

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
 Data File : BF083739.D
 Acq On : 13 Dec 2015 19:52
 Operator : UM/IZ
 Sample : G4648-20
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-08(14-15)

Manual Integrations
 APPROVED

MMdadoda
 12/14/2015 6:23:46 PM

Quant Time: Dec 14 03:18:46 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	6.97	152	58138	20.00	ng	0.05
21) Naphthalene-d8	8.22	136	371281	20.00	ng	0.01
38) Acenaphthene-d10	9.95	164	222032	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	398241	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	292291	20.00	ng	-0.01
86) Perylene-d12	15.49	264	255583	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	615052	170.67	ng	0.00
7) Phenol-d6	6.56	99	307750m	67.43	ng	0.01
23) Nitrobenzene-d5	7.52	82	453360	68.32	ng	0.03
41) 2,4,6-Tribromophenol	10.74	330	214850	94.96	ng	-0.01
44) 2-Fluorobiphenyl	9.28	172	908290	54.04	ng	-0.01
78) Terphenyl-d14	13.01	244	817983	60.20	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.66	163	167559	9.68	ng	100
83) Bis(2-ethylhexyl)phthalate	14.05	149	129510	11.48	ng	99

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

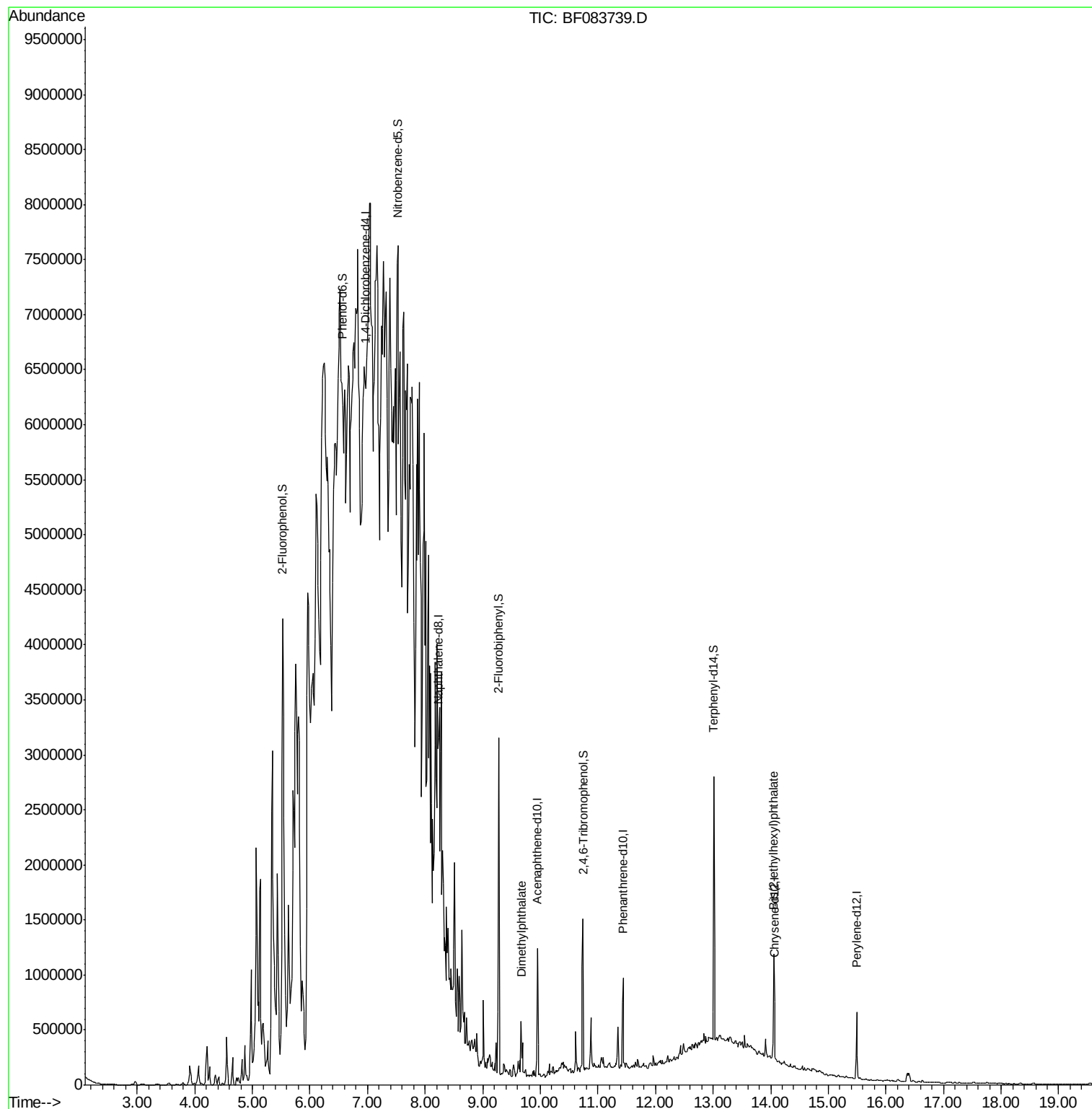
Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
Data File : BF083739.D
Acq On : 13 Dec 2015 19:52
Operator : UM/IZ
Sample : G4648-20
Misc :
ALS Vial : 31 Sample Multiplier: 1

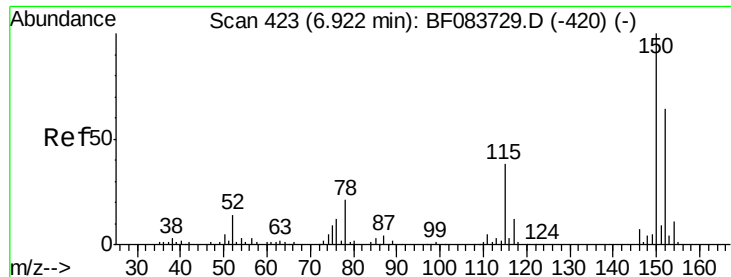
Instrument :
BNA_F
ClientSampleId :
SB-08(14-15)

