

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092915\
 Data File : BF081901.D
 Acq On : 30 Sep 2015 7:00
 Operator : UM/IZ
 Sample : G3805-01DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SYSDIS-092315DL

Manual Integrations
 APPROVED

apatel
 9/30/2015 9:09:45 AM

Quant Time: Sep 30 08:29:31 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	143116	20.00	ng	-0.01
21) Naphthalene-d8	8.21	136	583670	20.00	ng	-0.01
38) Acenaphthene-d10	9.97	164	308563	20.00	ng	-0.01
63) Phenanthrene-d10	11.45	188	662889	20.00	ng	-0.01
75) Chrysene-d12	14.09	240	655149	20.00	ng	-0.02
86) Perylene-d12	15.57	264	571760	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.62	99	4245	0.43	ng	0.06
23) Nitrobenzene-d5	7.49	82	95111	10.86	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	20211	6.47	ng	-0.01
44) 2-Fluorobiphenyl	9.28	172	246999	10.65	ng	-0.02
78) Terphenyl-d14	13.04	244	321855	11.35	ng	-0.01
Target Compounds						
3) Pyridine	3.39	79	20466m	2.29	ng	Qvalue
6) Aniline	6.65	93	9174312	688.35	ng	# 82
8) 2-Chlorophenol	6.72	128	19459	2.24	ng	# 70
12) 1,3-Dichlorobenzene	6.87	146	25130	2.44	ng	# 92
13) 1,4-Dichlorobenzene	6.95	146	133693	12.45	ng	97
14) 1,2-Dichlorobenzene	7.10	146	755620	78.97	ng	96
24) Nitrobenzene	7.51	77	611407	64.31	ng	# 69

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

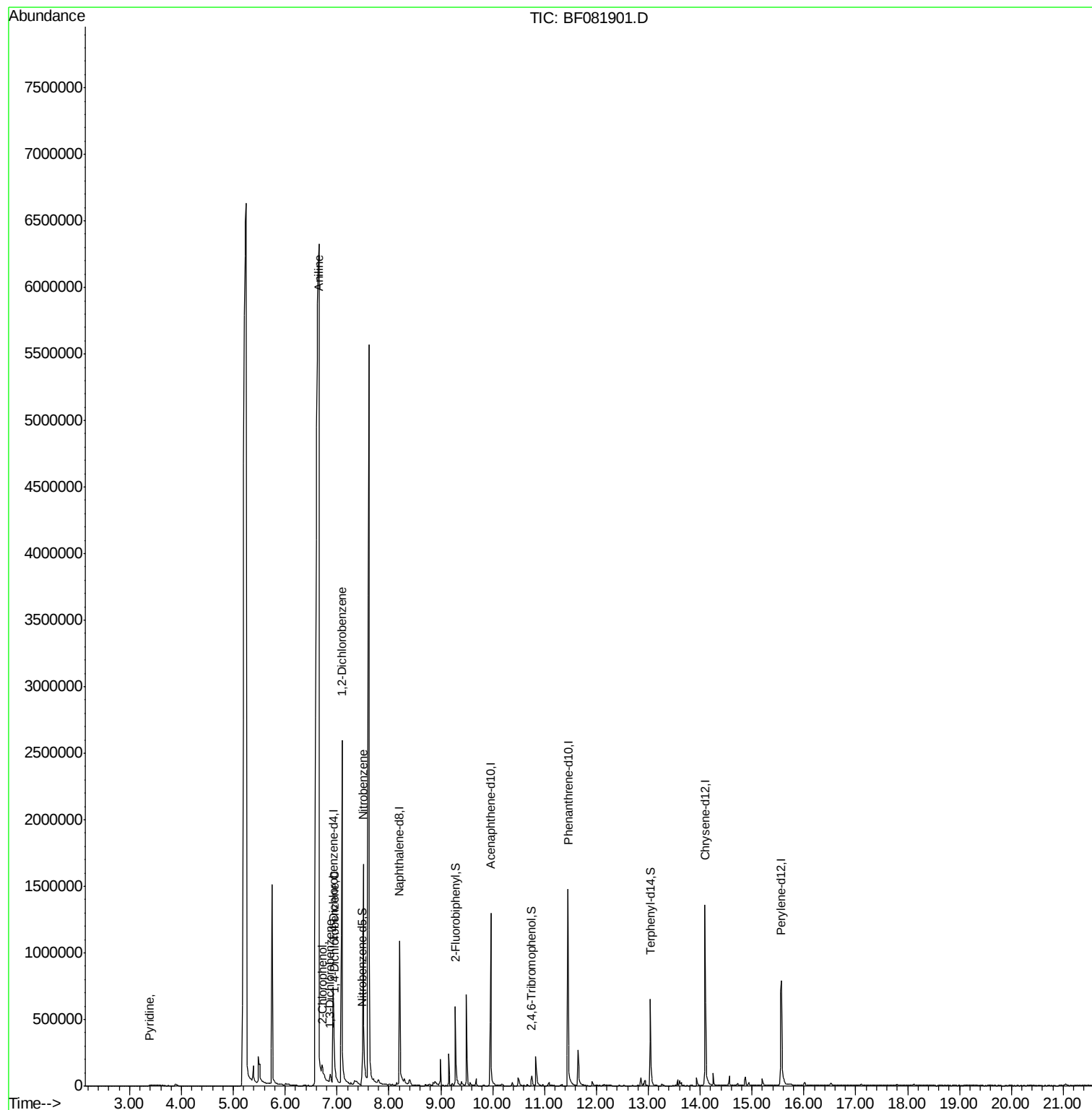
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092915\
Data File : BF081901.D
Acq On : 30 Sep 2015 7:00
Operator : UM/IZ
Sample : G3805-01DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

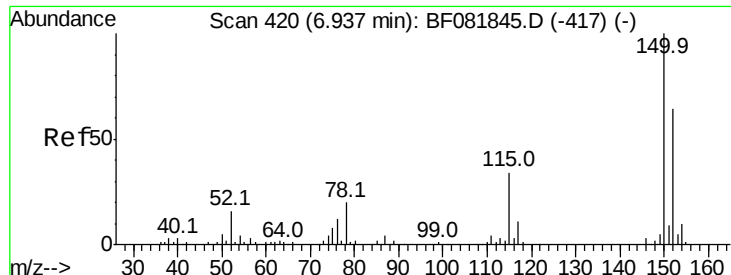
Instrument :
BNA_F
ClientSampleId :
SYSDIS-092315DL

Manual Integrations
APPROVED

apatel
9/30/2015 9:09:45 AM

Quant Time: Sep 30 08:29:31 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF081901.D

Acq: 30 Sep 2015 7:00

Instrument :

BNA_F

ClientSampleID :

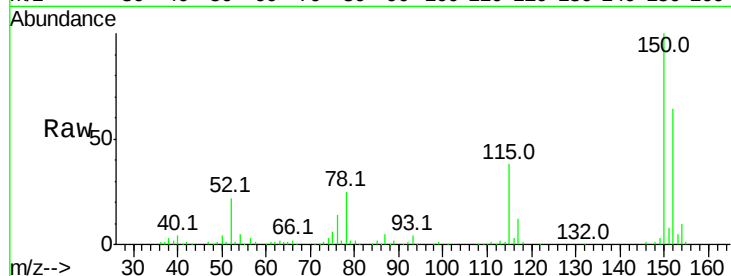
SYSDIS-092315DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.7	187.1
115	58.7	39.0	58.4

