

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071216\
 Data File : BF088938.D
 Acq On : 13 Jul 2016 00:25
 Operator : UM/SJ
 Sample : H3935-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C3-8

Manual Integrations

APPROVED
 SOHIL
 7/13/2016 9:26:29 AM

Quant Time: Jul 13 04:14:24 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	57728m	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	211140	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	82582	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	126956	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	127787	20.00	ng	-0.01
86) Perylene-d12	15.21	264	103592	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	377554	98.02	ng	0.01
7) Phenol-d6	6.35	99	482970	97.04	ng	0.00
23) Nitrobenzene-d5	7.27	82	299023	74.22	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	78005	101.72	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	544004	104.05	ng	0.00
78) Terphenyl-d14	12.80	244	324337	56.53	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.46	163	84096	14.29	ng	99
74) Fluoranthene	12.42	202	14597	2.07	ng	96
83) Bis(2-ethylhexyl)phthalate	13.84	149	12860	2.33	ng	98
87) Benzo(b)fluoranthene	14.83	252	13343m	2.05	ng	

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

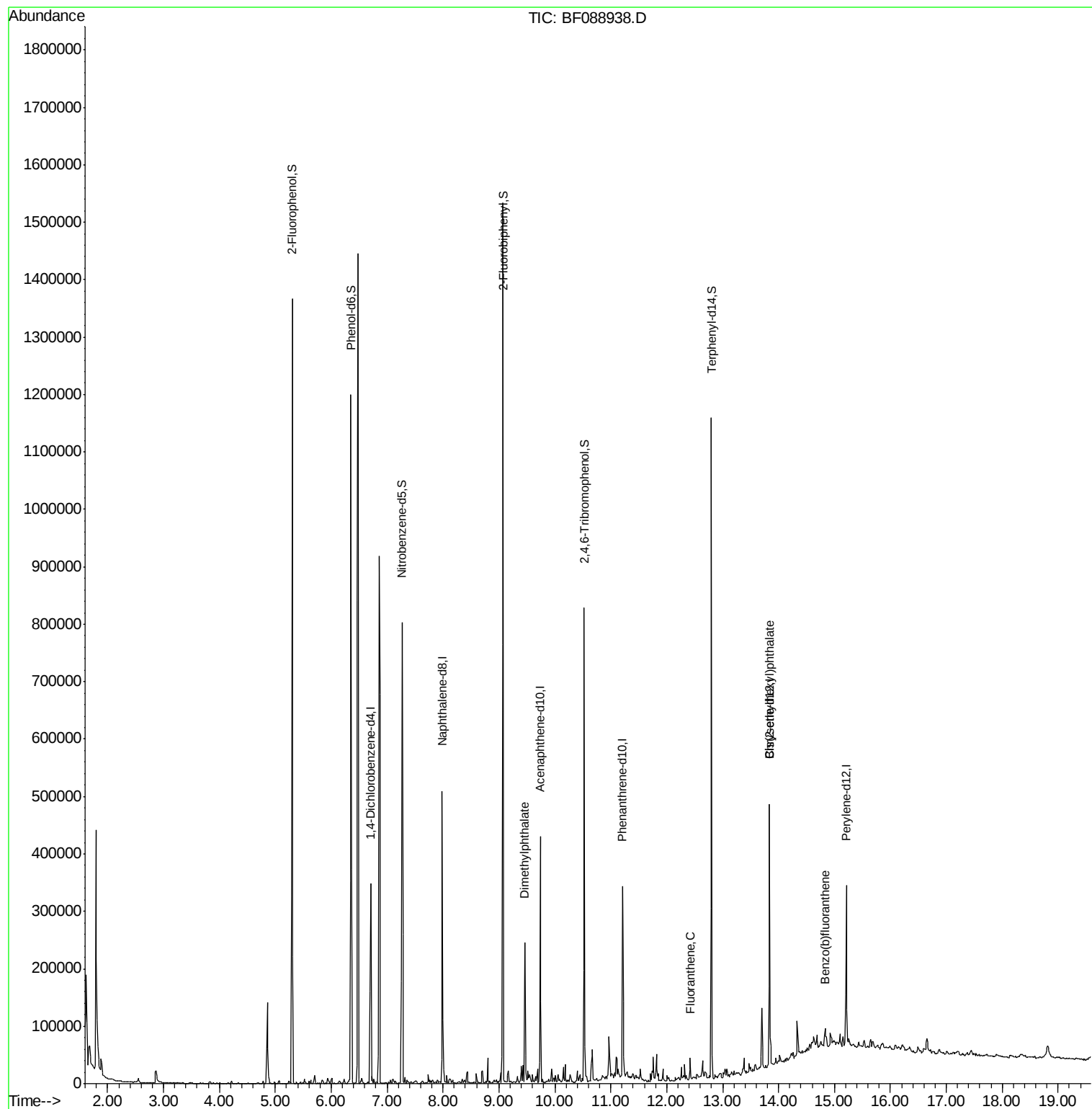
Data Path : Z:\HPCHEM1\BNA F\DATA\BF071216\
Data File : BF088938.D
Acq On : 13 Jul 2016 00:25
Operator : UM/SJ
Sample : H3935-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C3-8

Manual Integrations

Quant Time: Jul 13 04:14:24 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 11 18:13:32 2016
Response via : Initial Calibration

