

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072017\
 Data File : BF096912.D
 Acq On : 20 Jul 2017 18:16
 Operator : SJ/JU
 Sample : I4246-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-2-3-COMP

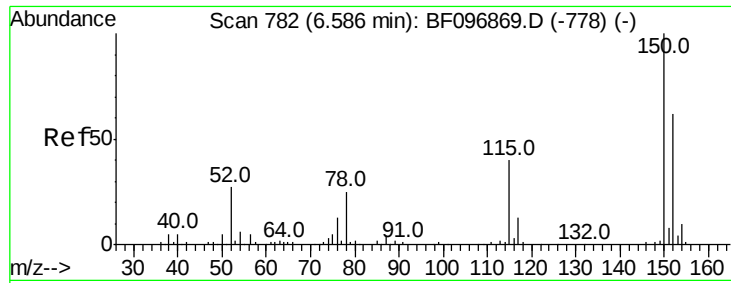
Manual Integrations
 APPROVED

Sohil
 7/21/2017 4:20:12 PM

Quant Time: Jul 21 14:49:00 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 13:33:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	90409	20.00	ng	-0.03
21) Naphthalene-d8	7.85	136	367875	20.00	ng	-0.04
38) Acenaphthene-d10	9.60	164	155451	20.00	ng	-0.03
63) Phenanthrene-d10	11.08	188	244438	20.00	ng	-0.02
75) Chrysene-d12	13.70	240	170322	20.00	ng	-0.03
86) Perylene-d12	15.07	264	169110	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	494686	82.27	ng	-0.01
7) Phenol-d6	6.25	99	424872	58.88	ng	0.00
23) Nitrobenzene-d5	7.14	82	495815	83.48	ng	-0.03
41) 2,4,6-Tribromophenol	10.40	330	169629	127.84	ng	-0.02
44) 2-Fluorobiphenyl	8.94	172	845258	85.91	ng	-0.02
78) Terphenyl-d14	12.67	244	573941	58.44	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.12	77	12264	2.941	ng	Qvalue # 81
22) Acetophenone	6.98	105	105158	12.790	ng	94
27) 2,4-Dimethylphenol	7.57	122	23230m	4.134	ng	
59) Diethylphthalate	10.03	149	63967	5.614	ng	97

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



#1

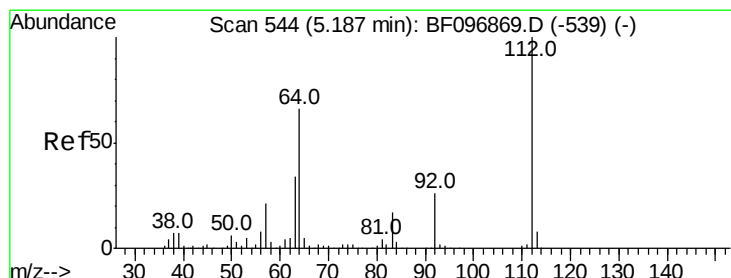
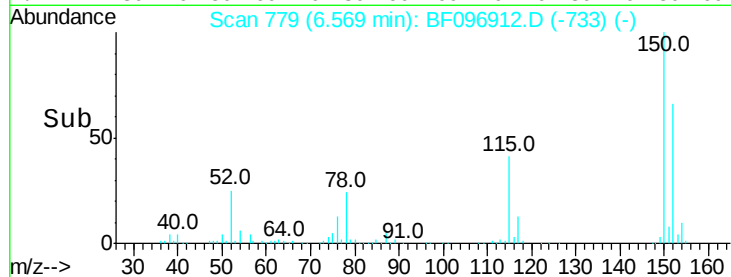
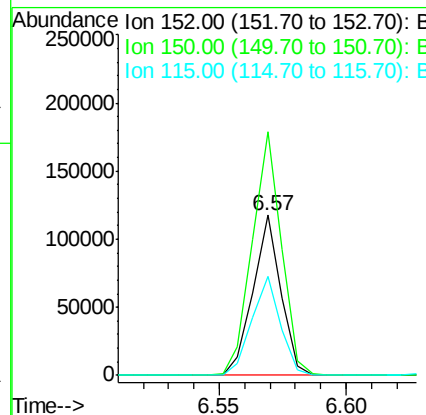
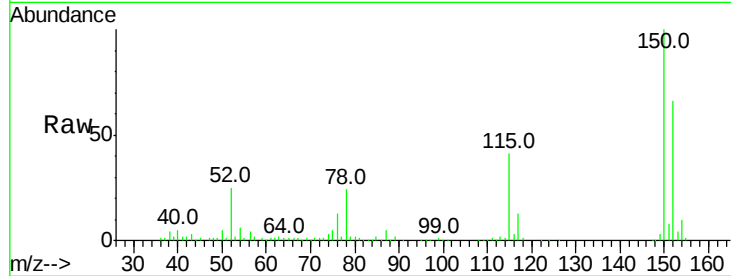
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.57 min Scan# 779
Delta R.T. -0.03 min
Lab File: BF096912.D
Acq: 20 Jul 2017 18:16

Instrument :
BNA_F
ClientSampleId :
DRUM-1-2-3-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.2	126.2	189.2
115	62.2	52.2	78.2

