

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
 Data File : BF086969.D
 Acq On : 13 May 2016 12:01
 Operator : UM/SJ
 Sample : H2916-03
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-CSPH3-3K

Manual Integrations
 APPROVED

sohil
 5/13/2016 8:06:09 PM

Quant Time: May 13 14:54:27 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	139331m	20.00	ng	-0.08
21) Naphthalene-d8	7.91	136	544141	20.00	ng	-0.08
38) Acenaphthene-d10	9.66	164	216400	20.00	ng	-0.08
63) Phenanthrene-d10	11.13	188	320111	20.00	ng	-0.08
75) Chrysene-d12	13.76	240	311128	20.00	ng	-0.08
86) Perylene-d12	15.12	264	247186	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1023225	124.37	ng	-0.07
7) Phenol-d6	6.28	99	1232904	112.13	ng	-0.08
23) Nitrobenzene-d5	7.20	82	923554	85.22	ng	-0.07
41) 2,4,6-Tribromophenol	10.44	330	192415	83.99	ng	-0.08
44) 2-Fluorobiphenyl	8.99	172	1303498	101.24	ng	-0.07
78) Terphenyl-d14	12.72	244	896685	61.15	ng	-0.08
Target Compounds						
49) Dimethylphthalate	9.39	163	155352	9.41	ng	Qvalue 98

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

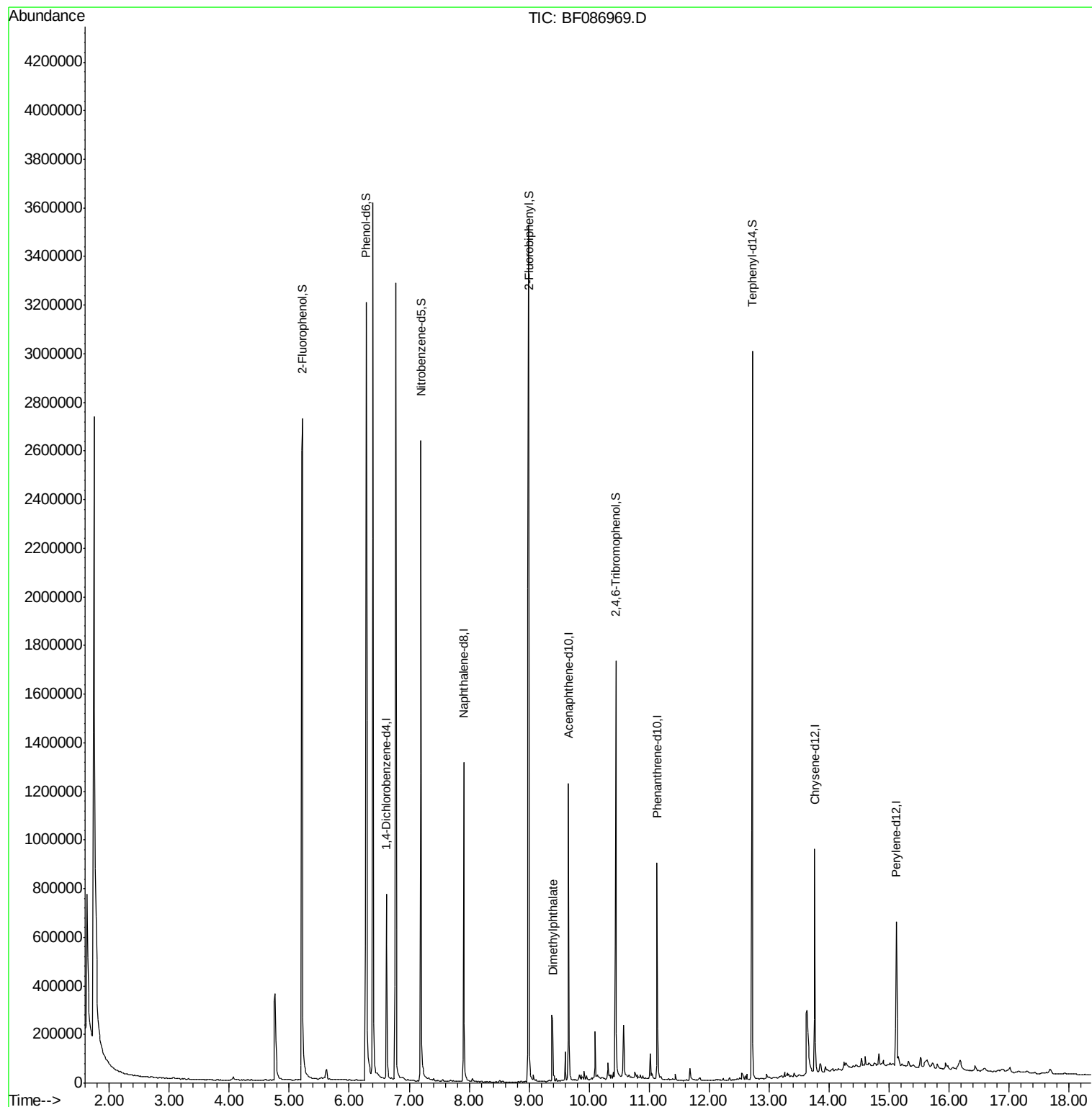
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086969.D
Acq On : 13 May 2016 12:01
Operator : UM/SJ
Sample : H2916-03
Misc :
ALS Vial : 43 Sample Multiplier: 1

