

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
 Data File : BF098745.D
 Acq On : 23 Sep 2017 18:06
 Operator : SJ/JU
 Sample : I5340-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LT-TS-007

Manual Integrations
 APPROVED

Sohil
 9/25/2017 6:26:18 PM

Quant Time: Sep 25 14:54:51 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	179332	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	727695	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	307402	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	462625	20.00	ng	0.00
75) Chrysene-d12	14.08	240	292736	20.00	ng	0.00
86) Perylene-d12	15.57	264	279446	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1278362	113.48	ng	0.00
7) Phenol-d6	6.55	99	1580002	113.69	ng	0.00
23) Nitrobenzene-d5	7.49	82	961156	84.70	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	257730	102.46	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	1538335	83.54	ng	0.00
78) Terphenyl-d14	13.03	244	998285	77.55	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.67	163	240605	10.370	ng	99
74) Fluoranthene	12.65	202	75545	3.013	ng	99
77) Pyrene	12.88	202	73181	3.278	ng	98
87) Benzo(b)fluoranthene	15.13	252	37205m	2.165	ng	

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

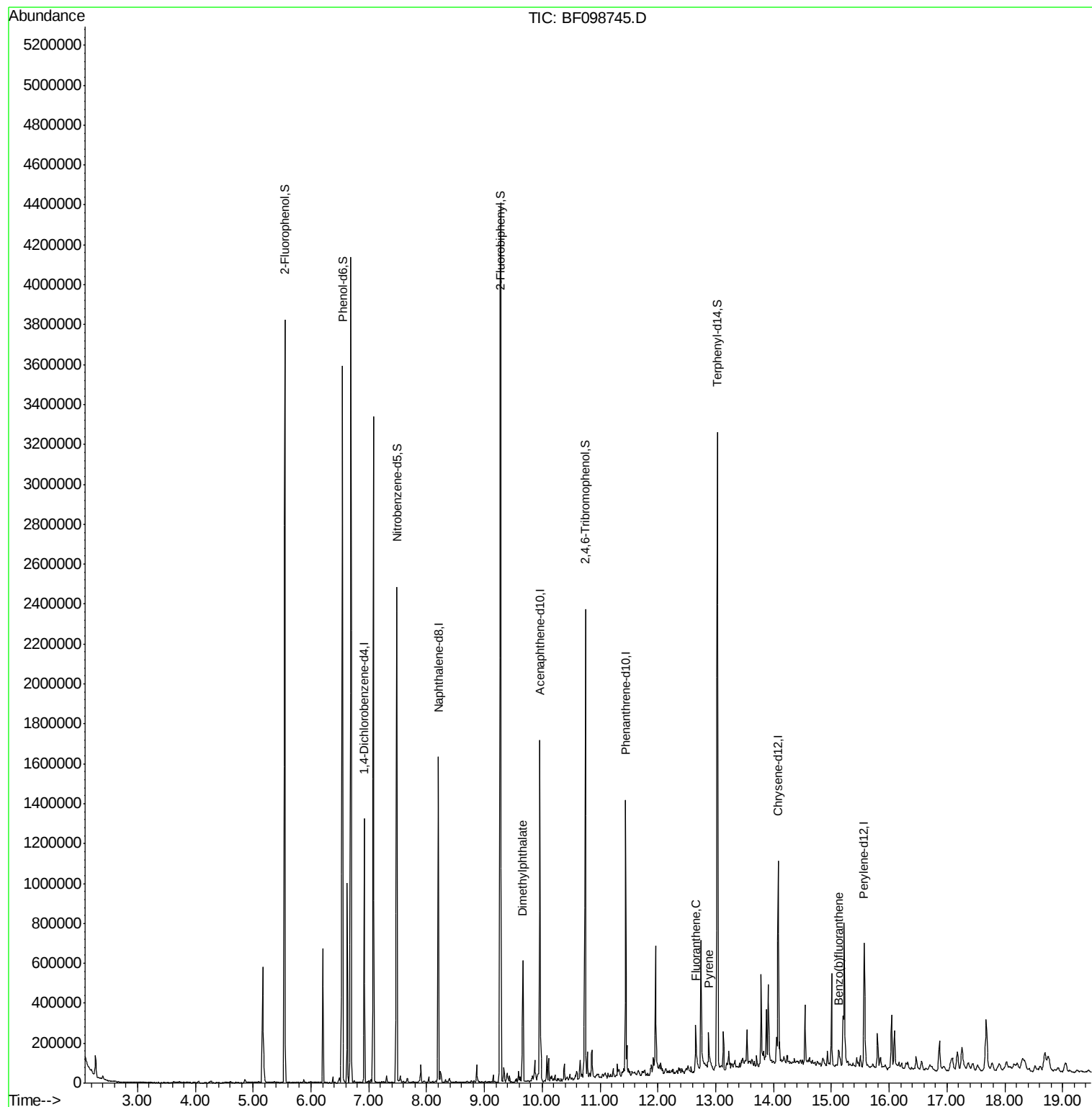
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
Data File : BF098745.D
Acq On : 23 Sep 2017 18:06
Operator : SJ/JU
Sample : I5340-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LT-TS-007

Quant Time: Sep 25 14:54:51 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
9/25/2017 6:26:18 PM





