

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090716\
 Data File : BF090020.D
 Acq On : 7 Sep 2016 22:27
 Operator : UM/SJ
 Sample : H4686-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-004

Manual Integrations
 APPROVED

sohil
 9/8/2016 12:50:04 PM

Quant Time: Sep 08 08:15:17 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 13:29:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	199530	20.00	ng	-0.02
21) Naphthalene-d8	7.91	136	774162	20.00	ng	-0.02
38) Acenaphthene-d10	9.64	164	342820	20.00	ng	-0.02
63) Phenanthrene-d10	11.12	188	595016	20.00	ng	-0.02
75) Chrysene-d12	13.74	240	449177	20.00	ng	-0.02
86) Perylene-d12	15.09	264	329991	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1263243	101.34	ng	-0.01
7) Phenol-d6	6.27	99	1682365	111.07	ng	-0.01
23) Nitrobenzene-d5	7.19	82	946318	70.89	ng	-0.02
41) 2,4,6-Tribromophenol	10.43	330	312605	92.43	ng	-0.02
44) 2-Fluorobiphenyl	8.98	172	1527078	73.12	ng	-0.02
78) Terphenyl-d14	12.71	244	1233147	67.82	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.38	163	499082	20.14	ng	99
74) Fluoranthene	12.32	202	87942	2.83	ng	97
77) Pyrene	12.55	202	83904	2.65	ng	99
87) Benzo(b)fluoranthene	14.72	252	51425m	2.49	ng	

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

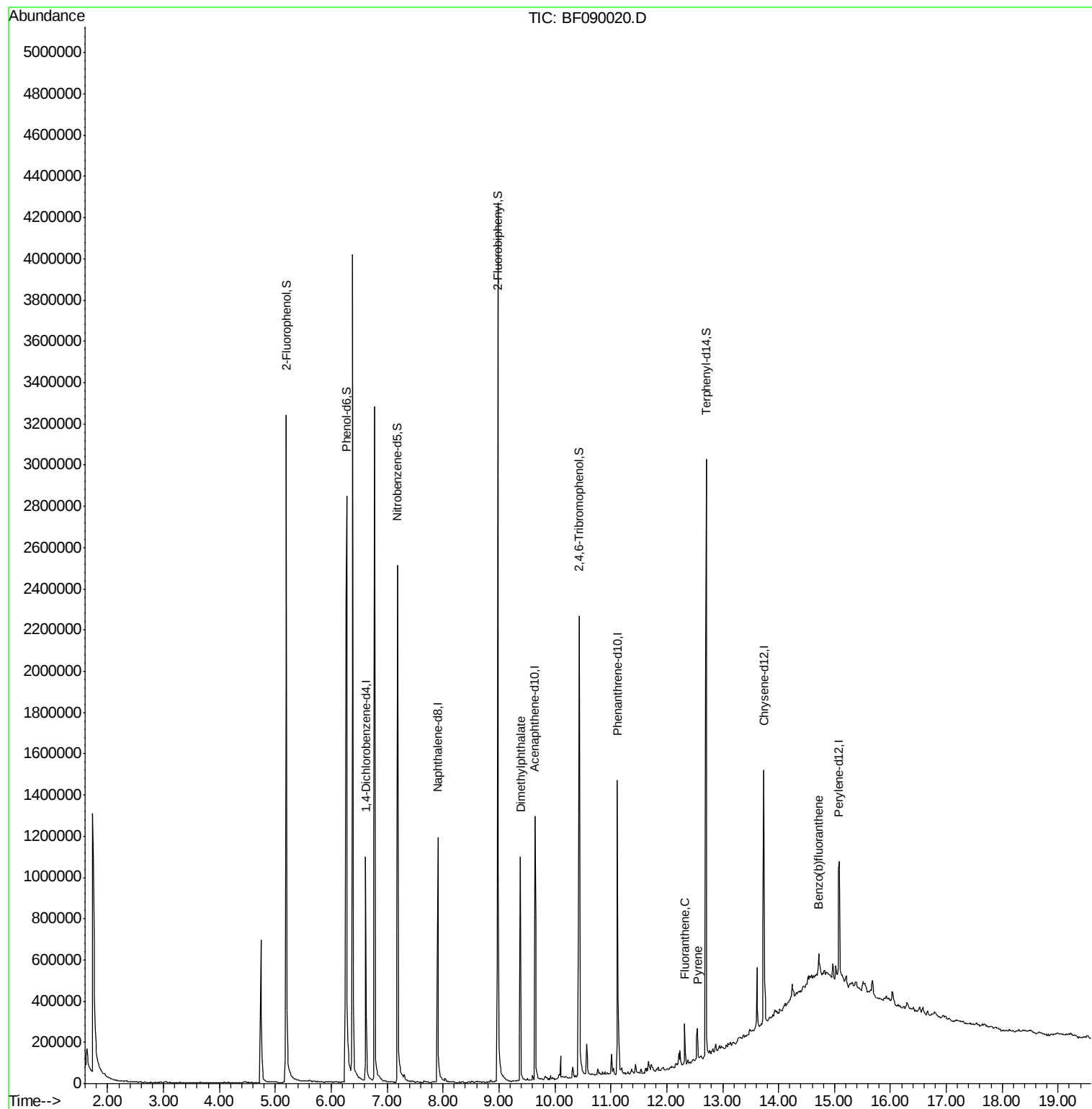
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090716\
Data File : BF090020.D
Acq On : 7 Sep 2016 22:27
Operator : UM/SJ
Sample : H4686-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

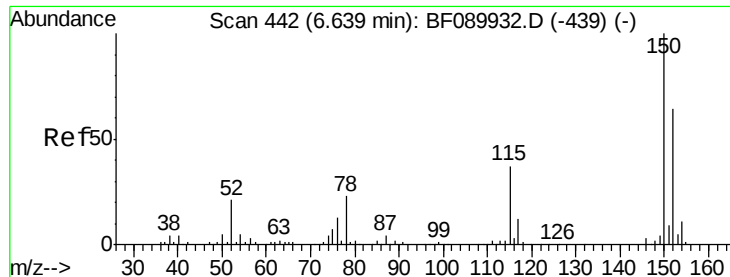
Instrument :
BNA_F
ClientSampleId :
SP-004

Manual Integrations
APPROVED

sohil
9/8/2016 12:50:04 PM

Quant Time: Sep 08 08:15:17 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 13:29:08 2016
Response via : Initial Calibration





