

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
 Data File : BF085182.D
 Acq On : 4 Mar 2016 3:17
 Operator : SJ/UM
 Sample : H1648-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-49(COMP)

Manual Integrations
 APPROVED

Sohil
 3/4/2016 4:36:42 PM

Quant Time: Mar 04 04:34:46 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	145600	20.00	ng	-0.01
21) Naphthalene-d8	8.26	136	637328	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	266393	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	496130	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	319211	20.00	ng	-0.01
86) Perylene-d12	15.60	264	274403	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1197192	137.92	ng	0.01
7) Phenol-d6	6.60	99	1549703	136.27	ng	-0.01
23) Nitrobenzene-d5	7.54	82	1012844	85.04	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	296661	130.15	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	1285433	73.38	ng	-0.01
78) Terphenyl-d14	13.09	244	1037605	75.46	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.73	163	264046	12.91	ng	99
70) Phenanthrene	11.52	178	138199	5.32	ng	96
74) Fluoranthene	12.71	202	179291	6.87	ng	97
77) Pyrene	12.94	202	158189	6.58	ng	96
80) Benzo(a)anthracene	14.13	228	59651m	3.12	ng	
82) Chrysene	14.16	228	53707m	3.04	ng	
83) Bis(2-ethylhexyl)phthalate	14.12	149	29351	2.05	ng	98
87) Benzo(b)fluoranthene	15.18	252	62254m	3.40	ng	
89) Benzo(a)pyrene	15.55	252	44405	2.93	ng	# 95
91) Benzo(g,h,i)perylene	17.51	276	32266	2.48	ng	95

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

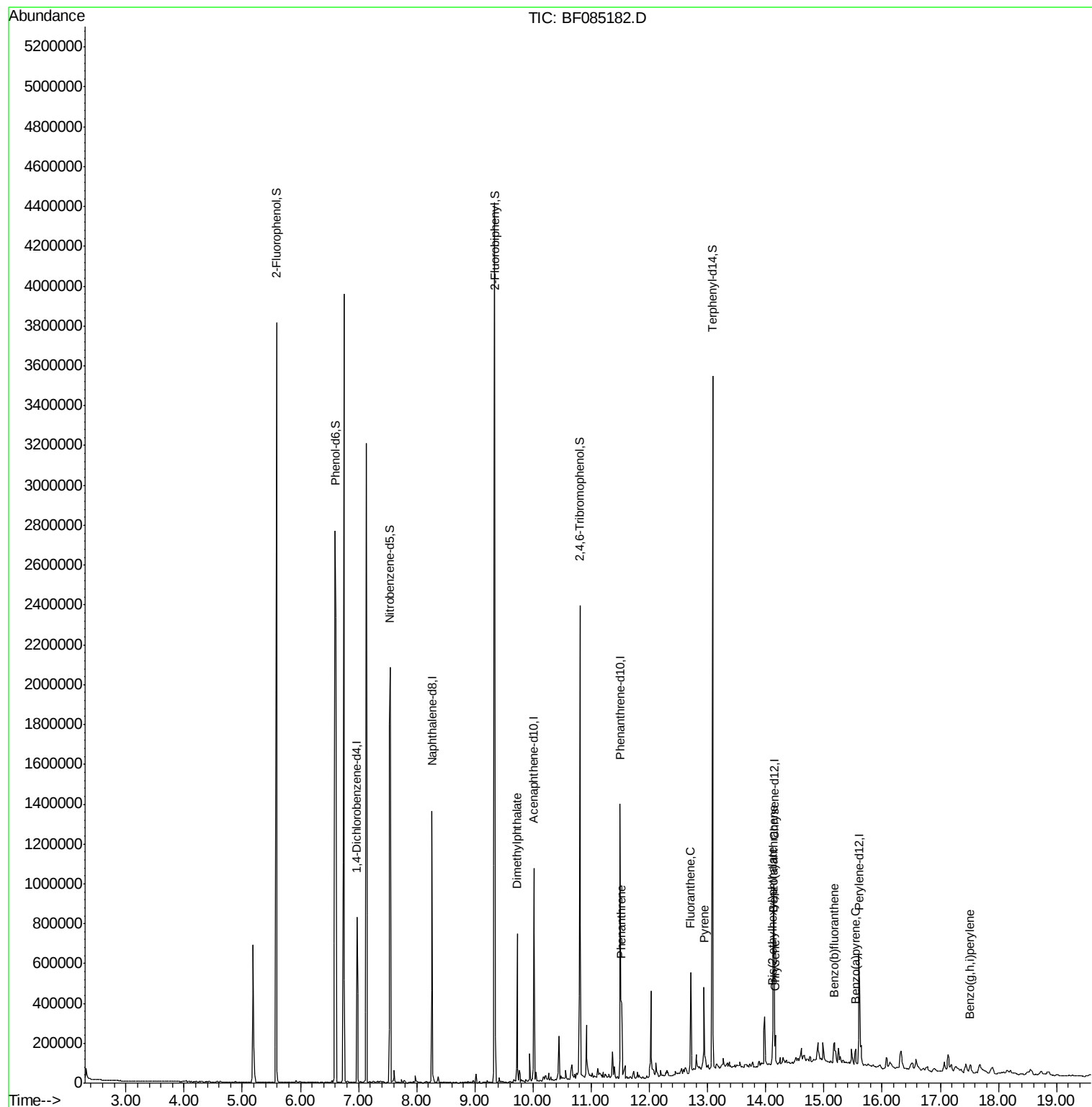
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085182.D
Acq On : 4 Mar 2016 3:17
Operator : SJ/UM
Sample : H1648-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

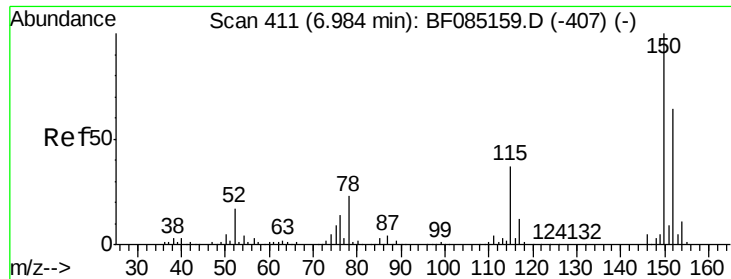
Instrument :
BNA_F
ClientSampleId :
SB-49(COMP)

Manual Integrations
APPROVED

Sohil
3/4/2016 4:36:42 PM

Quant Time: Mar 04 04:34:46 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration





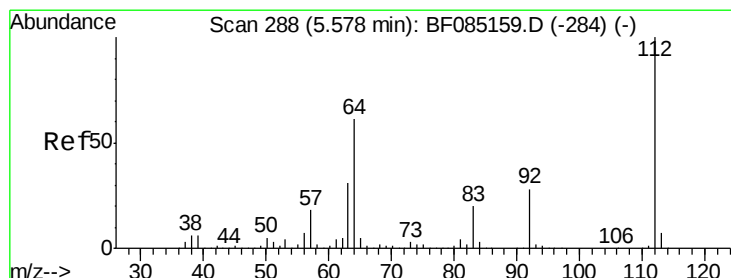
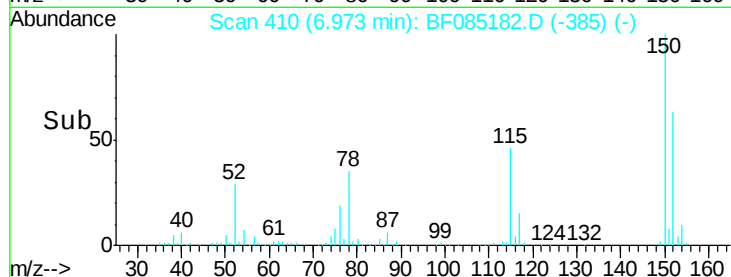
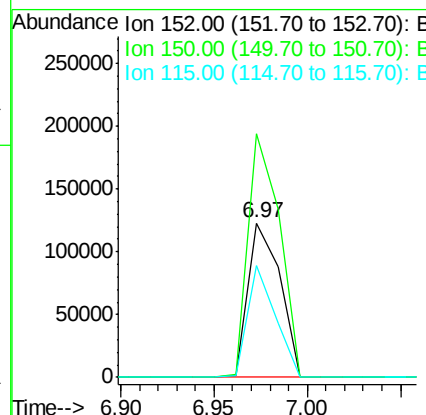
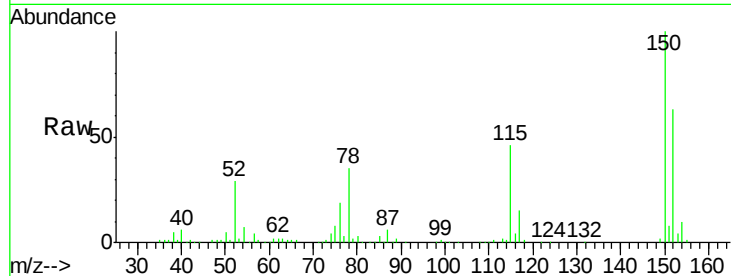
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.97 min Scan# 410
 Delta R.T. -0.01 min
 Lab File: BF085182.D
 Acq: 4 Mar 2016 3:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-49(COMP)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.6	186.8
115	72.7	46.6	70.0