Manual Integrations
APPROVED

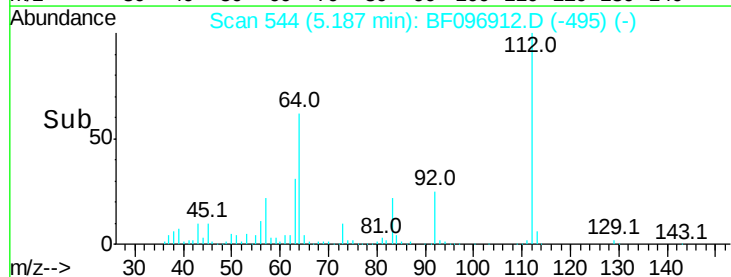
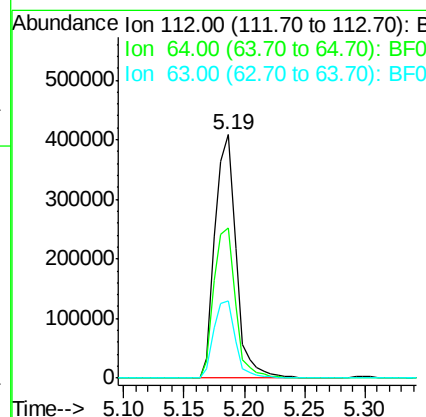
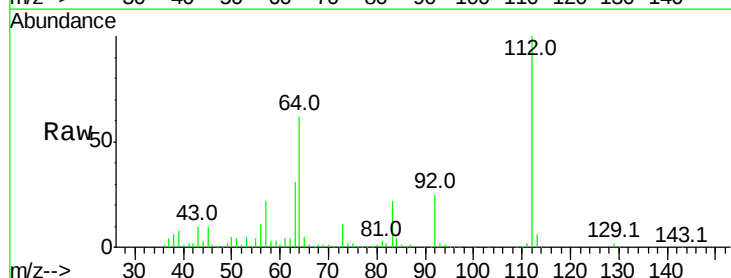
Sohil
7/21/2017 4:20:12 PM

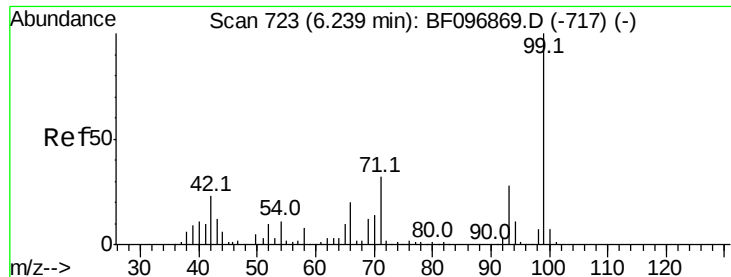


#5

2-Fluorophenol
Concen: 82.271 ng
RT: 5.19 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF096912.D
Acq: 20 Jul 2017 18:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.5	46.0	69.0
63	31.5	23.4	35.0





#7

Phenol-d6

Concen: 58.882 ng

RT: 6.25 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF096912.D

Acq: 20 Jul 2017 18:16

Instrument :

BNA_F

ClientSampleId :

DRUM-1-2-3-COMP

Tot Ion: 99 Resp: 424872

Ion Ratio Lower Upper

99 100

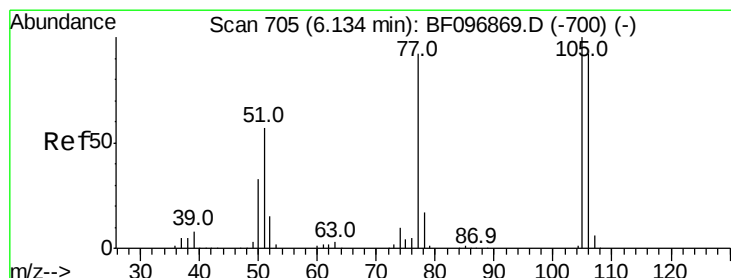
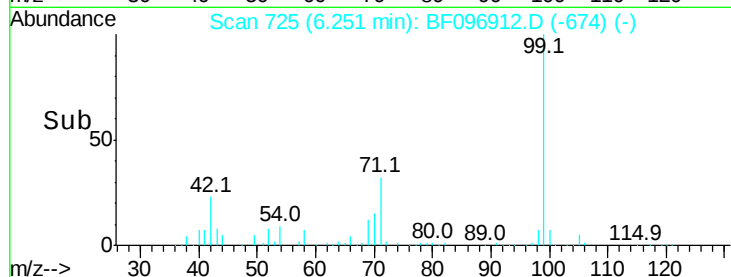
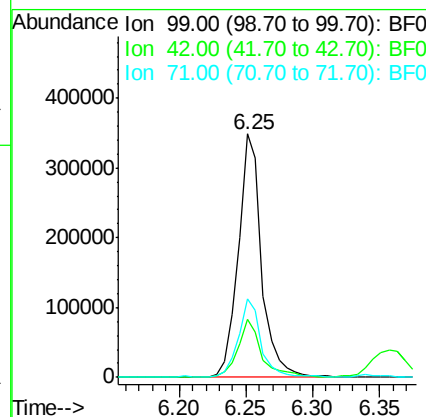
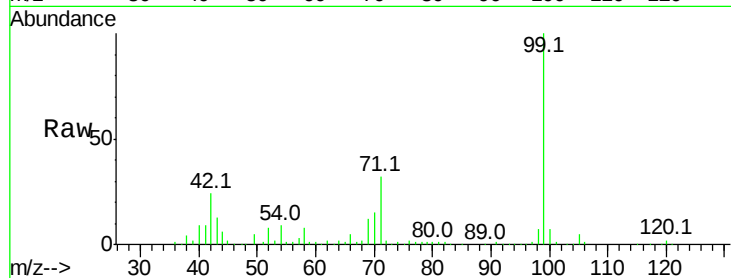
42 23.8 13.5 20.3#

