

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
 Data File : BF083766.D
 Acq On : 14 Dec 2015 8:49
 Operator : UM/IZ
 Sample : G4648-13
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-07(0-0.16)

Manual Integrations
 APPROVED

MMdadoda
 12/14/2015 6:23:57 PM

Quant Time: Dec 14 10:26:35 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	100434	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	350995	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	133786	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	248180	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	249973	20.00	ng	-0.01
86) Perylene-d12	15.51	264	201135	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	780426	125.36	ng	0.00
7) Phenol-d6	6.54	99	907041	115.05	ng	0.00
23) Nitrobenzene-d5	7.48	82	651722	103.88	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	187867	137.81	ng	-0.01
44) 2-Fluorobiphenyl	9.28	172	852776	98.04	ng	-0.01
78) Terphenyl-d14	13.01	244	742108	63.86	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.66	163	189600	18.18	ng	99
74) Fluoranthene	12.64	202	63453	4.66	ng	92
77) Pyrene	12.86	202	55504	2.81	ng	99
79) Butylbenzylphthalate	13.49	149	26900	3.17	ng	# 83
80) Benzo(a)anthracene	14.05	228	34879	2.45	ng	# 90
82) Chrysene	14.09	228	37366m	2.70	ng	
83) Bis(2-ethylhexyl)phthalate	14.05	149	28059	2.91	ng	# 99
87) Benzo(b)fluoranthene	15.08	252	52625m	4.10	ng	
89) Benzo(a)pyrene	15.44	252	27276	2.38	ng	# 89

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

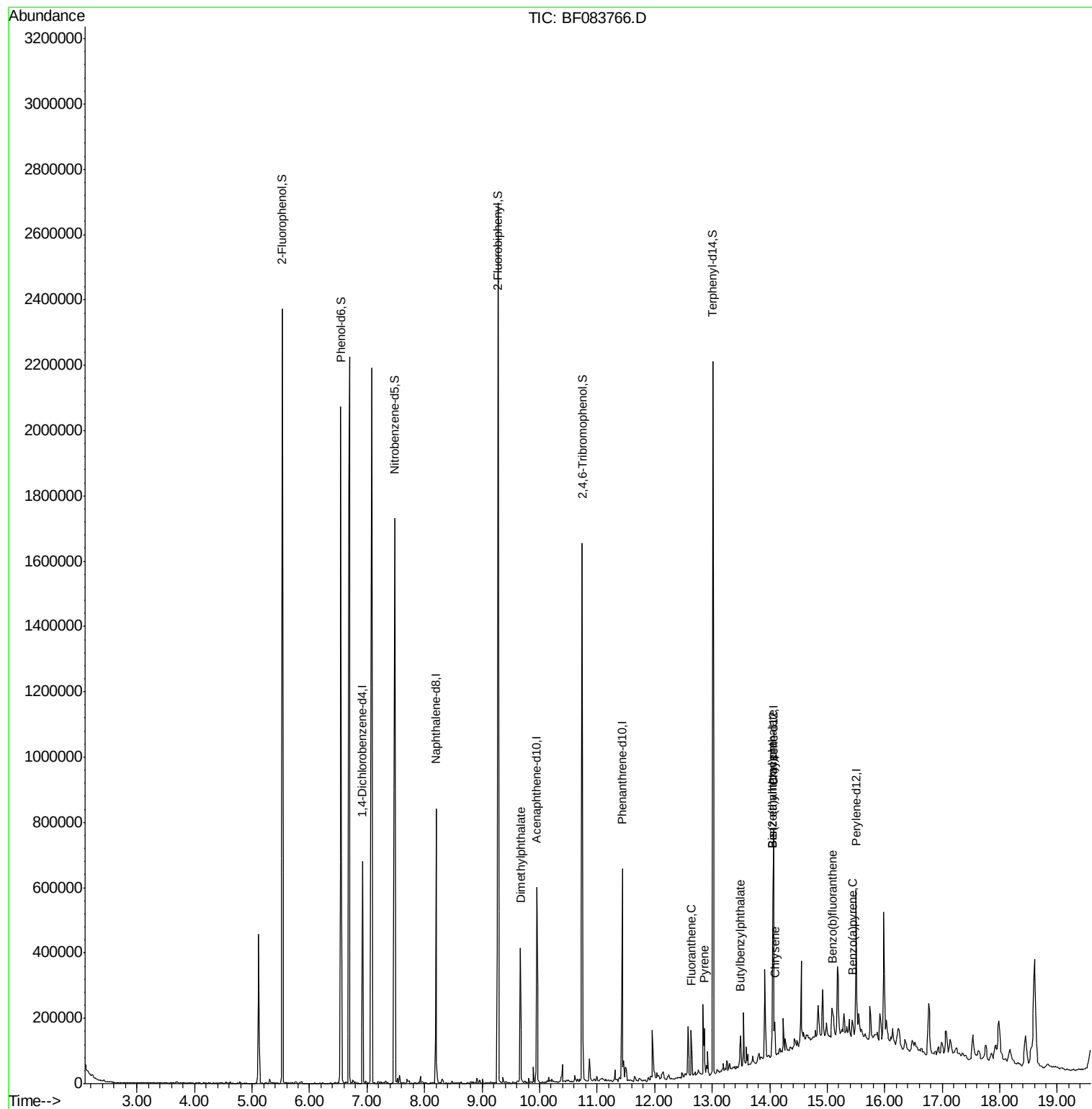
Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
Data File : BF083766.D
Acq On : 14 Dec 2015 8:49
Operator : UM/IZ
Sample : G4648-13
Misc :
ALS Vial : 56 Sample Multiplier: 1

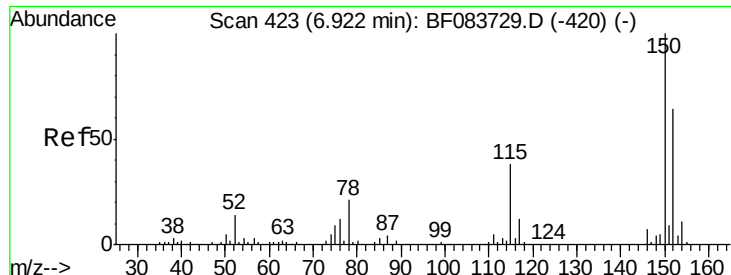
Instrument :
BNA_F
ClientSampleId :
SB-07(0-0.16)

Manual Integrations
APPROVED

MMdadoda
12/14/2015 6:23:57 PM

Quant Time: Dec 14 10:26:35 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration





#1

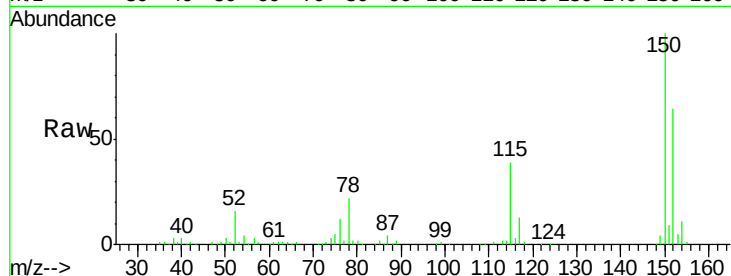
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF083766.D
Acq: 14 Dec 2015 8:49

Instrument :
BNA_F
ClientSampleId :
SB-07(0-0.16)

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	126.5	189.7
115	60.1	52.3	78.5