Manual Integrations
APPROVED

MMdadoda
12/14/2015 6:23:46 PM

Quant Time: Dec 14 03:18:46 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

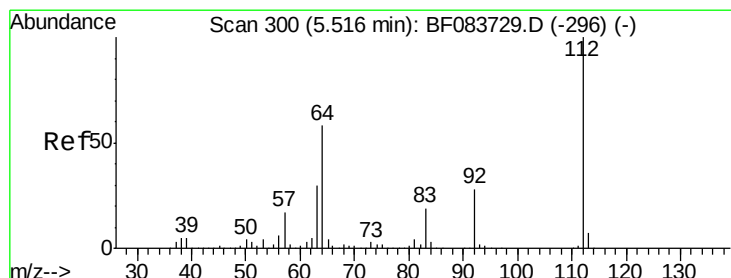
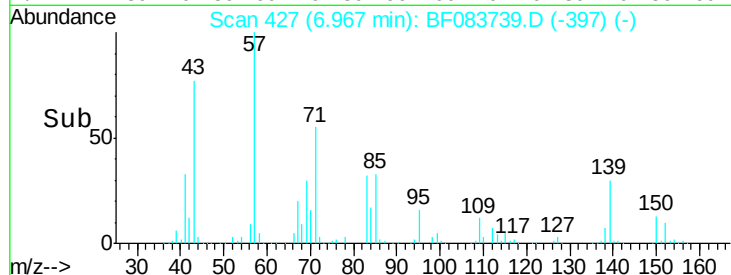
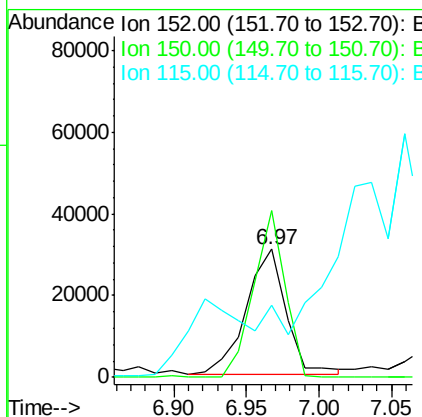
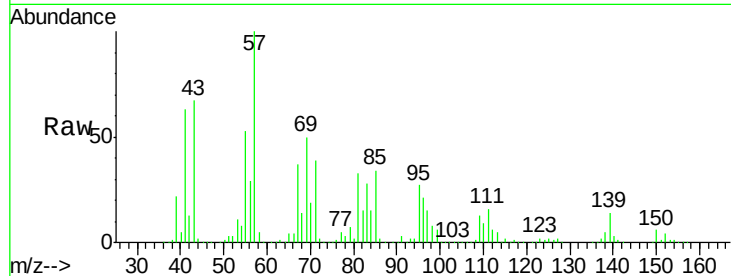
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.05 min
Lab File: BF083739.D
Acq: 13 Dec 2015 19:52

Instrument :
BNA_F
ClientSampleId :
SB-08(14-15)

Tot Ion	Ratio	Lower	Upper
152	100		
150	130.5	126.5	189.7
115	56.6	52.3	78.5

Manual Integrations
APPROVED

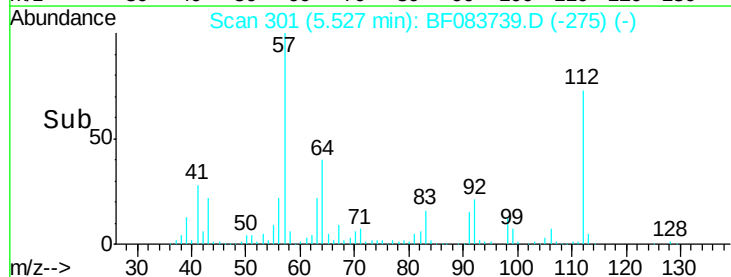
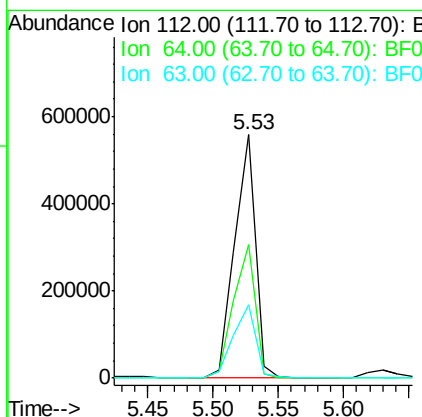
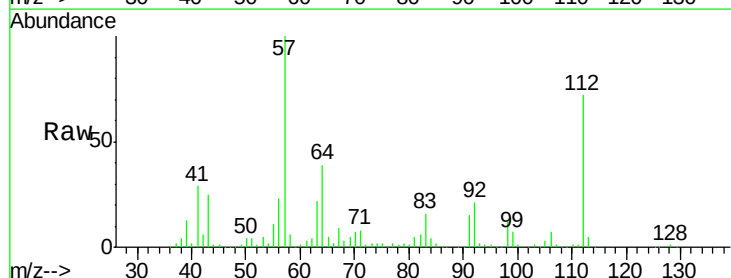
MMdadoda
12/14/2015 6:23:46 PM