Manual Integrations
APPROVED

apatel

9/30/2015 9:09:45 AM

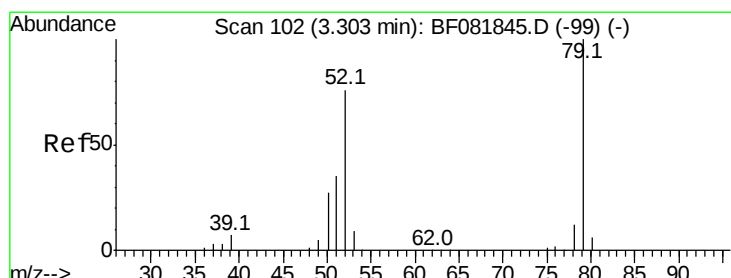
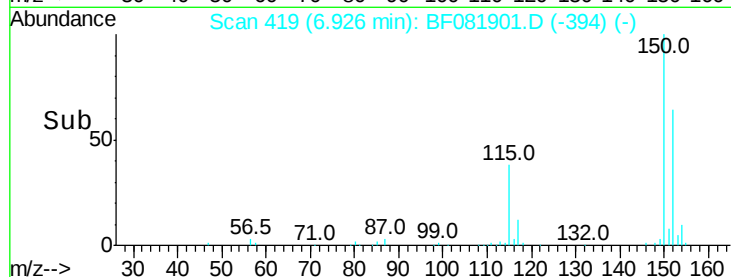
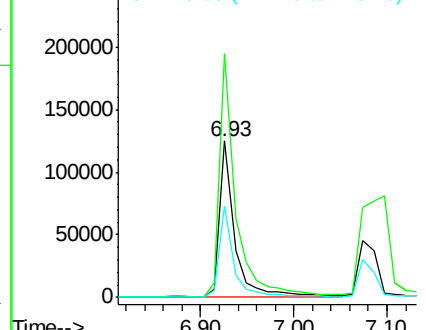


Abundance

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



#3

Pyridine

Concen: 2.29 ng m

RT: 3.39 min Scan# 110

Delta R.T. 0.09 min

Lab File: BF081901.D

Acq: 30 Sep 2015 7:00

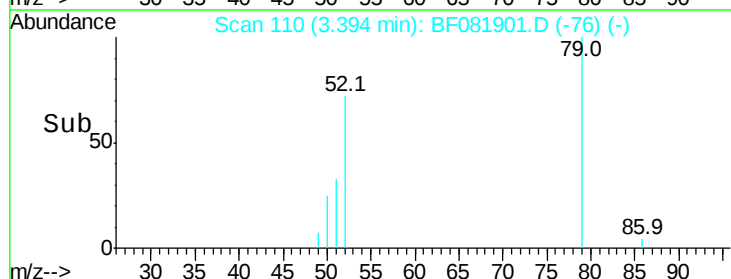
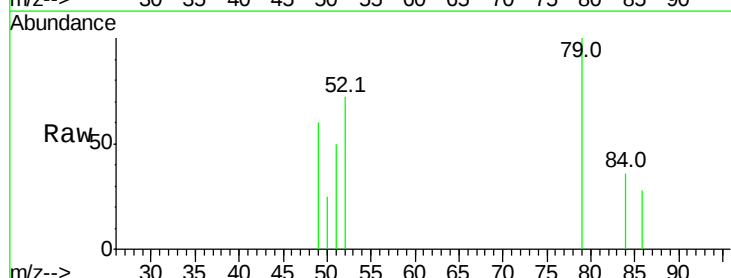
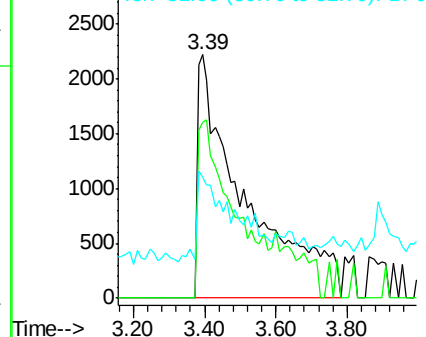
Tgt Ion	Ratio	Lower	Upper
79	100		
52	72.0	76.8	115.2
51	49.5	32.2	48.4

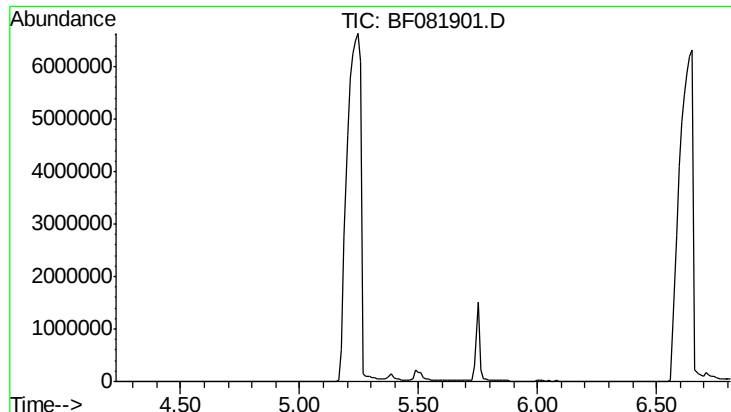
Abundance

Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0





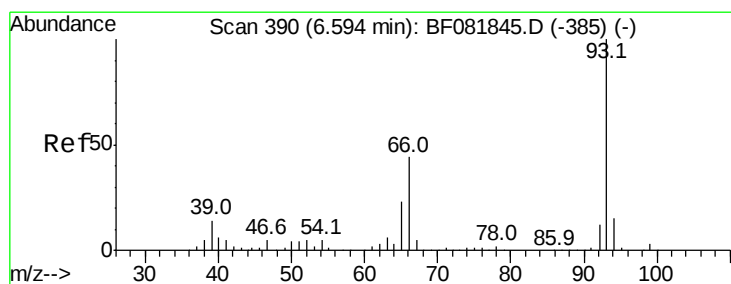
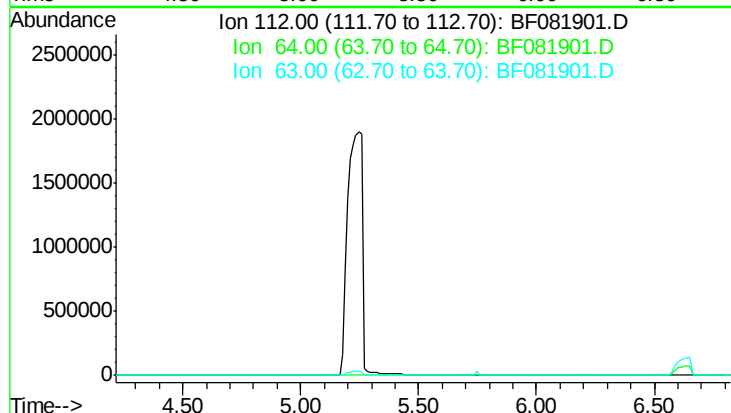
#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.52 min
 Lab File: BF081901.D
 Acq: 30 Sep 2015 7:00

