

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122515\
 Data File : BF084147.D
 Acq On : 25 Dec 2015 23:59
 Operator : UM/SJ
 Sample : G4954-01
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-3(0-2)5W

Manual Integrations
 APPROVED

Sohil
 12/29/2015 9:34:00 AM

Quant Time: Dec 28 17:32:14 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 24 16:48:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	58038	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	214427	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	90555	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	141083	20.00	ng	0.00
75) Chrysene-d12	13.97	240	109354	20.00	ng	0.01
86) Perylene-d12	15.39	264	94632	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	436552	127.53	ng	0.00
7) Phenol-d6	6.45	99	541990	127.95	ng	0.00
23) Nitrobenzene-d5	7.37	82	380777	103.95	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	111931	115.91	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	556520	84.09	ng	0.00
78) Terphenyl-d14	12.90	244	363837	60.20	ng	0.00

Target Compounds						Qvalue
31) Naphthalene	8.11	128	1259190	110.38	ng	99
37) 2-Methylnaphthalene	8.80	142	255913	35.84	ng	98
45) 1,1'-Biphenyl	9.25	154	88233	10.79	ng	98
48) Acenaphthylene	9.70	152	20817	2.04	ng	# 84
49) Dimethylphthalate	9.56	163	117735	15.70	ng	# 92
51) Acenaphthene	9.87	154	356019	59.93	ng	99
54) Dibenzofuran	10.04	168	475755	58.24	ng	91
57) Fluorene	10.38	166	463534	66.76	ng	98
70) Phenanthrene	11.37	178	2581968	308.71	ng	96
71) Anthracene	11.40	178	782319m	89.45	ng	
72) Carbazole	11.55	167	267562	35.96	ng	98
74) Fluoranthene	12.56	202	2300824m	Below Cal		
77) Pyrene	12.79	202	1921413	203.66	ng	96
80) Benzo(a)anthracene	13.96	228	903541m	134.32	ng	
82) Chrysene	14.00	228	720741m	116.19	ng	
85) Indeno(1,2,3-cd)pyrene	16.80	276	314521	50.64	ng	# 93
87) Benzo(b)fluoranthene	14.99	252	728835m	103.71	ng	
88) Benzo(k)fluoranthene	15.00	252	341428m	71.69	ng	
89) Benzo(a)pyrene	15.35	252	572545	98.89	ng	97
90) Dibenzo(a,h)anthracene	16.80	278	81795m	14.48	ng	
91) Benzo(g,h,i)perylene	17.22	276	274273	47.56	ng	96

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

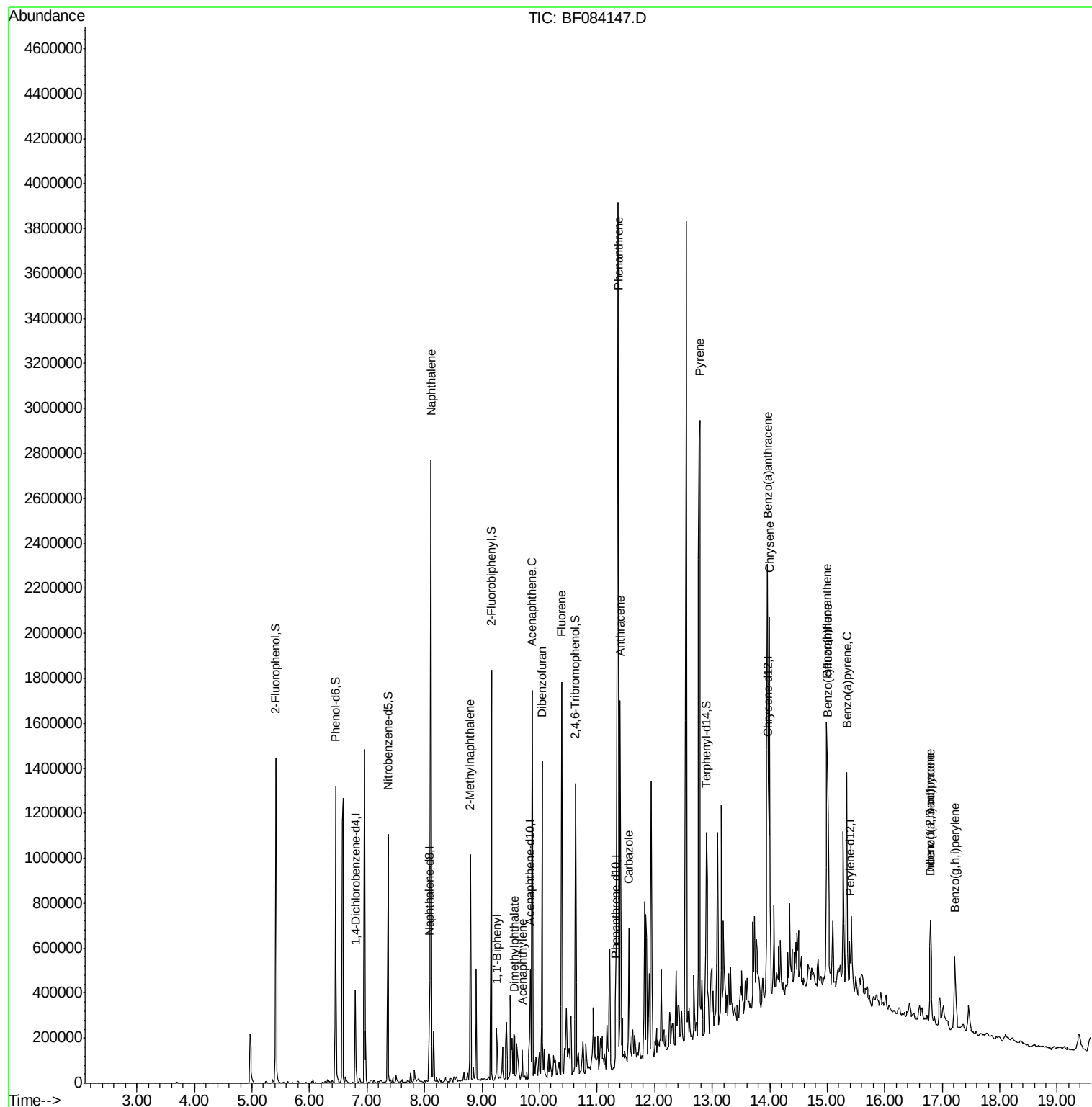
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122515\
Data File : BF084147.D
Acq On : 25 Dec 2015 23:59
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ALS Vial : 64 Sample Multiplier: 1

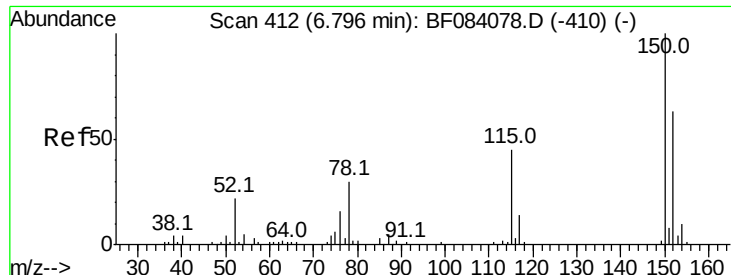
Instrument :
BNA_F
ClientSampleId :
SP-3(0-2)5W

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Quant Time: Dec 28 17:32:14 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 24 16:48:39 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF084147.D

Acq: 25 Dec 2015 23:59

Instrument :

BNA_F

ClientSampleId :

SP-3(0-2)5W

Tot Ion:152 Resp: 58038

Ion Ratio Lower Upper

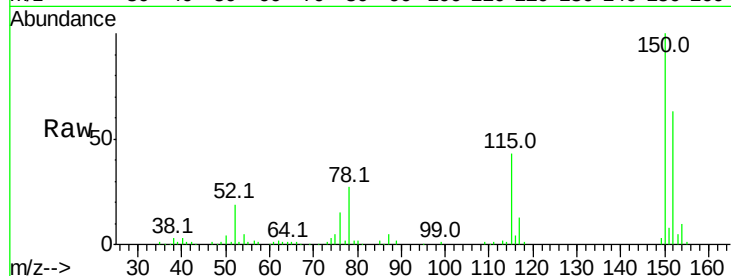
152 100

150 158.0 123.0 184.4

115 67.5 51.4 77.2

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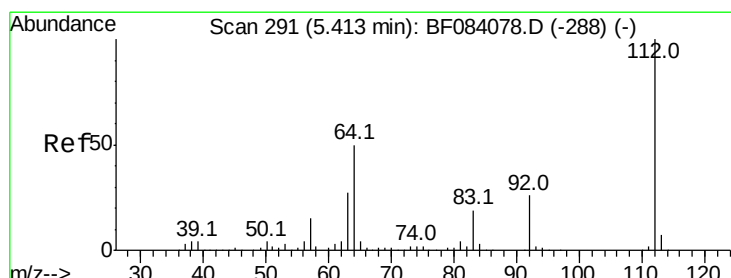
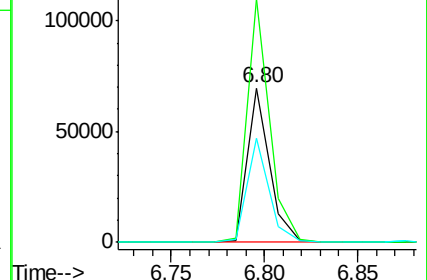
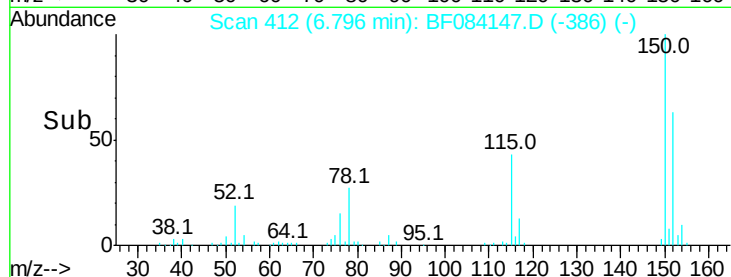
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 127.53 ng

RT: 5.41 min Scan# 291

Delta R.T. 0.00 min

Lab File: BF084147.D

Acq: 25 Dec 2015 23:59

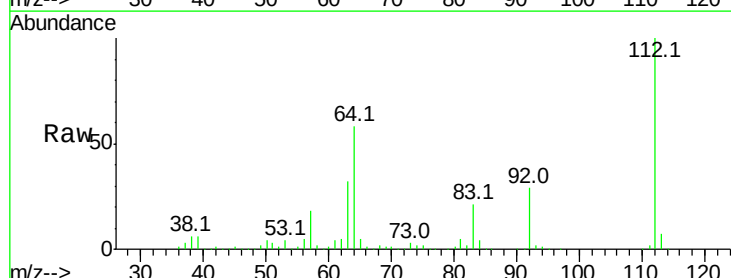
Tgt Ion:112 Resp: 436552

Ion Ratio Lower Upper

112 100

64 57.9 36.6 55.0#

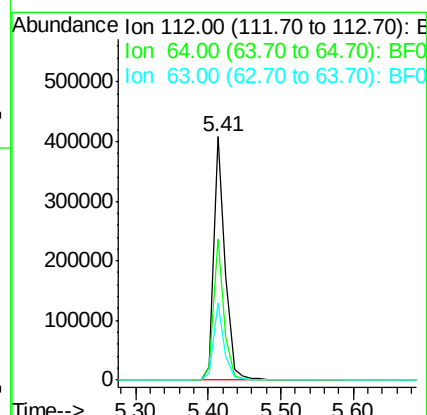
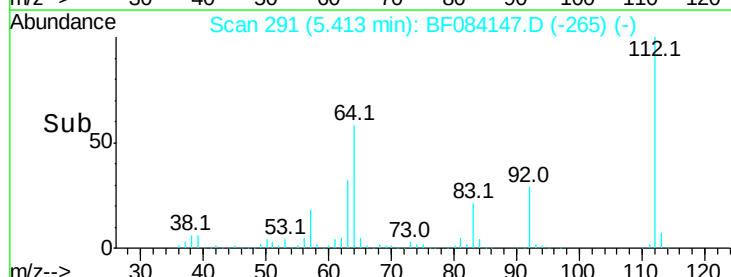
63 31.8 19.4 29.0#

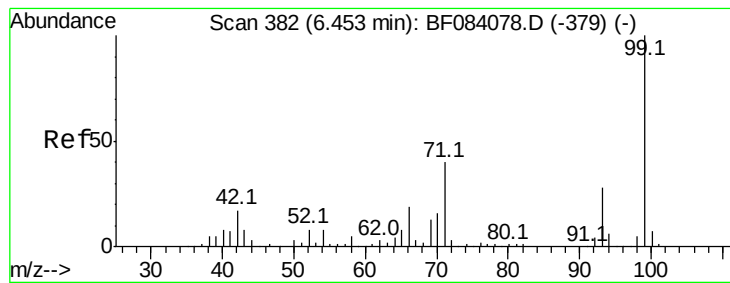


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 127.95 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF084147.D

