

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
 Data File : BF087784.D
 Acq On : 7 Jun 2016 11:56
 Operator : UM/SJ
 Sample : H3391-01DL2 50X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SYSDIS-060216DL

Manual Integrations
 APPROVED

sohil
 6/7/2016 7:23:29 PM

Quant Time: Jun 07 14:44:27 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 11:07:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	102737	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	432487	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	208736	20.00	ng	-0.03
63) Phenanthrene-d10	11.36	188	411787	20.00	ng	-0.02
75) Chrysene-d12	13.98	240	313695	20.00	ng	-0.05
86) Perylene-d12	15.39	264	238828	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	5220	0.82	ng	-0.02
7) Phenol-d6	6.47	99	3631	0.46	ng	-0.02
23) Nitrobenzene-d5	7.39	82	12039	1.61	ng	-0.03
41) 2,4,6-Tribromophenol	10.66	330	3365	1.61	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	34481	2.22	ng	-0.03
78) Terphenyl-d14	12.94	244	26851	2.09	ng	-0.03
Target Compounds						
6) Aniline	6.50	93	531727	47.06	ng	99
13) 1,4-Dichlorobenzene	6.86	146	47537	6.05	ng	98
14) 1,2-Dichlorobenzene	7.00	146	45338m	6.15	ng	

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

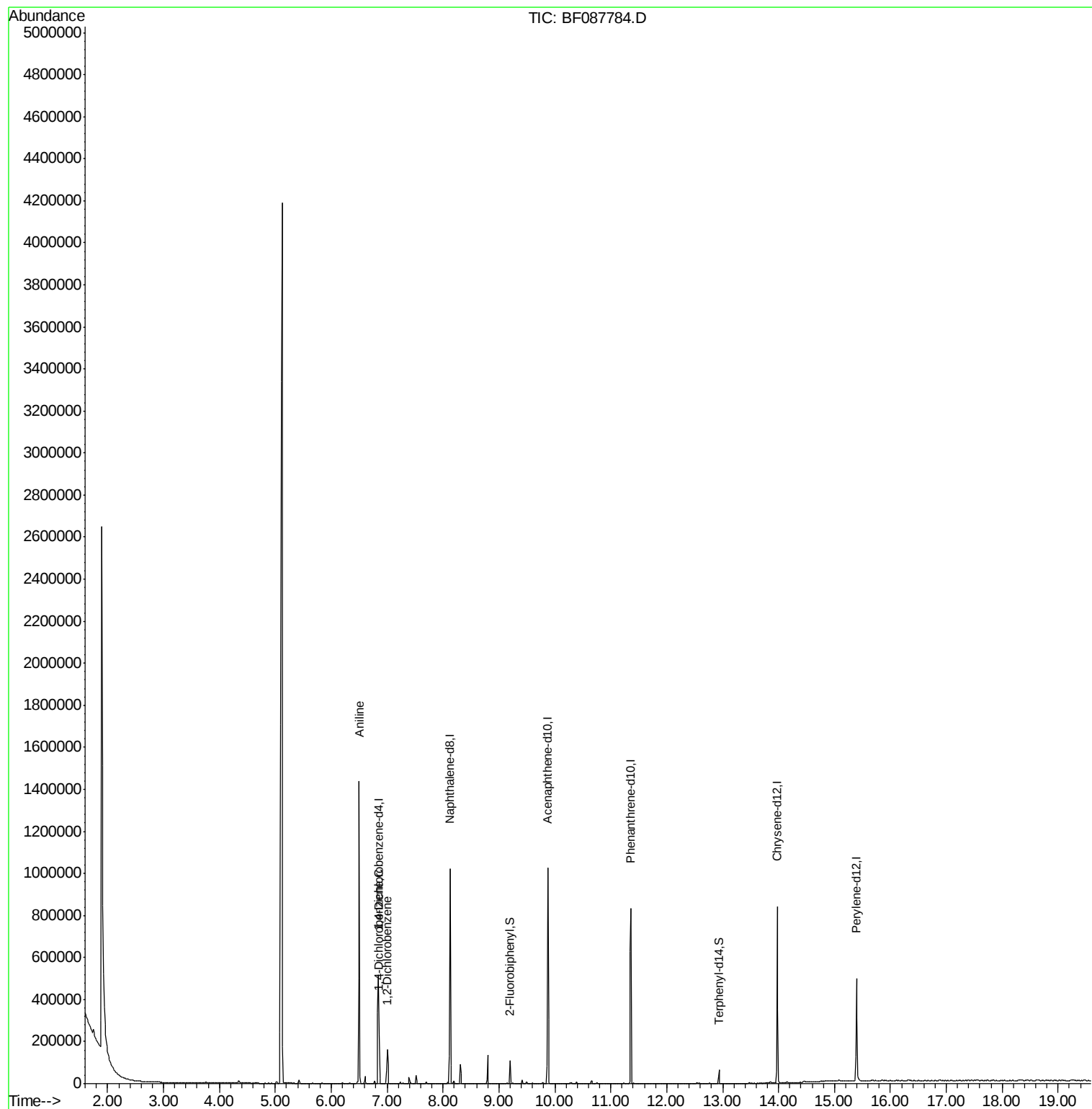
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
Data File : BF087784.D
Acq On : 7 Jun 2016 11:56
Operator : UM/SJ
Sample : H3391-01DL2 50X
Misc :
ALS Vial : 39 Sample Multiplier: 1

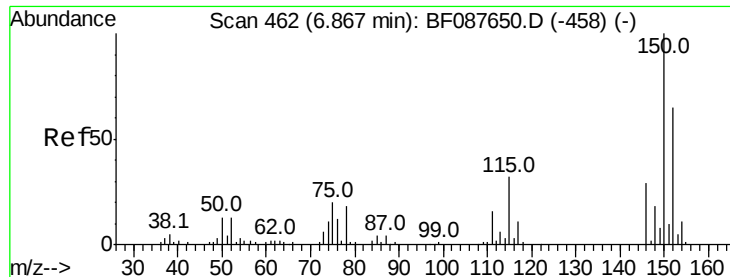
Instrument :
BNA_F
ClientSampleId :
SYSDIS-060216DL