Instrument :
 BNA_F
 ClientSampleId :
 SYSDIS-092315DL

Tot Ion	112
Sig	Exp Ratio
112	100
64	49.6
63	21.7

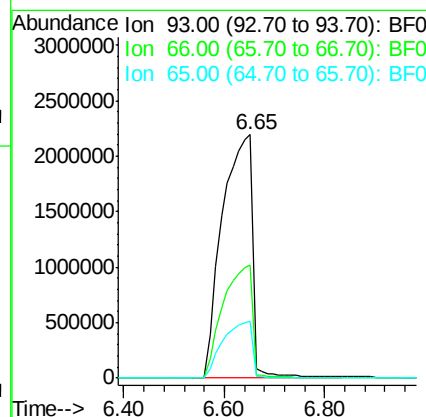
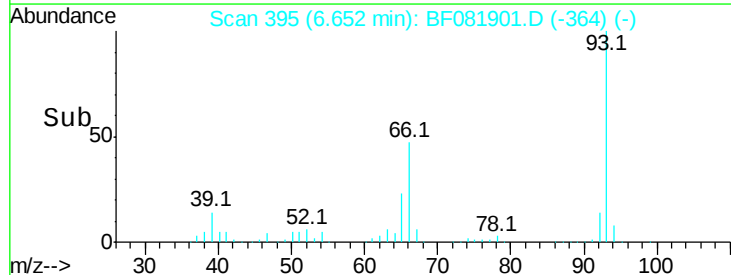
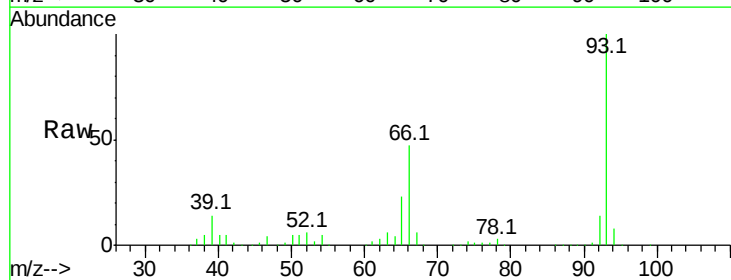
Manual Integrations
 APPROVED

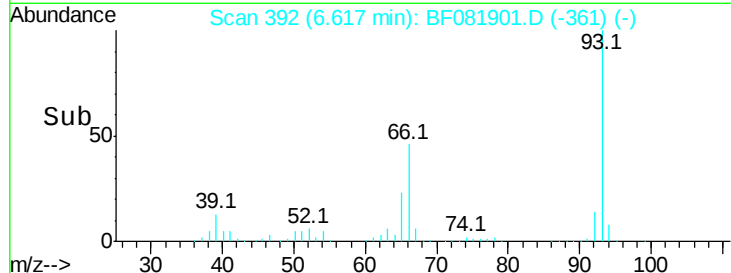
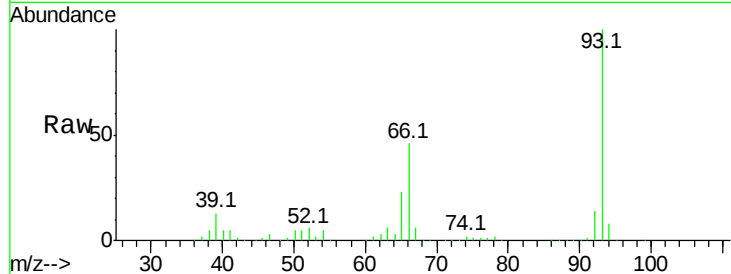
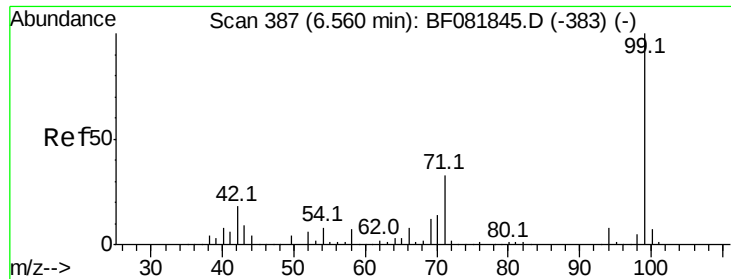
apatel
 9/30/2015 9:09:45 AM



#6
 Aniline
 Concen: 688.35 ng
 RT: 6.65 min Scan# 395
 Delta R.T. 0.06 min
 Lab File: BF081901.D
 Acq: 30 Sep 2015 7:00

Tgt Ion	93	Resp	Lower	Upper
Ion Ratio	100			
93	100			
66	46.6	27.2	40.8#	
65	23.1	14.7	22.1#	





#7

Phenol-d6

Concen: 0.43 ng

RT: 6.62 min Scan# 392

Delta R.T. 0.06 min

Lab File: BF081901.D

Acq: 30 Sep 2015 7:00

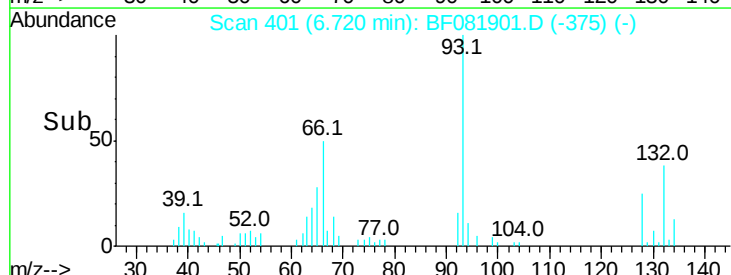
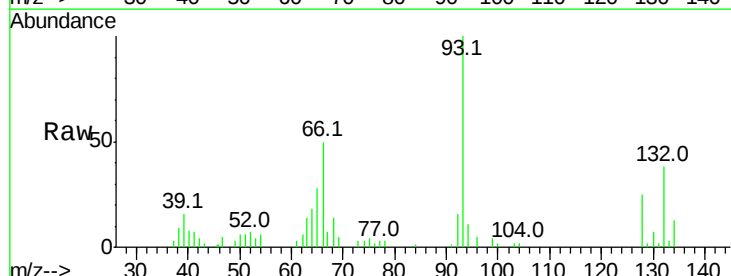
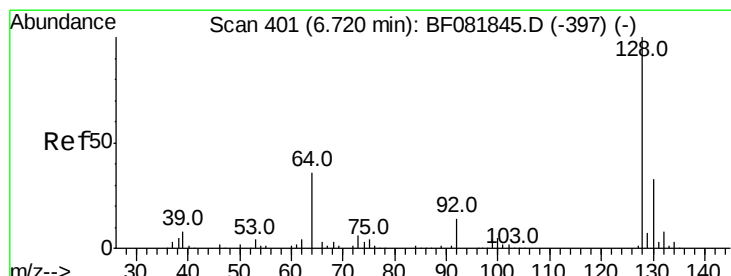
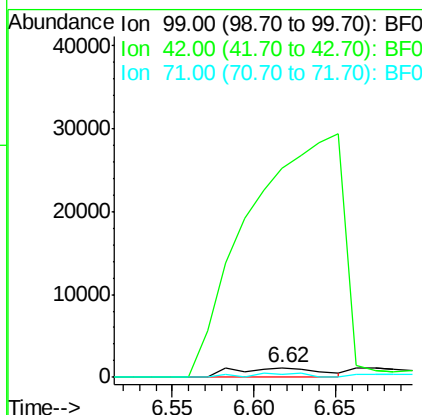
Tot Ion: 99 Resp: 4245