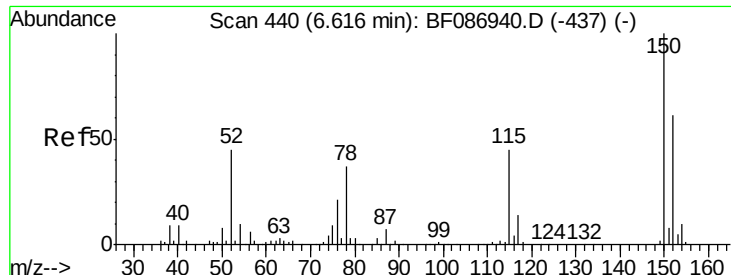
Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-CSPH3-3K

Manual Integrations
APPROVED

sohil
5/13/2016 8:06:09 PM

Quant Time: May 13 14:54:27 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 09 16:04:56 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng m

RT: 6.62 min Scan# 440

Delta R.T. -0.08 min

Lab File: BF086969.D

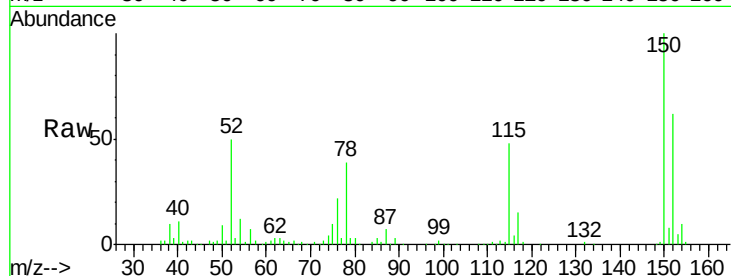
Acq: 13 May 2016 12:01

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-CSPH3-3K



Tgt Ion:152 Resp: 139331

Ion Ratio Lower Upper

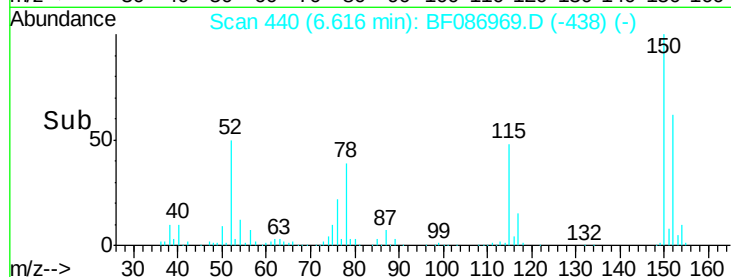
152 100

150 161.7 125.8 188.6

115 77.5 51.5 77.3#

Manual Integrations
APPROVED

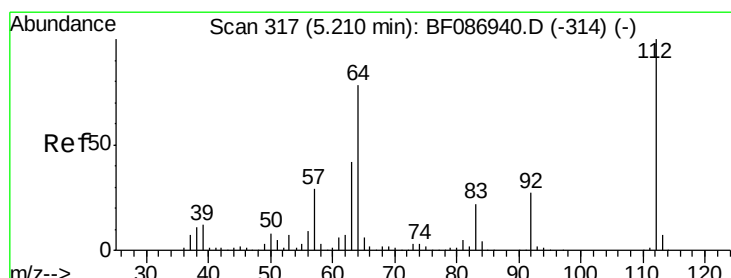
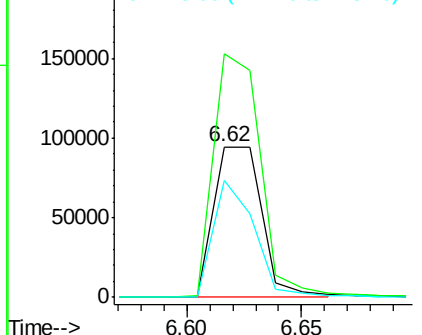
sohil
5/13/2016 8:06:09 PM