Manual Integrations
APPROVED

sohil
6/7/2016 7:23:29 PM

Quant Time: Jun 07 14:44:27 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 04 11:07:28 2016
Response via : Initial Calibration





#1

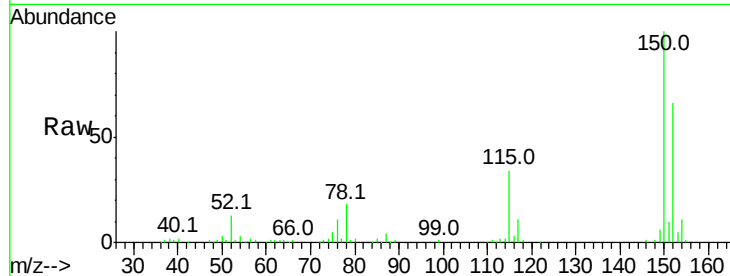
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 460
Delta R.T. -0.02 min
Lab File: BF087784.D
Acq: 7 Jun 2016 11:56

Instrument :
BNA_F
ClientSampleId :
SYSDIS-060216DL

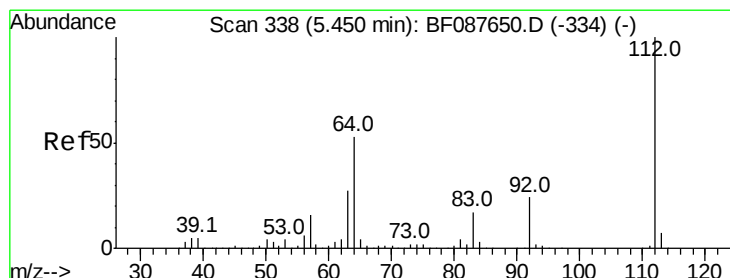
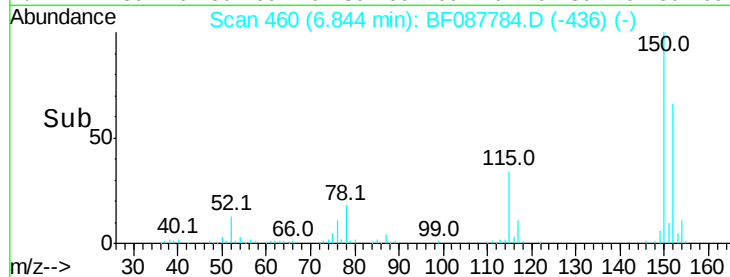
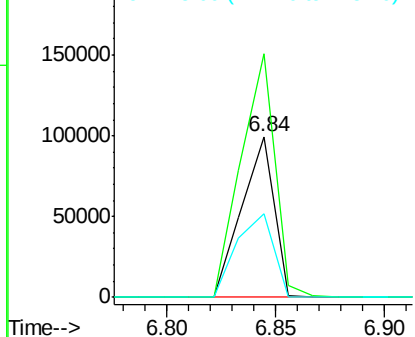
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.5	123.8	185.6
115	51.7	39.6	59.4

Manual Integrations
APPROVED

sohil
6/7/2016 7:23:29 PM



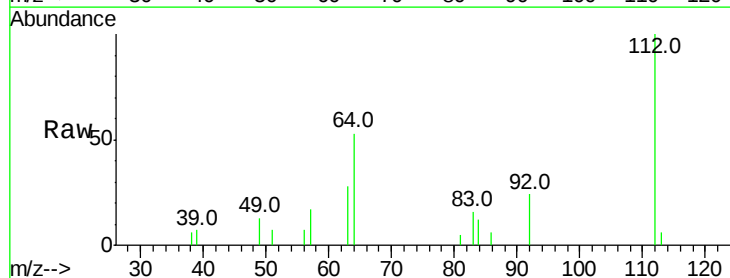
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



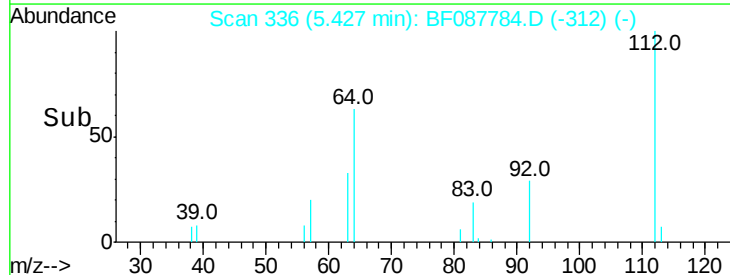
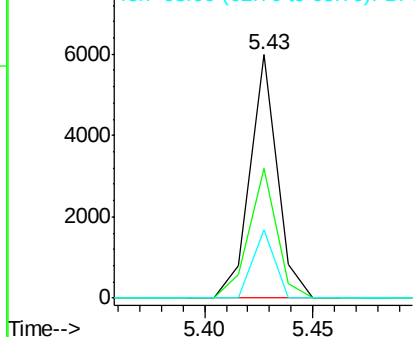
#5

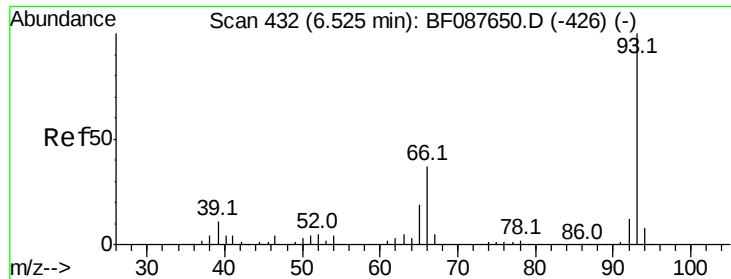
2-Fluorophenol
Concen: 0.82 ng
RT: 5.43 min Scan# 336
Delta R.T. -0.02 min
Lab File: BF087784.D
Acq: 7 Jun 2016 11:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.3	42.2	63.2
63	28.0	21.8	32.8