APPROVED
SOHIL
7/13/2016 9:26:29 AM





#1

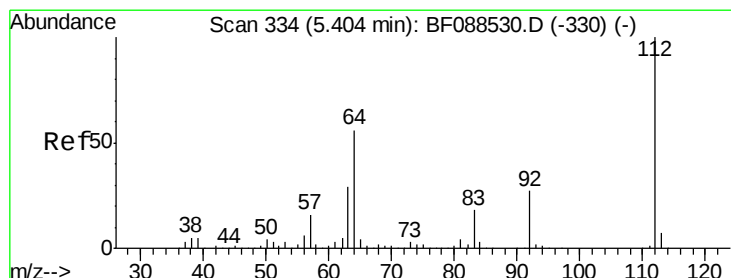
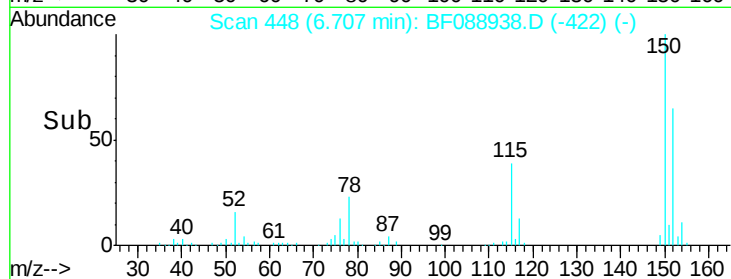
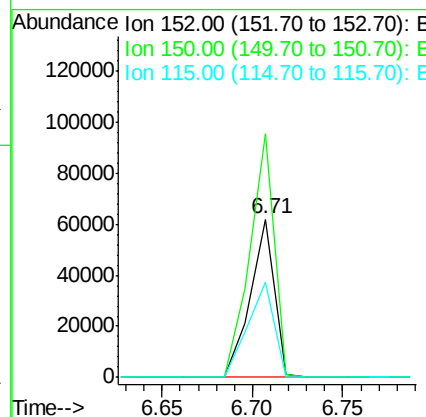
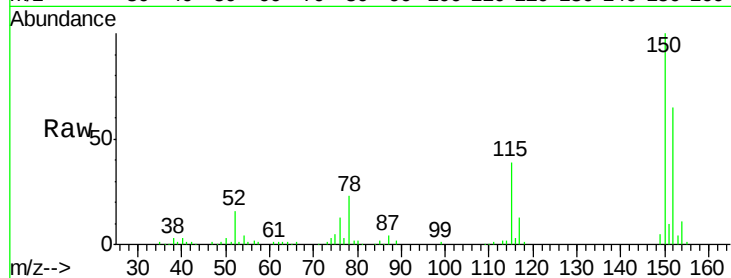
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/ml
RT: 6.71 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF088938.D
Acq: 13 Jul 2016 00:25

Instrument :
BNA_F
ClientSampleId :
C3-8

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	123.8	185.6
115	59.8	39.6	59.4

Manual Integrations

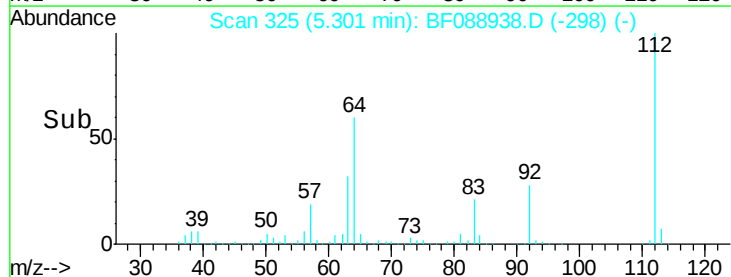
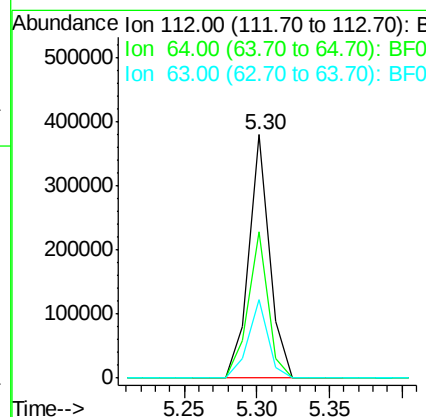
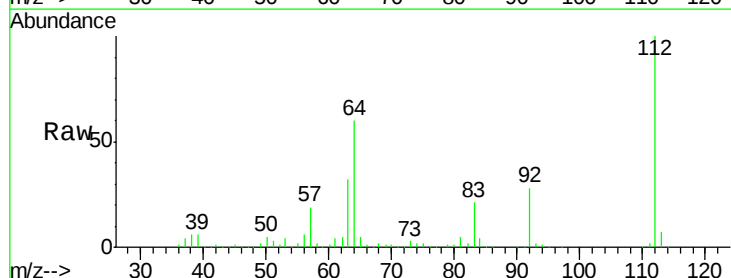
SOHIL
7/13/2016 9:26:29 AM



#5

2-Fluorophenol
Concen: 98.02 ng
RT: 5.30 min Scan# 325
Delta R.T. 0.01 min
Lab File: BF088938.D
Acq: 13 Jul 2016 00:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.2	42.2	63.2
63	32.5	21.8	32.8





#7

Phenol-d6

Concen: 97.04 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF088938.D

Acq: 13 Jul 2016 00:25

Instrument :

BNA_F

ClientSampled :