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: 124.37 ng

RT: 5.22 min Scan# 318

Delta R.T. -0.07 min

Lab File: BF086969.D

Acq: 13 May 2016 12:01

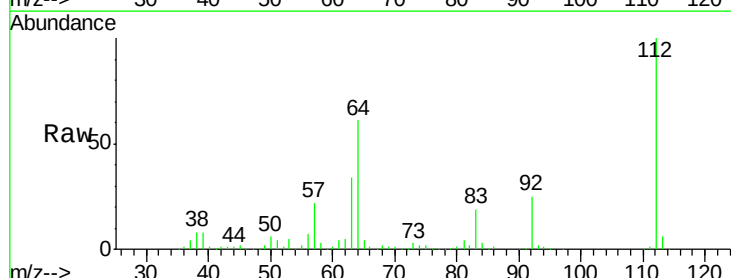
Tgt Ion:112 Resp: 1023225

Ion Ratio Lower Upper

112 100

64 61.4 52.1 78.1

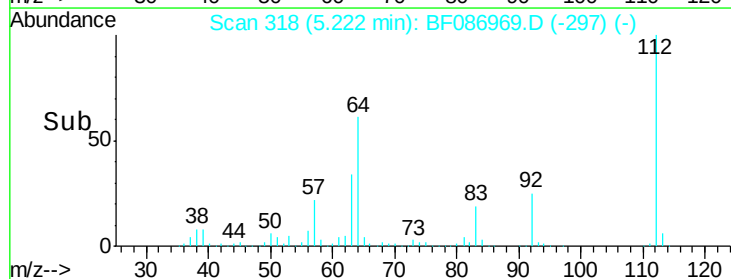
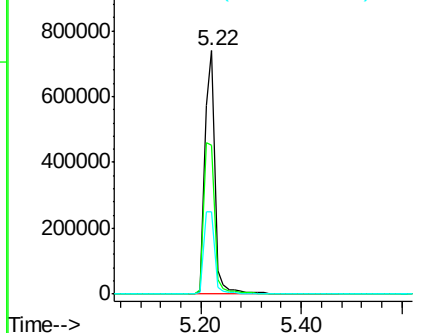
63 33.6 25.7 38.5

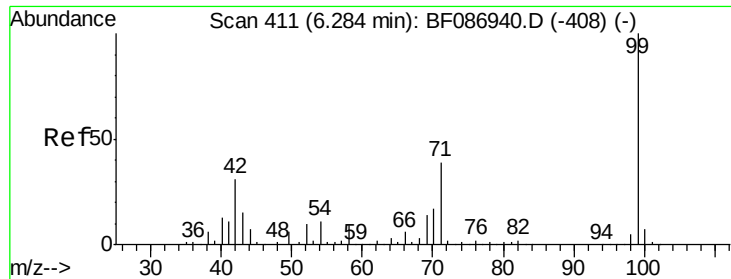


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 112.13 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.08 min

Lab File: BF086969.D

Acq: 13 May 2016 12:01

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-CSPH3-3K

Tgt Ion: 99 Resp: 1232904

Ion Ratio Lower Upper

99 100

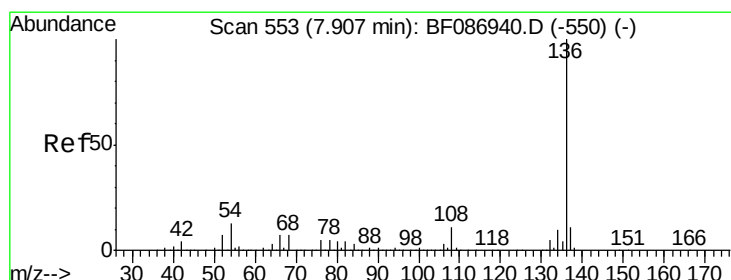
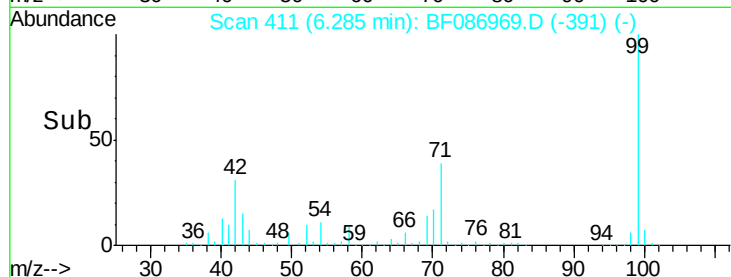
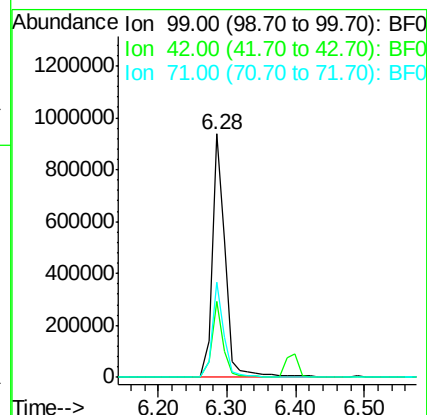
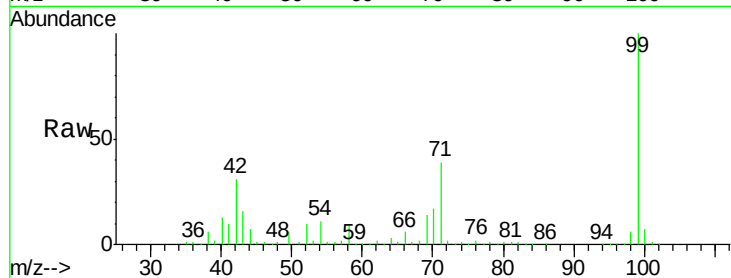
42 31.4 13.6 20.4#

