

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
 Data File : BF084882.D
 Acq On : 6 Feb 2016 1:37
 Operator : SJ/IZ
 Sample : H1311-05 2X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B018(15-17)

Manual Integrations
 APPROVED

UMANGI
 2/8/2016 3:03:12 PM

Quant Time: Feb 06 04:03:39 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	174656	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	717633	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	313088	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	553596	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	360945	20.00	ng	-0.03
86) Perylene-d12	15.17	264	313252	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	678522	60.51	ng	-0.02
7) Phenol-d6	6.30	99	807301	58.07	ng	-0.03
23) Nitrobenzene-d5	7.23	82	587002	46.08	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	190995	58.48	ng	-0.03
44) 2-Fluorobiphenyl	9.02	172	854204	38.40	ng	-0.03
78) Terphenyl-d14	12.76	244	627755	39.41	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	9.42	163	149530	6.27	ng	# 91
70) Phenanthrene	11.20	178	154994	5.05	ng	99
71) Anthracene	11.20	178	154994	5.01	ng	98
74) Fluoranthene	12.37	202	170374	5.48	ng	99
77) Pyrene	12.60	202	151893	5.50	ng	100
80) Benzo(a)anthracene	13.79	228	51878m	2.32	ng	
82) Chrysene	13.83	228	52458m	2.41	ng	
87) Benzo(b)fluoranthene	14.80	252	55907m	2.66	ng	
89) Benzo(a)pyrene	15.12	252	42134	2.35	ng	95

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

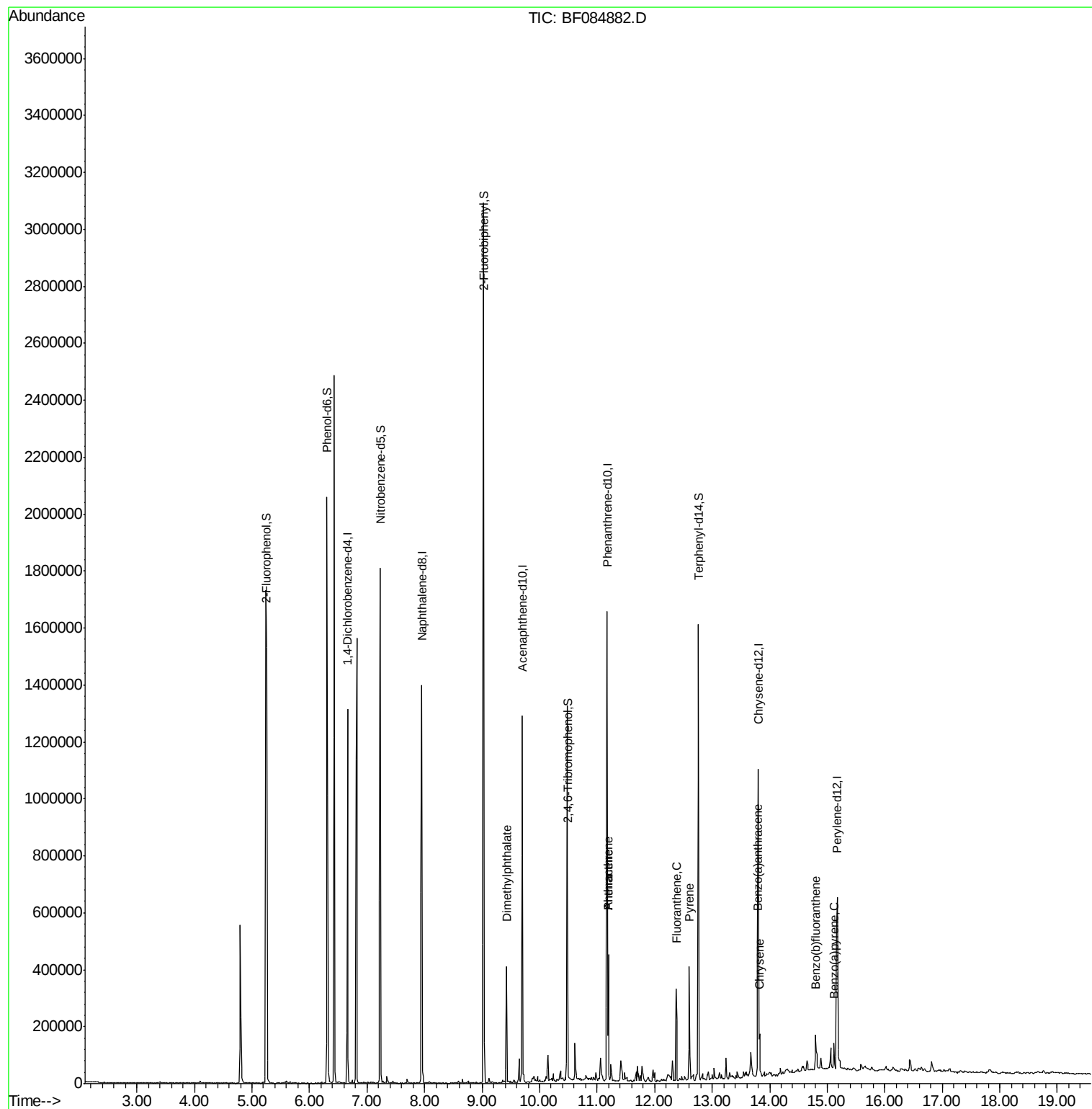
Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
Data File : BF084882.D
Acq On : 6 Feb 2016 1:37
Operator : SJ/IZ
Sample : H1311-05 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

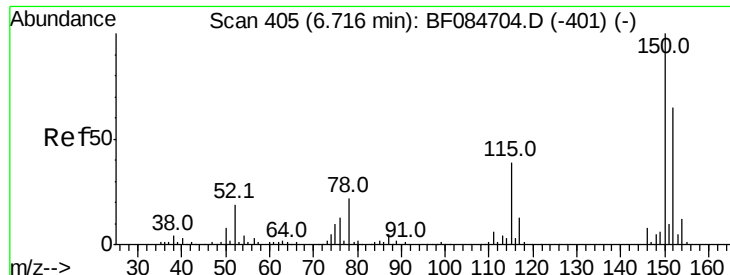
Instrument :
BNA_F
ClientSampleId :
SUP-B018(15-17)

Manual Integrations
APPROVED

UMANGI
2/8/2016 3:03:12 PM

Quant Time: Feb 06 04:03:39 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF084882.D

Acq: 6 Feb 2016 1:37

Instrument :

BNA_F

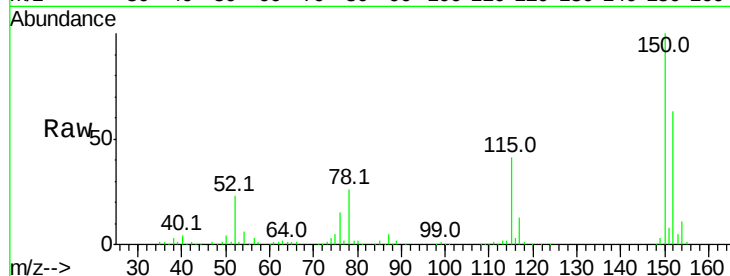
ClientSampleId :

SUP-B018(15-17)

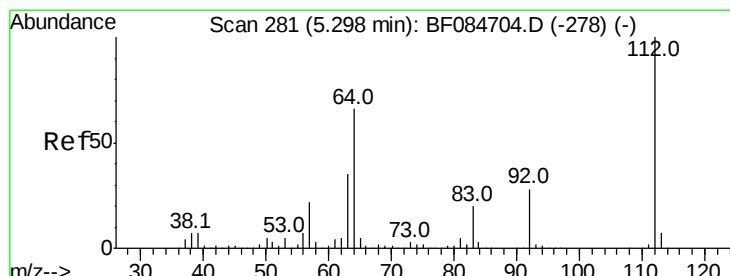
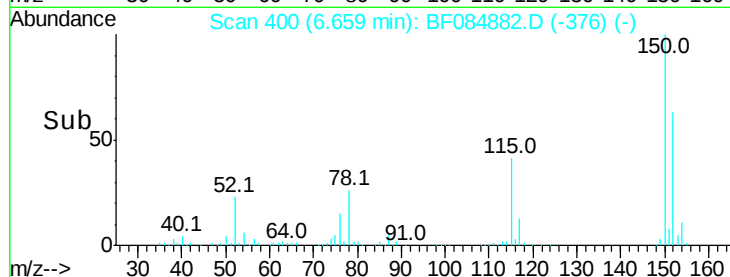
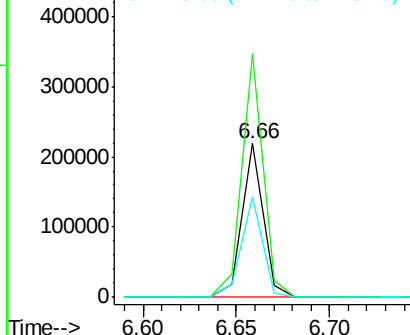
Tot Ion:	152	Resp:	174656
Ion Ratio	Lower	Upper	
152	100		
150	158.7	123.0	184.4
115	65.6	51.4	77.2