#1

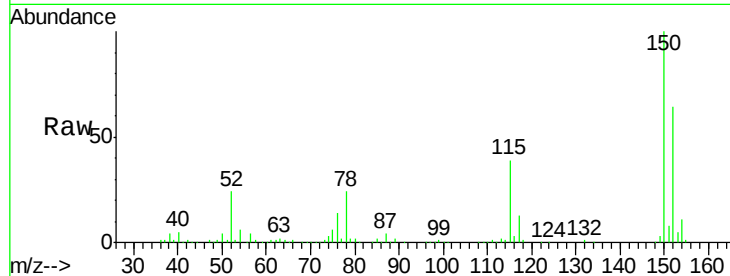
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 440
Delta R.T. -0.02 min
Lab File: BF090020.D
Acq: 7 Sep 2016 22:27

Instrument :
BNA_F
ClientSampled :
SP-004

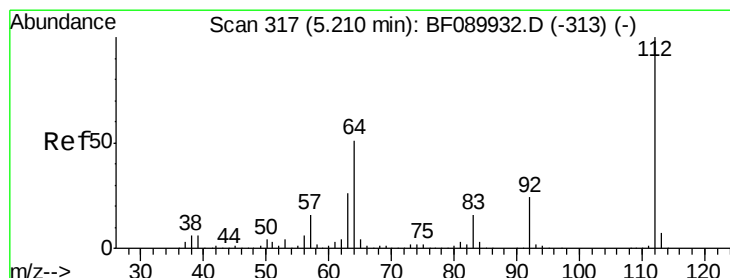
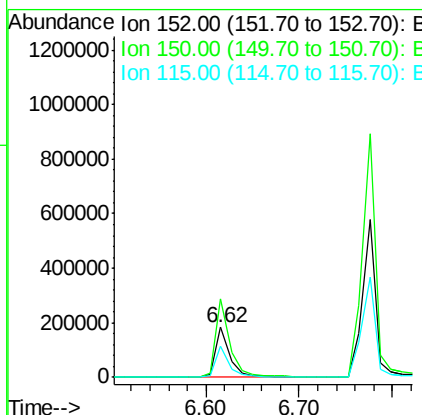
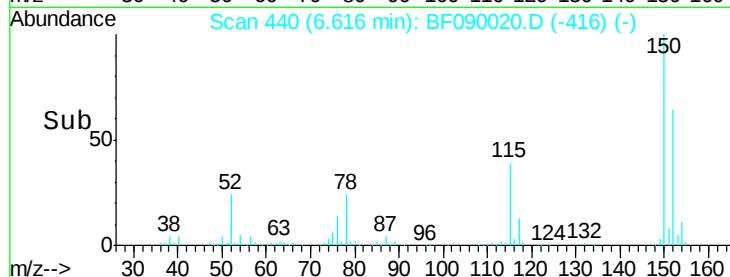
Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.9	127.4	191.2
115	61.1	46.3	69.5

Manual Integrations
APPROVED

sohil
9/8/2016 12:50:04 PM



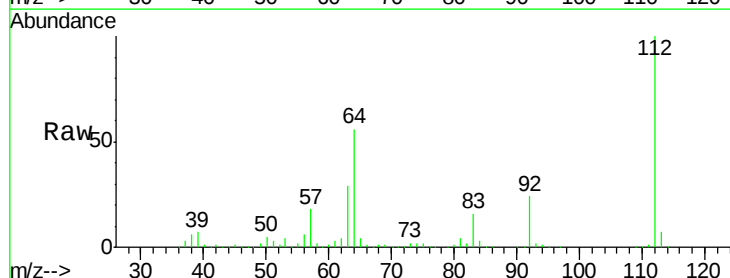
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



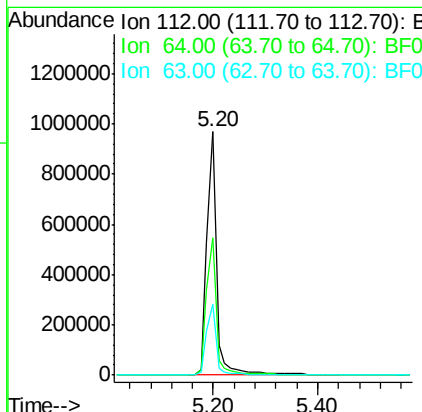
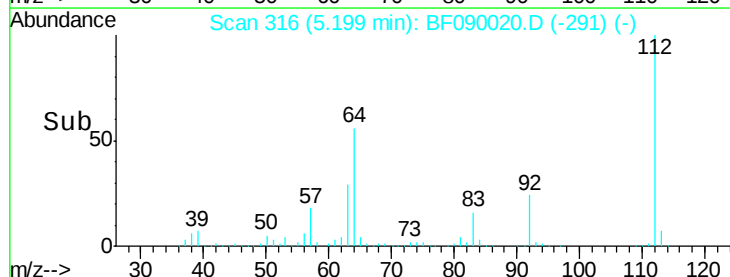
#5

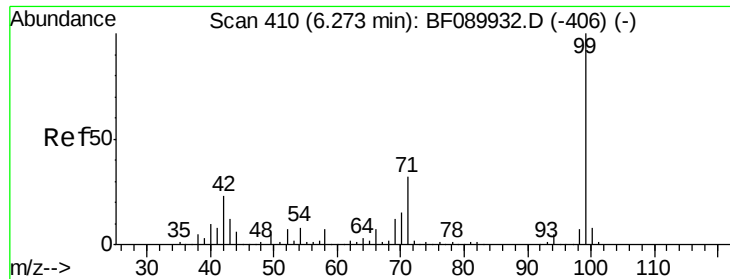
2-Fluorophenol
Concen: 101.34 ng
RT: 5.20 min Scan# 316
Delta R.T. -0.01 min
Lab File: BF090020.D
Acq: 7 Sep 2016 22:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.3	41.1	61.7
63	29.3	21.2	31.8



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: 111.07 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF090020.D

Acq: 7 Sep 2016 22:27

Instrument :

BNA_F

ClientSampled :

