

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071616\
 Data File : BF089050.D
 Acq On : 16 Jul 2016 12:36
 Operator : UM/SJ
 Sample : H3951-18 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SB-SB06(7-9ft)

Manual Integrations

sohil
 7/18/2016 7:36:29 PM

Quant Time: Jul 18 01:34:47 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	6.66	152	61730	20.00	ng	-0.05
21) Naphthalene-d8	7.94	136	216799	20.00	ng	-0.06
38) Acenaphthene-d10	9.70	164	104156	20.00	ng	-0.05
63) Phenanthrene-d10	11.18	188	166261	20.00	ng	-0.05
75) Chrysene-d12	13.81	240	112631	20.00	ng	-0.05
86) Perylene-d12	15.18	264	100212	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	69770	16.94	ng	-0.05
7) Phenol-d6	6.31	99	95447	17.93	ng	-0.05
23) Nitrobenzene-d5	7.22	82	53314	12.89	ng	-0.06
41) 2,4,6-Tribromophenol	10.49	330	10726	11.09	ng	-0.05
44) 2-Fluorobiphenyl	9.03	172	110697	16.79	ng	-0.05
78) Terphenyl-d14	12.75	244	63717	12.60	ng	-0.05
Target Compounds						Qvalue
49) Dimethylphthalate	9.43	163	45817	6.17	ng	99
74) Fluoranthene	12.38	202	25270	2.74	ng	95
77) Pyrene	12.61	202	32370	3.39	ng	98
79) Butylbenzylphthalate	13.25	149	16385	3.85	ng	89
87) Benzo(b)fluoranthene	14.80	252	17565m	2.79	ng	
89) Benzo(a)pyrene	15.12	252	11794	2.22	ng	# 88

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

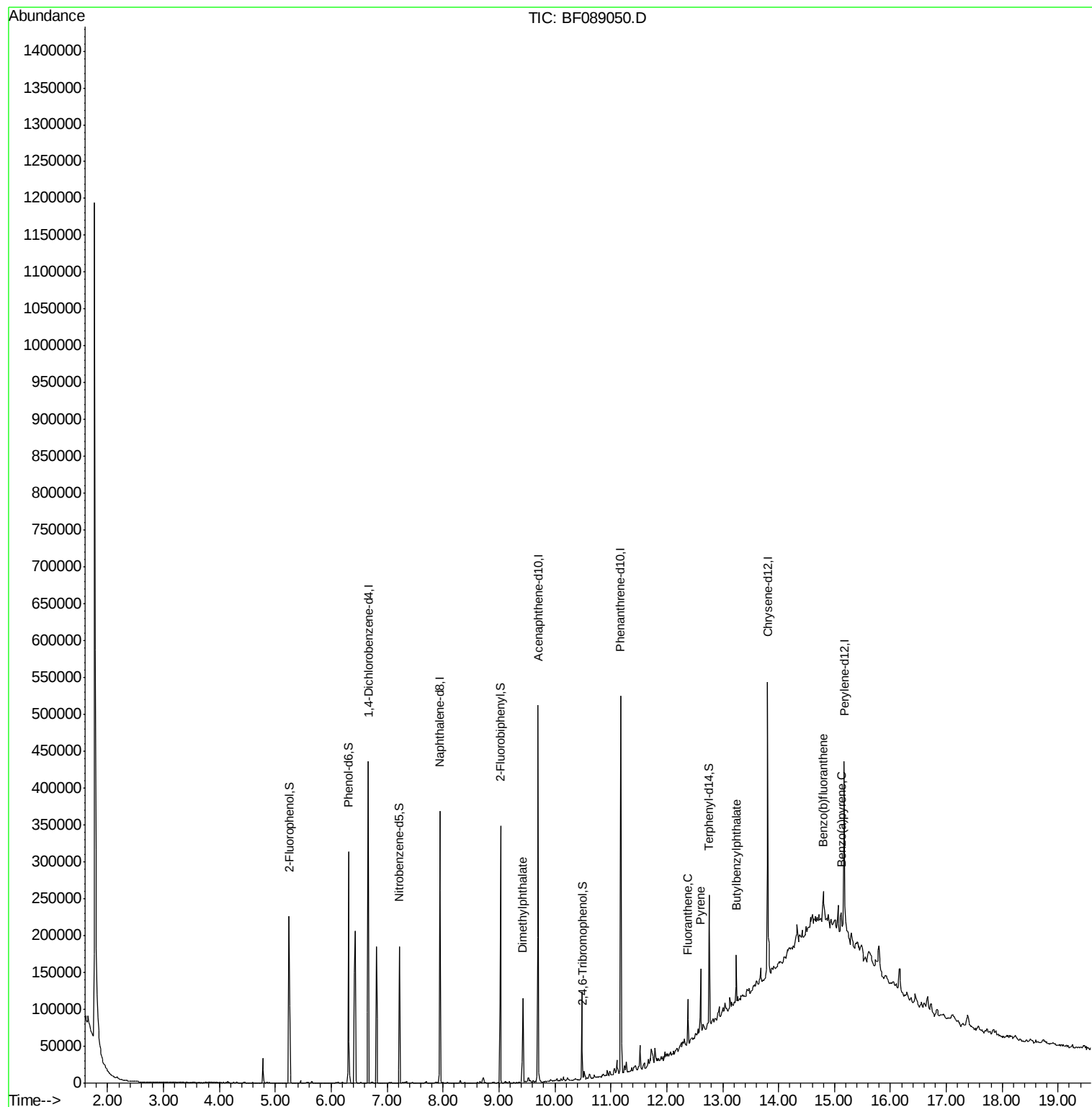
Data Path : Z:\HPCHEM1\BNA F\DATA\BF071616\
Data File : BF089050.D
Acq On : 16 Jul 2016 12:36
Operator : UM/SJ
Sample : H3951-18 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB06(7-9ft)

Manual Integrations

sohil
7/18/2016 7:36:29 PM

Quant Time: Jul 18 01:34:47 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





#1

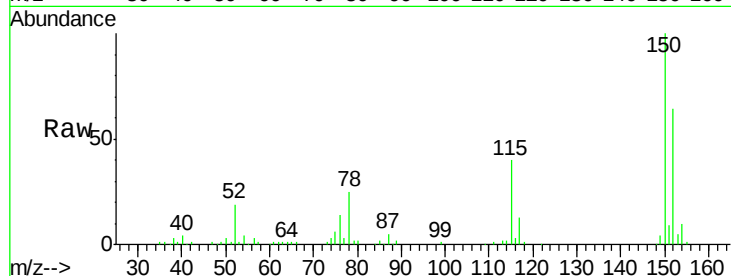
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 444
Delta R.T. -0.05 min
Lab File: BF089050.D
Acq: 16 Jul 2016 12:36