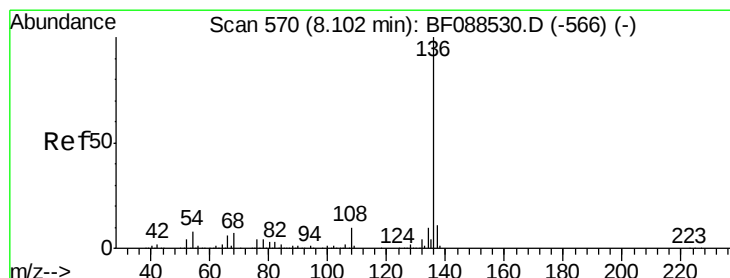
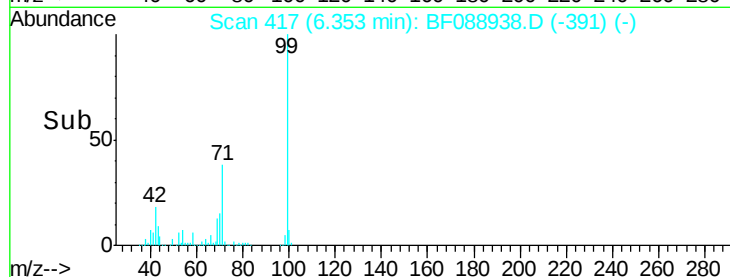
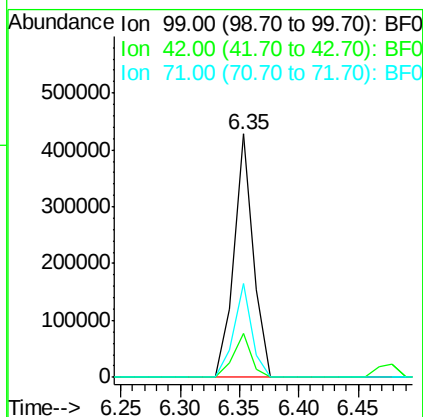
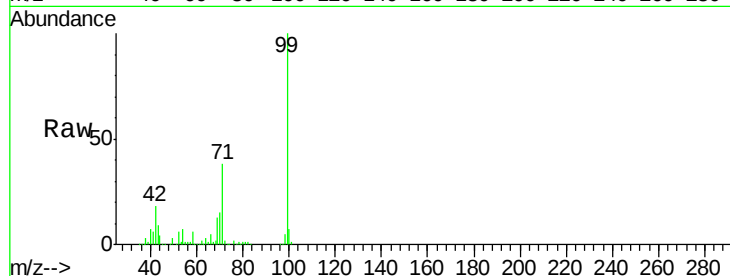
C3-8

Tot Ion:	99	Resp:	482970
Ion	Ratio	Lower	Upper
99	100		
42	18.1	12.2	18.2
71	38.3	23.4	35.0

Manual Integrations

SOHIL

7/13/2016 9:26:29 AM



#21

Naphthalene-d8

Concen: 20.00 ng

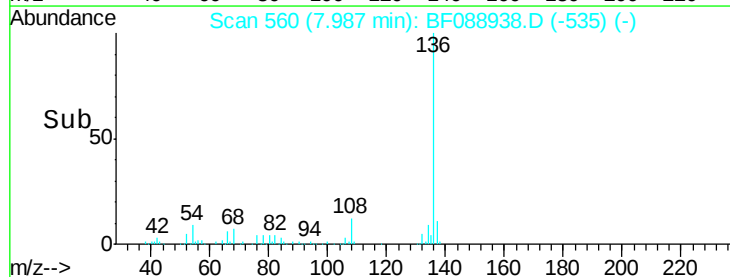
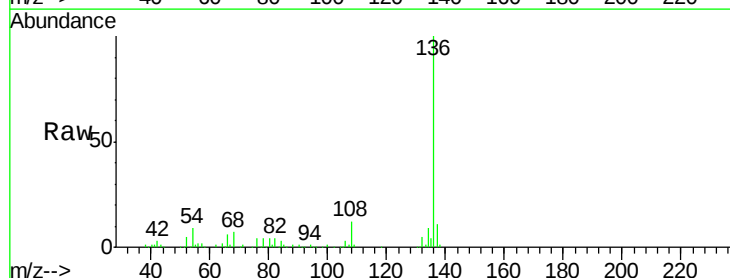
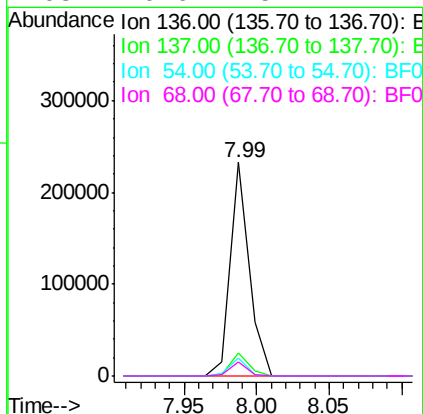
RT: 7.99 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF088938.D

Acq: 13 Jul 2016 00:25

Tgt Ion:	136	Resp:	211140
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	8.6	6.6	10.0
68	6.6	5.1	7.7





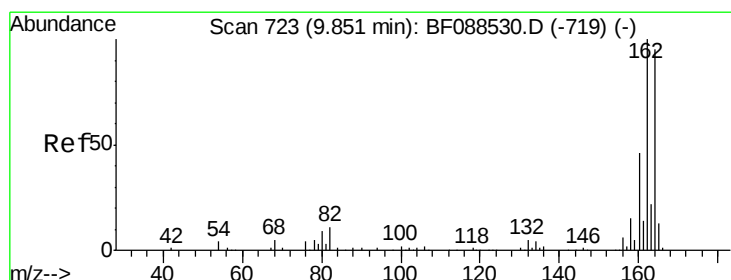
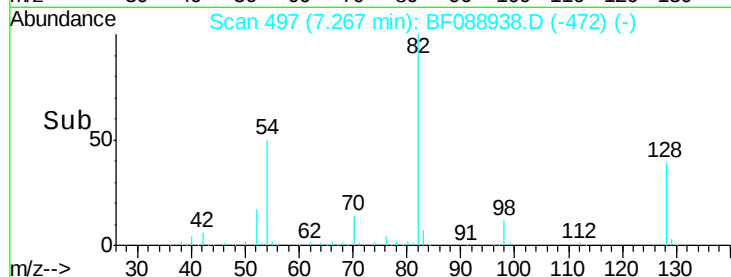
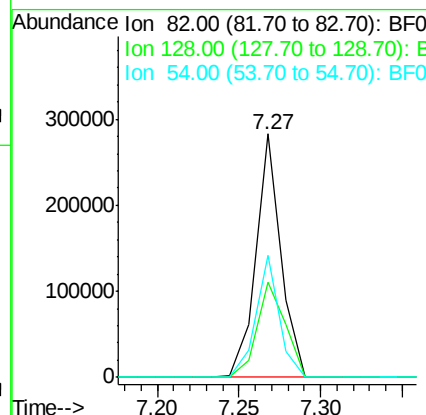
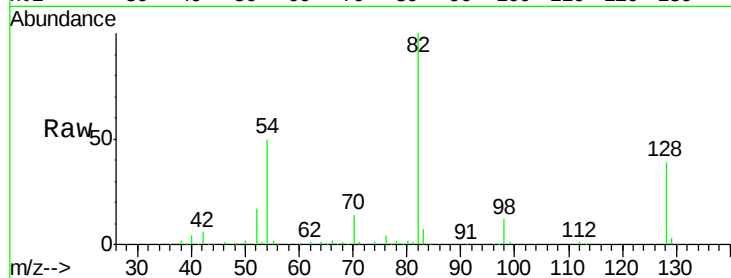
#23
Nitrobenzene-d5
Concen: 74.22 ng
RT: 7.27 min Scan# 497
Delta R.T. -0.01 min
Lab File: BF088938.D
Acq: 13 Jul 2016 00:25