SP-004

Tgt Ion: 99 Resp: 1682365

Ion Ratio Lower Upper

99 100

42 18.3 18.6 27.8#

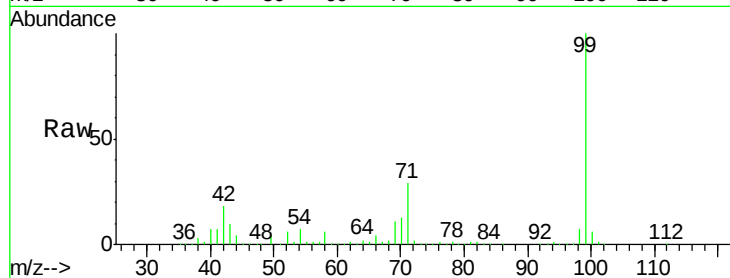
71 29.1 25.8 38.6

Manual Integrations

APPROVED

sohil

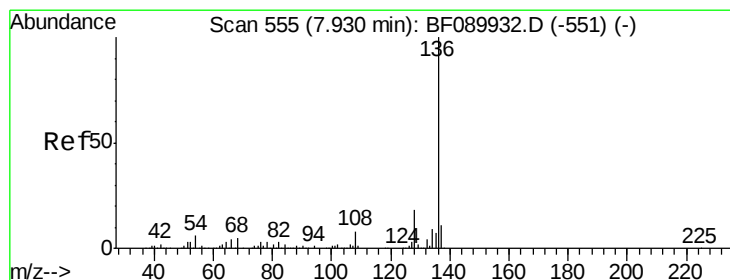
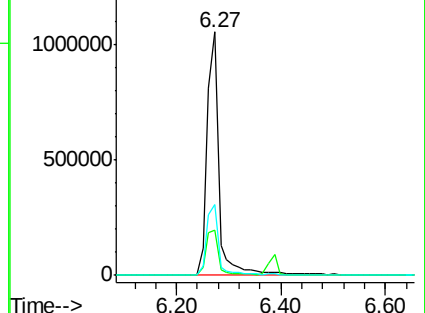
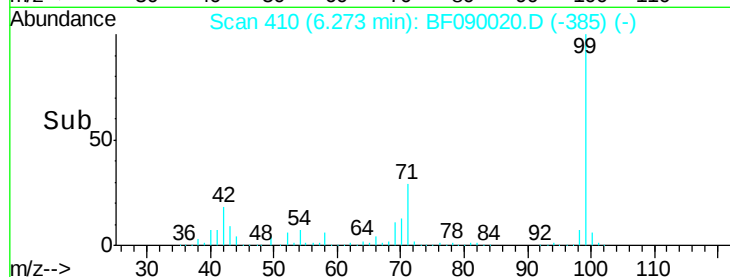
9/8/2016 12:50:04 PM



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 553

Delta R.T. -0.02 min

Lab File: BF090020.D

Acq: 7 Sep 2016 22:27

Tgt Ion: 136 Resp: 774162

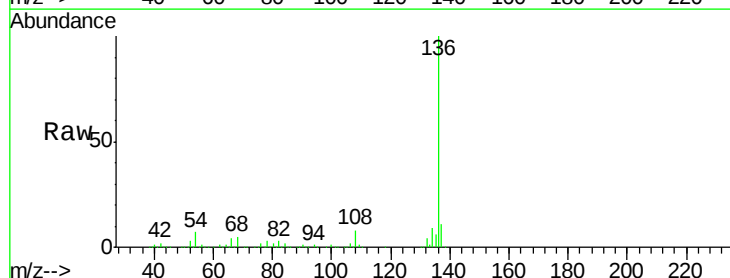
Ion Ratio Lower Upper

136 100

137 10.9 8.3 12.5

54 6.7 4.8 7.2

68 4.8 3.7 5.5

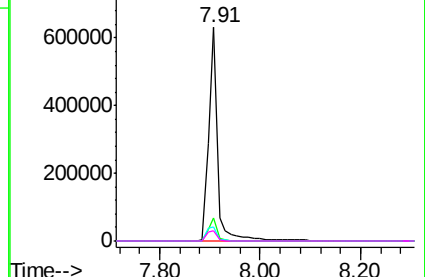
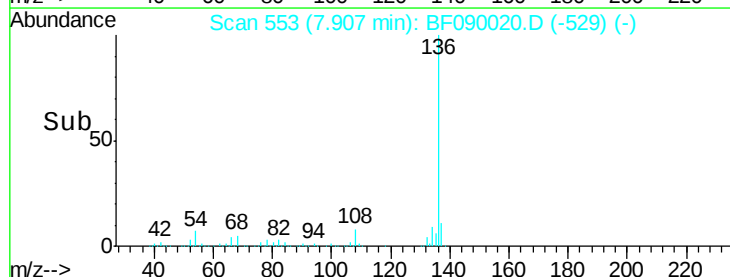


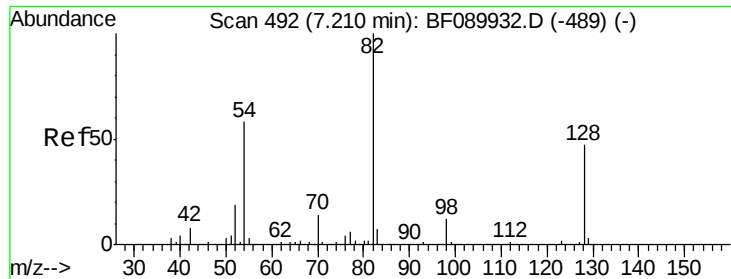
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