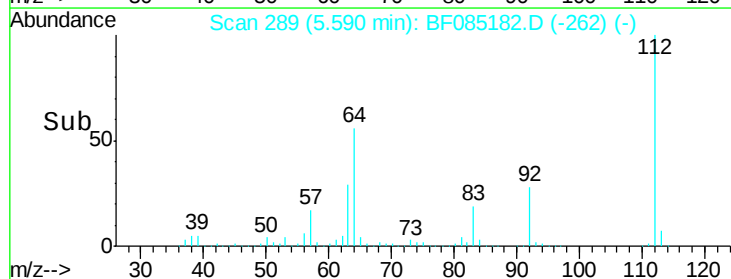
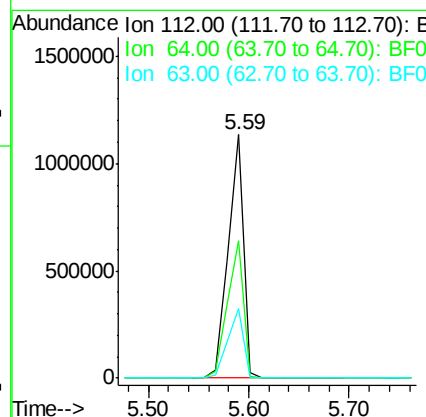
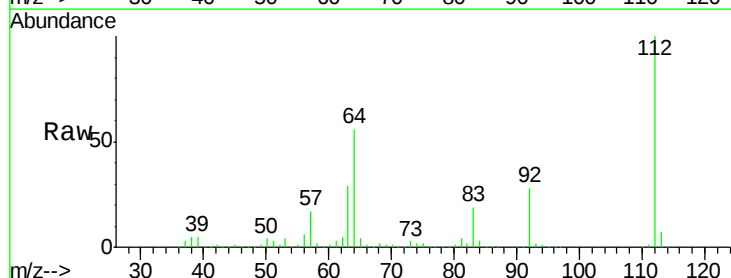
Manual Integrations
 APPROVED

Sohil
 3/4/2016 4:36:42 PM



#5
 2-Fluorophenol
 Concen: 137.92 ng
 RT: 5.59 min Scan# 289
 Delta R.T. 0.01 min
 Lab File: BF085182.D
 Acq: 4 Mar 2016 3:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.5	49.0	73.4
63	28.7	24.8	37.2





#7

Phenol-d6

Concen: 136.27 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF085182.D

Acq: 4 Mar 2016 3:17

Instrument :

BNA_F

ClientSampleId :

SB-49(COMP)

Tgt Ion: 99 Resp: 1549703

Ion Ratio Lower Upper

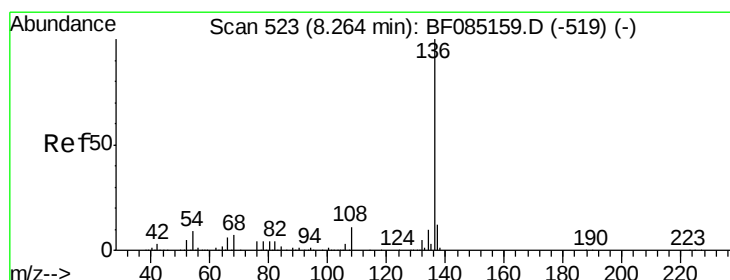
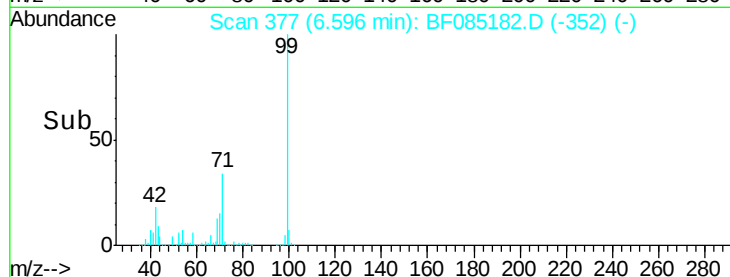
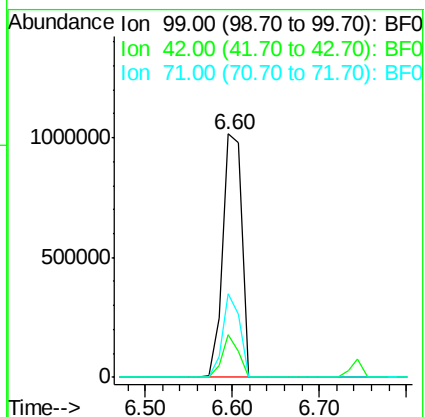
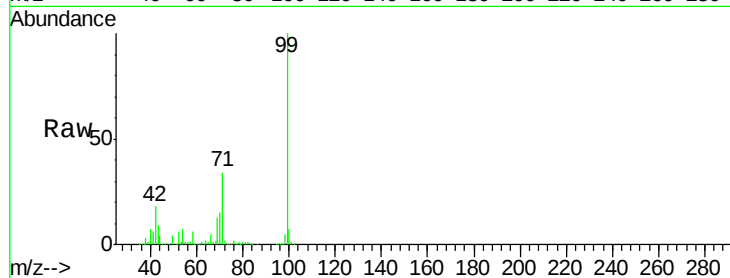
99 100

42 17.5 13.6 20.4

71 34.1 26.7 40.1

Manual Integrations
APPROVED

Sohil
3/4/2016 4:36:42 PM



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.26 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF085182.D

Acq: 4 Mar 2016 3:17

Tgt Ion: 136 Resp: 637328

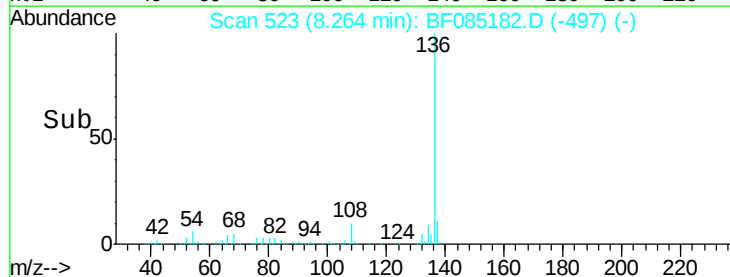
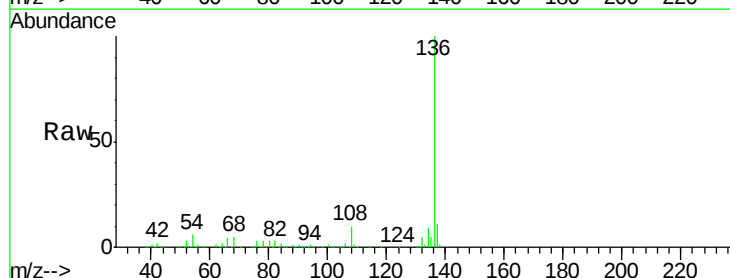
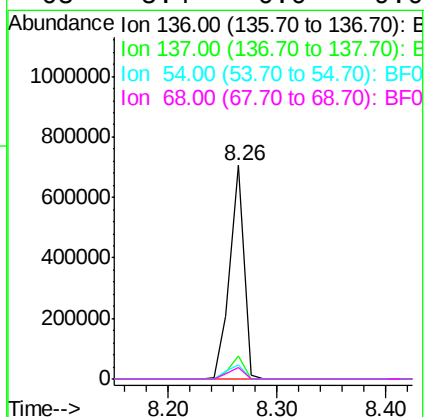
Ion Ratio Lower Upper