Manual Integrations
APPROVED

UMANGI
2/8/2016 3:03:12 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: 60.51 ng

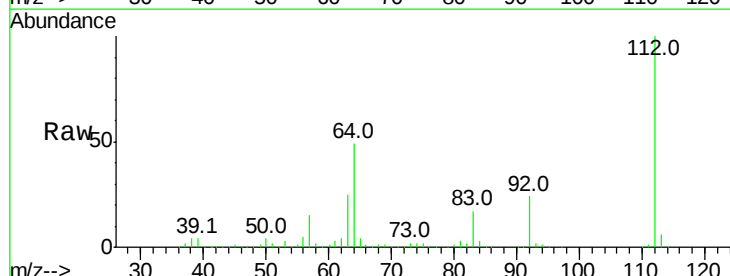
RT: 5.25 min Scan# 277

Delta R.T. -0.02 min

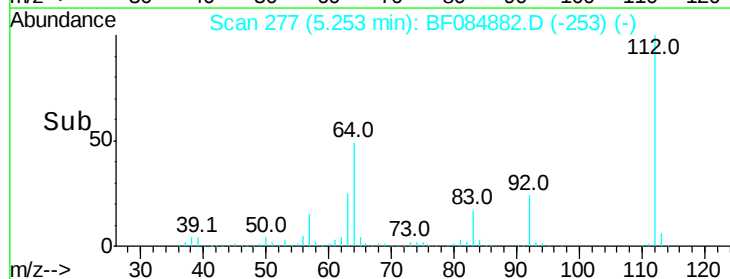
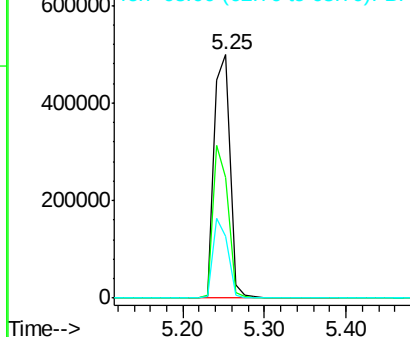
Lab File: BF084882.D

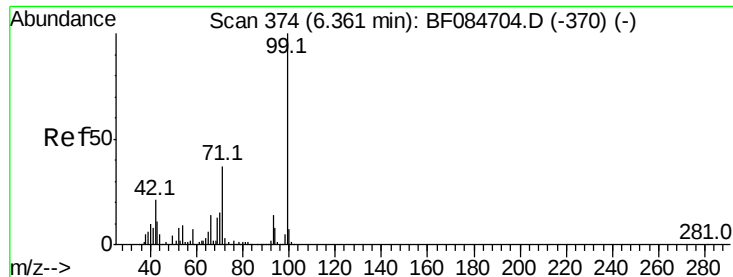
Acq: 6 Feb 2016 1:37

Tgt Ion:	112	Resp:	678522
Ion Ratio	Lower	Upper	
112	100		
64	49.4	36.6	55.0
63	25.4	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: 58.07 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.03 min

Lab File: BF084882.D

Acq: 6 Feb 2016 1:37

Instrument :

BNA_F

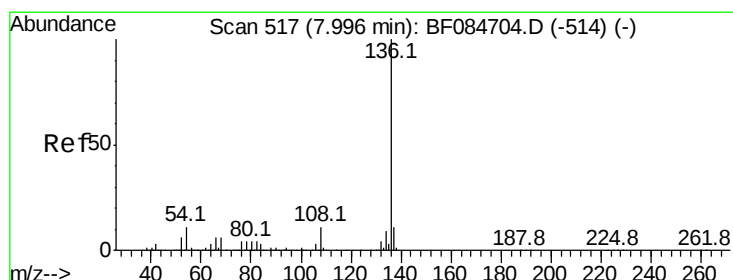
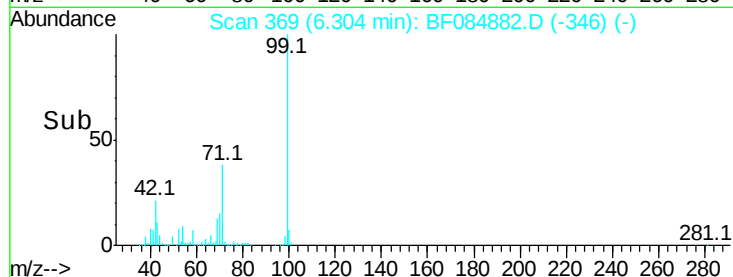
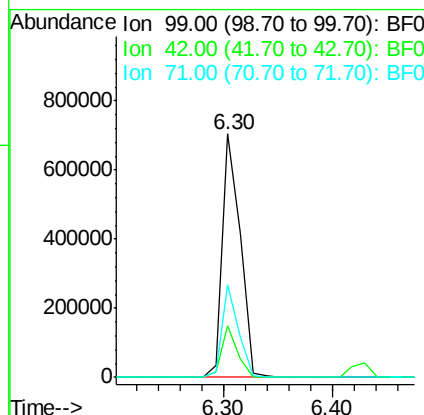
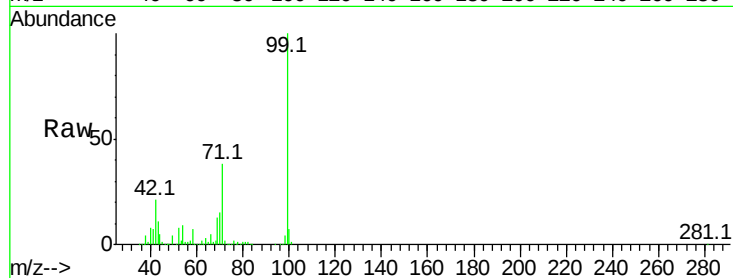
ClientSampleId :

SUP-B018(15-17)

Tot Ion:	99	Resp:	807301
Ion Ratio	Lower	Upper	
99	100		
42	21.3	12.8	19.2#
71	38.1	30.9	46.3

Manual Integrations
APPROVED

UMANGI
2/8/2016 3:03:12 PM



#21

Naphthalene-d8

Concen: 20.00 ng

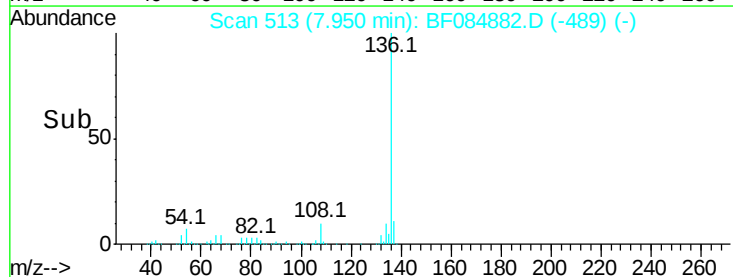
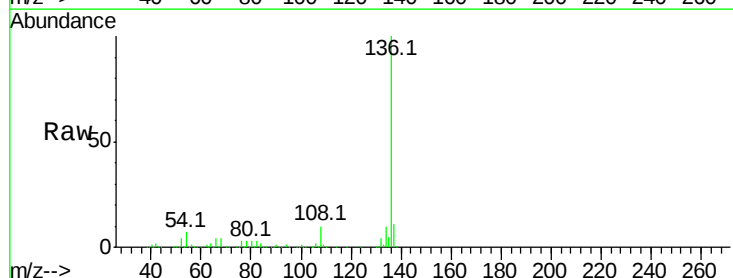
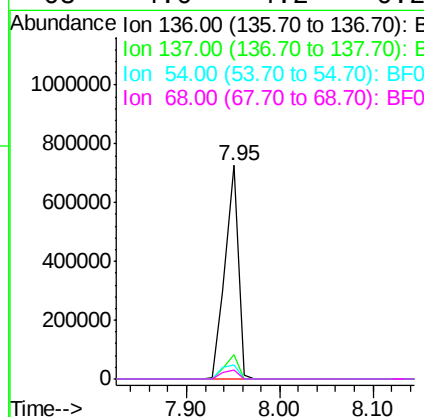
RT: 7.95 min Scan# 513