71 39.3 24.6 36.8#

Manual Integrations
APPROVED

sohil

5/13/2016 8:06:09 PM



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 553

Delta R.T. -0.08 min

Lab File: BF086969.D

Acq: 13 May 2016 12:01

Tgt Ion: 136 Resp: 544141

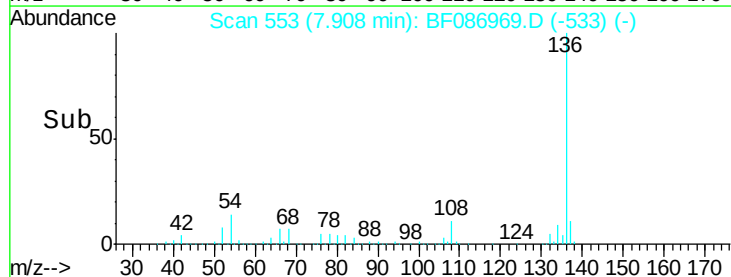
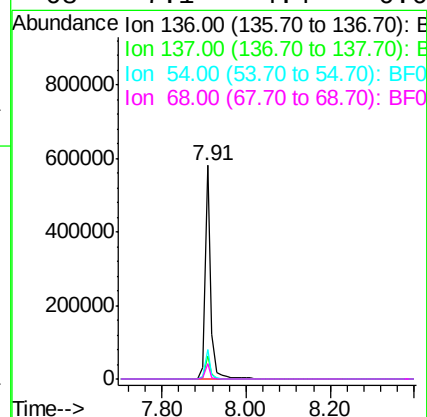
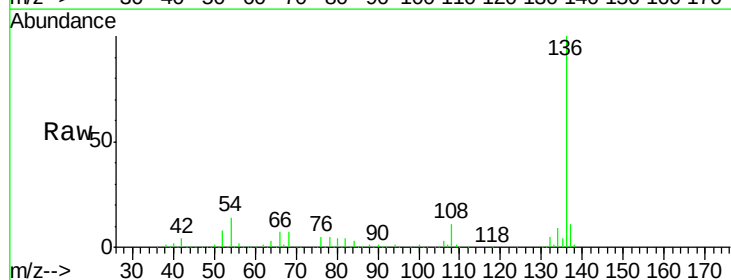
Ion Ratio Lower Upper

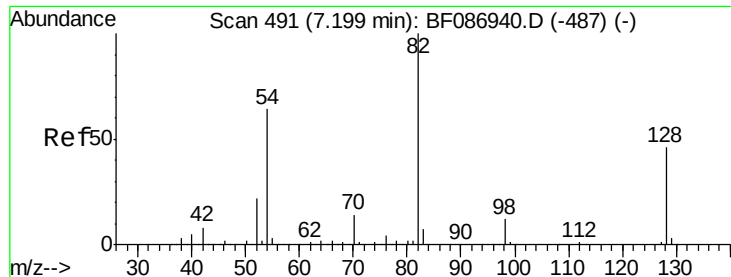
136 100

137 11.1 8.8 13.2

54 13.7 5.0 7.4#

68 7.1 4.4 6.6#





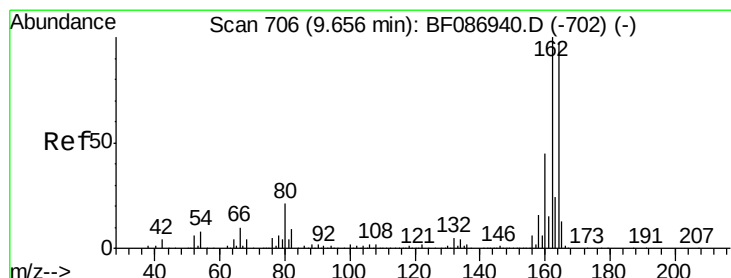
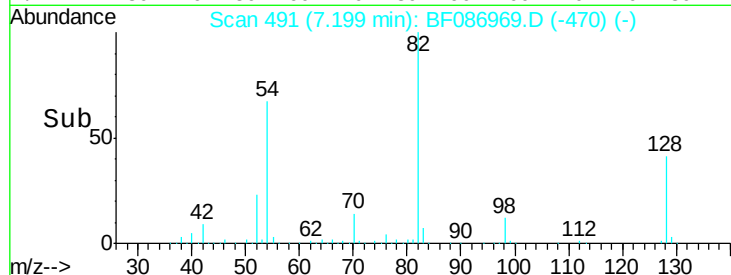
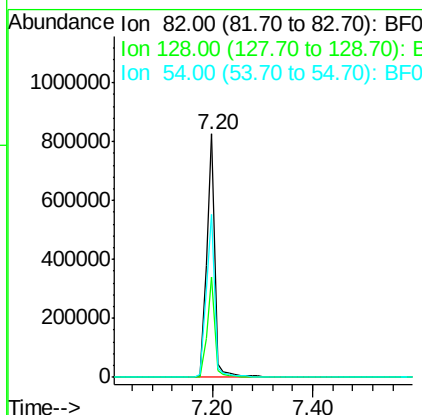
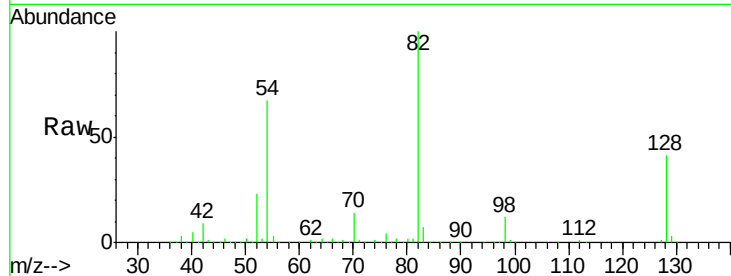
#23
 Nitrobenzene-d5
 Concen: 85.22 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.07 min
 Lab File: BF086969.D
 Acq: 13 May 2016 12:01

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-CSPH3-3K

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	923554		
128	41.3	40.6	61.0	
54	67.0	38.1	57.1	