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB06(7-9ft)

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	123.8	185.6
115	62.5	39.6	59.4

Manual Integrations

sohil
7/18/2016 7:36:29 PM

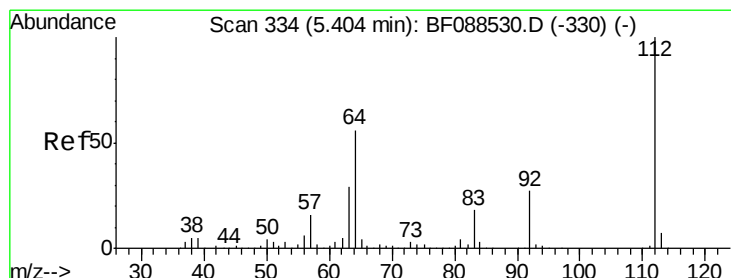
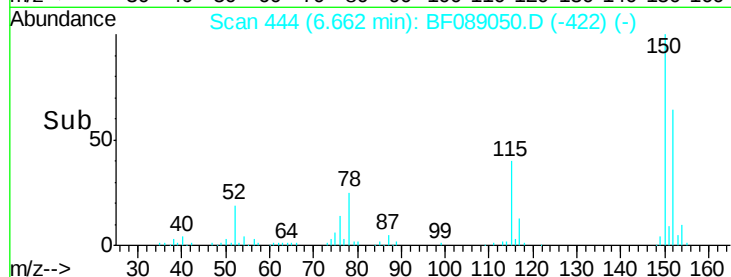
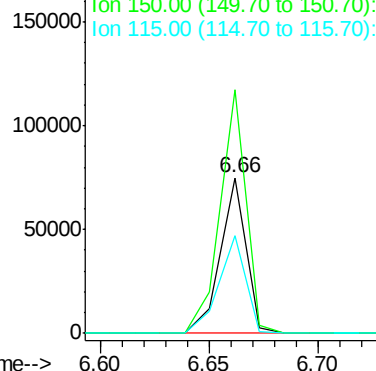


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

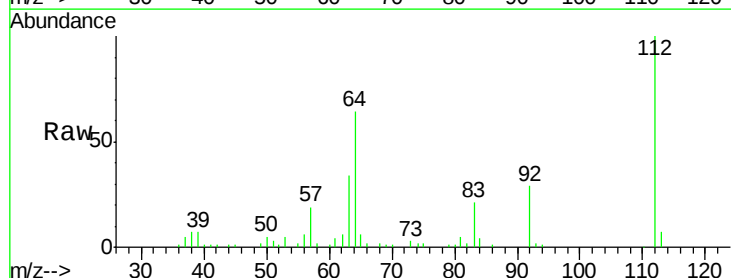
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 16.94 ng
RT: 5.24 min Scan# 320
Delta R.T. -0.05 min
Lab File: BF089050.D
Acq: 16 Jul 2016 12:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.8	42.2	63.2
63	33.9	21.8	32.8

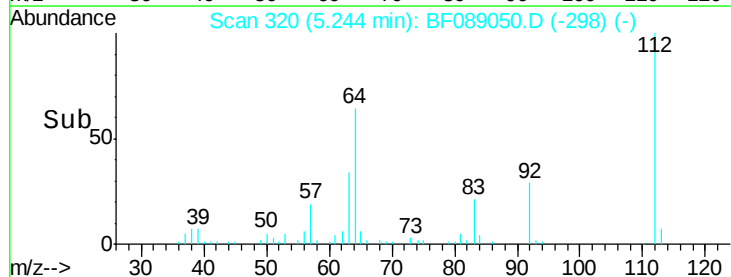
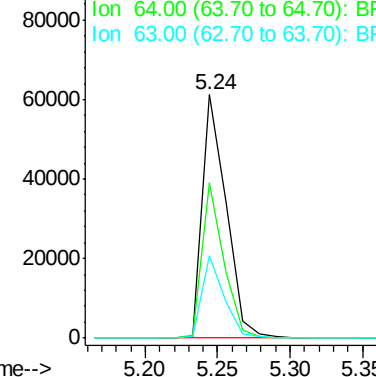


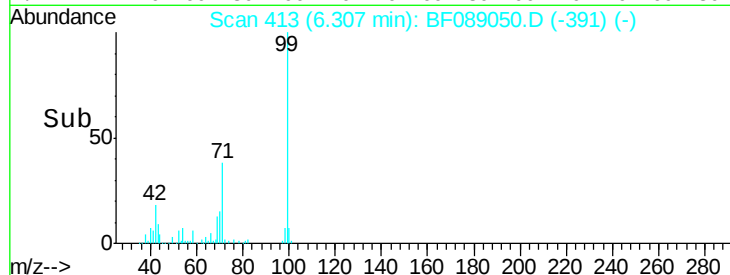
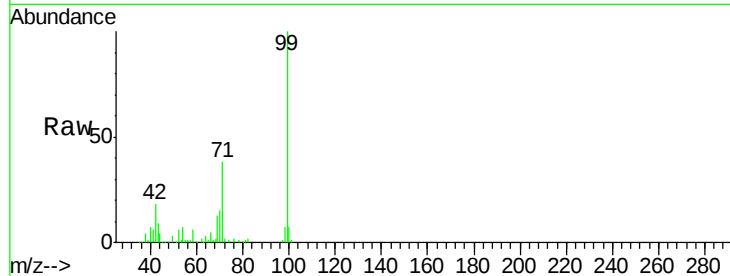
Abundance