71 32.4 24.5 36.7

Manual Integrations
APPROVED

Sohil

7/21/2017 4:20:12 PM



#9

Benzaldehyde

Concen: 2.941 ng

RT: 6.12 min Scan# 702

Delta R.T. -0.03 min

Lab File: BF096912.D

Acq: 20 Jul 2017 18:16

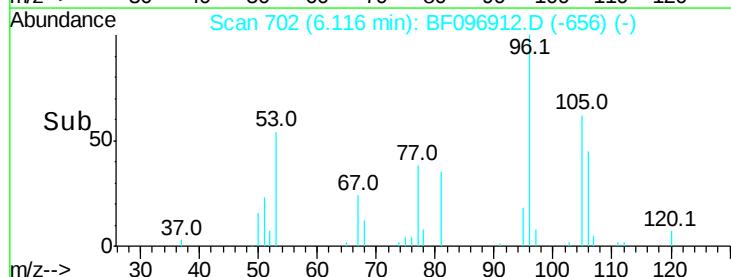
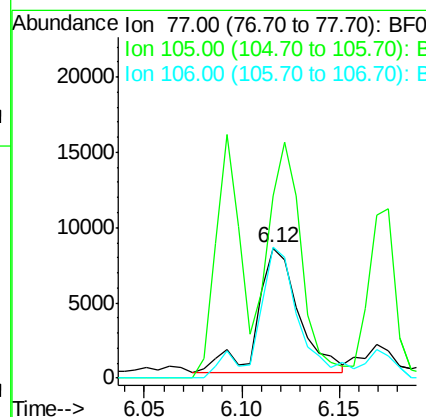
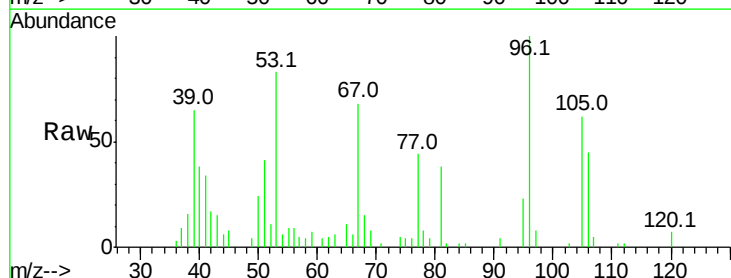
Tgt Ion: 77 Resp: 12264

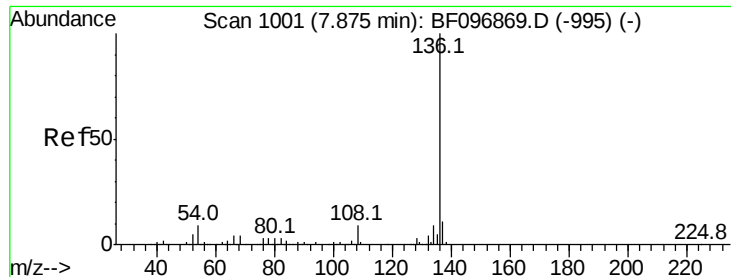
Ion Ratio Lower Upper

77 100

105 140.1 83.8 123.8#

106 100.8 79.1 119.1





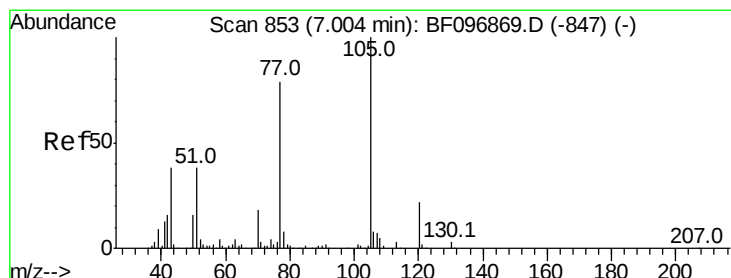
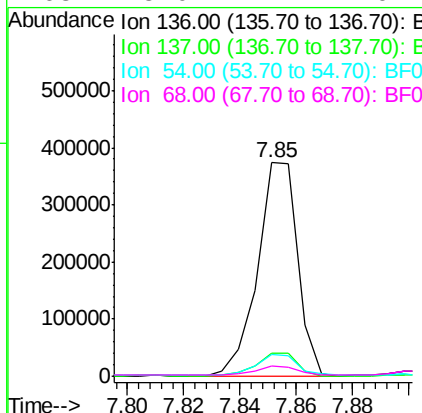
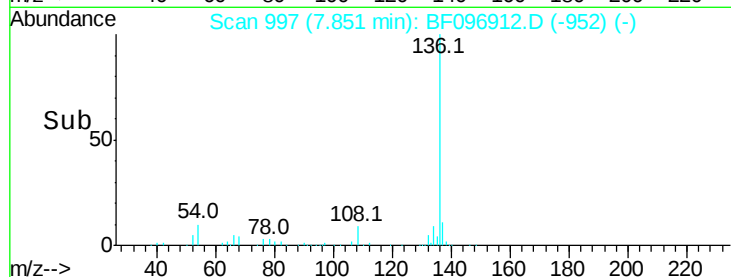
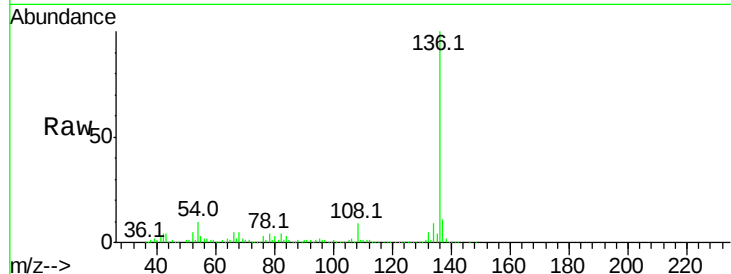
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.85 min Scan# 997
Delta R.T. -0.04 min
Lab File: BF096912.D
Acq: 20 Jul 2017 18:16

Instrument :
BNA_F
ClientSampleId :
DRUM-1-2-3-COMP

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.0	8.5	12.7
54	10.3	4.9	7.3#
68	5.0	4.1	6.1

