

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
 Data File : BF098119.D
 Acq On : 29 Aug 2017 19:08
 Operator : SJ/JU
 Sample : I4989-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BERGEN-GEN-S2-COMP

Manual Integrations
 APPROVED

Sohil
 8/30/2017 6:44:58 PM

Quant Time: Aug 30 05:17:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
1) 1,4-Dichlorobenzene-d4	6.73	152	138150	20.00	ng	-0.02	
21) Naphthalene-d8	8.02	136	560023	20.00	ng	-0.02	
38) Acenaphthene-d10	9.77	164	247957	20.00	ng	-0.02	
63) Phenanthrene-d10	11.25	188	414544	20.00	ng	-0.01	
75) Chrysene-d12	13.88	240	271264	20.00	ng	-0.02	
86) Perylene-d12	15.30	264	259555	20.00	ng	0.00	
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1046369	115.21	ng	0.00	
7) Phenol-d6	6.37	99	1427007	115.64	ng	-0.01	
23) Nitrobenzene-d5	7.30	82	902091	87.51	ng	-0.02	
41) 2,4,6-Tribromophenol	10.56	330	237328	110.31	ng	-0.02	
44) 2-Fluorobiphenyl	9.10	172	1260941	74.71	ng	-0.01	
78) Terphenyl-d14	12.84	244	839577	64.54	ng	-0.01	
Target Compounds							
10) Phenol	6.39	94	52479	3.636	ng		86
49) Dimethylphthalate	9.49	163	229466	12.660	ng		99
70) Phenanthrene	11.27	178	77620	3.514	ng		98
74) Fluoranthene	12.46	202	117535	5.098	ng		99
77) Pyrene	12.69	202	110030	4.959	ng		97
80) Benzo(a)anthracene	13.87	228	49273	3.031	ng		94
82) Chrysene	13.91	228	50976	3.152	ng		95
85) Indeno(1,2,3-cd)pyrene	16.66	276	26812	2.254	ng	#	91
87) Benzo(b)fluoranthene	14.90	252	69095m	4.223	ng		
89) Benzo(a)pyrene	15.24	252	45309	3.128	ng		96
91) Benzo(a,h,i)perylene	17.08	276	25310	2.057	ng	#	90

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

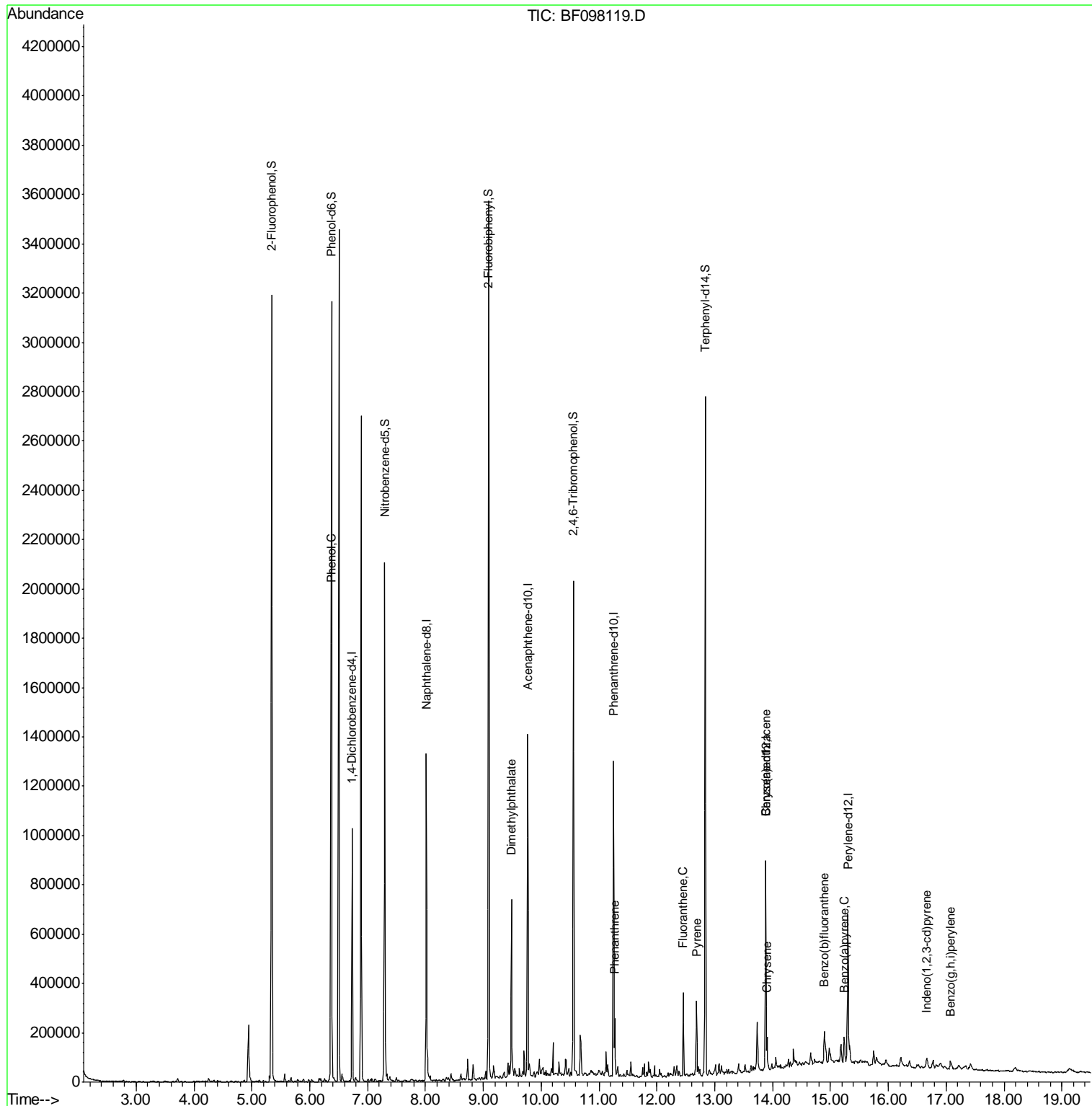
Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
 Data File : BF098119.D
 Acq On : 29 Aug 2017 19:08
 Operator : SJ/JU
 Sample : I4989-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

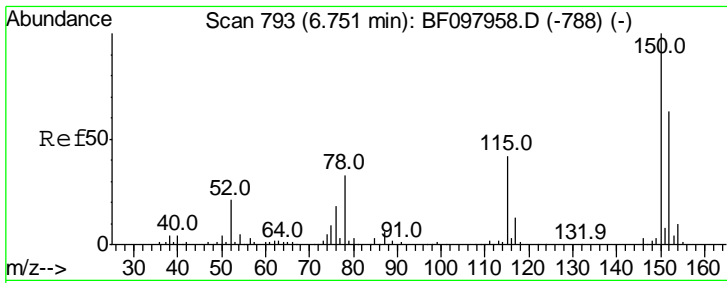
Instrument :
 BNA_F
Client Sampled :
 BERGEN-GEN-S2-COMP

Manual Integrations
APPROVED

Sohil
 8/30/2017 6:44:58 PM

Quant Time: Aug 30 05:17:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration



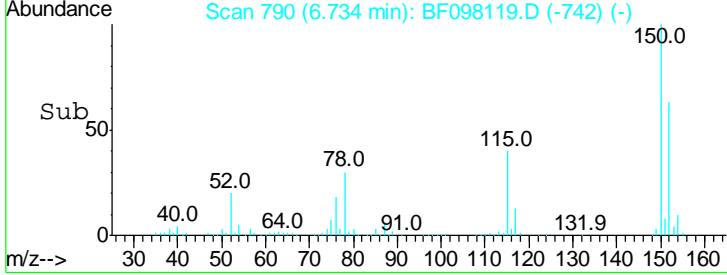
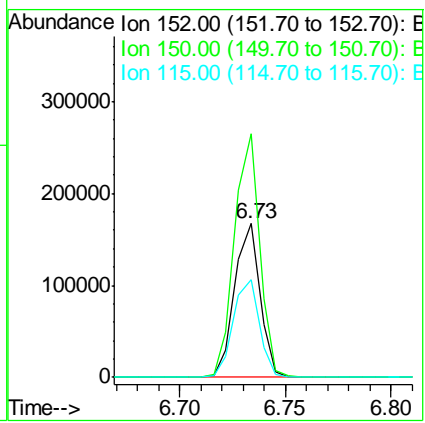
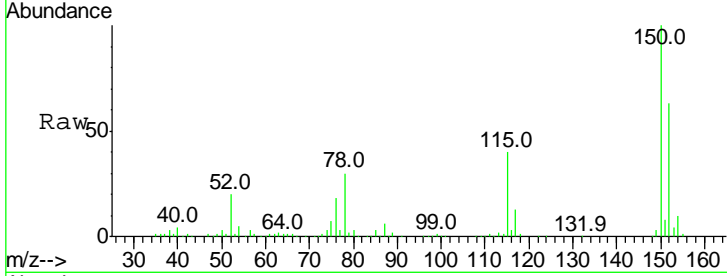