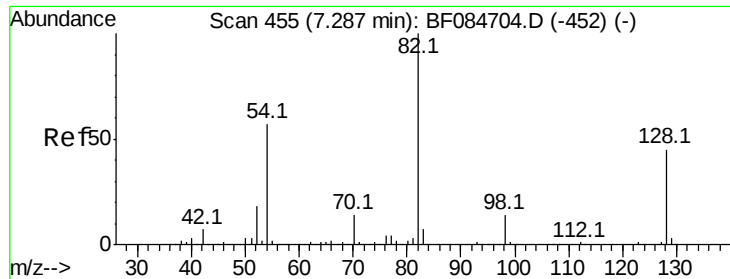
Delta R.T. -0.02 min

Lab File: BF084882.D

Acq: 6 Feb 2016 1:37

Tgt Ion:	136	Resp:	717633
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.7	13.1
54	6.9	5.8	8.8
68	4.0	4.2	6.2#





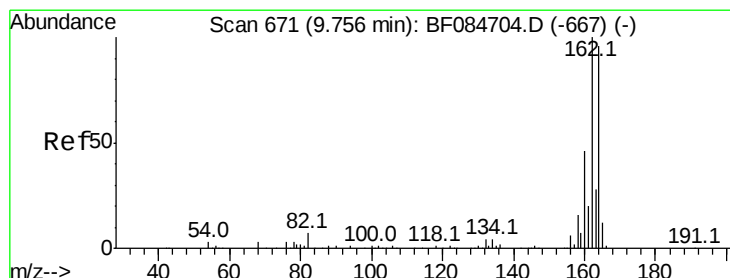
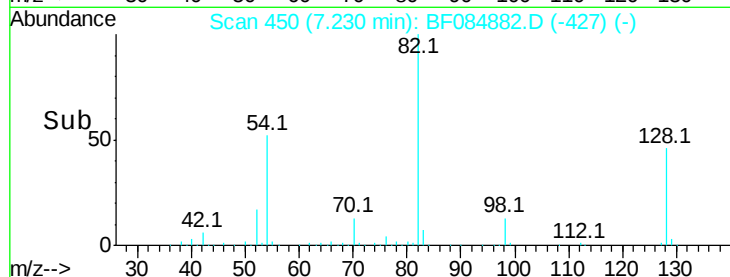
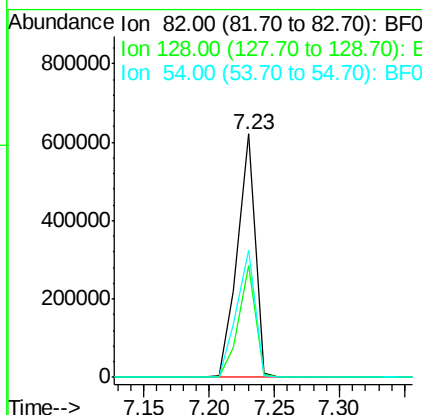
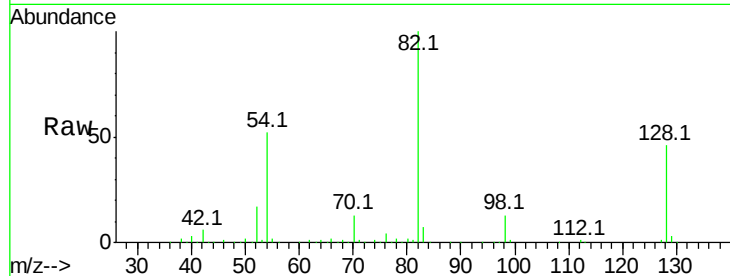
#23
 Nitrobenzene-d5
 Concen: 46.08 ng
 RT: 7.23 min Scan# 450
 Delta R.T. -0.03 min
 Lab File: BF084882.D
 Acq: 6 Feb 2016 1:37

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B018(15-17)

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.9	34.6	51.8
54	52.4	38.4	57.6

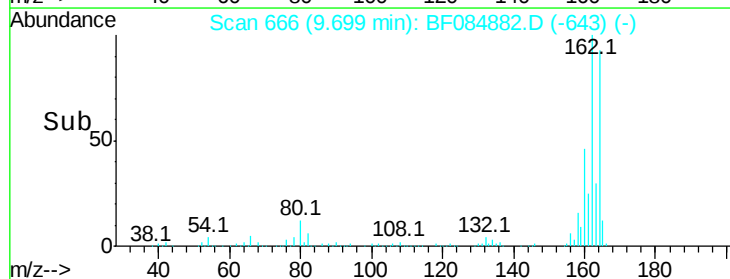
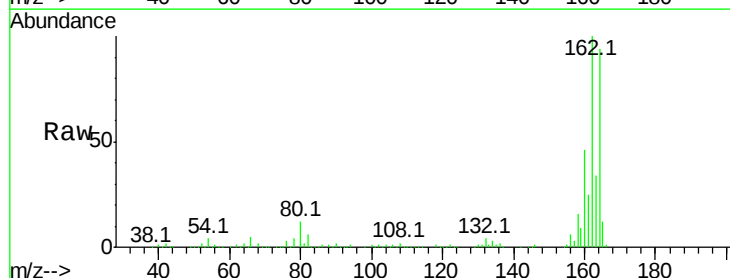
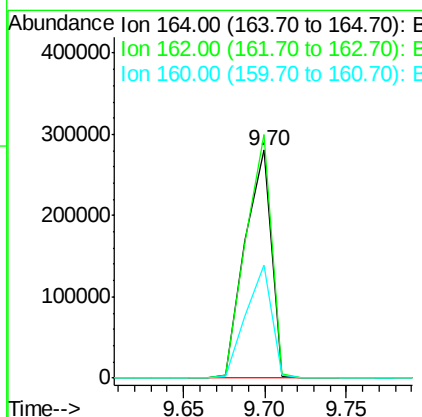
Manual Integrations
 APPROVED

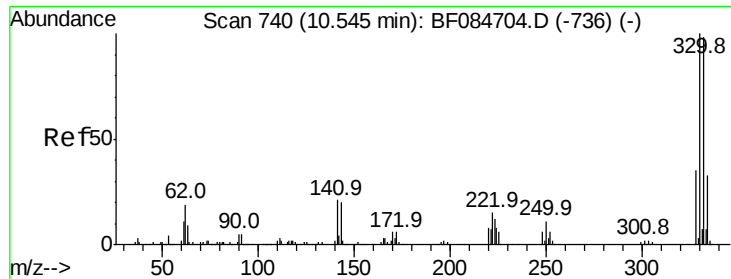
UMANGI
 2/8/2016 3:03:12 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 666
 Delta R.T. -0.03 min
 Lab File: BF084882.D
 Acq: 6 Feb 2016 1:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.9	85.1	127.7
160	49.5	37.5	56.3