Instrument :
BNA_F
ClientSampled :
C3-8

Tot Ion	82	Resp	299023
Ion	Ratio	Lower	Upper
82	100		
128	39.2	35.9	53.9
54	49.9	40.9	61.3

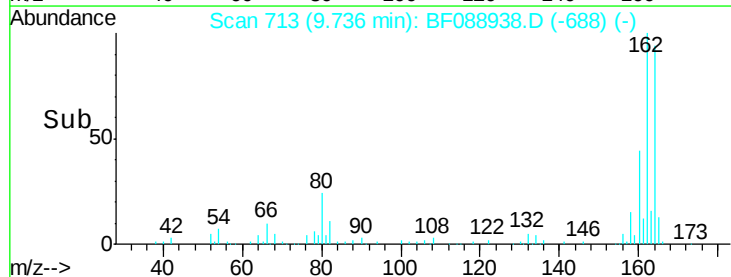
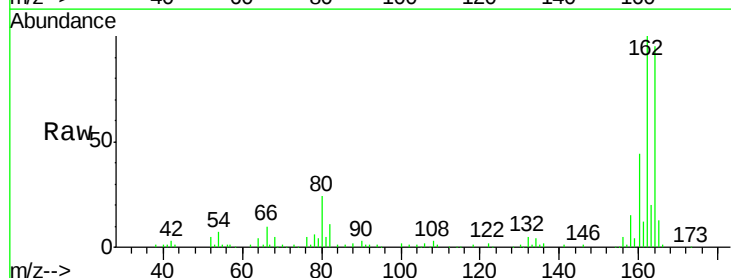
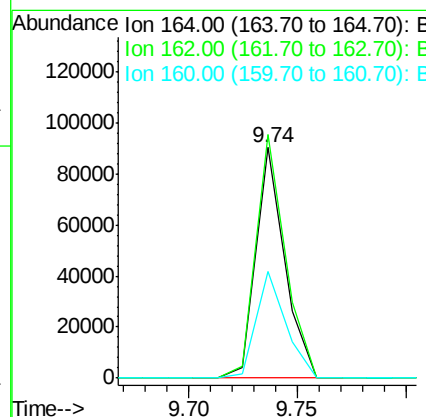
Manual Integrations

APPROVED
SOHIL
7/13/2016 9:26:29 AM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF088938.D
Acq: 13 Jul 2016 00:25

Tgt Ion	164	Resp	82582
Ion	Ratio	Lower	Upper
164	100		
162	105.7	85.4	128.2
160	46.2	39.5	59.3





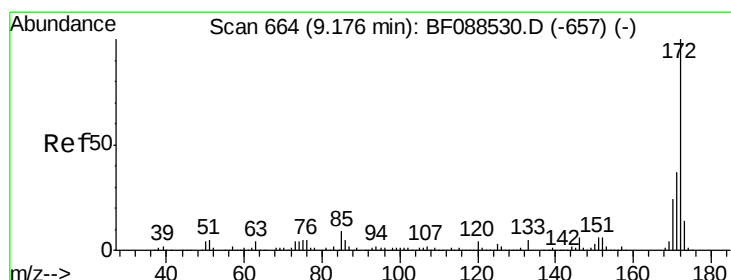
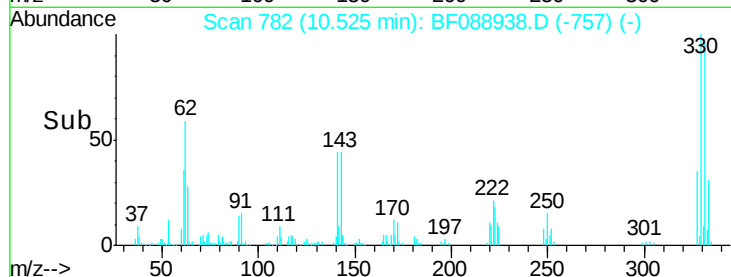
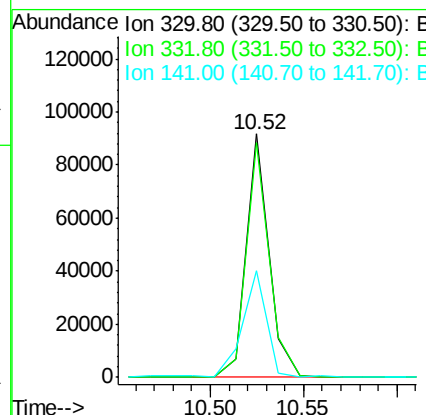
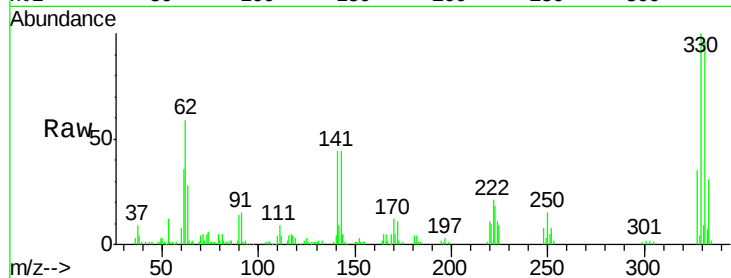
#41
 2,4,6-Tribromophenol
 Concen: 101.72 ng
 RT: 10.52 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF088938.D
 Acq: 13 Jul 2016 00:25