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.02 min
 Lab File: BF098119.D
 Acq: 29 Aug 2017 19:08

Instrument :
 BNA_F
ClientSampled :
 BERGEN-GEN-S2-COMP

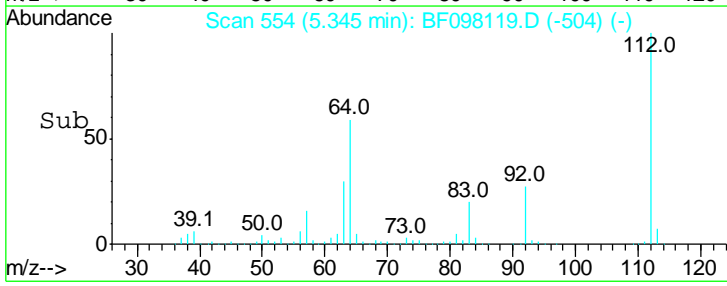
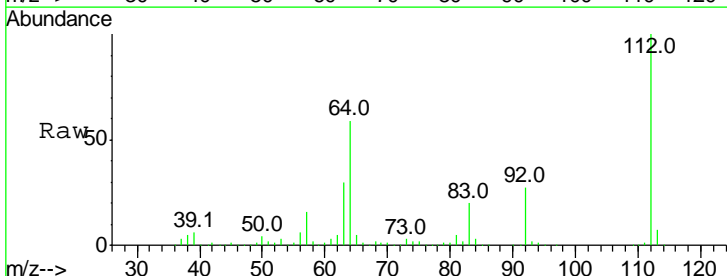
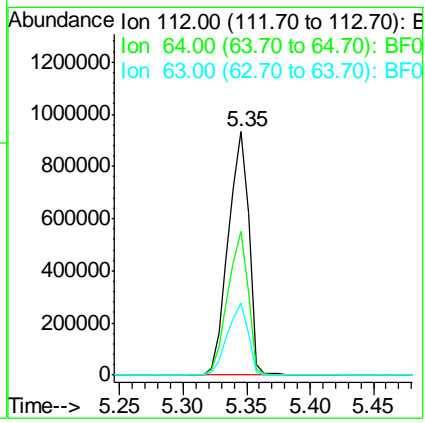
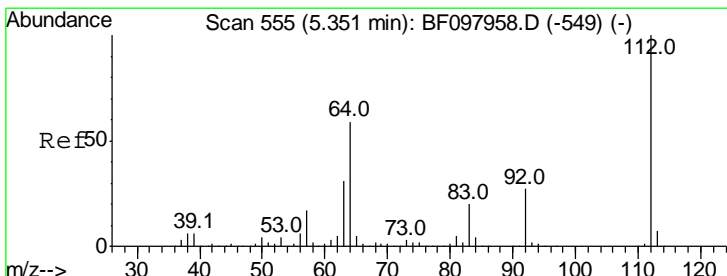
Tgt Ion	Resp	Lower	Upper
152	138150		
152	100		
150	158.6	126.2	189.2
115	63.3	52.2	78.2

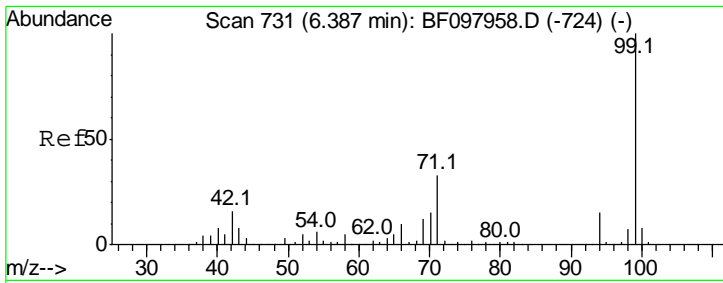
Manual Integrations
APPROVED
 Sohil
 8/30/2017 6:44:58 PM



#5
 2-Fluorophenol
 Concen: 115.208 ng
 RT: 5.35 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF098119.D
 Acq: 29 Aug 2017 19:08

Tgt Ion	Resp	Lower	Upper
112	1046369		
112	100		
64	59.0	46.0	69.0
63	29.6	23.4	35.0





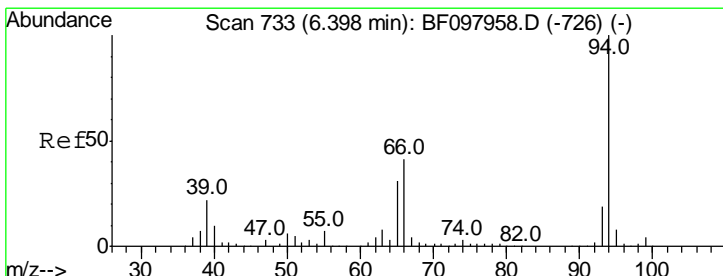
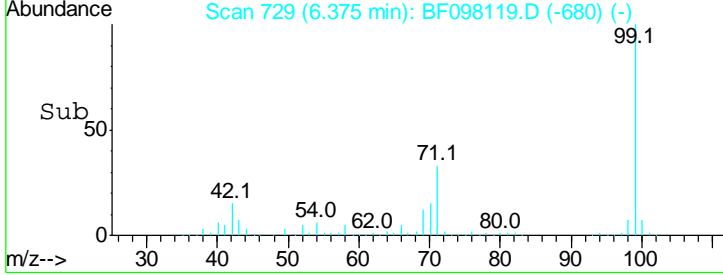
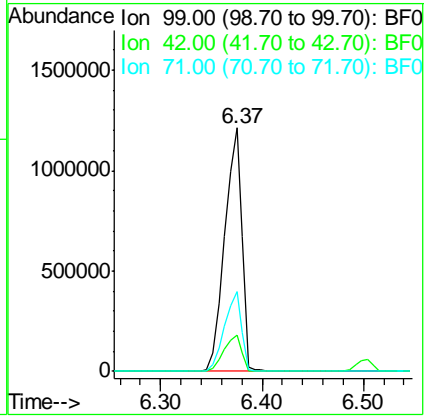
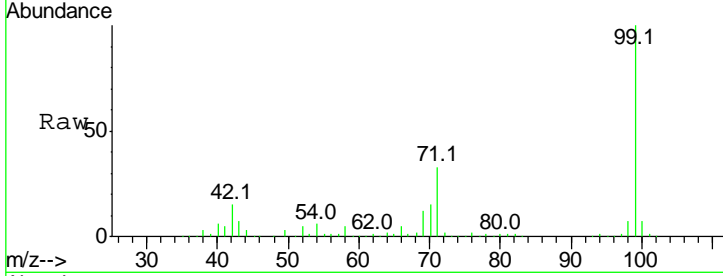
#7
 Phenol-d6
 Concen: 115.637 ng
 RT: 6.37 min Scan# 729
 Delta R.T. -0.01 min
 Lab File: BF098119.D
 Acq: 29 Aug 2017 19:08

Instrument :
 BNA_F
ClientSampled :
 BERGEN-GEN-S2-COMP

Tgt Ion: 99 Resp: 1427007

Ion	Ratio	Lower	Upper
99	100		
42	14.7	13.5	20.3
71	32.6	24.5	36.7

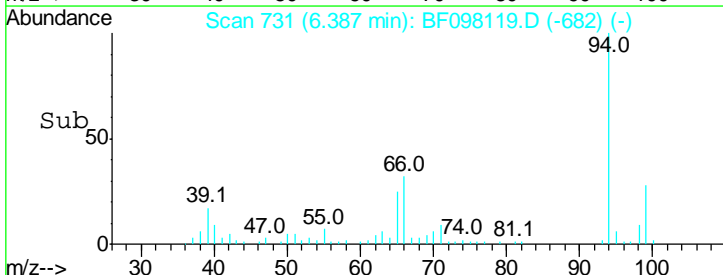
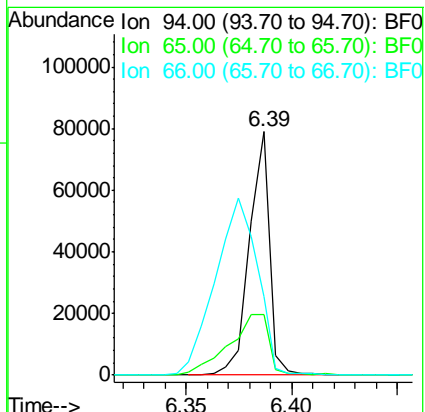
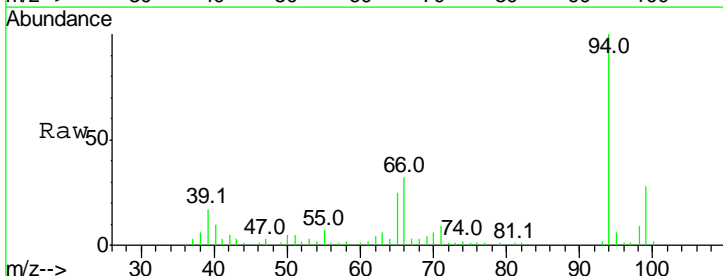
Manual Integrations
APPROVED
 Sohil
 8/30/2017 6:44:58 PM