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





#7

Phenol-d6

Concen: 17.93 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.05 min

Lab File: BF089050.D

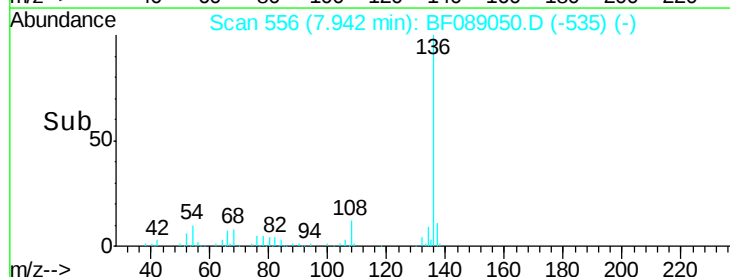
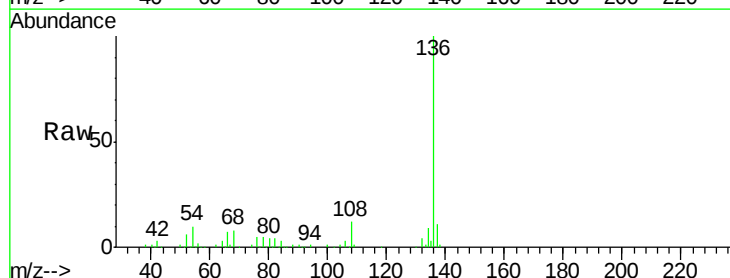
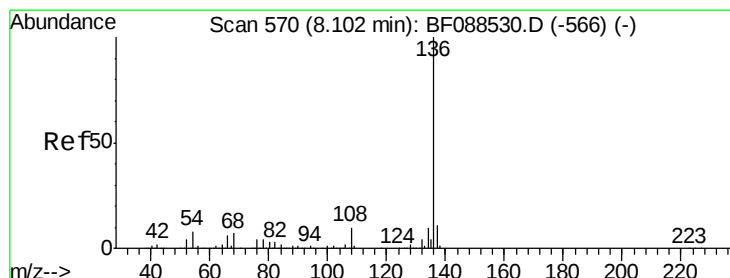
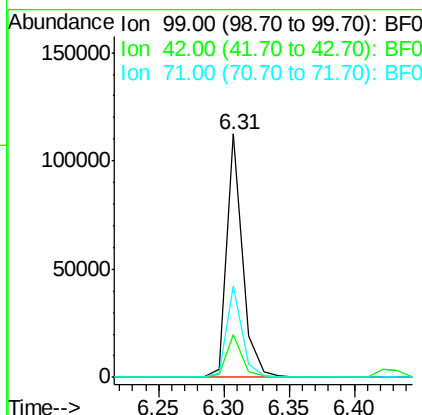
Acq: 16 Jul 2016 12:36

Tot Ion:	99	Resp:	95447
Ion	Ratio	Lower	Upper
99	100		
42	17.5	12.2	18.2
71	37.7	23.4	35.0#

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB06(7-9ft)

Manual Integrations

sohil
7/18/2016 7:36:29 PM



#21

Naphthalene-d8

Concen: 20.00 ng

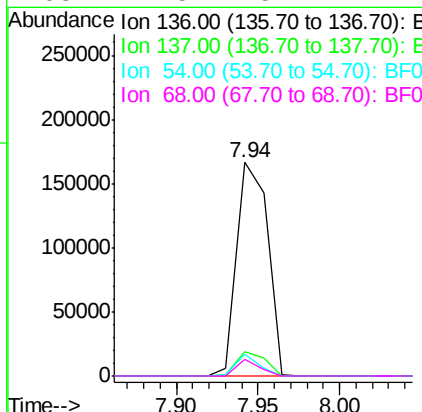
RT: 7.94 min Scan# 556

Delta R.T. -0.06 min

Lab File: BF089050.D

Acq: 16 Jul 2016 12:36

Tgt Ion:	136	Resp:	216799
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	10.0	6.6	10.0#
68	7.5	5.1	7.7





#23

Nitrobenzene-d5

Concen: 12.89 ng

RT: 7.22 min Scan# 493

Delta R.T. -0.06 min

Lab File: BF089050.D

Acq: 16 Jul 2016 12:36

Instrument :

BNA_F

ClientSampleId :

LSS-SB-SB06(7-9ft)

Tot Ion: 82 Resp: 53314

Ion Ratio Lower Upper

82 100

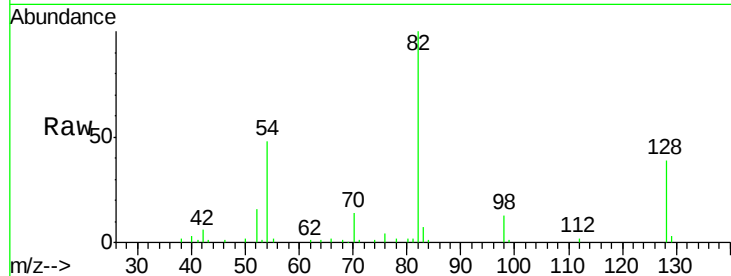
128 39.4 35.9 53.9

54 47.7 40.9 61.3

Manual Integrations

sohil

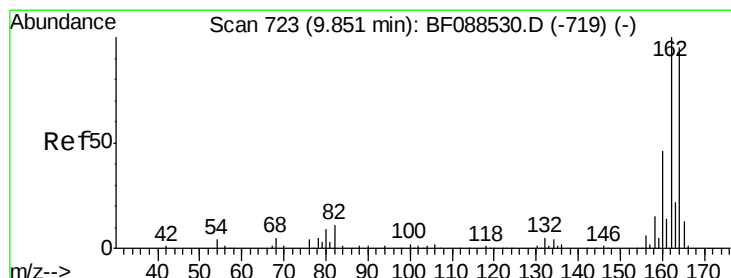
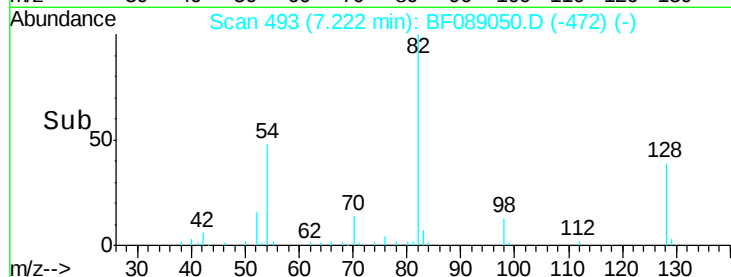
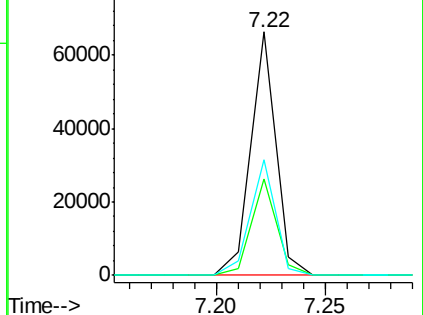
7/18/2016 7:36:29 PM