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





#6

Aniline

Concen: 47.06 ng

RT: 6.50 min Scan# 430

Delta R.T. -0.02 min

Lab File: BF087784.D

Acq: 7 Jun 2016 11:56

Instrument :

BNA_F

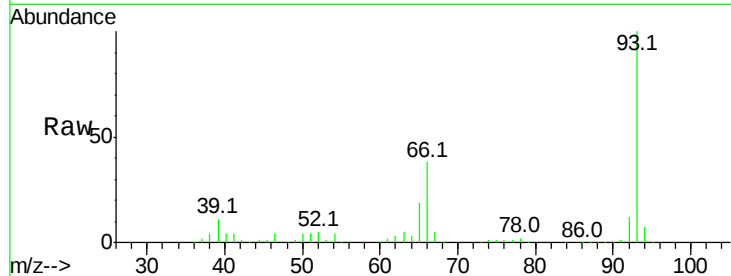
ClientSampleId :

SYSDIS-060216DL

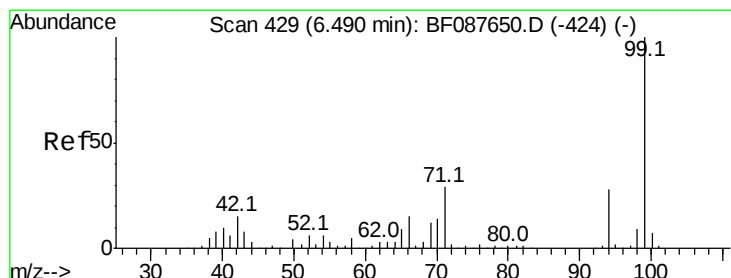
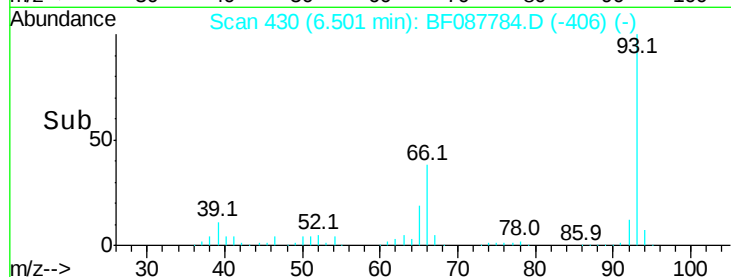
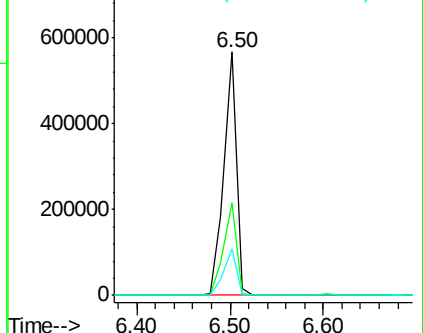
Tot Ion:	93	Resp:	531727
Ion Ratio	Lower	Upper	
93	100		
66	38.0	29.8	44.8
65	19.2	14.9	22.3

Manual Integrations
APPROVED

sohil
6/7/2016 7:23:29 PM



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 66.00 (65.70 to 66.70): BF0
Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 0.46 ng

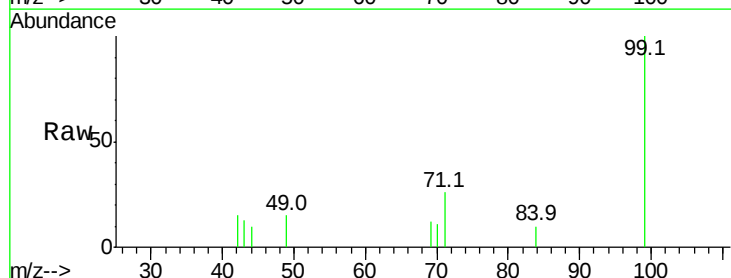
RT: 6.47 min Scan# 427

Delta R.T. -0.02 min

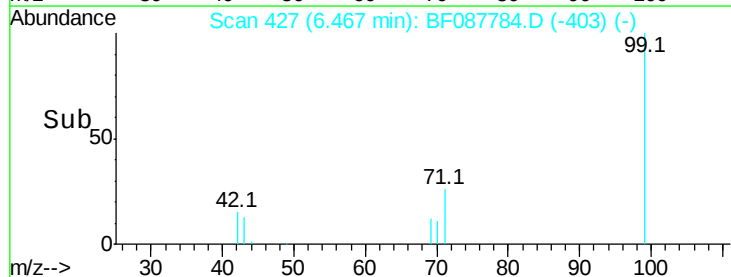
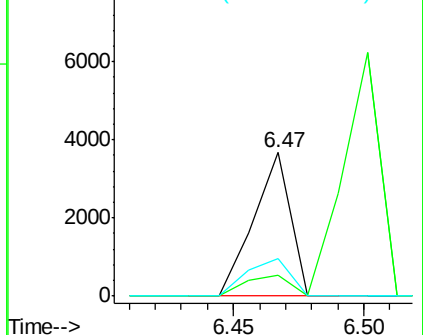
Lab File: BF087784.D

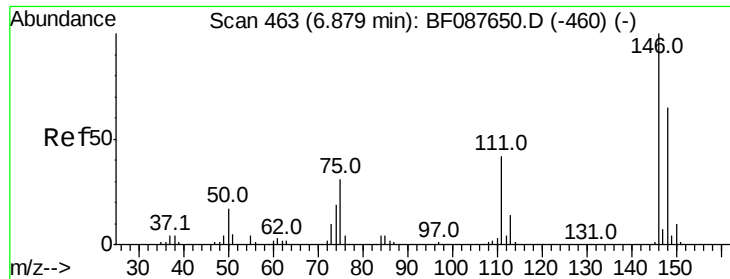
Acq: 7 Jun 2016 11:56

Tgt Ion:	99	Resp:	3631
Ion Ratio	Lower	Upper	
99	100		
42	14.8	12.2	18.2
71	26.2	23.4	35.0