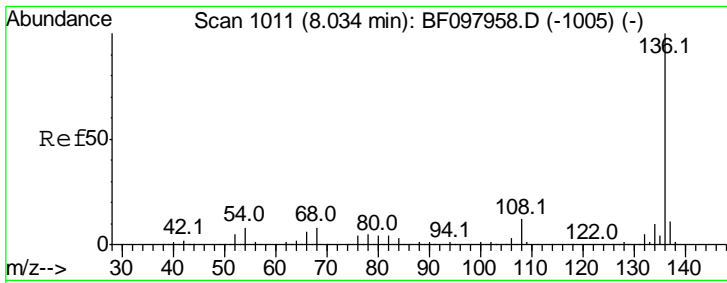


#10
 Phenol
 Concen: 3.636 ng
 RT: 6.39 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BF098119.D
 Acq: 29 Aug 2017 19:08

Tgt Ion: 94 Resp: 52479

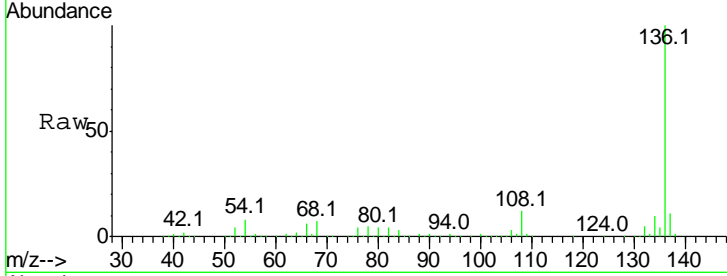
Ion	Ratio	Lower	Upper
94	100		
65	24.9	9.9	49.9
66	32.1	23.1	63.1





#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.02 min
 Lab File: BF098119.D
 Acq: 29 Aug 2017 19:08

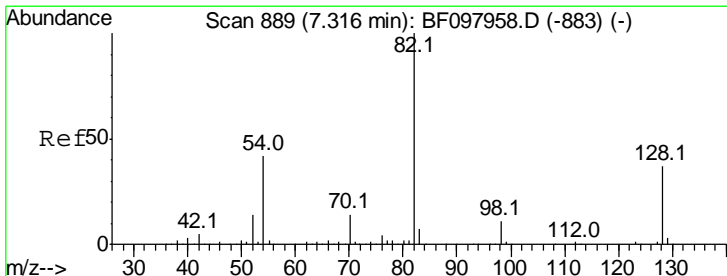
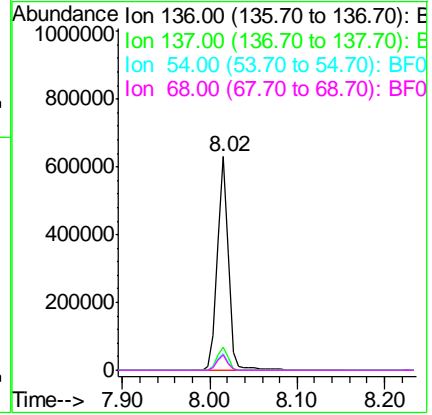
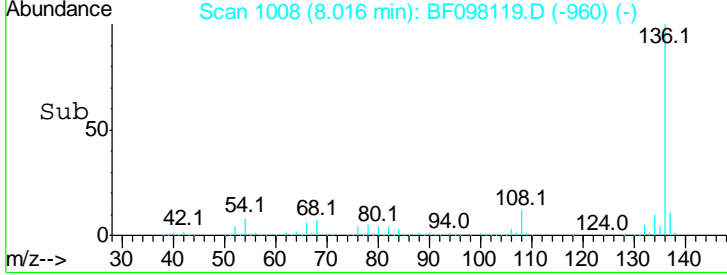
Instrument :
 BNA_F
ClientSampled :
 BERGEN-GEN-S2-COMP



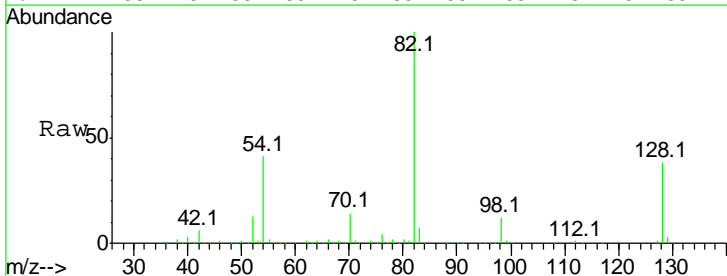
Tgt Ion: 136 Resp: 560023

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	7.8	4.9	7.3#
68	7.3	4.1	6.1#

Manual Integrations
APPROVED
 Sohil
 8/30/2017 6:44:58 PM

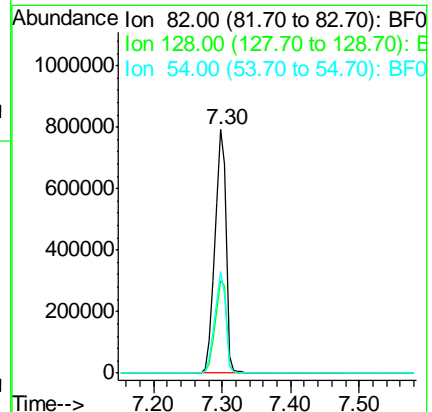
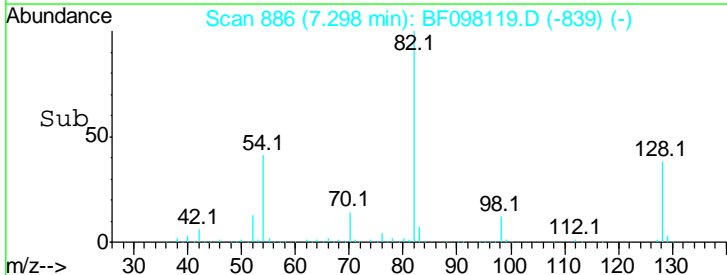


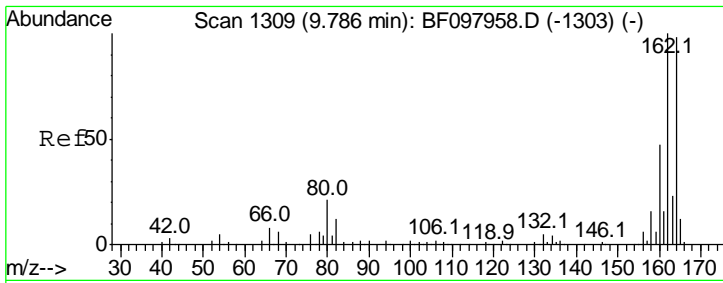
#23
 Nitrobenzene-d5
 Concen: 87.507 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.02 min
 Lab File: BF098119.D
 Acq: 29 Aug 2017 19:08



Tgt Ion: 82 Resp: 902091

Ion	Ratio	Lower	Upper
82	100		
128	38.2	34.0	51.0
54	41.4	42.2	63.2#





#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.02 min
 Lab File: BF098119.D
 Acq: 29 Aug 2017 19:08

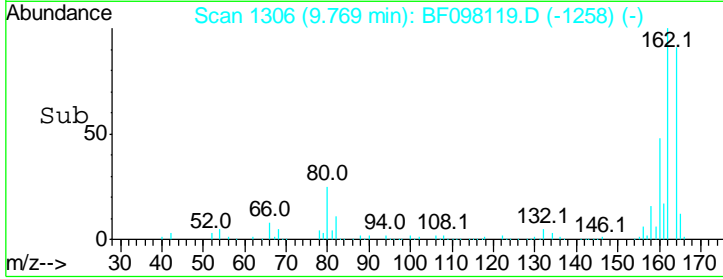
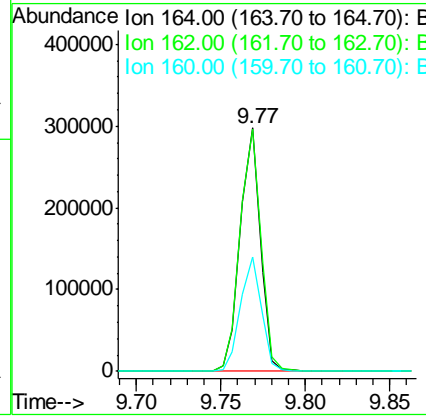
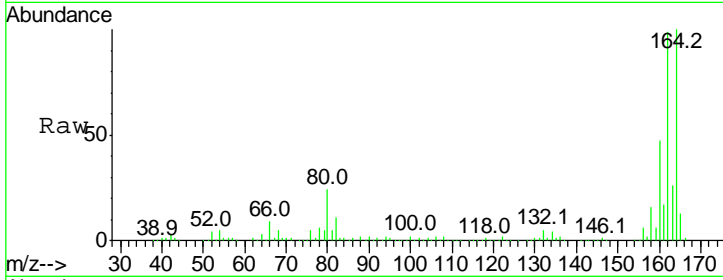
Instrument :
 BNA_F
ClientSampleId :
 BERGEN-GEN-S2-COMP