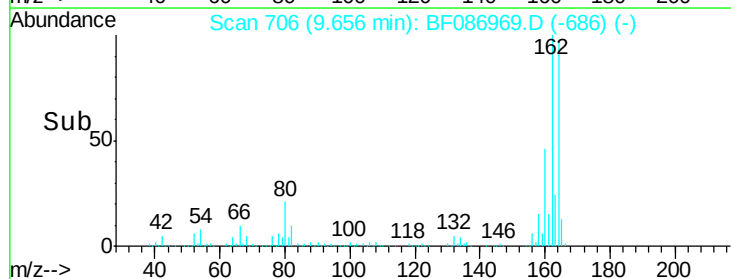
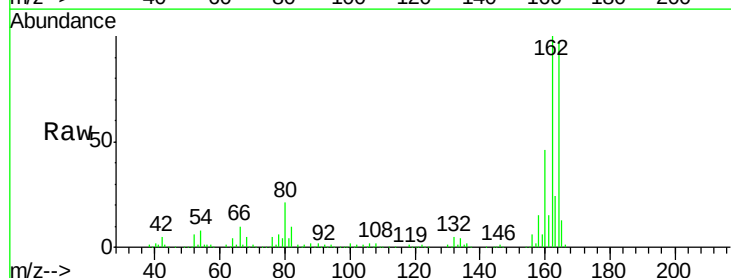
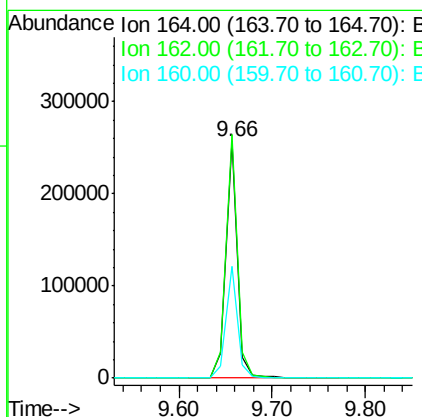
Manual Integrations
 APPROVED

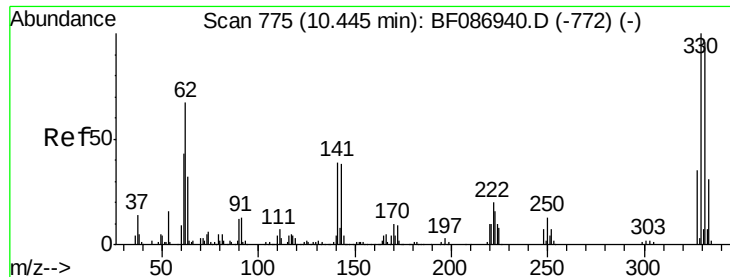
sohil
 5/13/2016 8:06:09 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 706
 Delta R.T. -0.08 min
 Lab File: BF086969.D
 Acq: 13 May 2016 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	216400		
162	102.7	82.8	124.2	
160	47.1	36.9	55.3	





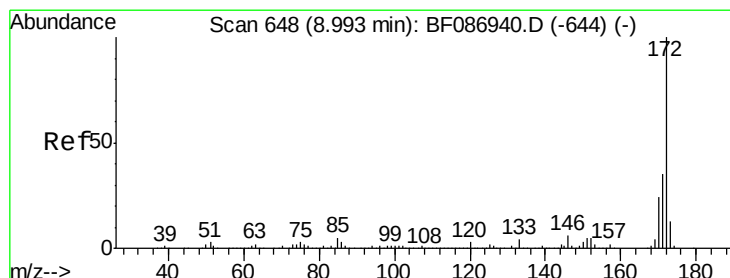
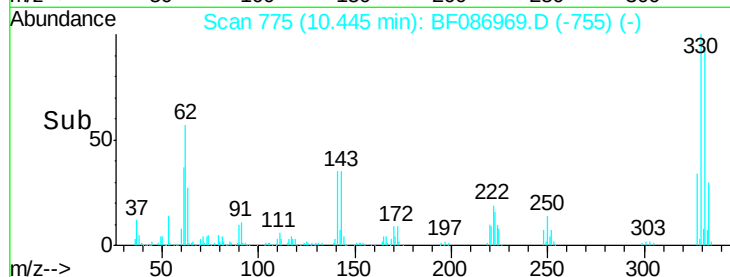
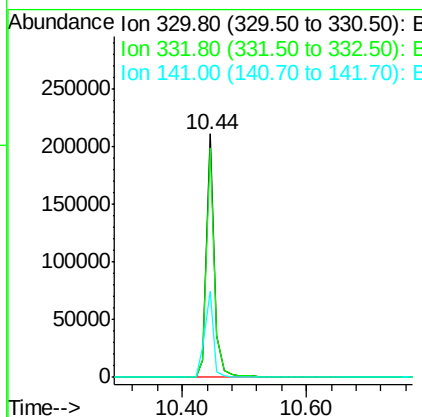
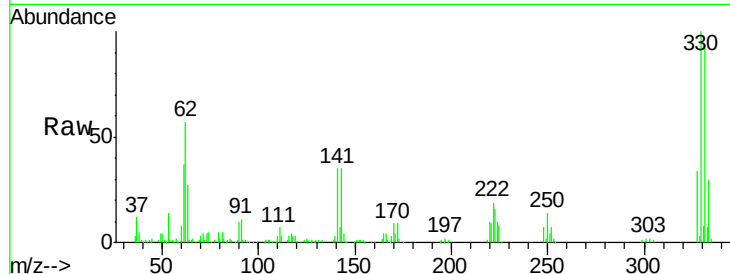
#41
 2,4,6-Tribromophenol
 Concen: 83.99 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.08 min
 Lab File: BF086969.D
 Acq: 13 May 2016 12:01