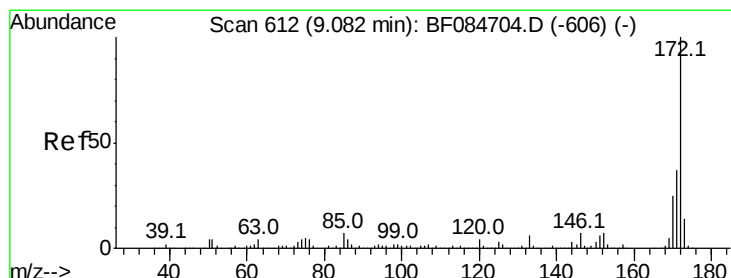
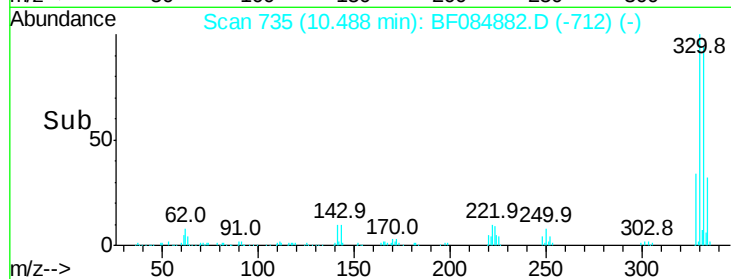
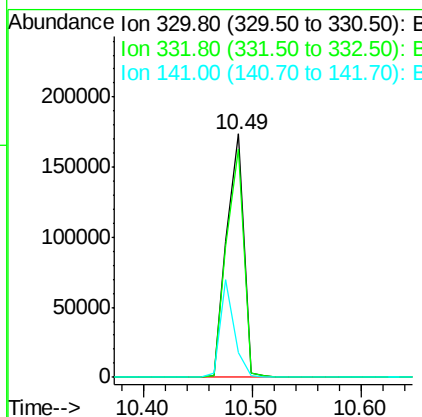
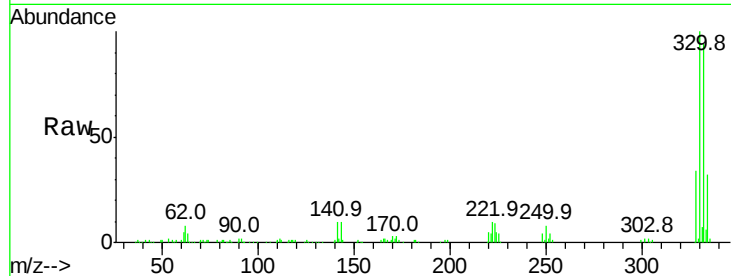
#41
 2,4,6-Tribromophenol
 Concen: 58.48 ng
 RT: 10.49 min Scan# 735
 Delta R.T. -0.03 min
 Lab File: BF084882.D
 Acq: 6 Feb 2016 1:37

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B018(15-17)

Tot Ion	Ratio	Resp	Lower	Upper
330	100	190995		
332	94.7	76.6	114.8	
141	33.1	27.8	41.6	

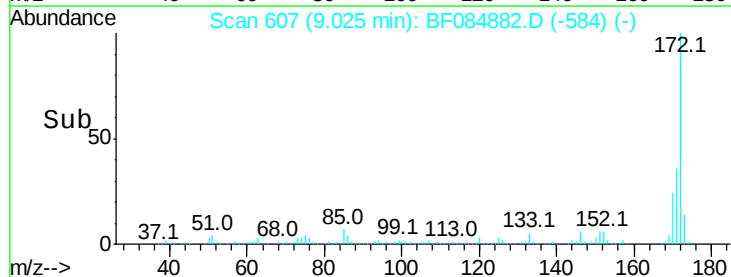
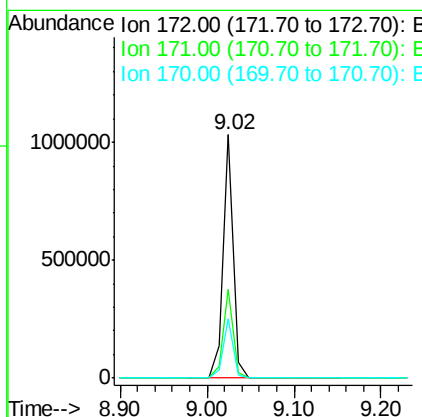
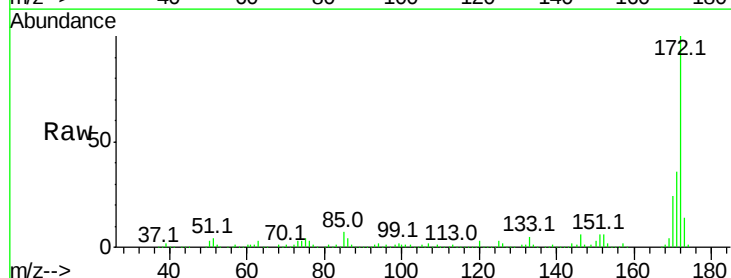
Manual Integrations
 APPROVED

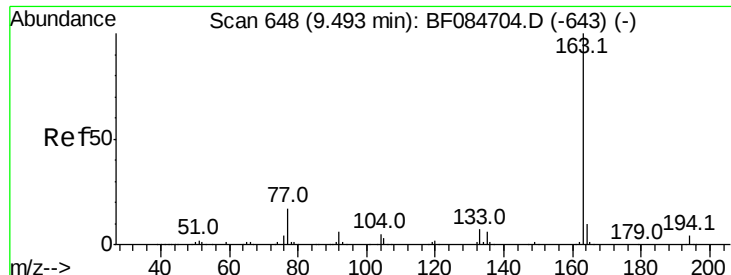
UMANGI
 2/8/2016 3:03:12 PM



#44
 2-Fluorobiphenyl
 Concen: 38.40 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.03 min
 Lab File: BF084882.D
 Acq: 6 Feb 2016 1:37

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	854204		
171	36.3	28.9	43.3	
170	24.3	18.6	27.8	





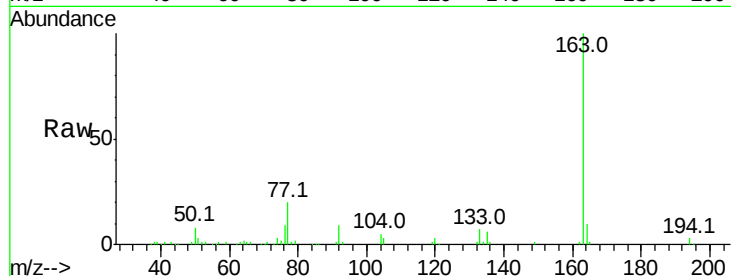
#49
Dimethylphthalate
Concen: 6.27 ng
RT: 9.42 min Scan# 642
Delta R.T. -0.05 min
Lab File: BF084882.D
Acq: 6 Feb 2016 1:37

Instrument :
BNA_F
ClientSampleId :
SUP-B018(15-17)

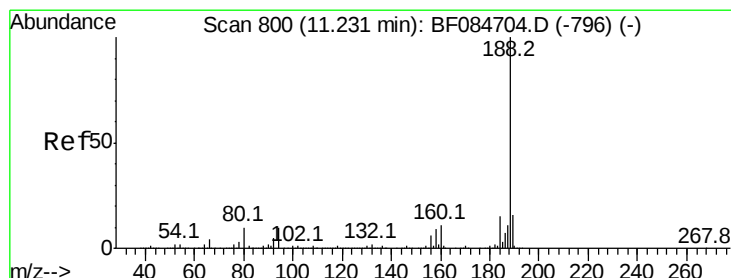
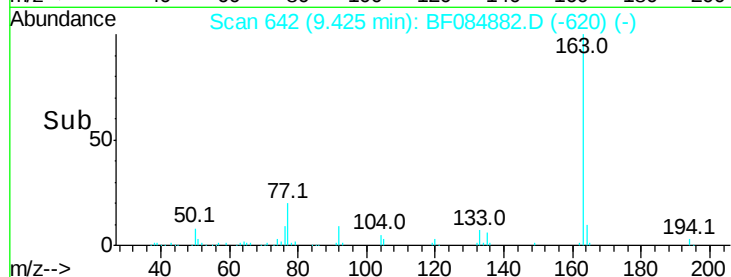
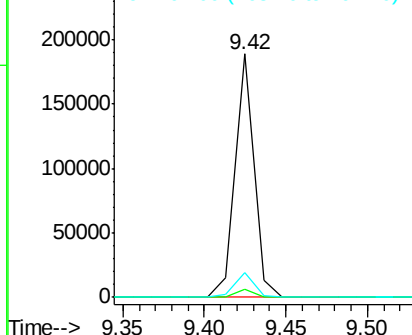
Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.2	8.0	12.0#
164	10.1	8.0	12.0