Acq: 25 Dec 2015 23:59

Instrument :

BNA_F

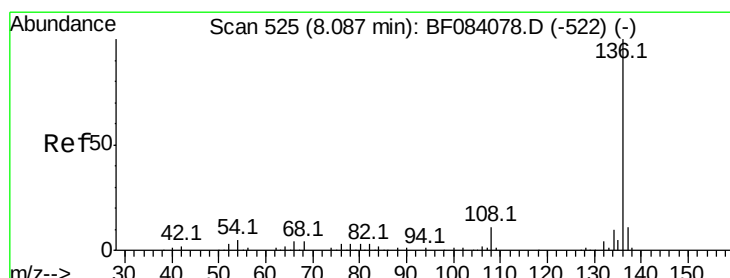
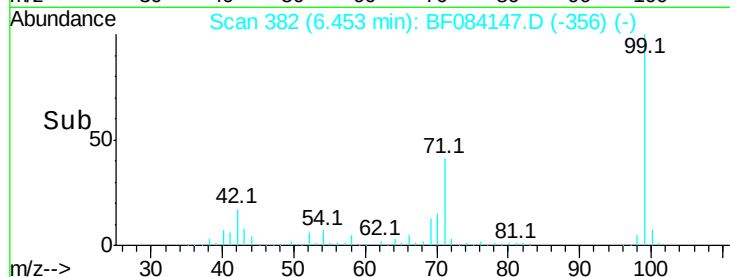
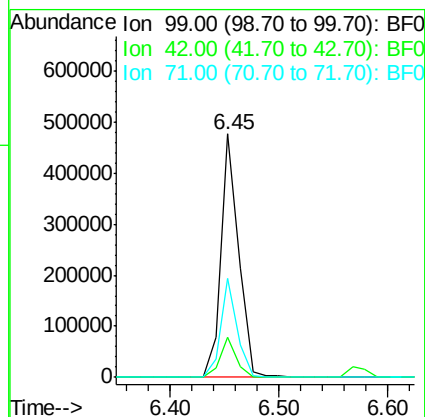
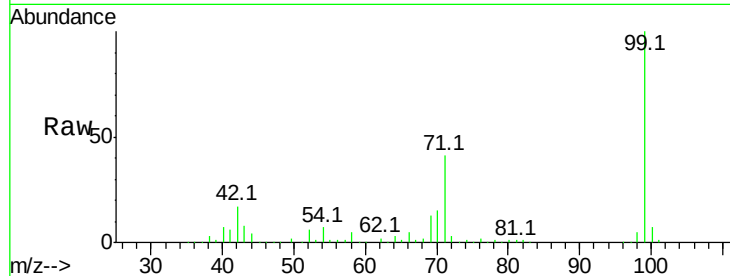
ClientSampleId :

SP-3(0-2)5W

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		541990		
42	16.5	12.8	19.2		
71	40.6	30.9	46.3		

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#21

Naphthalene-d8

Concen: 20.00 ng

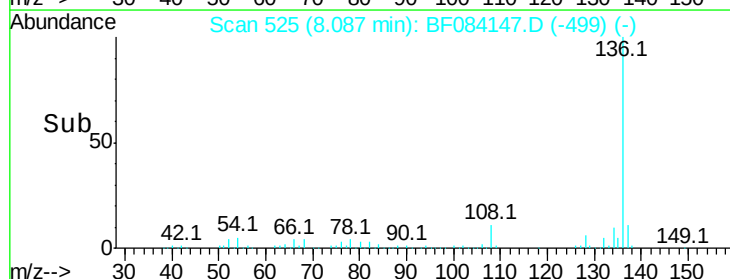
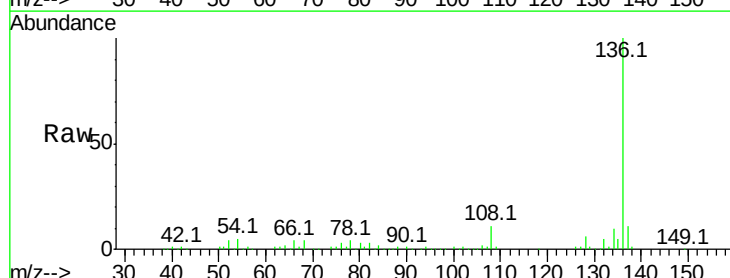
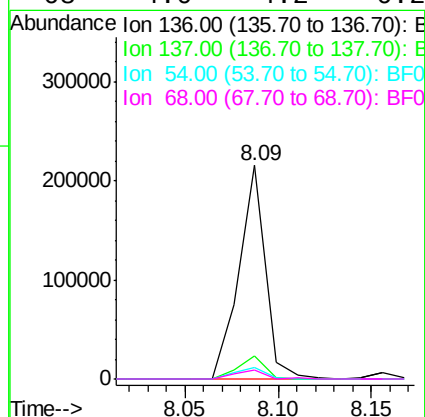
RT: 8.09 min Scan# 525

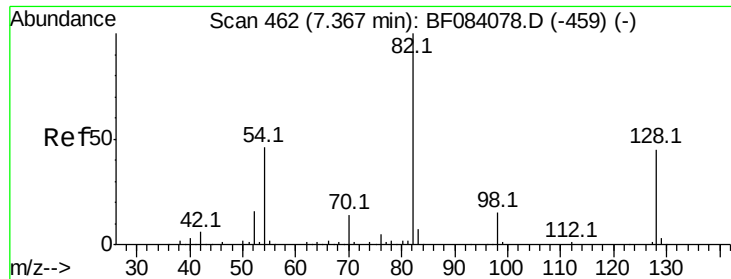
Delta R.T. 0.00 min

Lab File: BF084147.D

Acq: 25 Dec 2015 23:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		214427		
137	11.0	8.7	13.1		
54	5.4	5.8	8.8#		
68	4.0	4.2	6.2#		





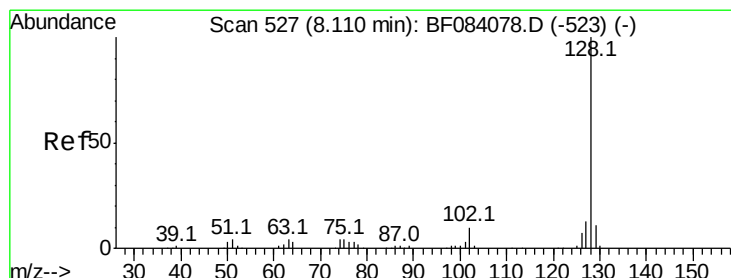
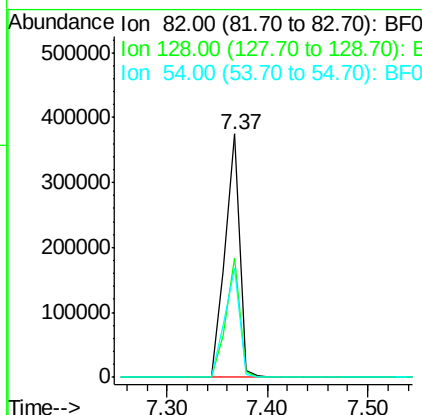
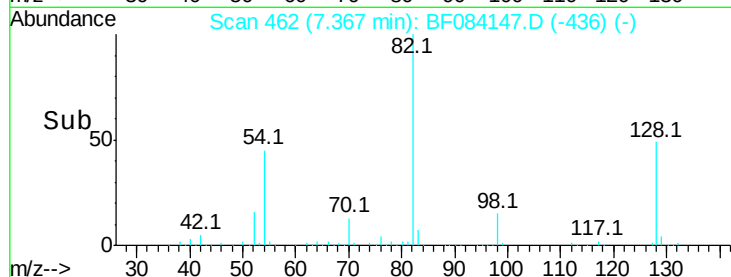
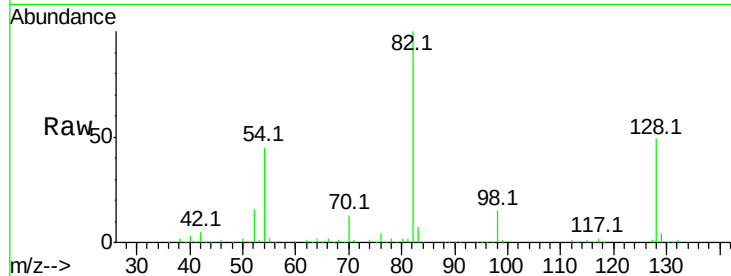
#23
 Nitrobenzene-d5
 Concen: 103.95 ng
 RT: 7.37 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: BF084147.D
 Acq: 25 Dec 2015 23:59

Instrument :
 BNA_F
 ClientSampleId :
 SP-3(0-2)5W

Tot Ion	82	Resp	380777
Ion Ratio	Lower	Upper	
82	100		
128	48.9	34.6	51.8
54	44.9	38.4	57.6

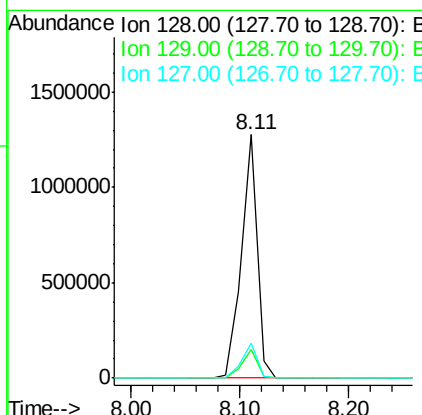
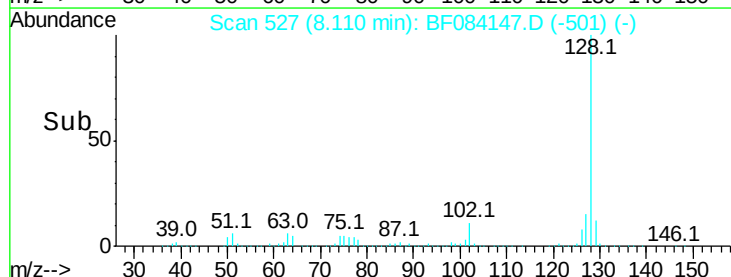
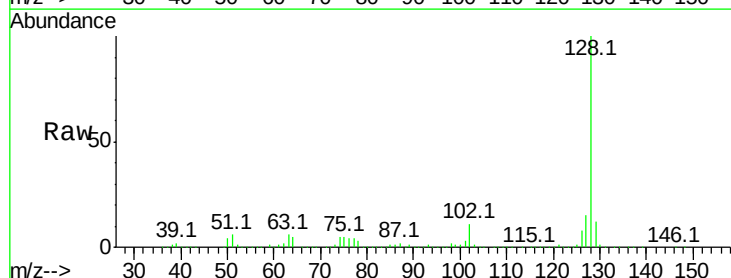
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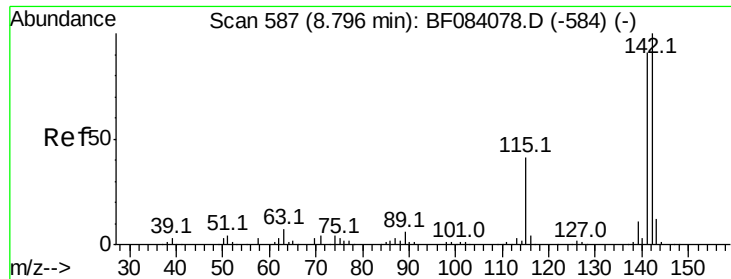
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#31
 Naphthalene
 Concen: 110.38 ng
 RT: 8.11 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: BF084147.D
 Acq: 25 Dec 2015 23:59

Tgt Ion	128	Resp	1259190
Ion Ratio	Lower	Upper	
128	100		
129	11.9	9.1	13.7
127	14.5	11.1	16.7