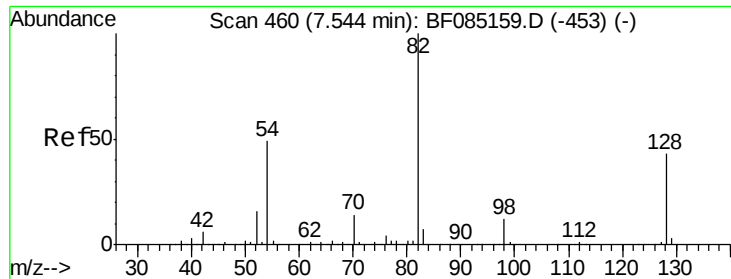
136 100

137 11.1 9.3 13.9

54 6.4 7.4 11.2#

68 5.4 6.0 9.0#





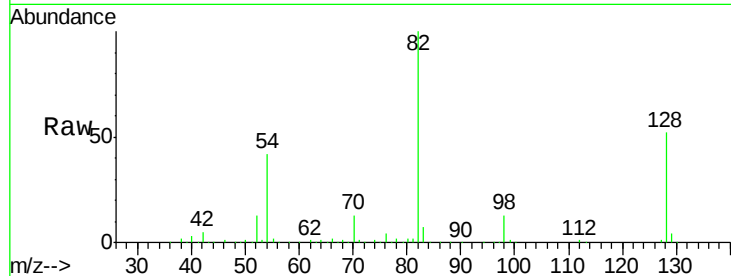
#23
 Nitrobenzene-d5
 Concen: 85.04 ng
 RT: 7.54 min Scan# 460
 Delta R.T. 0.00 min
 Lab File: BF085182.D
 Acq: 4 Mar 2016 3:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-49(COMP)

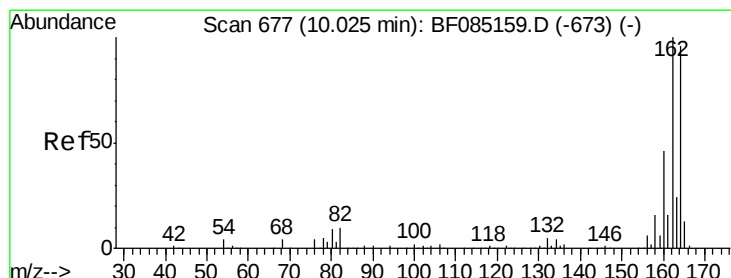
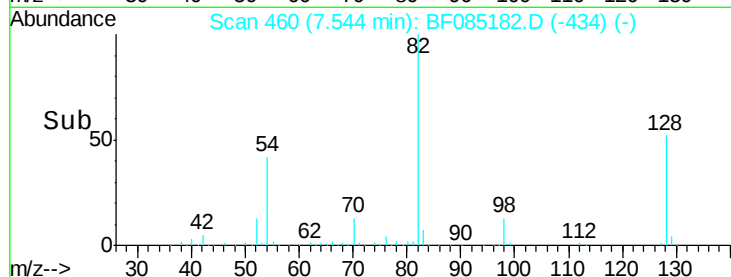
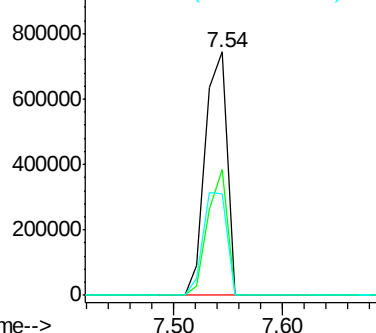
Tgt Ion: 82 Resp: 1012844
 Ion Ratio Lower Upper
 82 100
 128 51.9 34.5 51.7#
 54 41.5 39.3 58.9

Manual Integrations
 APPROVED

Sohil
 3/4/2016 4:36:42 PM



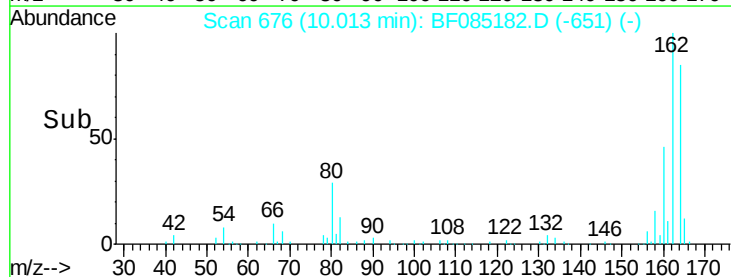
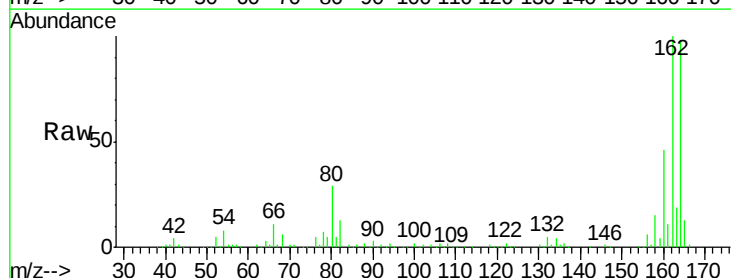
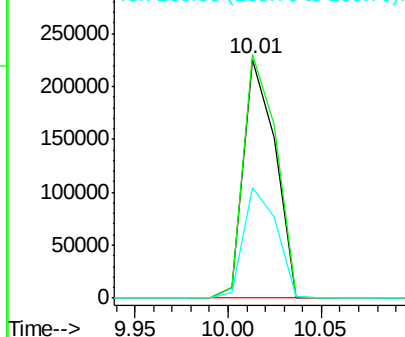
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.01 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF085182.D
 Acq: 4 Mar 2016 3:17

Tgt Ion: 164 Resp: 266393
 Ion Ratio Lower Upper
 164 100
 162 101.9 83.3 124.9
 160 46.4 37.9 56.9

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





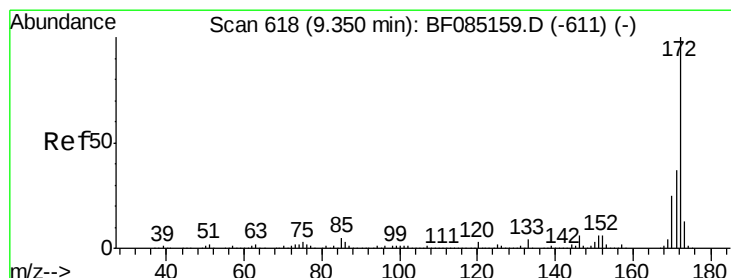
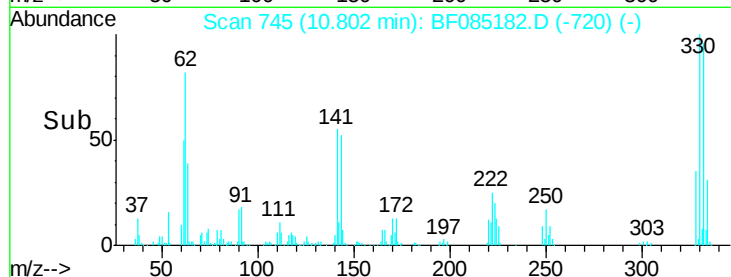
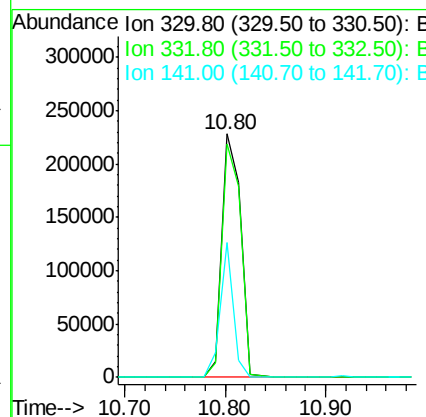
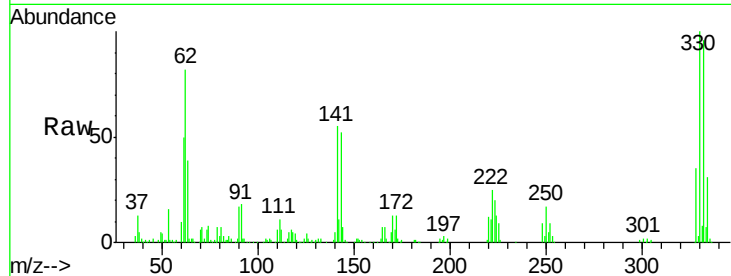
#41
 2,4,6-Tribromophenol
 Concen: 130.15 ng
 RT: 10.80 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF085182.D
 Acq: 4 Mar 2016 3:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-49(COMP)