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.70 min Scan# 710

Delta R.T. -0.05 min

Lab File: BF089050.D

Acq: 16 Jul 2016 12:36

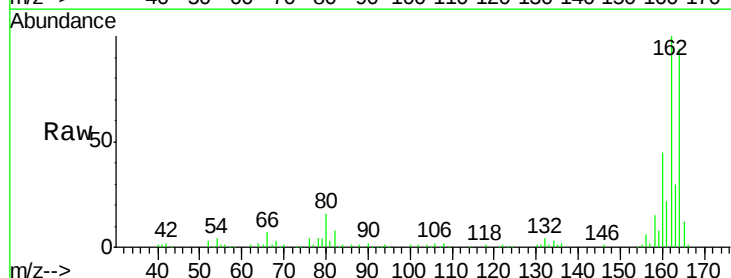
Tgt Ion:164 Resp: 104156

Ion Ratio Lower Upper

164 100

162 106.6 85.4 128.2

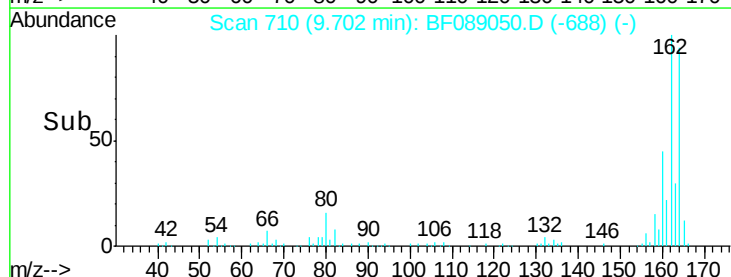
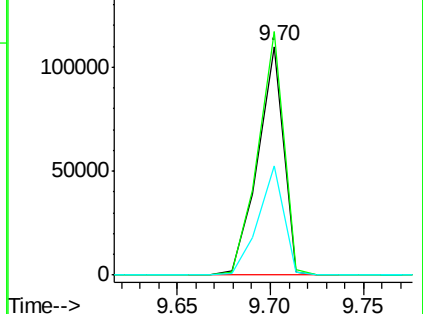
160 47.7 39.5 59.3



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





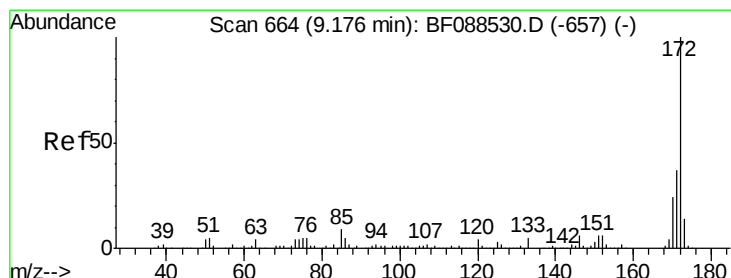
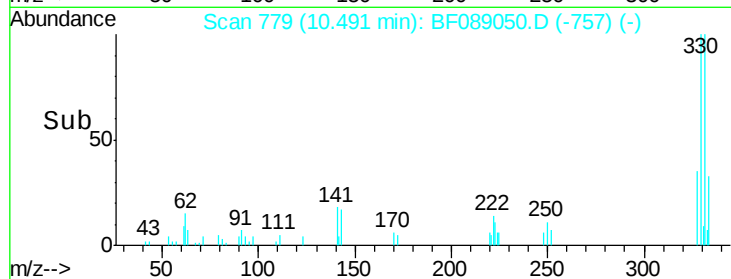
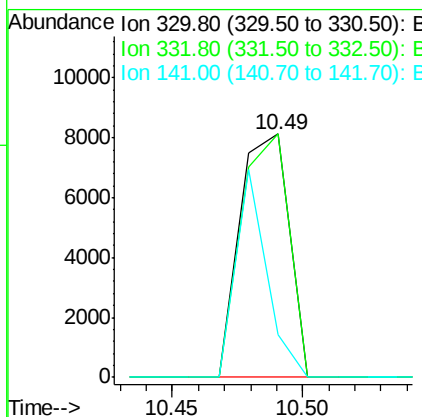
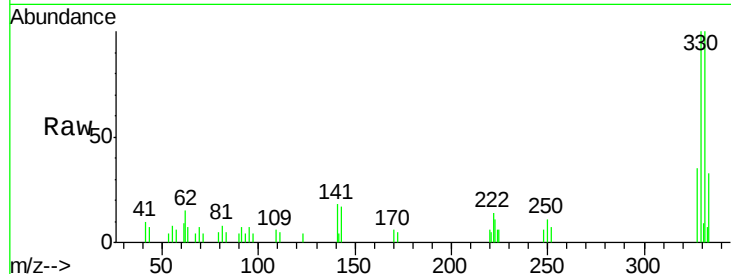
#41
 2,4,6-Tribromophenol
 Concen: 11.09 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.05 min
 Lab File: BF089050.D
 Acq: 16 Jul 2016 12:36

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SB-SB06(7-9ft)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	0.0	0.0#
141	53.5	0.0	0.0#

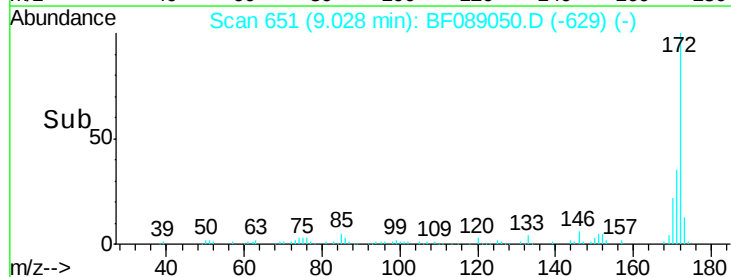
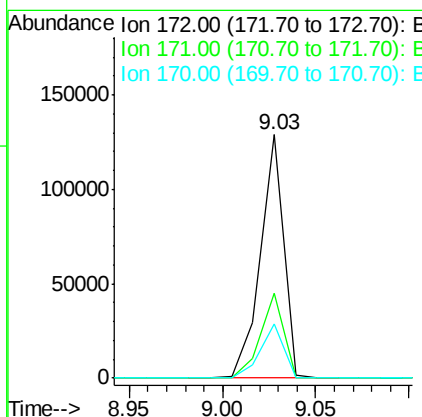
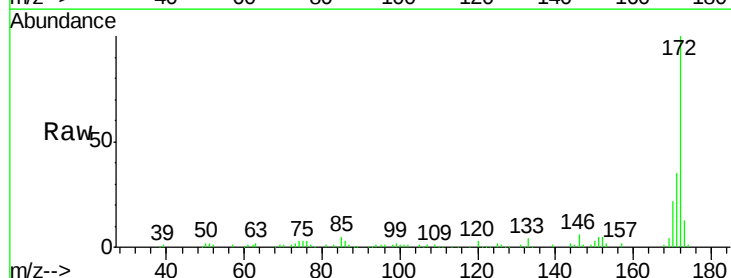
Manual Integrations

sohil
 7/18/2016 7:36:29 PM



#44
 2-Fluorobiphenyl
 Concen: 16.79 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.05 min
 Lab File: BF089050.D
 Acq: 16 Jul 2016 12:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.6	43.0
170	22.4	19.2	28.8