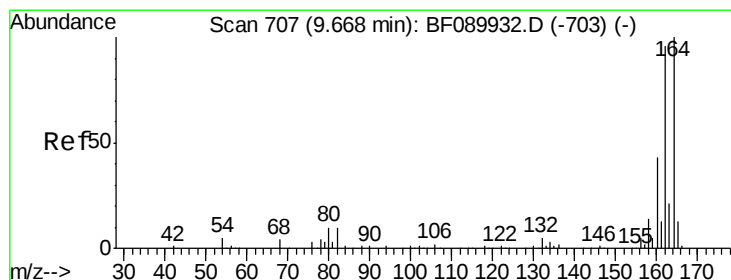
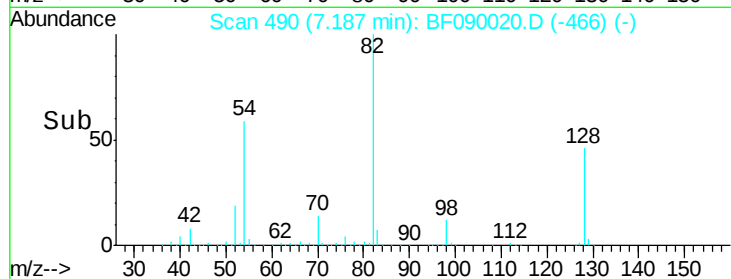
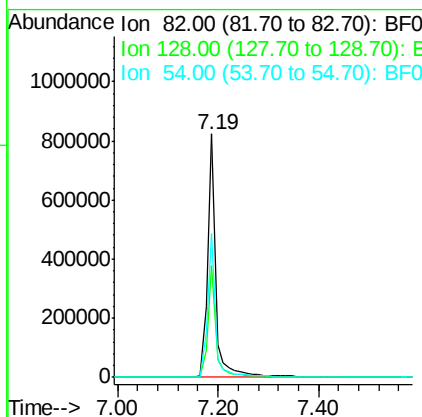
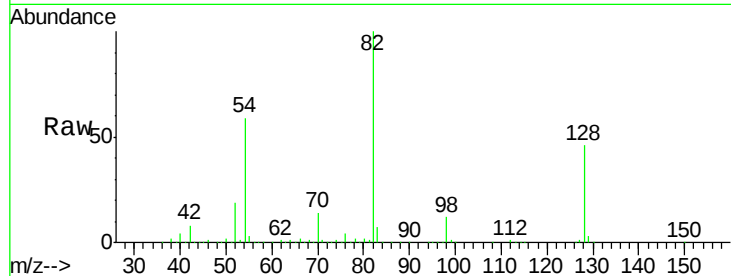
#23
 Nitrobenzene-d5
 Concen: 70.89 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.02 min
 Lab File: BF090020.D
 Acq: 7 Sep 2016 22:27

Instrument :
 BNA_F
 ClientSampled :
 SP-004

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.9	37.8	56.8
54	59.1	46.9	70.3

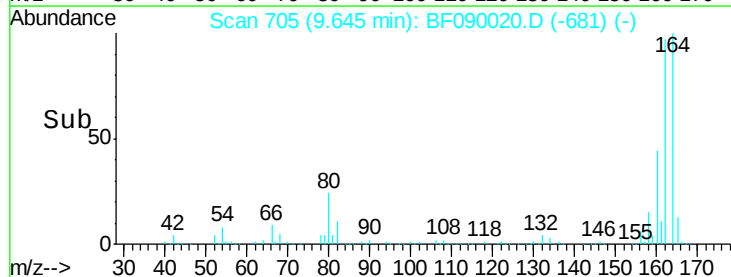
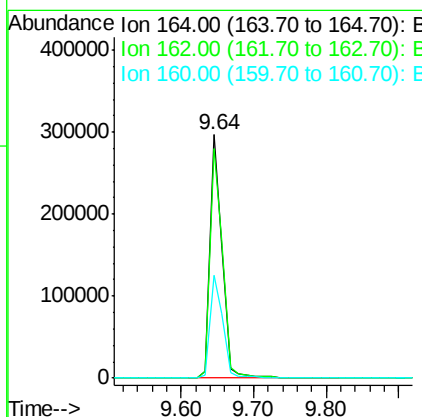
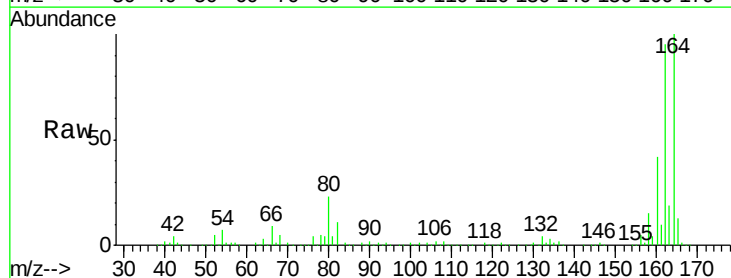
Manual Integrations
 APPROVED

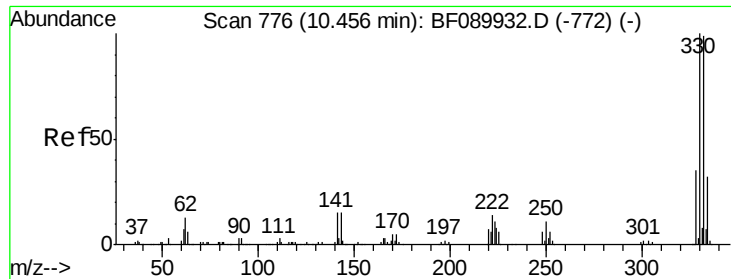
sohil
 9/8/2016 12:50:04 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.02 min
 Lab File: BF090020.D
 Acq: 7 Sep 2016 22:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	94.5	77.1	115.7
160	42.2	35.3	52.9





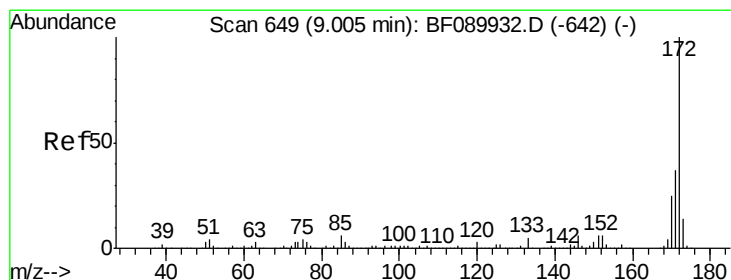
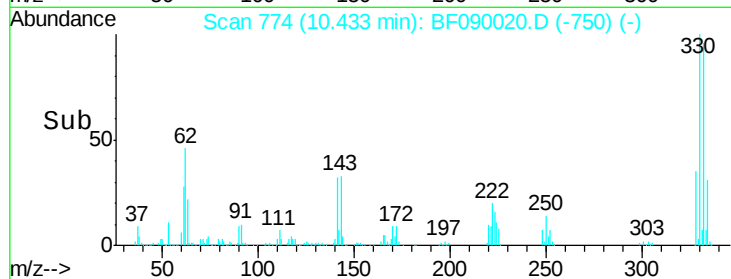
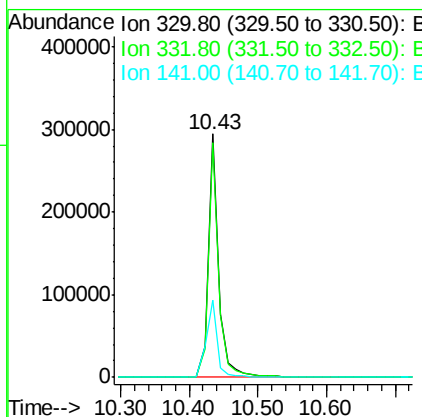
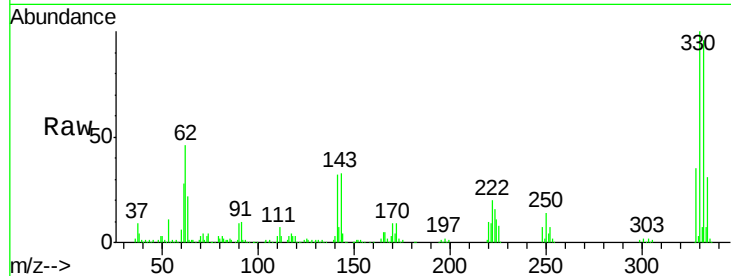
#41
 2,4,6-Tribromophenol
 Concen: 92.43 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.02 min
 Lab File: BF090020.D
 Acq: 7 Sep 2016 22:27