Manual Integrations
APPROVED

MMdadoda
12/14/2015 6:23:57 PM



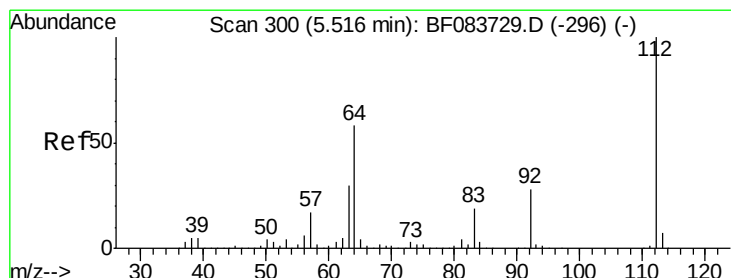
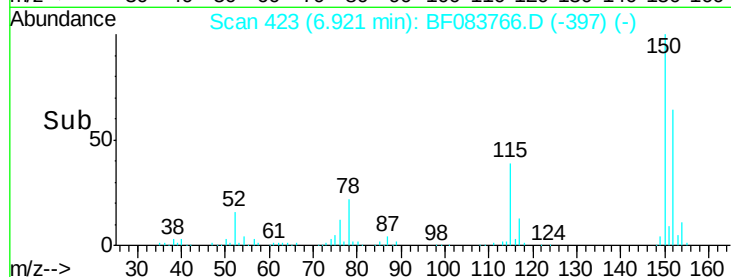
Abundance

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

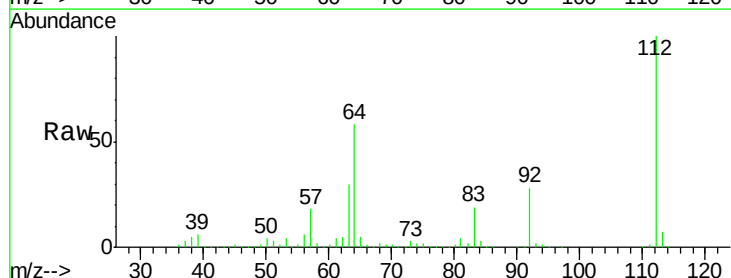
Time-->



#5

2-Fluorophenol
Concen: 125.36 ng
RT: 5.53 min Scan# 301
Delta R.T. 0.00 min
Lab File: BF083766.D
Acq: 14 Dec 2015 8:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	50.5	75.7
63	30.4	25.8	38.6



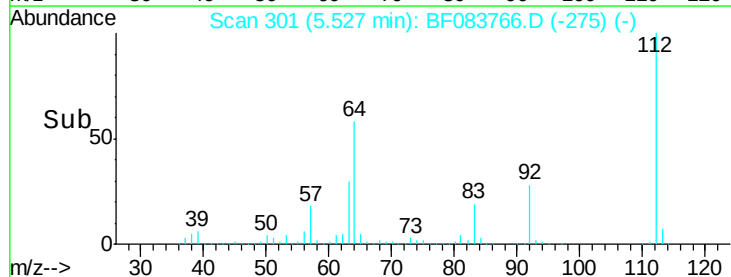
Abundance

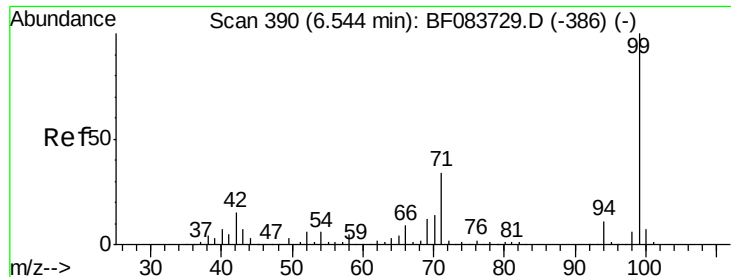
Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Time-->





#7

Phenol-d6

Concen: 115.05 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF083766.D

Acq: 14 Dec 2015 8:49

Instrument :

BNA_F

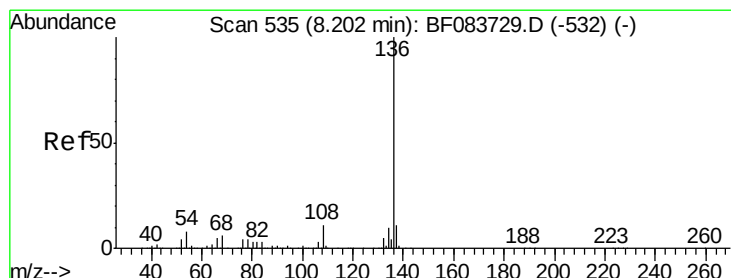
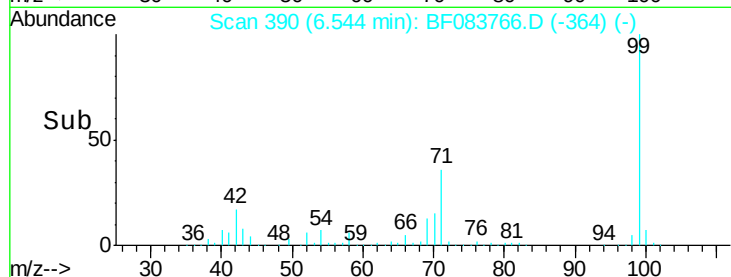
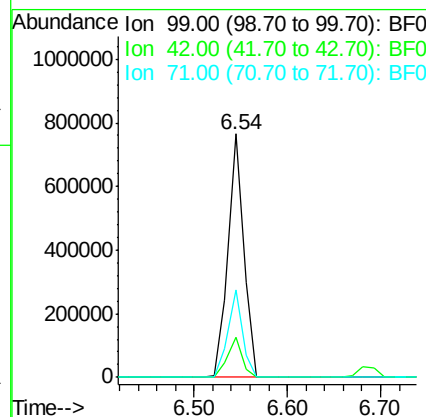
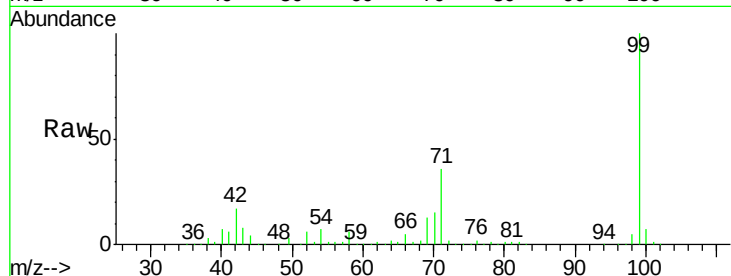
ClientSampleId :

SB-07(0-0.16)

Tot Ion:	99	Resp:	907041
Ion Ratio	Lower	Upper	
99	100		
42	16.6	17.3	25.9#
71	36.1	26.6	40.0

Manual Integrations
APPROVED

MMdadoda
12/14/2015 6:23:57 PM



#21

Naphthalene-d8

Concen: 20.00 ng

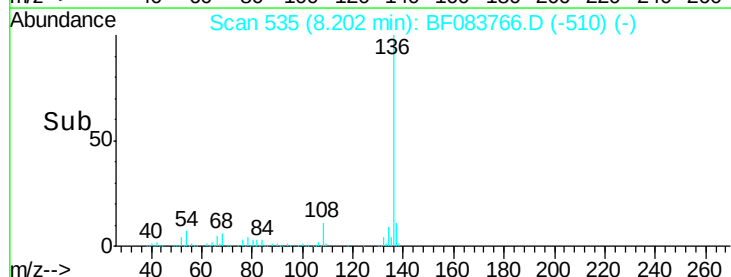
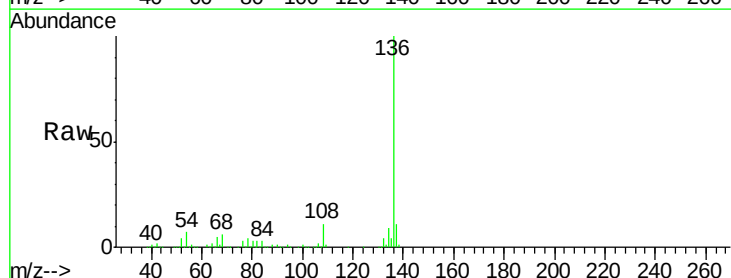
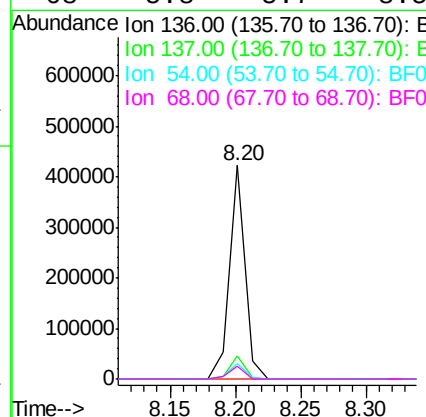
RT: 8.20 min Scan# 535