Tot Ion:164 Resp: 247957

Ion	Ratio	Lower	Upper
164	100		
162	99.4	82.6	123.8
160	47.1	36.2	54.2

Manual Integrations
APPROVED

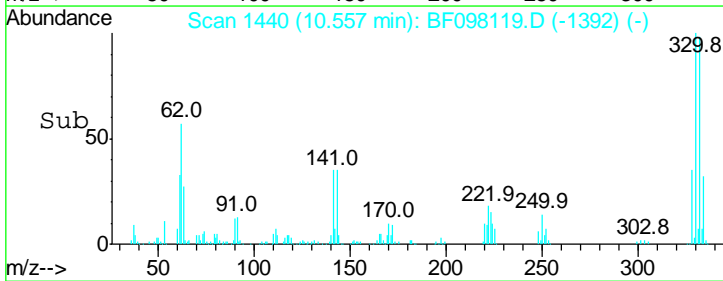
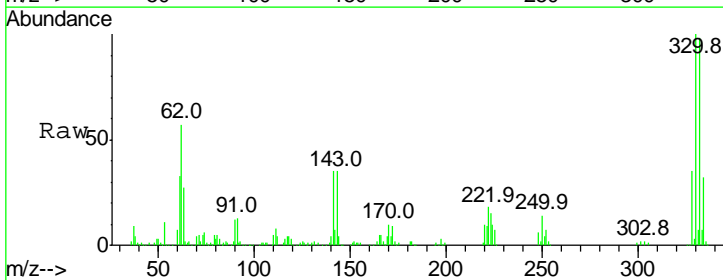
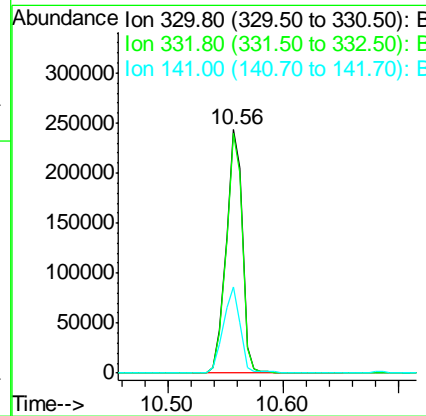
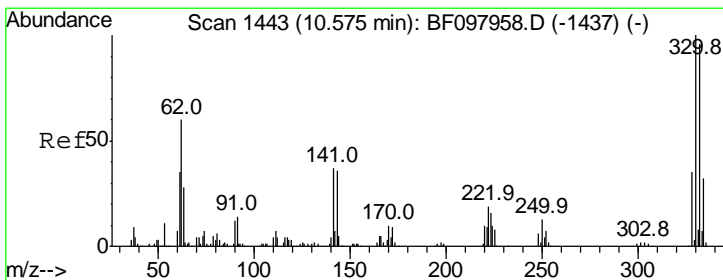
Sohil
 8/30/2017 6:44:58 PM

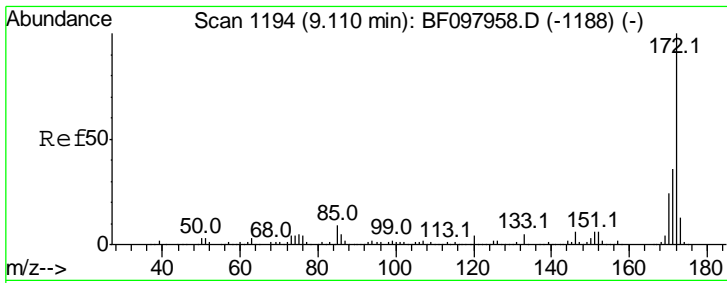


#41
 2,4,6-Tribromophenol
 Concen: 110.312 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.02 min
 Lab File: BF098119.D
 Acq: 29 Aug 2017 19:08

Tgt Ion:330 Resp: 237328

Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.6	115.0
141	36.4	31.4	47.2





#44
 2-Fluorobiphenyl
 Concen: 74.714 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF098119.D
 Acq: 29 Aug 2017 19:08

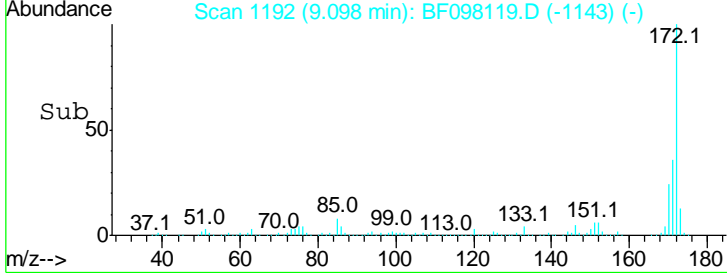
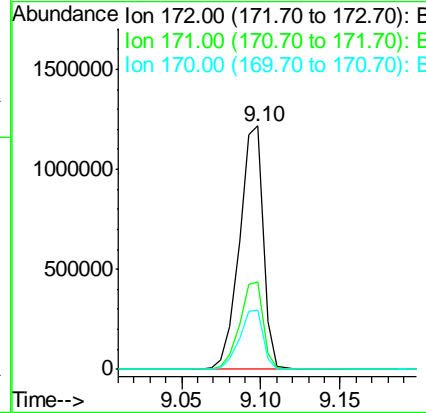
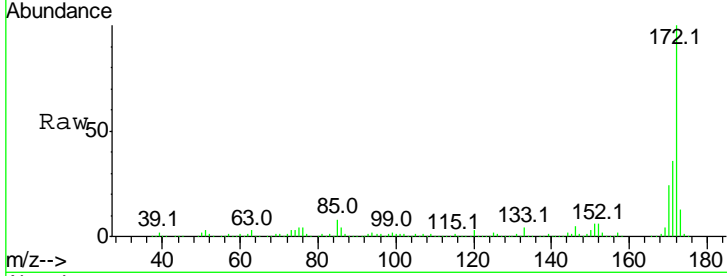
Instrument :
 BNA_F
ClientSampled :
 BERGEN-GEN-S2-COMP

Tgt Ion:172 Resp: 1260941

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.5	19.8	29.8

Manual Integrations
APPROVED

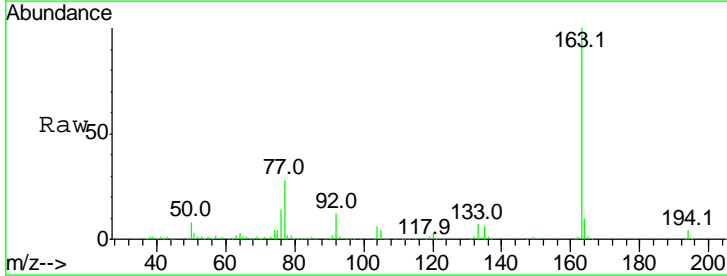
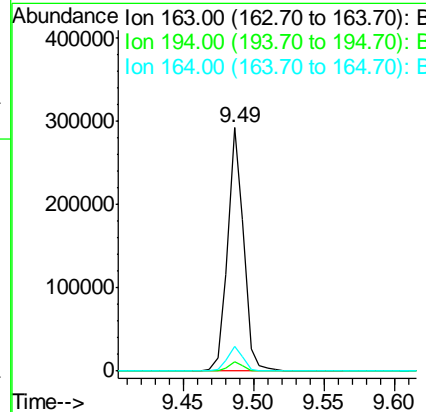
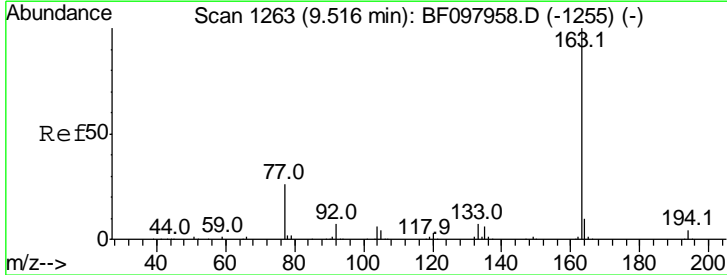
Sohil
 8/30/2017 6:44:58 PM

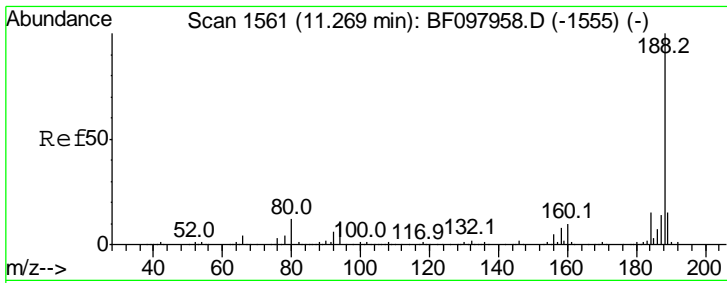


#49
 Dimethylphthalate
 Concen: 12.660 ng
 RT: 9.49 min Scan# 1258
 Delta R.T. -0.03 min
 Lab File: BF098119.D
 Acq: 29 Aug 2017 19:08