Instrument :
 BNA_F
 ClientSampleId :
 C3-8

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	0.0	0.0#
141	48.6	0.0	0.0#

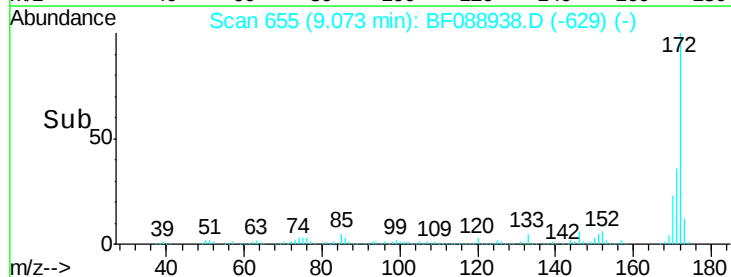
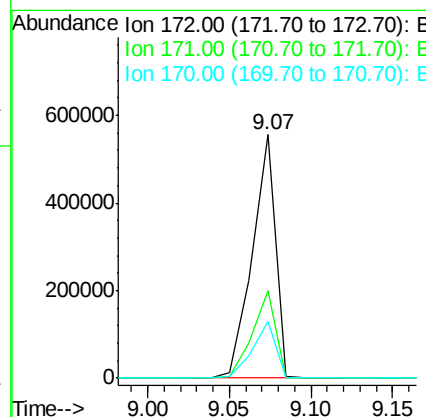
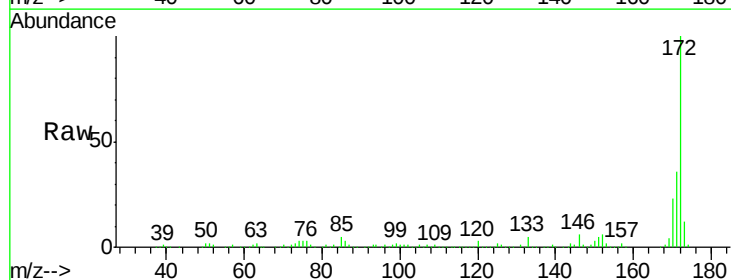
Manual Integrations

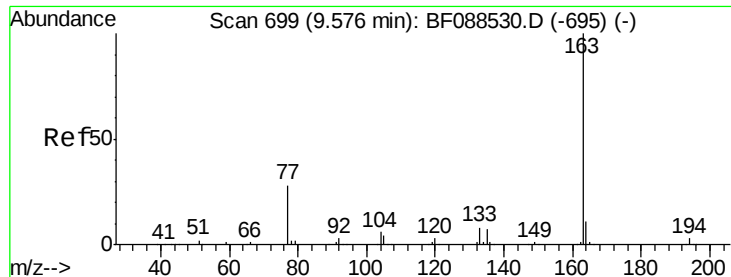
SOHIL
 7/13/2016 9:26:29 AM



#44
 2-Fluorobiphenyl
 Concen: 104.05 ng
 RT: 9.07 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF088938.D
 Acq: 13 Jul 2016 00:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	23.4	19.2	28.8





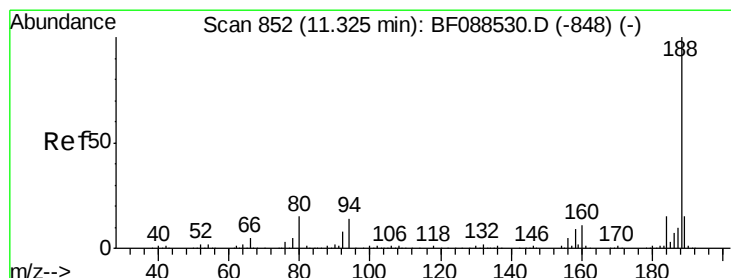
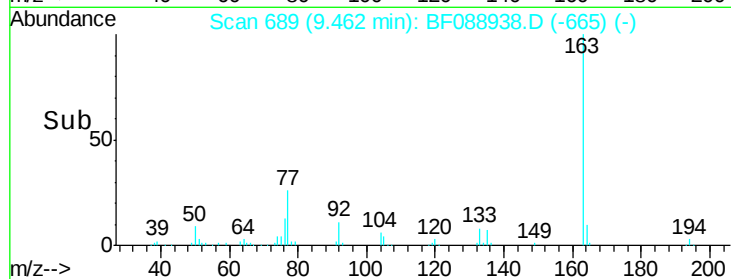
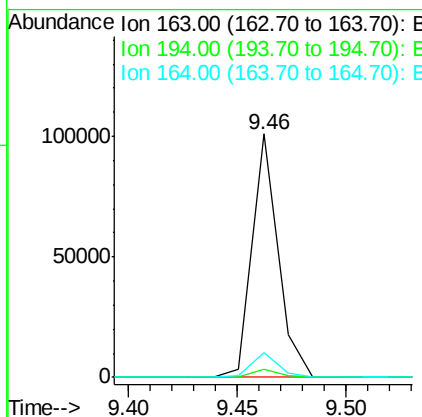
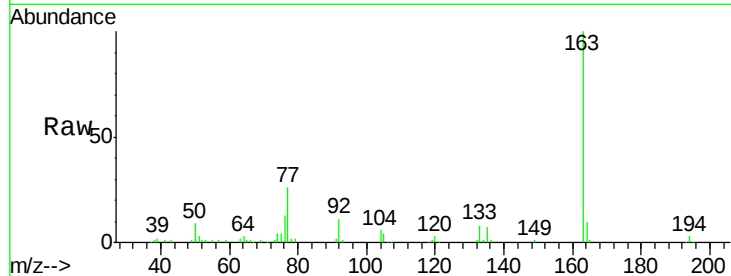
#49
Dimethylphthalate
Concen: 14.29 ng
RT: 9.46 min Scan# 689
Delta R.T. -0.02 min
Lab File: BF088938.D
Acq: 13 Jul 2016 00:25