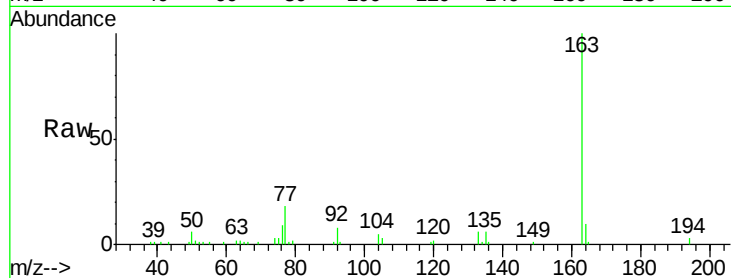
#49
Dimethylphthalate
Concen: 6.17 ng
RT: 9.43 min Scan# 686
Delta R.T. -0.06 min
Lab File: BF089050.D
Acq: 16 Jul 2016 12:36

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB06(7-9ft)

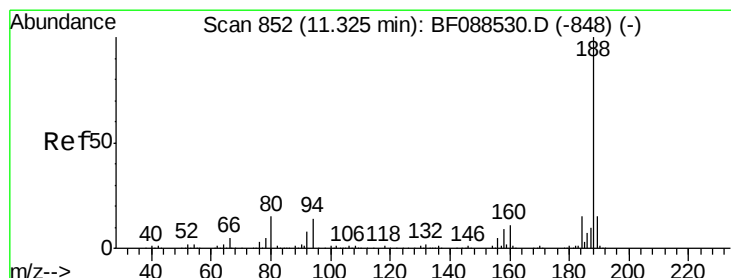
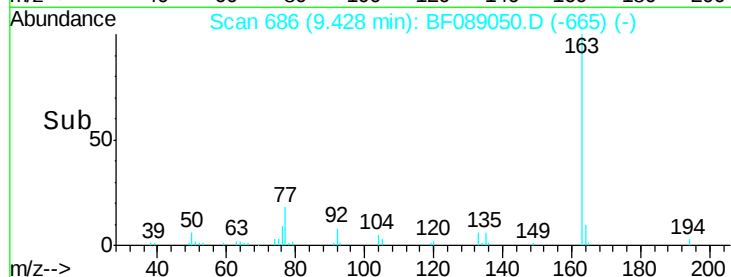
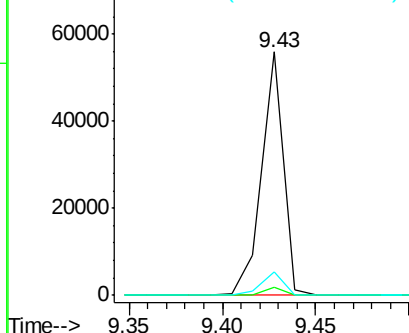
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.8	4.2
164	9.9	8.3	12.5

Manual Integrations

sohil
7/18/2016 7:36:29 PM

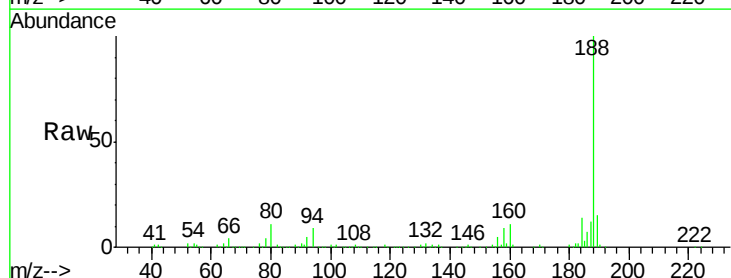


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

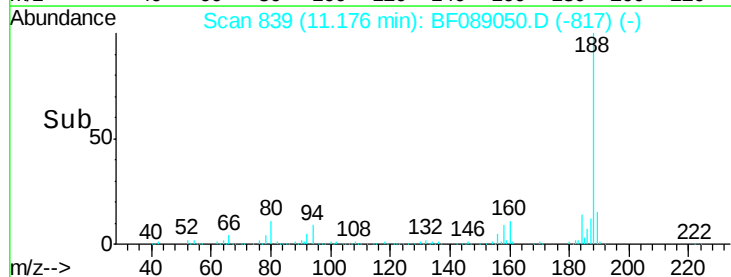
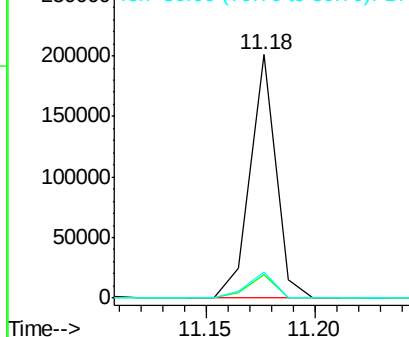


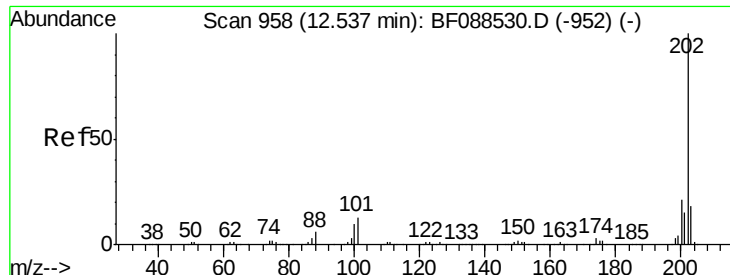
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 839
Delta R.T. -0.05 min
Lab File: BF089050.D
Acq: 16 Jul 2016 12:36

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	9.0	13.6
80	10.8	10.0	15.0



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





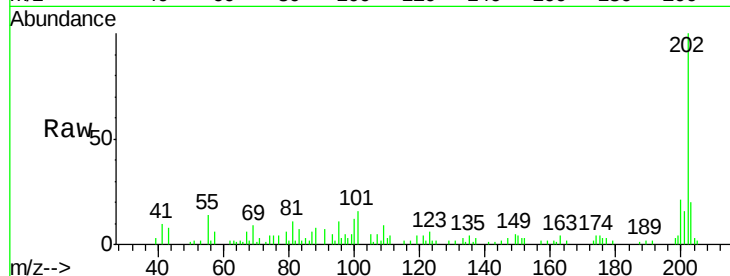
#74
Fluoranthene
Concen: 2.74 ng
RT: 12.38 min Scan# 944
Delta R.T. -0.05 min
Lab File: BF089050.D
Acq: 16 Jul 2016 12:36

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB06(7-9ft)

