

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
 Data File : BF083432.D
 Acq On : 2 Dec 2015 22:20
 Operator : UM/IZ
 Sample : G4582-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-02(8-11)

Manual Integrations
 APPROVED

Mmdadoda
 12/3/2015 7:09:49 PM

Quant Time: Dec 03 05:57:38 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	153258m	20.00	ng	0.00
21) Naphthalene-d8	7.85	136	483555	20.00	ng	0.01
38) Acenaphthene-d10	9.57	164	298421	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	524461	20.00	ng	-0.01
75) Chrysene-d12	14.74	240	366075	20.00	ng	-0.02
86) Perylene-d12	16.80	264	343193	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.13	112	1268284	124.18	ng	0.00
7) Phenol-d6	6.21	99	1824519	130.51	ng	-0.01
23) Nitrobenzene-d5	7.12	82	1266906	115.17	ng	-0.01
41) 2,4,6-Tribromophenol	10.36	330	292497	97.64	ng	-0.02
44) 2-Fluorobiphenyl	8.91	172	1655218	79.04	ng	-0.01
78) Terphenyl-d14	13.21	244	1490144	97.08	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.22	94	51464	3.06	ng	75
31) Naphthalene	7.89	128	15779192	601.42	ng	# 83
37) 2-Methylnaphthalene	8.56	142	3697709	210.88	ng	# 94
45) 1,1'-Biphenyl	9.01	154	1115055	42.61	ng	99
48) Acenaphthylene	9.44	152	2263393	71.16	ng	98
49) Dimethylphthalate	9.31	163	377450	15.56	ng	99
51) Acenaphthene	9.61	154	930915	49.75	ng	99
54) Dibenzofuran	9.78	168	269798	9.84	ng	# 92
57) Fluorene	10.12	166	1453690m	67.14	ng	
70) Phenanthrene	11.16	178	6755479m	217.66	ng	
71) Anthracene	11.22	178	2163856m	69.25	ng	
74) Fluoranthene	12.66	202	3003129	93.34	ng	99
77) Pvrene	12.98	202	4133370	161.68	ng	95
80) Benzo(a)anthracene	14.73	228	1279878m	57.07	ng	
82) Chrysene	14.77	228	924695	42.67	ng	99
85) Indeno(1,2,3-cd)pyrene	18.17	276	432682	27.42	ng	96
87) Benzo(b)fluoranthene	16.29	252	815998m	37.06	ng	
88) Benzo(k)fluoranthene	16.32	252	281469m	13.54	ng	
89) Benzo(a)pvrene	16.73	252	972286	51.41	ng	98
90) Dibenzo(a,h)anthracene	18.19	278	107985	6.55	ng	95
91) Benzo(g,h,i)perylene	18.55	276	482889	29.85	ng	97

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

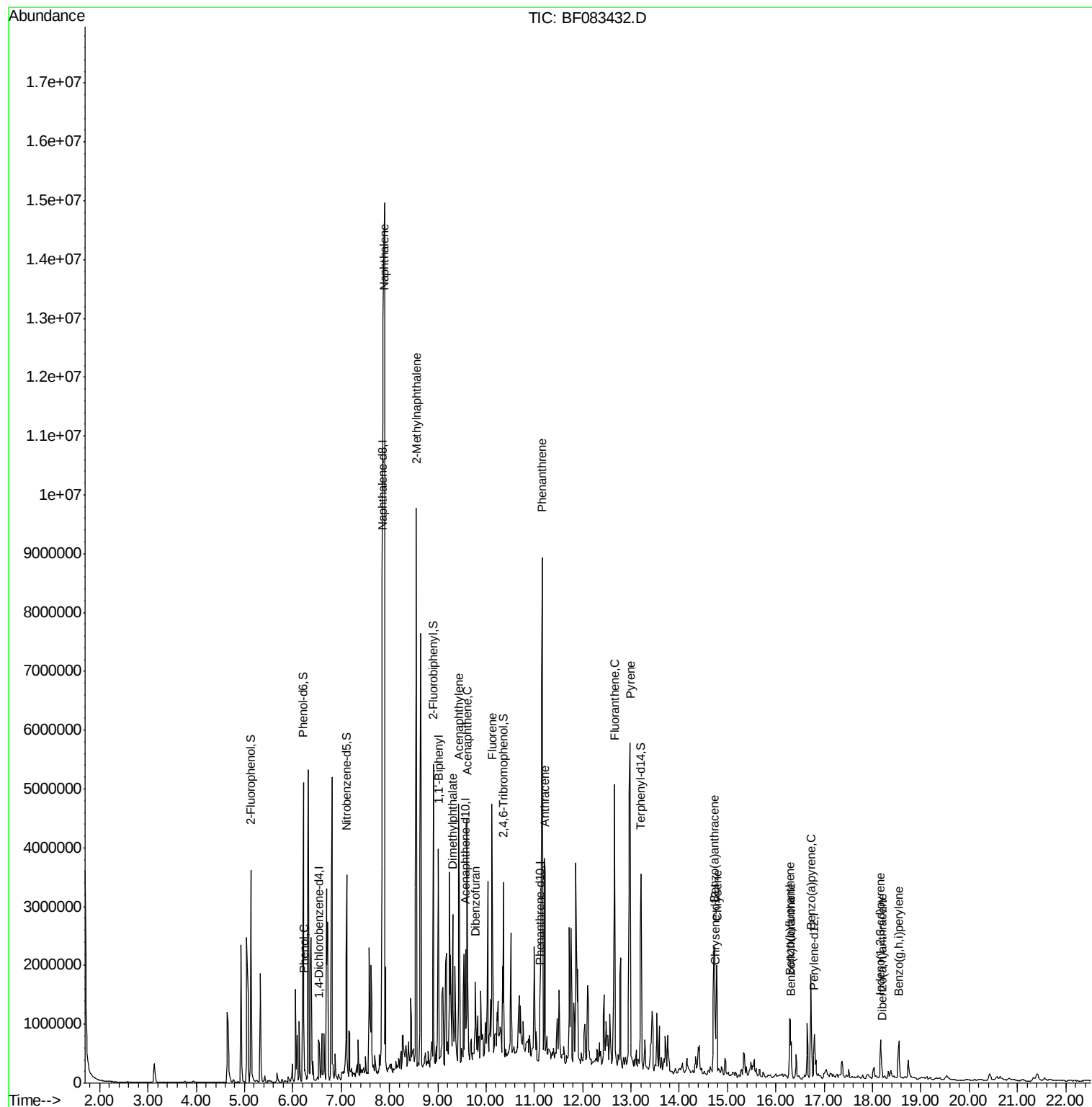
Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083432.D
Acq On : 2 Dec 2015 22:20
Operator : UM/IZ
Sample : G4582-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-02(8-11)

Manual Integrations
APPROVED

Mmdadoda
12/3/2015 7:09:49 PM

Quant Time: Dec 03 05:57:38 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 01 01:17:16 2015
Response via : Initial Calibration





#1

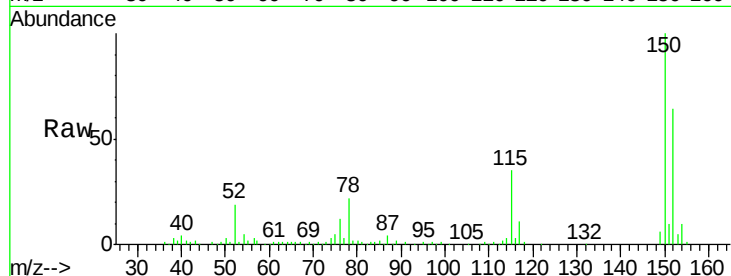
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/mL
RT: 6.54 min Scan# 425
Delta R.T. 0.00 min
Lab File: BF083432.D
Acq: 2 Dec 2015 22:20

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-02(8-11)

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	129.8	194.8
115	54.6	59.2	88.8

Manual Integrations
APPROVED

Mmdadoda
12/3/2015 7:09:49 PM

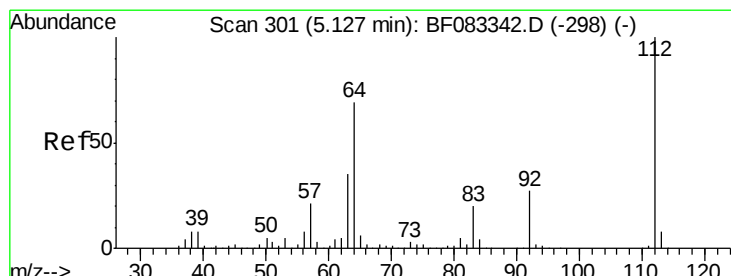
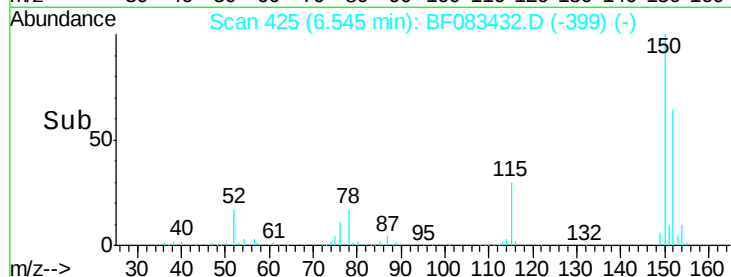
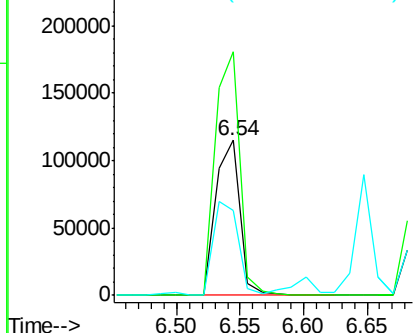


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

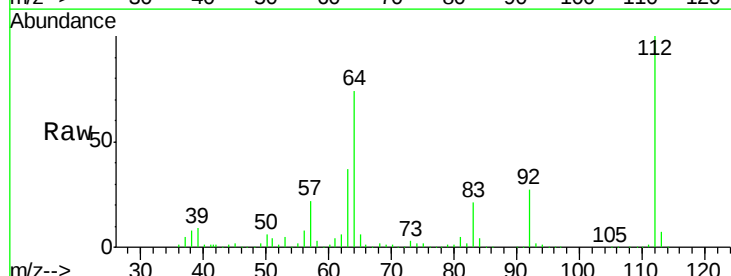
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 124.18 ng
RT: 5.13 min Scan# 301
Delta R.T. 0.00 min
Lab File: BF083432.D
Acq: 2 Dec 2015 22:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.1	55.6	83.4
63	37.0	28.2	42.2

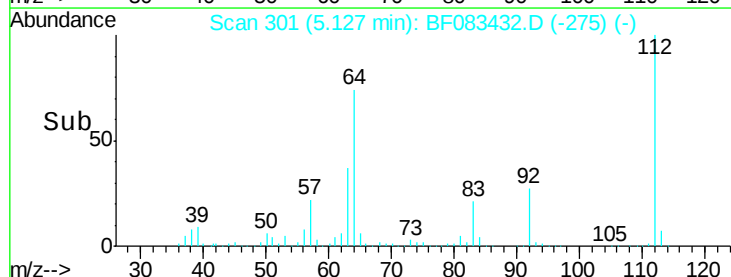
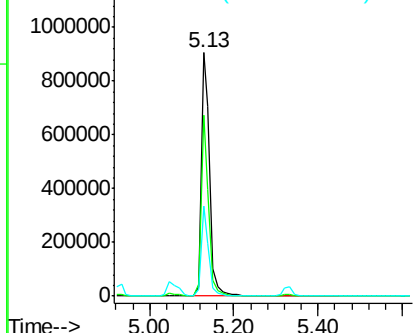


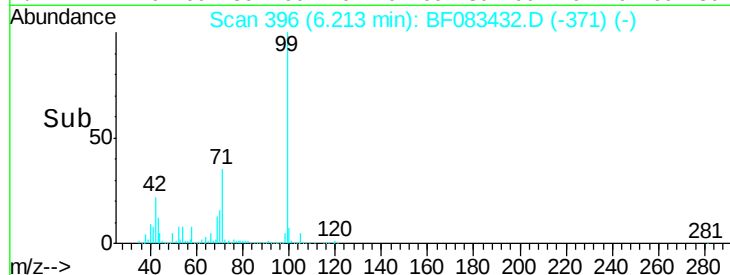
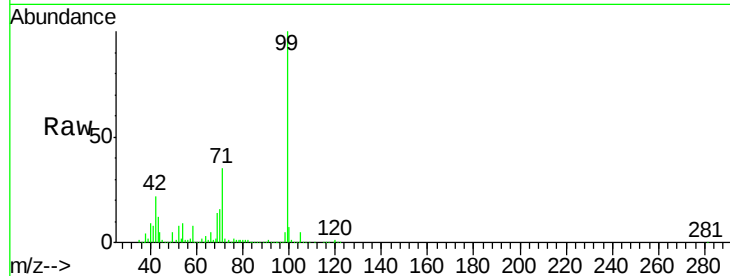
Abundance