Ion	Ratio	Lower	Upper
99	100		
42	2118.4	13.7	20.5
71	36.1	14.2	21.2

Instrument :
BNA_F
ClientSampleId :
SYSDIS-092315DL

Manual Integrations
APPROVED

apatel
9/30/2015 9:09:45 AM



#8

2-Chlorophenol

Concen: 2.24 ng

RT: 6.72 min Scan# 401

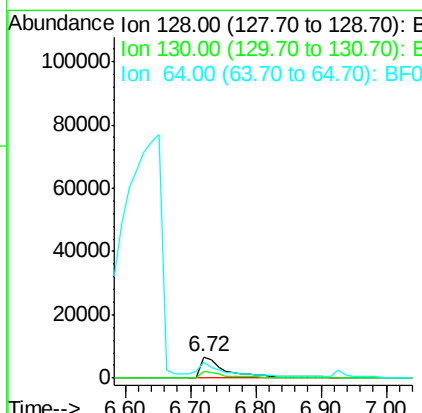
Delta R.T. 0.00 min

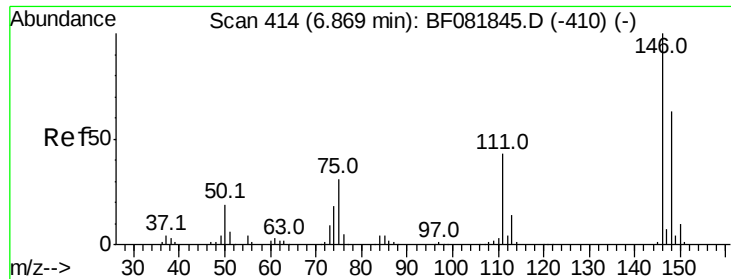
Lab File: BF081901.D

Acq: 30 Sep 2015 7:00

Tgt Ion: 128 Resp: 19459

Ion	Ratio	Lower	Upper
128	100		
130	29.5	12.2	52.2
64	71.7	20.5	60.5





#12

1,3-Dichlorobenzene

Concen: 2.44 ng

RT: 6.87 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF081901.D

Acq: 30 Sep 2015 7:00

Instrument :

BNA_F

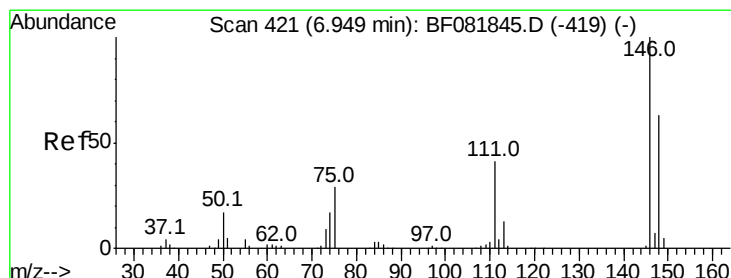
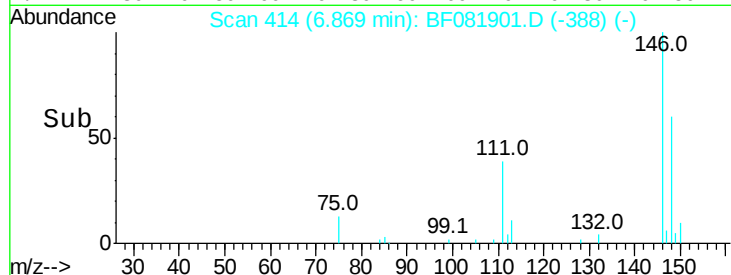
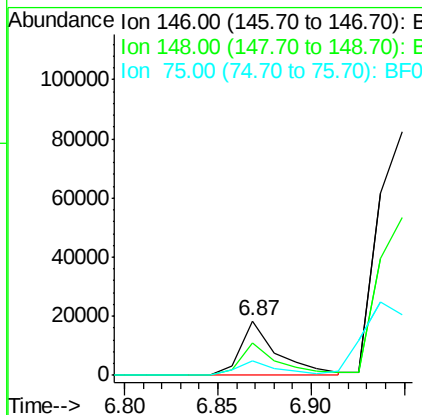
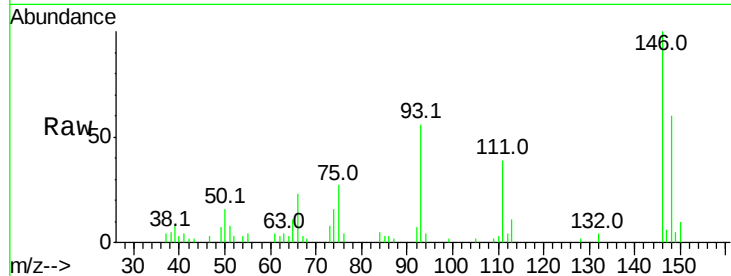
ClientSampleID :

SYSDIS-092315DL

Tot Ion:	146	Resp:	25130
Ion Ratio	Lower	Upper	
146	100		
148	60.1	51.0	76.4
75	27.2	15.0	22.6

Manual Integrations
APPROVED

apatel
9/30/2015 9:09:45 AM



#13

1,4-Dichlorobenzene

Concen: 12.45 ng

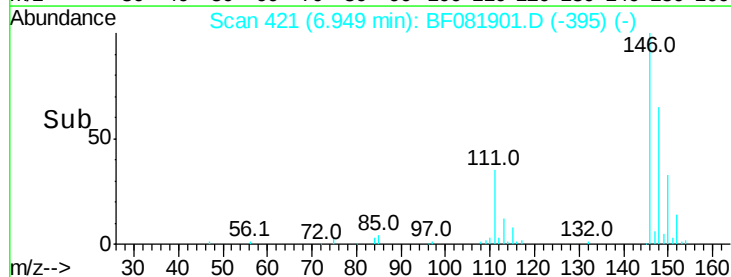
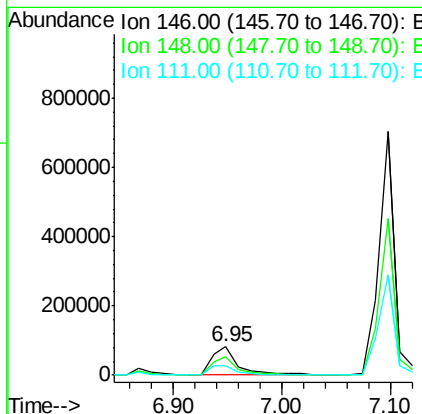
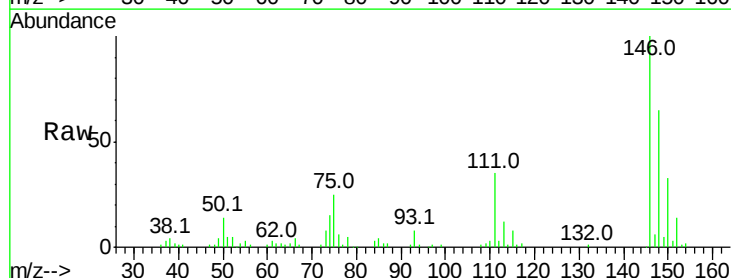
RT: 6.95 min Scan# 421

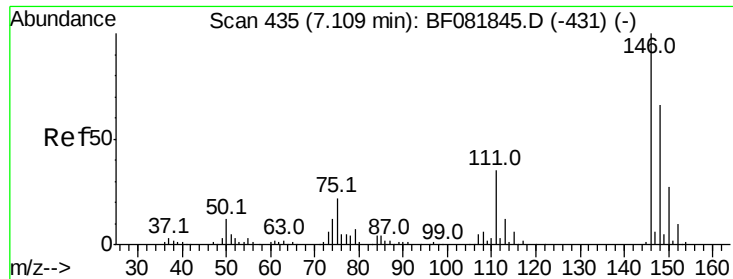
Delta R.T. 0.00 min

Lab File: BF081901.D

Acq: 30 Sep 2015 7:00

Tgt Ion:	146	Resp:	133693
Ion Ratio	Lower	Upper	
146	100		
148	64.9	51.8	77.6
111	35.1	24.9	37.3