Instrument :
BNA_F
ClientSampled :
C3-8

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.8	4.2
164	10.2	8.3	12.5

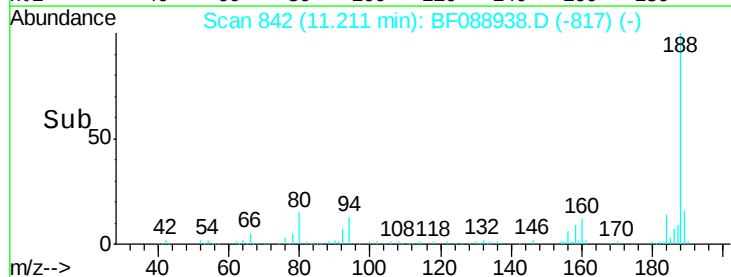
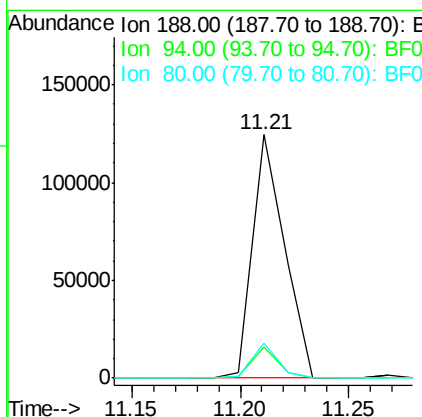
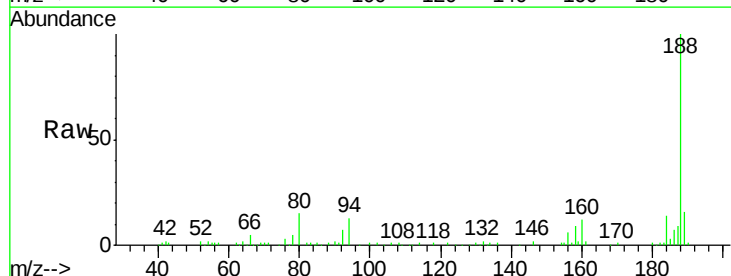
Manual Integrations

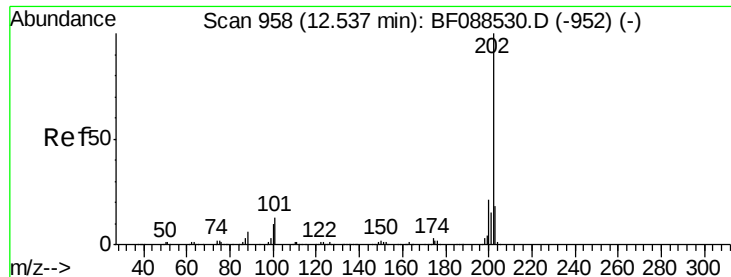
APPROVED
SOHIL
7/13/2016 9:26:29 AM



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF088938.D
Acq: 13 Jul 2016 00:25

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.6	9.0	13.6
80	14.6	10.0	15.0





#74

Fluoranthene

Concen: 2.07 ng

RT: 12.42 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF088938.D

Acq: 13 Jul 2016 00:25

Instrument :

BNA_F

ClientSampleId :

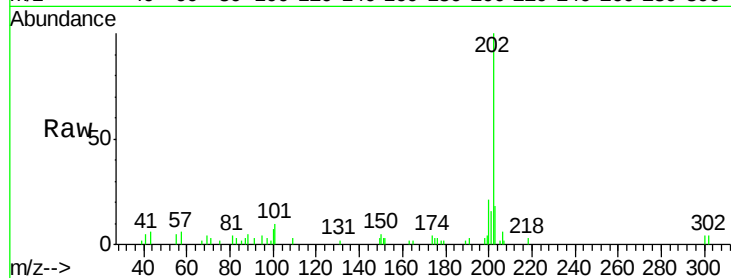
C3-8

Tot Ion:	202	Resp:	14597
Ion Ratio	Lower	Upper	
202	100		
101	9.8	0.0	33.1
203	17.9	0.0	38.1

Manual Integrations

SOHIL

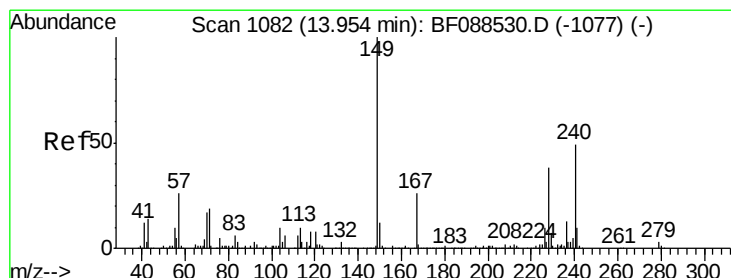
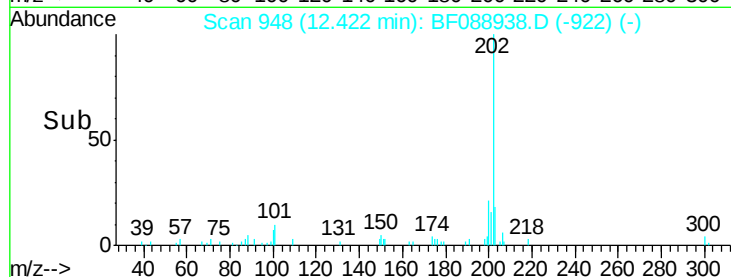
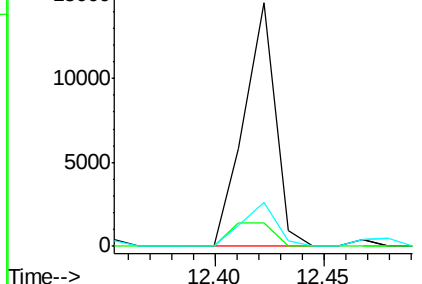
7/13/2016 9:26:29 AM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BF088938.D