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: 130.51 ng

RT: 6.21 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF083432.D

Acq: 2 Dec 2015 22:20

Tot Ion: 99 Resp: 1824519

Ion Ratio Lower Upper

99 100

42 22.5 14.9 22.3#

71 35.1 24.7 37.1

Instrument :

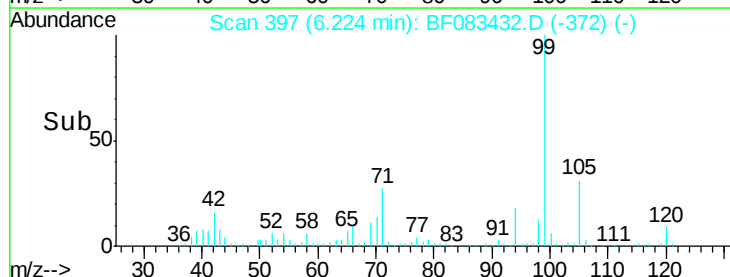
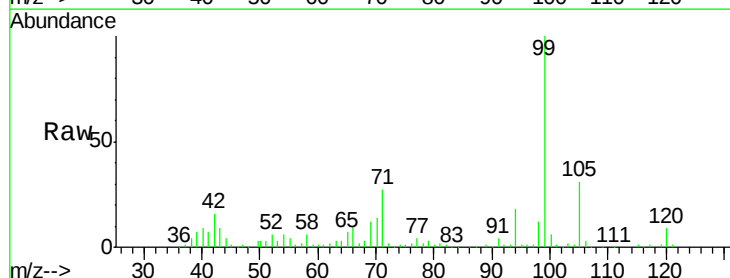
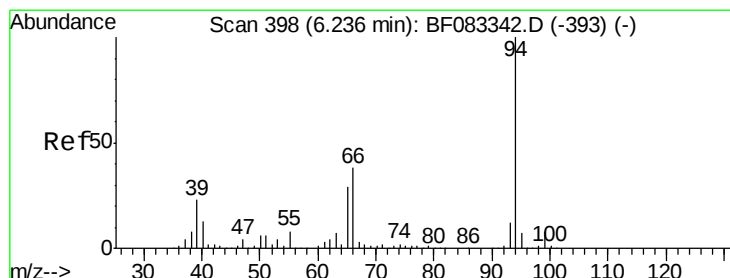
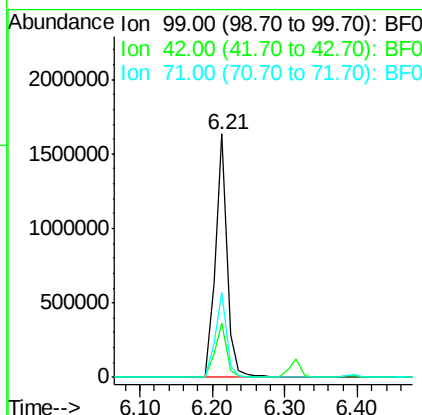
BNA_F

ClientSampleId :

SB-P3WC-02(8-11)

Manual Integrations
APPROVED

Mmdadoda
12/3/2015 7:09:49 PM



#10

Phenol

Concen: 3.06 ng

RT: 6.22 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF083432.D

Acq: 2 Dec 2015 22:20

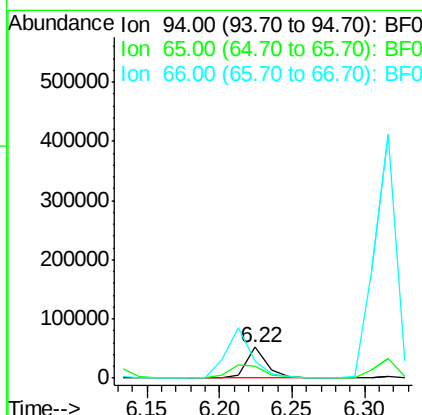
Tgt Ion: 94 Resp: 51464

Ion Ratio Lower Upper

94 100

65 40.0 9.5 49.5

66 55.3 17.9 57.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.85 min Scan# 539

Delta R.T. 0.01 min

Lab File: BF083432.D

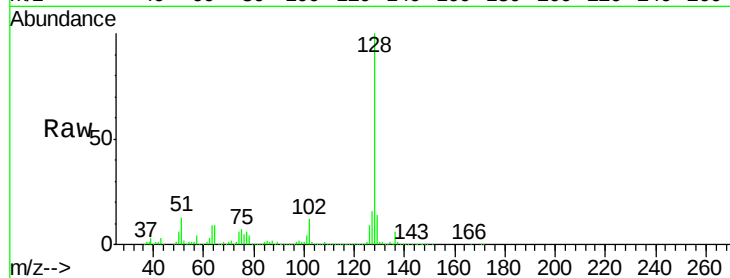
Acq: 2 Dec 2015 22:20

Instrument :

BNA_F

ClientSampleId :

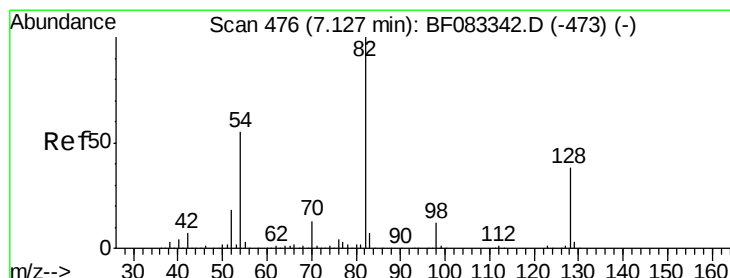
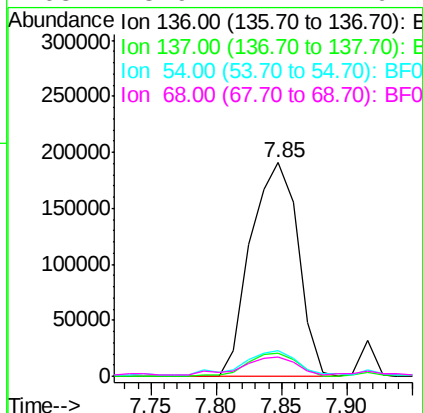
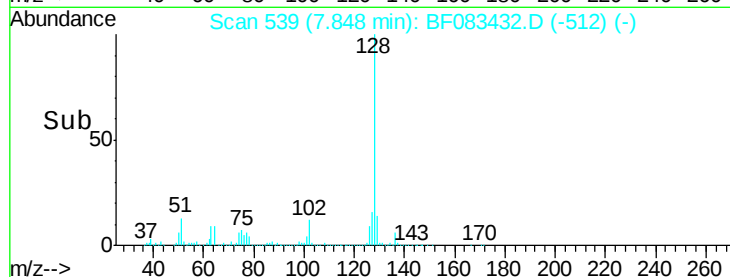
SB-P3WC-02(8-11)



Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		483555		
137	11.0	9.0	13.4		
54	11.8	10.1	15.1		
68	8.9	7.1	10.7		

Manual Integrations
APPROVED

Mmdadoda
12/3/2015 7:09:49 PM



#23

Nitrobenzene-d5

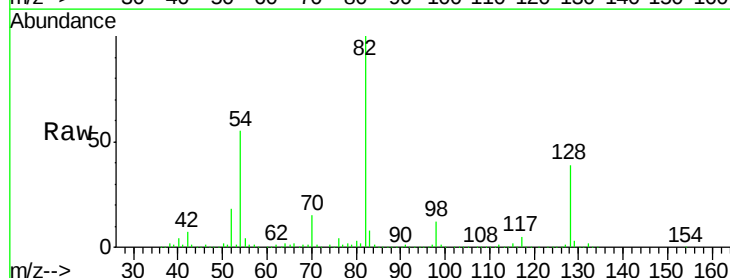
Concen: 115.17 ng

RT: 7.12 min Scan# 475

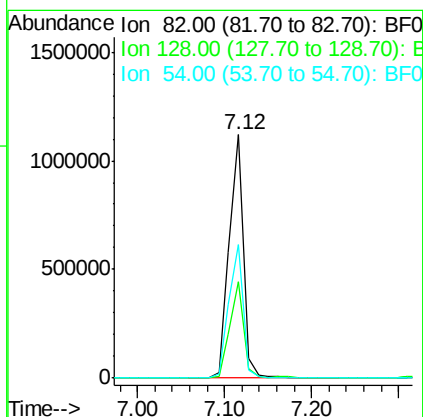
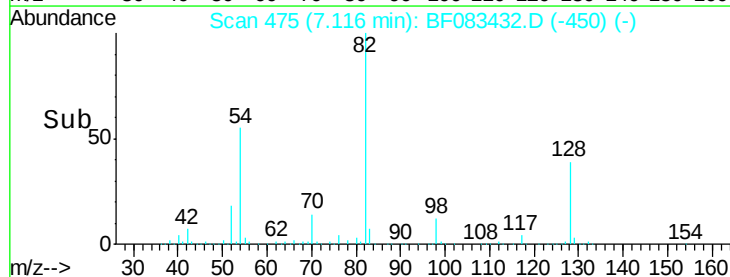
Delta R.T. -0.01 min

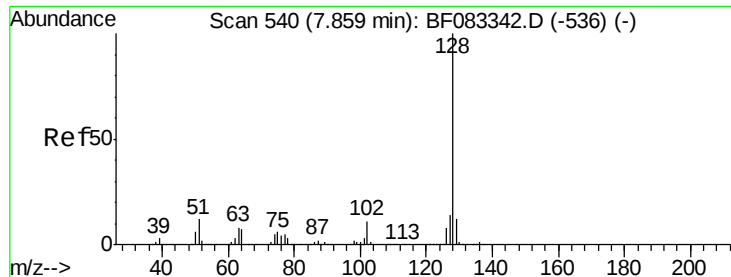
Lab File: BF083432.D

Acq: 2 Dec 2015 22:20



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		1266906		
128	39.4	30.6	46.0		
54	54.6	43.8	65.6		





#31

Naphthalene

Concen: 601.42 ng

RT: 7.89 min Scan# 543

Delta R.T. 0.03 min

Lab File: BF083432.D

Acq: 2 Dec 2015 22:20

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-02(8-11)

Tot Ion:128 Resp:15779192

Ion Ratio Lower Upper

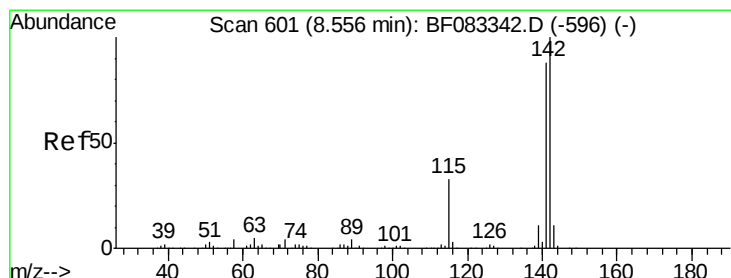
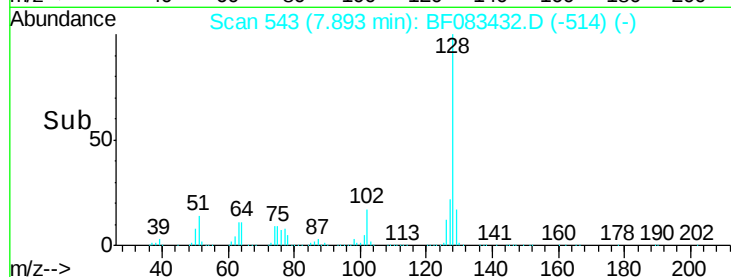
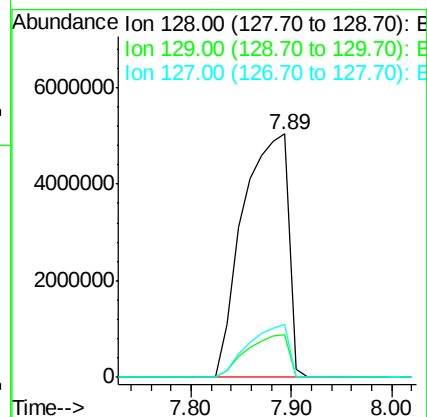
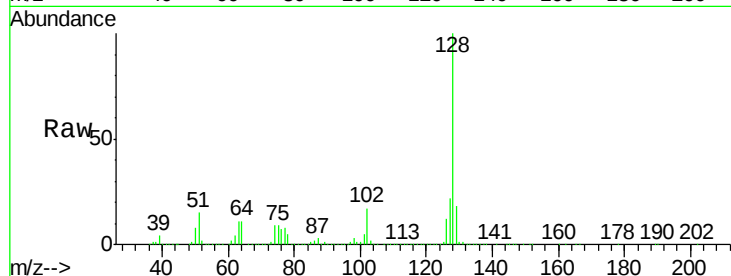
128 100