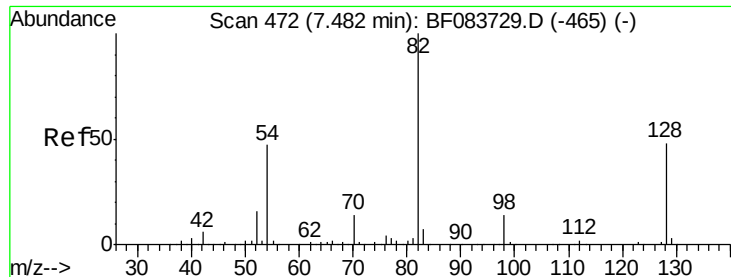
Delta R.T. -0.01 min

Lab File: BF083766.D

Acq: 14 Dec 2015 8:49

Tgt Ion:	136	Resp:	350995
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.7	13.1
54	7.1	7.8	11.6#
68	5.8	5.7	8.5





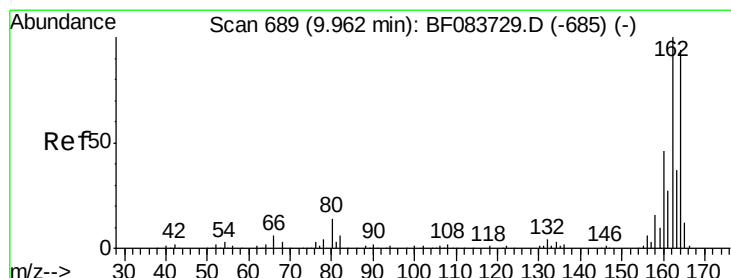
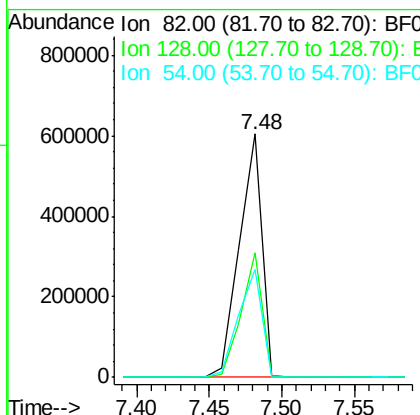
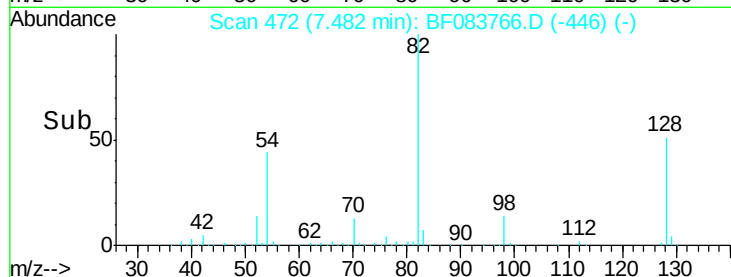
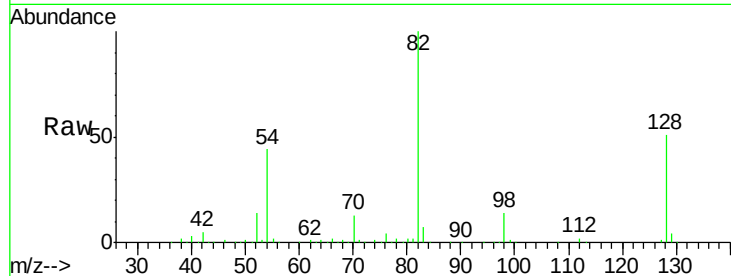
#23
 Nitrobenzene-d5
 Concen: 103.88 ng
 RT: 7.48 min Scan# 472
 Delta R.T. 0.00 min
 Lab File: BF083766.D
 Acq: 14 Dec 2015 8:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-07(0-0.16)

Tot Ion	Ratio	Lower	Upper
82	100		
128	50.9	30.7	46.1#
54	44.1	42.5	63.7

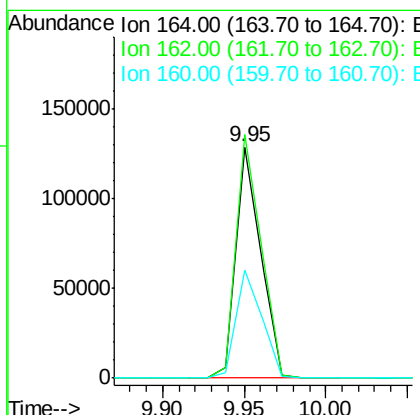
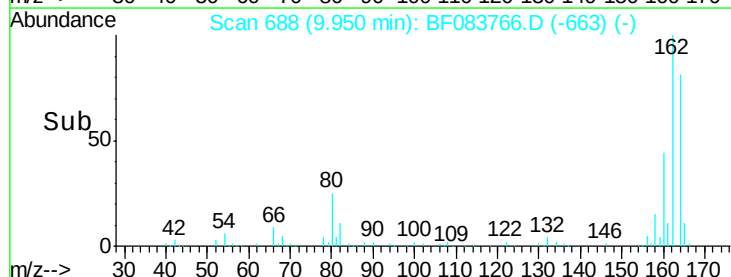
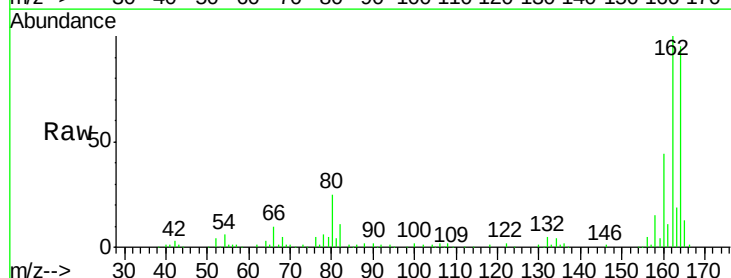
Manual Integrations
 APPROVED

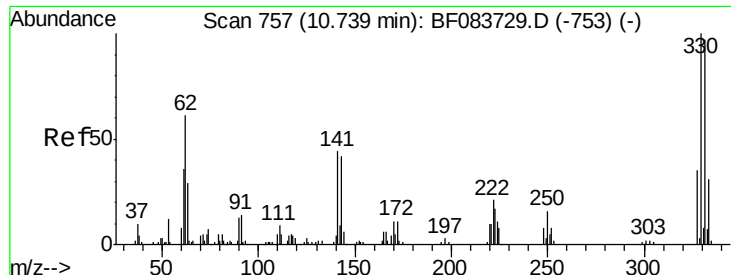
MMdadoda
 12/14/2015 6:23:57 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.01 min
 Lab File: BF083766.D
 Acq: 14 Dec 2015 8:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	78.8	118.2
160	46.6	33.4	50.2





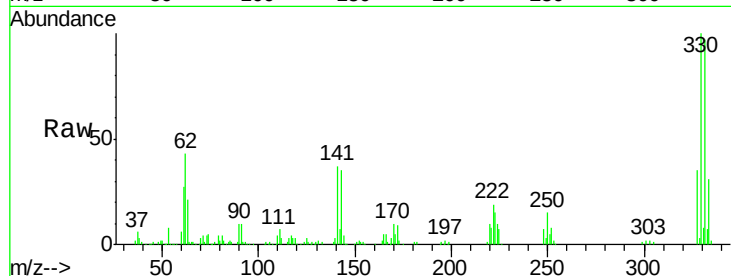
#41
 2,4,6-Tribromophenol
 Concen: 137.81 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BF083766.D
 Acq: 14 Dec 2015 8:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-07(0-0.16)

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	97.2	0.0	0.0#
141	40.0	0.0	0.0#