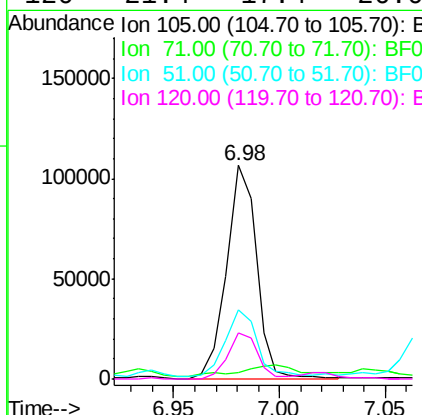
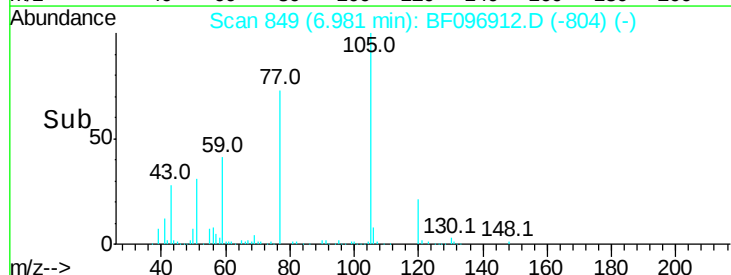
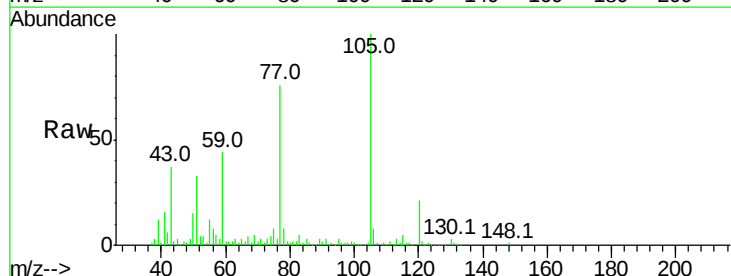
Manual Integrations
APPROVED

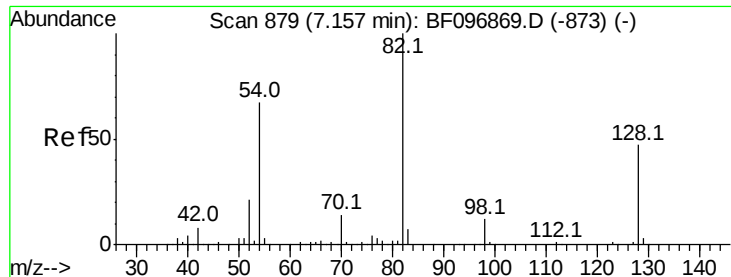
Sohil
7/21/2017 4:20:12 PM



#22
Acetophenone
Concen: 12.790 ng
RT: 6.98 min Scan# 849
Delta R.T. -0.04 min
Lab File: BF096912.D
Acq: 20 Jul 2017 18:16

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	3.0	2.8	4.2
51	32.7	30.7	46.1
120	21.4	17.4	26.0





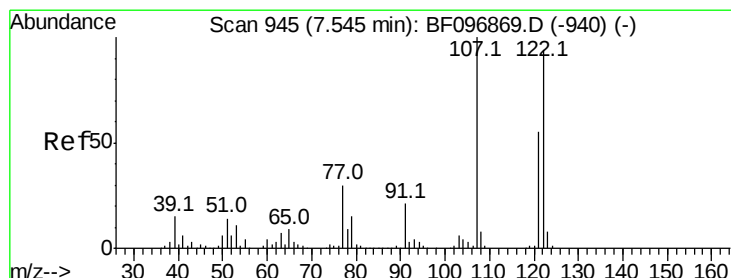
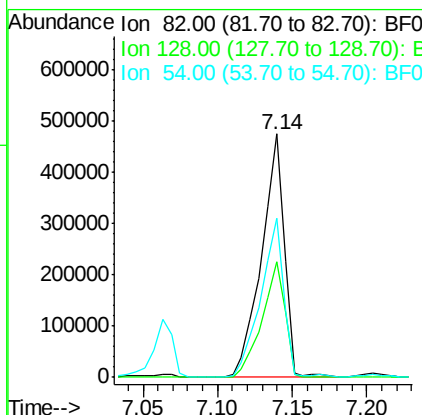
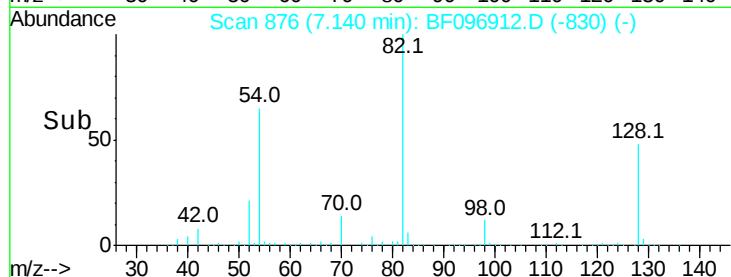
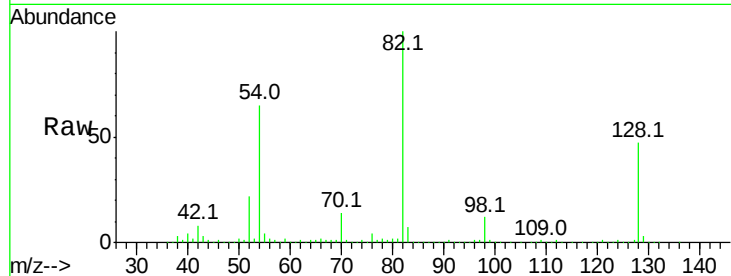
#23
 Nitrobenzene-d5
 Concen: 83.483 ng
 RT: 7.14 min Scan# 876
 Delta R.T. -0.03 min
 Lab File: BF096912.D
 Acq: 20 Jul 2017 18:16

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-2-3-COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.5	34.0	51.0
54	65.5	42.2	63.2