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	296661		
332	96.5	77.1	115.7	
141	39.4	35.0	52.6	

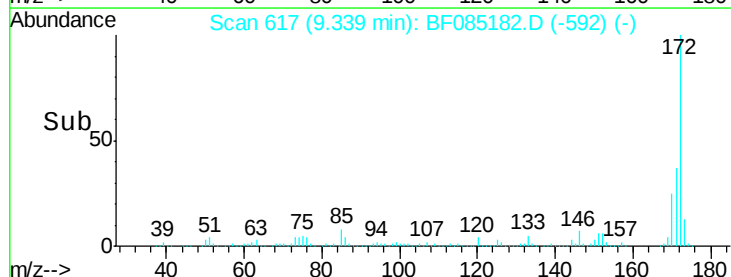
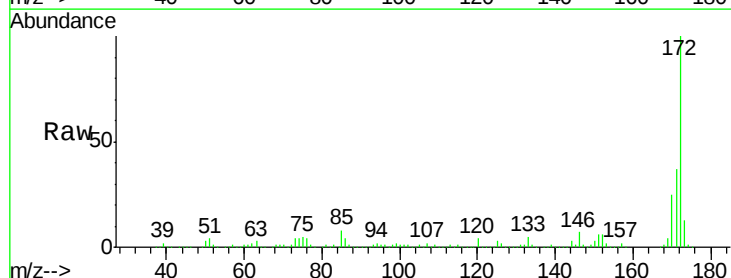
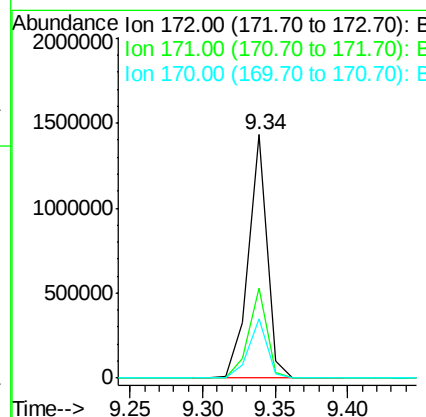
Manual Integrations
 APPROVED

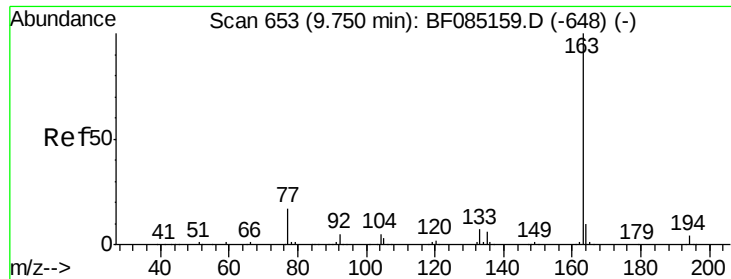
Sohil
 3/4/2016 4:36:42 PM



#44
 2-Fluorobiphenyl
 Concen: 73.38 ng
 RT: 9.34 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF085182.D
 Acq: 4 Mar 2016 3:17

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1285433		
171	36.8	29.3	43.9	
170	24.6	20.0	30.0	





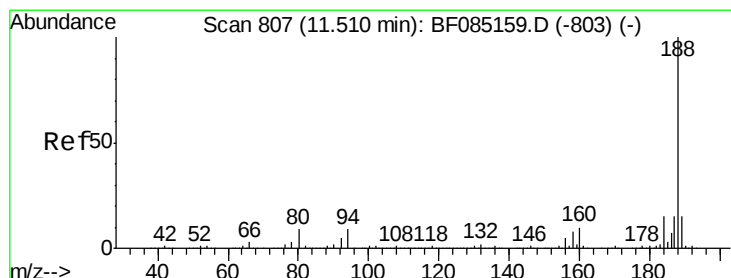
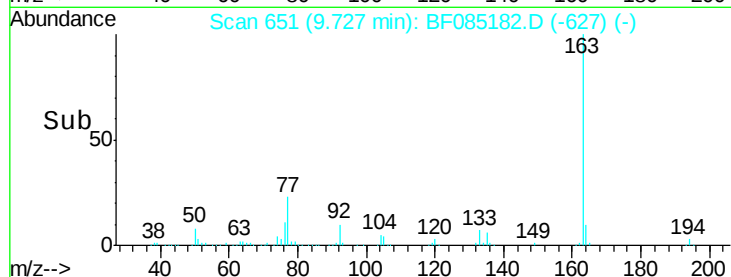
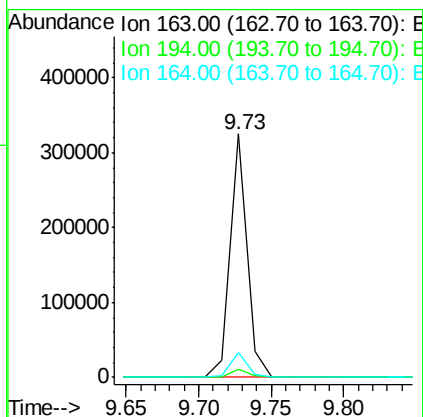
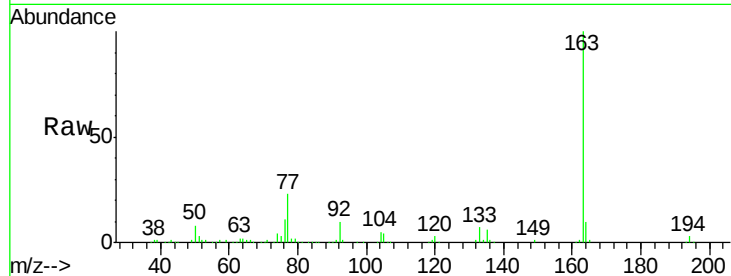
#49
Dimethylphthalate
Concen: 12.91 ng
RT: 9.73 min Scan# 651
Delta R.T. -0.02 min
Lab File: BF085182.D
Acq: 4 Mar 2016 3:17

Instrument :
BNA_F
ClientSampleId :
SB-49(COMP)

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.3	3.1	4.7
164	10.1	8.2	12.4

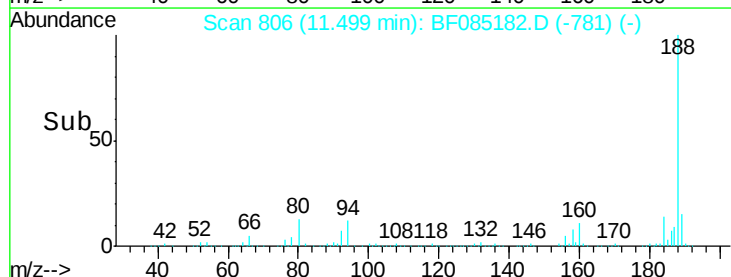
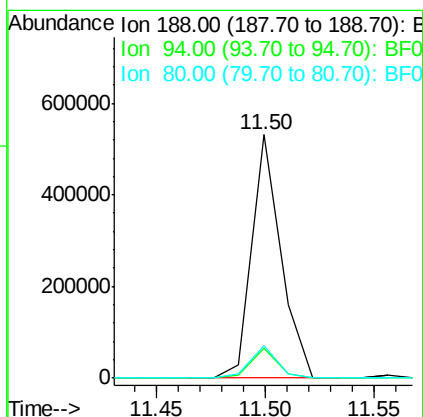
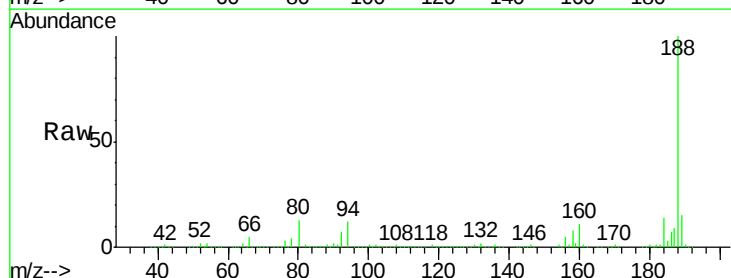
Manual Integrations
APPROVED