129 17.6 9.7 14.5#

127 21.7 11.0 16.4#

Manual Integrations
APPROVED

Mmdadoda
12/3/2015 7:09:49 PM



#37

2-Methylnaphthalene

Concen: 210.88 ng

RT: 8.56 min Scan# 601

Delta R.T. 0.00 min

Lab File: BF083432.D

Acq: 2 Dec 2015 22:20

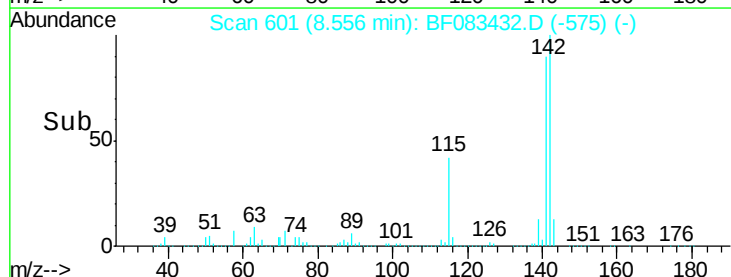
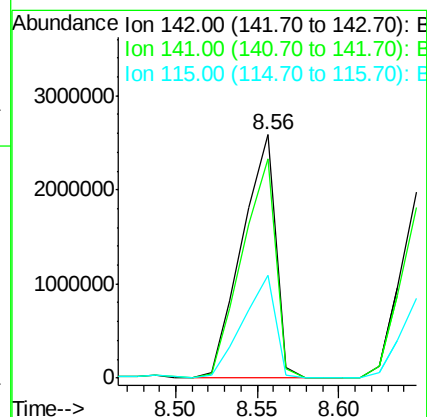
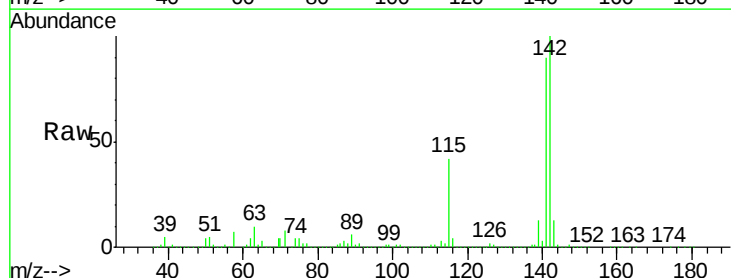
Tgt Ion:142 Resp: 3697709

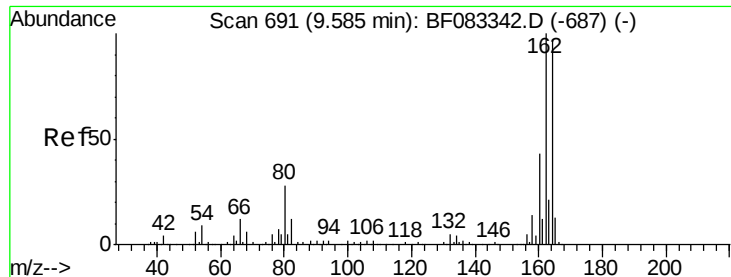
Ion Ratio Lower Upper

142 100

141 90.0 70.6 105.8

115 42.3 26.2 39.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.57 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF083432.D

Acq: 2 Dec 2015 22:20

Instrument :

BNA_F

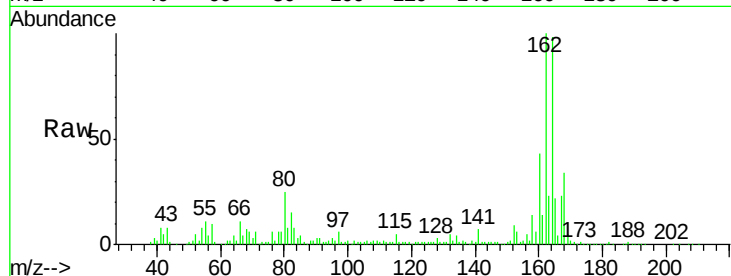
ClientSampleId :

SB-P3WC-02(8-11)

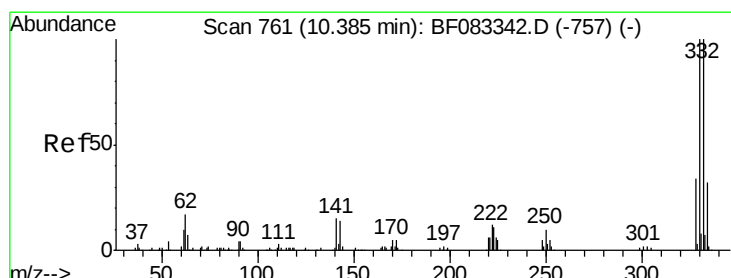
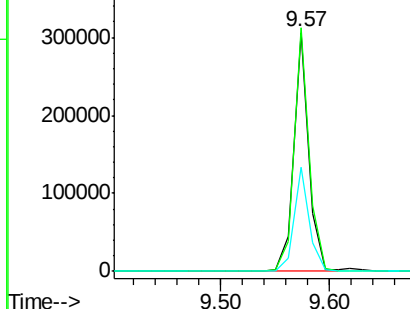
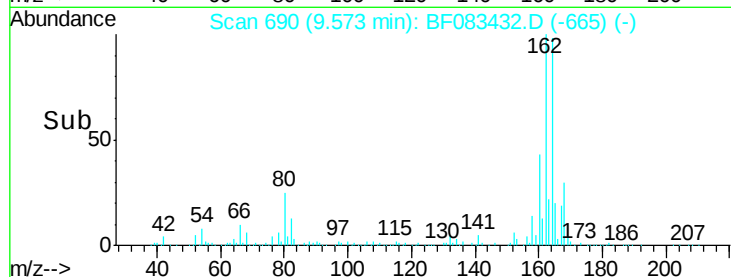
Tot Ion:	164	Resp:	298421
Ion Ratio	Lower	Upper	
164	100		
162	101.8	82.6	123.8
160	43.4	35.3	52.9

Manual Integrations
APPROVED

Mmdadoda
12/3/2015 7:09:49 PM



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 97.64 ng

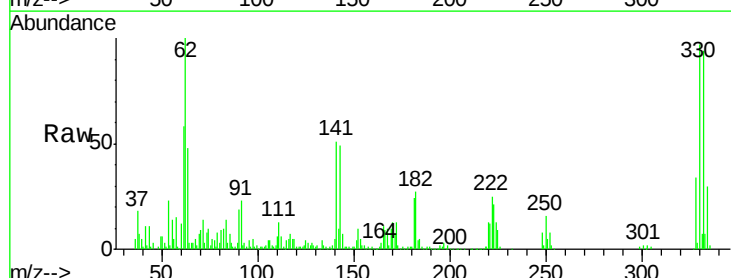
RT: 10.36 min Scan# 759

Delta R.T. -0.02 min

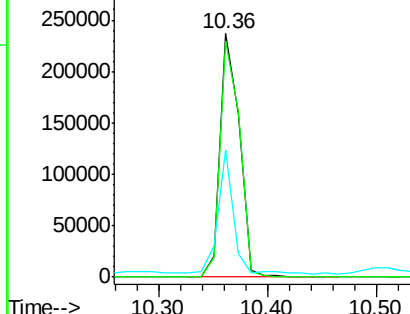
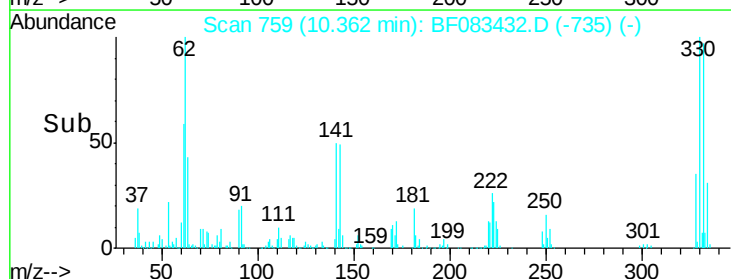
Lab File: BF083432.D

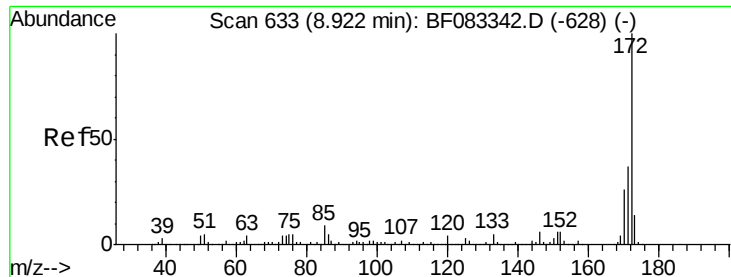
Acq: 2 Dec 2015 22:20

Tgt Ion:	330	Resp:	292497
Ion Ratio	Lower	Upper	
330	100		
332	98.6	77.8	116.6
141	42.1	29.4	44.0



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: 79.04 ng

RT: 8.91 min Scan# 632

Delta R.T. -0.01 min

Lab File: BF083432.D

Acq: 2 Dec 2015 22:20

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-02(8-11)

Tot Ion:172 Resp: 1655218

Ion Ratio Lower Upper

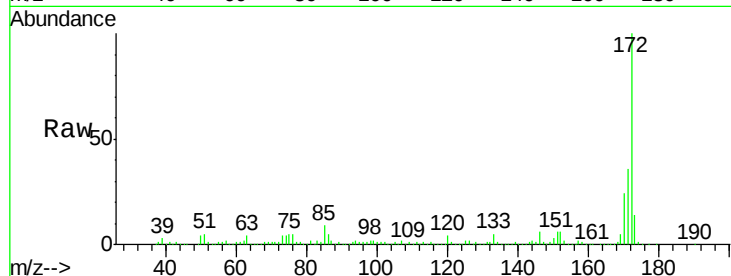
172 100

171 36.3 29.4 44.0

170 24.4 20.4 30.6

Manual Integrations
APPROVED

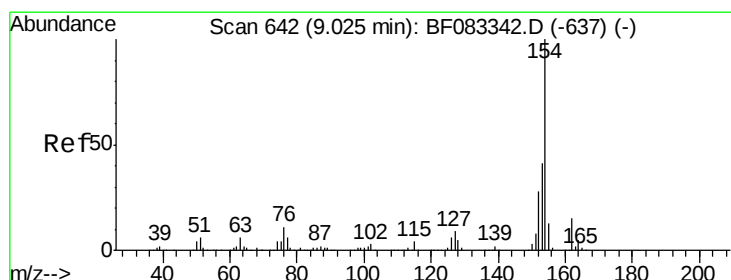
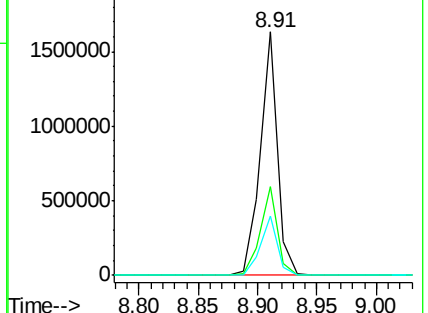
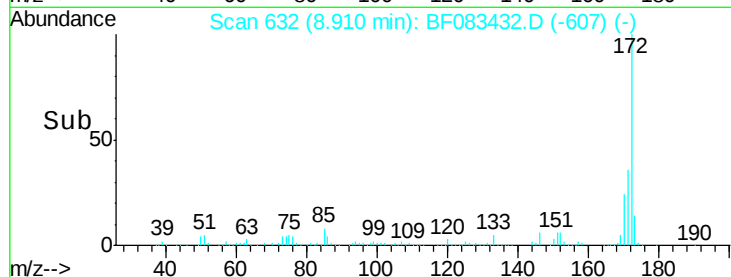
Mmdadoda
12/3/2015 7:09:49 PM