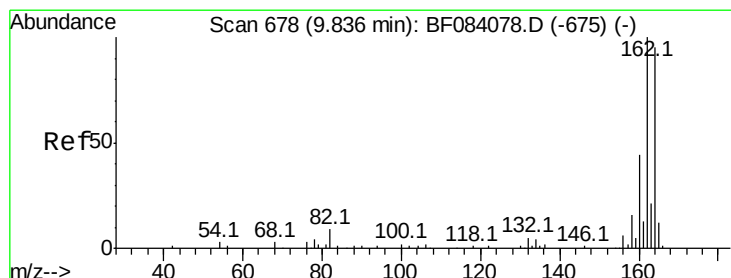
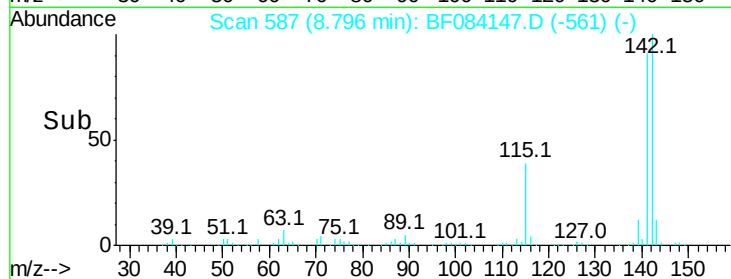
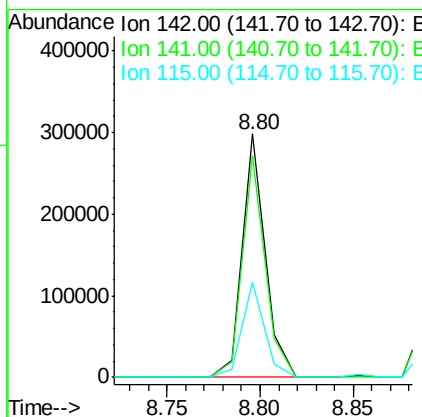
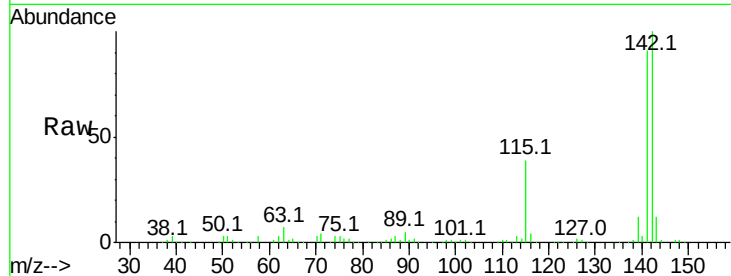
#37
 2-Methylnaphthalene
 Concen: 35.84 ng
 RT: 8.80 min Scan# 587
 Delta R.T. 0.00 min
 Lab File: BF084147.D
 Acq: 25 Dec 2015 23:59

Instrument :
 BNA_F
 ClientSampleId :
 SP-3(0-2)5W

Tot Ion	Ratio	Resp	Lower	Upper
142	100	255913		
141	91.0	72.4	108.6	
115	39.1	27.9	41.9	

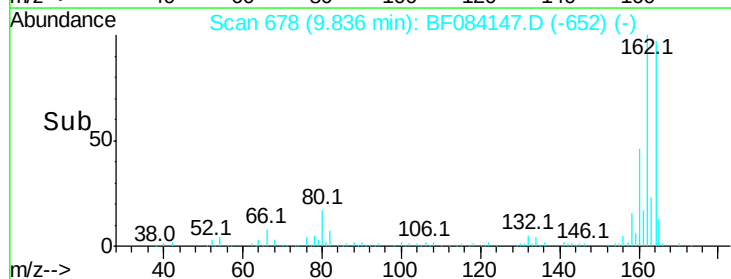
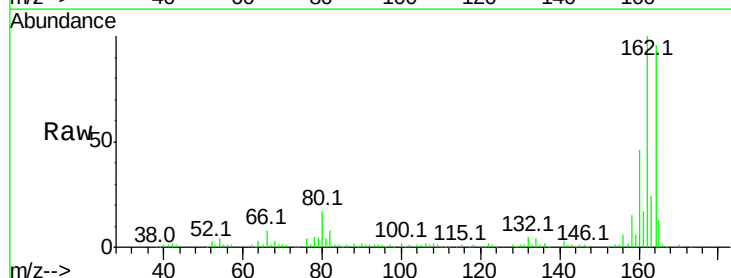
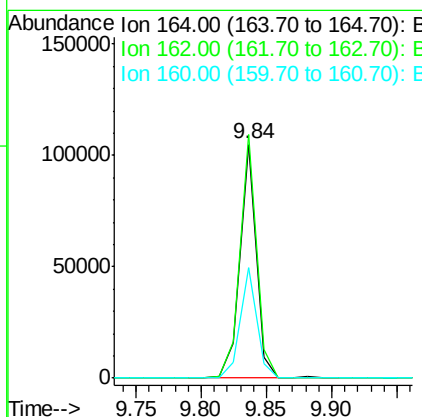
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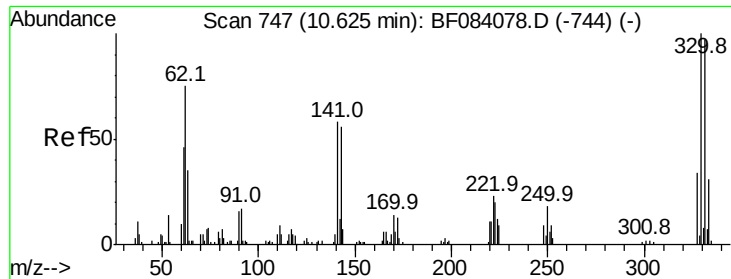
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: BF084147.D
 Acq: 25 Dec 2015 23:59

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	90555		
162	104.2	85.1	127.7	
160	47.5	37.5	56.3	





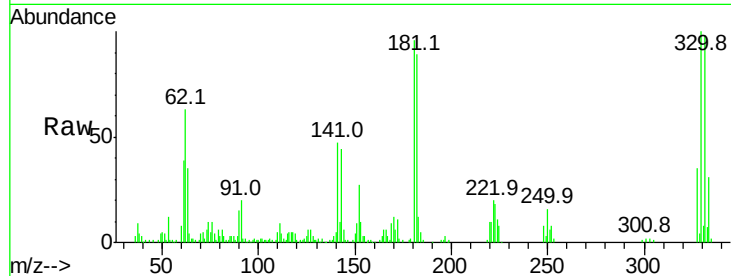
#41
 2,4,6-Tribromophenol
 Concen: 115.91 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF084147.D
 Acq: 25 Dec 2015 23:59

Instrument :
 BNA_F
 ClientSampleId :
 SP-3(0-2)5W

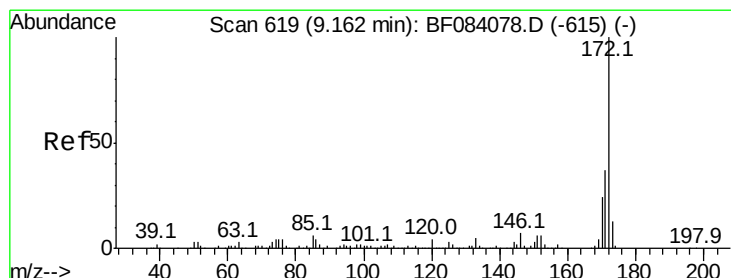
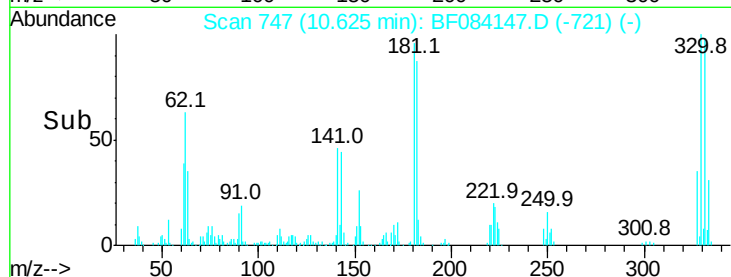
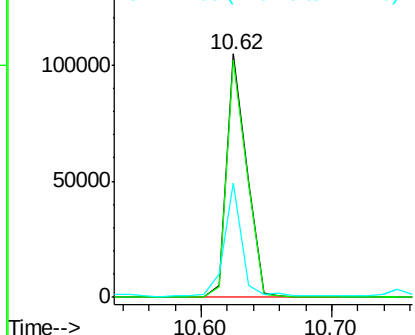
Tot Ion	Ratio	Resp	Lower	Upper
330	100	111931		
332	97.0	76.6	114.8	
141	41.4	27.8	41.6	

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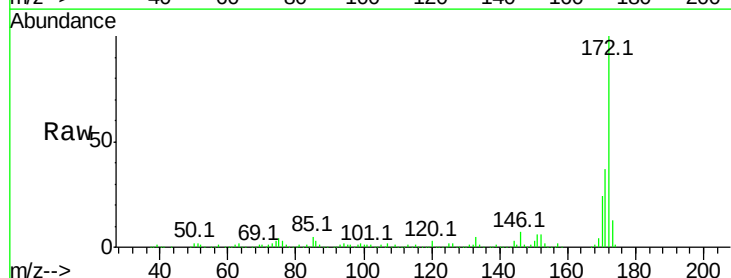


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

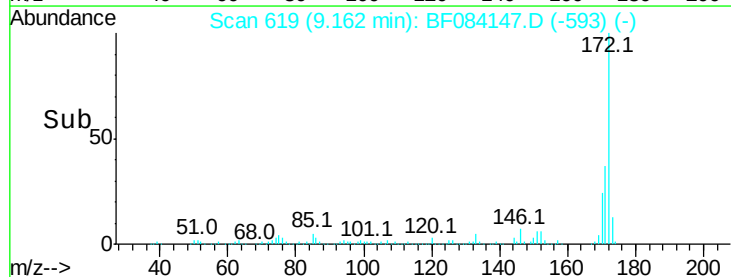
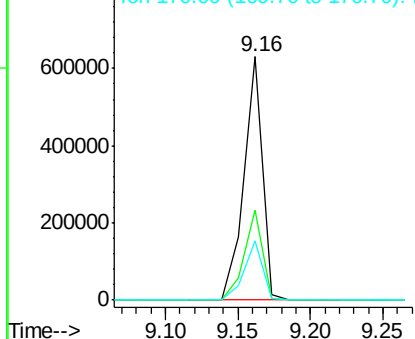


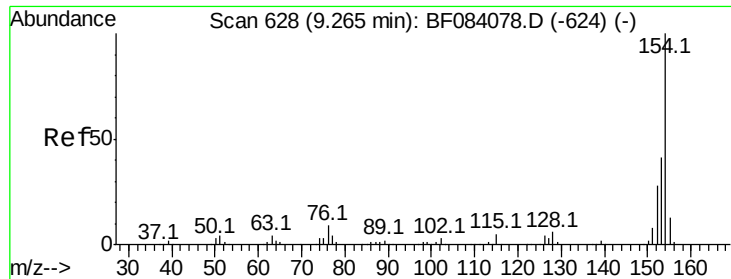
#44
 2-Fluorobiphenyl
 Concen: 84.09 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF084147.D
 Acq: 25 Dec 2015 23:59

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	556520		
171	36.8	28.9	43.3	
170	24.3	18.6	27.8	



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





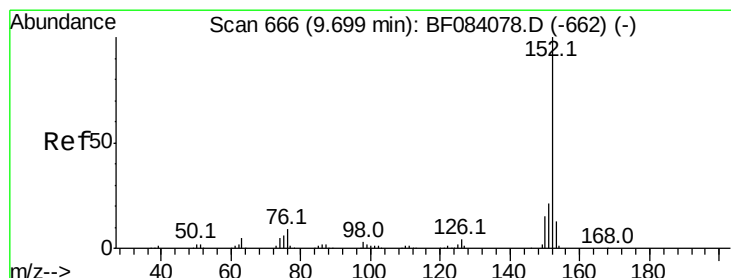
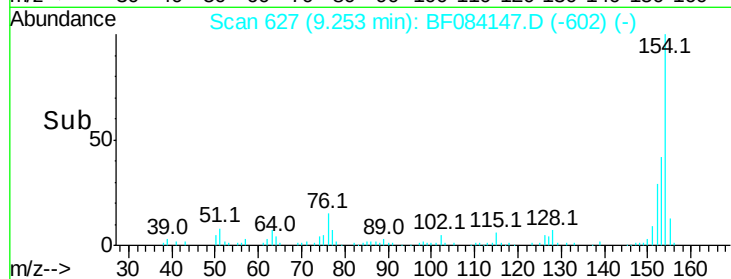
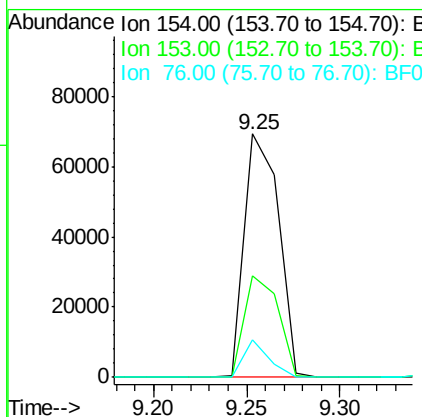
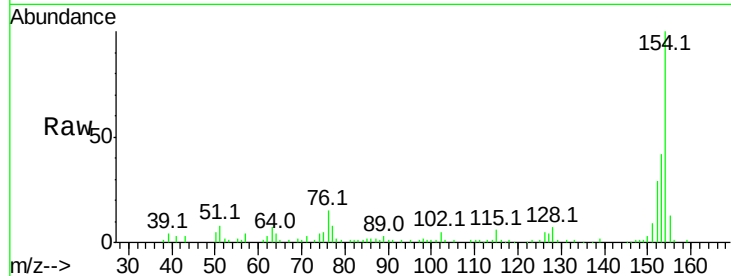
#45
1,1'-Biphenyl
Concen: 10.79 ng
RT: 9.25 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF084147.D
Acq: 25 Dec 2015 23:59