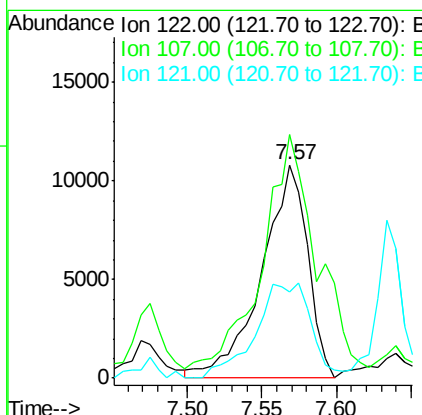
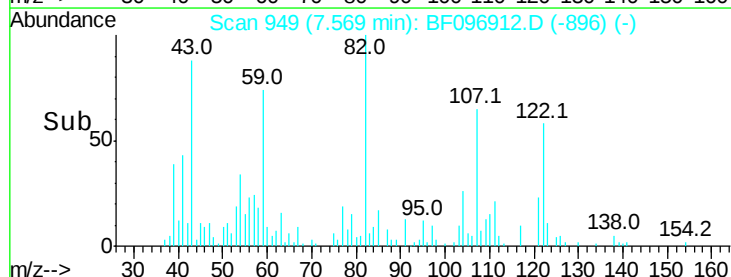
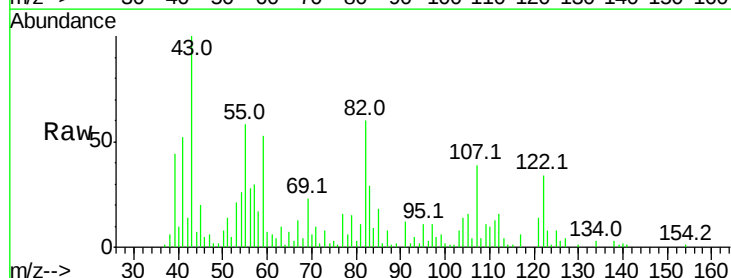
Manual Integrations
 APPROVED

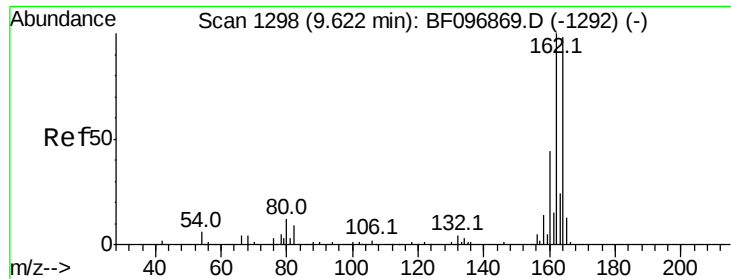
Sohil
 7/21/2017 4:20:12 PM



#27
 2,4-Dimethylphenol
 Concen: 4.134 ng m
 RT: 7.57 min Scan# 949
 Delta R.T. 0.01 min
 Lab File: BF096912.D
 Acq: 20 Jul 2017 18:16

Tgt Ion	Ratio	Lower	Upper
122	100		
107	114.1	89.2	133.8
121	40.4	45.2	67.8





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.60 min Scan# 1295

Delta R.T. -0.03 min

Lab File: BF096912.D

Acq: 20 Jul 2017 18:16

Instrument :

BNA_F

ClientSampleId :

DRUM-1-2-3-COMP

Tot Ion:164 Resp: 155451

Ion Ratio Lower Upper

164 100

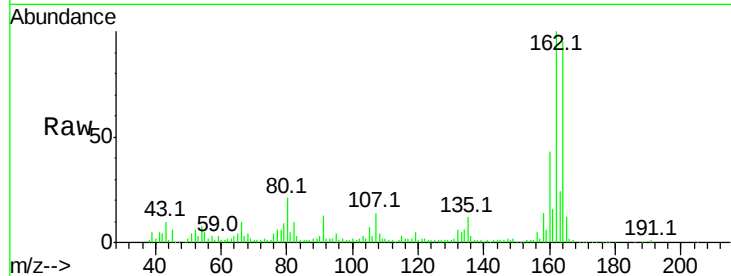
162 105.2 82.6 123.8

160 45.2 36.2 54.2

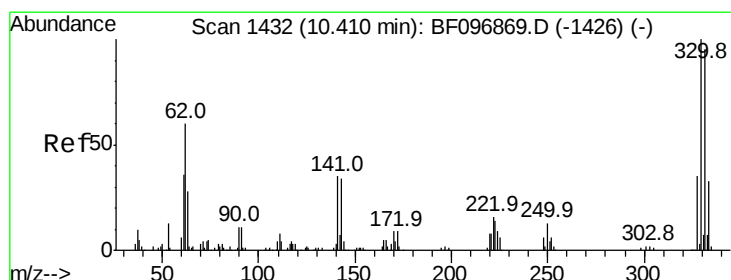
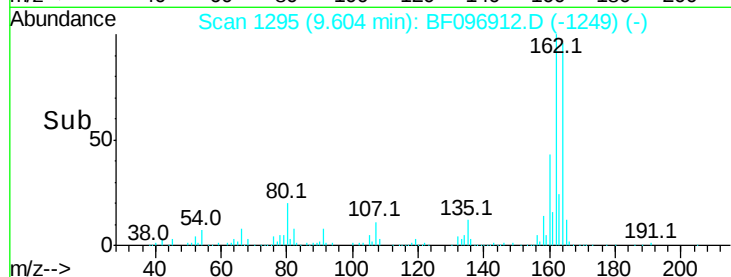
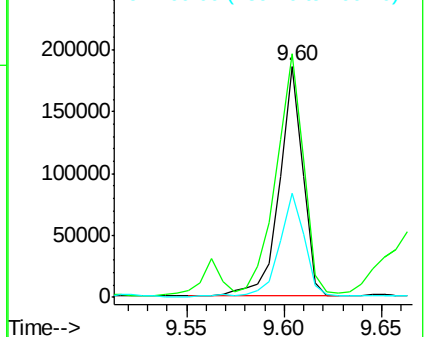
Manual Integrations
APPROVED

Sohil

7/21/2017 4:20:12 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: 127.838 ng