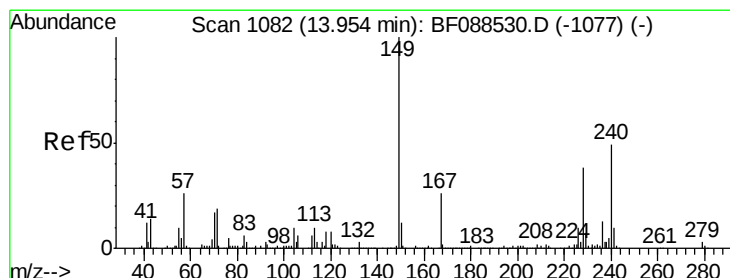
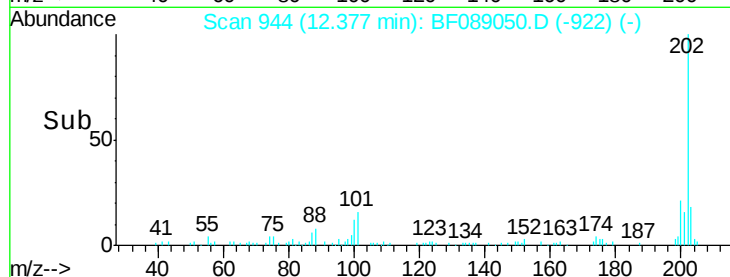
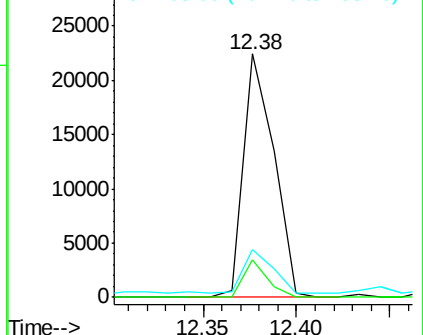
Tot Ion	Ratio	Lower	Upper
202	100		
101	15.6	0.0	33.1
203	19.7	0.0	38.1

Manual Integrations

sohil
7/18/2016 7:36:29 PM

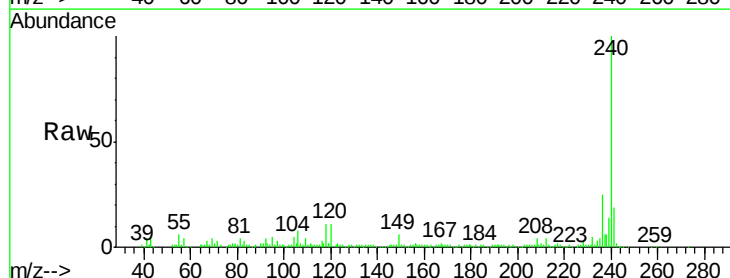


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

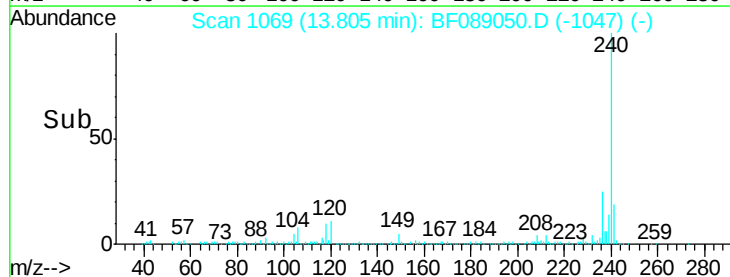
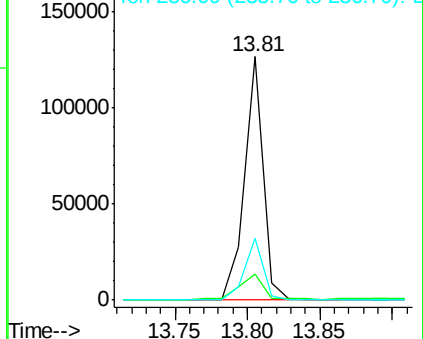


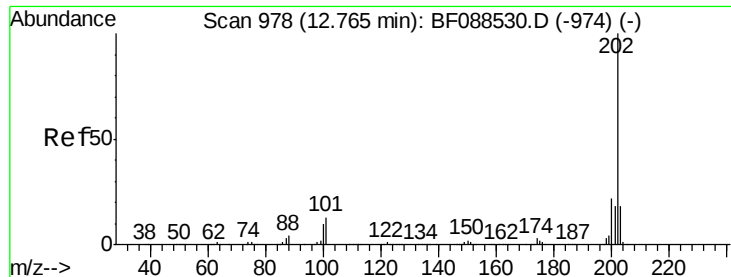
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.81 min Scan# 1069
Delta R.T. -0.05 min
Lab File: BF089050.D
Acq: 16 Jul 2016 12:36

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.9	6.8	10.2#
236	25.2	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





#77

Pvrene

Concen: 3.39 ng

RT: 12.61 min Scan# 964

Delta R.T. -0.05 min

Lab File: BF089050.D

Acq: 16 Jul 2016 12:36

Instrument :

BNA_F

ClientSampleId :

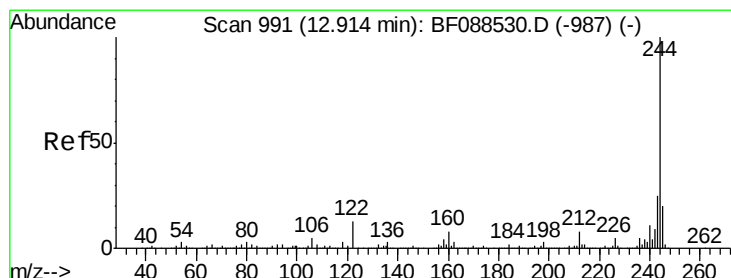
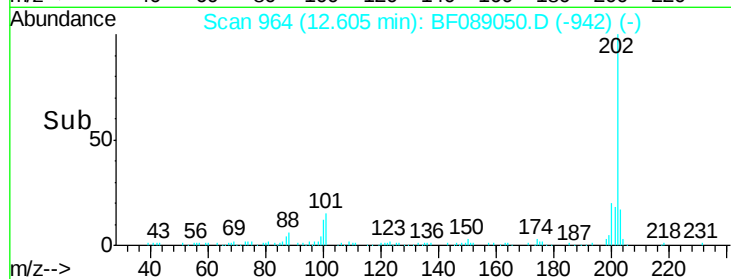
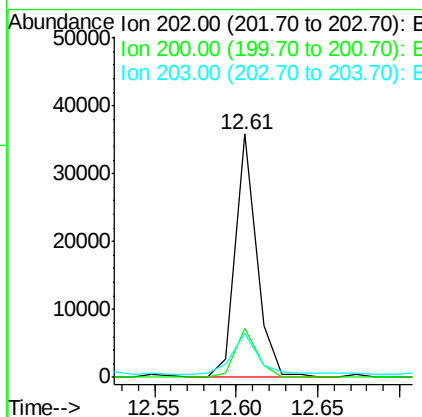
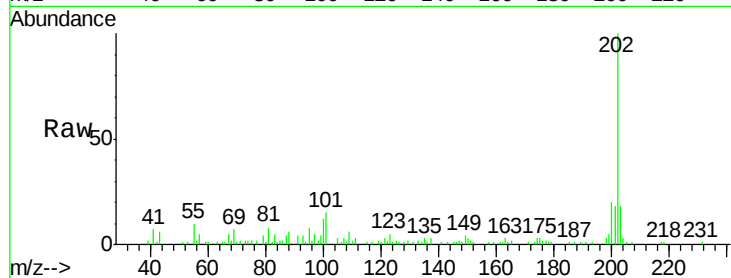
LSS-SB-SB06(7-9ft)