Instrument :
 BNA_F
 ClientSampled :
 SP-004

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	312605		
332	96.2	78.6	117.8	
141	34.5	23.3	34.9	

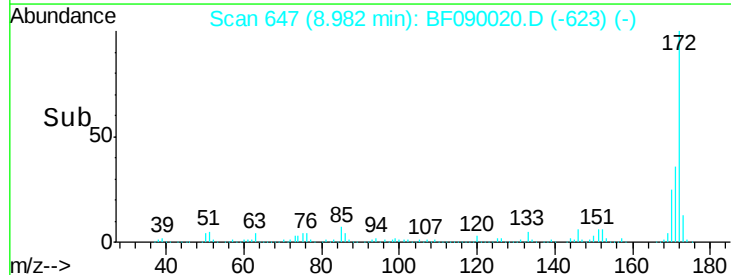
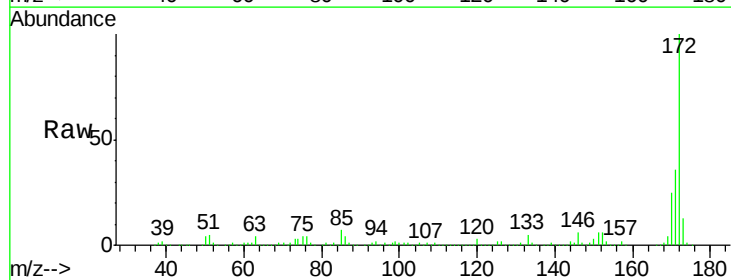
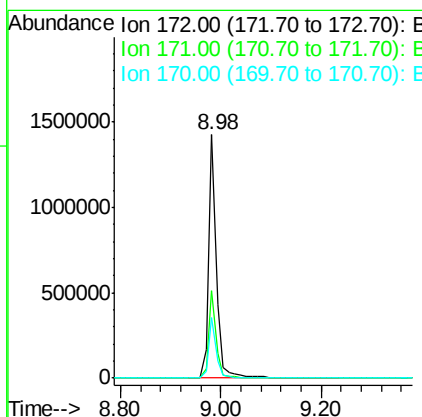
Manual Integrations
 APPROVED

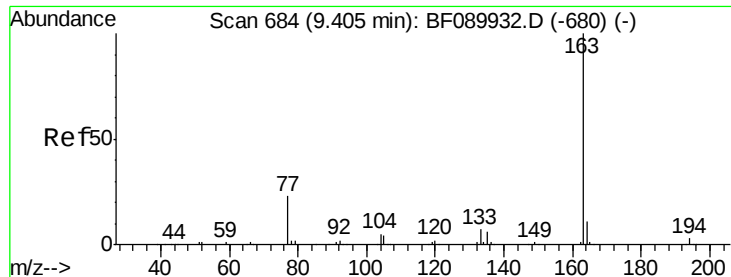
sohil
 9/8/2016 12:50:04 PM



#44
 2-Fluorobiphenyl
 Concen: 73.12 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.02 min
 Lab File: BF090020.D
 Acq: 7 Sep 2016 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1527078		
171	36.1	29.4	44.2	
170	24.8	20.1	30.1	





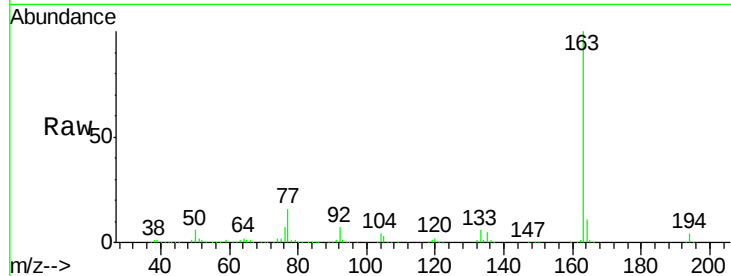
#49
Dimethylphthalate
Concen: 20.14 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.03 min
Lab File: BF090020.D
Acq: 7 Sep 2016 22:27

Instrument :
BNA_F
ClientSampled :
SP-004

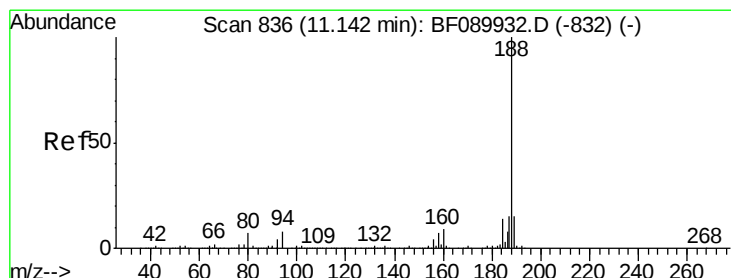
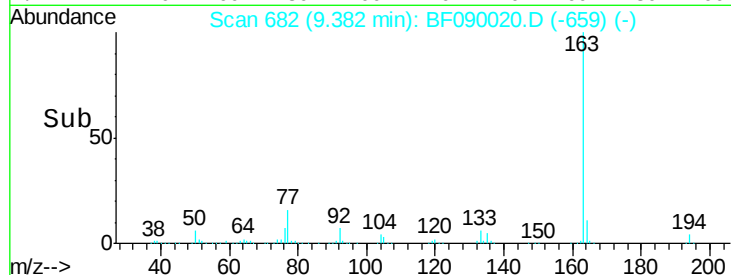
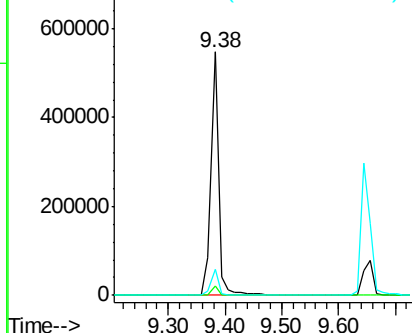
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	499082		
194	3.8	2.7	4.1	
164	10.8	9.0	13.4	