Manual Integrations
 APPROVED

MMdadoda
 12/14/2015 6:23:57 PM

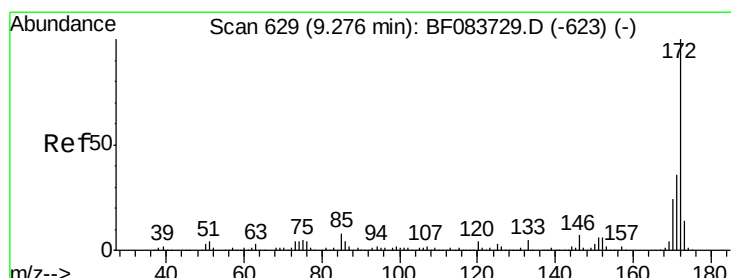
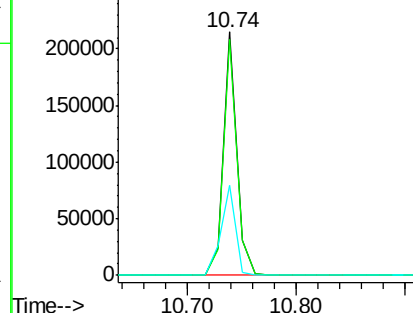
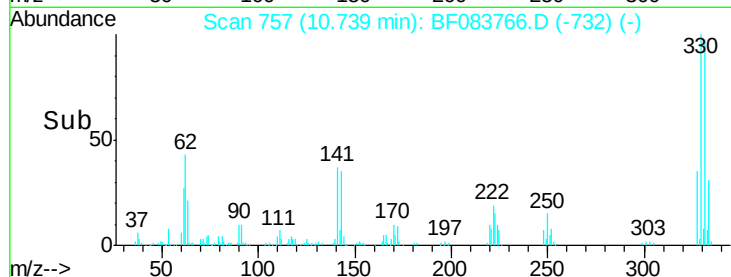


Abundance

Ion 329.80 (329.50 to 330.50): E

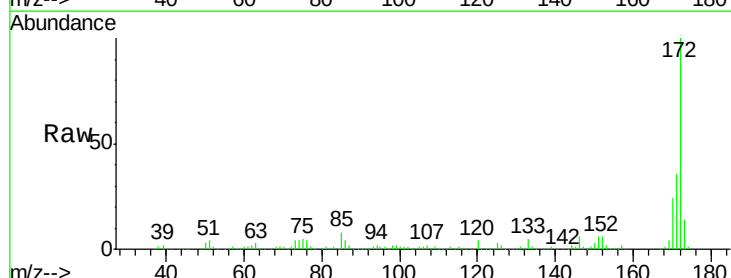
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 98.04 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF083766.D
 Acq: 14 Dec 2015 8:49

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	36.5	28.6	42.8
170	24.1	19.4	29.0

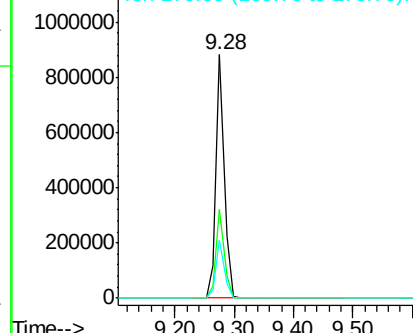
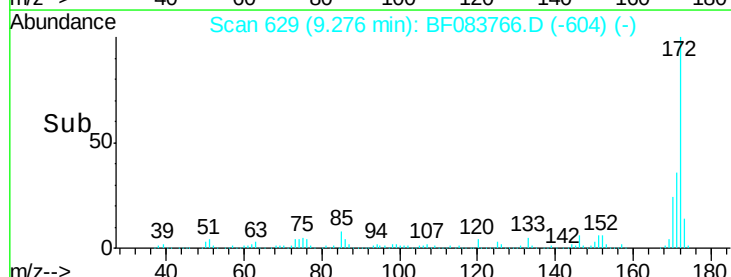


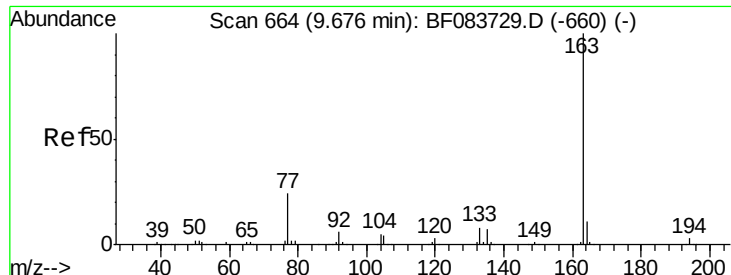
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





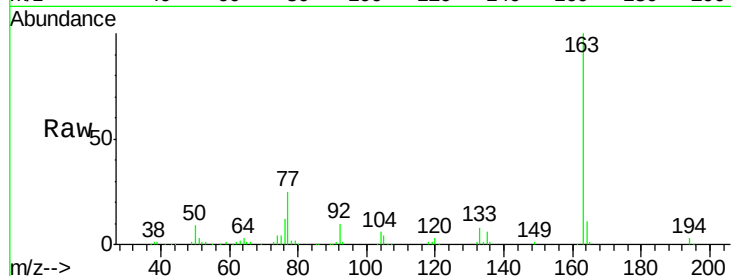
#49
Dimethylphthalate
Concen: 18.18 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.02 min
Lab File: BF083766.D
Acq: 14 Dec 2015 8:49

Instrument :
BNA_F
ClientSampleId :
SB-07(0-0.16)

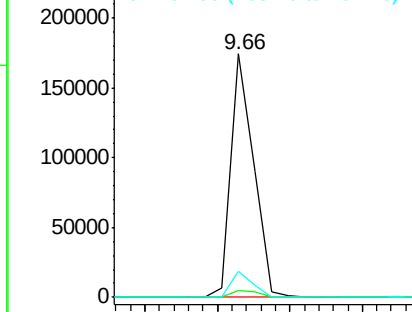
Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.0	2.8	4.2
164	10.7	8.6	13.0

Manual Integrations
APPROVED

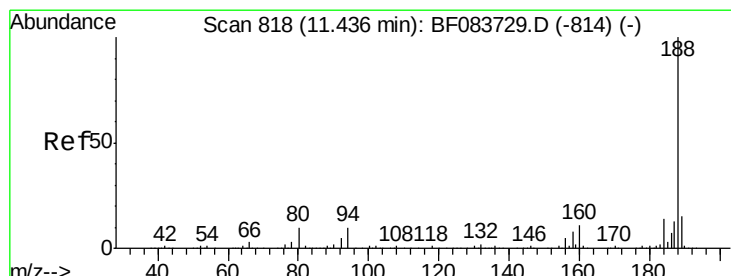
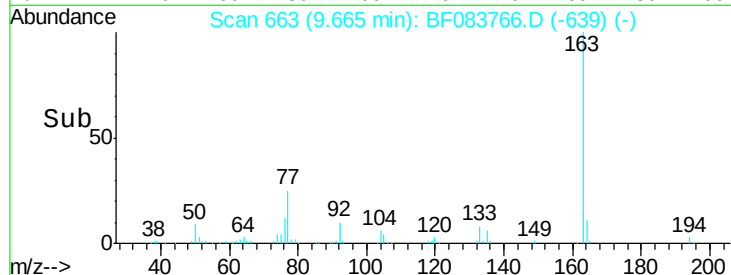
MMdadoda
12/14/2015 6:23:57 PM