Instrument :
BNA_F
ClientSampleId :
SP-3(0-2)5W

Tot Ion:	154	Resp:	88233
Ion Ratio	Lower	Upper	
154	100		
153	41.8	21.6	61.6
76	15.3	0.0	32.7

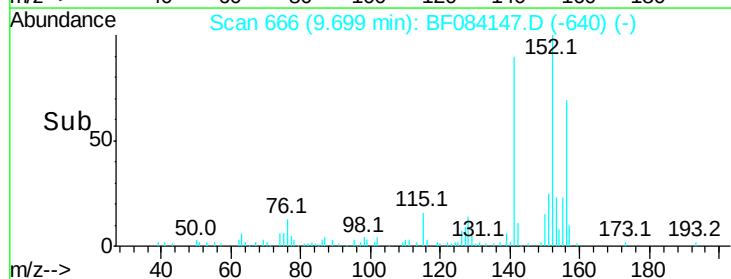
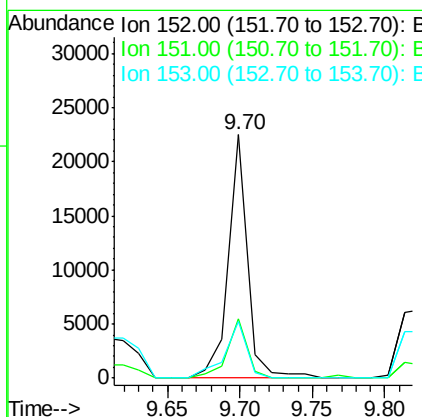
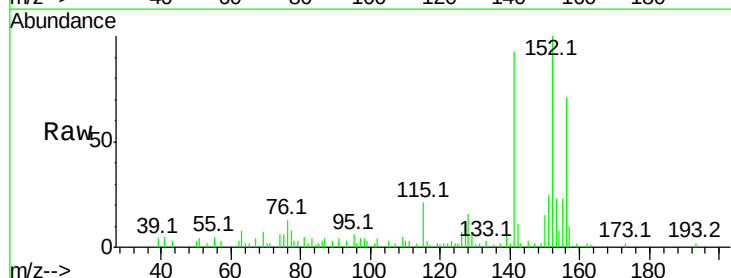
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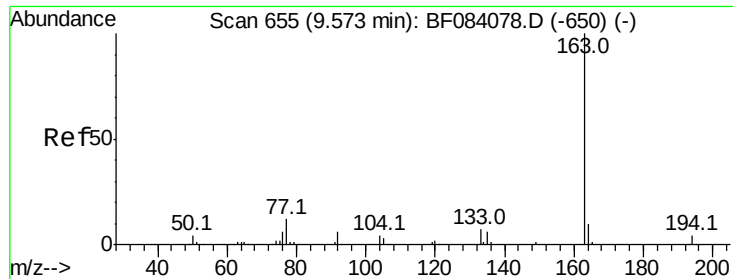
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#48
Acenaphthylene
Concen: 2.04 ng
RT: 9.70 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF084147.D
Acq: 25 Dec 2015 23:59

Tgt Ion:	152	Resp:	20817
Ion Ratio	Lower	Upper	
152	100		
151	24.6	16.3	24.5#
153	23.3	10.4	15.6#





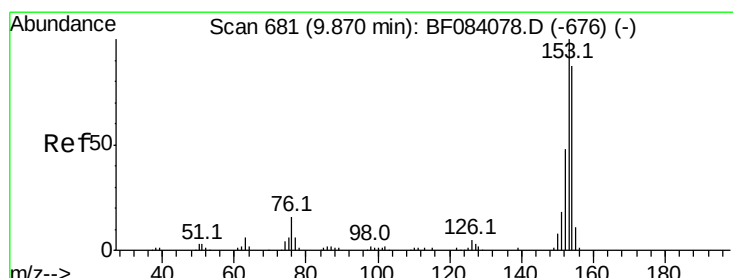
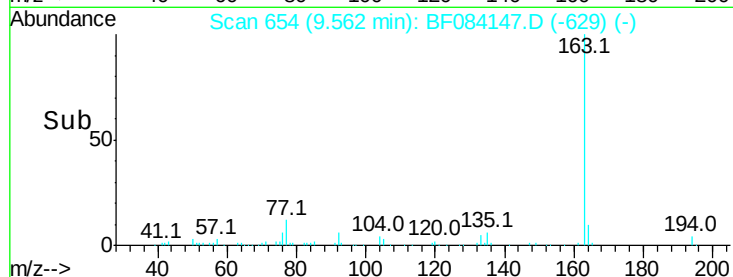
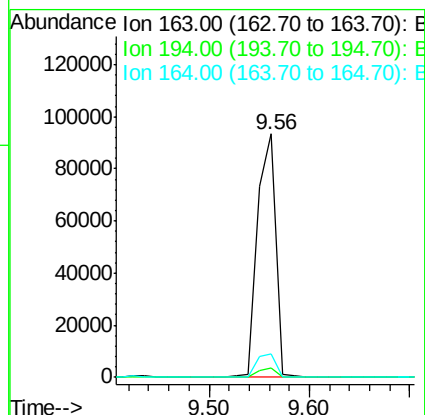
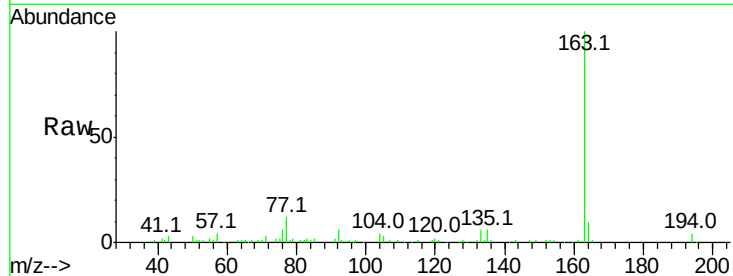
#49
Dimethylphthalate
Concen: 15.70 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF084147.D
Acq: 25 Dec 2015 23:59

Instrument :
BNA_F
ClientSampleId :
SP-3(0-2)5W

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	4.0	8.0	12.0#
164	9.7	8.0	12.0

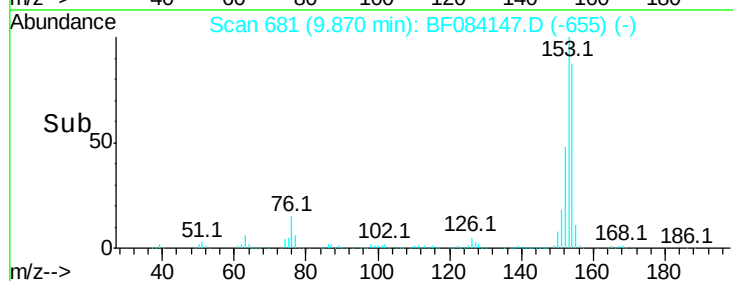
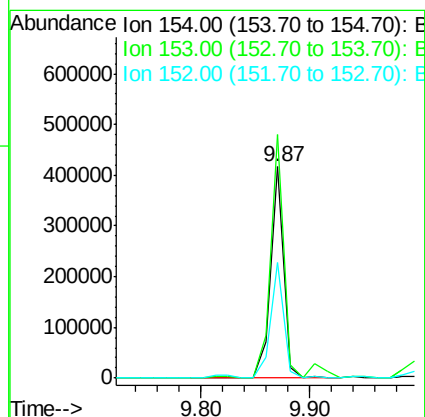
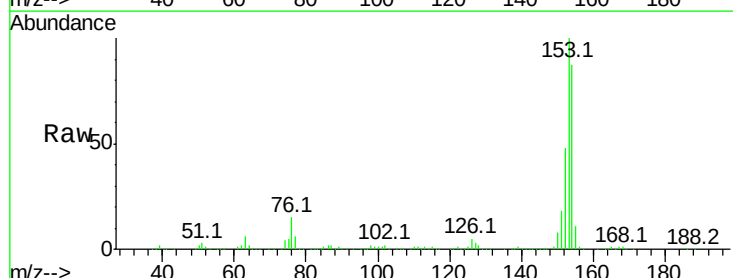
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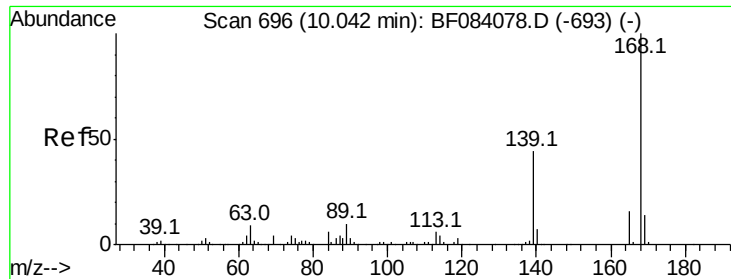
Sohil
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#51
Acenaphthene
Concen: 59.93 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF084147.D
Acq: 25 Dec 2015 23:59

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	115.3	91.5	137.3
152	54.8	43.0	64.6





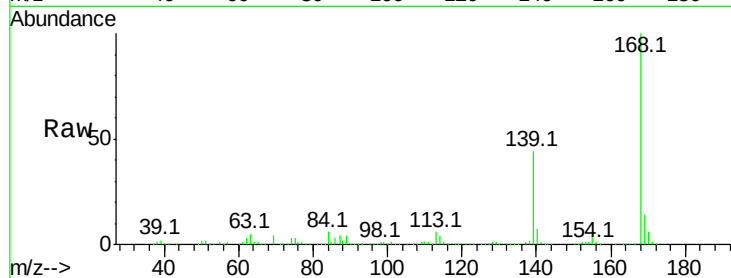
#54
Dibenzenofuran
Concen: 58.24 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF084147.D
Acq: 25 Dec 2015 23:59

Instrument :
BNA_F
ClientSampleId :
SP-3(0-2)5W

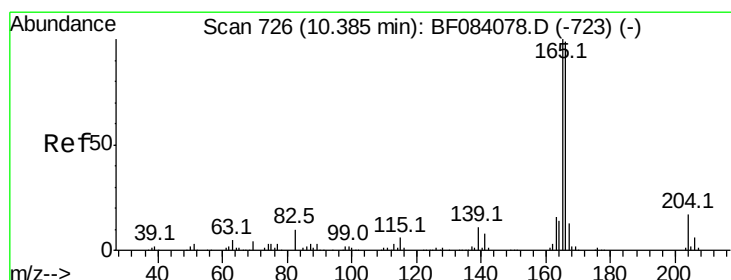
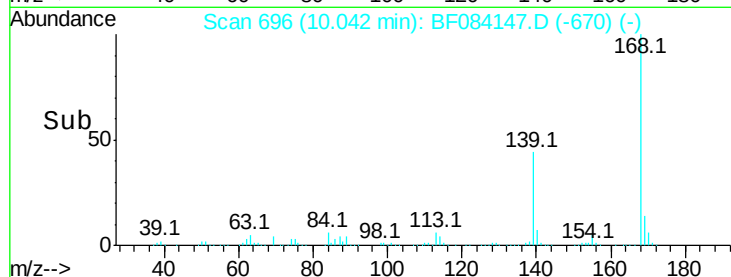
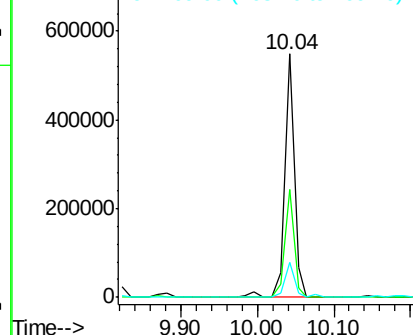
Tot Ion	Ratio	Lower	Upper
168	100		
139	44.3	30.5	45.7
169	14.3	10.4	15.6

Manual Integrations
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Sohil
12/29/2015 9:34:00 AM