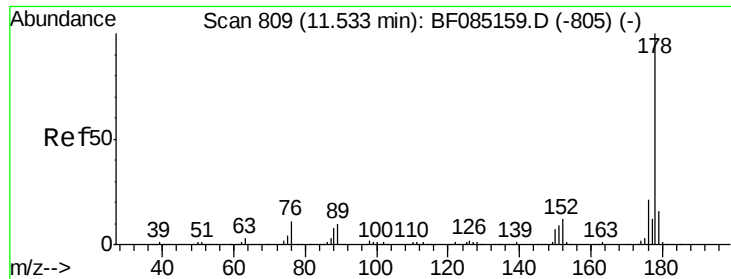
Sohil
3/4/2016 4:36:42 PM



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF085182.D
Acq: 4 Mar 2016 3:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	12.1	7.0	10.6#
80	13.5	7.4	11.0#





#70

Phenanthrene

Concen: 5.32 ng

RT: 11.52 min Scan# 808

Delta R.T. -0.01 min

Lab File: BF085182.D

Acq: 4 Mar 2016 3:17

Instrument :

BNA_F

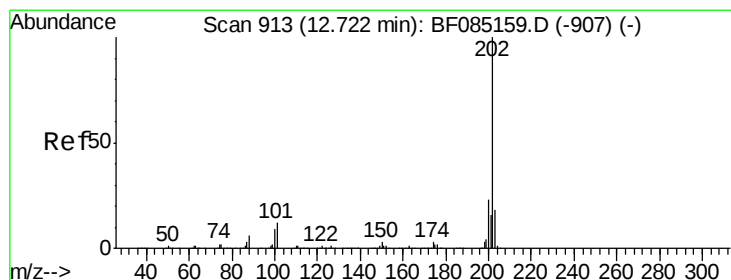
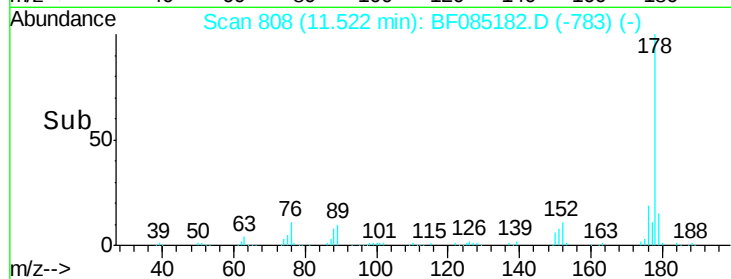
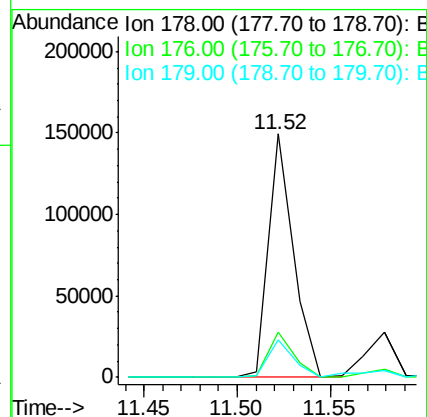
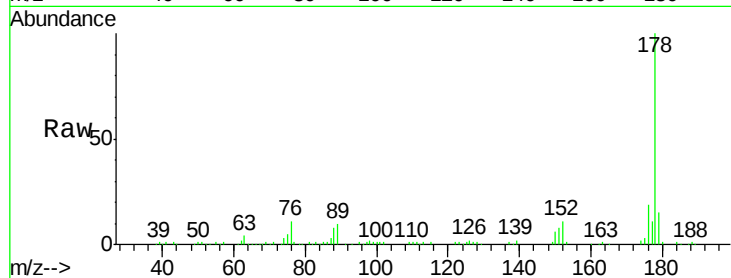
ClientSampleId :

SB-49(COMP)

Tgt Ion:	178	Resp:	138199
Ion Ratio	Lower	Upper	
178	100		
176	18.5	16.8	25.2
179	15.4	13.1	19.7

Manual Integrations
APPROVED

Sohil
3/4/2016 4:36:42 PM



#74

Fluoranthene

Concen: 6.87 ng

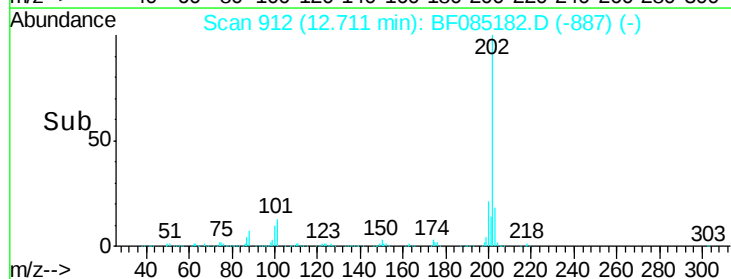
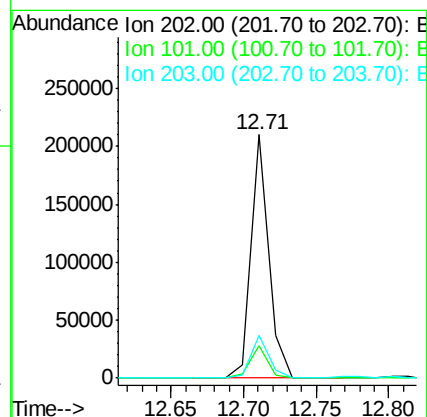
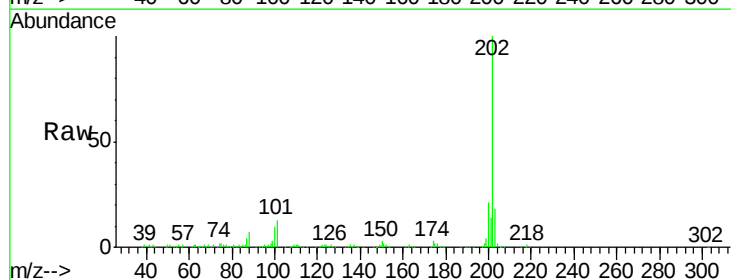
RT: 12.71 min Scan# 912

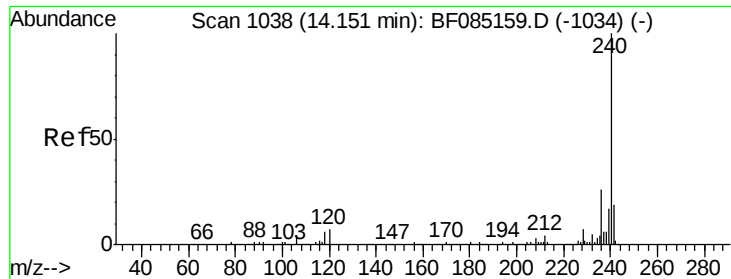
Delta R.T. -0.01 min

Lab File: BF085182.D

Acq: 4 Mar 2016 3:17

Tgt Ion:	202	Resp:	179291
Ion Ratio	Lower	Upper	
202	100		
101	13.5	0.0	31.8
203	17.6	0.0	38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.14 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF085182.D

Acq: 4 Mar 2016 3:17

Instrument :

BNA_F

ClientSampleId :

SB-49(COMP)

Tgt Ion:240 Resp: 319211

Ion Ratio Lower Upper

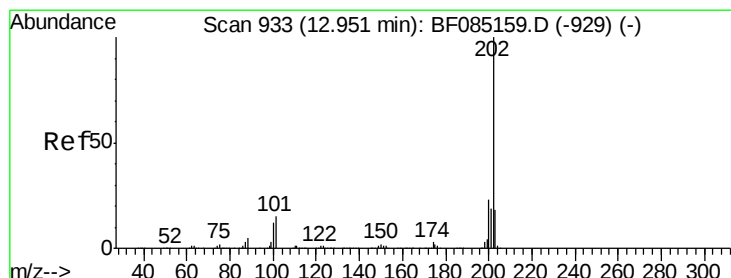
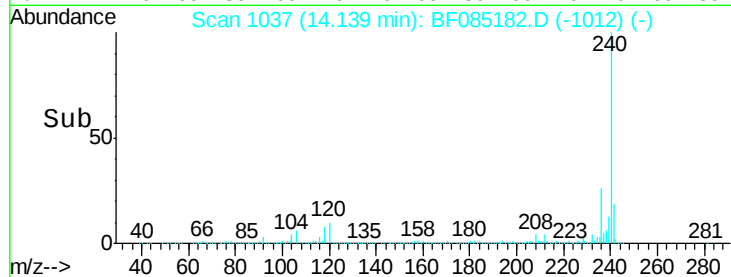
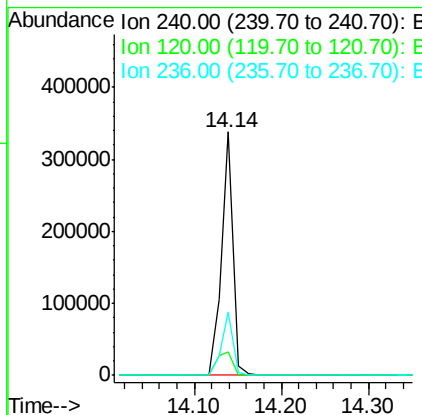
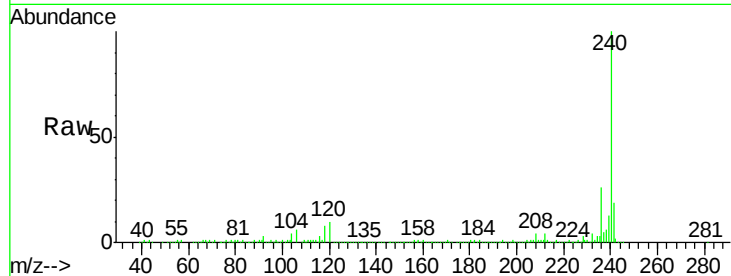
240 100