Manual Integrations
APPROVED

sohil
9/8/2016 12:50:04 PM

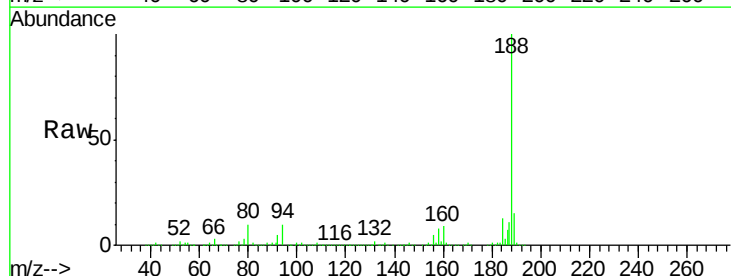


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

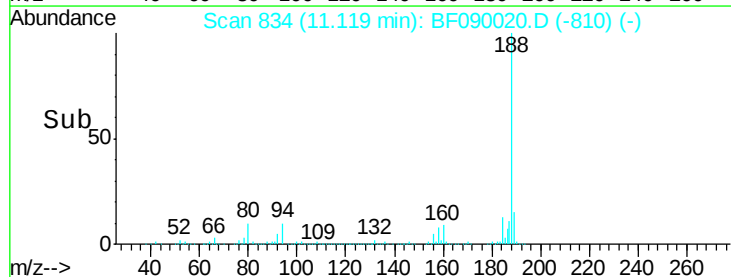
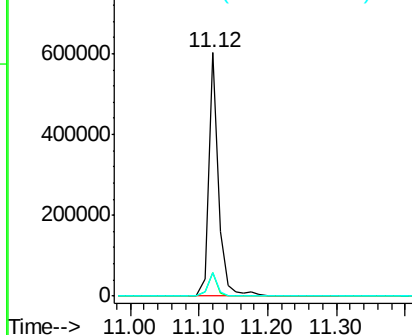


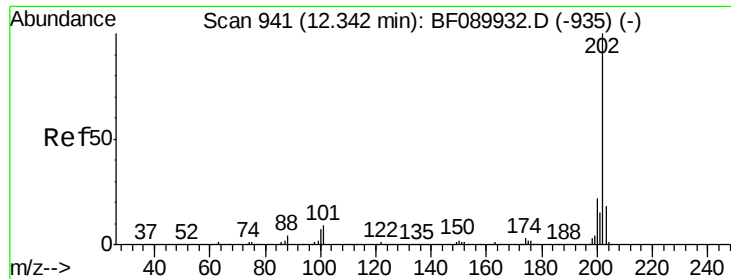
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.02 min
Lab File: BF090020.D
Acq: 7 Sep 2016 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	595016		
94	9.8	5.9	8.9#	
80	9.9	5.8	8.8#	



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: 2.83 ng

RT: 12.32 min Scan# 939

Delta R.T. -0.02 min

Lab File: BF090020.D

Acq: 7 Sep 2016 22:27

Instrument :

BNA_F

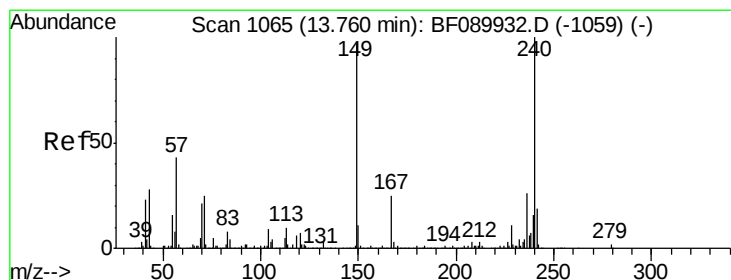
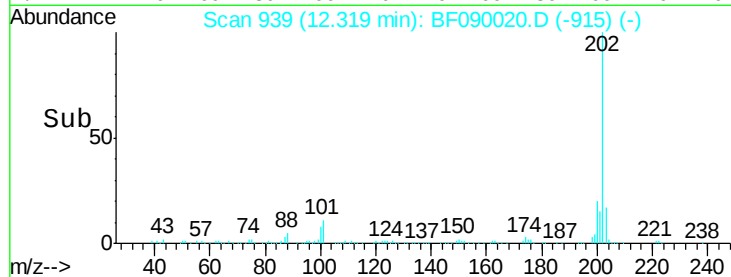
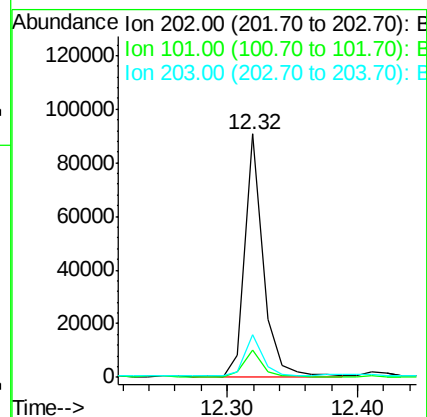
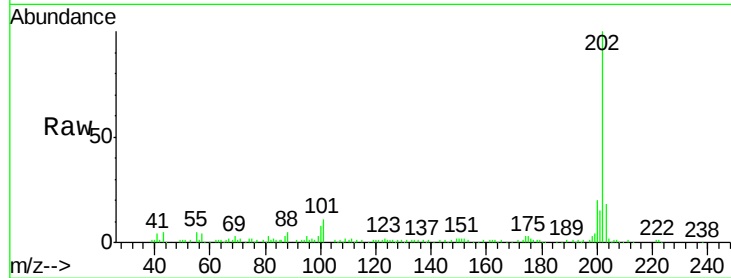
ClientSampleId :