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0





#13

1,4-Dichlorobenzene

Concen: 6.05 ng

RT: 6.86 min Scan# 461

Delta R.T. -0.02 min

Lab File: BF087784.D

Acq: 7 Jun 2016 11:56

Instrument :

BNA_F

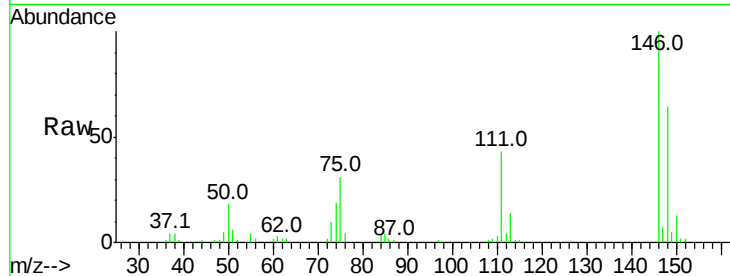
ClientSampleId :

SYSDIS-060216DL

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.0	78.0
111	43.1	33.8	50.8

Manual Integrations
APPROVED

sohil
6/7/2016 7:23:29 PM

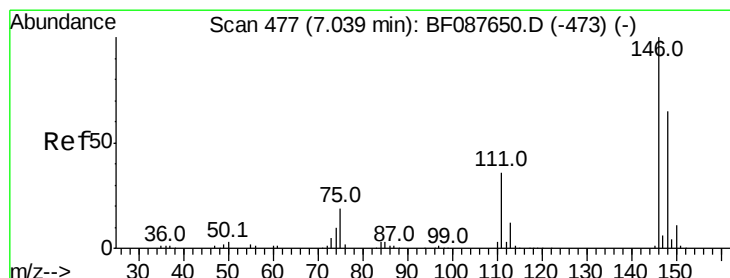
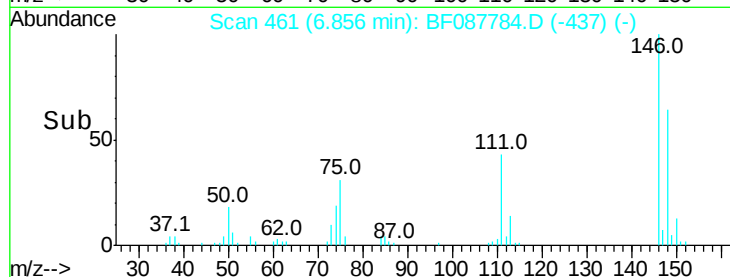
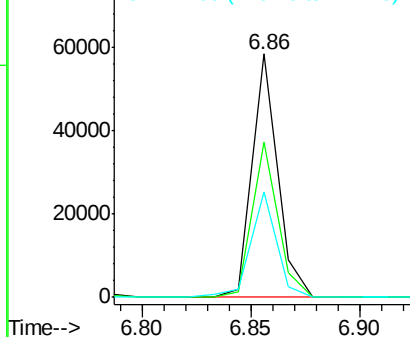


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 6.15 ng m

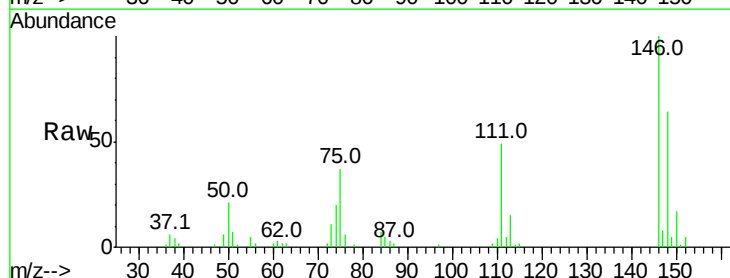
RT: 7.00 min Scan# 474

Delta R.T. -0.03 min

Lab File: BF087784.D

Acq: 7 Jun 2016 11:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.3	78.5
111	48.7	28.7	43.1#

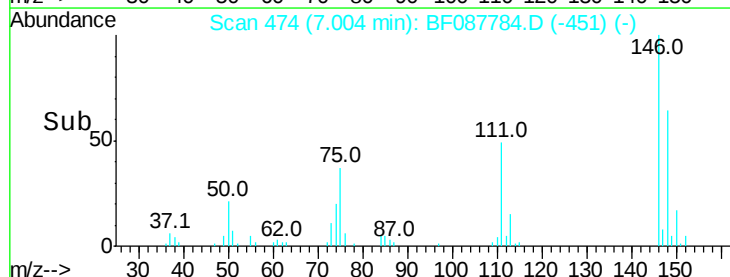
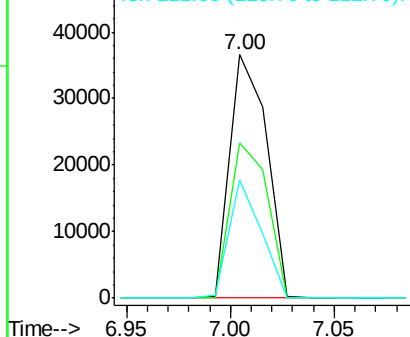


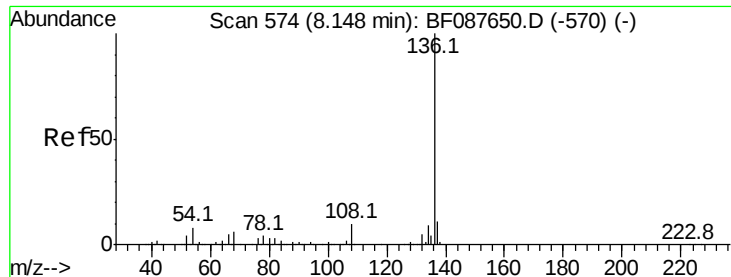
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 572

Delta R.T. -0.02 min

Lab File: BF087784.D

Acq: 7 Jun 2016 11:56

Instrument :