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-CSPH3-3K

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	192415		
332	95.3	79.0	118.4	
141	39.6	31.2	46.8	

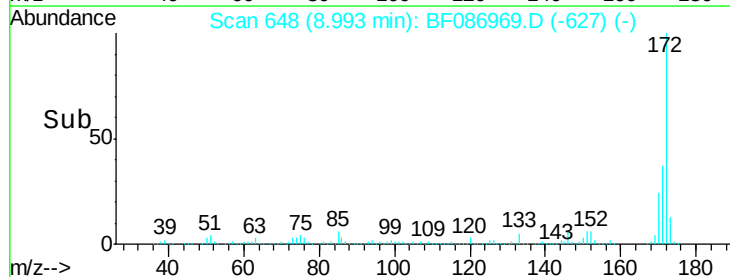
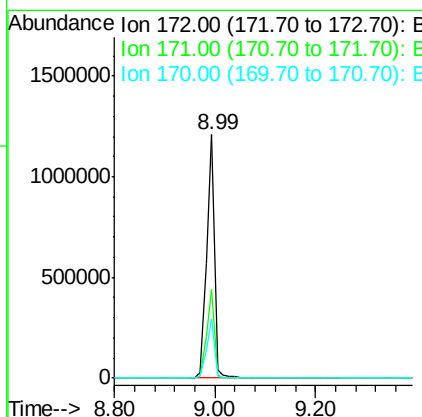
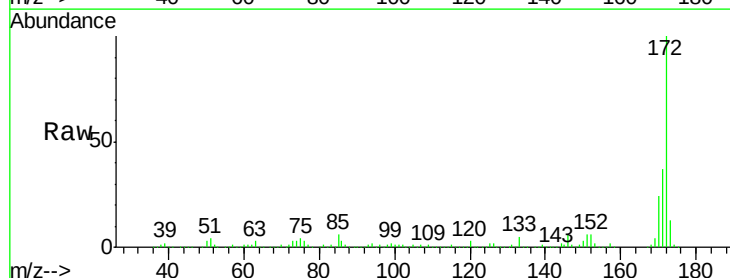
Manual Integrations
 APPROVED

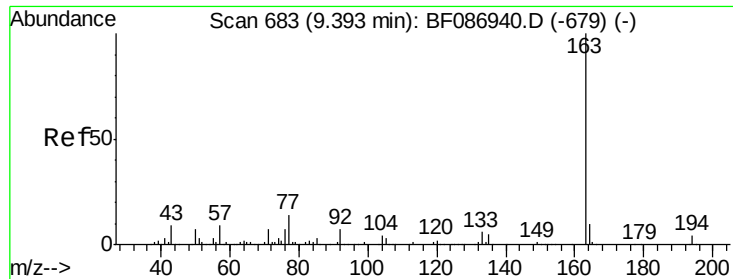
sohil
 5/13/2016 8:06:09 PM



#44
 2-Fluorobiphenyl
 Concen: 101.24 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.07 min
 Lab File: BF086969.D
 Acq: 13 May 2016 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1303498		
171	36.5	29.0	43.6	
170	24.4	19.8	29.8	





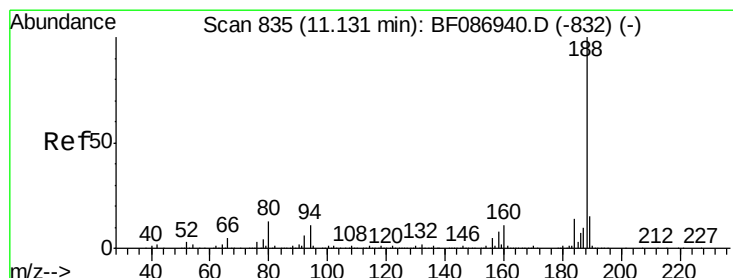
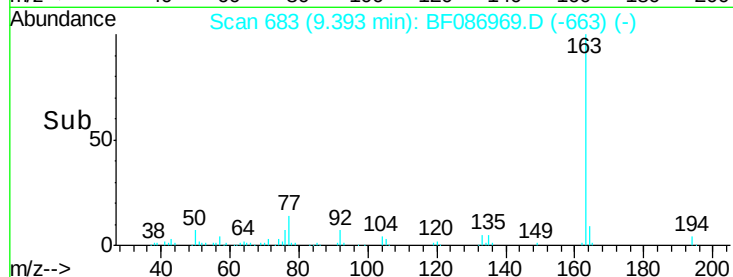
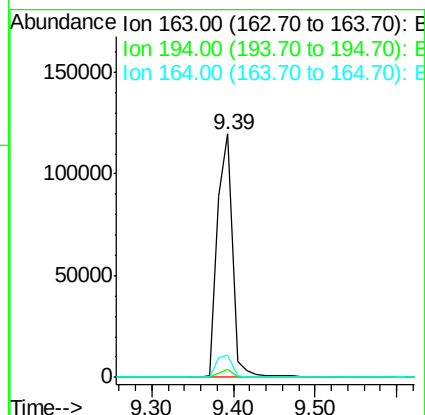
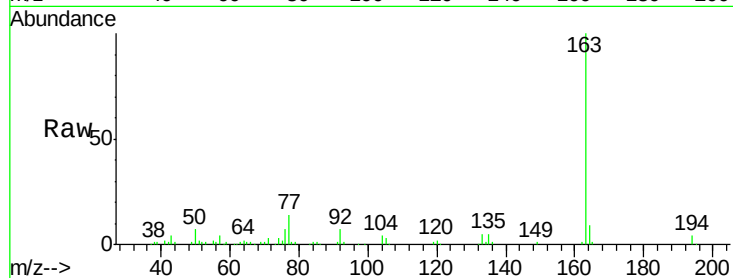
#49
Dimethylphthalate
Concen: 9.41 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.08 min
Lab File: BF086969.D
Acq: 13 May 2016 12:01