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: 42.61 ng

RT: 9.01 min Scan# 641

Delta R.T. -0.01 min

Lab File: BF083432.D

Acq: 2 Dec 2015 22:20

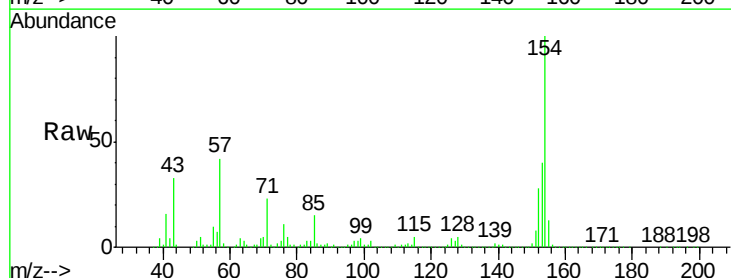
Tgt Ion:154 Resp: 1115055

Ion Ratio Lower Upper

154 100

153 39.9 20.6 60.6

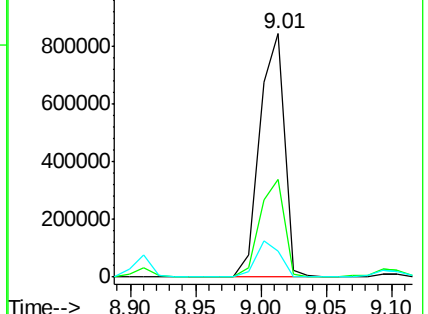
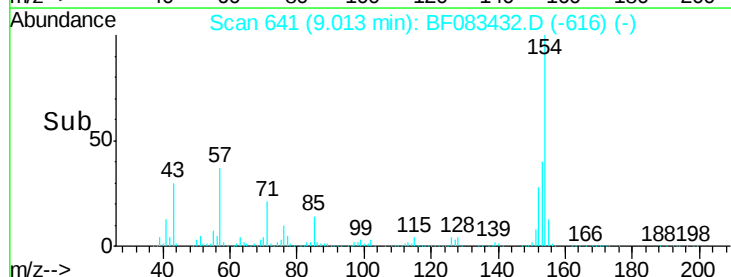
76 10.6 0.0 30.5

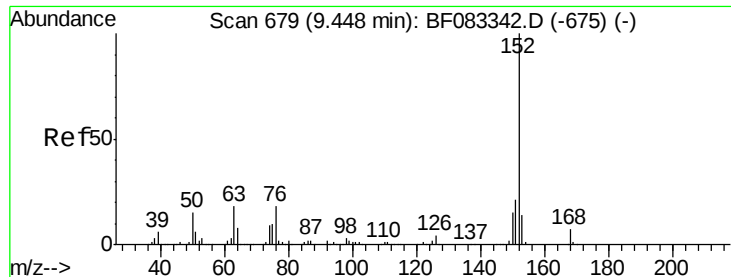


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





#48

Acenaphthylene

Concen: 71.16 ng

RT: 9.44 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF083432.D

Acq: 2 Dec 2015 22:20

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-02(8-11)

Tot Ion:152 Resp: 2263393

Ion Ratio Lower Upper

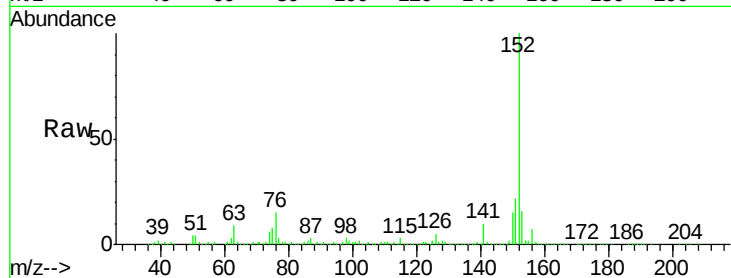
152 100

151 21.6 16.7 25.1

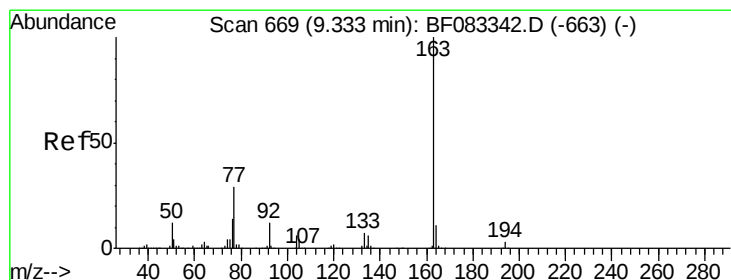
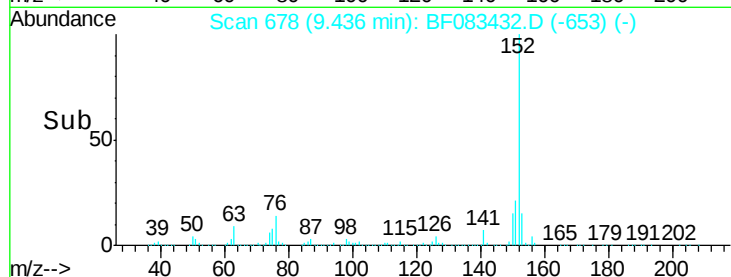
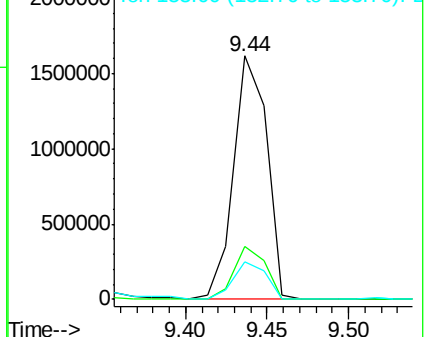
153 15.6 11.2 16.8

Manual Integrations
APPROVED

Mmdadoda
12/3/2015 7:09:49 PM



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 15.56 ng

RT: 9.31 min Scan# 667

Delta R.T. -0.02 min

Lab File: BF083432.D

Acq: 2 Dec 2015 22:20

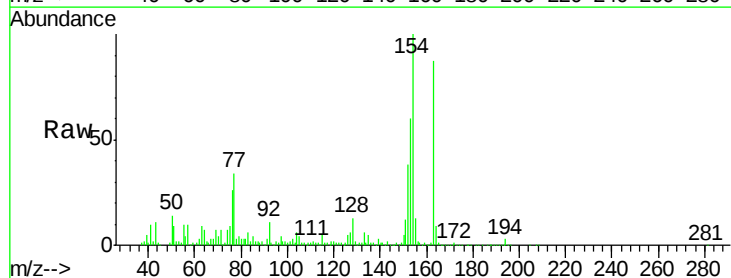
Tgt Ion:163 Resp: 377450

Ion Ratio Lower Upper

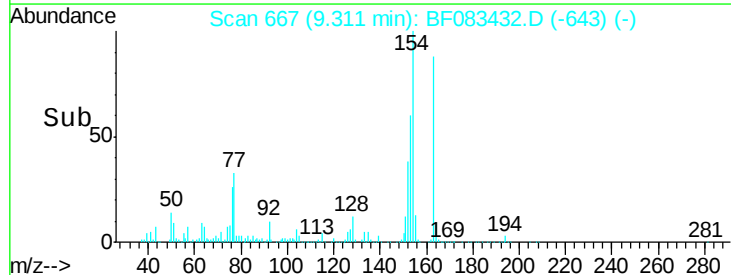
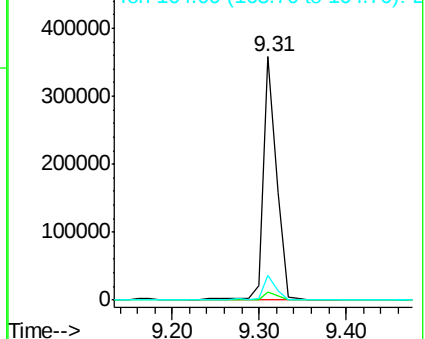
163 100

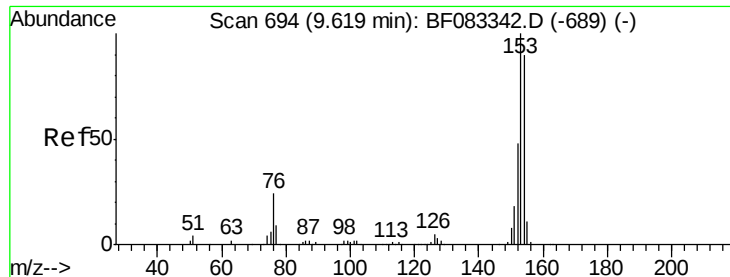
194 3.2 2.7 4.1

164 10.4 8.8 13.2



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





#51

Acenaphthene

Concen: 49.75 ng

RT: 9.61 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF083432.D

Acq: 2 Dec 2015 22:20

Instrument :

BNA_F

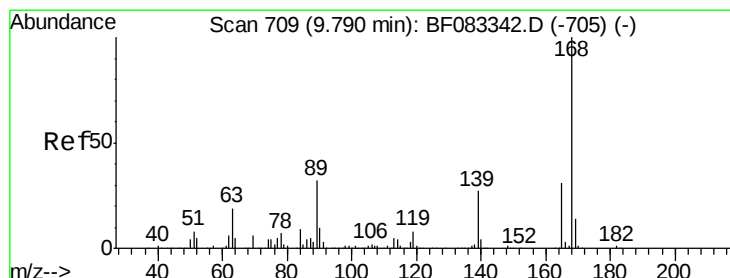
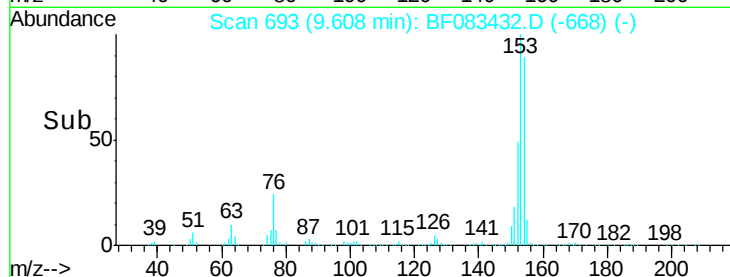
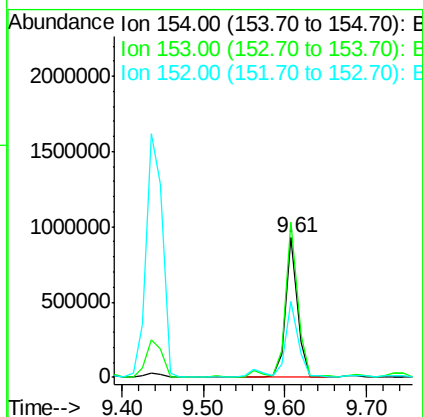
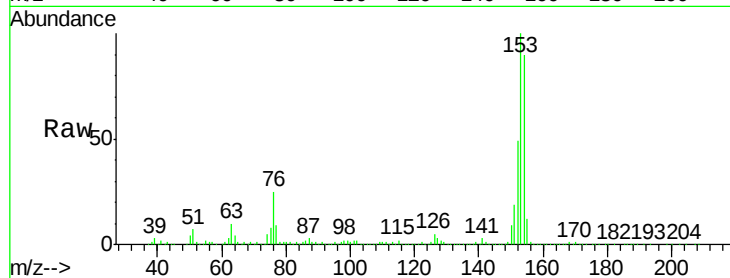
ClientSampleId :

SB-P3WC-02(8-11)

Tot Ion:	154	Resp:	930915
Ion Ratio	Lower	Upper	
154	100		
153	111.0	89.3	133.9
152	54.2	42.5	63.7