Tgt Ion:163 Resp: 229466

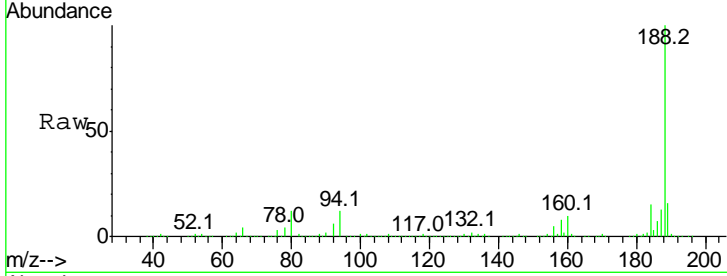
Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	10.3	8.4	12.6





#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BF098119.D
 Acq: 29 Aug 2017 19:08

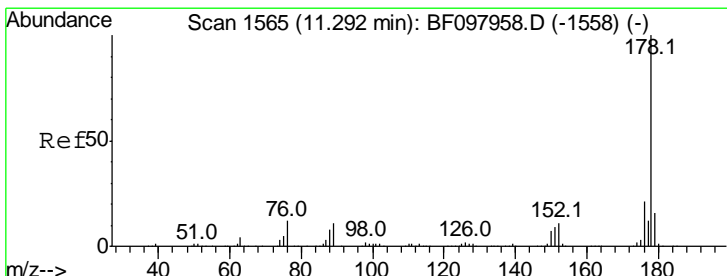
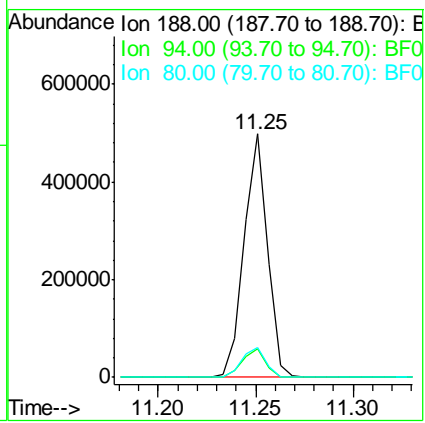
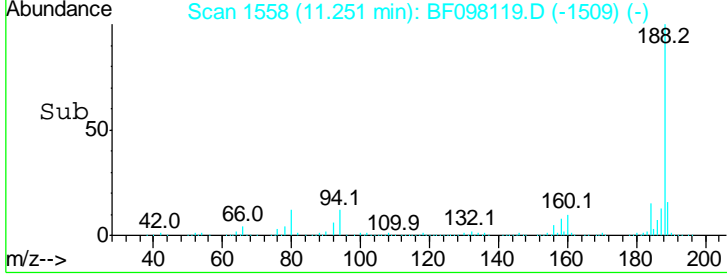
Instrument :
 BNA_F
ClientSampled :
 BERGEN-GEN-S2-COMP



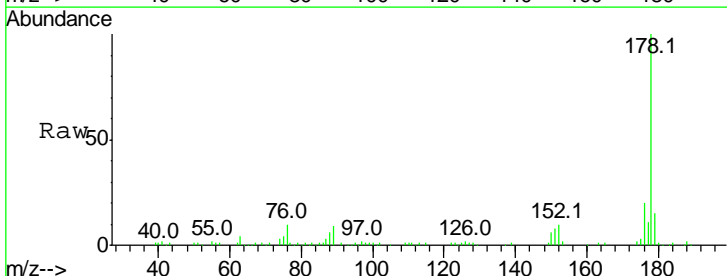
Tgt Ion: 188 Resp: 414544

Ion	Ratio	Lower	Upper
188	100		
94	11.9	9.4	14.2
80	12.3	10.2	15.2

Manual Integrations
APPROVED
 Sohil
 8/30/2017 6:44:58 PM

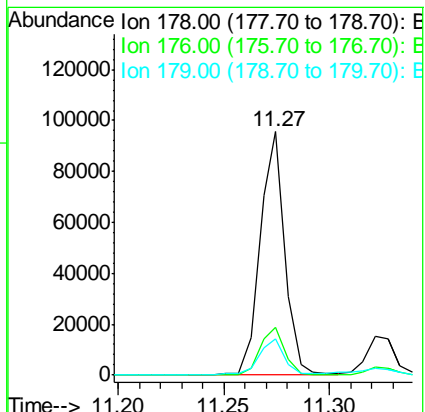
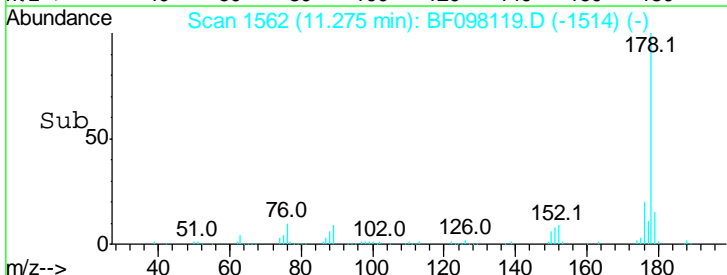


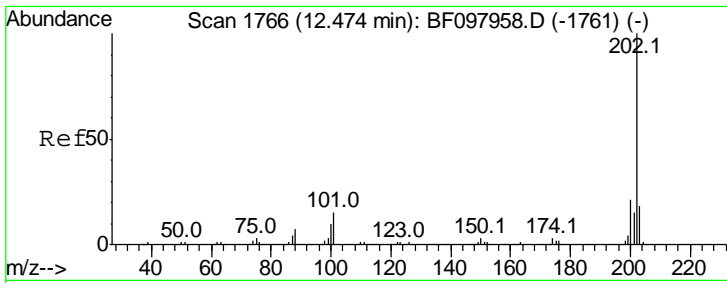
#70
 Phenanthrene
 Concen: 3.514 ng
 RT: 11.27 min Scan# 1562
 Delta R.T. -0.02 min
 Lab File: BF098119.D
 Acq: 29 Aug 2017 19:08



Tgt Ion: 178 Resp: 77620

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.2	24.4
179	14.7	12.6	19.0





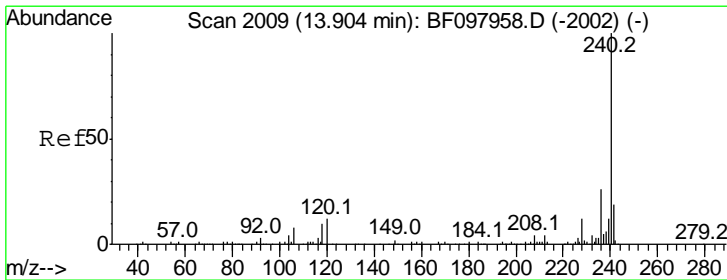
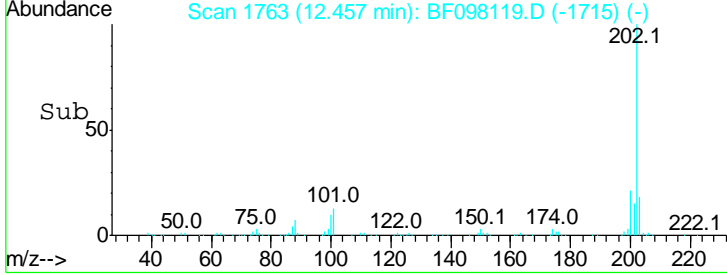
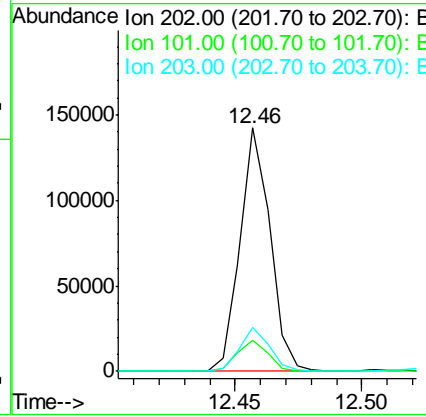
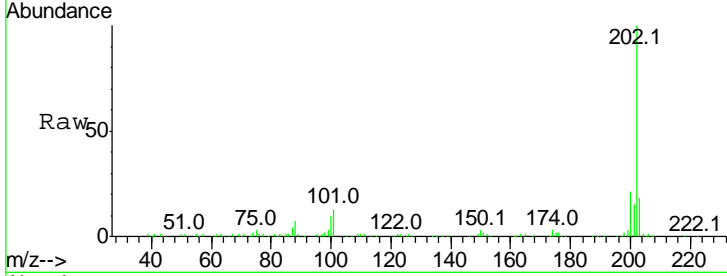
#74
 Fluoranthene
 Concen: 5.098 ng
 RT: 12.46 min Scan# 1763
 Delta R.T. -0.02 min
 Lab File: BF098119.D
 Acq: 29 Aug 2017 19:08