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-CSPH3-3K

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	155352		
194	3.6	2.6	4.0	
164	9.3	8.2	12.4	

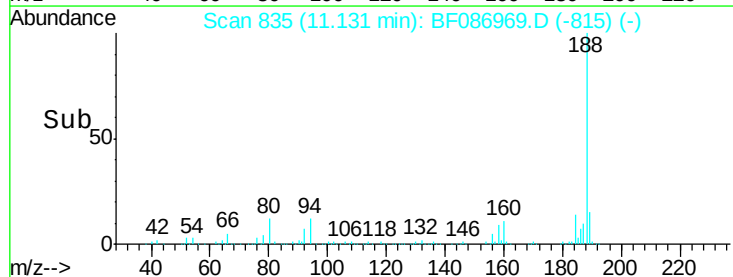
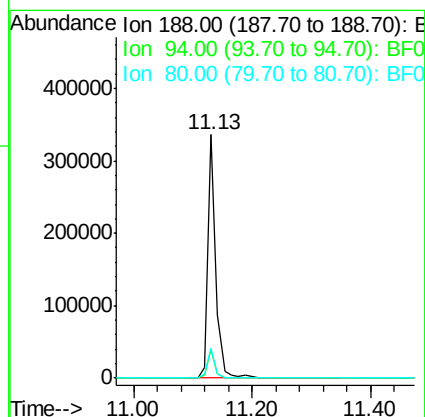
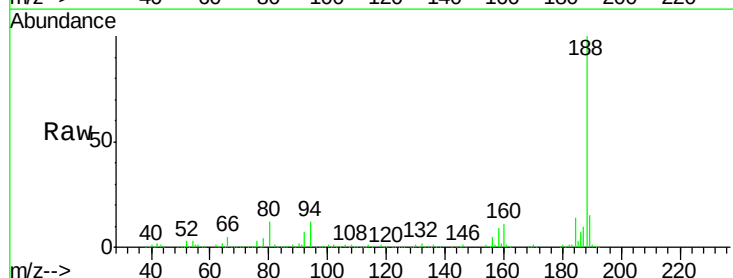
Manual Integrations
APPROVED

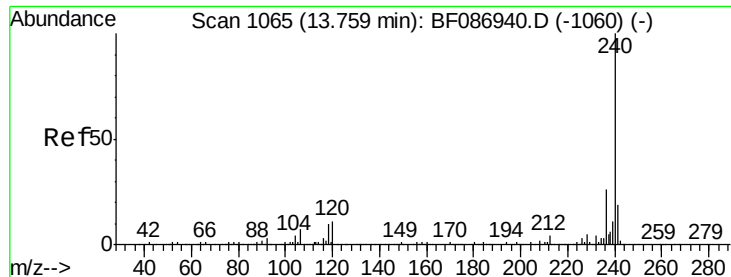
sohil
5/13/2016 8:06:09 PM



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.08 min
Lab File: BF086969.D
Acq: 13 May 2016 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	320111		
94	11.6	6.8	10.2#	
80	12.5	7.1	10.7#	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.08 min

Lab File: BF086969.D

Acq: 13 May 2016 12:01

Instrument :