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



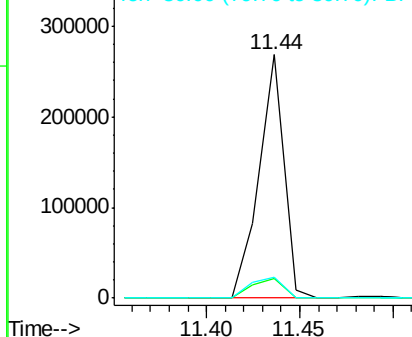
Time-->



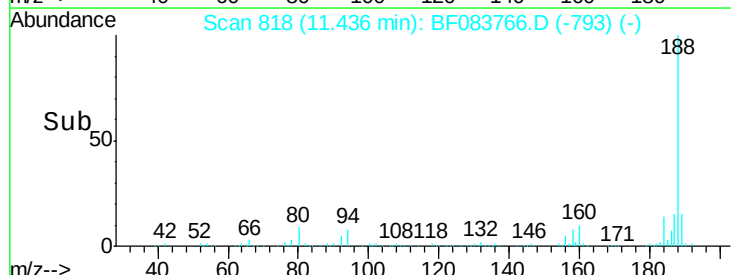
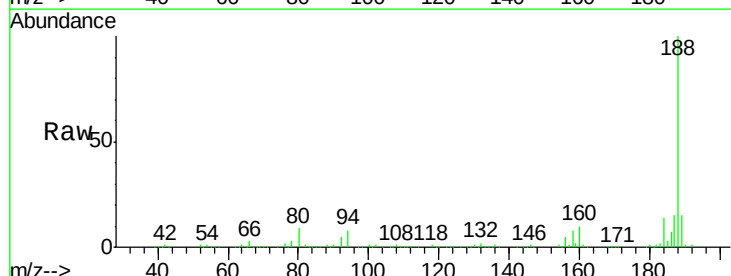
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF083766.D
Acq: 14 Dec 2015 8:49

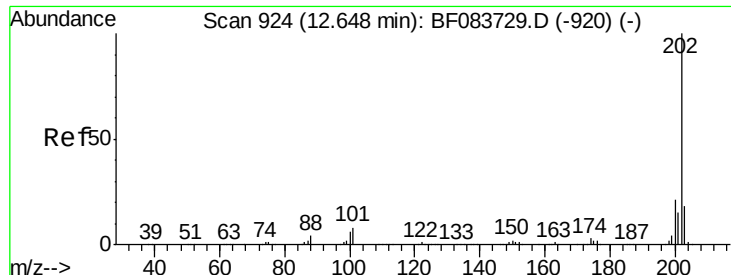
Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	8.3	9.4	14.2#
80	8.7	10.6	16.0#

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0



Time-->





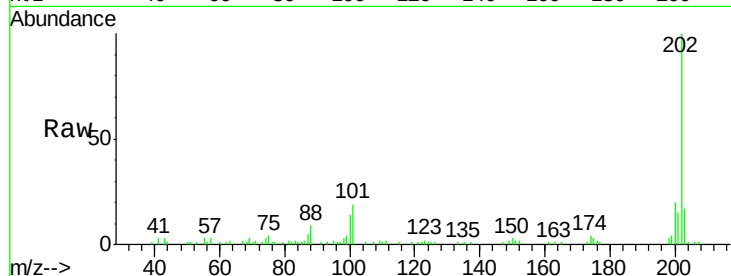
#74
Fluoranthene
Concen: 4.66 ng
RT: 12.64 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF083766.D
Acq: 14 Dec 2015 8:49

Instrument :
BNA_F
ClientSampleId :
SB-07(0-0.16)

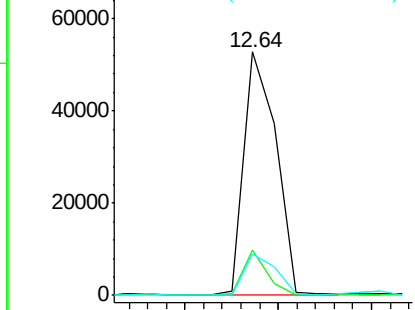
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	18.6	0.0	31.5
203	17.1	0.0	37.6

Manual Integrations
APPROVED

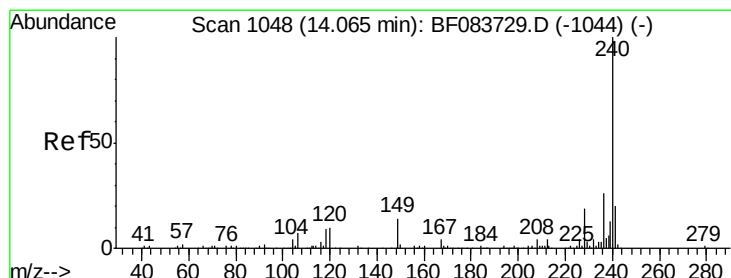
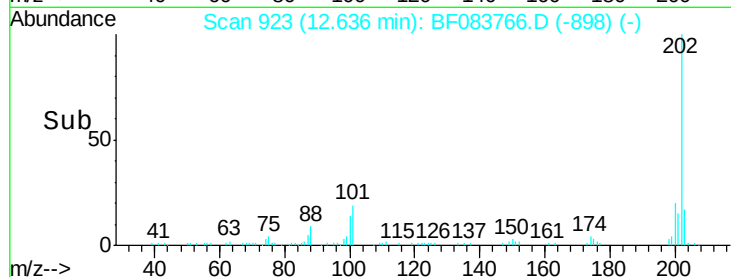
MMdadoda
12/14/2015 6:23:57 PM



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



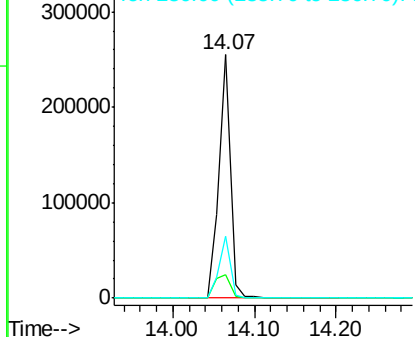
Time-->



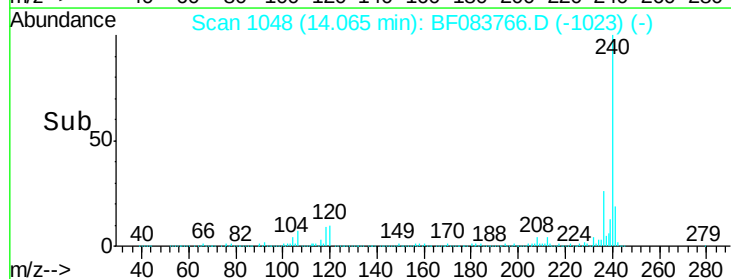
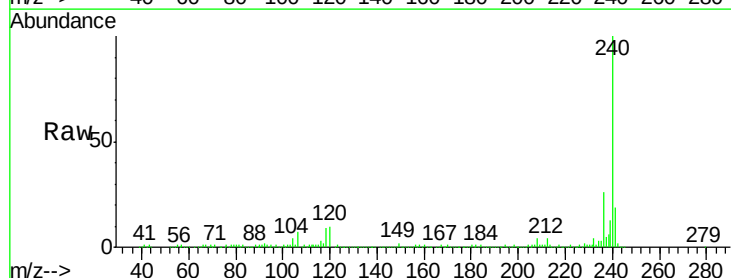
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF083766.D
Acq: 14 Dec 2015 8:49

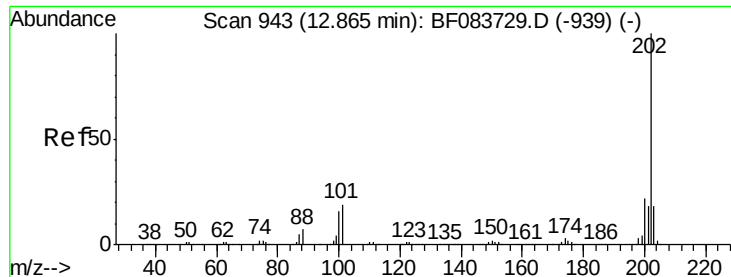
Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.8	8.1	12.1
236	25.5	20.8	31.2

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



Time-->





#77

Pvrene

Concen: 2.81 ng

RT: 12.86 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF083766.D

Acq: 14 Dec 2015 8:49

Instrument :