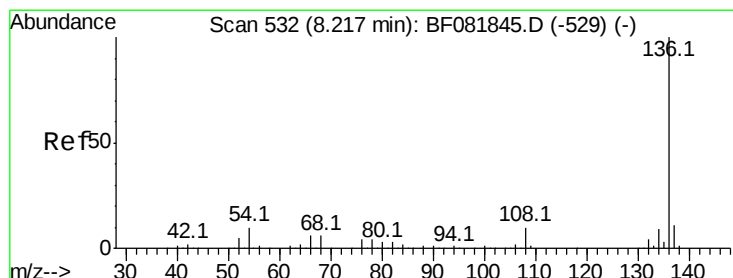
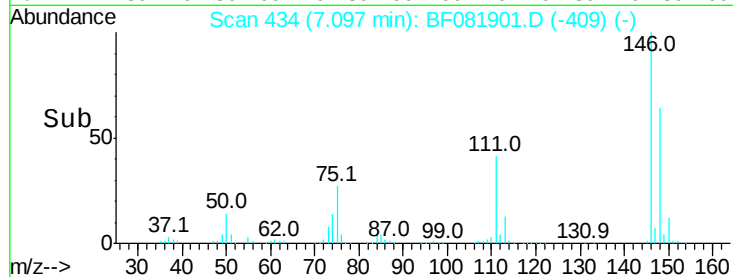
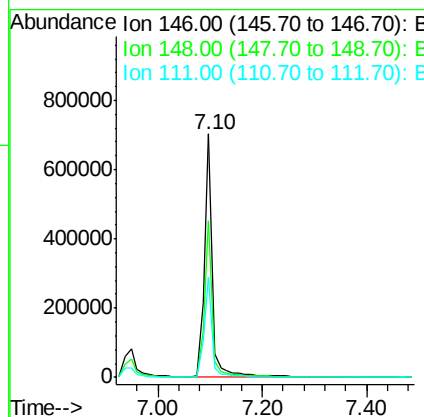
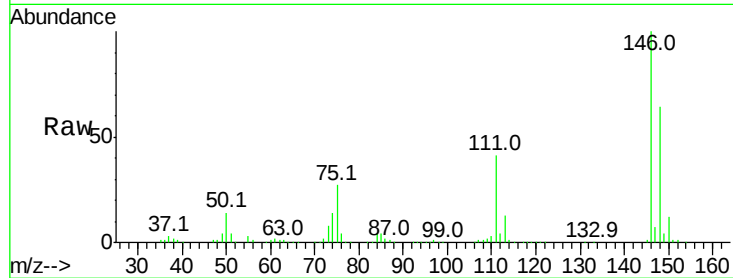
#14
 1,2-Dichlorobenzene
 Concen: 78.97 ng
 RT: 7.10 min Scan# 434
 Delta R.T. -0.01 min
 Lab File: BF081901.D
 Acq: 30 Sep 2015 7:00

Instrument :
 BNA_F
 ClientSampleId :
 SYSDIS-092315DL

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.7	79.1
111	40.9	28.8	43.2

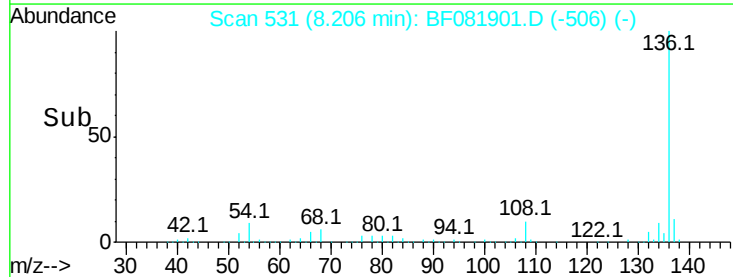
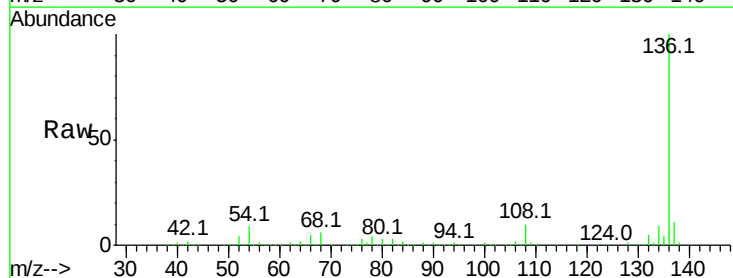
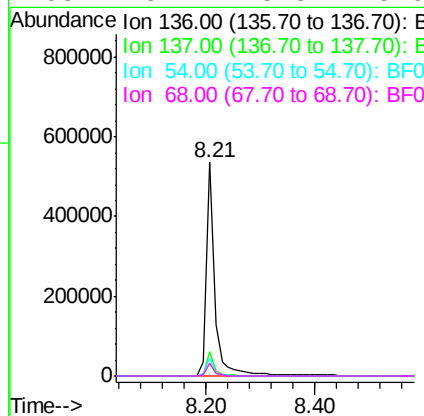
Manual Integrations
 APPROVED

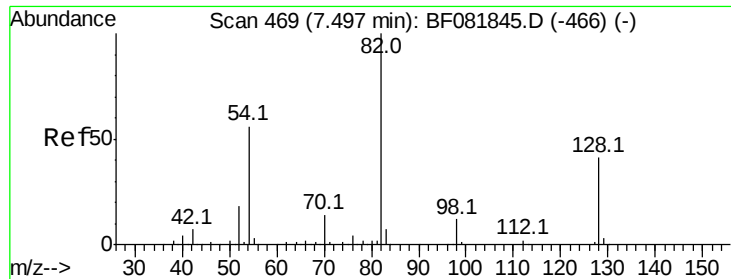
apatel
 9/30/2015 9:09:45 AM



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.21 min Scan# 531
 Delta R.T. -0.01 min
 Lab File: BF081901.D
 Acq: 30 Sep 2015 7:00

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	8.6	8.2	12.2
68	5.7	5.8	8.6#





#23

Nitrobenzene-d5

Concen: 10.86 ng

RT: 7.49 min Scan# 468

Delta R.T. -0.01 min

Lab File: BF081901.D

Acq: 30 Sep 2015 7:00

Instrument :