Manual Integrations
APPROVED

UMANGI
2/8/2016 3:03:12 PM

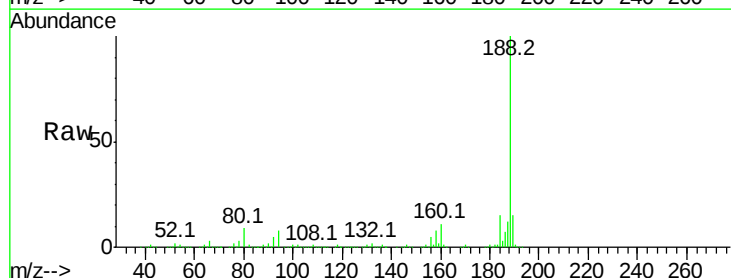


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

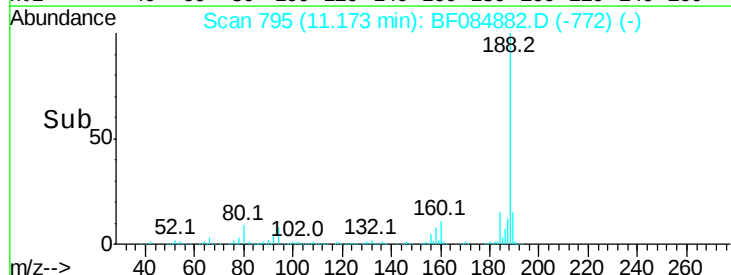
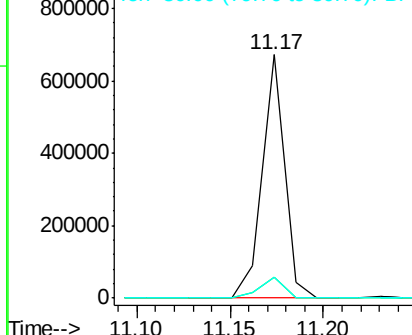


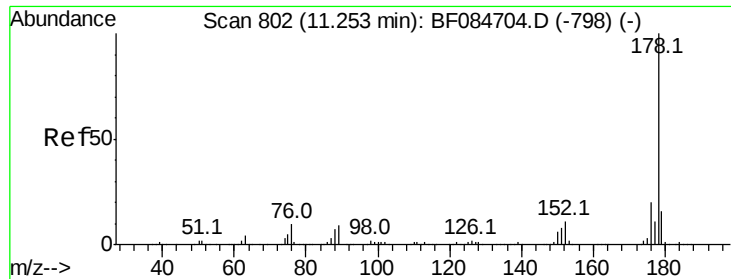
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 795
Delta R.T. -0.03 min
Lab File: BF084882.D
Acq: 6 Feb 2016 1:37

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	8.4	9.0	13.4#
80	8.7	9.6	14.4#



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





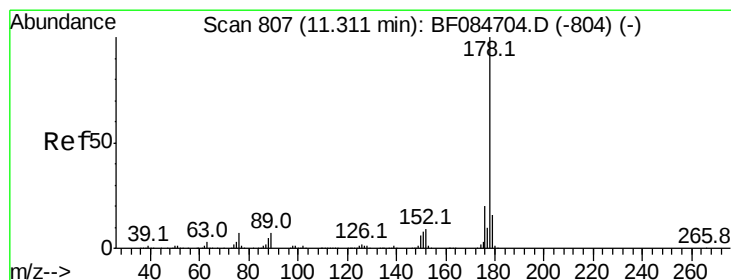
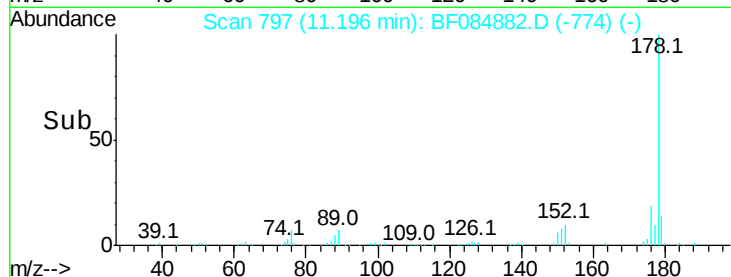
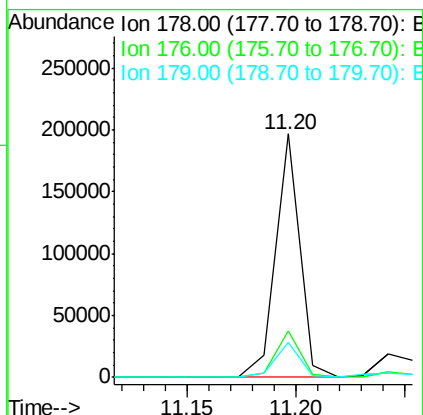
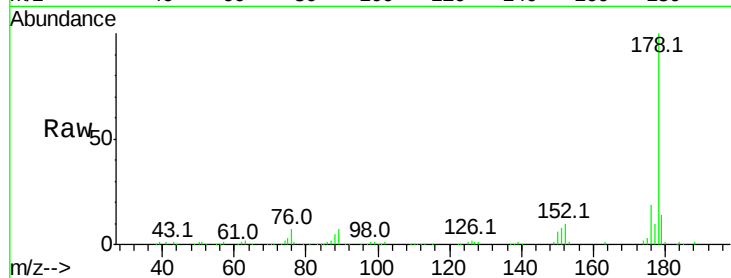
#70
Phenanthrene
Concen: 5.05 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.03 min
Lab File: BF084882.D
Acq: 6 Feb 2016 1:37

Instrument :
BNA_F
ClientSampleId :
SUP-B018(15-17)

Tot Ion	Ratio	Resp	Lower	Upper
178	100	154994		
176	19.1	15.3	22.9	
179	14.2	12.0	18.0	

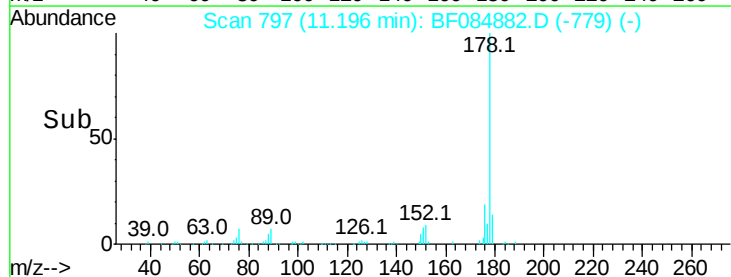
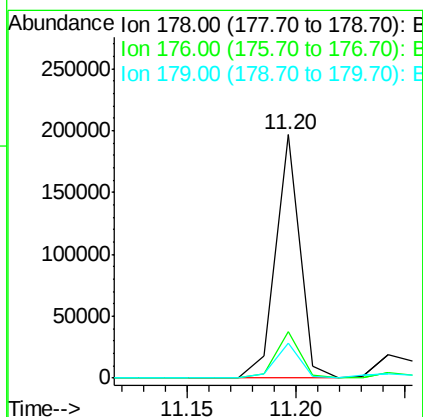
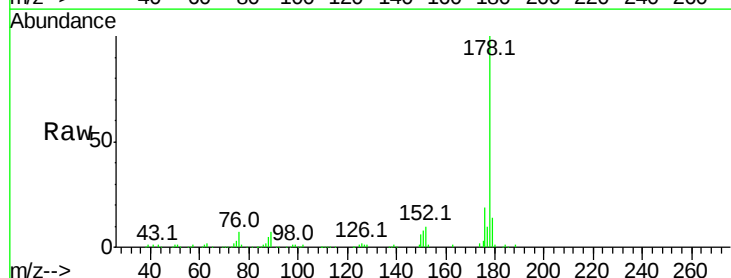
Manual Integrations
APPROVED

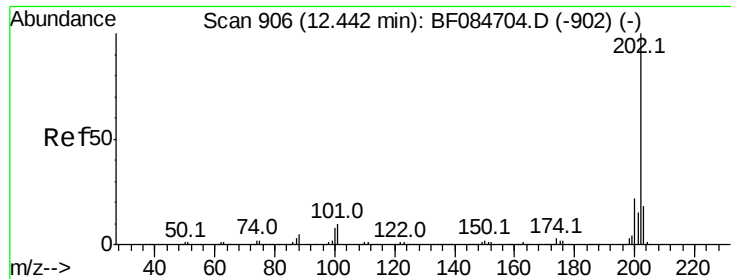
UMANGI
2/8/2016 3:03:12 PM



#71
Anthracene
Concen: 5.01 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.09 min
Lab File: BF084882.D
Acq: 6 Feb 2016 1:37