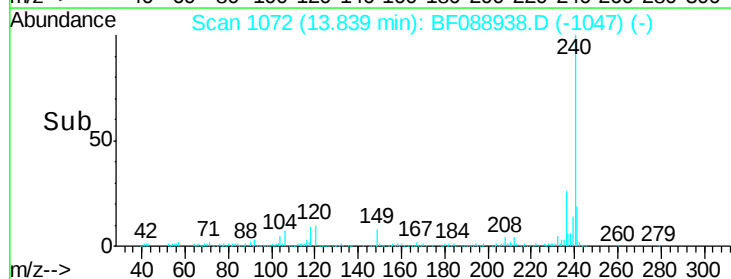
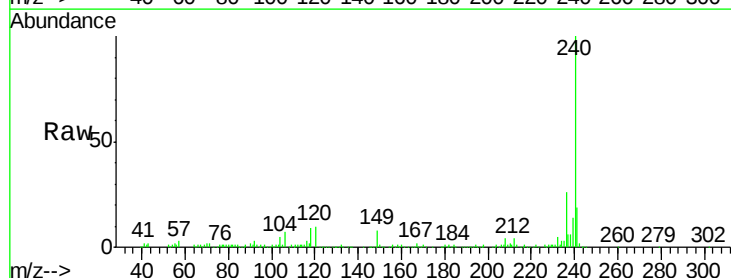
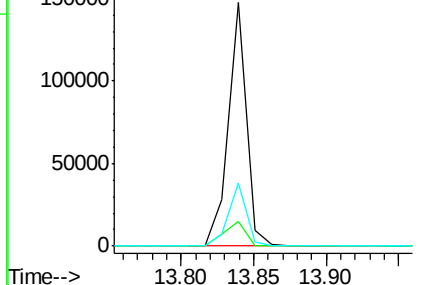
Acq: 13 Jul 2016 00:25

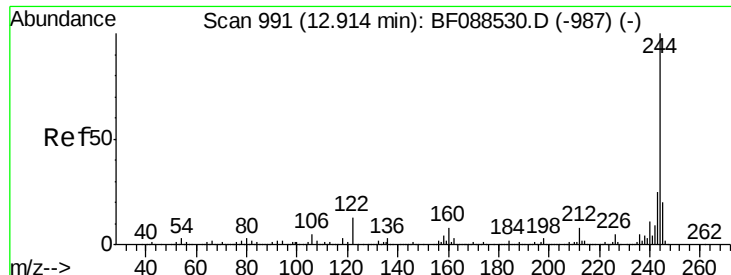
Tgt Ion:	240	Resp:	127787
Ion Ratio	Lower	Upper	
240	100		
120	10.2	6.8	10.2
236	25.8	20.2	30.2

Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





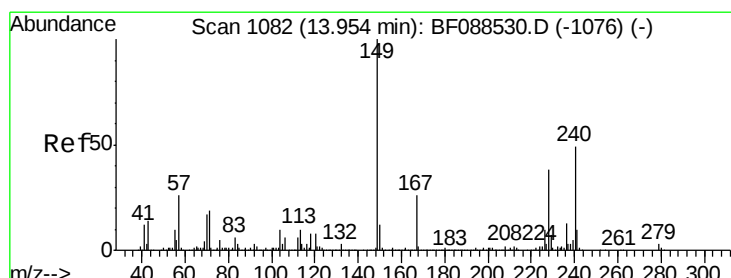
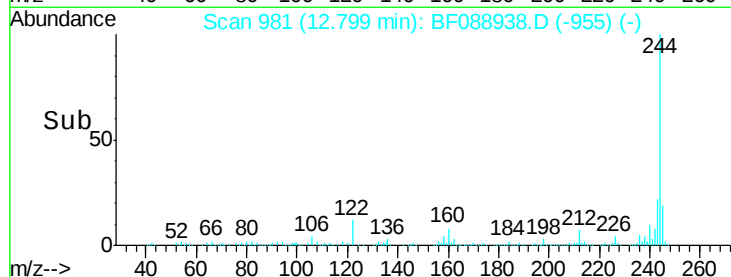
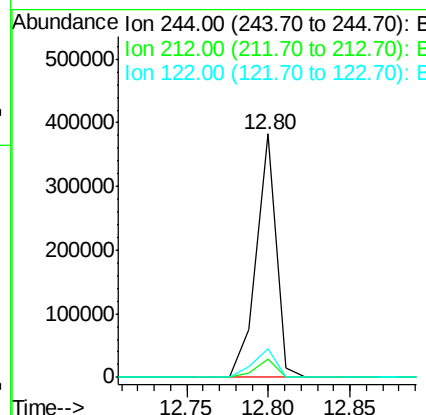
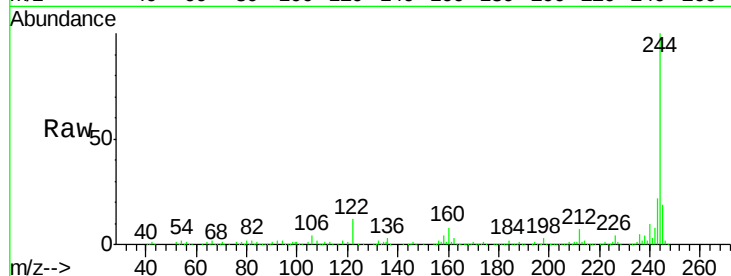
#78
 Terphenyl-d14
 Concen: 56.53 ng
 RT: 12.80 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BF088938.D
 Acq: 13 Jul 2016 00:25