Manual Integrations
APPROVED

Mmdadoda
12/3/2015 7:09:49 PM



#54

Dibenzofuran

Concen: 9.84 ng

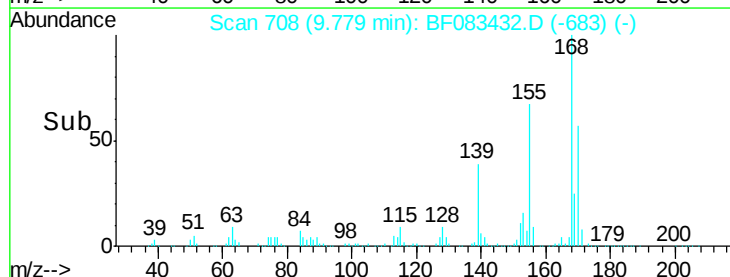
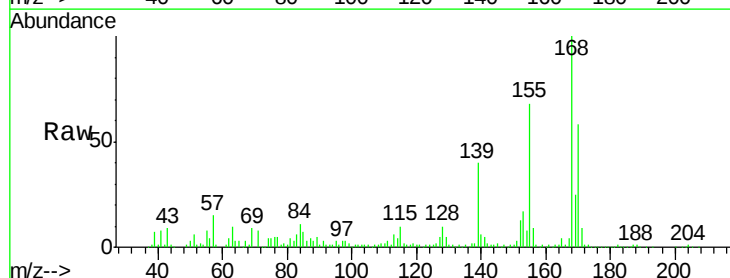
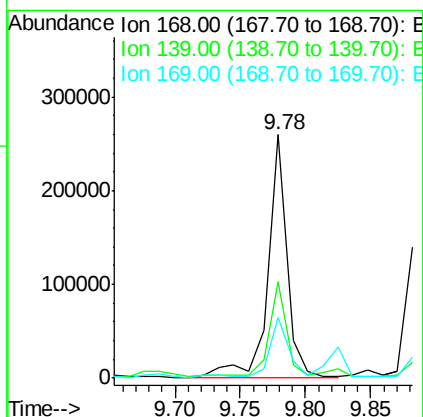
RT: 9.78 min Scan# 708

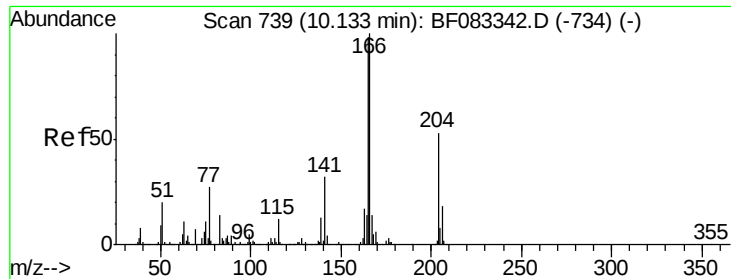
Delta R.T. -0.01 min

Lab File: BF083432.D

Acq: 2 Dec 2015 22:20

Tgt Ion:	168	Resp:	269798
Ion Ratio	Lower	Upper	
168	100		
139	39.7	32.7	49.1
169	24.8	11.1	16.7#





#57

Fluorene

Concen: 67.14 ng/mL

RT: 10.12 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF083432.D

Acq: 2 Dec 2015 22:20

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-02(8-11)

Tot Ion:166 Resp: 1453690

Ion Ratio Lower Upper

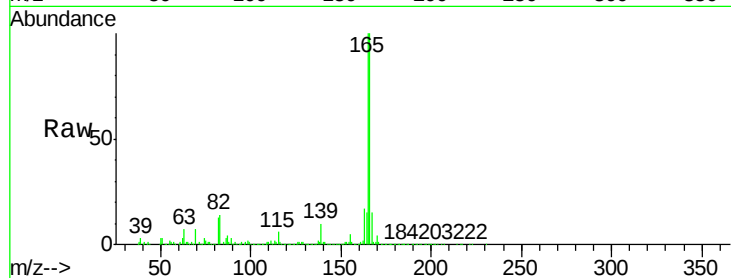
166 100

165 99.6 78.3 117.5

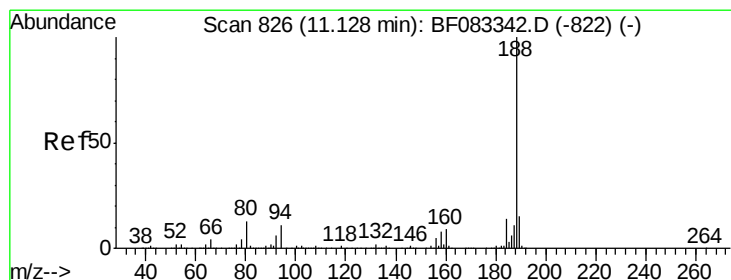
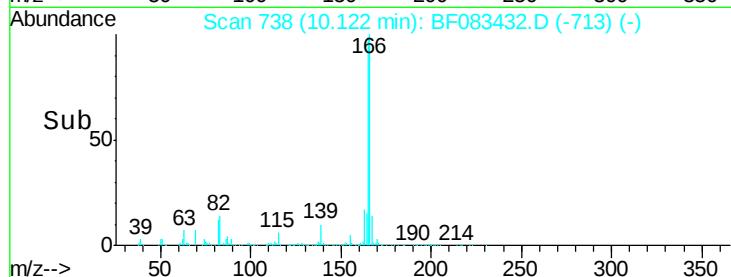
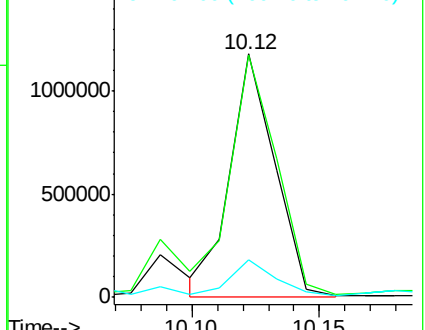
167 15.2 11.1 16.7

Manual Integrations
APPROVED

Mmdadoda
12/3/2015 7:09:49 PM



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/mL

RT: 11.12 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF083432.D

Acq: 2 Dec 2015 22:20

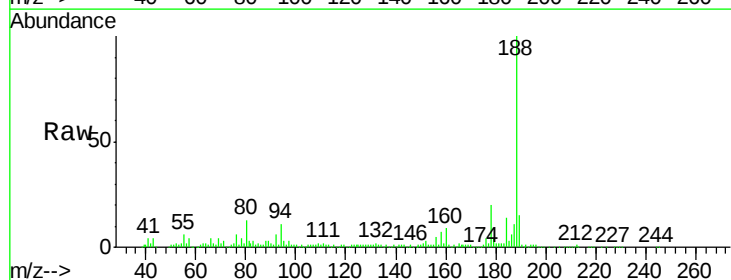
Tgt Ion:188 Resp: 524461

Ion Ratio Lower Upper

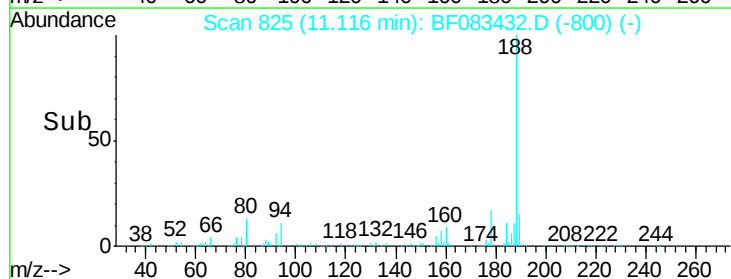
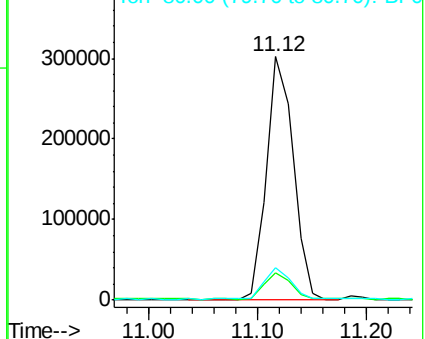
188 100

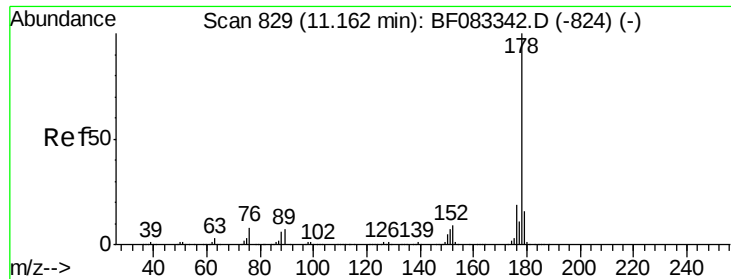
94 11.5 8.7 13.1

80 13.1 10.3 15.5



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: 217.66 ng m

RT: 11.16 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF083432.D

Acq: 2 Dec 2015 22:20

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-02(8-11)

Tot Ion:178 Resp: 6755479

Ion Ratio Lower Upper

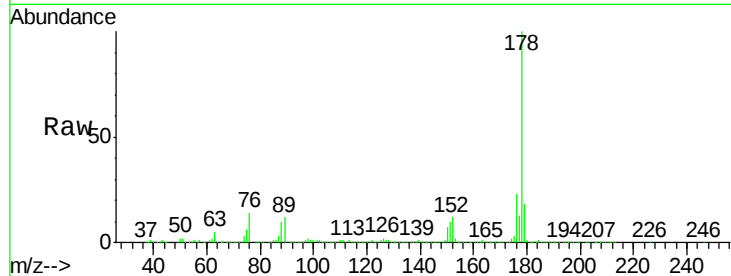
178 100

176 23.0 15.3 22.9#

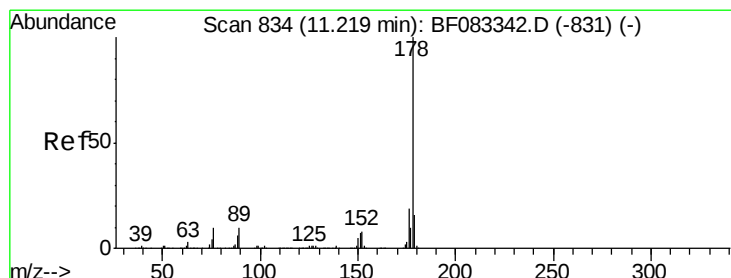
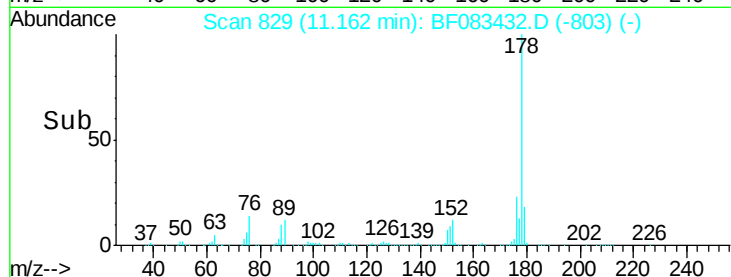
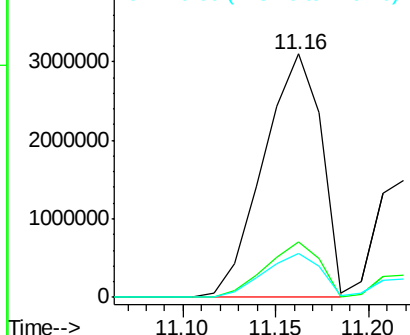
179 18.2 12.4 18.6

Manual Integrations
APPROVED

Mmdadoda
12/3/2015 7:09:49 PM



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: 69.25 ng m

RT: 11.22 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF083432.D

Acq: 2 Dec 2015 22:20

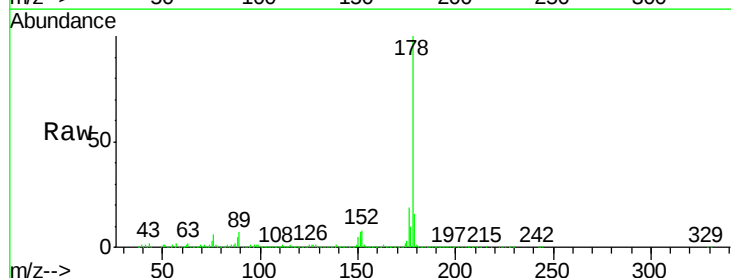
Tgt Ion:178 Resp: 2163856

Ion Ratio Lower Upper

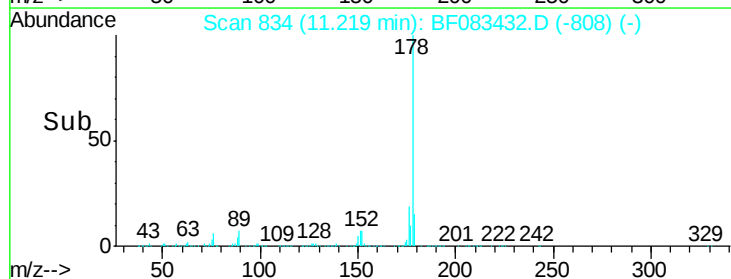
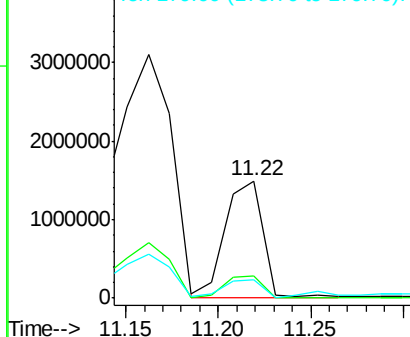
178 100