BNA_F

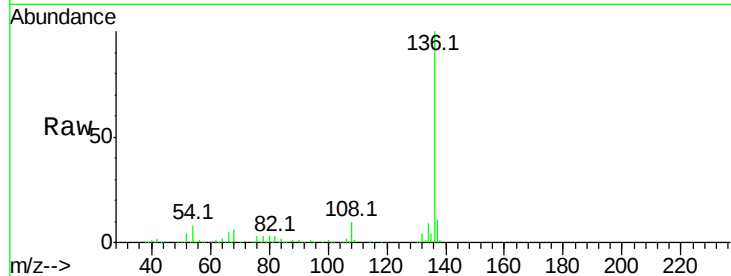
ClientSampleId :

SYSDIS-060216DL

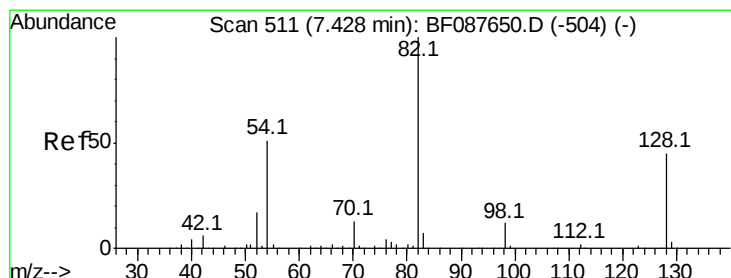
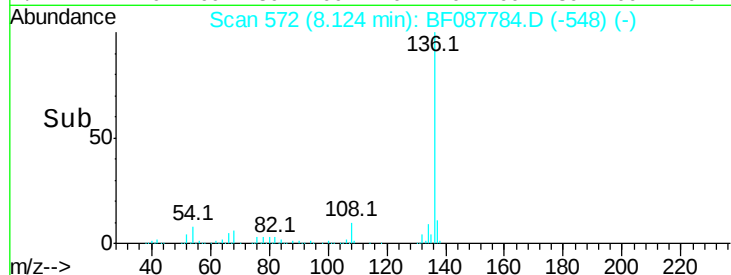
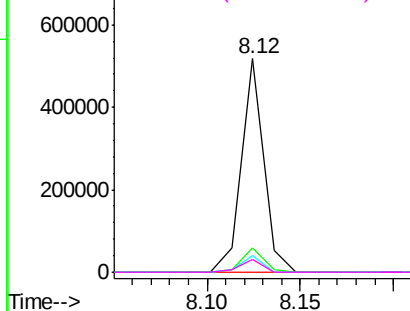
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	9.1	13.7	
54	7.6	6.6	10.0	
68	5.9	5.1	7.7	

Manual Integrations
APPROVED

sohil
6/7/2016 7:23:29 PM



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 1.61 ng

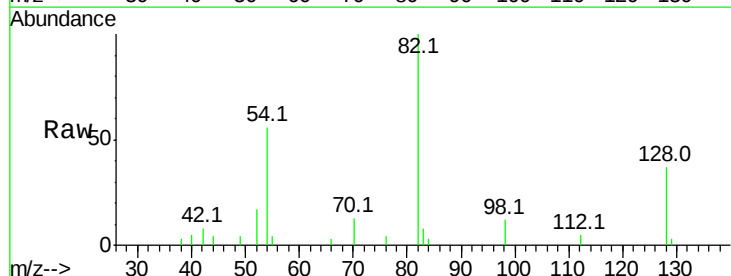
RT: 7.39 min Scan# 508

Delta R.T. -0.03 min

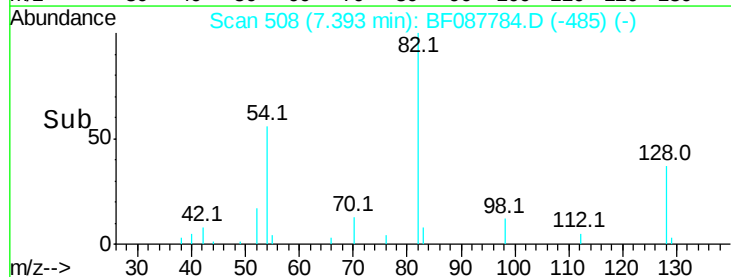
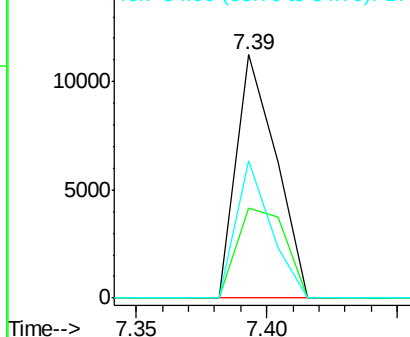
Lab File: BF087784.D

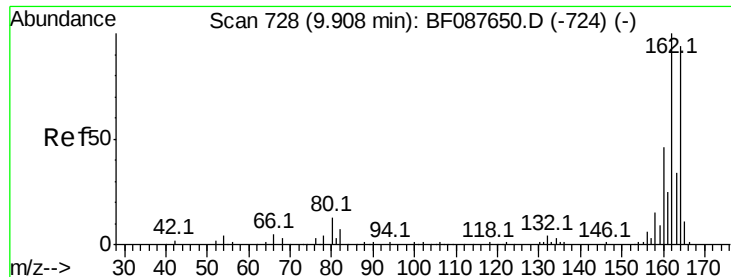
Acq: 7 Jun 2016 11:56

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	36.7	35.9	53.9	
54	56.4	40.9	61.3	



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





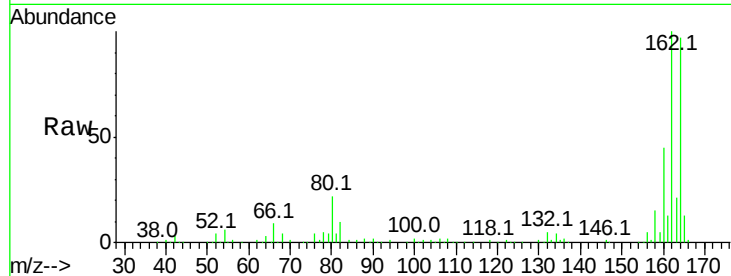
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 725
 Delta R.T. -0.03 min
 Lab File: BF087784.D
 Acq: 7 Jun 2016 11:56