120 9.6 5.3 7.9#

236 25.7 20.7 31.1

Manual Integrations
APPROVED

Sohil
3/4/2016 4:36:42 PM



#77

Pyrene

Concen: 6.58 ng

RT: 12.94 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF085182.D

Acq: 4 Mar 2016 3:17

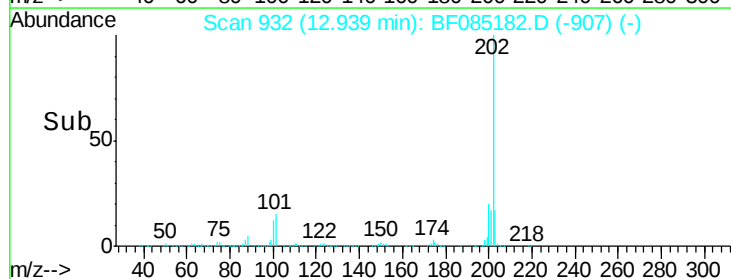
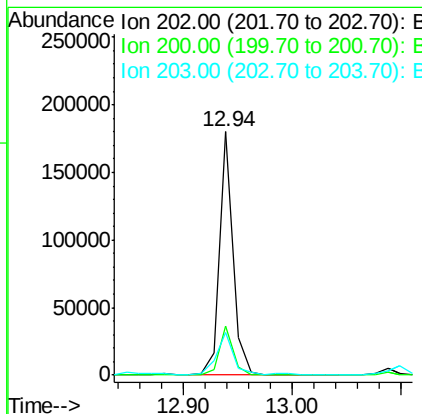
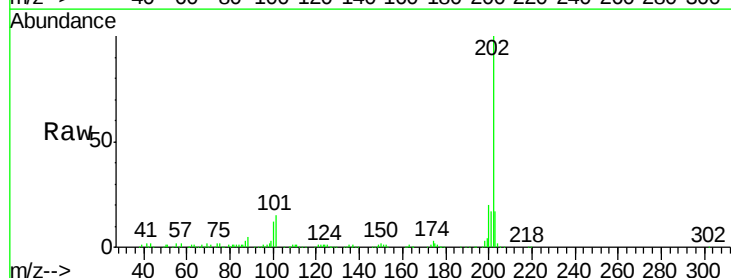
Tgt Ion:202 Resp: 158189

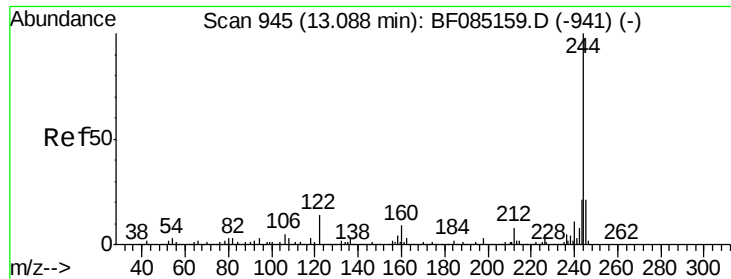
Ion Ratio Lower Upper

202 100

200 20.1 18.2 27.4

203 17.5 14.7 22.1





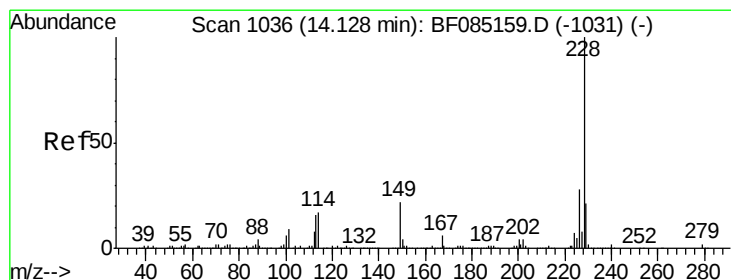
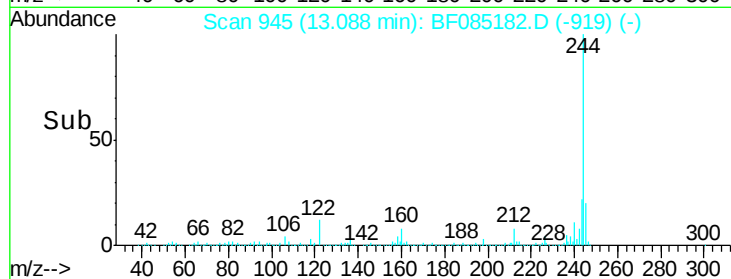
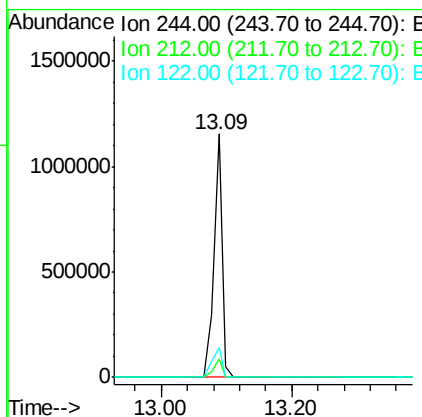
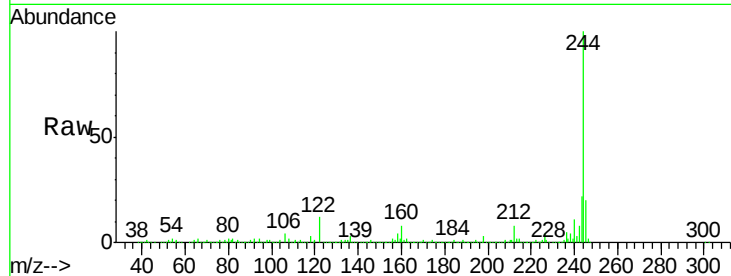
#78
 Terphenyl-d14
 Concen: 75.46 ng
 RT: 13.09 min Scan# 945
 Delta R.T. 0.00 min
 Lab File: BF085182.D
 Acq: 4 Mar 2016 3:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-49(COMP)

Tgt Ion:244 Resp: 1037605
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.4 9.6
 122 12.3 11.4 17.2

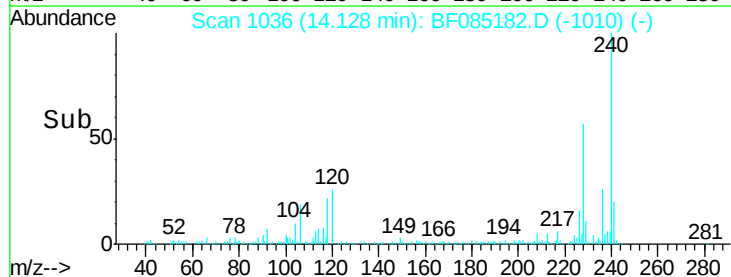
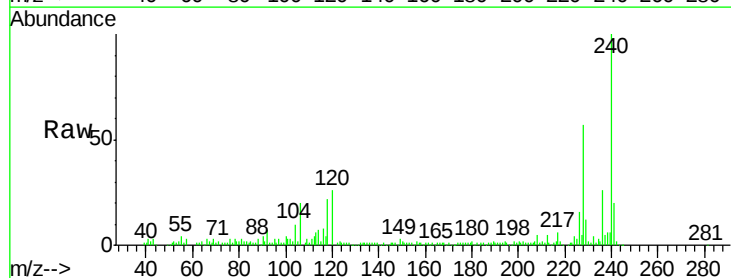
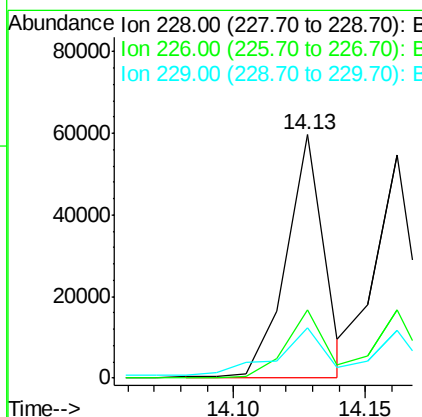
Manual Integrations
 APPROVED

