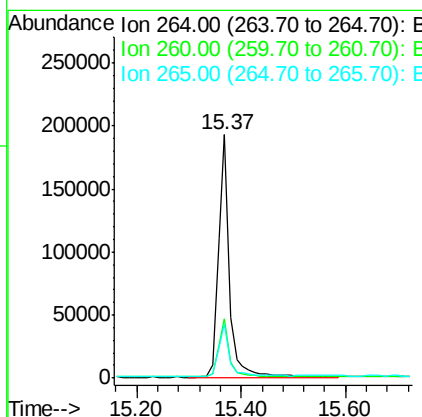
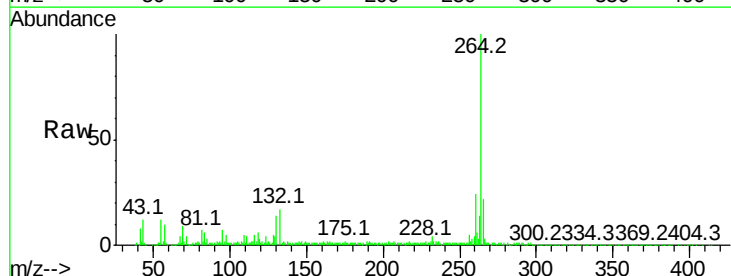
Manual Integrations
APPROVED

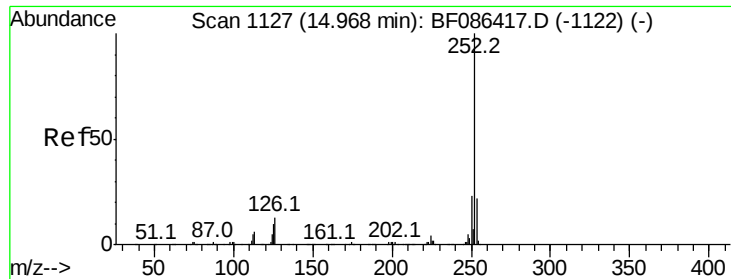
sohil
4/28/2016 1:40:05 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1162
Delta R.T. 0.01 min
Lab File: BF086428.D
Acq: 27 Apr 2016 17:10

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	280215		
260	24.3		19.5	29.3
265	22.2		17.3	25.9





#87
 Benzo(b)fluoranthene
 Concen: 2.37 ng m
 RT: 14.97 min Scan# 1127
 Delta R.T. 0.00 min
 Lab File: BF086428.D
 Acq: 27 Apr 2016 17:10

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B5(0-5)-C

Tot Ion	Ratio	Lower	Upper
252	100		
253	37.7	17.8	26.6#
125	30.3	11.4	17.0#

Manual Integrations
 APPROVED

sohil
 4/28/2016 1:40:05 PM