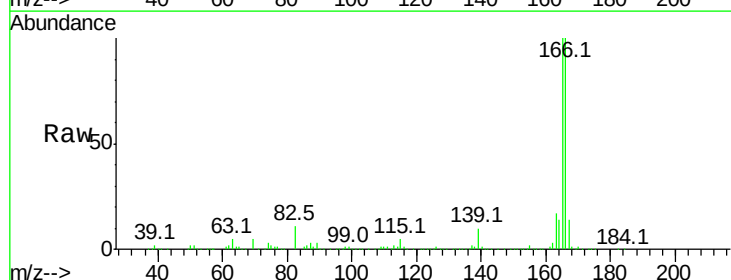


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

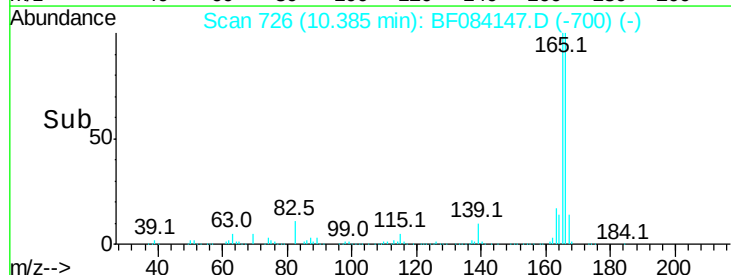
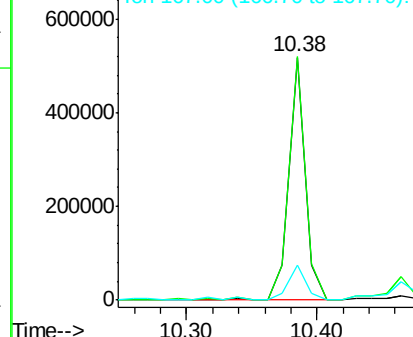


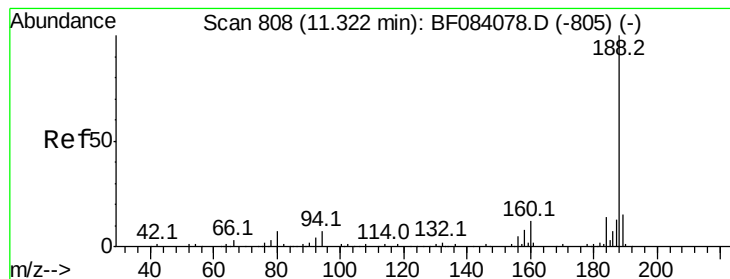
#57
Fluorene
Concen: 66.76 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF084147.D
Acq: 25 Dec 2015 23:59

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.4	79.1	118.7
167	14.3	10.4	15.6



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF084147.D

Acq: 25 Dec 2015 23:59

Instrument :

BNA_F

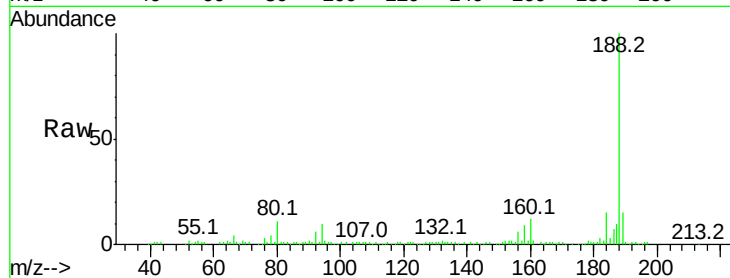
ClientSampleId :

SP-3(0-2)5W

Tot Ion:	188	Resp:	141083
Ion Ratio	Lower	Upper	
188	100		
94	9.6	9.0	13.4
80	11.0	9.6	14.4

Manual Integrations
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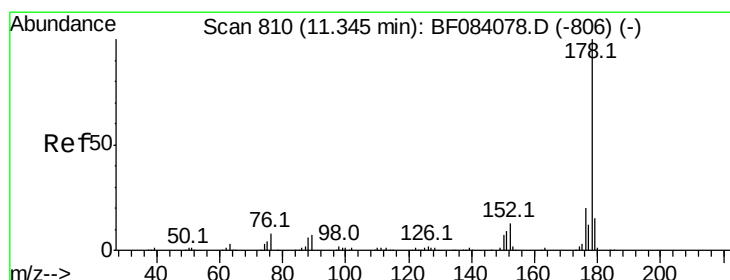
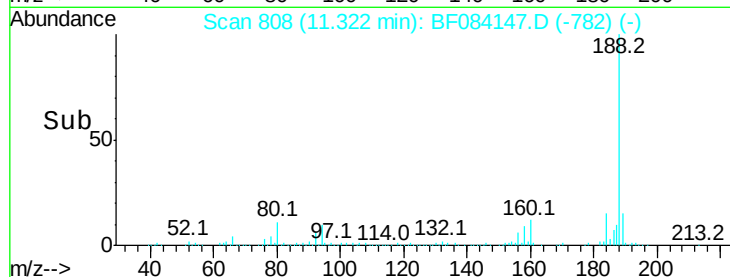
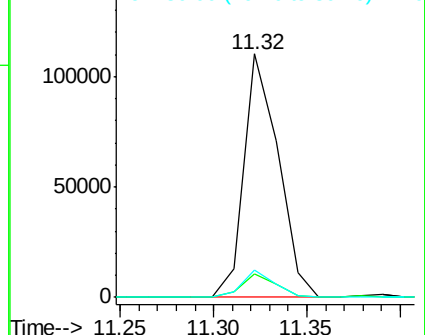
Sohil
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#70

Phenanthrene

Concen: 308.71 ng

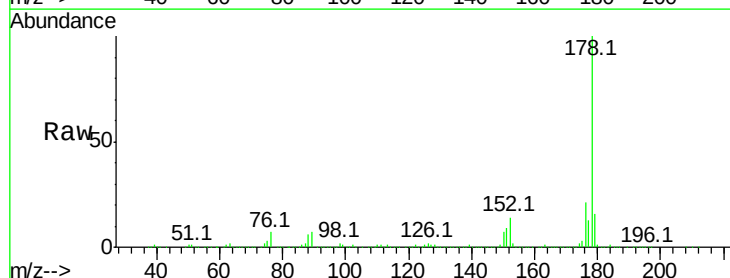
RT: 11.37 min Scan# 812

Delta R.T. 0.02 min

Lab File: BF084147.D

Acq: 25 Dec 2015 23:59

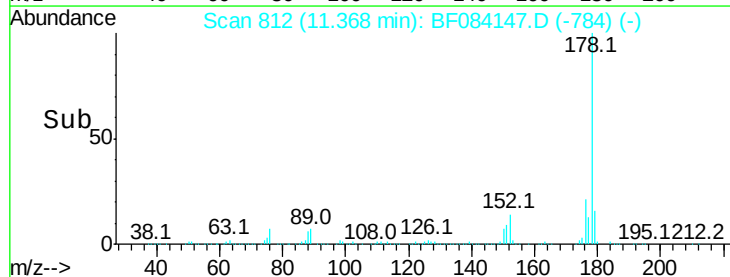
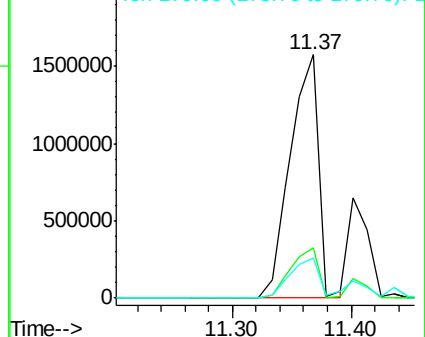
Tgt Ion:	178	Resp:	2581968
Ion Ratio	Lower	Upper	
178	100		
176	20.9	15.3	22.9
179	16.4	12.0	18.0

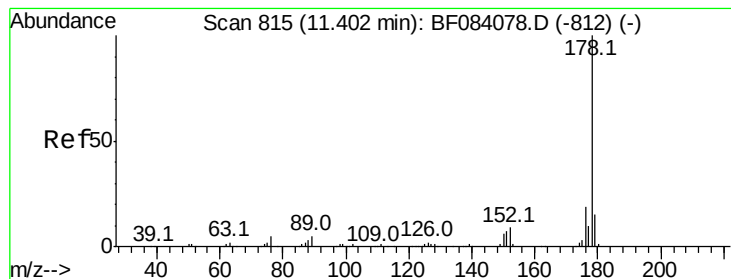


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 89.45 ng/mL

RT: 11.40 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF084147.D

Acq: 25 Dec 2015 23:59

Instrument :

BNA_F

ClientSampleId :

SP-3(0-2)5W

Tot Ion:178 Resp: 782319

Ion Ratio Lower Upper

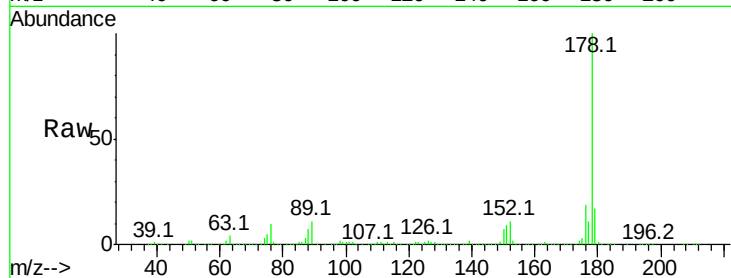
178 100

176 19.5 15.4 23.0

179 16.5 12.5 18.7

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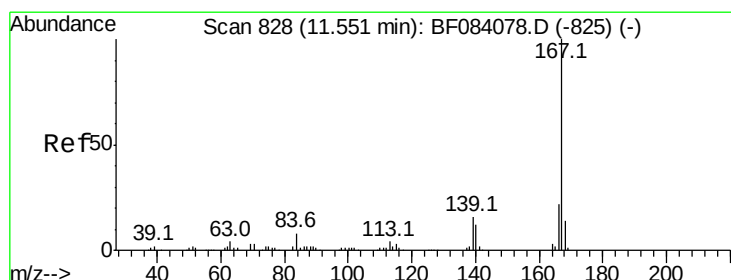
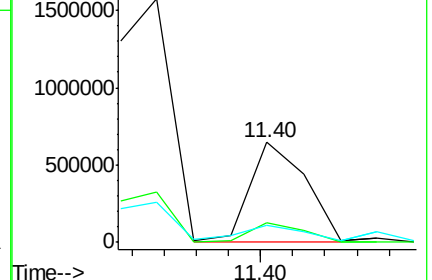
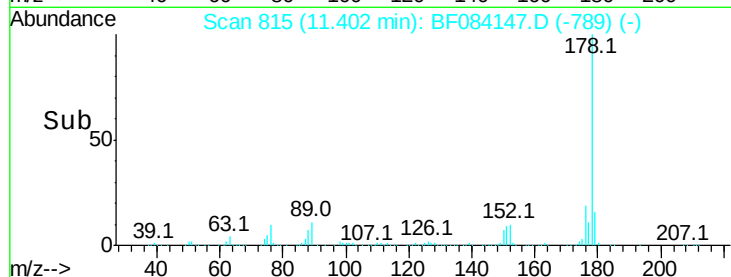
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 35.96 ng/mL

RT: 11.55 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF084147.D

Acq: 25 Dec 2015 23:59

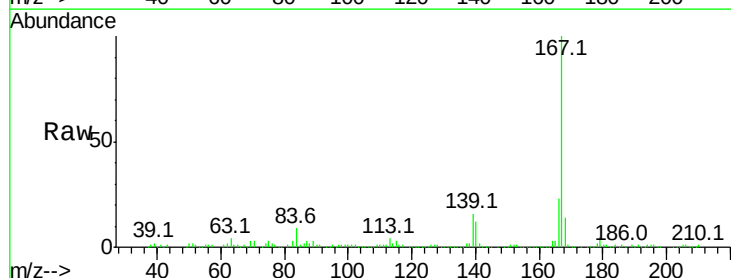
Tgt Ion:167 Resp: 267562

Ion Ratio Lower Upper

167 100

166 23.3 17.6 26.4

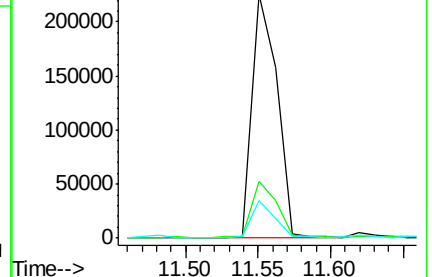
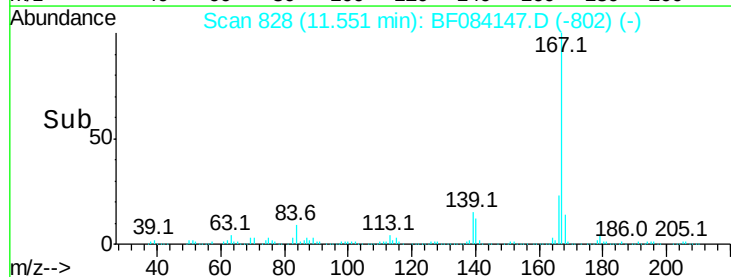
139 15.7 11.8 17.8