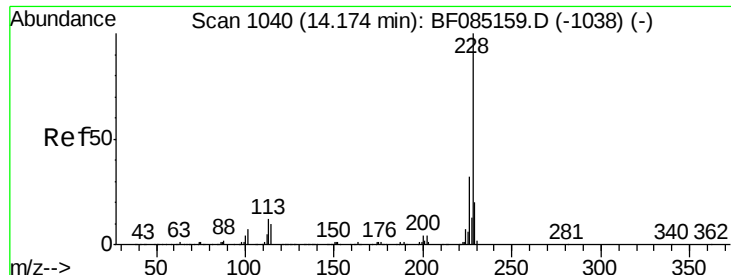
Sohil
 3/4/2016 4:36:42 PM



#80
 Benzo(a)anthracene
 Concen: 3.12 ng m
 RT: 14.13 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF085182.D
 Acq: 4 Mar 2016 3:17

Tgt Ion:228 Resp: 59651
 Ion Ratio Lower Upper
 228 100
 226 28.1 22.8 34.2
 229 20.6 16.6 24.8





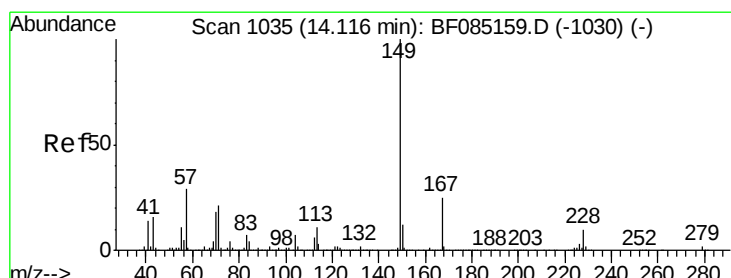
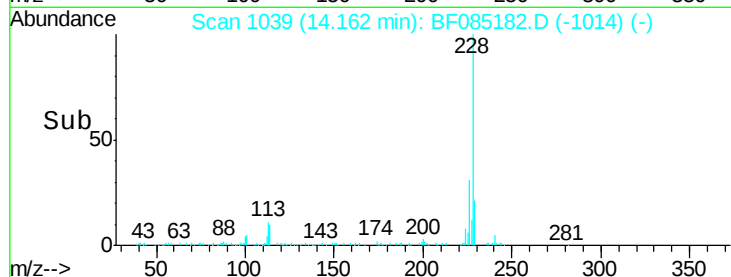
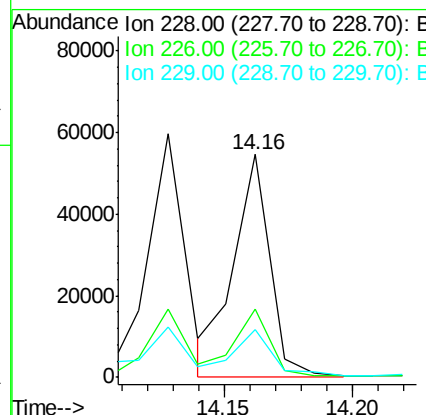
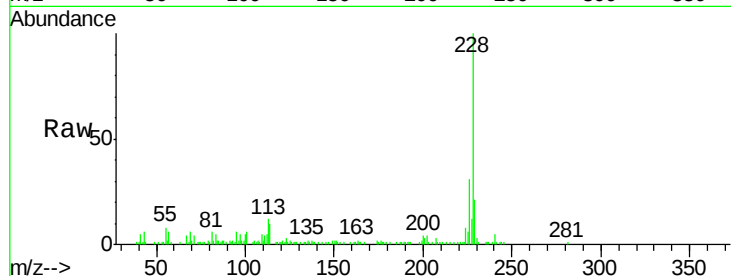
#82
Chrysene
Concen: 3.04 ng m
RT: 14.16 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF085182.D
Acq: 4 Mar 2016 3:17

Instrument :
BNA_F
ClientSampleId :
SB-49(COMP)

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.2	37.8
229	21.4	16.0	24.0

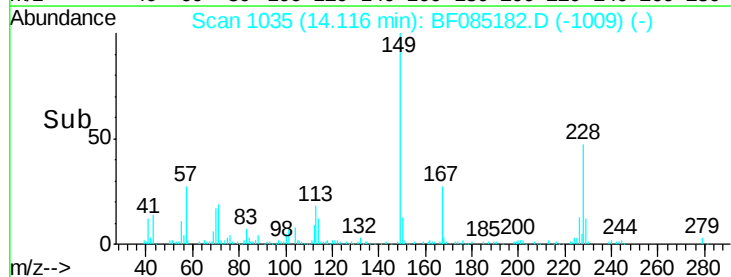
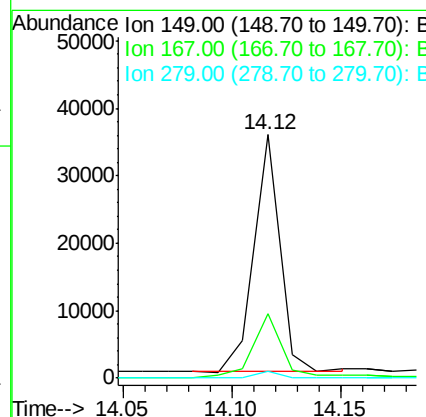
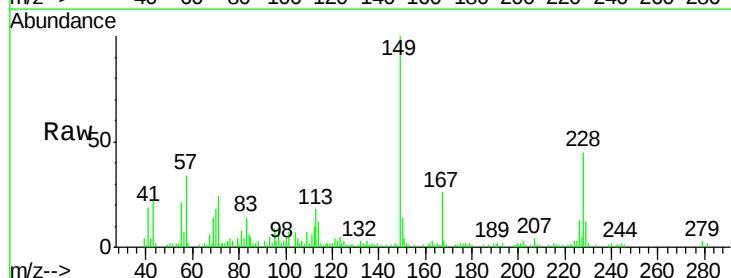
Manual Integrations
APPROVED

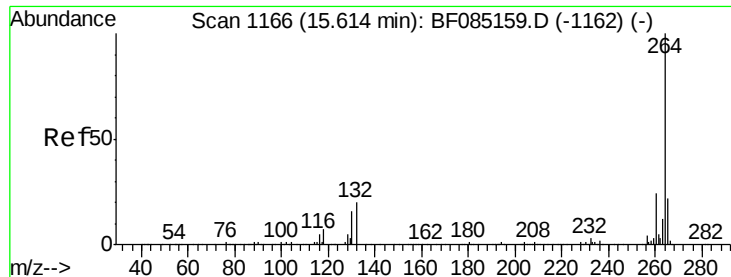
Sohil
3/4/2016 4:36:42 PM



#83
Bis(2-ethylhexyl)phthalate
Concen: 2.05 ng
RT: 14.12 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF085182.D
Acq: 4 Mar 2016 3:17

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.4	20.3	30.5
279	2.8	1.9	2.9