BNA_F

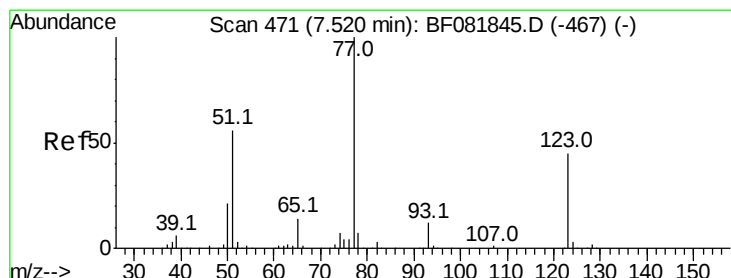
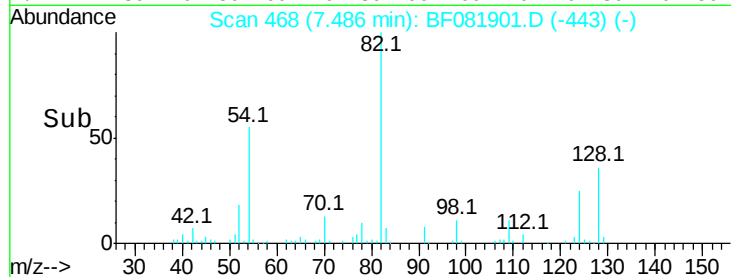
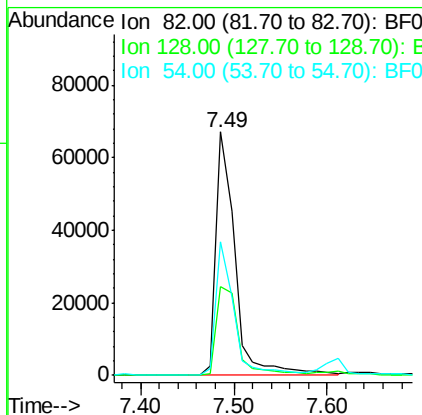
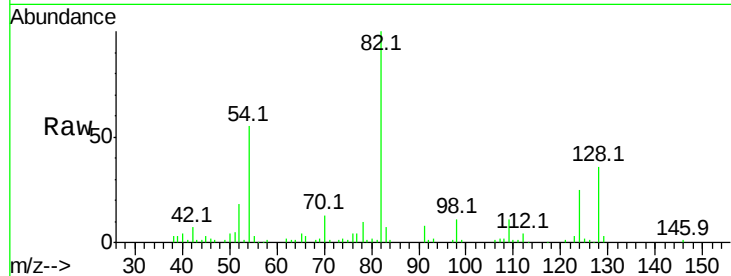
ClientSampleId :

SYSDIS-092315DL

Tot Ion:	82	Resp:	95111
Ion Ratio	Lower	Upper	
82	100		
128	36.5	51.0	76.6#
54	55.0	47.5	71.3

Manual Integrations
APPROVED

apatel
9/30/2015 9:09:45 AM



#24

Nitrobenzene

Concen: 64.31 ng

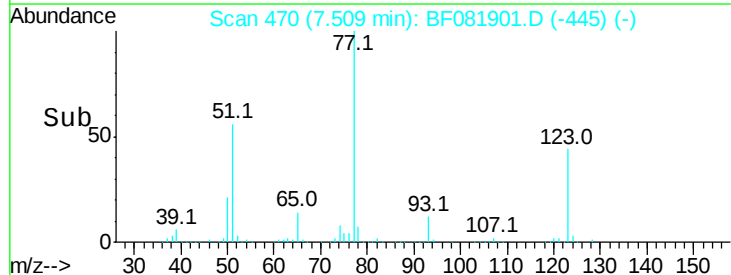
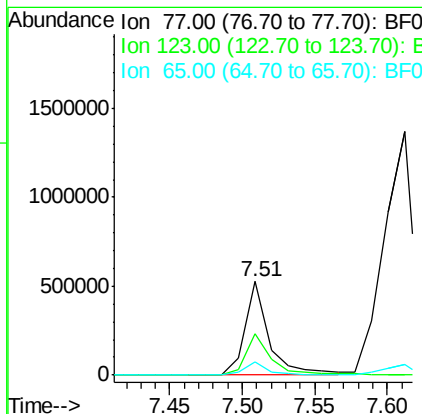
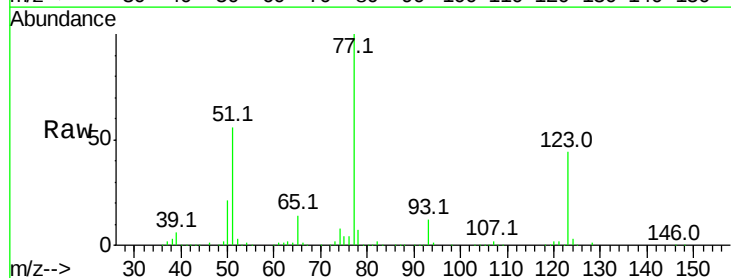
RT: 7.51 min Scan# 470

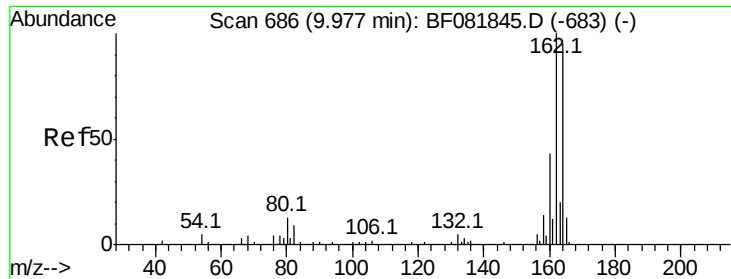
Delta R.T. -0.01 min

Lab File: BF081901.D

Acq: 30 Sep 2015 7:00

Tgt Ion:	77	Resp:	611407
Ion Ratio	Lower	Upper	
77	100		
123	44.4	59.8	89.8#
65	14.1	10.2	15.4





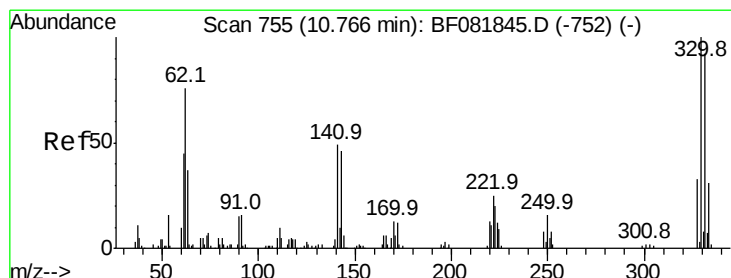
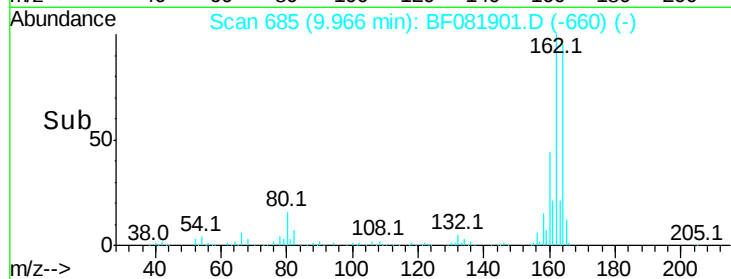
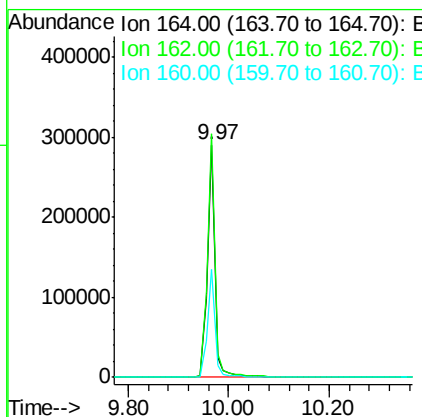
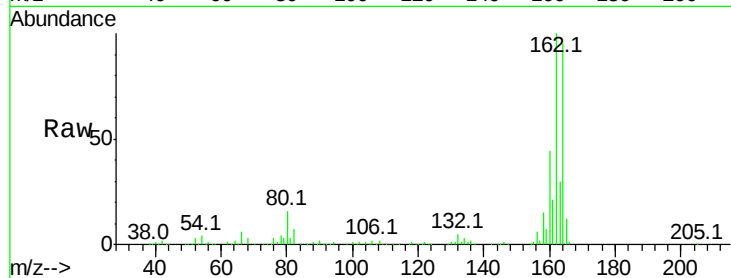
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.97 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF081901.D
Acq: 30 Sep 2015 7:00

Instrument :
BNA_F
ClientSampleId :
SYSDIS-092315DL

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.9	75.2	112.8	
160	46.5	31.5	47.3	