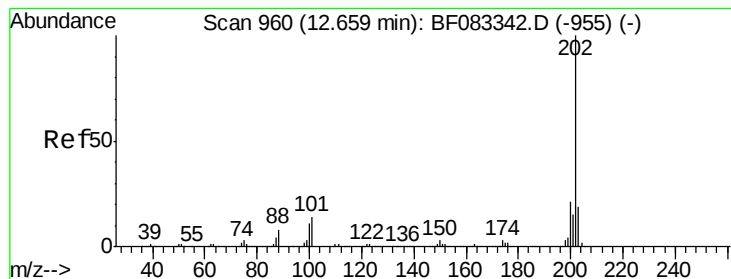
176 19.4 15.6 23.4

179 15.7 12.8 19.2



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





#74

Fluoranthene

Concen: 93.34 ng

RT: 12.66 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF083432.D

Acq: 2 Dec 2015 22:20

Instrument :

BNA_F

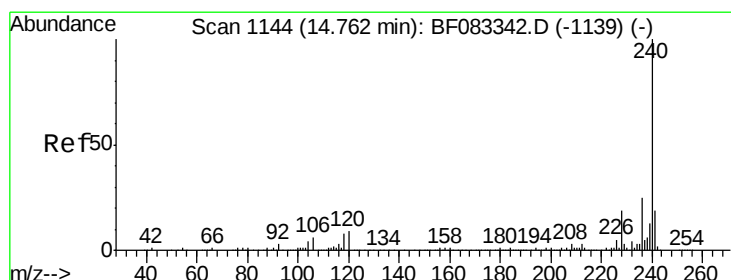
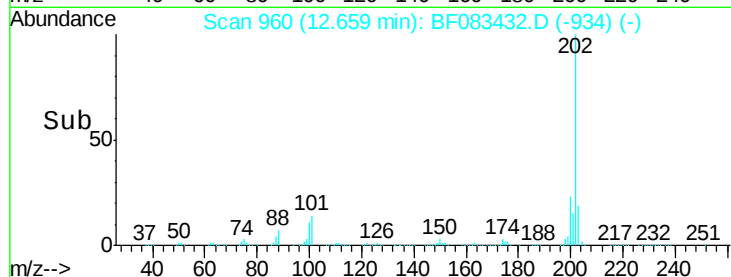
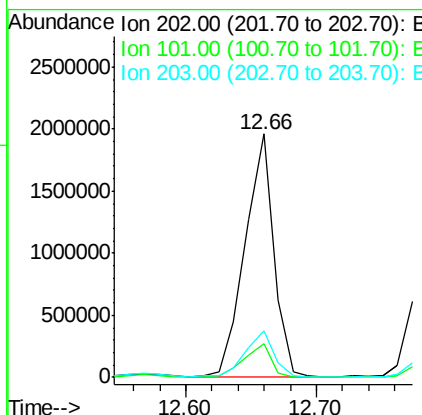
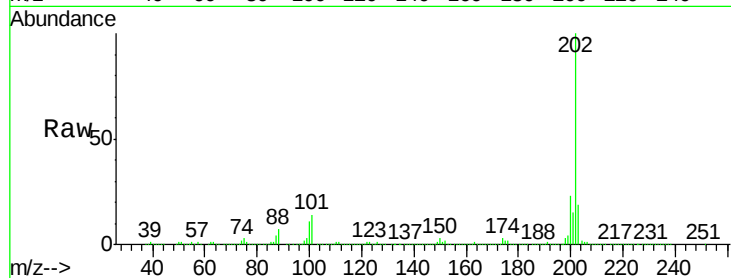
ClientSampleId :

SB-P3WC-02(8-11)

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	34.5
203	18.9	0.0	38.7

Manual Integrations
APPROVED

Mmdadoda
12/3/2015 7:09:49 PM



#75

Chrysene-d12

Concen: 20.00 ng

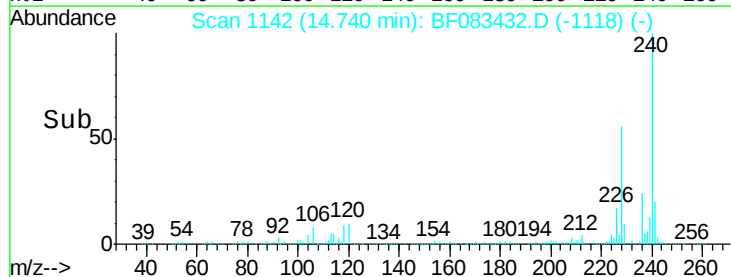
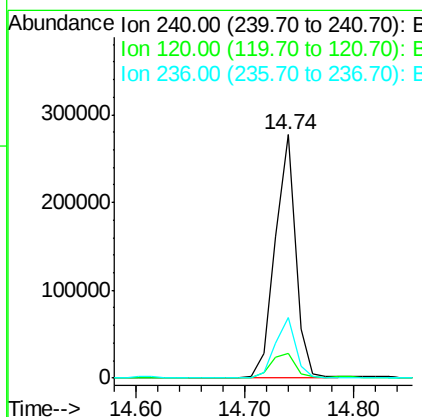
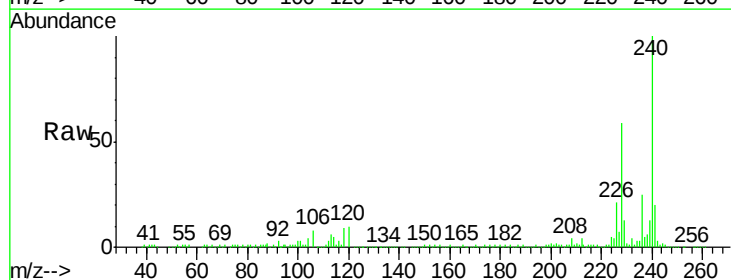
RT: 14.74 min Scan# 1142

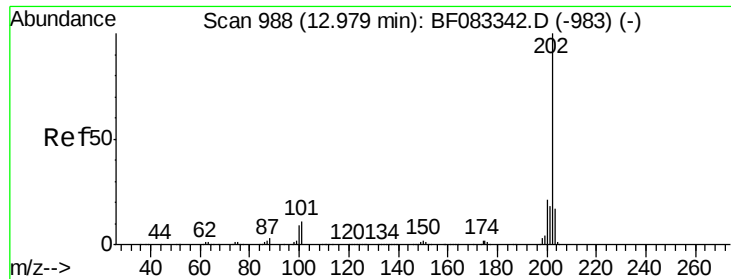
Delta R.T. -0.02 min

Lab File: BF083432.D

Acq: 2 Dec 2015 22:20

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.2	6.9	10.3
236	24.9	19.8	29.6





#77

Pvrene

Concen: 161.68 ng

RT: 12.98 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF083432.D

Acq: 2 Dec 2015 22:20

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-02(8-11)

Tot Ion:202 Resp: 4133370

Ion Ratio Lower Upper

202 100

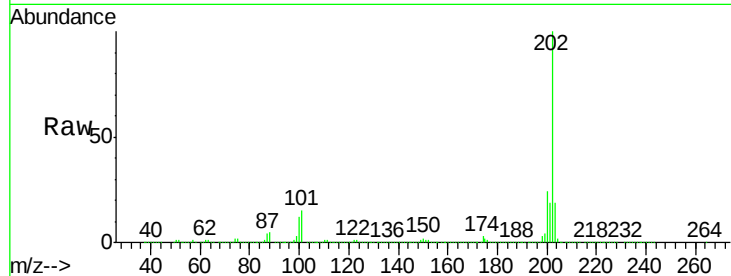
200 23.7 16.9 25.3

203 19.1 13.9 20.9

Manual Integrations
APPROVED

Mmdadoda

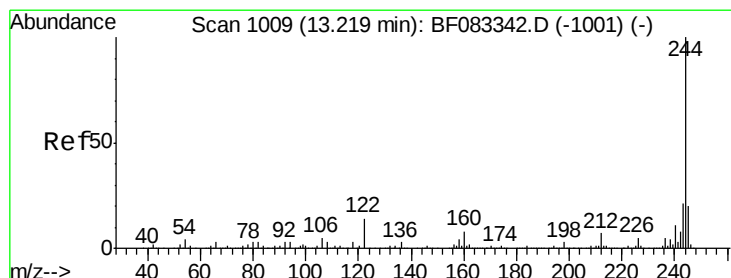
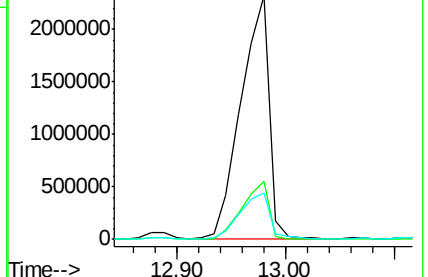
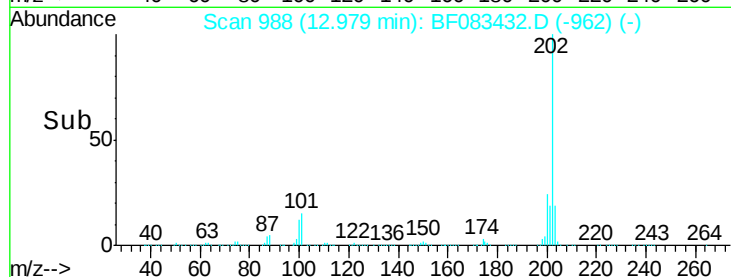
12/3/2015 7:09:49 PM



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: 97.08 ng

RT: 13.21 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF083432.D

Acq: 2 Dec 2015 22:20

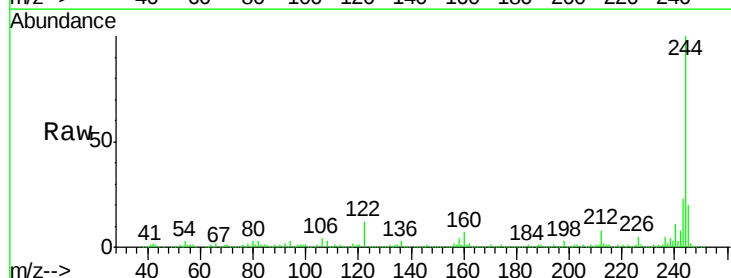
Tgt Ion:244 Resp: 1490144

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

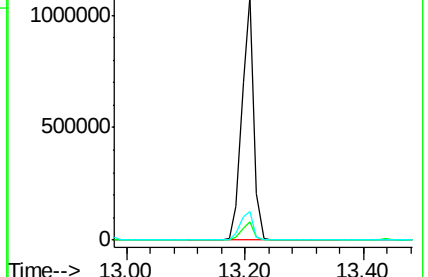
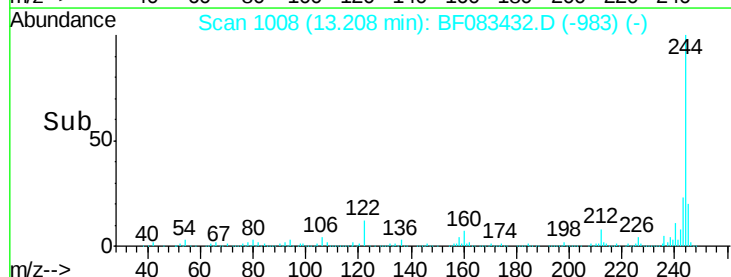
122 11.7 11.0 16.4