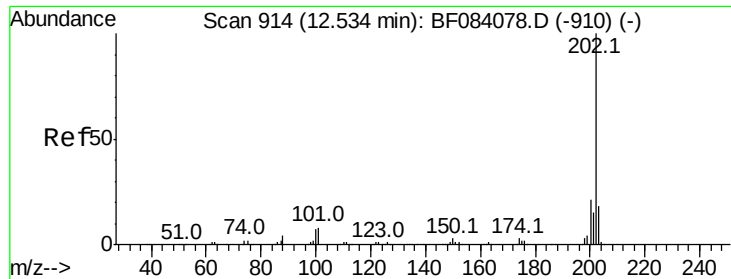


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: Below Cal m

RT: 12.56 min Scan# 916

Delta R.T. 0.02 min

Lab File: BF084147.D

Acq: 25 Dec 2015 23:59

Instrument :

BNA_F

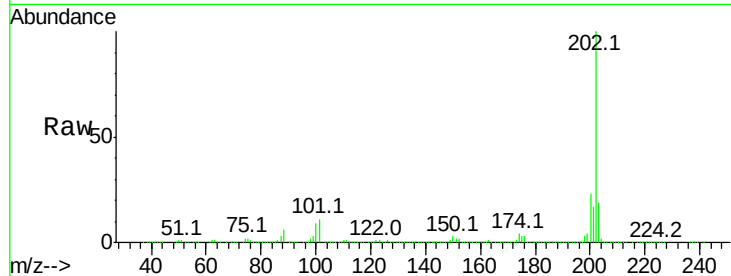
ClientSampleId :

SP-3(0-2)5W

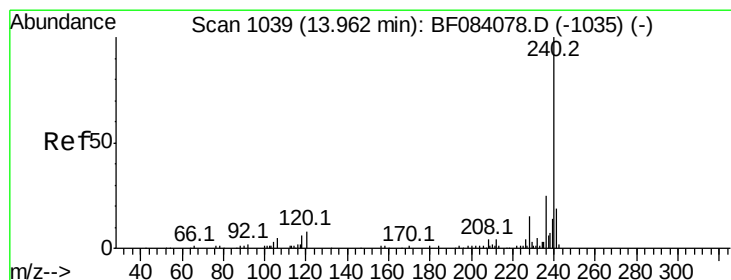
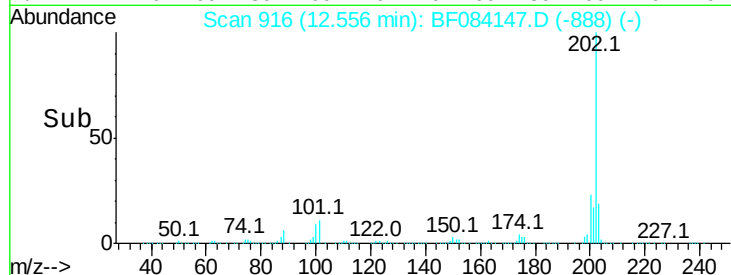
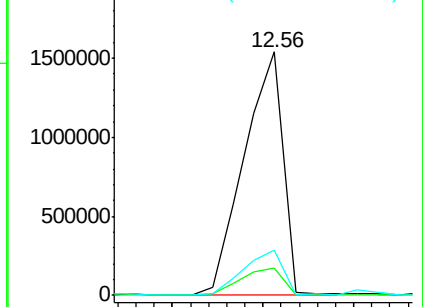
Tot Ion	Ratio	Resp	Lower	Upper
202	100	2300824		
101	11.4		0.0	32.8
203	18.8		0.0	37.9

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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

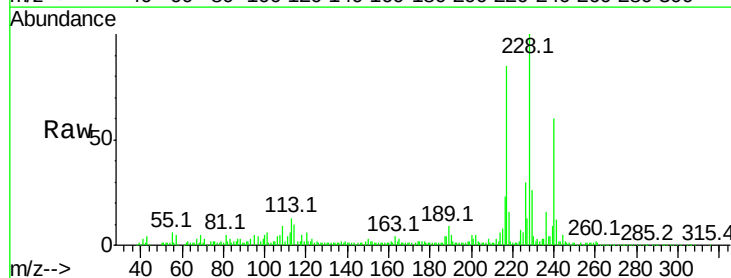
RT: 13.97 min Scan# 1040

Delta R.T. 0.01 min

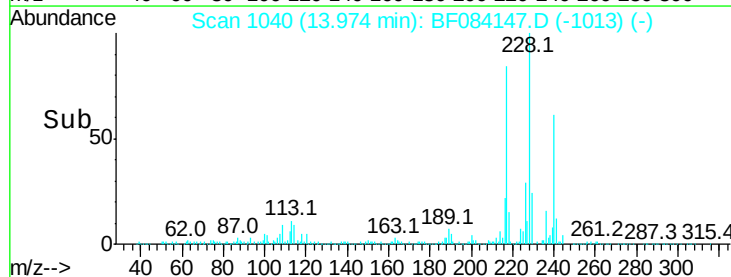
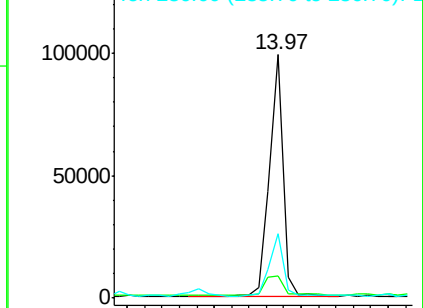
Lab File: BF084147.D

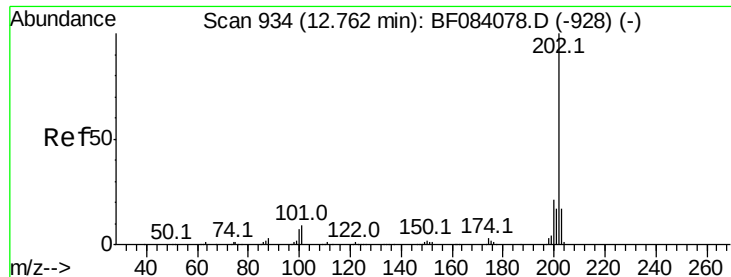
Acq: 25 Dec 2015 23:59

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	109354		
120	9.4		9.5	14.3#
236	26.5		20.6	31.0



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: 203.66 ng

RT: 12.79 min Scan# 936

Delta R.T. 0.02 min

Lab File: BF084147.D

Acq: 25 Dec 2015 23:59

Instrument :

BNA_F

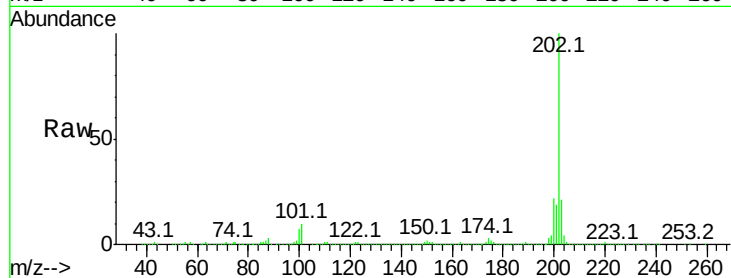
ClientSampleId :

SP-3(0-2)5W

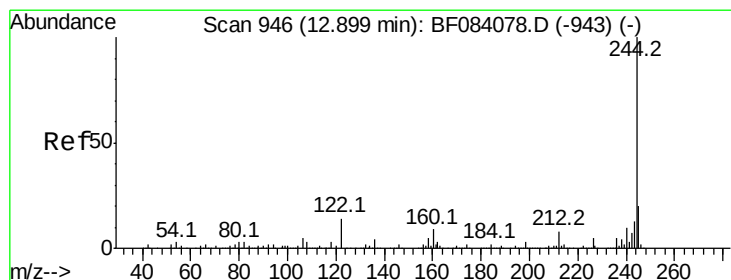
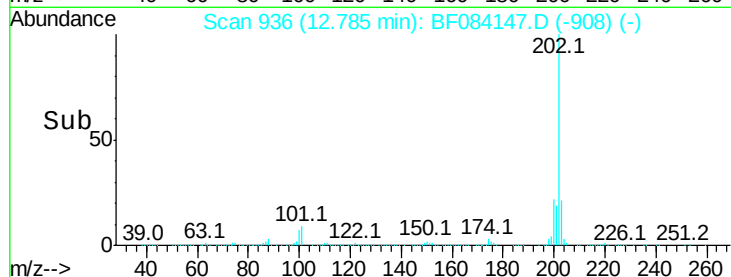
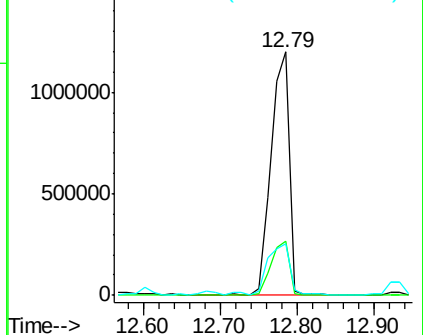
Tot Ion:	202	Resp:	1921413
Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.2	25.8
203	21.2	14.3	21.5

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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: 60.20 ng

RT: 12.90 min Scan# 946

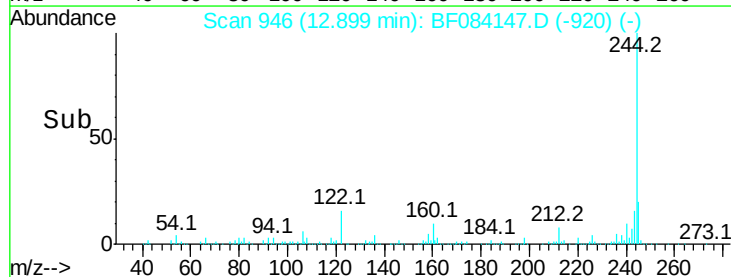
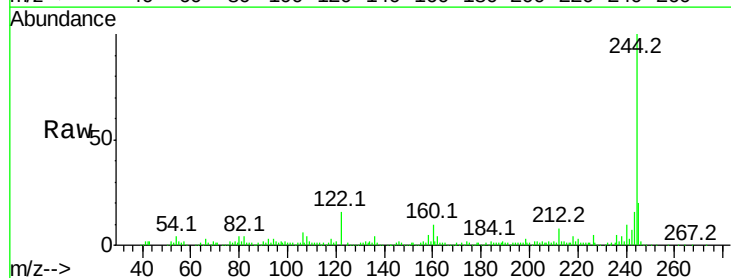
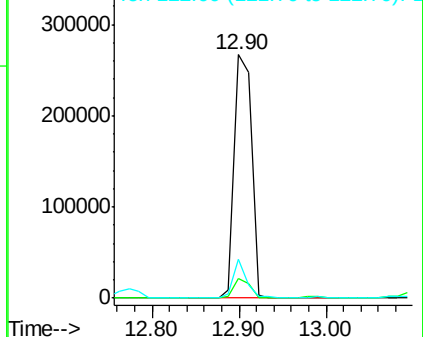
Delta R.T. 0.00 min

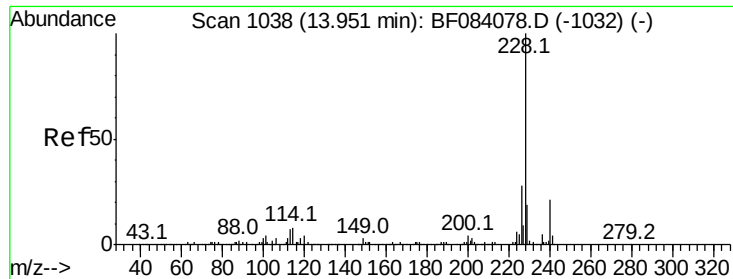
Lab File: BF084147.D

Acq: 25 Dec 2015 23:59

Tgt Ion:	244	Resp:	363837
Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.7	8.5
122	15.9	7.4	11.0#