SP-004

Tgt Ion:	202	Resp:	87942
Ion Ratio	Lower	Upper	
202	100		
101	11.0	0.0	28.5
203	17.7	0.0	38.0

Manual Integrations
APPROVED

sohil
9/8/2016 12:50:04 PM



#75

Chrysene-d12

Concen: 20.00 ng

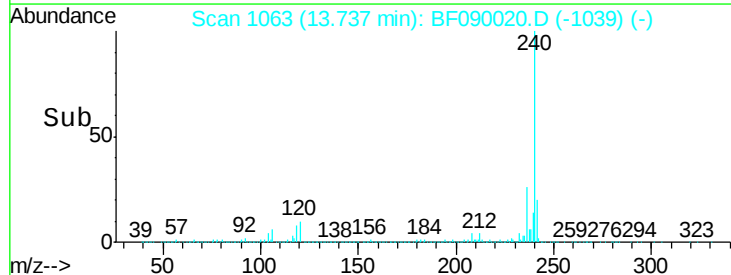
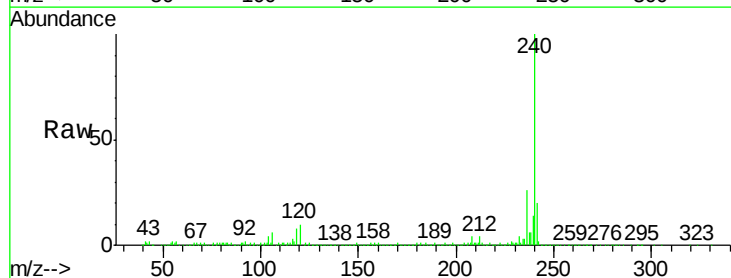
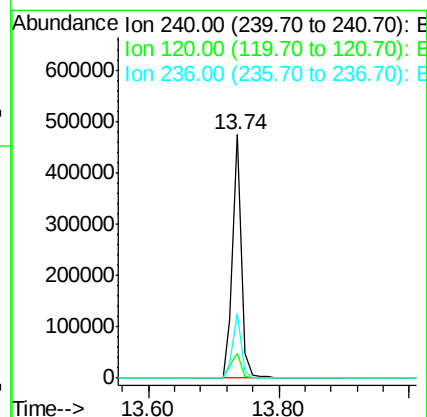
RT: 13.74 min Scan# 1063

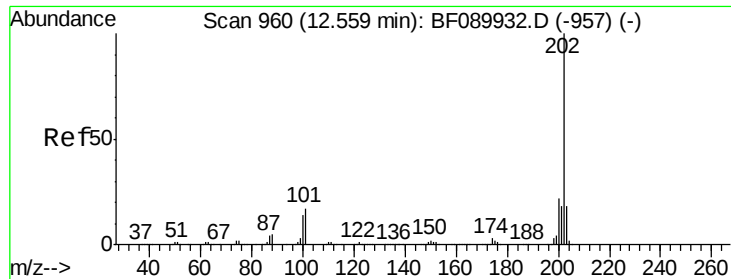
Delta R.T. -0.02 min

Lab File: BF090020.D

Acq: 7 Sep 2016 22:27

Tgt Ion:	240	Resp:	449177
Ion Ratio	Lower	Upper	
240	100		
120	10.3	5.7	8.5#
236	26.3	21.3	31.9





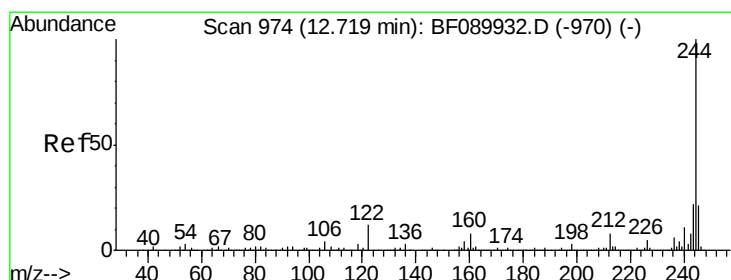
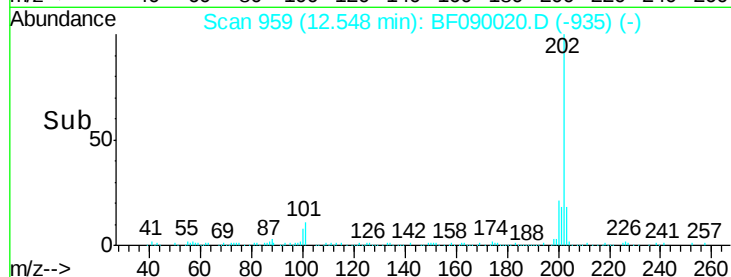
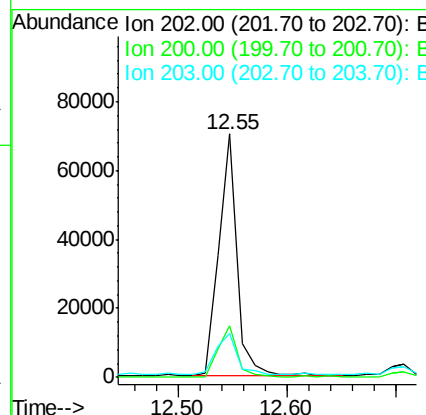
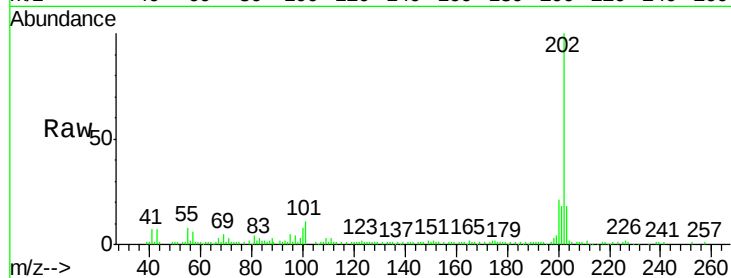
#77
 Pyrene
 Concen: 2.65 ng
 RT: 12.55 min Scan# 959
 Delta R.T. -0.02 min
 Lab File: BF090020.D
 Acq: 7 Sep 2016 22:27