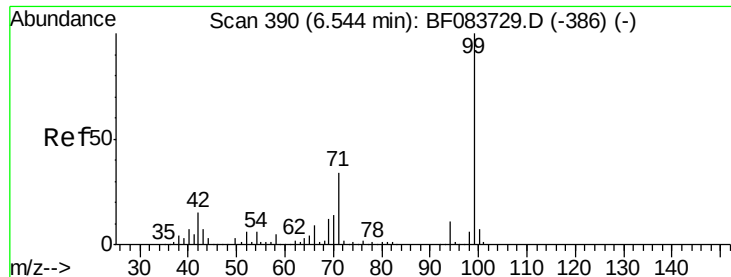


#5

2-Fluorophenol
Concen: 170.67 ng
RT: 5.53 min Scan# 301
Delta R.T. 0.00 min
Lab File: BF083739.D
Acq: 13 Dec 2015 19:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.7	50.5	75.7
63	30.0	25.8	38.6





#7

Phenol-d6

Concen: 67.43 ng/mL

RT: 6.56 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF083739.D

Acq: 13 Dec 2015 19:52

Instrument :

BNA_F

ClientSampleId :

SB-08(14-15)

Tot Ion: 99 Resp: 307750

Ion Ratio Lower Upper

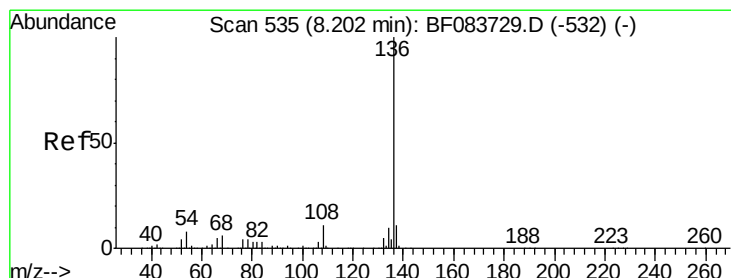
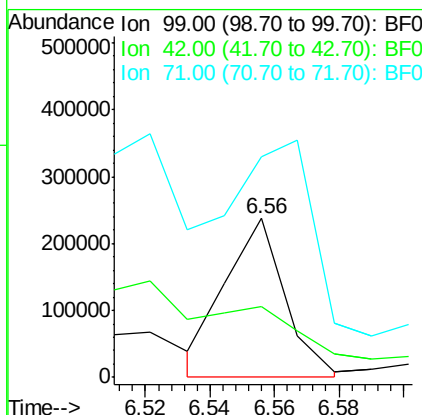
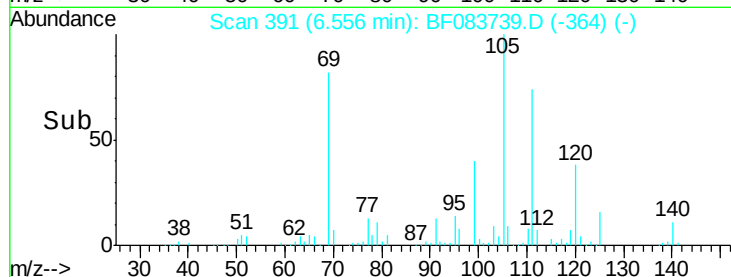
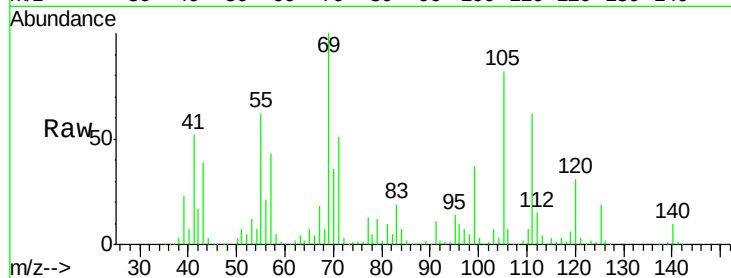
99 100

42 44.8 17.3 25.9#

71 139.2 26.6 40.0#

Manual Integrations
APPROVED

MMdadoda
12/14/2015 6:23:46 PM



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.22 min Scan# 537

Delta R.T. 0.01 min

Lab File: BF083739.D

Acq: 13 Dec 2015 19:52

Tgt Ion: 136 Resp: 371281

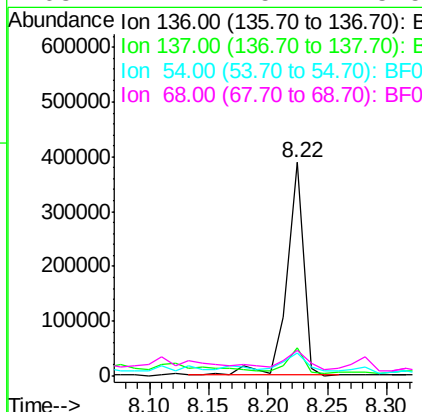
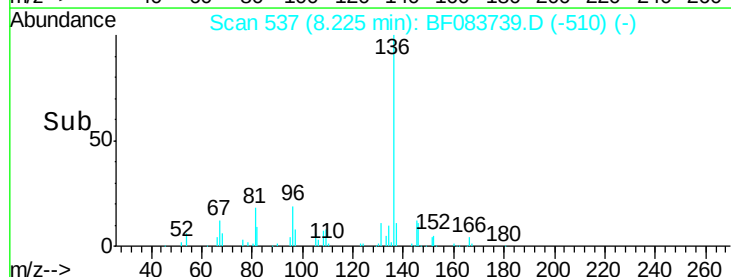
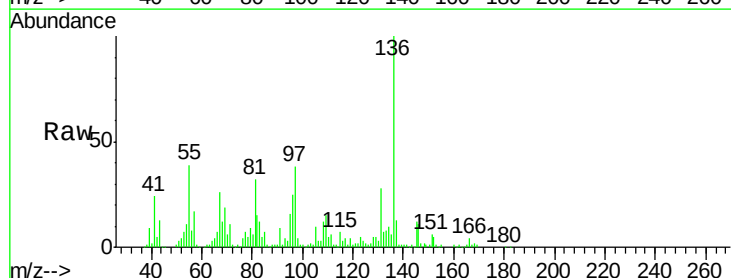
Ion Ratio Lower Upper