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	154994		
176	19.1	15.4	23.0	
179	14.2	12.5	18.7	





#74

Fluoranthene

Concen: 5.48 ng

RT: 12.37 min Scan# 900

Delta R.T. -0.05 min

Lab File: BF084882.D

Acq: 6 Feb 2016 1:37

Instrument :

BNA_F

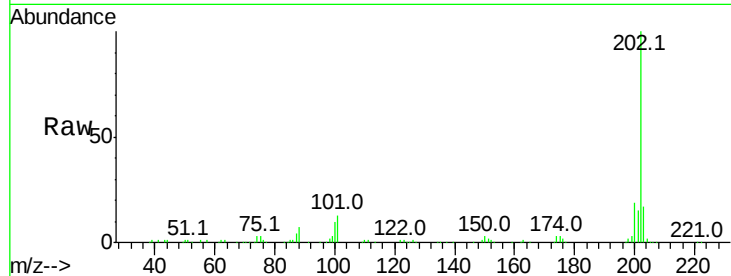
ClientSampleId :

SUP-B018(15-17)

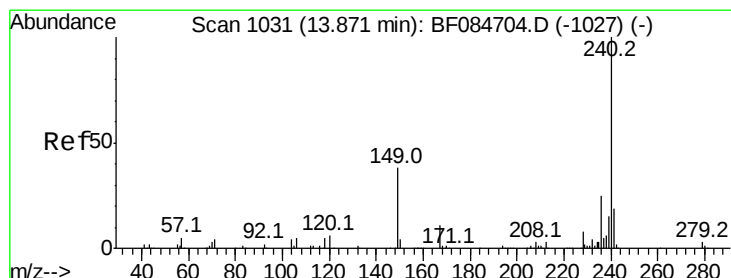
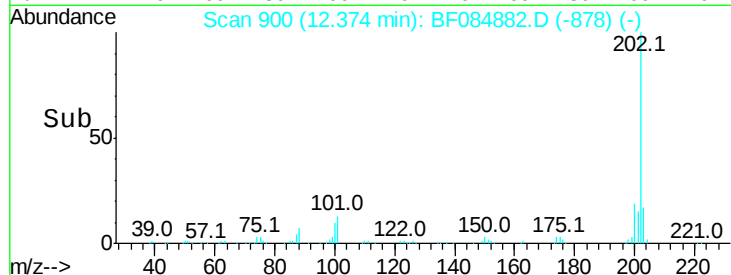
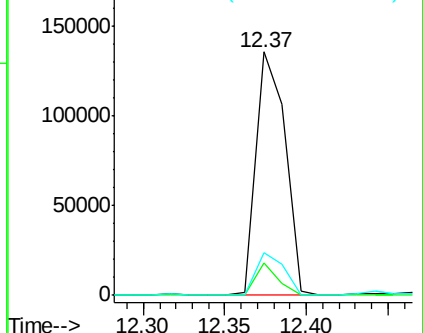
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.4	0.0	32.8
203	17.3	0.0	37.9

Manual Integrations
APPROVED

UMANGI
2/8/2016 3:03:12 PM



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: 13.80 min Scan# 1025

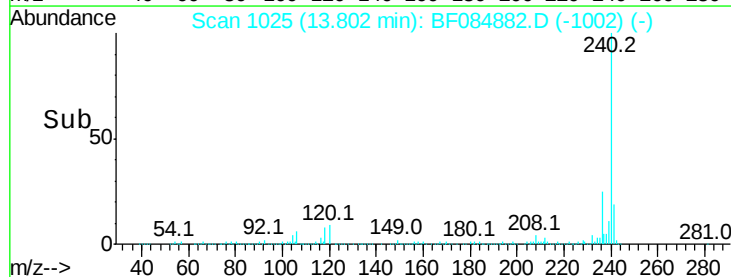
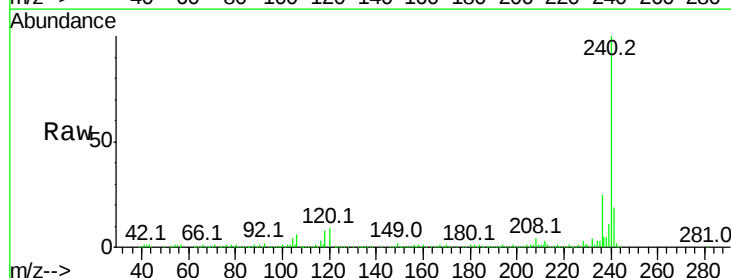
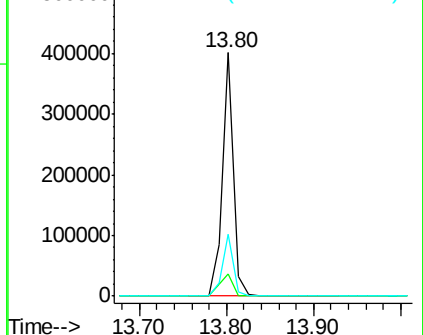
Delta R.T. -0.03 min

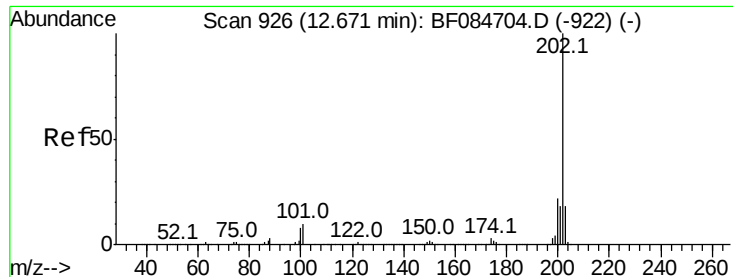
Lab File: BF084882.D

Acq: 6 Feb 2016 1:37

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.3	9.5	14.3#
236	25.5	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: 5.50 ng

RT: 12.60 min Scan# 920

Delta R.T. -0.03 min

Lab File: BF084882.D

Acq: 6 Feb 2016 1:37

Instrument :

BNA_F

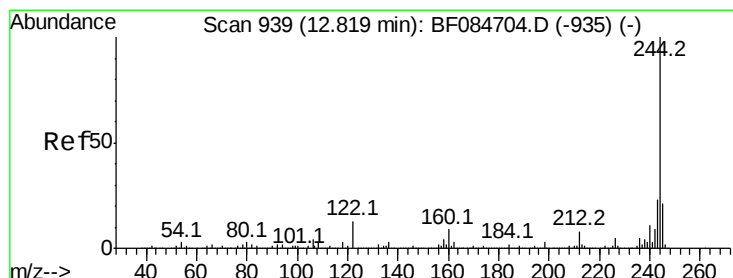
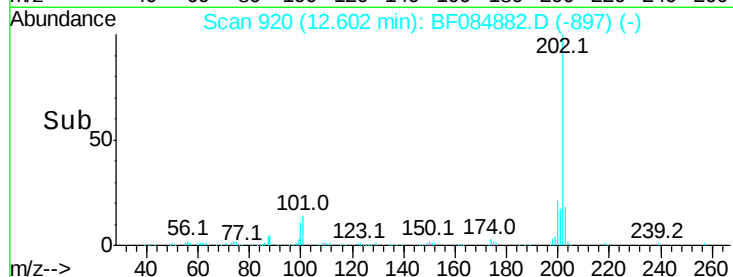
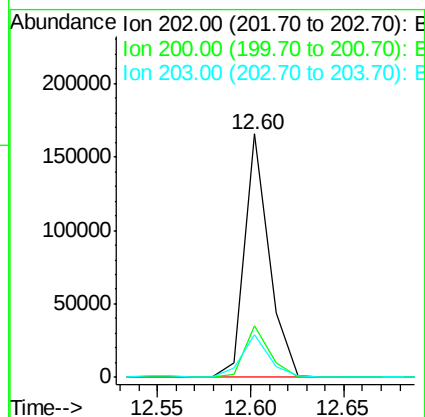
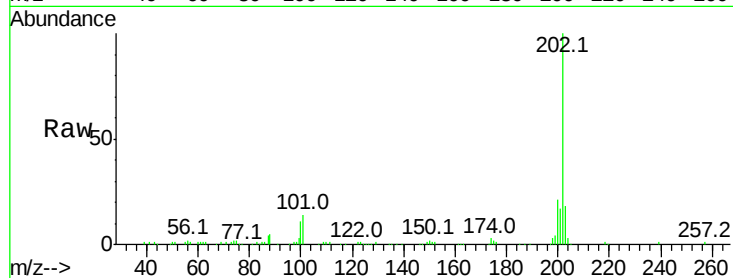
ClientSampleId :