Instrument :
 BNA_F
 ClientSampleId :
 SYSDIS-060216DL

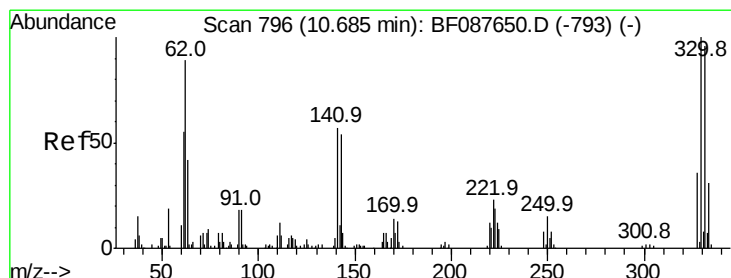
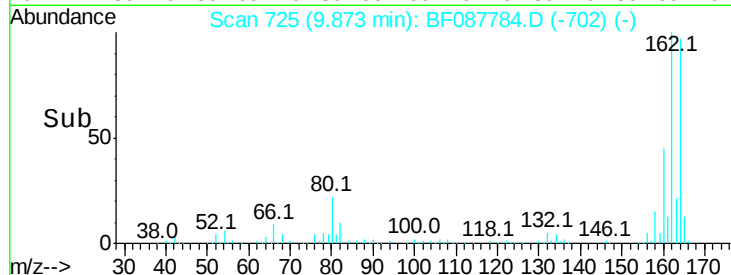
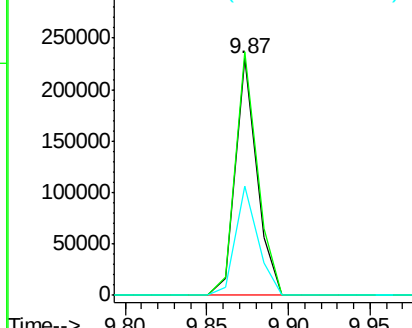
Tot Ion	Ratio	Resp	Lower	Upper
164	100	208736		
162	102.9	85.4	128.2	
160	46.0	39.5	59.3	

Manual Integrations
 APPROVED

sohil
 6/7/2016 7:23:29 PM

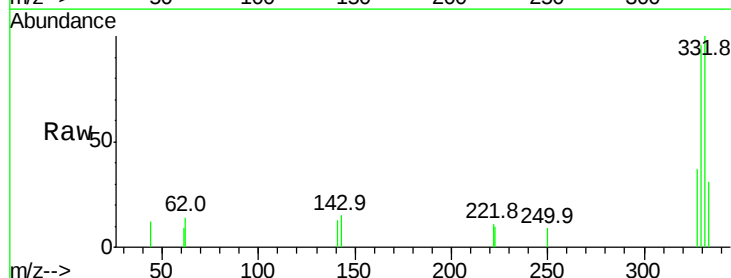


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

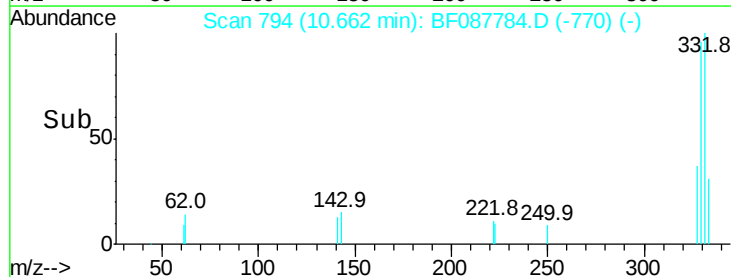
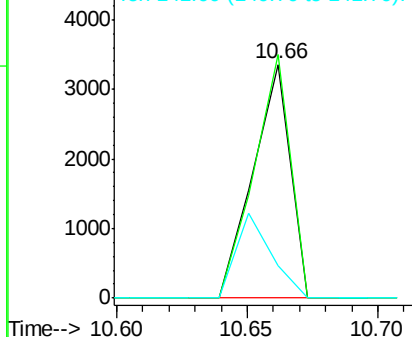


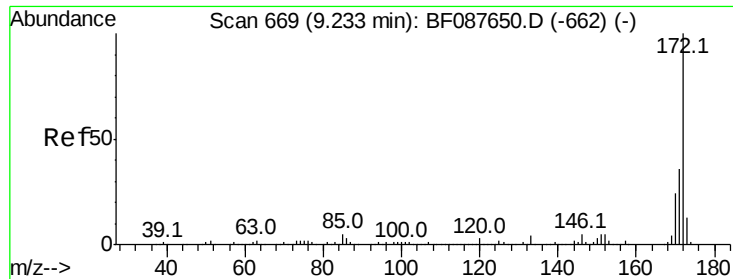
#41
 2,4,6-Tribromophenol
 Concen: 1.61 ng
 RT: 10.66 min Scan# 794
 Delta R.T. -0.02 min
 Lab File: BF087784.D
 Acq: 7 Jun 2016 11:56

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	3365		
332	101.5	0.0	0.0#	
141	34.5	0.0	0.0#	



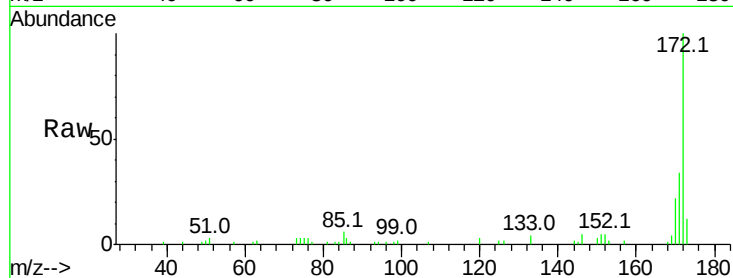
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E