Instrument :
 BNA_F
 ClientSampled :
 C3-8

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	11.5	11.2	16.8

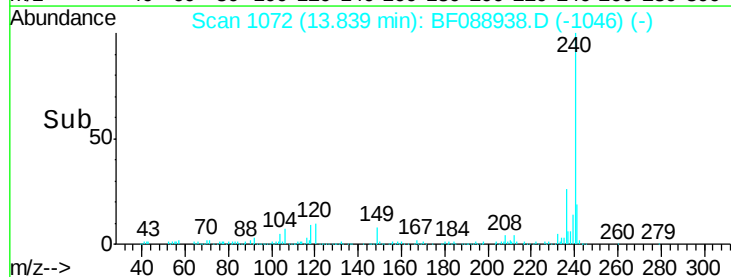
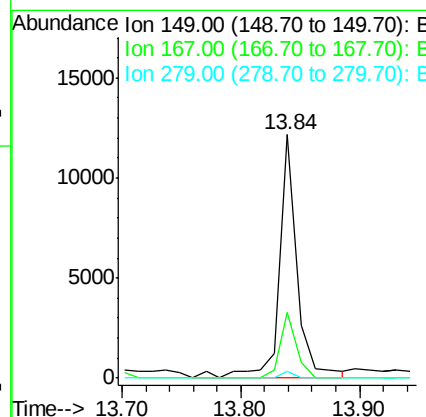
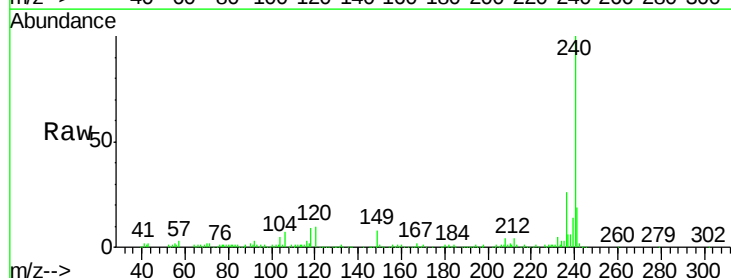
Manual Integrations

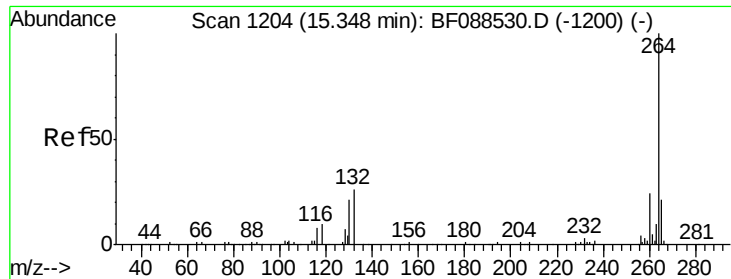
SOHIL
 7/13/2016 9:26:29 AM



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.33 ng
 RT: 13.84 min Scan# 1072
 Delta R.T. 0.00 min
 Lab File: BF088938.D
 Acq: 13 Jul 2016 00:25

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.0	20.5	30.7
279	2.6	2.0	3.0





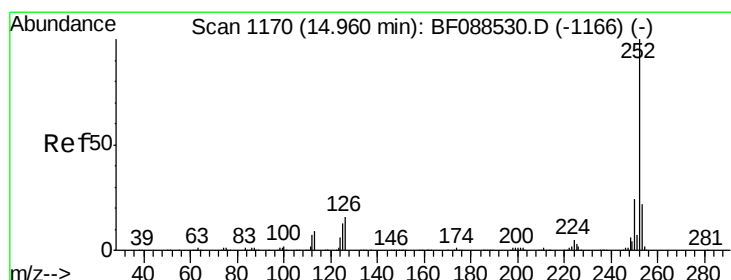
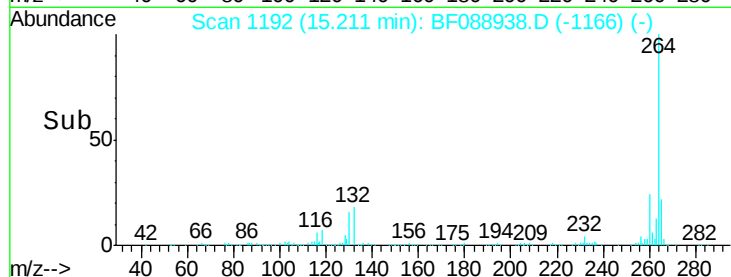
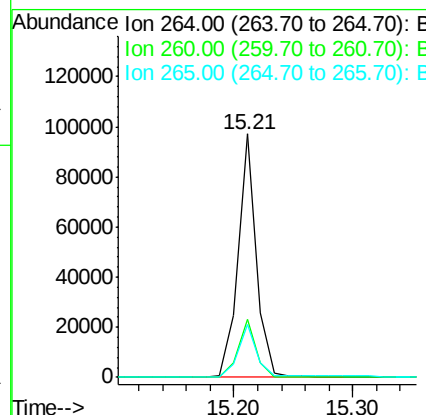
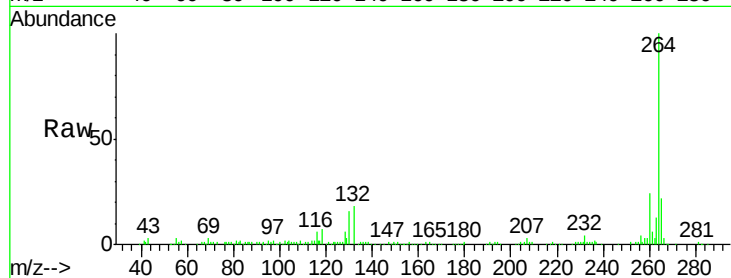
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF088938.D
Acq: 13 Jul 2016 00:25

Instrument :
BNA_F
ClientSampleId :
C3-8

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.9	16.9	25.3

Manual Integrations

SOHIL
7/13/2016 9:26:29 AM



#87
Benzo(b)fluoranthene
Concen: 2.05 ng m
RT: 14.83 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF088938.D
Acq: 13 Jul 2016 00:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.4	26.2
125	17.0	7.1	10.7