SUP-B018(15-17)

Tot Ion:	202	Resp:	151893
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.2	25.8
203	17.8	14.3	21.5

Manual Integrations
APPROVED

UMANGI
2/8/2016 3:03:12 PM



#78

Terphenyl-d14

Concen: 39.41 ng

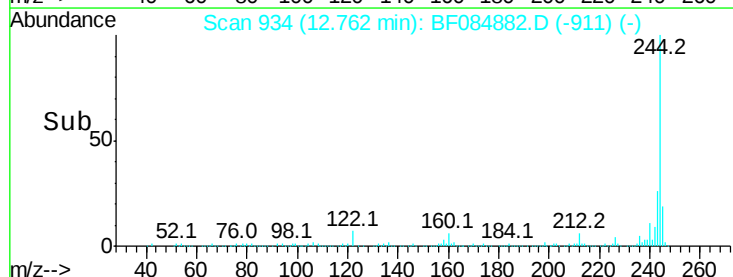
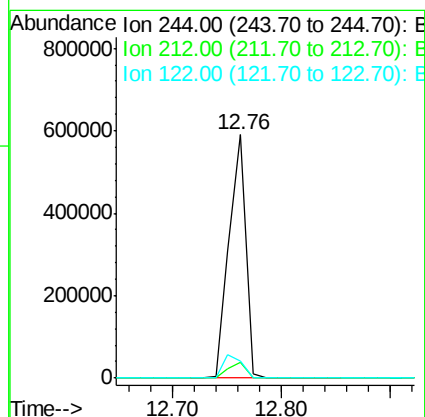
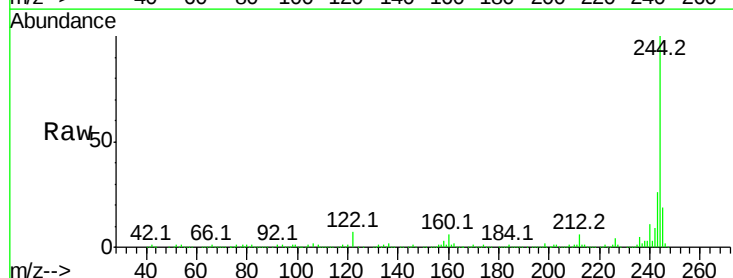
RT: 12.76 min Scan# 934

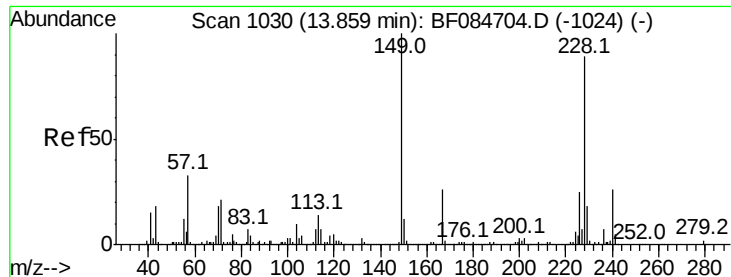
Delta R.T. -0.03 min

Lab File: BF084882.D

Acq: 6 Feb 2016 1:37

Tgt Ion:	244	Resp:	627755
Ion Ratio	Lower	Upper	
244	100		
212	6.5	5.7	8.5
122	7.1	7.4	11.0#





#80

Benzo(a)anthracene

Concen: 2.32 ng m

RT: 13.79 min Scan# 1024

Delta R.T. -0.03 min

Lab File: BF084882.D

Acq: 6 Feb 2016 1:37

Instrument :

BNA_F

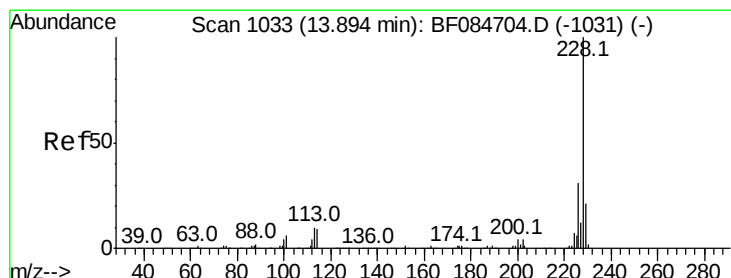
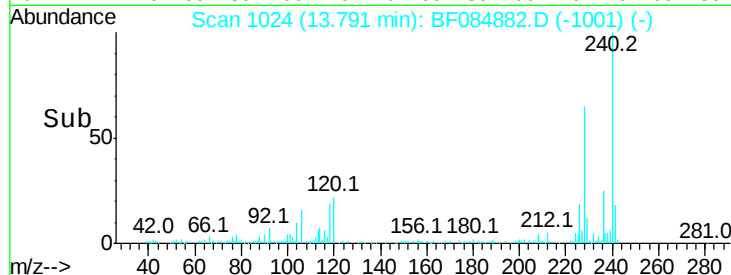
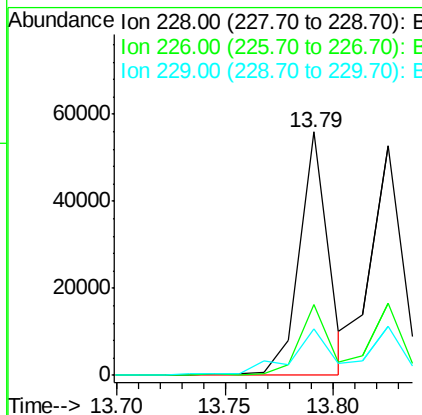
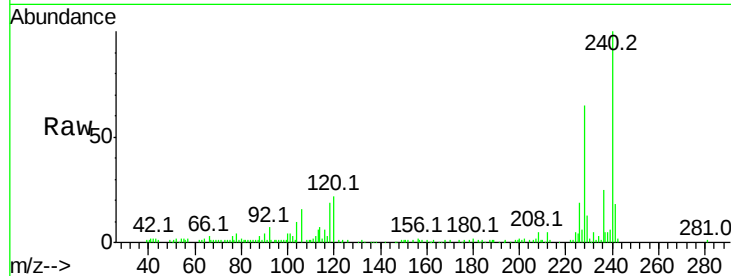
ClientSampleId :

SUP-B018(15-17)

Tot Ion:	228	Resp:	51878
Ion Ratio	Lower	Upper	
228	100		
226	29.3	21.8	32.6
229	19.2	15.8	23.8

Manual Integrations
APPROVED

UMANGI
2/8/2016 3:03:12 PM



#82

Chrysene

Concen: 2.41 ng m

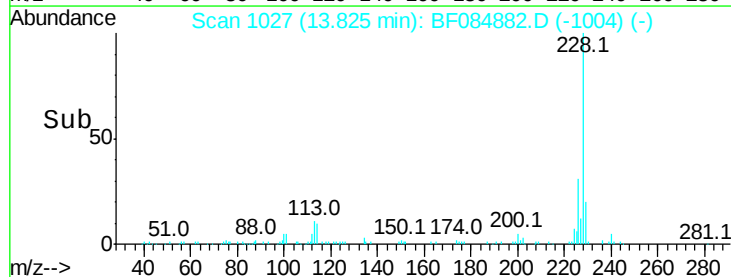
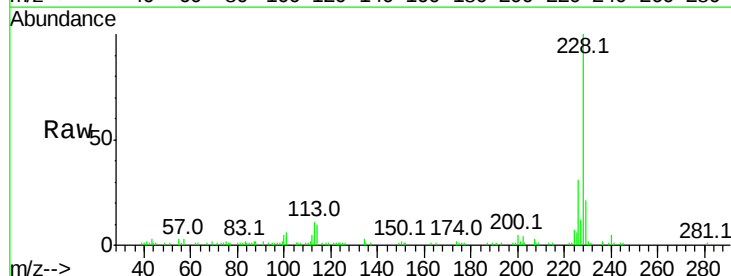
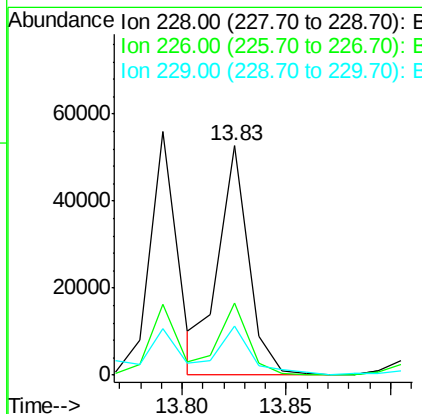
RT: 13.83 min Scan# 1027