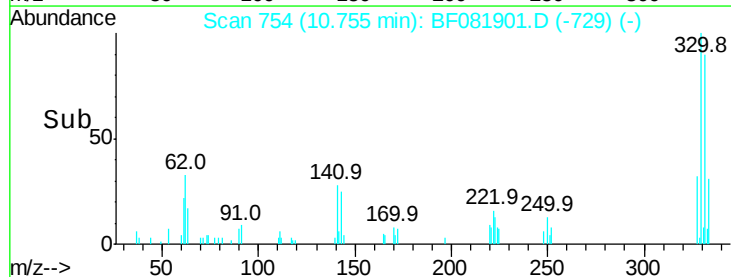
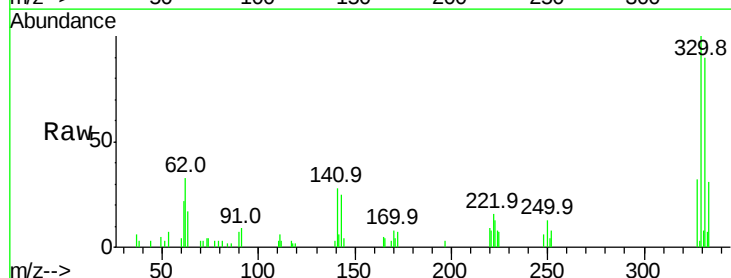
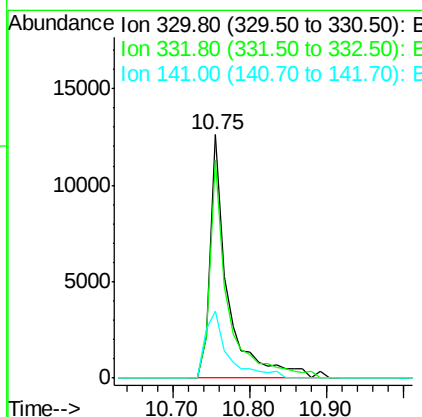
Manual Integrations
APPROVED

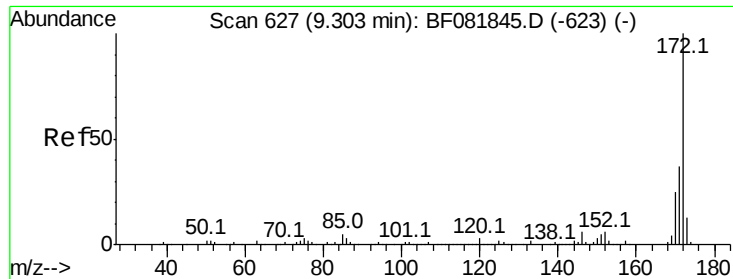
apatel
9/30/2015 9:09:45 AM



#41
2,4,6-Tribromophenol
Concen: 6.47 ng
RT: 10.75 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF081901.D
Acq: 30 Sep 2015 7:00

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	90.7	76.6	114.8	
141	34.5	29.7	44.5	





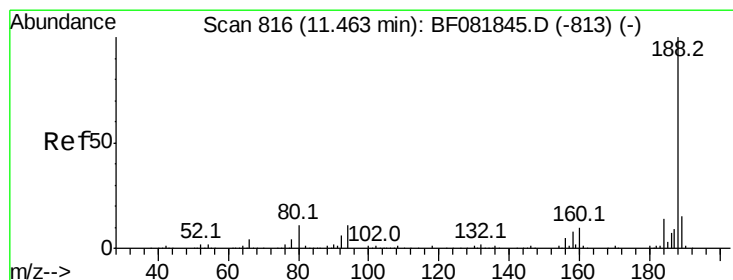
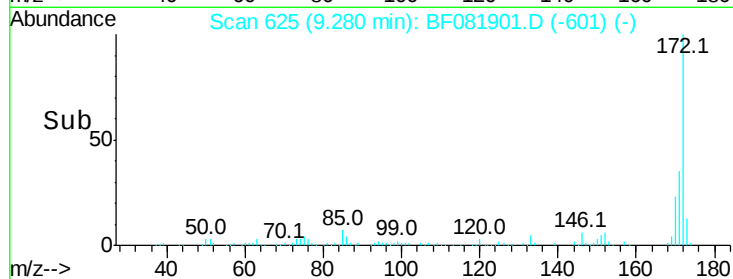
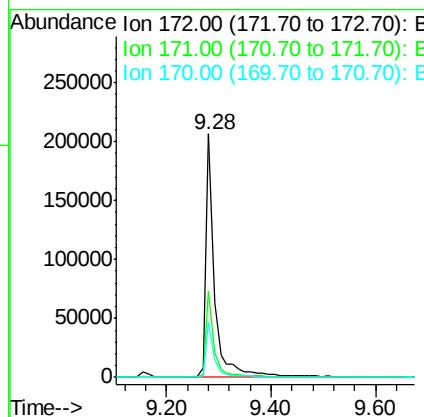
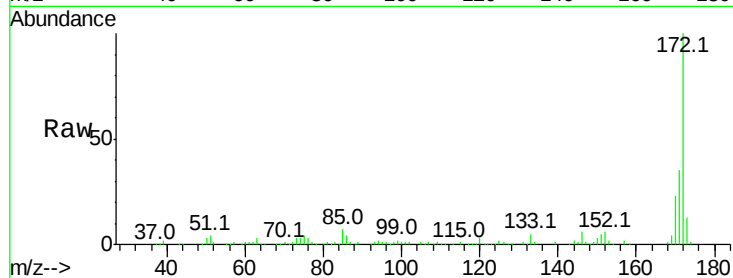
#44
 2-Fluorobiphenyl
 Concen: 10.65 ng
 RT: 9.28 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF081901.D
 Acq: 30 Sep 2015 7:00

Instrument :
 BNA_F
 ClientSampleId :
 SYSDIS-092315DL

Tot Ion	Ratio	Resp	Lower	Upper
172	100	246999		
171	35.2		26.1	39.1
170	22.9		17.4	26.2

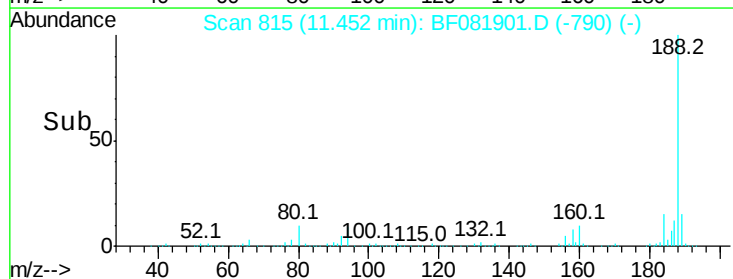
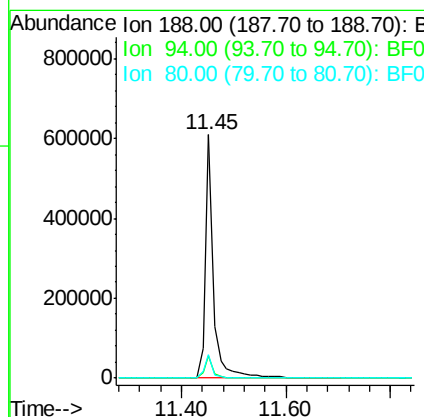
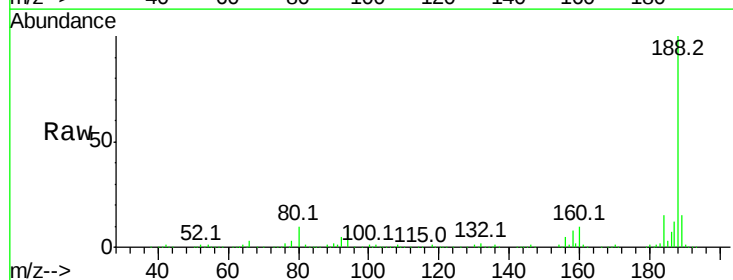
Manual Integrations
 APPROVED