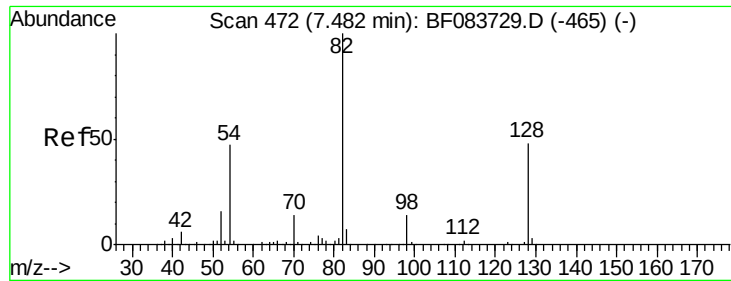
136 100

137 13.0 8.7 13.1

54 10.5 7.8 11.6

68 11.7 5.7 8.5#





#23

Nitrobenzene-d5

Concen: 68.32 ng

RT: 7.52 min Scan# 475

Delta R.T. 0.03 min

Lab File: BF083739.D

Acq: 13 Dec 2015 19:52

Instrument :

BNA_F

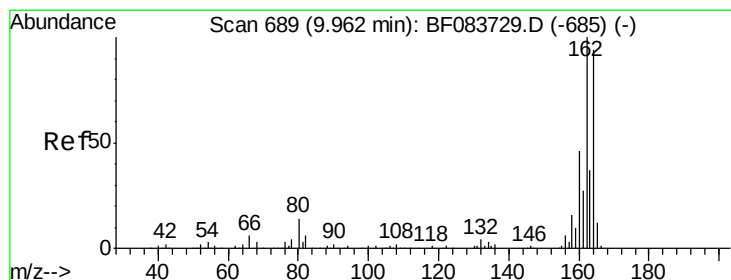
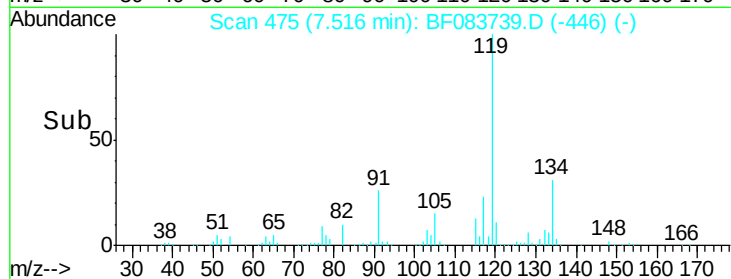
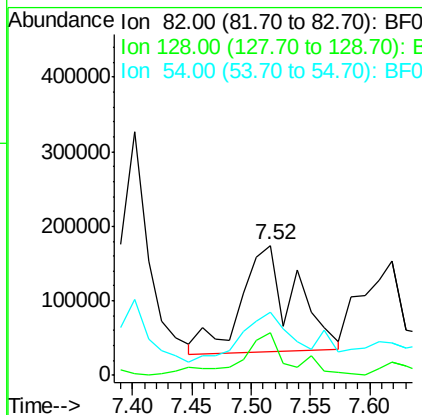
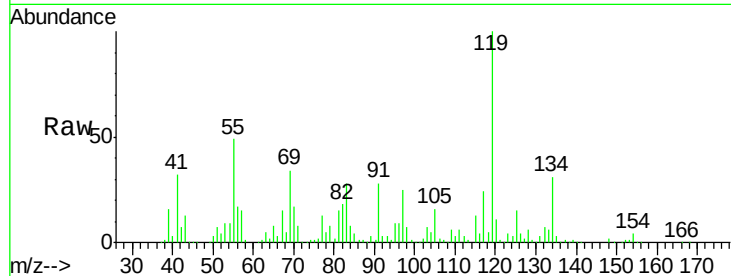
ClientSampleId :

SB-08(14-15)

Tot Ion:	82	Resp:	453360
Ion Ratio	Lower	Upper	
82	100		
128	32.6	30.7	46.1
54	48.0	42.5	63.7

Manual Integrations
APPROVED

MMdadoda
12/14/2015 6:23:46 PM



#38

Acenaphthene-d10

Concen: 20.00 ng

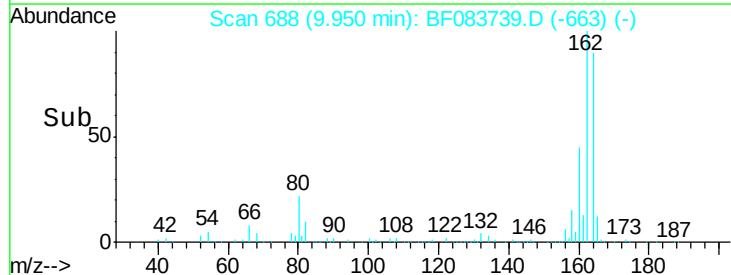
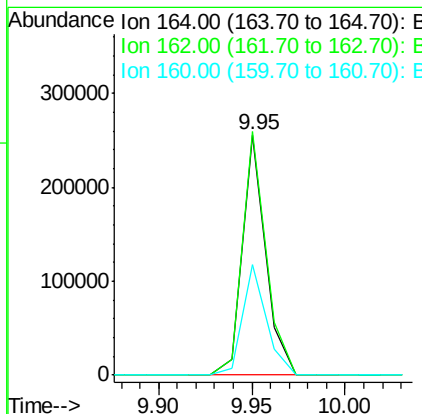
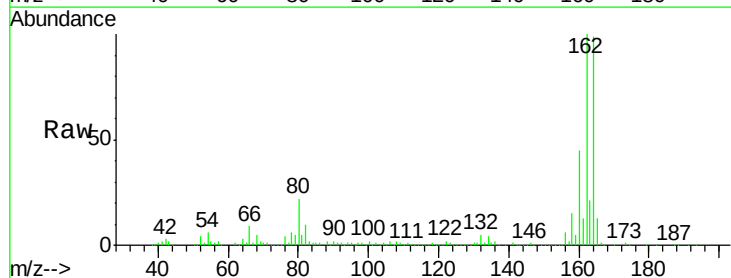
RT: 9.95 min Scan# 688