BNA_F

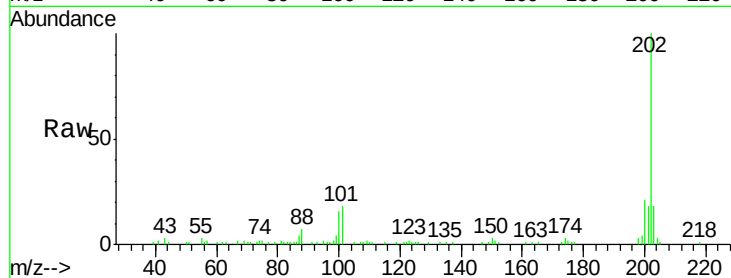
ClientSampleId :

SB-07(0-0.16)

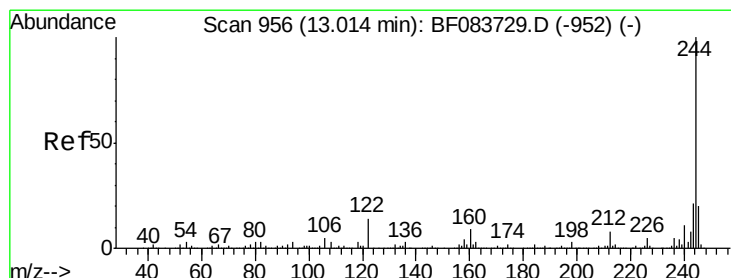
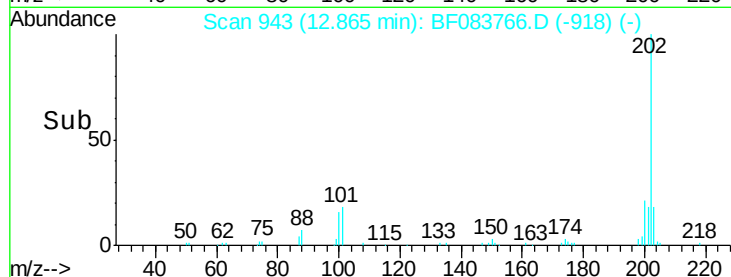
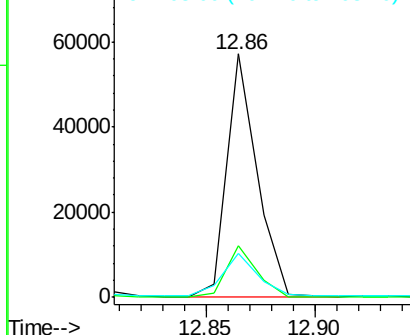
Tot Ion:	202	Resp:	55504
Ion Ratio	Lower	Upper	
202	100		
200	21.4	16.7	25.1
203	18.3	14.3	21.5

Manual Integrations
APPROVED

MMdadoda
12/14/2015 6:23:57 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: 63.86 ng

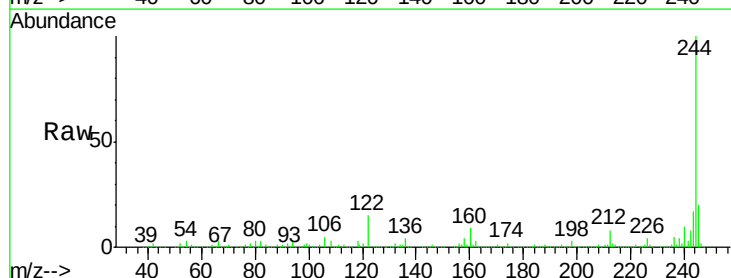
RT: 13.01 min Scan# 956

Delta R.T. -0.01 min

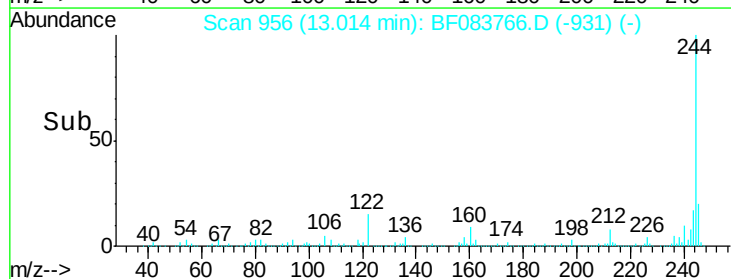
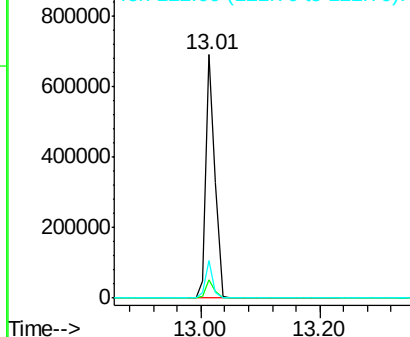
Lab File: BF083766.D

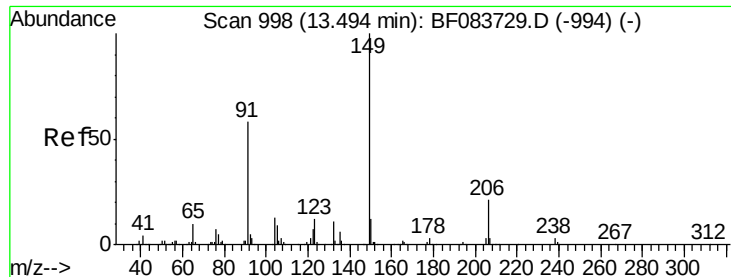
Acq: 14 Dec 2015 8:49

Tgt Ion:	244	Resp:	742108
Ion Ratio	Lower	Upper	
244	100		
212	7.6	6.1	9.1
122	15.4	11.0	16.6



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





#79

Butylbenzylphthalate

Concen: 3.17 ng

RT: 13.49 min Scan# 998

Delta R.T. -0.01 min

Lab File: BF083766.D

Acq: 14 Dec 2015 8:49

Instrument :

BNA_F

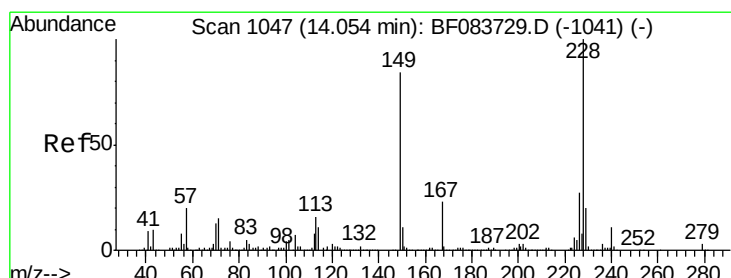
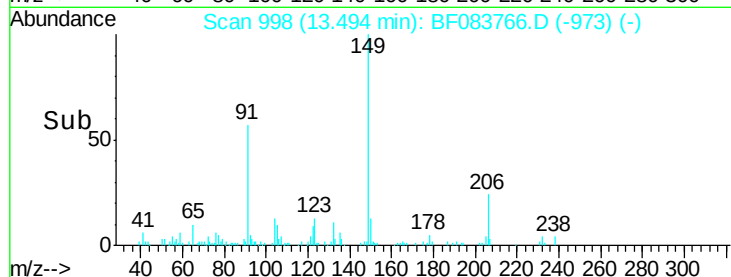
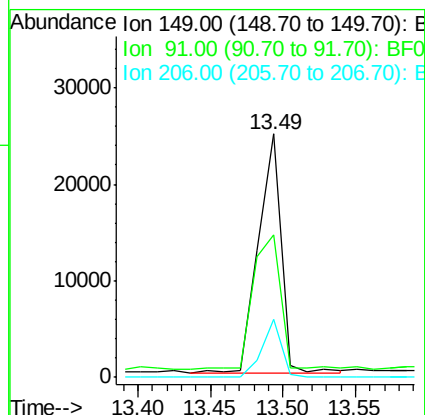
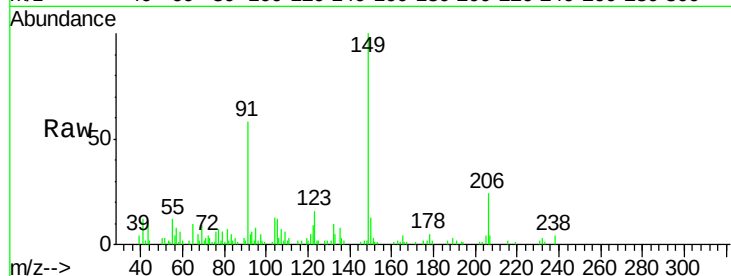
ClientSampleId :