#44
 2-Fluorobiphenyl
 Concen: 2.22 ng
 RT: 9.20 min Scan# 666
 Delta R.T. -0.03 min
 Lab File: BF087784.D
 Acq: 7 Jun 2016 11:56

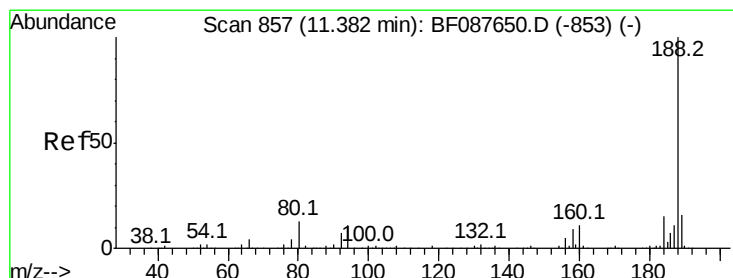
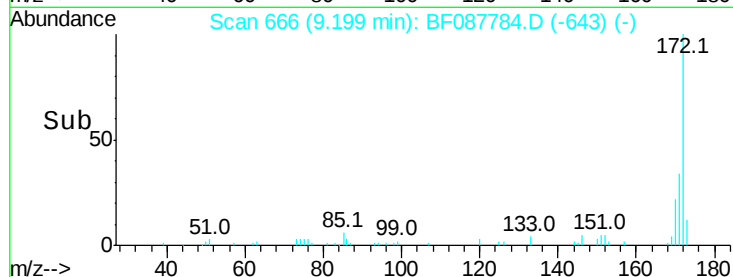
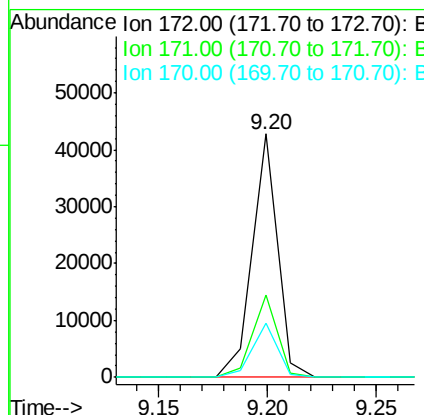
Instrument :
 BNA_F
 ClientSampleId :
 SYSDIS-060216DL



Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	33.8		28.6	43.0
170	22.3		19.2	28.8

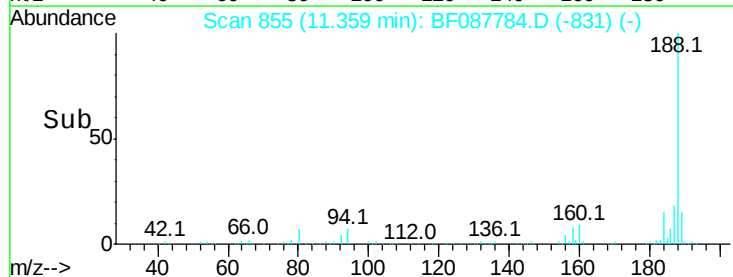
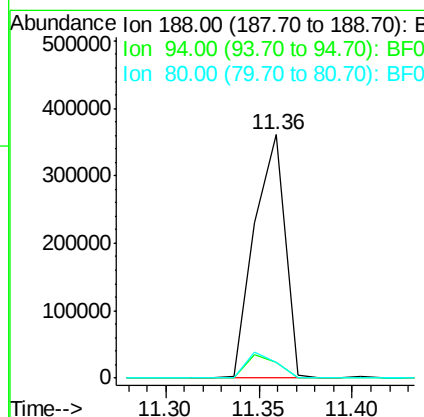
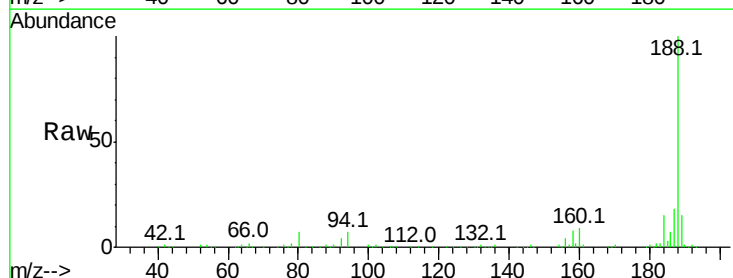
Manual Integrations
 APPROVED

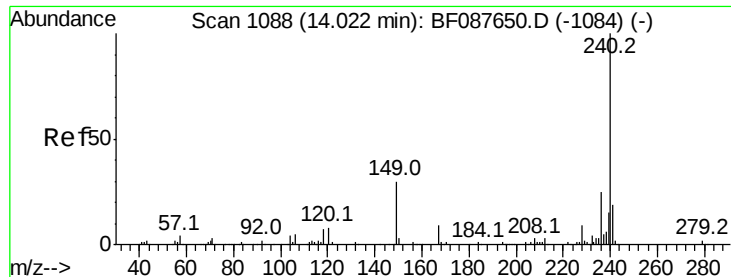
sohil
 6/7/2016 7:23:29 PM



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 855
 Delta R.T. -0.02 min
 Lab File: BF087784.D
 Acq: 7 Jun 2016 11:56

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	6.6		9.0	13.6#
80	6.5		10.0	15.0#





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 13.98 min Scan# 1084

Delta R.T. -0.05 min

Lab File: BF087784.D

Acq: 7 Jun 2016 11:56

Instrument :