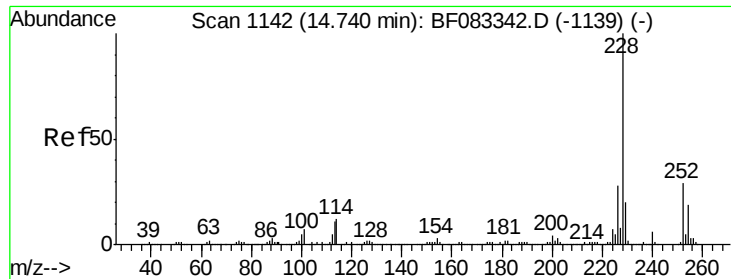


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





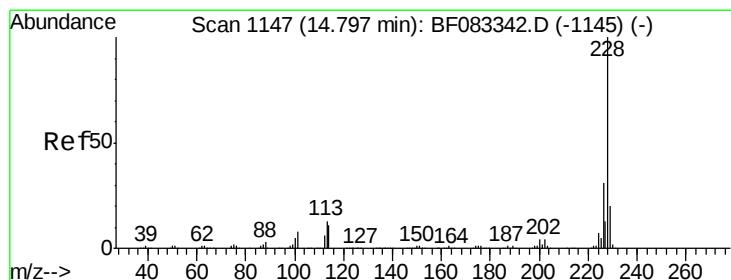
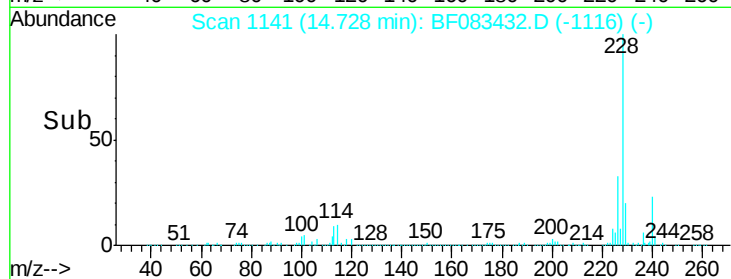
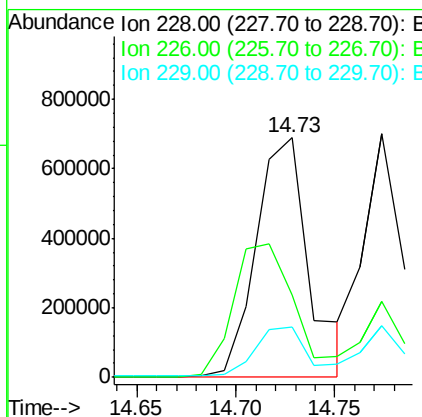
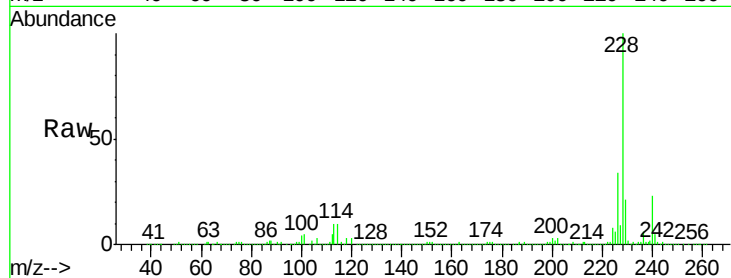
#80
Benzo(a)anthracene
Concen: 57.07 ng m
RT: 14.73 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF083432.D
Acq: 2 Dec 2015 22:20

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-02(8-11)

Tot Ion:228 Resp: 1279878
Ion Ratio Lower Upper
228 100
226 34.3 22.2 33.4#
229 20.9 16.1 24.1

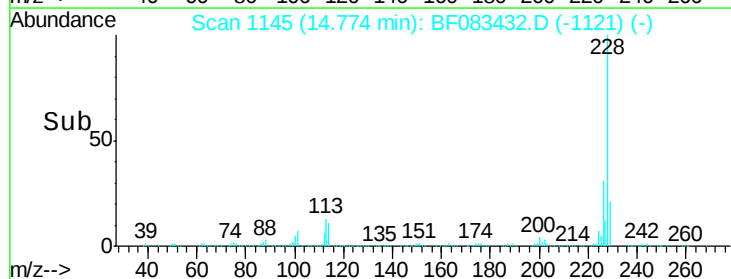
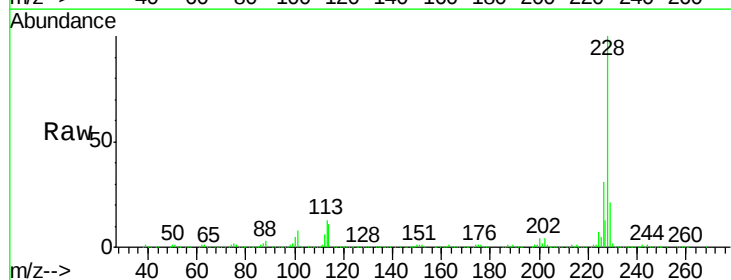
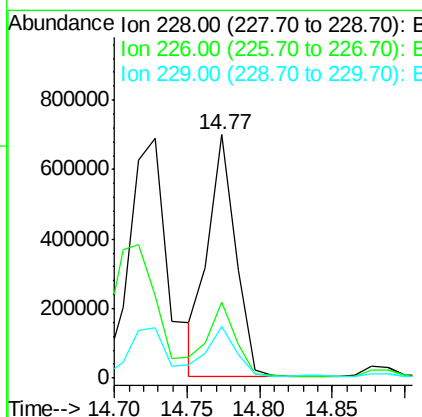
Manual Integrations
APPROVED

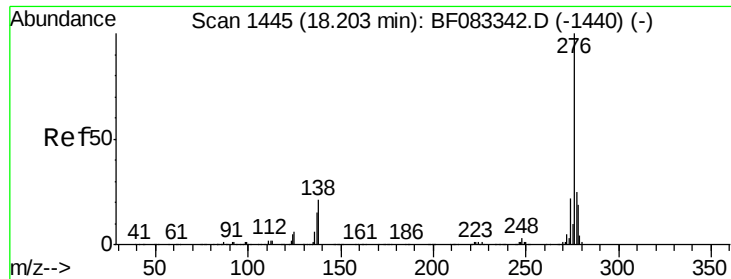
Mmdadoda
12/3/2015 7:09:49 PM



#82
Chrysene
Concen: 42.67 ng
RT: 14.77 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BF083432.D
Acq: 2 Dec 2015 22:20

Tgt Ion:228 Resp: 924695
Ion Ratio Lower Upper
228 100
226 31.2 24.6 37.0
229 21.3 16.2 24.2





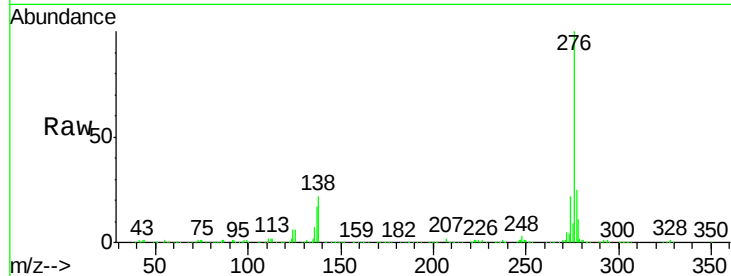
#85
Indeno(1,2,3-cd)pyrene
Concen: 27.42 ng
RT: 18.17 min Scan# 1442
Delta R.T. -0.03 min
Lab File: BF083432.D
Acq: 2 Dec 2015 22:20

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-02(8-11)

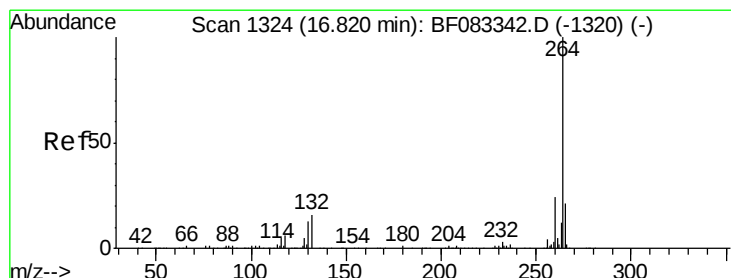
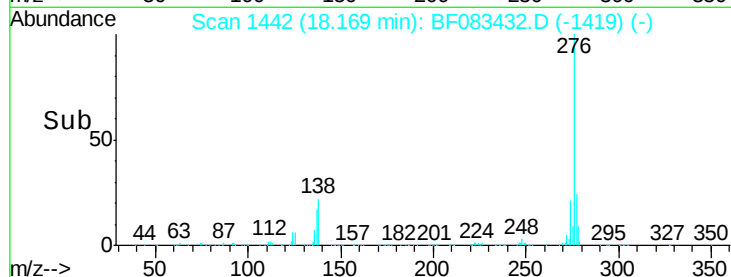
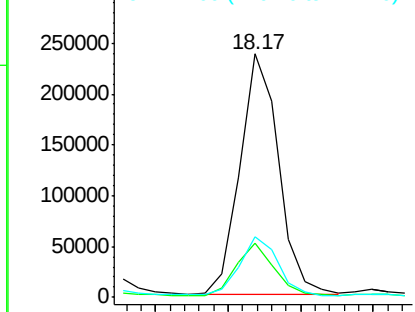
Tot Ion	Ratio	Lower	Upper
276	100		
138	22.3	21.2	31.8
277	24.9	20.0	30.0

Manual Integrations
APPROVED

Mmdadoda
12/3/2015 7:09:49 PM

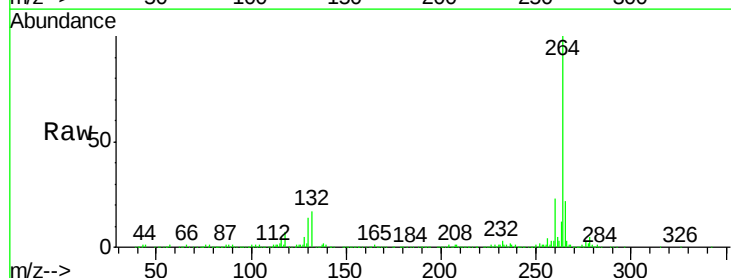


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

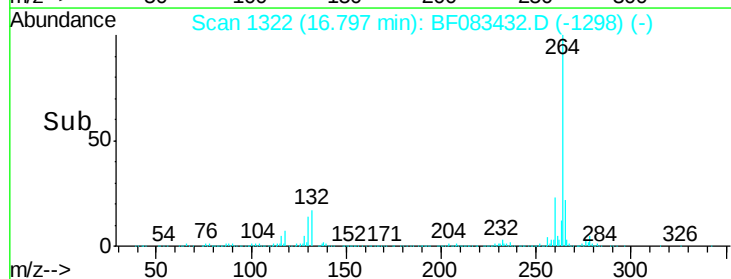
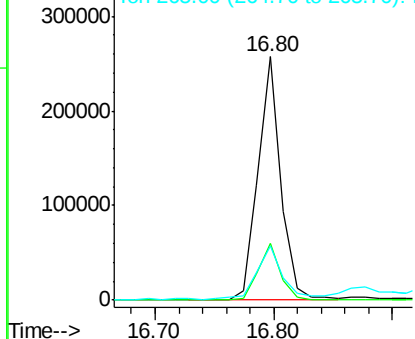


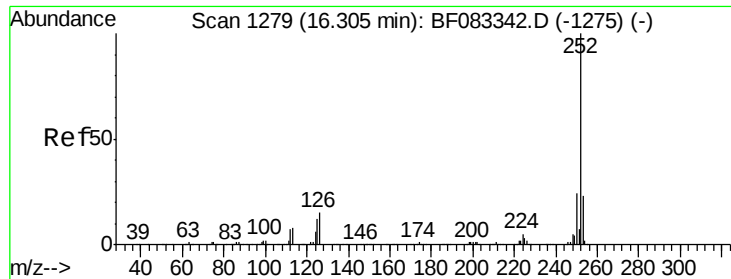
#86
Perylene-d12
Concen: 20.00 ng
RT: 16.80 min Scan# 1322
Delta R.T. -0.02 min
Lab File: BF083432.D
Acq: 2 Dec 2015 22:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.4
265	22.1	16.8	25.2



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: 37.06 ng m

RT: 16.29 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF083432.D

Acq: 2 Dec 2015 22:20

Instrument :