SB-07(0-0.16)

Tot Ion:	149	Resp:	26900
Ion Ratio	Lower	Upper	
149	100		
91	58.3	60.0	90.0#
206	23.7	16.2	24.4

Manual Integrations
APPROVED

MMdadoda
12/14/2015 6:23:57 PM



#80

Benzo(a)anthracene

Concen: 2.45 ng

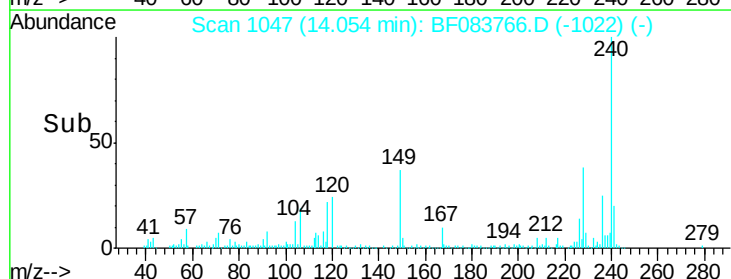
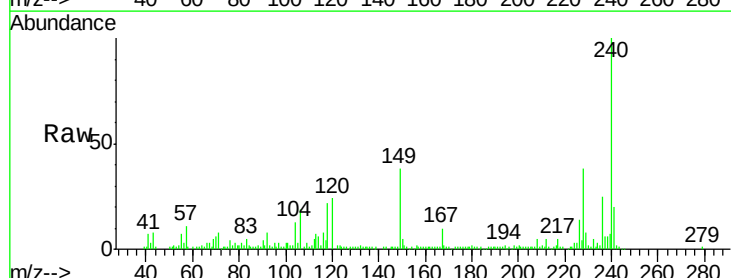
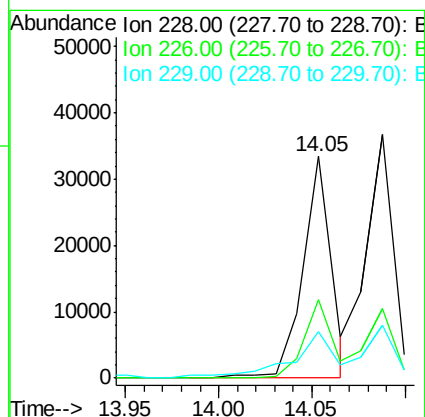
RT: 14.05 min Scan# 1047

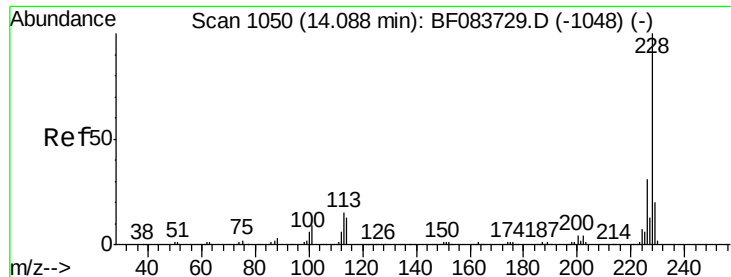
Delta R.T. -0.01 min

Lab File: BF083766.D

Acq: 14 Dec 2015 8:49

Tgt Ion:	228	Resp:	34879
Ion Ratio	Lower	Upper	
228	100		
226	35.4	22.3	33.5#
229	21.1	15.7	23.5





#82

Chrysene

Concen: 2.70 ng/mL

RT: 14.09 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BF083766.D

Acq: 14 Dec 2015 8:49

Instrument :

BNA_F

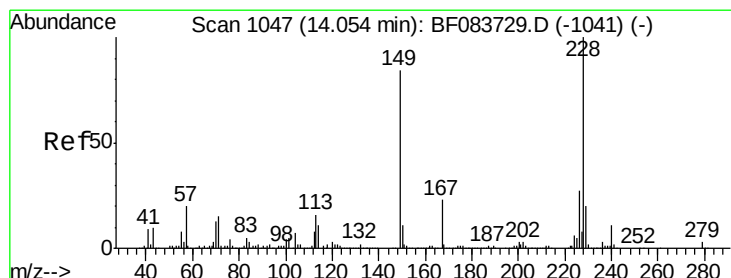
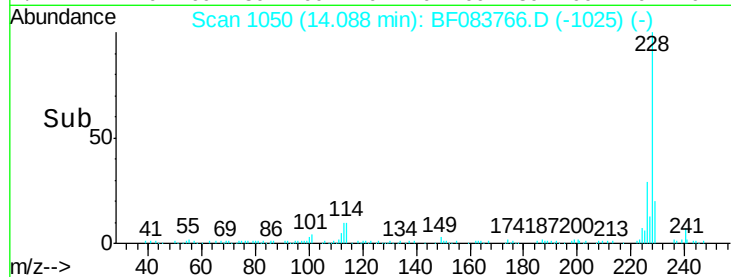
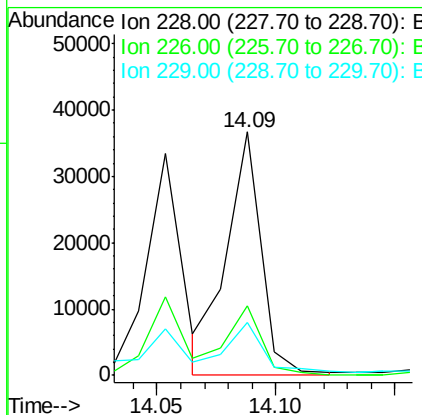
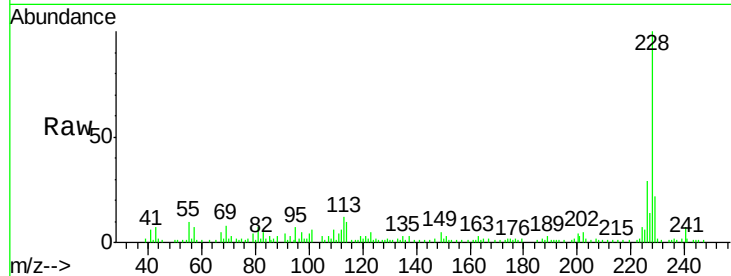
ClientSampleId :

SB-07(0-0.16)

Tot Ion:	228	Resp:	37366
Ion Ratio	Lower	Upper	
228	100		
226	28.7	24.7	37.1
229	21.6	16.3	24.5

Manual Integrations
APPROVED

MMdadoda
12/14/2015 6:23:57 PM



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.91 ng/mL

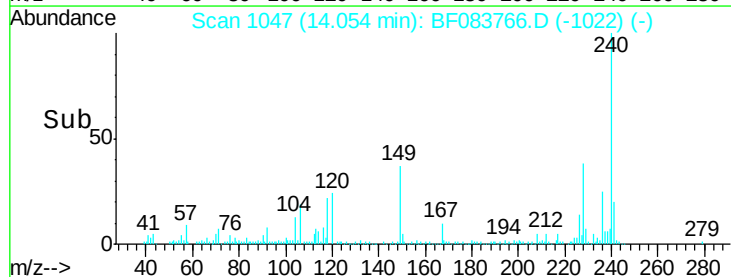
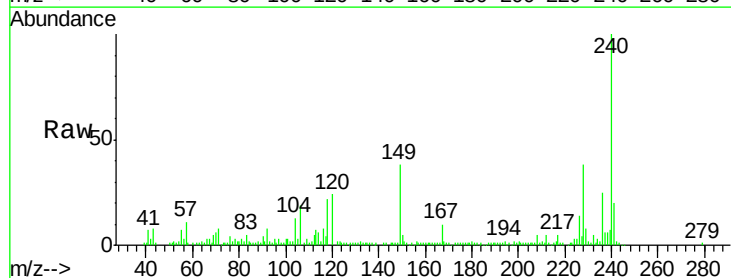
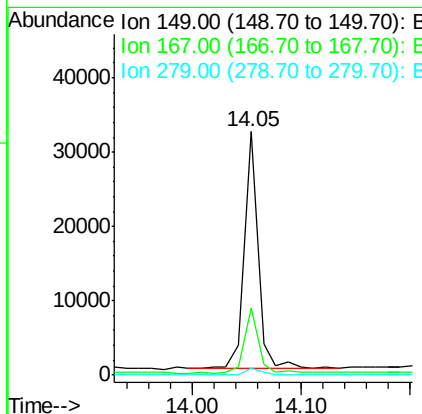
RT: 14.05 min Scan# 1047