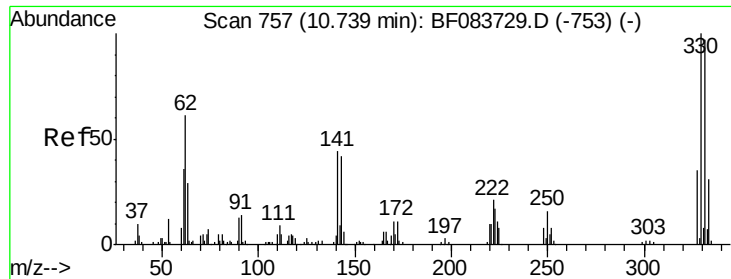
Delta R.T. -0.01 min

Lab File: BF083739.D

Acq: 13 Dec 2015 19:52

Tgt Ion:	164	Resp:	222032
Ion Ratio	Lower	Upper	
164	100		
162	101.3	78.8	118.2
160	45.7	33.4	50.2





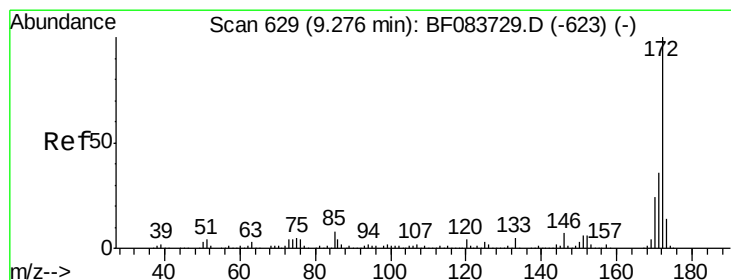
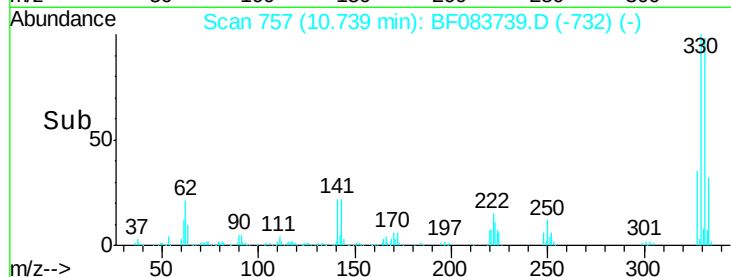
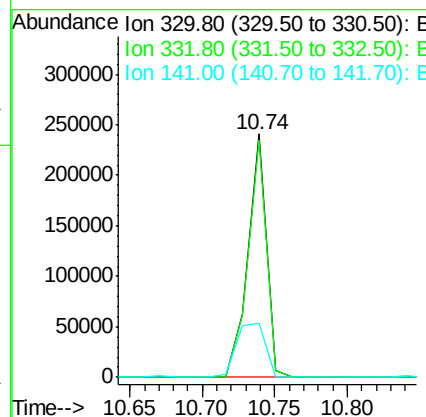
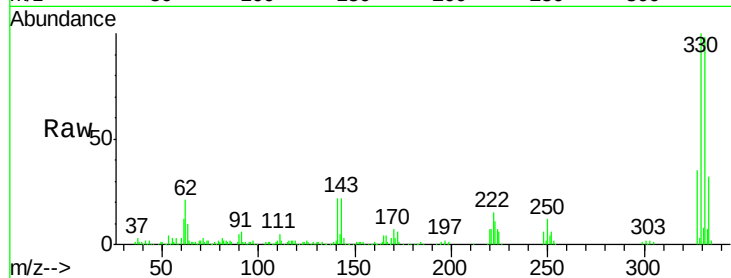
#41
 2,4,6-Tribromophenol
 Concen: 94.96 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BF083739.D
 Acq: 13 Dec 2015 19:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-08(14-15)

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	97.4	0.0	0.0#
141	34.6	0.0	0.0#

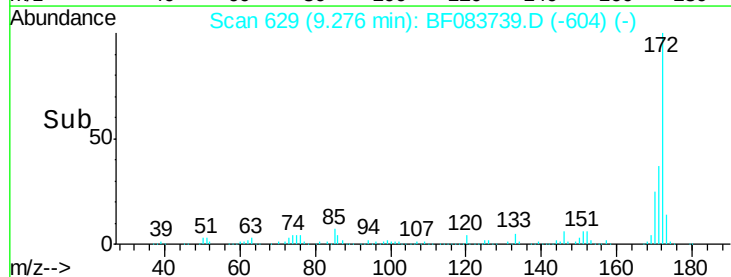
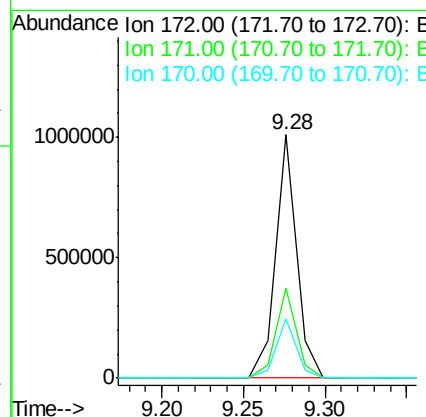
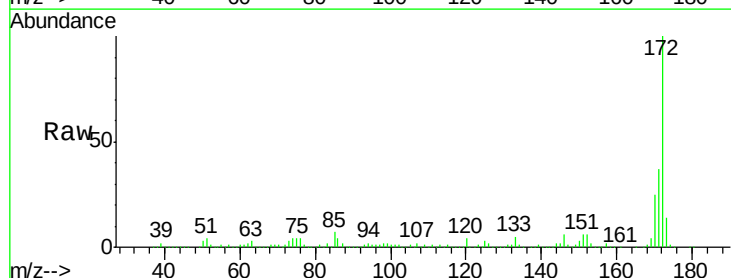
Manual Integrations
 APPROVED