Instrument :
 BNA_F
 ClientSampleId :
 SP-004

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.6	26.4
203	18.2	14.6	21.8

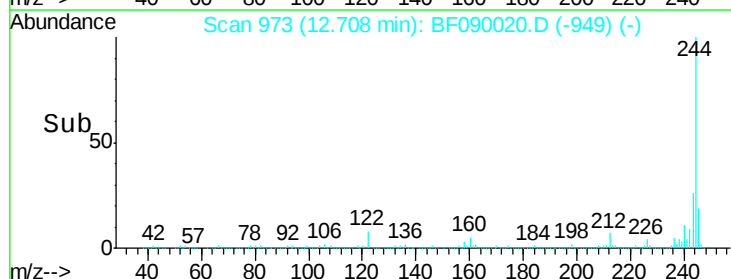
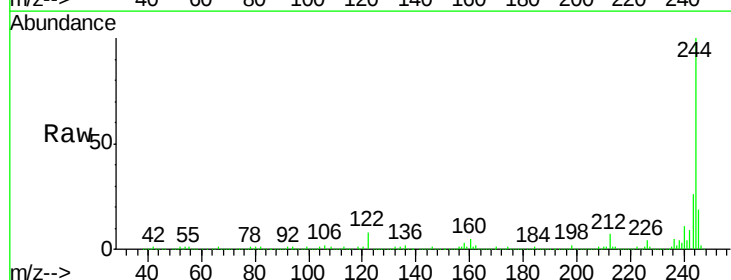
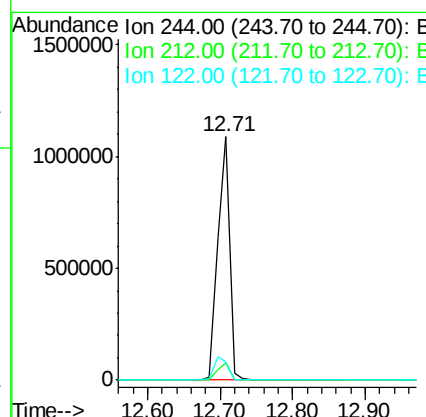
Manual Integrations
 APPROVED

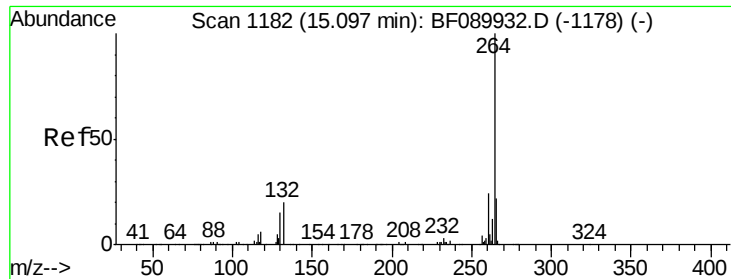
sohil
 9/8/2016 12:50:04 PM



#78
 Terphenyl-d14
 Concen: 67.82 ng
 RT: 12.71 min Scan# 973
 Delta R.T. -0.02 min
 Lab File: BF090020.D
 Acq: 7 Sep 2016 22:27

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.1	9.1
122	7.5	9.6	14.4





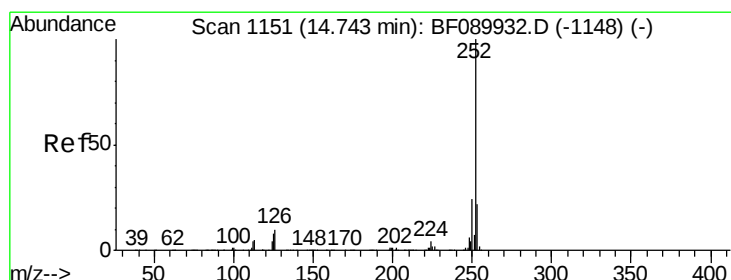
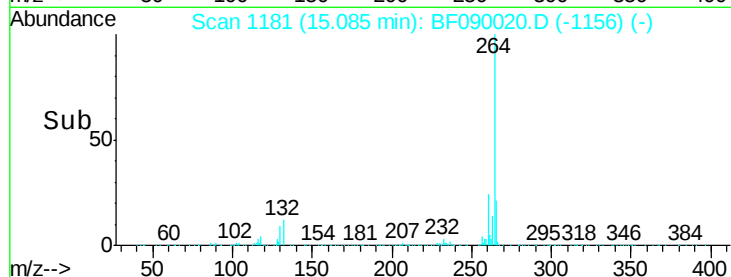
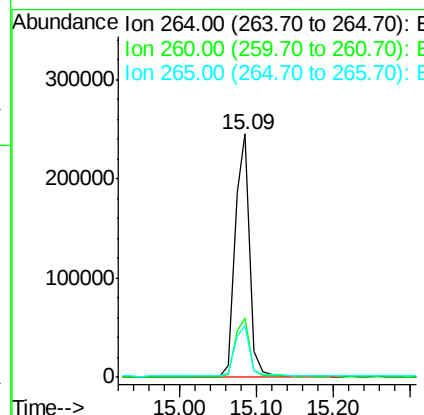
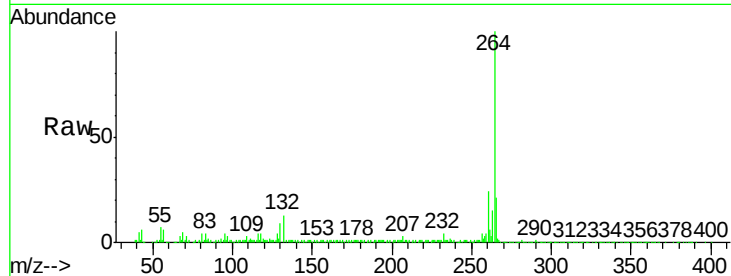
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.09 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF090020.D
Acq: 7 Sep 2016 22:27

Instrument :
BNA_F
ClientSampled :
SP-004

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.3	19.4	29.0
265	21.1	17.4	26.2

Manual Integrations
APPROVED

sohil
9/8/2016 12:50:04 PM



#87
Benzo(b)fluoranthene
Concen: 2.49 ng m
RT: 14.72 min Scan# 1149
Delta R.T. -0.02 min
Lab File: BF090020.D
Acq: 7 Sep 2016 22:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	27.9	18.0	27.0#
125	20.3	5.7	8.5#