BNA_F

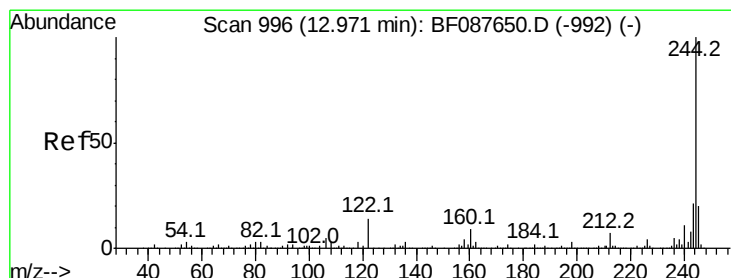
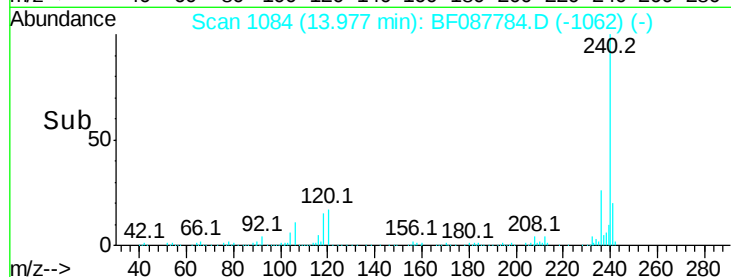
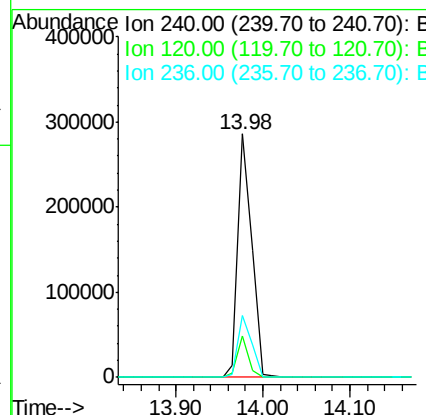
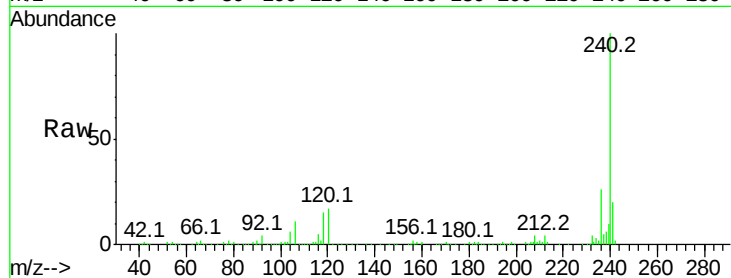
ClientSampleId :

SYSDIS-060216DL

Tot Ion:	240	Resp:	313695
Ion Ratio	Lower	Upper	
240	100		
120	16.8	6.8	10.2#
236	25.7	20.2	30.2

Manual Integrations
APPROVED

sohil
6/7/2016 7:23:29 PM



#78

Terphenyl-d14

Concen: 2.09 ng

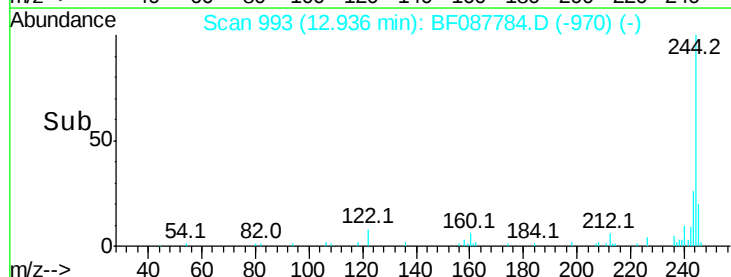
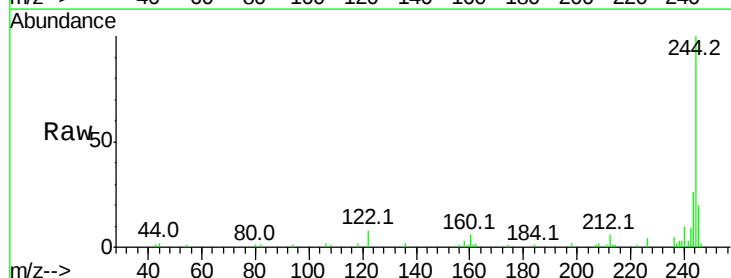
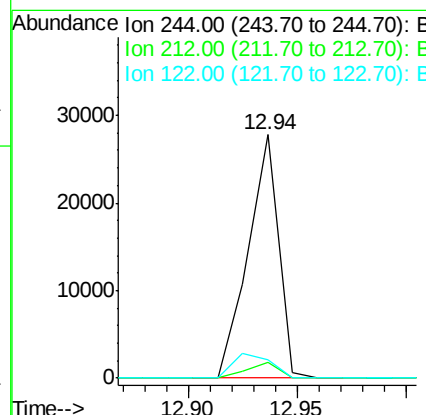
RT: 12.94 min Scan# 993

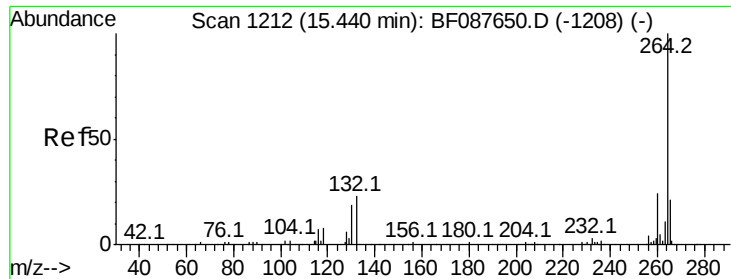
Delta R.T. -0.03 min

Lab File: BF087784.D

Acq: 7 Jun 2016 11:56

Tgt Ion:	244	Resp:	26851
Ion Ratio	Lower	Upper	
244	100		
212	6.4	6.0	9.0
122	7.8	11.2	16.8#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1208
Delta R.T. -0.05 min
Lab File: BF087784.D
Acq: 7 Jun 2016 11:56

Instrument :
BNA_F
ClientSampleId :
SYSDIS-060216DL

Tot Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.0	19.2	28.8
265	22.0	16.9	25.3

Manual Integrations
APPROVED

sohil
6/7/2016 7:23:29 PM