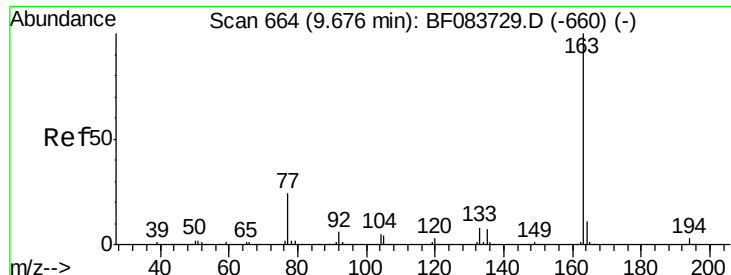
MMdadoda
 12/14/2015 6:23:46 PM



#44
 2-Fluorobiphenyl
 Concen: 54.04 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF083739.D
 Acq: 13 Dec 2015 19:52

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	37.0	28.6	42.8
170	24.6	19.4	29.0





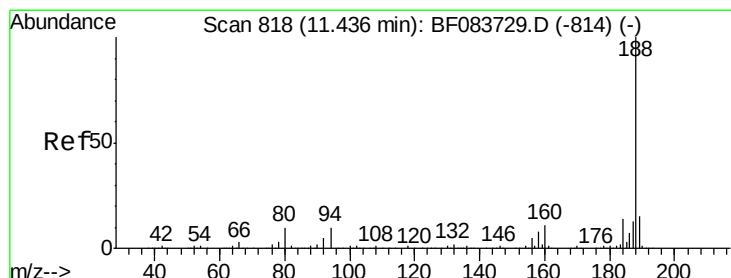
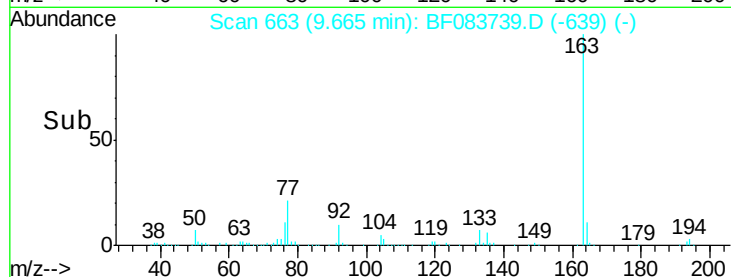
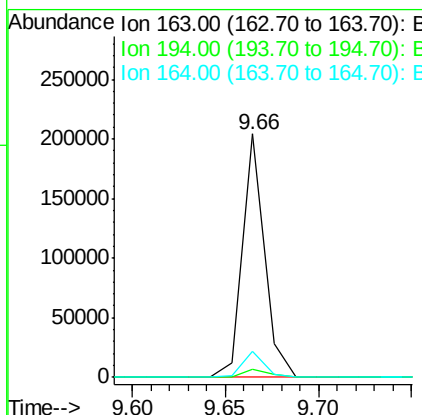
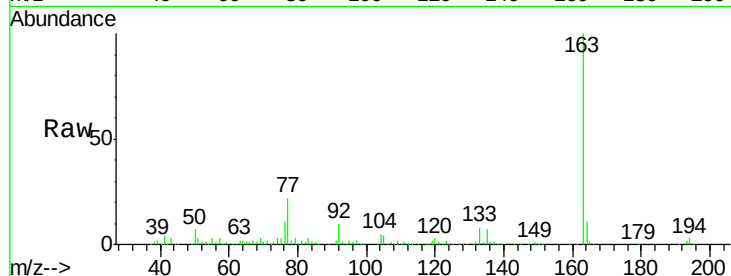
#49
Dimethylphthalate
Concen: 9.68 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.02 min
Lab File: BF083739.D
Acq: 13 Dec 2015 19:52

Instrument :
BNA_F
ClientSampleId :
SB-08(14-15)

Tot Ion	Ratio	Resp	Lower	Upper
163	100	167559		
194	3.4		2.8	4.2
164	10.6		8.6	13.0