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





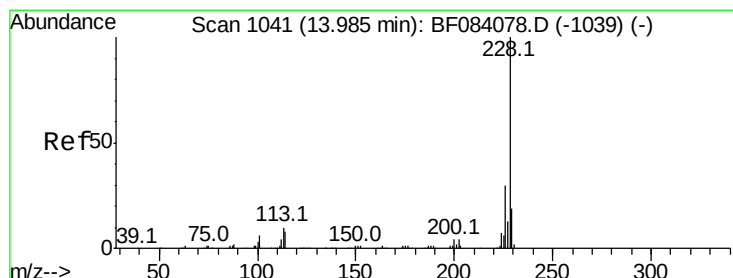
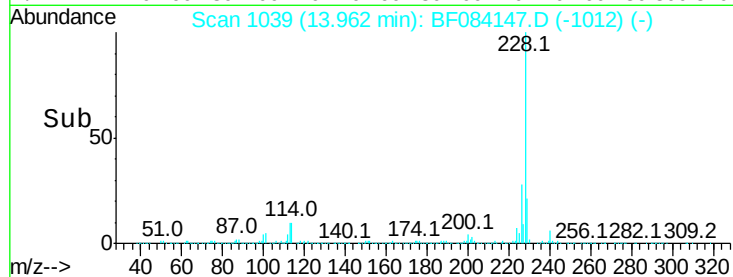
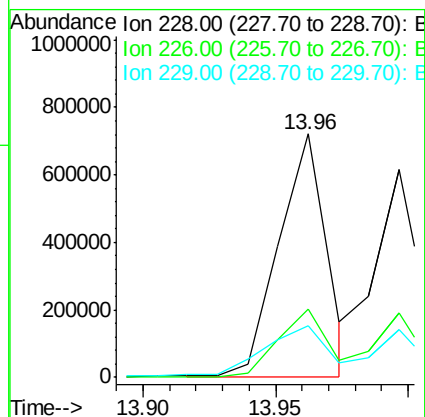
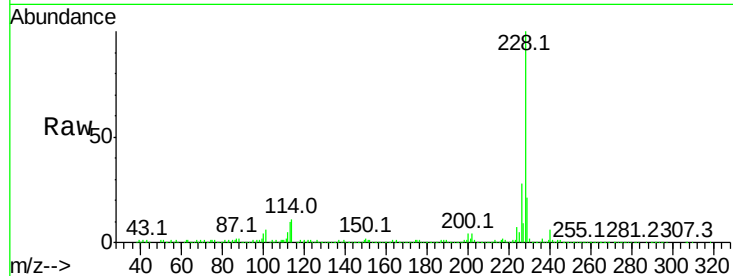
#80
Benzo(a)anthracene
Concen: 134.32 ng m
RT: 13.96 min Scan# 1039
Delta R.T. 0.01 min
Lab File: BF084147.D
Acq: 25 Dec 2015 23:59

Instrument :
BNA_F
ClientSampleId :
SP-3(0-2)5W

Tot Ion:	228	Resp:	903541
Ion Ratio	Lower	Upper	
228	100		
226	28.2	21.8	32.6
229	21.0	15.8	23.8

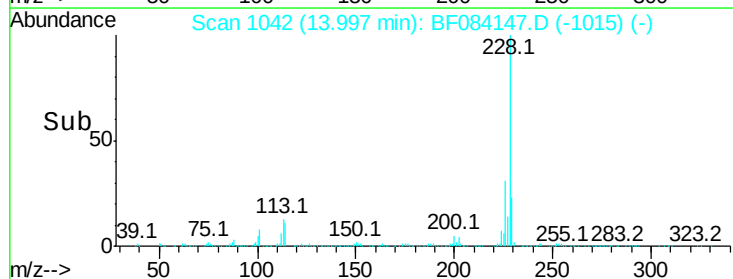
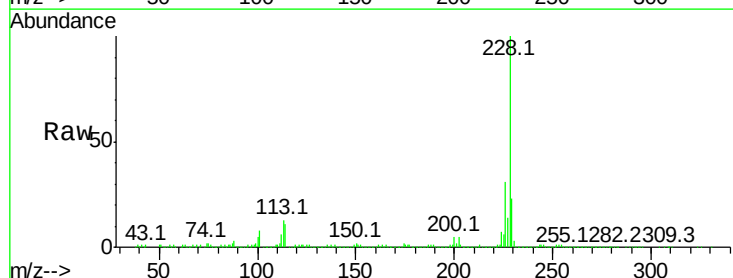
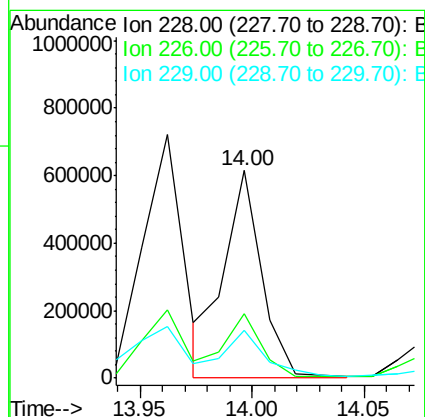
Manual Integrations
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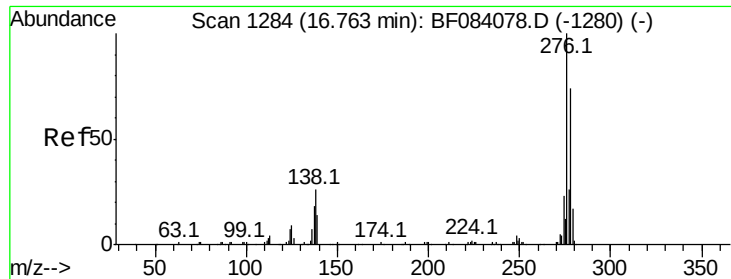
Sohil
12/29/2015 9:34:00 AM



#82
Chrysene
Concen: 116.19 ng m
RT: 14.00 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF084147.D
Acq: 25 Dec 2015 23:59

Tgt Ion:	228	Resp:	720741
Ion Ratio	Lower	Upper	
228	100		
226	30.8	24.3	36.5
229	23.0	16.1	24.1





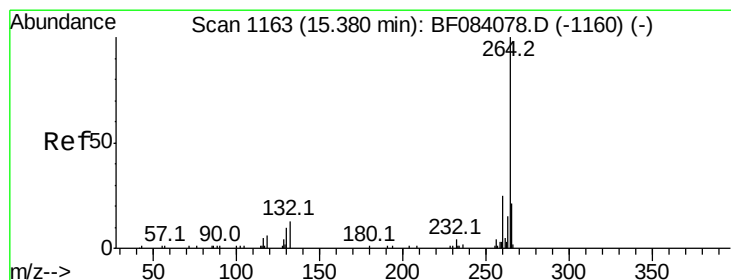
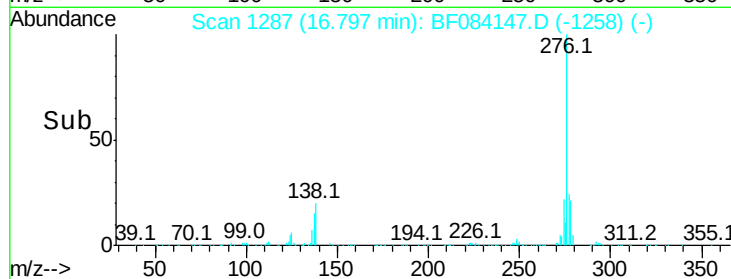
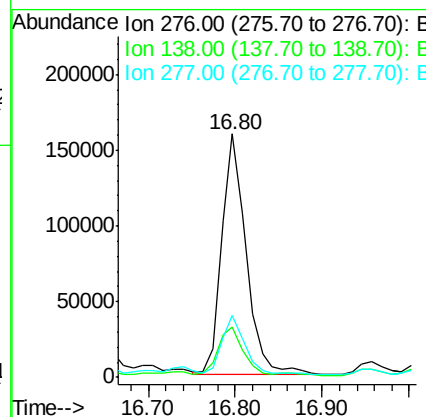
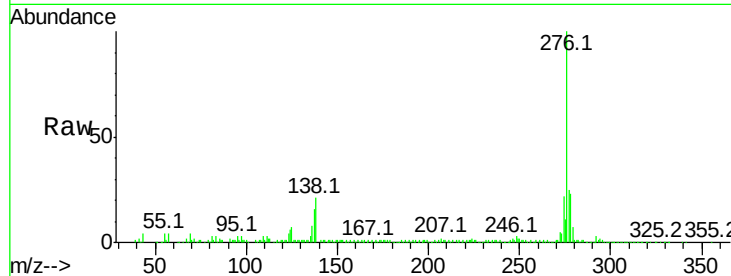
#85
Indeno(1,2,3-cd)pyrene
Concen: 50.64 ng
RT: 16.80 min Scan# 1287
Delta R.T. 0.03 min
Lab File: BF084147.D
Acq: 25 Dec 2015 23:59

Instrument :
BNA_F
ClientSampleId :
SP-3(0-2)5W

Tot Ion	Ratio	Resp	Lower	Upper
276	100	314521		
138	19.7	20.6	30.8#	
277	23.9	20.1	30.1	

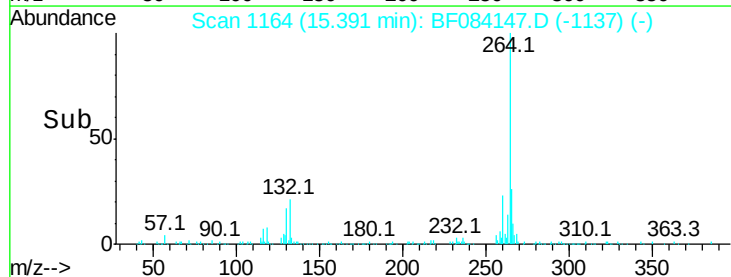
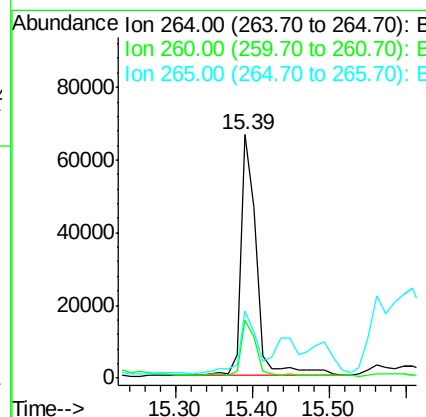
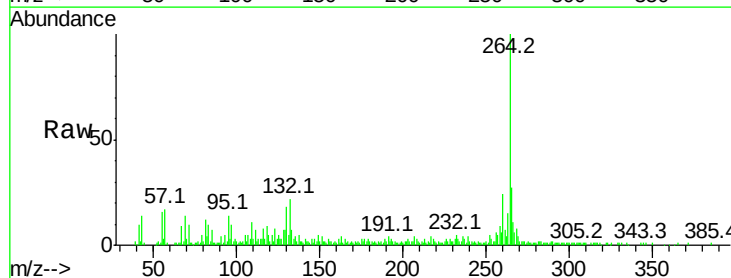
Manual Integrations
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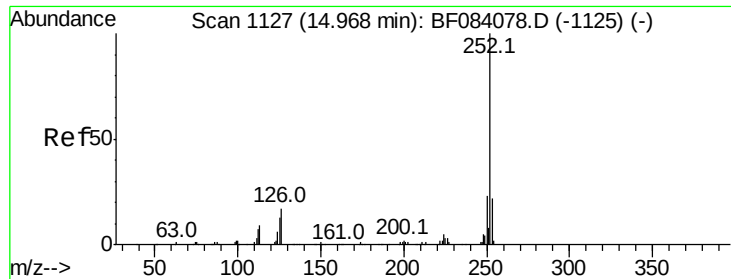
Sohil
12/29/2015 9:34:00 AM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1164
Delta R.T. 0.01 min
Lab File: BF084147.D
Acq: 25 Dec 2015 23:59

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	94632		
260	23.9	19.4	29.2	
265	27.3	17.8	26.6#	





#87

Benzo(b)fluoranthene

Concen: 103.71 ng m

RT: 14.99 min Scan# 1129

Delta R.T. 0.02 min

Lab File: BF084147.D

Acq: 25 Dec 2015 23:59

Instrument :