Instrument :
 BNA_F
ClientSampled :
 BERGEN-GEN-S2-COMP

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	33.2
203	18.3	0.0	38.1

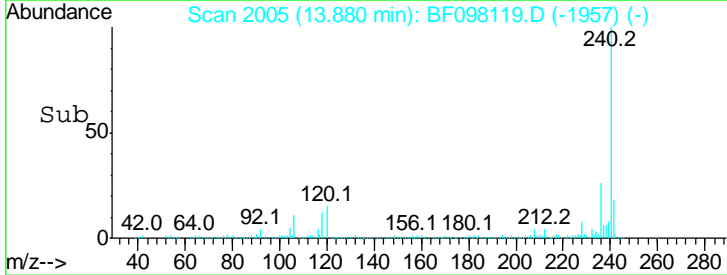
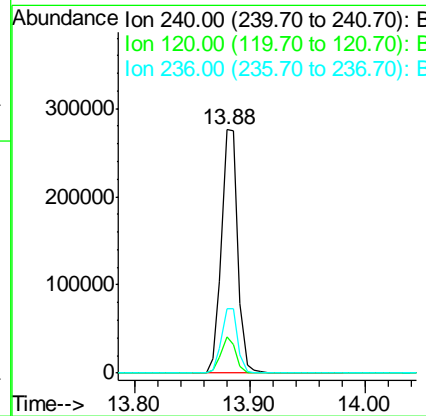
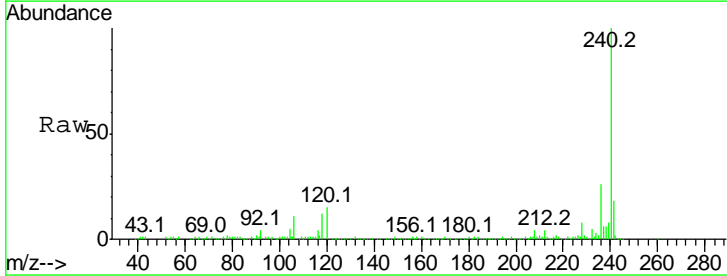
Manual Integrations
APPROVED

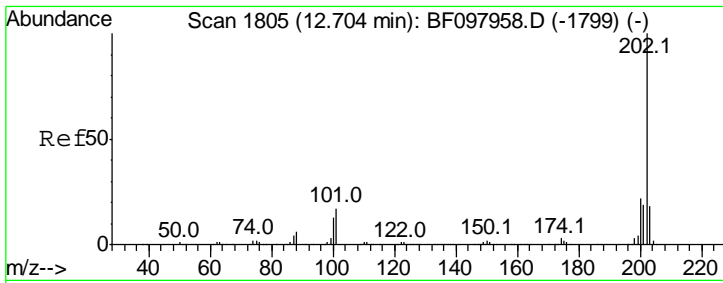
Sohil
 8/30/2017 6:44:58 PM



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. -0.02 min
 Lab File: BF098119.D
 Acq: 29 Aug 2017 19:08

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.9	5.8	8.8#
236	26.4	20.5	30.7





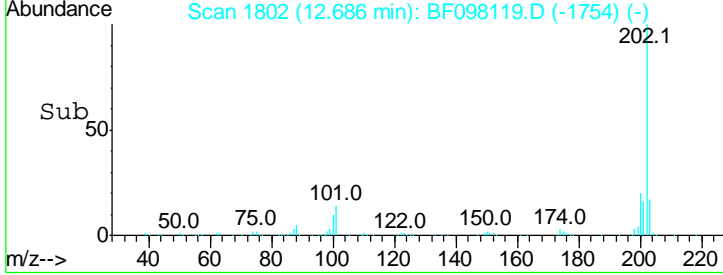
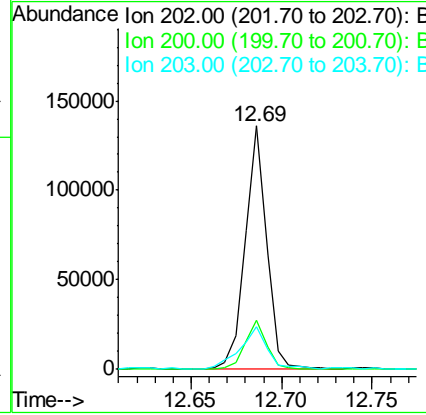
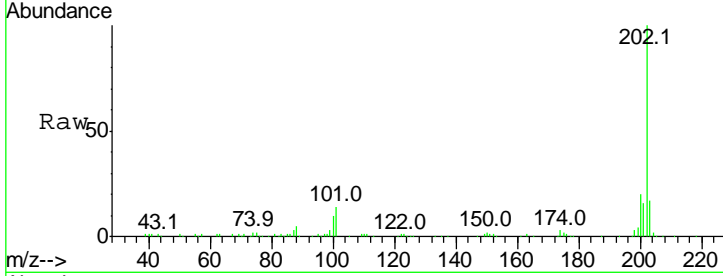
#77
 Pyrene
 Concen: 4.959 ng
 RT: 12.69 min Scan# 1802
 Delta R.T. -0.02 min
 Lab File: BF098119.D
 Acq: 29 Aug 2017 19:08

Instrument :
 BNA_F
 ClientSampled :
 BERGEN-GEN-S2-COMP

Tgt Ion	Resp	Lower	Upper
202	110030		
202	100		
200	20.3	17.6	26.4
203	17.5	14.4	21.6

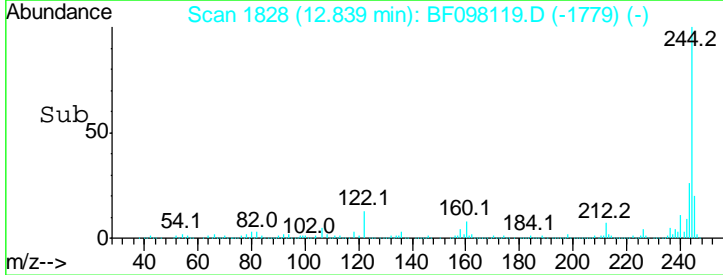
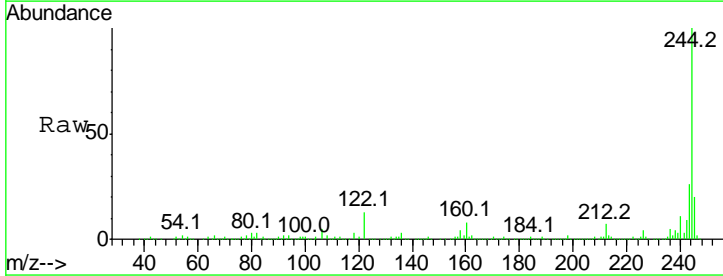
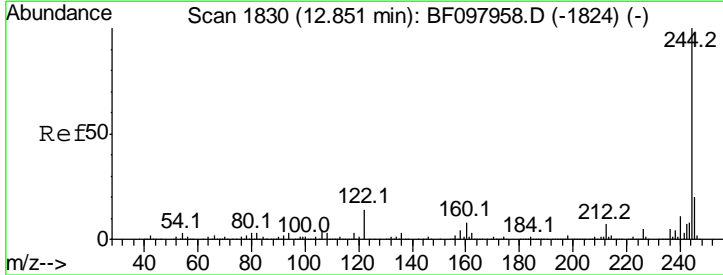
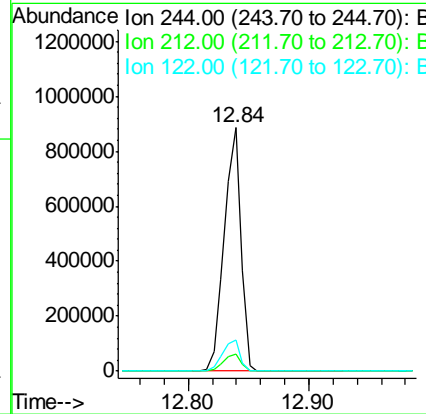
Manual Integrations
 APPROVED

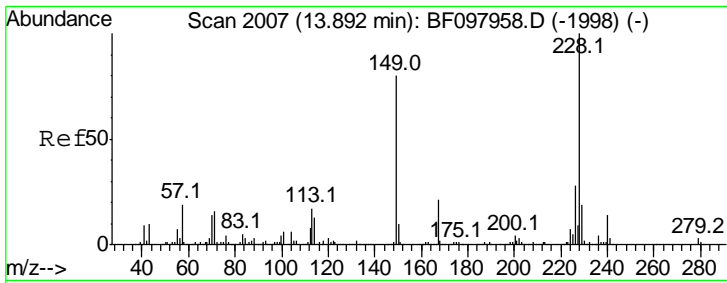
Sohil
 8/30/2017 6:44:58 PM



#78
 Terphenyl-d14
 Concen: 64.542 ng
 RT: 12.84 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BF098119.D
 Acq: 29 Aug 2017 19:08