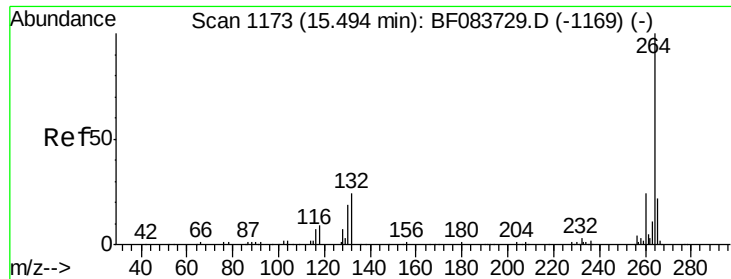
Delta R.T. -0.01 min

Lab File: BF083766.D

Acq: 14 Dec 2015 8:49

Tgt Ion:	149	Resp:	28059
Ion Ratio	Lower	Upper	
149	100		
167	27.5	21.8	32.8
279	2.9	3.0	4.4#





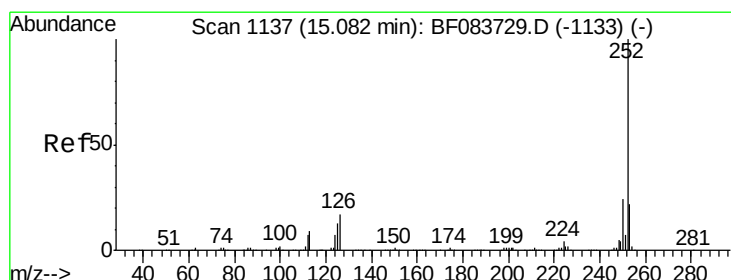
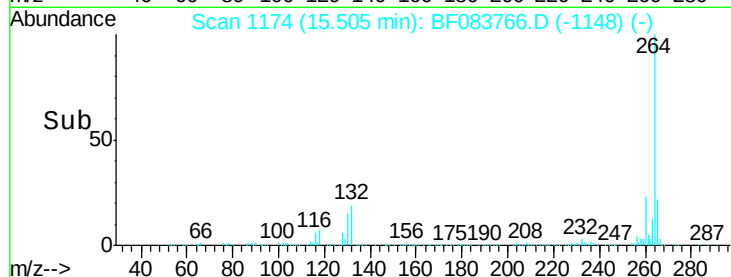
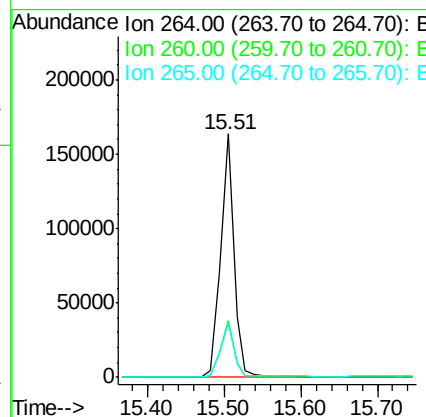
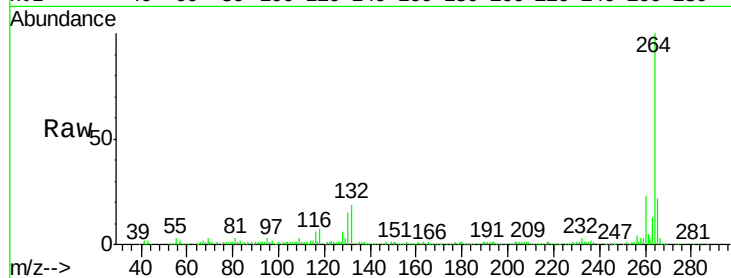
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF083766.D
Acq: 14 Dec 2015 8:49

Instrument :
BNA_F
ClientSampleId :
SB-07(0-0.16)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.0
265	22.1	17.8	26.6

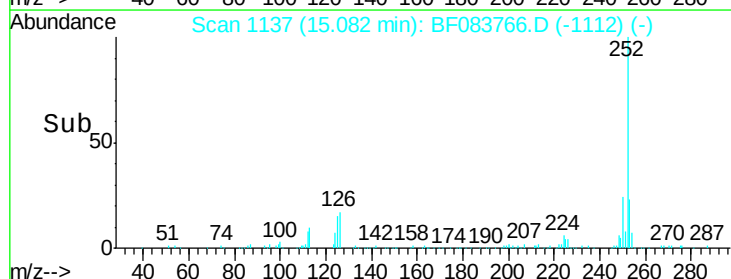
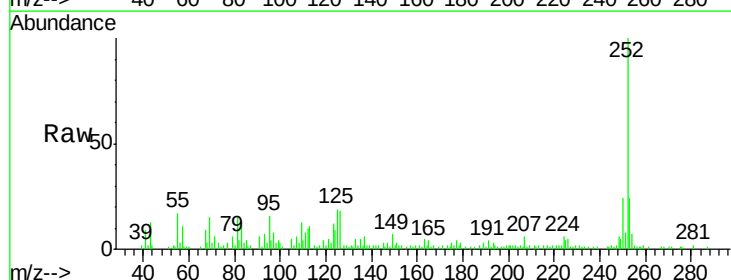
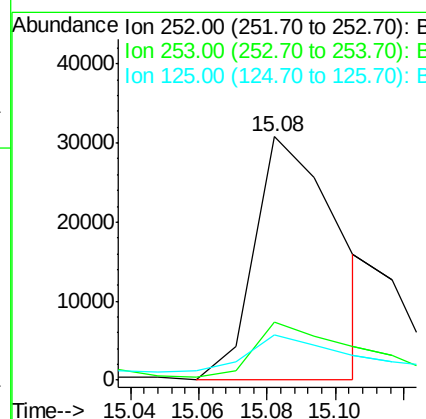
Manual Integrations
APPROVED

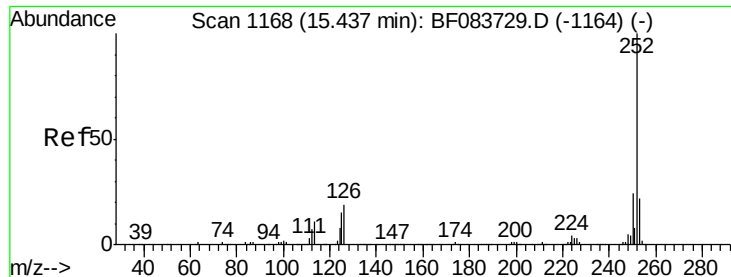
MMdadoda
12/14/2015 6:23:57 PM



#87
Benzo(b)fluoranthene
Concen: 4.10 ng m
RT: 15.08 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF083766.D
Acq: 14 Dec 2015 8:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.2	27.4
125	18.8	8.2	12.4#





#89
 Benzo(a)pyrene
 Concen: 2.38 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF083766.D
 Acq: 14 Dec 2015 8:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-07(0-0.16)

Tot Ion:	252	Resp:	27276
Ion Ratio	Lower	Upper	
252	100		
253	25.3	17.5	26.3
125	20.2	11.0	16.6

Manual Integrations
 APPROVED

MMdadoda
 12/14/2015 6:23:57 PM