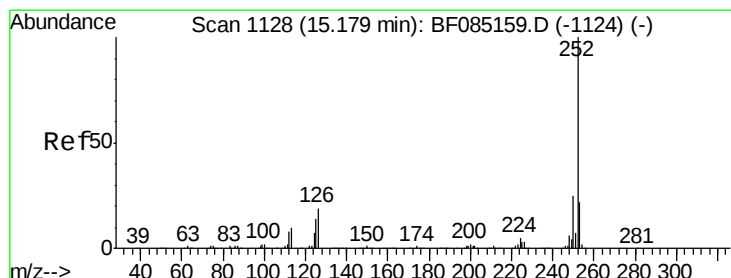
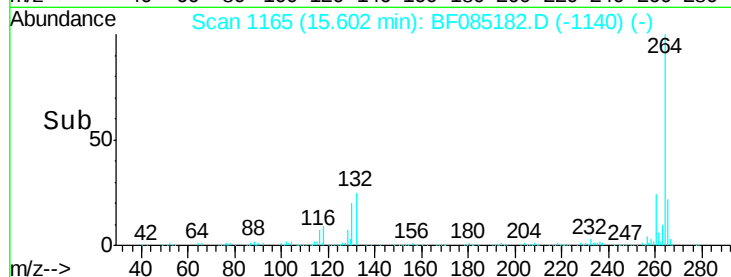
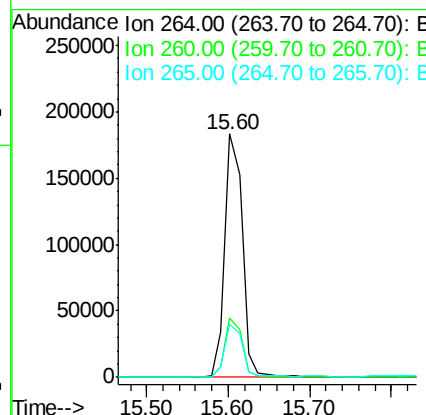
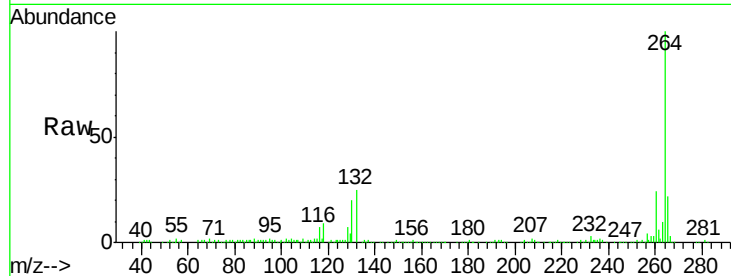
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.60 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF085182.D
Acq: 4 Mar 2016 3:17

Instrument :
BNA_F
ClientSampleId :
SB-49(COMP)

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.5	19.2	28.8
265	21.9	17.3	25.9

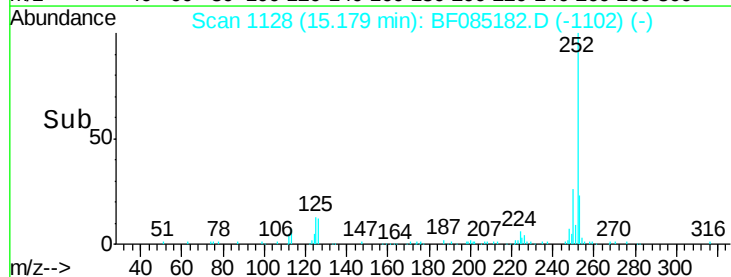
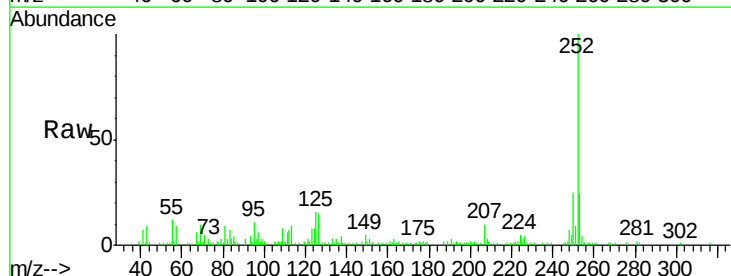
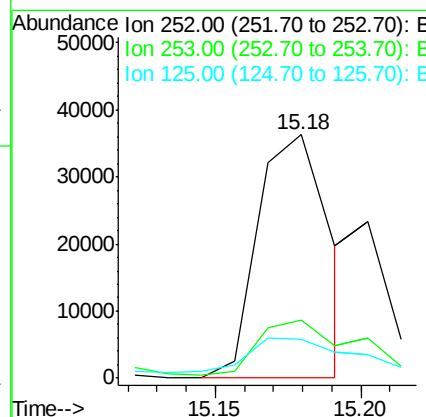
Manual Integrations
APPROVED

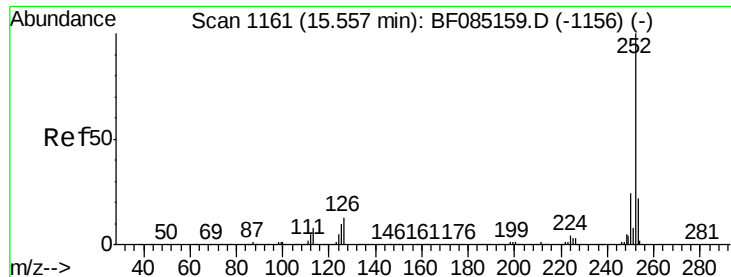
Sohil
3/4/2016 4:36:42 PM



#87
Benzo(b)fluoranthene
Concen: 3.40 ng m
RT: 15.18 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF085182.D
Acq: 4 Mar 2016 3:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.6	17.8	26.6
125	16.1	11.3	16.9





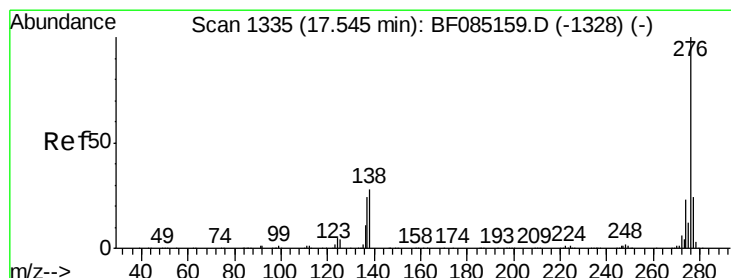
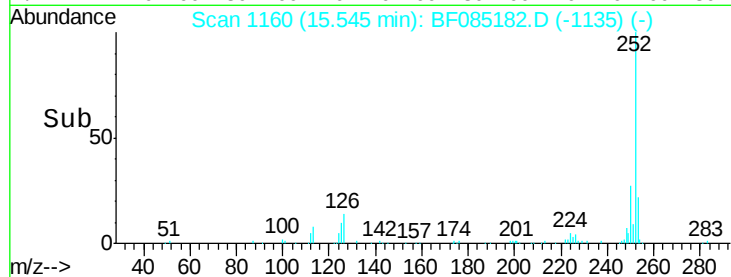
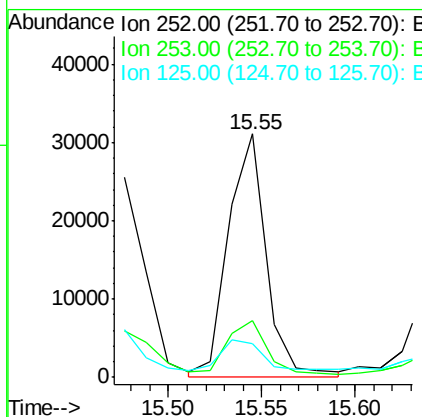
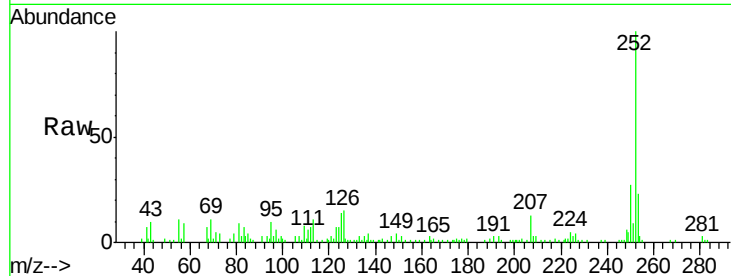
#89
Benzo(a)pyrene
Concen: 2.93 ng
RT: 15.55 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF085182.D
Acq: 4 Mar 2016 3:17

Instrument :
BNA_F
ClientSampleId :
SB-49(COMP)

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.4	17.4	26.0
125	13.8	8.2	12.4

Manual Integrations
APPROVED

Sohil
3/4/2016 4:36:42 PM



#91
Benzo(g,h,i)perylene
Concen: 2.48 ng
RT: 17.51 min Scan# 1332
Delta R.T. -0.03 min
Lab File: BF085182.D
Acq: 4 Mar 2016 3:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	25.7	19.0	28.4
138	31.6	22.5	33.7