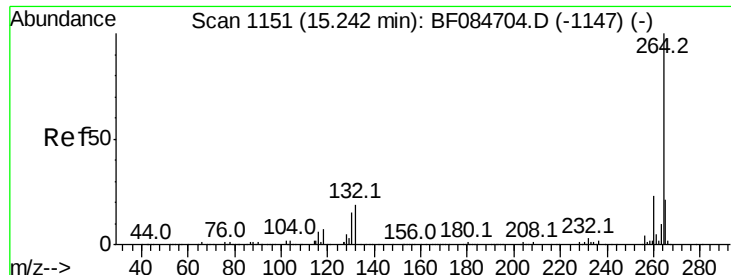
Delta R.T. -0.03 min

Lab File: BF084882.D

Acq: 6 Feb 2016 1:37

Tgt Ion:	228	Resp:	52458
Ion Ratio	Lower	Upper	
228	100		
226	31.5	24.3	36.5
229	21.4	16.1	24.1





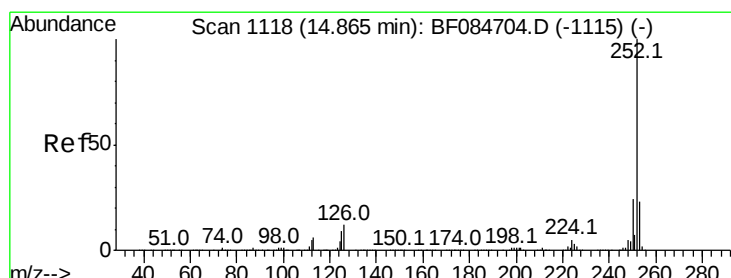
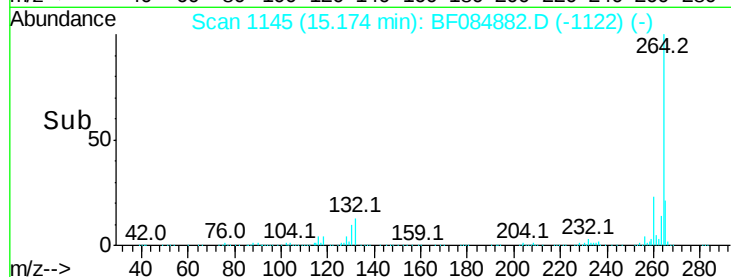
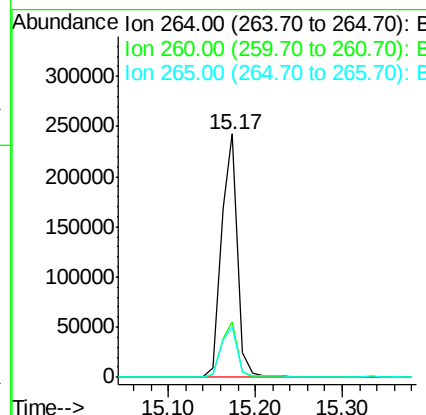
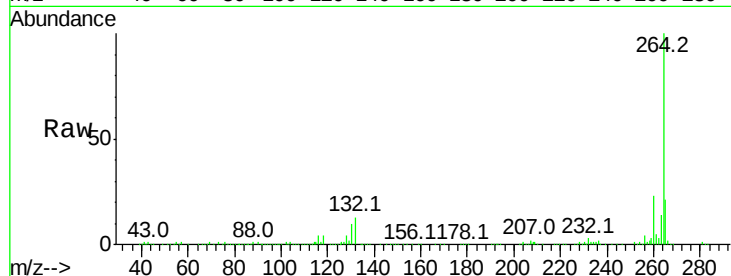
#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.17 min Scan# 1145
 Delta R.T. -0.03 min
 Lab File: BF084882.D
 Acq: 6 Feb 2016 1:37

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B018(15-17)

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	22.7	19.4	29.2	
265	20.8	17.8	26.6	

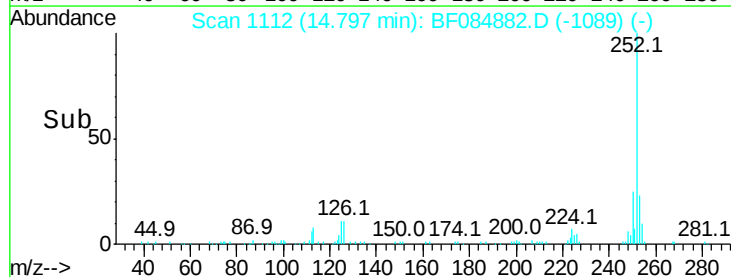
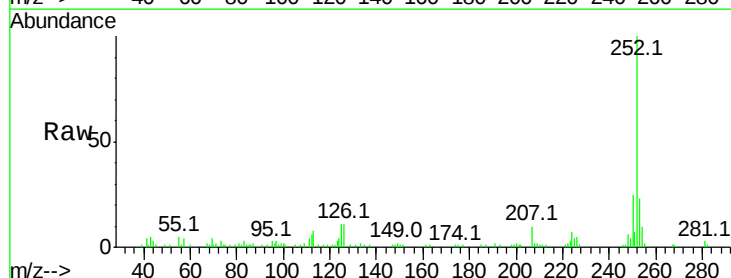
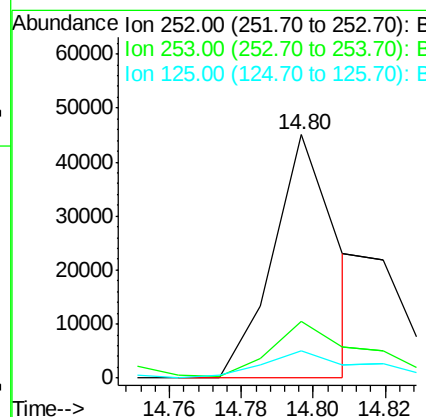
Manual Integrations
 APPROVED

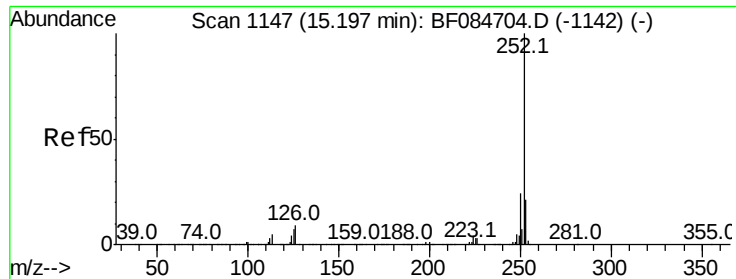
UMANGI
 2/8/2016 3:03:12 PM



#87
 Benzo(b)fluoranthene
 Concen: 2.66 ng m
 RT: 14.80 min Scan# 1112
 Delta R.T. -0.03 min
 Lab File: BF084882.D
 Acq: 6 Feb 2016 1:37

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	23.3	17.3	25.9	
125	11.4	6.5	9.7#	





#89
 Benzo(a)pyrene
 Concen: 2.35 ng
 RT: 15.12 min Scan# 1140
 Delta R.T. -0.03 min
 Lab File: BF084882.D
 Acq: 6 Feb 2016 1:37

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B018(15-17)

Tot Ion:	252	Resp:	42134
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.3	25.9
125	9.5	7.0	10.4

Manual Integrations
 APPROVED

UMANGI
 2/8/2016 3:03:12 PM