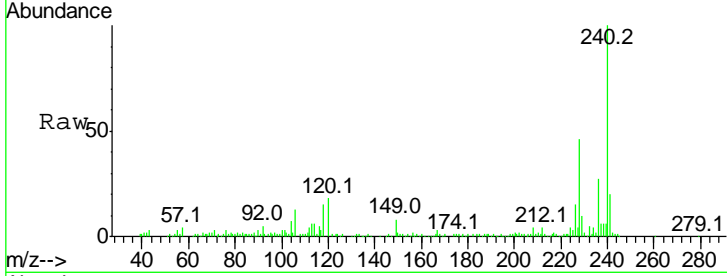
Tgt Ion	Resp	Lower	Upper
244	839577		
244	100		
212	7.3	6.0	9.0
122	12.9	10.3	15.5





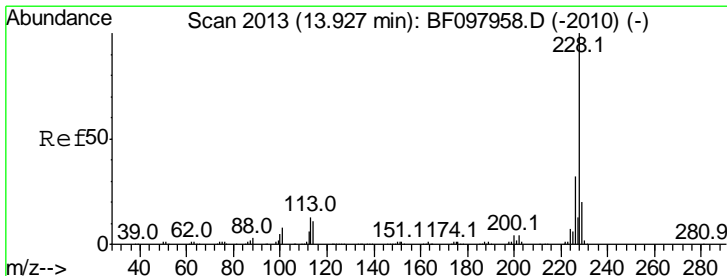
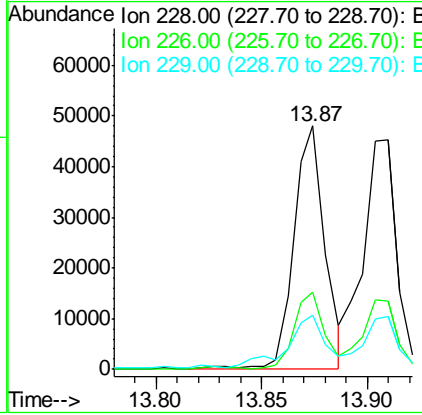
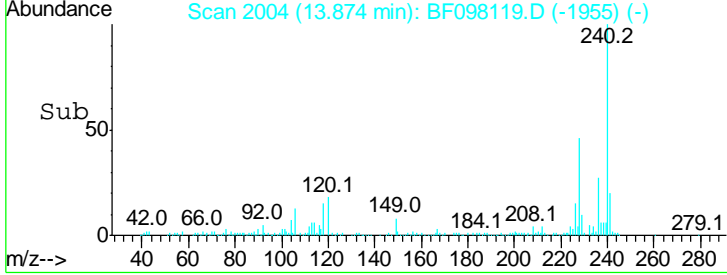
#80
 Benzo(a)anthracene
 Concen: 3.031 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. -0.01 min
 Lab File: BF098119.D
 Acq: 29 Aug 2017 19:08

Instrument :
 BNA_F
 ClientSampled :
 BERGEN-GEN-S2-COMP

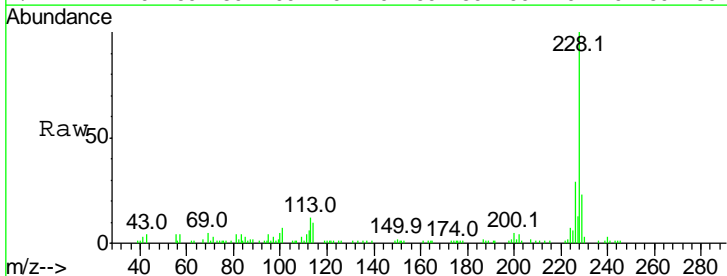


Tgt Ion	Resp	Lower	Upper
228	100		
226	31.8	22.6	33.8
229	22.3	16.3	24.5

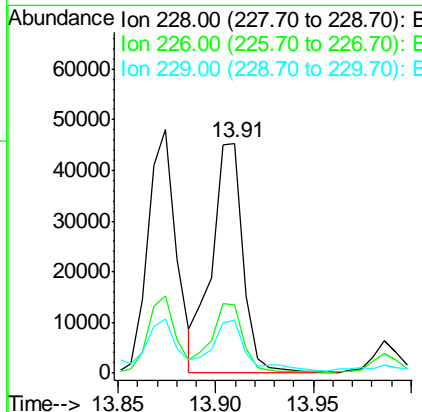
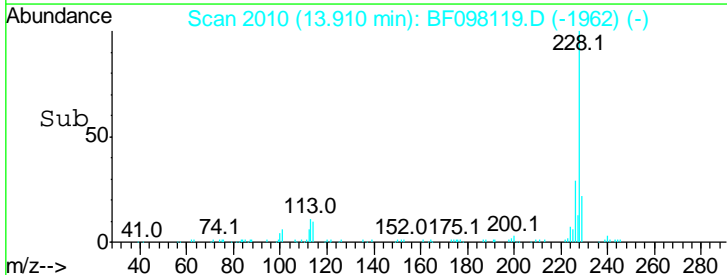
Manual Integrations
APPROVED
 Sohil
 8/30/2017 6:44:58 PM

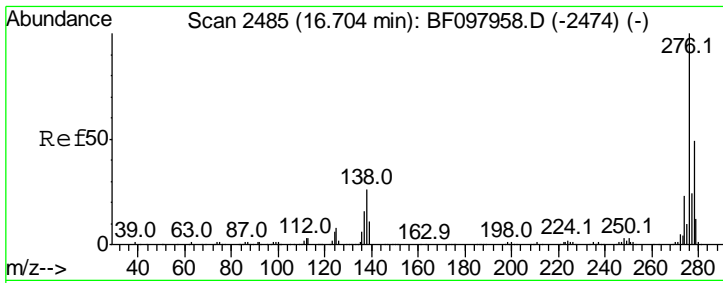


#82
 Chrysene
 Concen: 3.152 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. -0.02 min
 Lab File: BF098119.D
 Acq: 29 Aug 2017 19:08



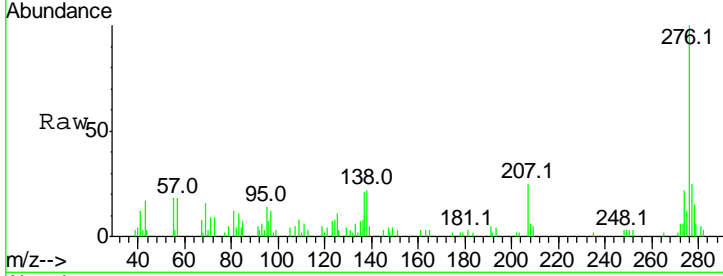
Tgt Ion	Resp	Lower	Upper
228	100		
226	29.4	24.9	37.3
229	23.1	15.8	23.6





#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.254 ng
 RT: 16.66 min Scan# 2478
 Delta R.T. -0.02 min
 Lab File: BF098119.D
 Acq: 29 Aug 2017 19:08

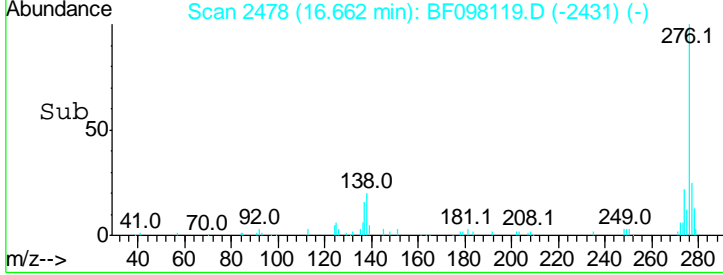
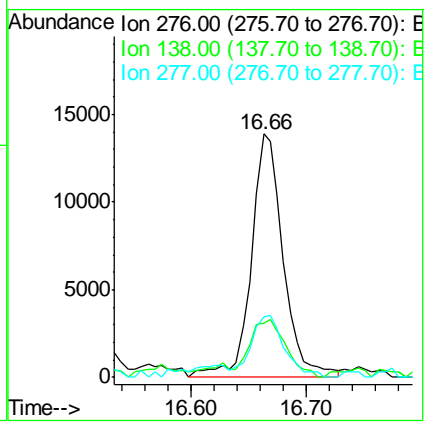
Instrument :
 BNA_F
ClientSampled :
 BERGEN-GEN-S2-COMP