Tot Ion:	202	Resp:	32370
Ion Ratio	Lower	Upper	
202	100		
200	20.2	17.4	26.2
203	18.1	14.5	21.7

Manual Integrations

sohil

7/18/2016 7:36:29 PM



#78

Terphenyl-d14

Concen: 12.60 ng

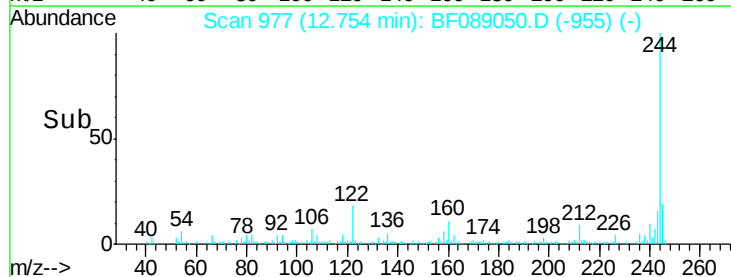
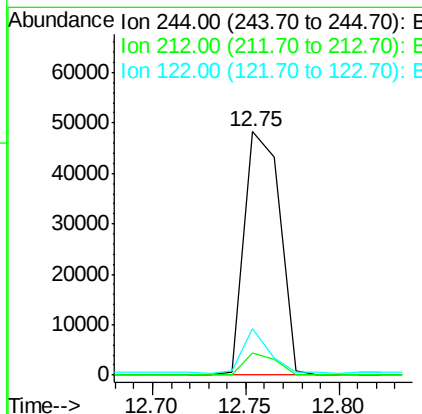
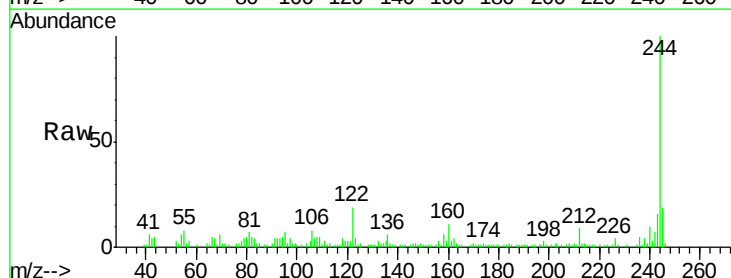
RT: 12.75 min Scan# 977

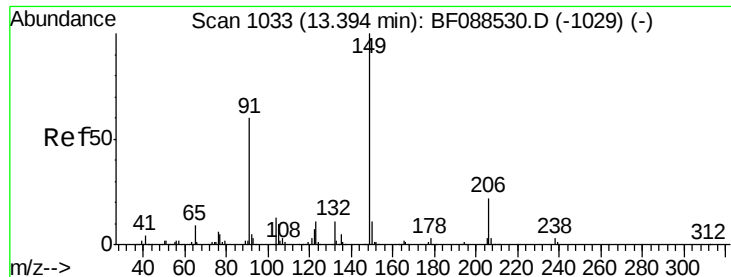
Delta R.T. -0.05 min

Lab File: BF089050.D

Acq: 16 Jul 2016 12:36

Tgt Ion:	244	Resp:	63717
Ion Ratio	Lower	Upper	
244	100		
212	9.1	6.0	9.0#
122	18.9	11.2	16.8#





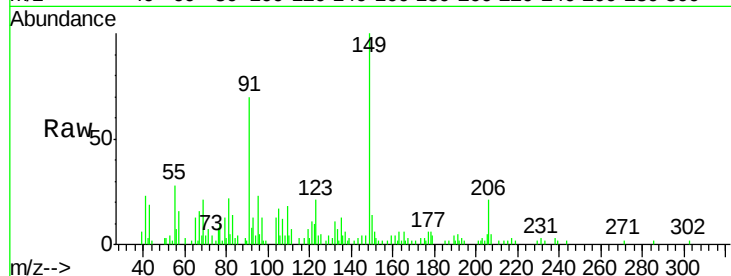
#79
Butylbenzylphthalate
Concen: 3.85 ng
RT: 13.25 min Scan# 1020
Delta R.T. -0.03 min
Lab File: BF089050.D
Acq: 16 Jul 2016 12:36

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB06(7-9ft)

Tot Ion	Ratio	Lower	Upper
149	100		
91	70.2	48.0	72.0
206	21.0	16.0	24.0

Manual Integrations

sohil
7/18/2016 7:36:29 PM

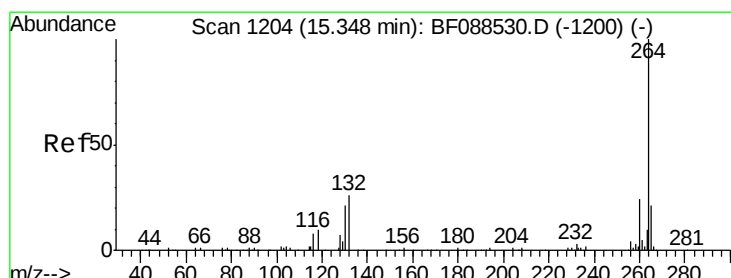
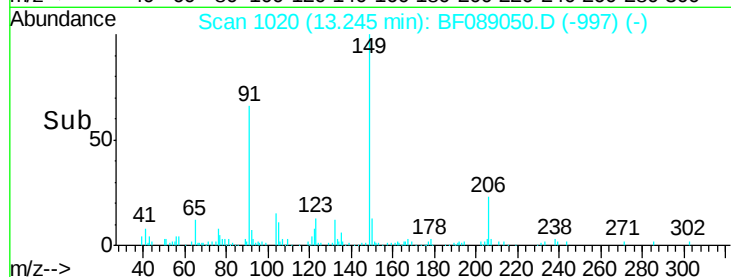
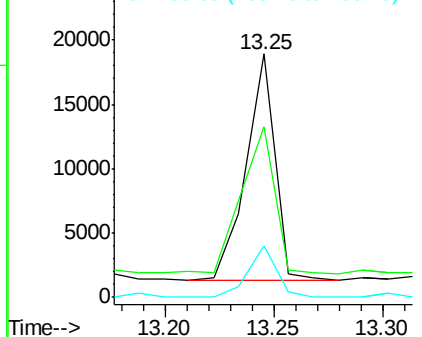