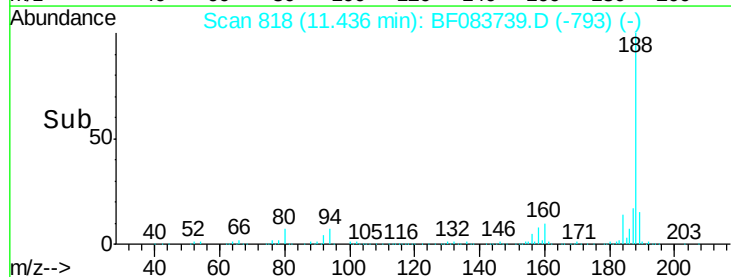
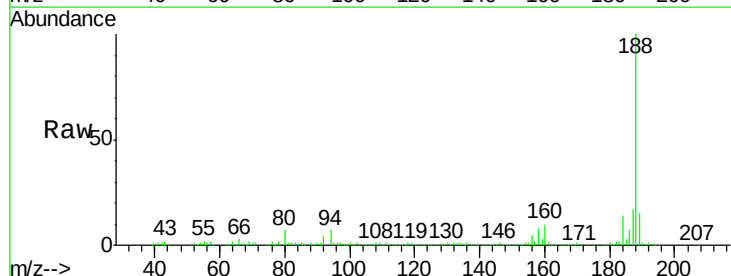
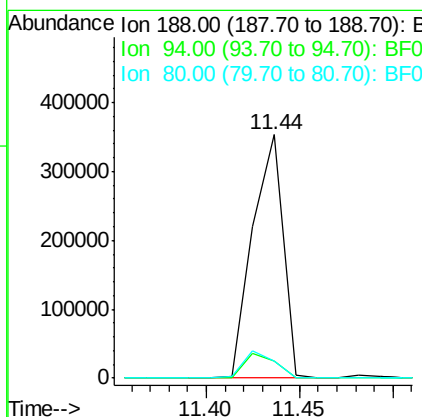
Manual Integrations
APPROVED

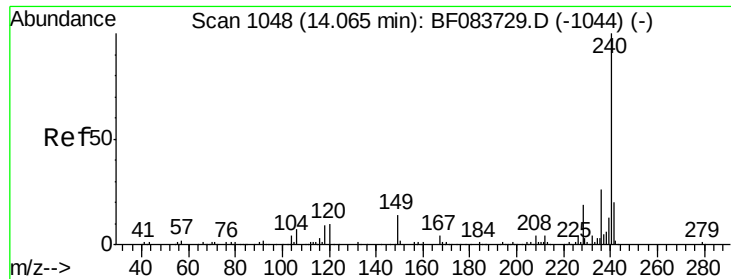
MMdadoda
12/14/2015 6:23:46 PM



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF083739.D
Acq: 13 Dec 2015 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	398241		
94	7.1		9.4	14.2#
80	6.9		10.6	16.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BF083739.D

Acq: 13 Dec 2015 19:52

Instrument :

BNA_F

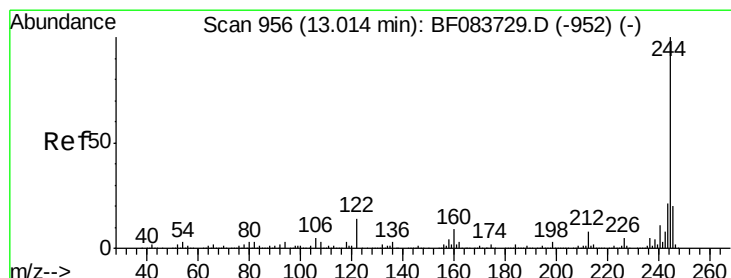
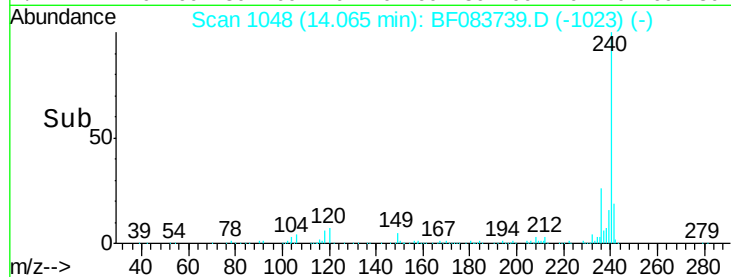
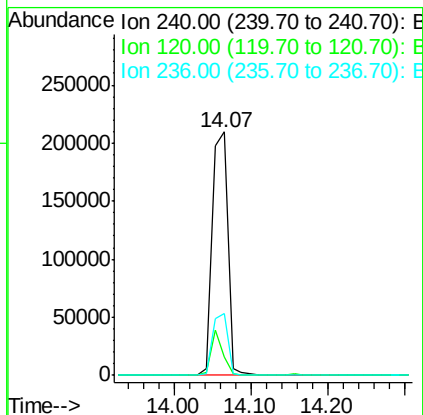
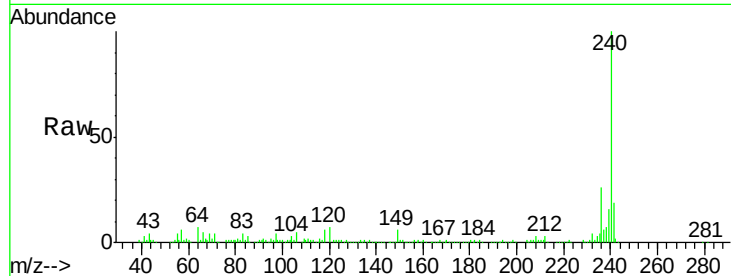
ClientSampleId :

SB-08(14-15)

Tot Ion:	240	Resp:	292291
Ion Ratio	Lower	Upper	
240	100		
120	7.4	8.1	12.1#
236	25.5	20.8	31.2