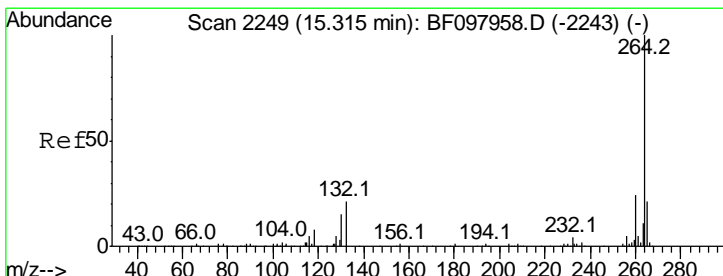
Tgt Ion: 276 Resp: 26812

Ion	Ratio	Lower	Upper
276	100		
138	26.8	27.8	41.6#
277	26.7	20.2	30.4

Manual Integrations
APPROVED
 Sohil
 8/30/2017 6:44:58 PM

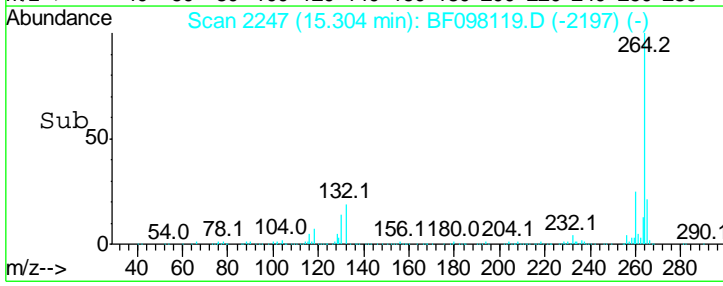
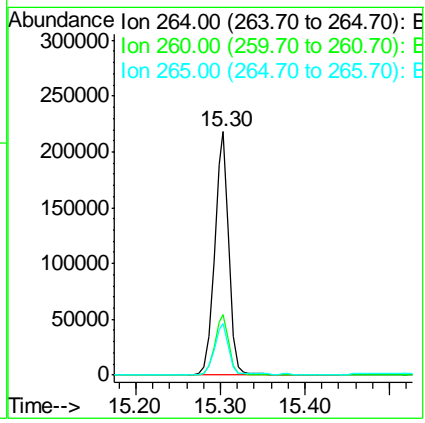


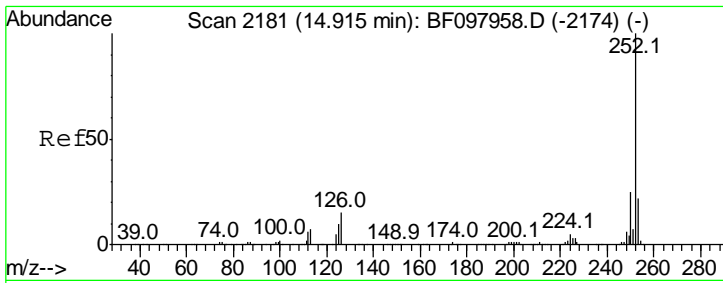
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. -0.01 min
 Lab File: BF098119.D
 Acq: 29 Aug 2017 19:08



Tgt Ion: 264 Resp: 259555

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	21.4	17.2	25.8





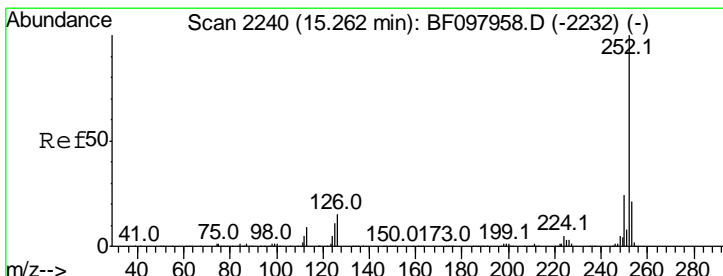
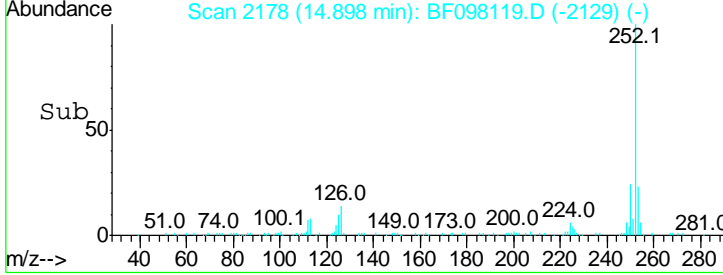
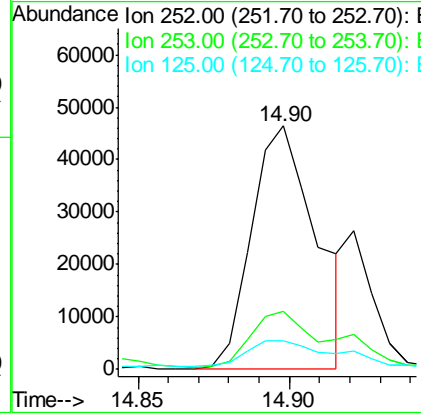
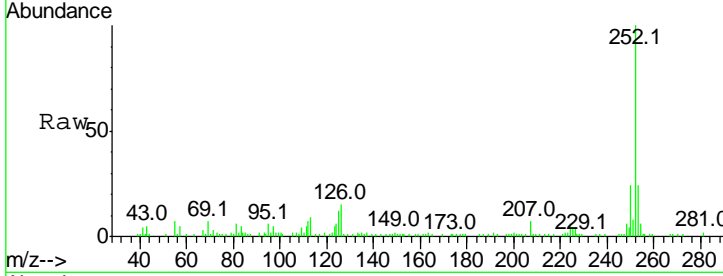
#87
 Benzo(b)fluoranthene
 Concen: 4.223 ng m
 RT: 14.90 min Scan# 2178
 Delta R.T. -0.01 min
 Lab File: BF098119.D
 Acq: 29 Aug 2017 19:08

Instrument :
 BNA_F
 ClientSampled :
 BERGEN-GEN-S2-COMP

Tgt Ion	Resp	Lower	Upper
252	100		
253	23.6	18.1	27.1
125	11.9	9.8	14.8

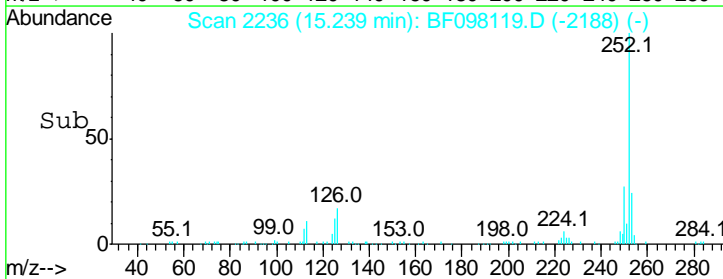
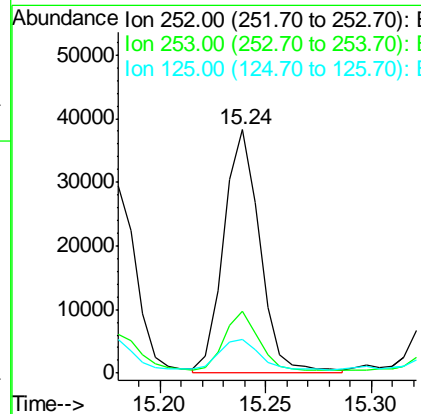
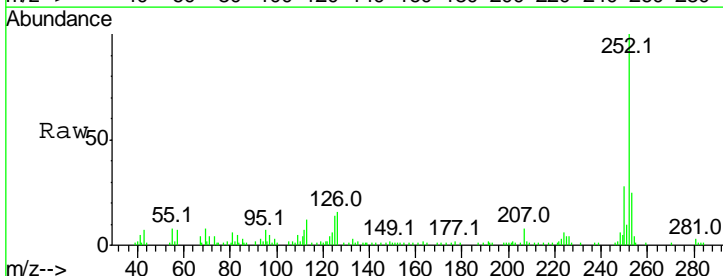
Manual Integrations
 APPROVED

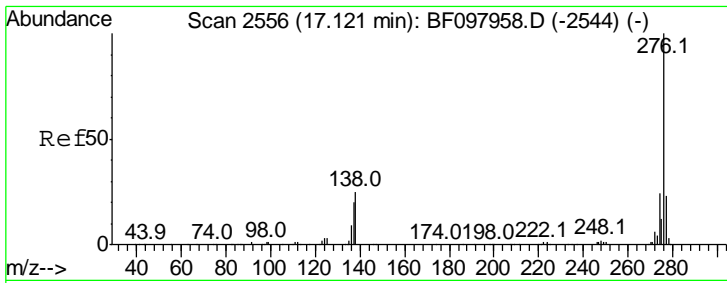
Sohil
 8/30/2017 6:44:58 PM



#89
 Benzo(a)pyrene
 Concen: 3.128 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. -0.02 min
 Lab File: BF098119.D
 Acq: 29 Aug 2017 19:08

Tgt Ion	Resp	Lower	Upper
252	100		
253	25.2	17.5	26.3
125	13.9	11.0	16.4





#91
 Benzo(a,h,i)perylene
 Concen: 2.057 ng
 RT: 17.08 min Scan# 2549
 Delta R.T. -0.03 min
 Lab File: BF098119.D
 Acq: 29 Aug 2017 19:08

Instrument :
 BNA_F
ClientSampled :
 BERGEN-GEN-S2-COMP

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.2	18.6	28.0
138	24.9	25.4	38.0#

Manual Integrations
APPROVED
 Sohil
 8/30/2017 6:44:58 PM