Abundance

Ion 149.00 (148.70 to 149.70): E

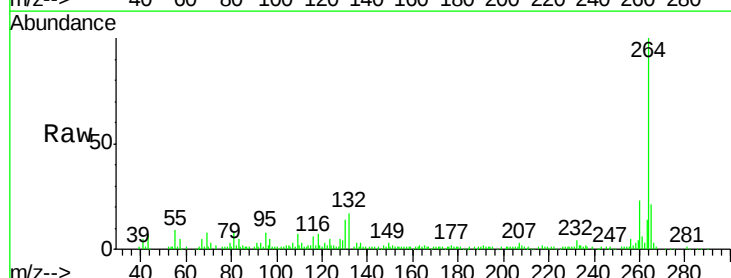
Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.18 min Scan# 1189
Delta R.T. -0.03 min
Lab File: BF089050.D
Acq: 16 Jul 2016 12:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.5	16.9	25.3

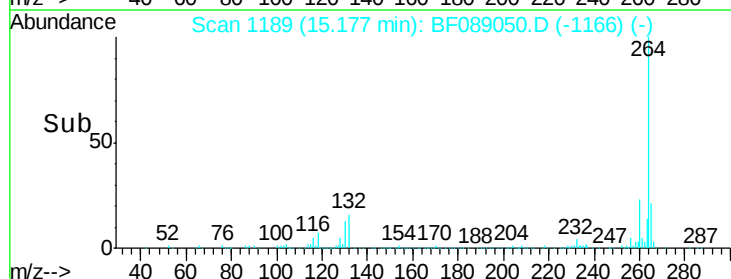
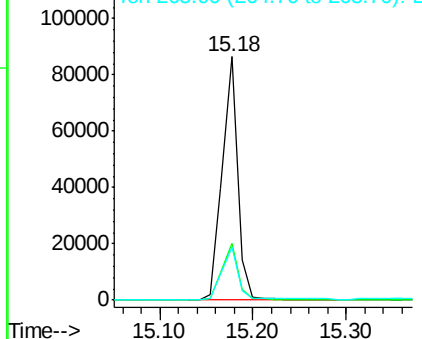


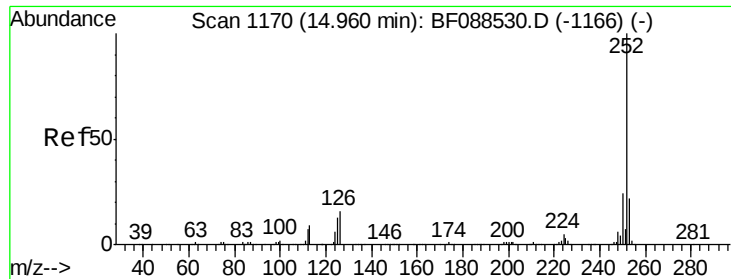
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





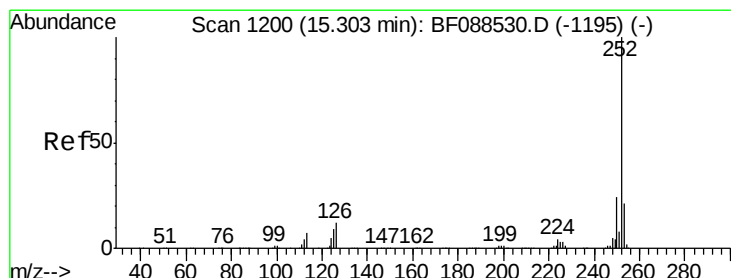
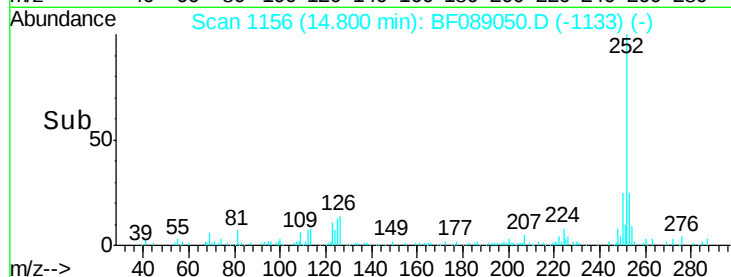
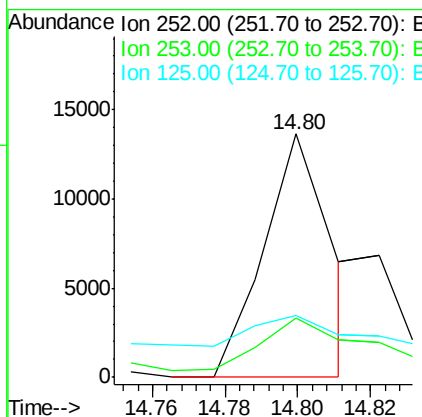
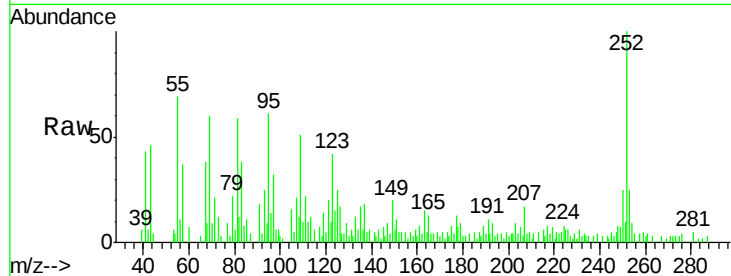
#87
Benzo(b)fluoranthene
Concen: 2.79 ng/mL
RT: 14.80 min Scan# 1156
Delta R.T. -0.03 min
Lab File: BF089050.D
Acq: 16 Jul 2016 12:36

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB06(7-9ft)

Tot Ion:	252	Resp:	17565
Ion Ratio	Lower	Upper	
252	100		
253	24.5	17.4	26.2
125	25.2	7.1	10.7#

Manual Integrations

sohil
7/18/2016 7:36:29 PM



#89
Benzo(a)pyrene
Concen: 2.22 ng/mL
RT: 15.12 min Scan# 1184
Delta R.T. -0.05 min
Lab File: BF089050.D
Acq: 16 Jul 2016 12:36

Tgt Ion:	252	Resp:	11794
Ion Ratio	Lower	Upper	
252	100		
253	25.1	17.9	26.9
125	24.6	12.5	18.7#