RT: 10.40 min Scan# 1431

Delta R.T. -0.02 min

Lab File: BF096912.D

Acq: 20 Jul 2017 18:16

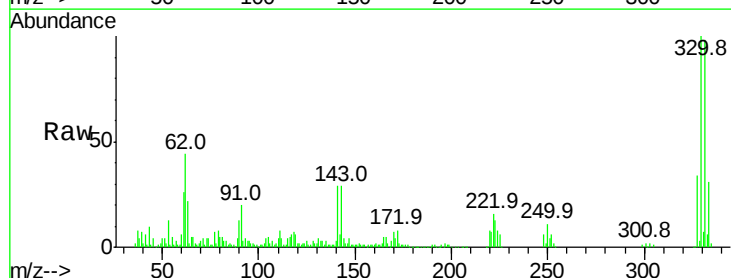
Tgt Ion:330 Resp: 169629

Ion Ratio Lower Upper

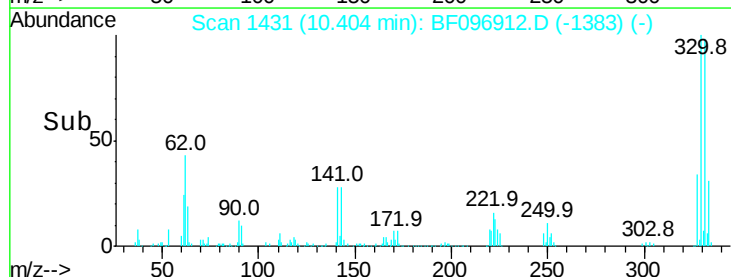
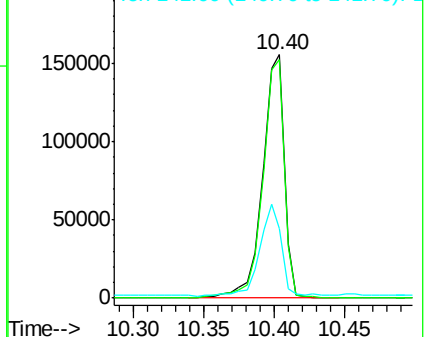
330 100

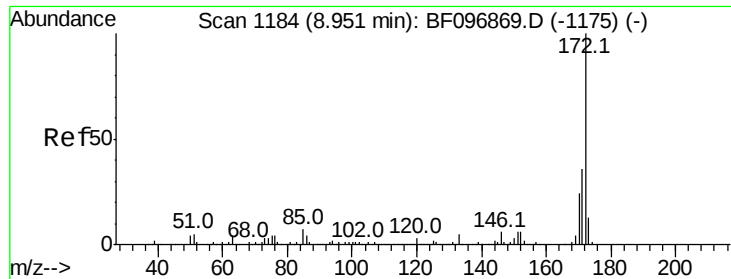
332 97.6 76.6 115.0

141 37.7 31.4 47.2



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: 85.908 ng

RT: 8.94 min Scan# 1182

Delta R.T. -0.02 min

Lab File: BF096912.D

Acq: 20 Jul 2017 18:16

Instrument :

BNA_F

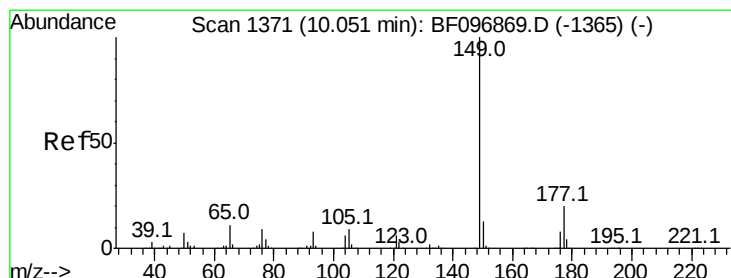
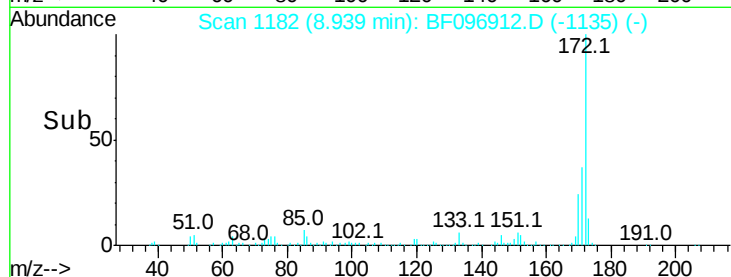
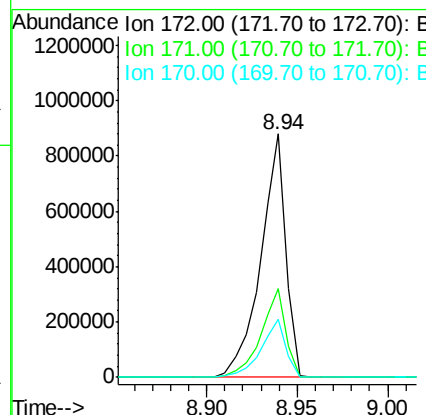
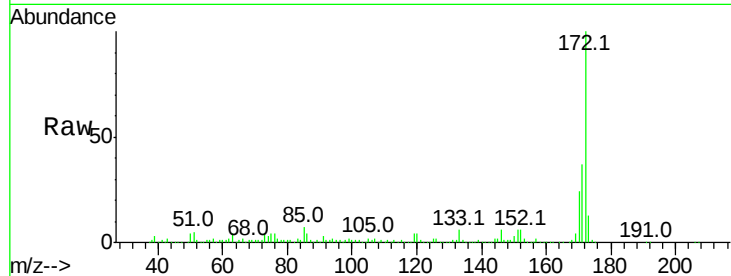
ClientSampleId :

DRUM-1-2-3-COMP

Tot Ion:	172	Resp:	845258
Ion Ratio	Lower	Upper	
172	100		
171	36.6	29.6	44.4
170	23.7	19.8	29.8