Manual Integrations
APPROVED

MMdadoda
12/14/2015 6:23:46 PM



#78

Terphenyl-d14

Concen: 60.20 ng

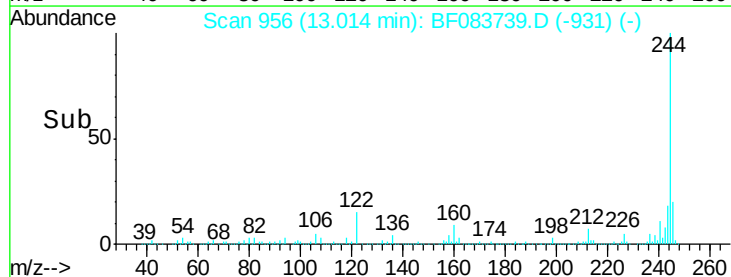
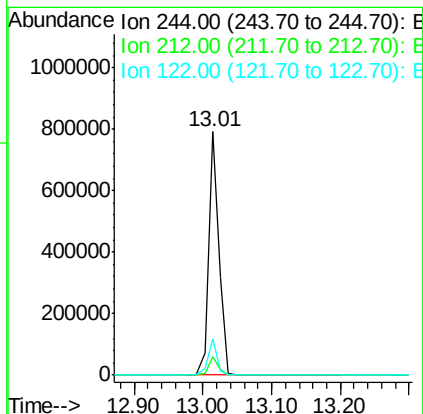
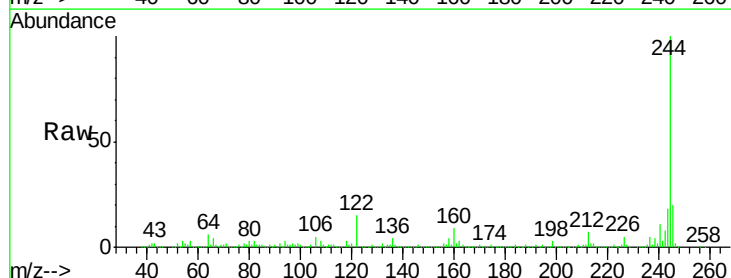
RT: 13.01 min Scan# 956

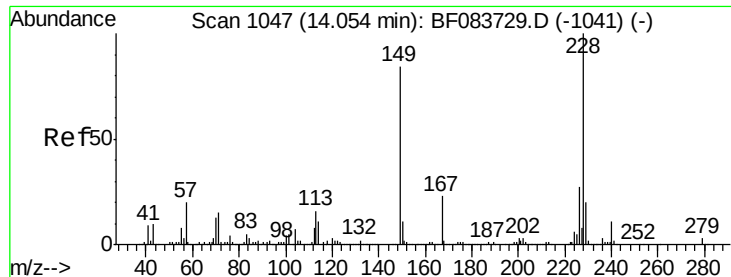
Delta R.T. -0.01 min

Lab File: BF083739.D

Acq: 13 Dec 2015 19:52

Tgt Ion:	244	Resp:	817983
Ion Ratio	Lower	Upper	
244	100		
212	7.4	6.1	9.1
122	14.9	11.0	16.6





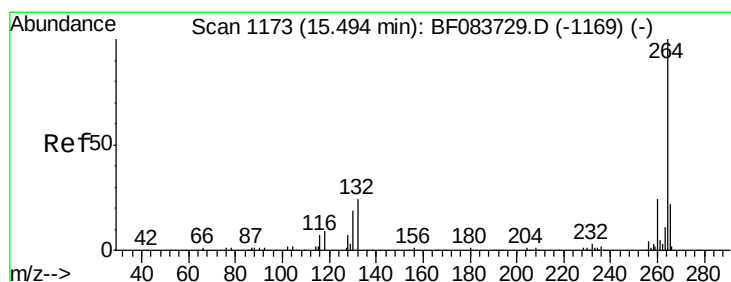
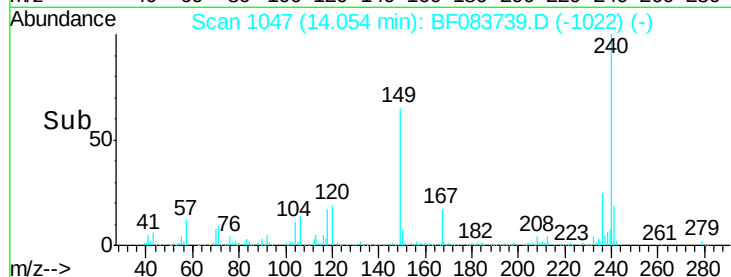
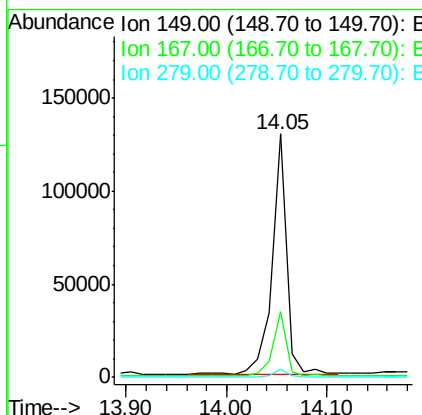
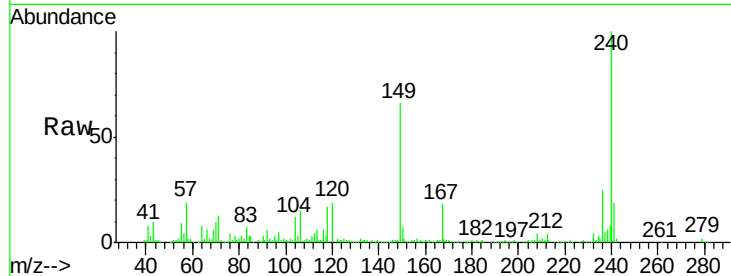
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 11.48 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BF083739.D
 Acq: 13 Dec 2015 19:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-08(14-15)

Tot Ion:	149	Resp:	129510
Ion Ratio	Lower	Upper	
149	100		
167	26.9	21.8	32.8
279	3.5	3.0	4.4

Manual Integrations
 APPROVED

MMdadoda
 12/14/2015 6:23:46 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF083739.D
 Acq: 13 Dec 2015 19:52

Tgt Ion:	264	Resp:	255583
Ion Ratio	Lower	Upper	
264	100		
260	23.4	19.4	29.0
265	21.6	17.8	26.6