BNA_F

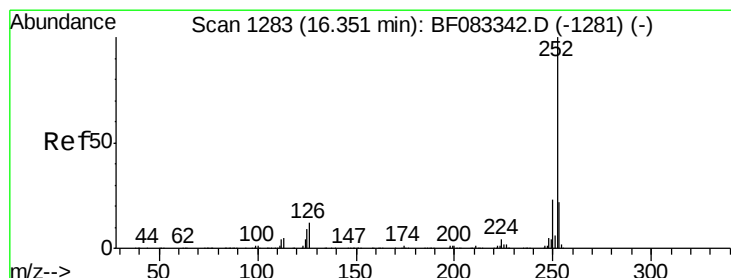
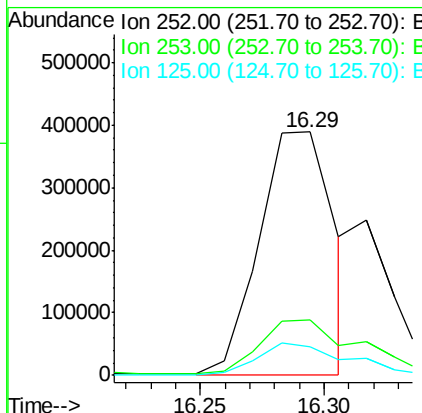
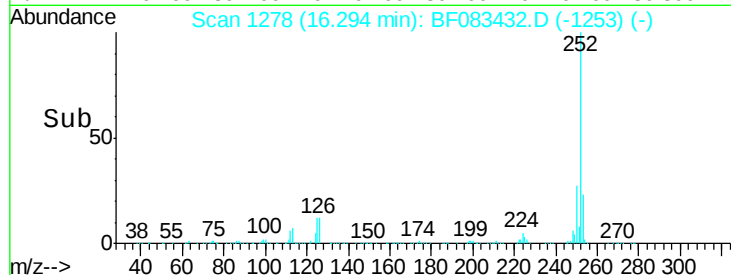
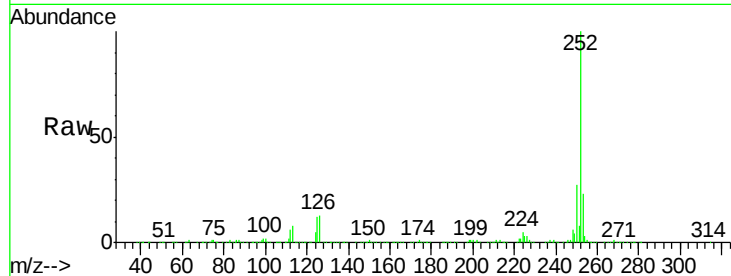
ClientSampleId :

SB-P3WC-02(8-11)

Tot Ion:	252	Resp:	815998
Ion Ratio	Lower	Upper	
252	100		
253	23.0	18.4	27.6
125	11.9	9.6	14.4

Manual Integrations
APPROVED

Mmdadoda
12/3/2015 7:09:49 PM



#88

Benzo(k)fluoranthene

Concen: 13.54 ng m

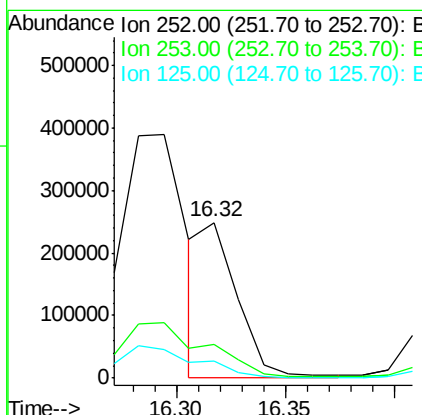
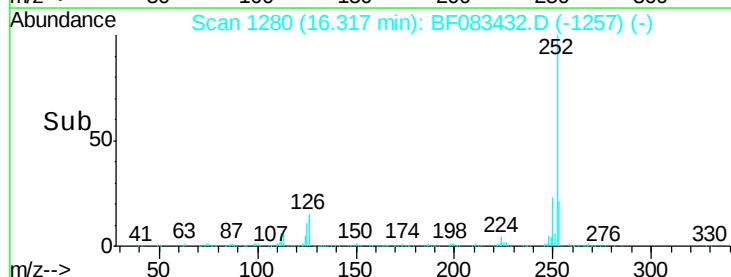
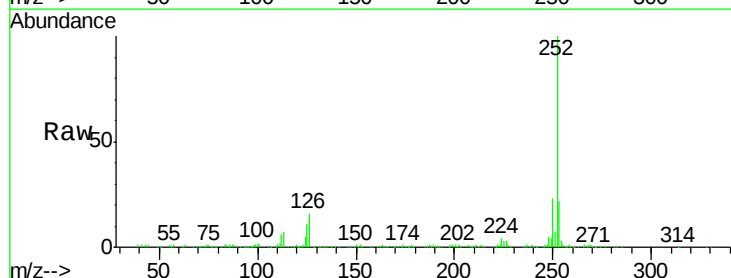
RT: 16.32 min Scan# 1280

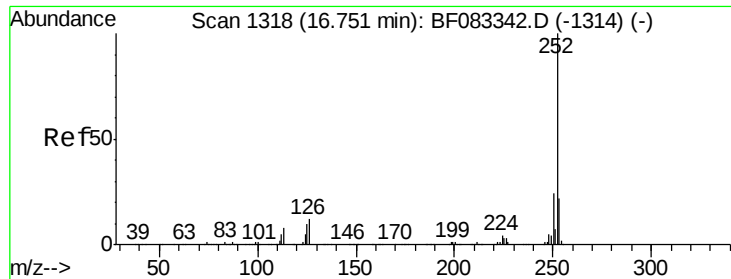
Delta R.T. -0.03 min

Lab File: BF083432.D

Acq: 2 Dec 2015 22:20

Tgt Ion:	252	Resp:	281469
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.4	26.0
125	11.3	7.5	11.3#





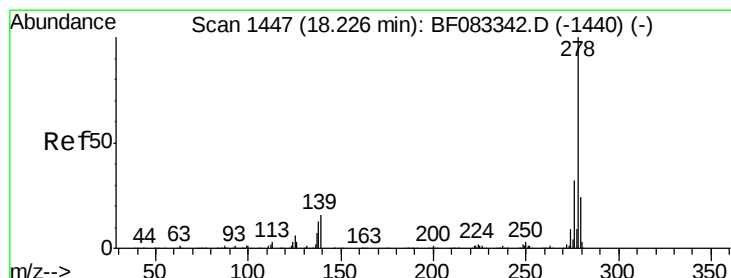
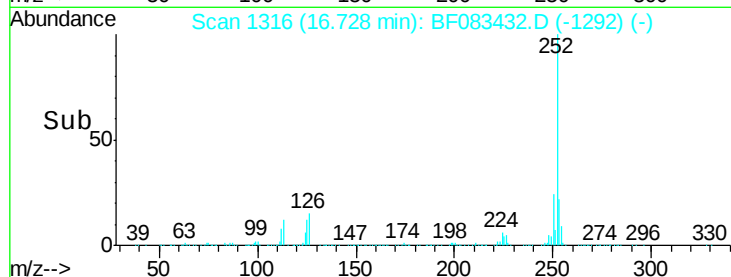
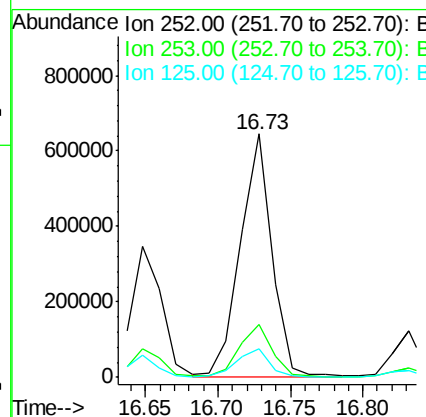
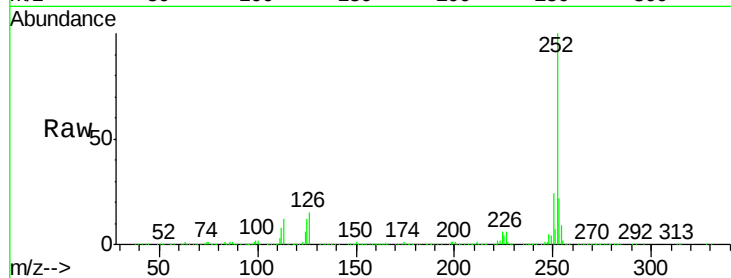
#89
Benzo(a)pyrene
Concen: 51.41 ng
RT: 16.73 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BF083432.D
Acq: 2 Dec 2015 22:20

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-02(8-11)

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	11.7	7.8	11.8

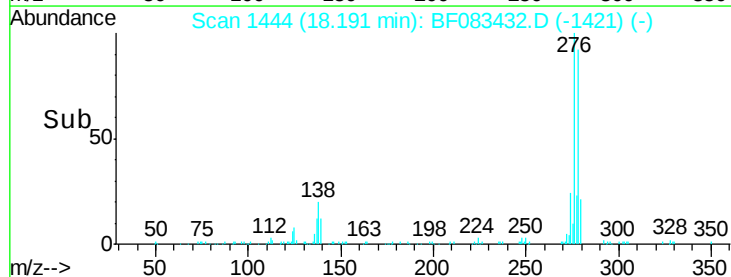
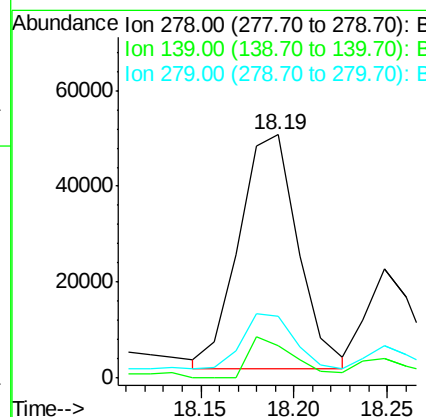
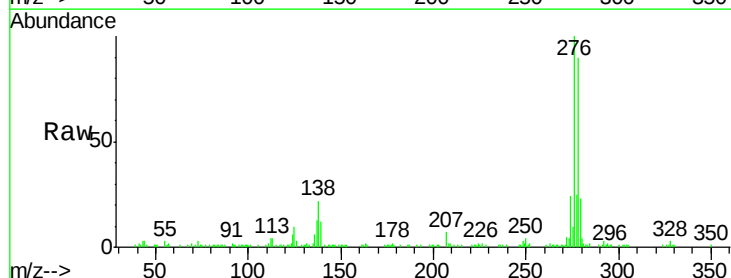
Manual Integrations
APPROVED

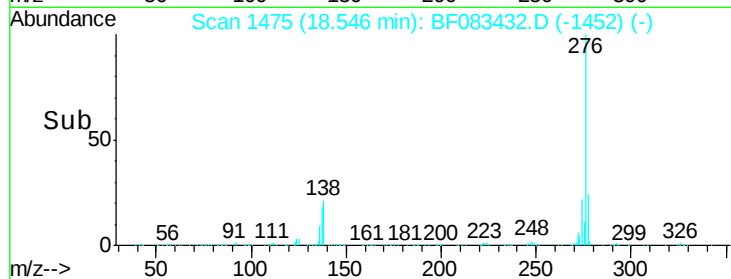
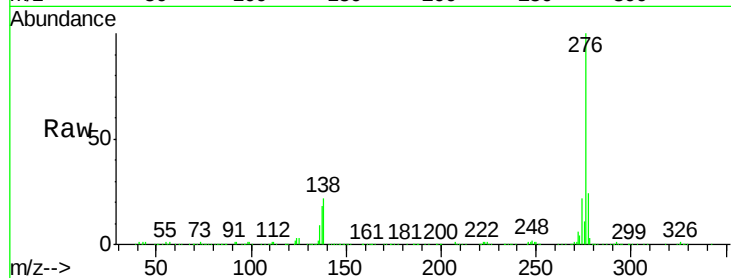
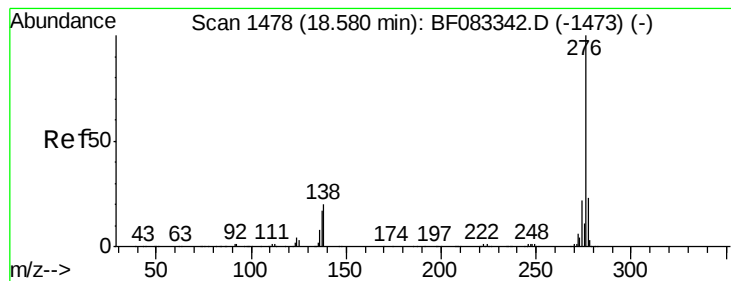
Mmdadoda
12/3/2015 7:09:49 PM



#90
Dibenzo(a,h)anthracene
Concen: 6.55 ng
RT: 18.19 min Scan# 1444
Delta R.T. -0.03 min
Lab File: BF083432.D
Acq: 2 Dec 2015 22:20

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.6	13.1	19.7
279	25.6	19.2	28.8





#91

Benzo(a,h,i)perylene

Concen: 29.85 ng

RT: 18.55 min Scan# 1475

Delta R.T. -0.03 min

Lab File: BF083432.D

Acq: 2 Dec 2015 22:20

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-02(8-11)

Tot Ion:	276	Resp:	482889
Ion Ratio	Lower	Upper	
276	100		
277	24.0	18.6	28.0
138	21.9	16.1	24.1

Manual Integrations
APPROVED

Mmdadoda
12/3/2015 7:09:49 PM