Manual Integrations
APPROVED

Sohil
7/21/2017 4:20:12 PM



#59

Diethylphthalate

Concen: 5.614 ng

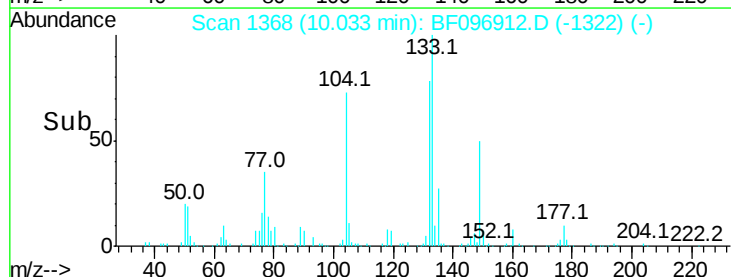
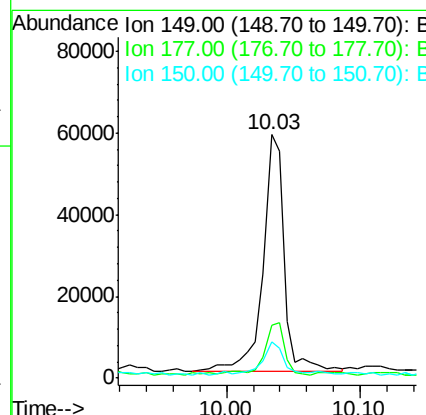
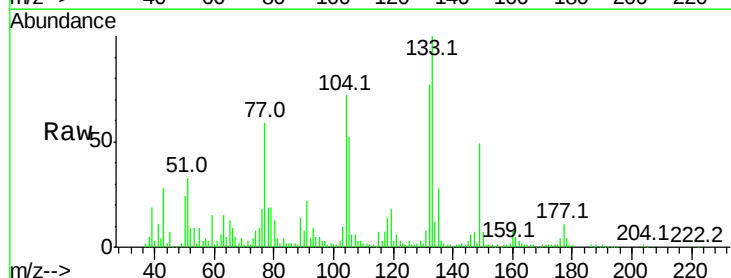
RT: 10.03 min Scan# 1368

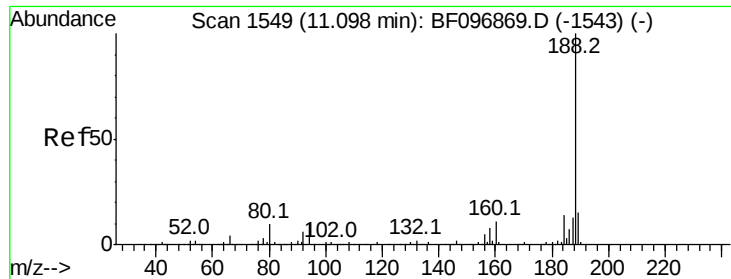
Delta R.T. -0.03 min

Lab File: BF096912.D

Acq: 20 Jul 2017 18:16

Tgt Ion:	149	Resp:	63967
Ion Ratio	Lower	Upper	
149	100		
177	21.5	16.7	25.1
150	14.9	10.2	15.2





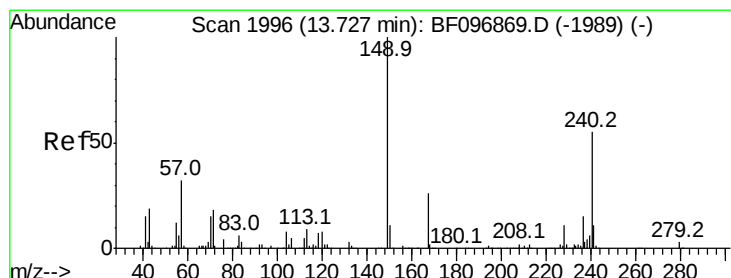
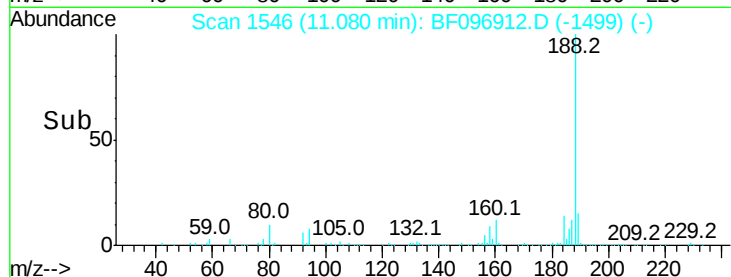
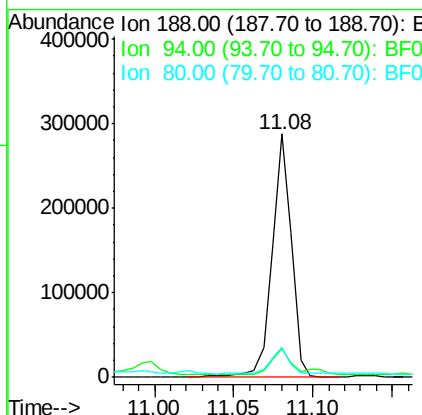
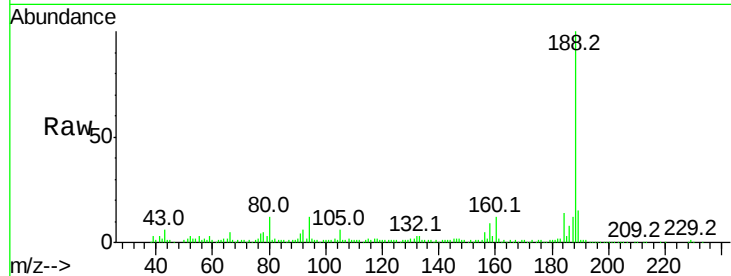
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.08 min Scan# 1546
Delta R.T. -0.02 min
Lab File: BF096912.D
Acq: 20 Jul 2017 18:16

Instrument :
BNA_F
ClientSampleId :
DRUM-1-2-3-COMP

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	11.6	9.4	14.2
80	12.0	10.2	15.2