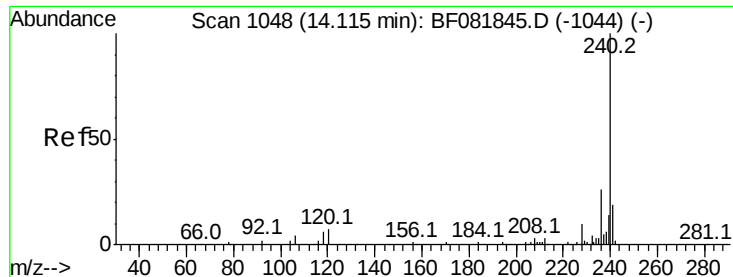
apatel
 9/30/2015 9:09:45 AM



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.45 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF081901.D
 Acq: 30 Sep 2015 7:00

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	662889		
94	8.9		11.1	16.7#
80	9.6		11.0	16.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.09 min Scan# 1046

Delta R.T. -0.02 min

Lab File: BF081901.D

Acq: 30 Sep 2015 7:00

Instrument :

BNA_F

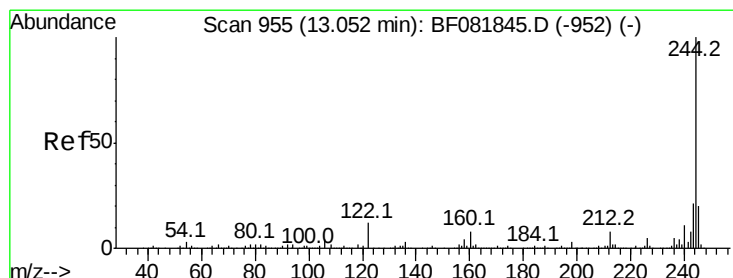
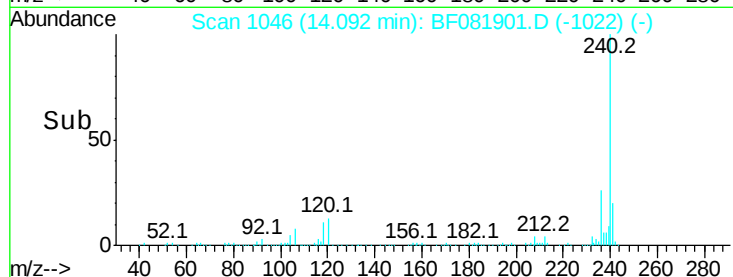
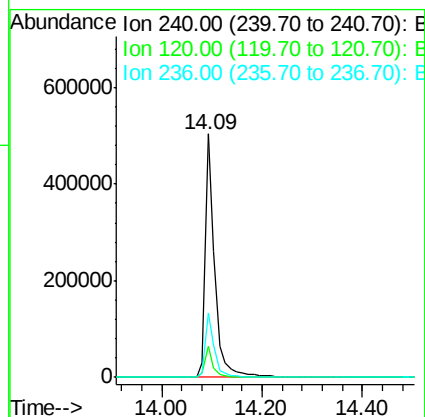
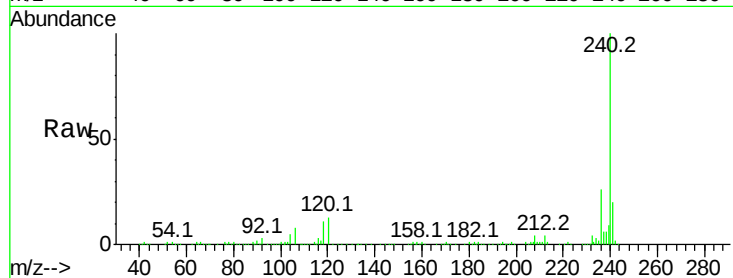
ClientSampleId :

SYSDIS-092315DL

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.7	16.2	24.2#
236	26.3	18.4	27.6

Manual Integrations
APPROVED

apatel
9/30/2015 9:09:45 AM



#78

Terphenyl-d14

Concen: 11.35 ng

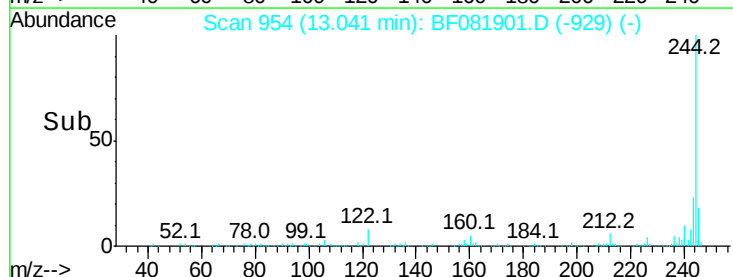
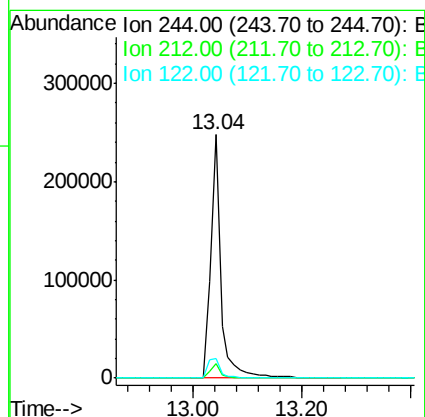
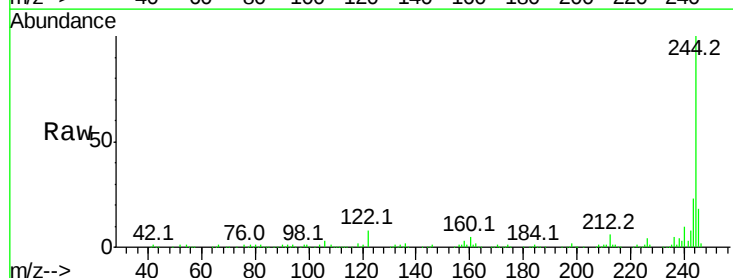
RT: 13.04 min Scan# 954

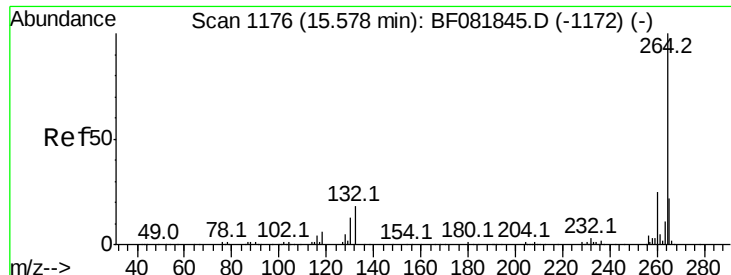
Delta R.T. -0.01 min

Lab File: BF081901.D

Acq: 30 Sep 2015 7:00

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.0	4.3	6.5
122	7.9	17.4	26.2#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.57 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF081901.D
 Acq: 30 Sep 2015 7:00

Instrument :
 BNA_F
 ClientSampleId :
 SYSDIS-092315DL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	16.7	25.1
265	21.9	17.2	25.8

Manual Integrations
 APPROVED

apatel
 9/30/2015 9:09:45 AM