BNA_F

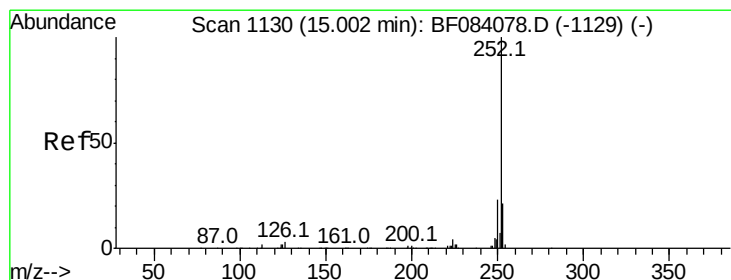
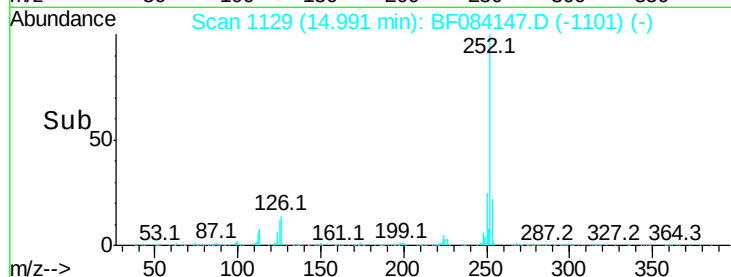
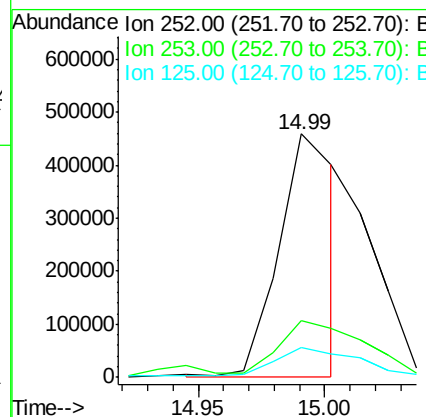
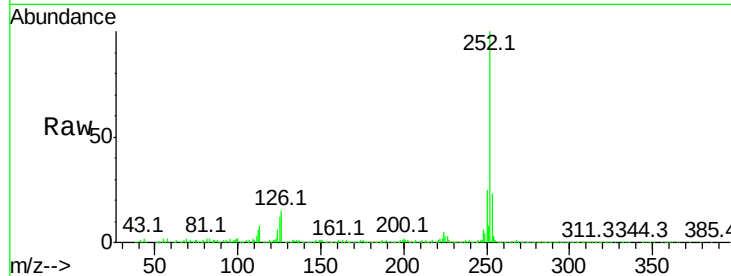
ClientSampleId :

SP-3(0-2)5W

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.3	25.9
125	12.4	6.5	9.7#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 71.69 ng m

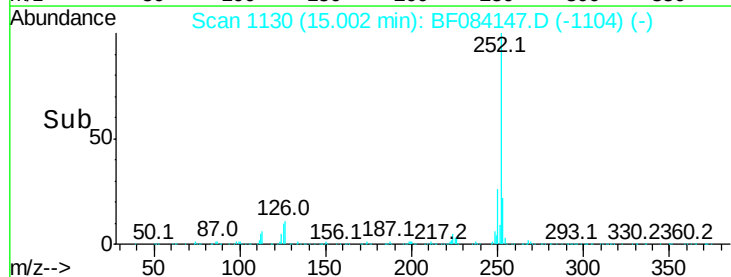
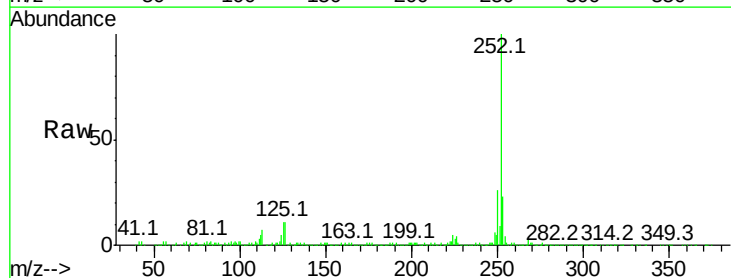
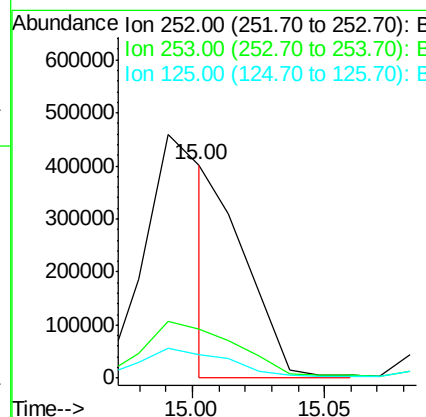
RT: 15.00 min Scan# 1130

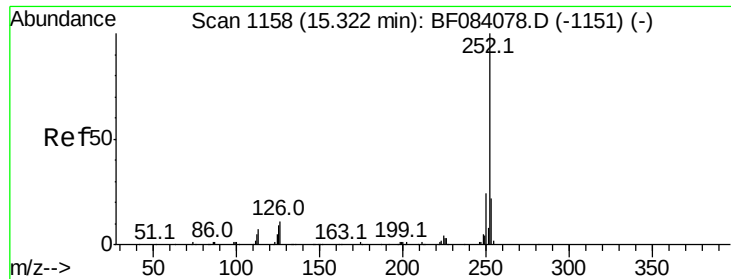
Delta R.T. 0.00 min

Lab File: BF084147.D

Acq: 25 Dec 2015 23:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.1	27.1
125	11.3	9.0	13.6





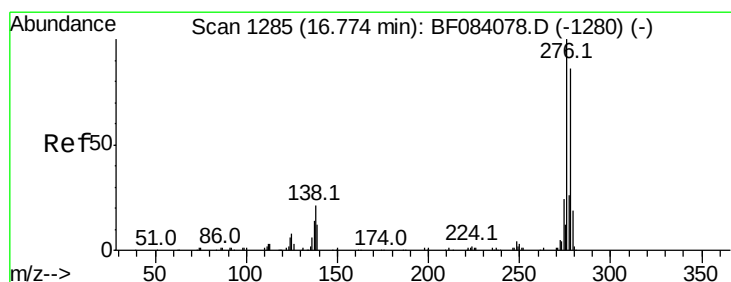
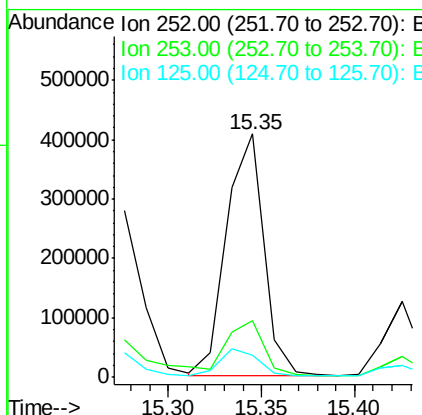
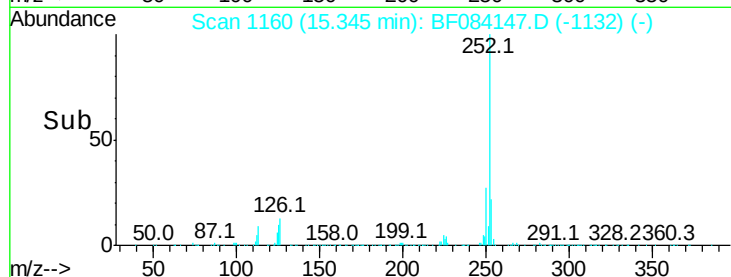
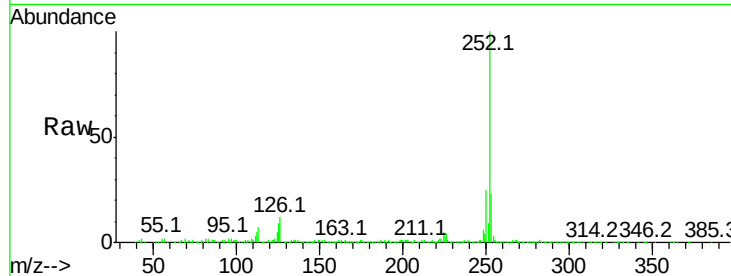
#89
Benzo(a)pyrene
Concen: 98.89 ng
RT: 15.35 min Scan# 1160
Delta R.T. 0.02 min
Lab File: BF084147.D
Acq: 25 Dec 2015 23:59

Instrument :
BNA_F
ClientSampleId :
SP-3(0-2)5W

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.3	17.3	25.9
125	9.2	7.0	10.4

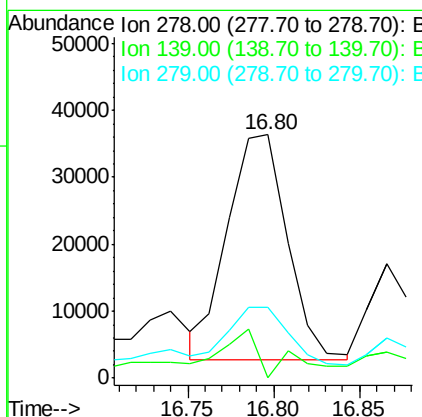
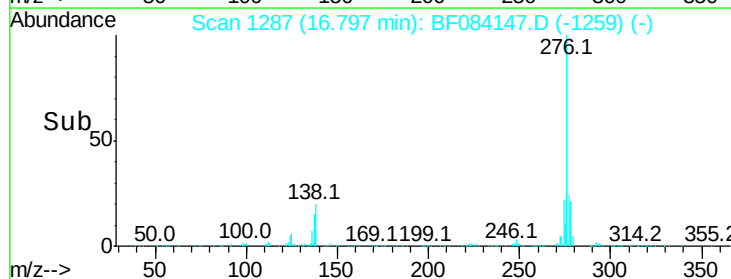
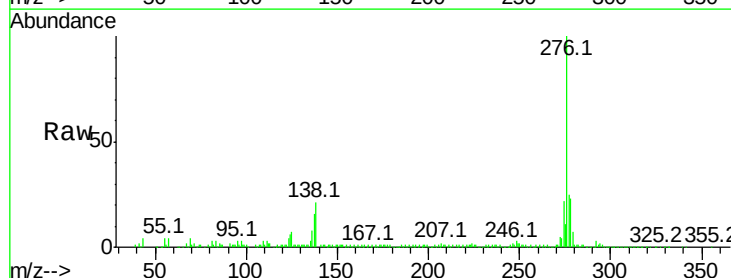
Manual Integrations
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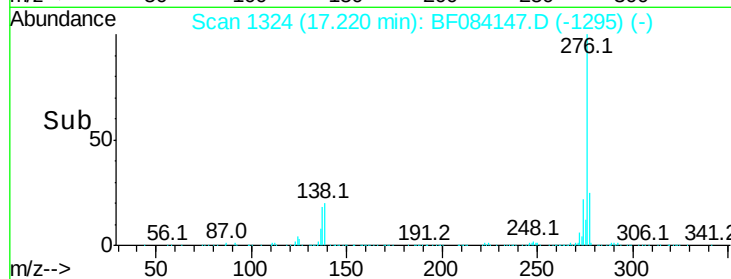
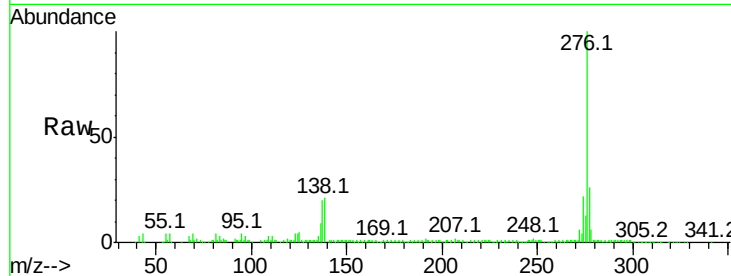
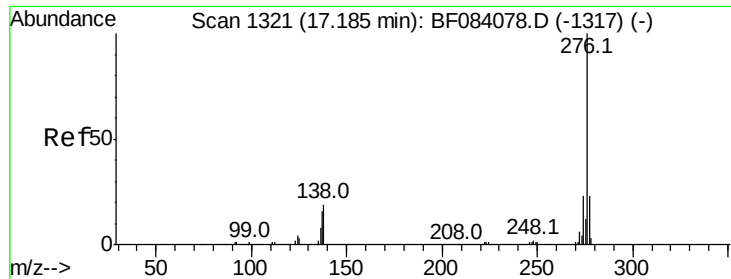
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#90
Dibenzo(a,h)anthracene
Concen: 14.48 ng m
RT: 16.80 min Scan# 1287
Delta R.T. 0.02 min
Lab File: BF084147.D
Acq: 25 Dec 2015 23:59

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	0.0	15.0	22.4#
279	29.1	18.9	28.3#





#91

Benzo(a,h,i)perylene

Concen: 47.56 ng

RT: 17.22 min Scan# 1324

Delta R.T. 0.03 min

Lab File: BF084147.D

Acq: 25 Dec 2015 23:59

Instrument :

BNA_F

ClientSampleId :

SP-3(0-2)5W

Tot Ion	Ratio	Resp	Lower	Upper
276	100	274273		
277	26.0		18.8	28.2
138	21.2		17.8	26.6

Manual Integrations
APPROVED

Sohil
12/29/2015 9:34:00 AM