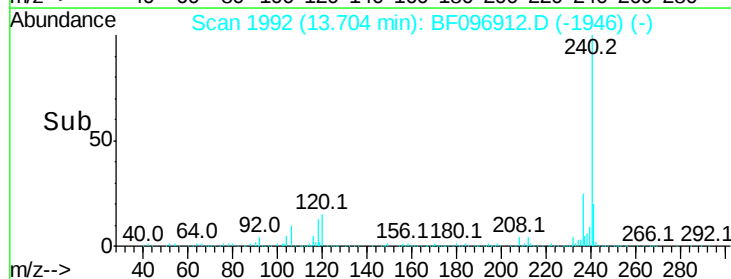
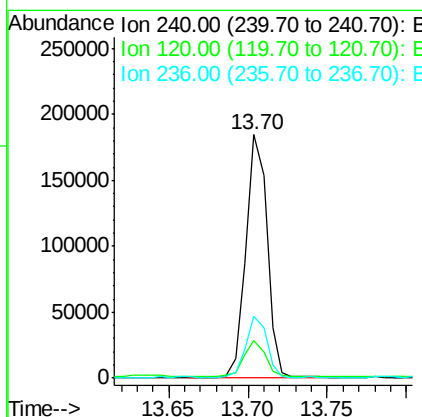
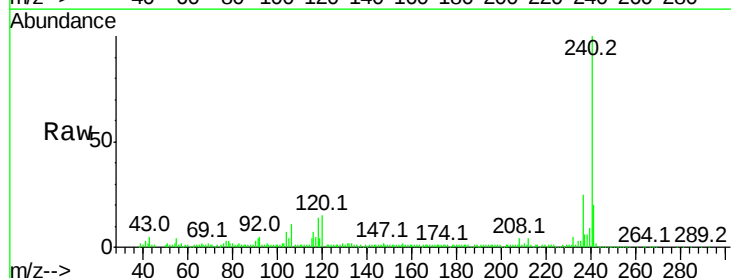
Manual Integrations
APPROVED

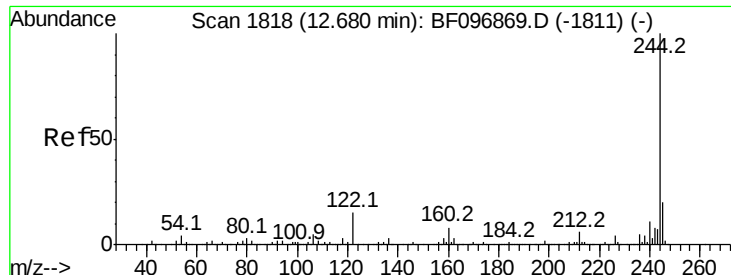
Sohil
7/21/2017 4:20:12 PM



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.70 min Scan# 1992
Delta R.T. -0.03 min
Lab File: BF096912.D
Acq: 20 Jul 2017 18:16

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	15.5	5.8	8.8#
236	25.3	20.5	30.7





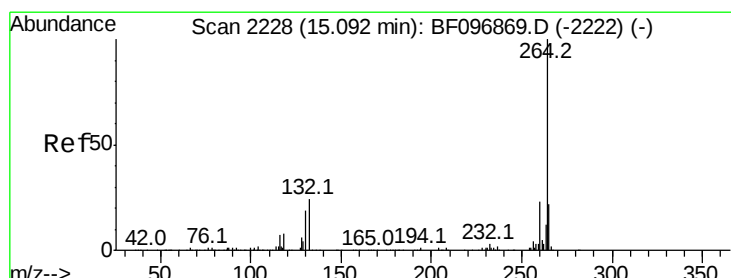
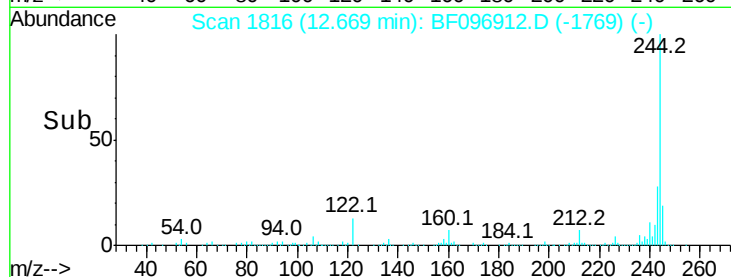
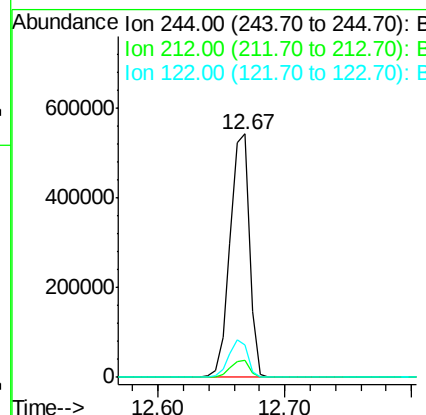
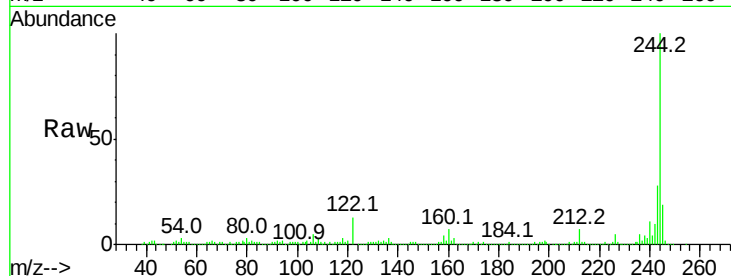
#78
 Terphenyl-d14
 Concen: 58.440 ng
 RT: 12.67 min Scan# 1816
 Delta R.T. -0.02 min
 Lab File: BF096912.D
 Acq: 20 Jul 2017 18:16

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-2-3-COMP

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	13.4	10.3	15.5

Manual Integrations
 APPROVED

Sohil
 7/21/2017 4:20:12 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.07 min Scan# 2225
 Delta R.T. -0.03 min
 Lab File: BF096912.D
 Acq: 20 Jul 2017 18:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	20.4	17.2	25.8