BNA_F

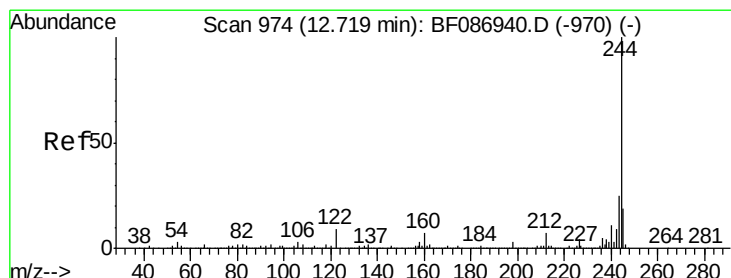
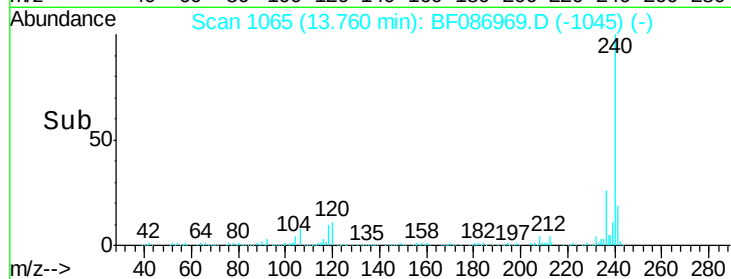
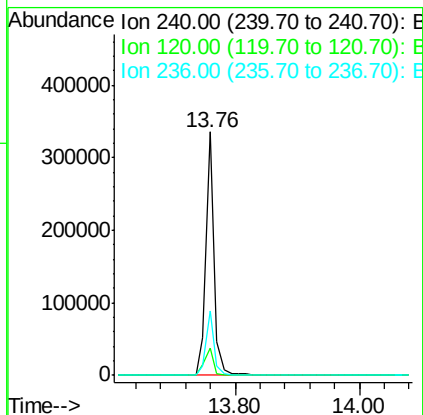
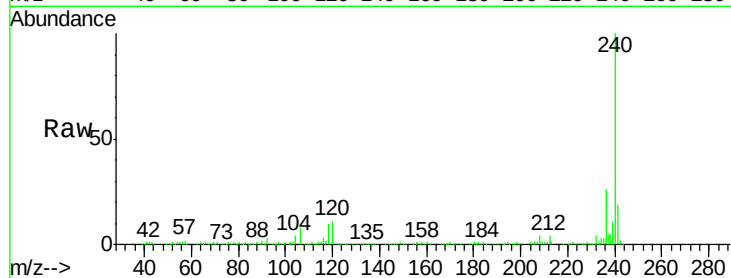
ClientSampleId :

VITALE-FILL-CSPH3-3K

Manual Integrations
APPROVED

sohil
5/13/2016 8:06:09 PM

Tgt Ion:	240	Resp:	311128
Ion Ratio	Lower	Upper	
240	100		
120	11.4	11.2	16.8
236	26.4	21.2	31.8



#78

Terphenyl-d14

Concen: 61.15 ng

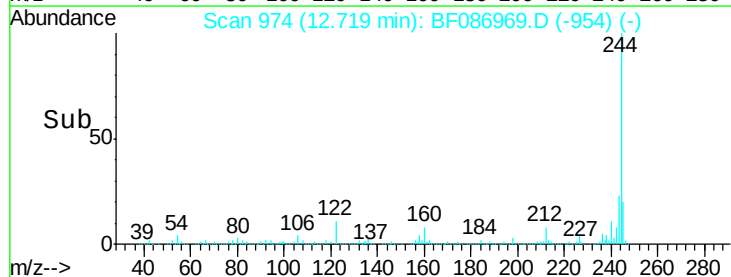
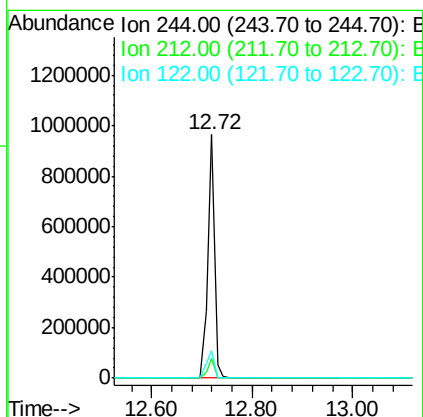
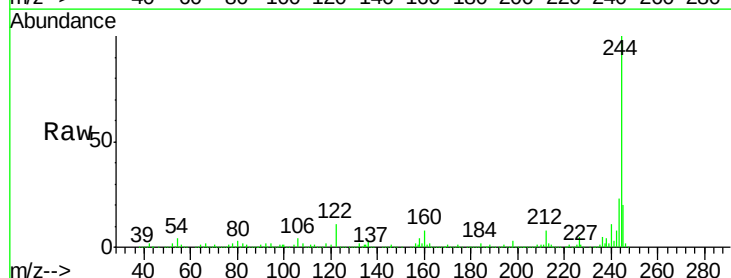
RT: 12.72 min Scan# 974

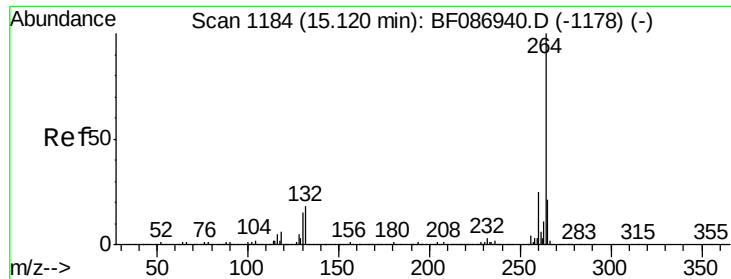
Delta R.T. -0.08 min

Lab File: BF086969.D

Acq: 13 May 2016 12:01

Tgt Ion:	244	Resp:	896685
Ion Ratio	Lower	Upper	
244	100		
212	7.9	6.2	9.2
122	11.3	12.0	18.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.12 min Scan# 1184
Delta R.T. -0.09 min
Lab File: BF086969.D
Acq: 13 May 2016 12:01

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-CSPH3-3K

Tgt	Ion	Ratio	Resp	Lower	Upper
264	100		247186		
260	22.9	19.5	29.3		
265	20.6	17.3	25.9		

Manual Integrations
APPROVED

sohil
5/13/2016 8:06:09 PM