#1

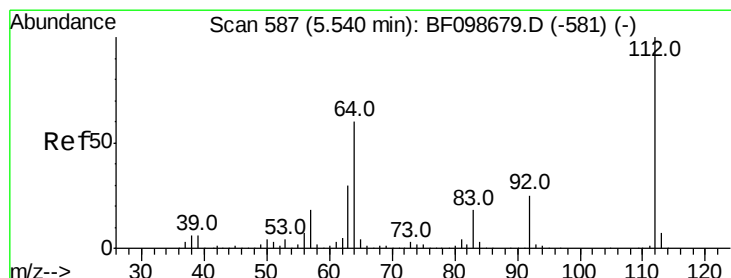
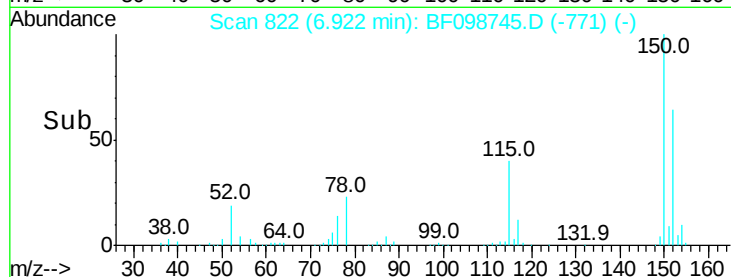
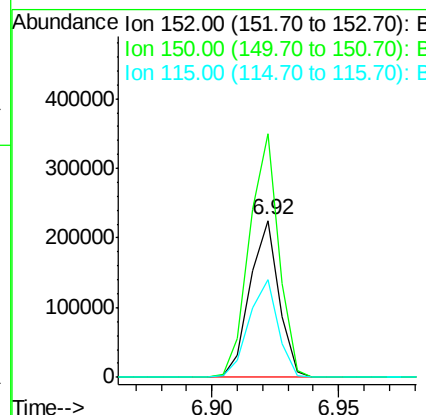
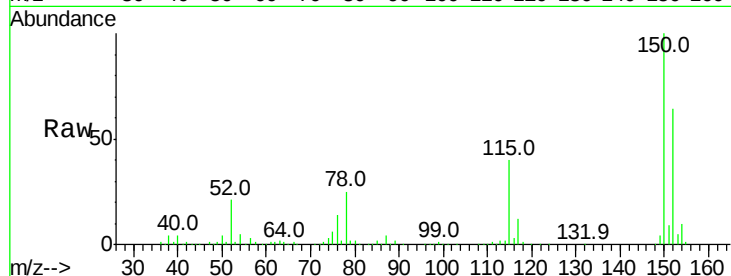
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Instrument :
BNA_F
ClientSampleId :
LT-TS-007

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.6	186.8
115	62.5	50.1	75.1

Manual Integrations
APPROVED

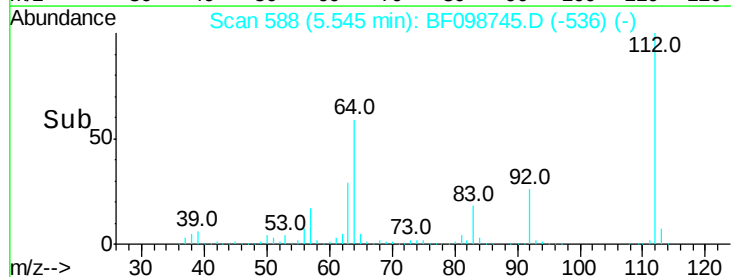
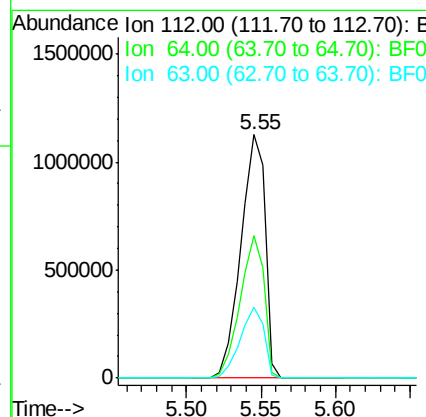
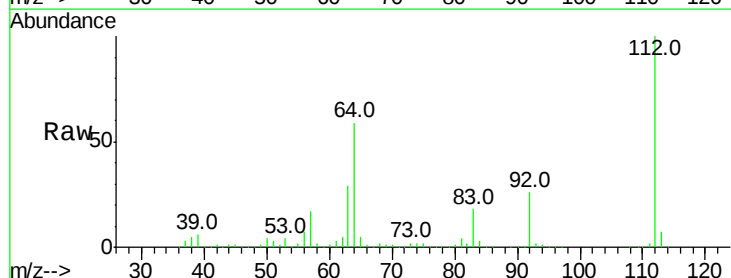
Sohil
9/25/2017 6:26:18 PM

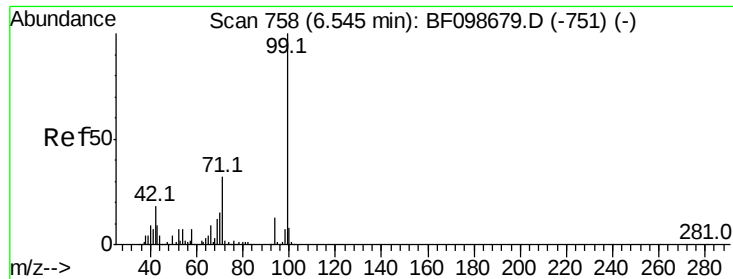


#5

2-Fluorophenol
Concen: 113.478 ng
RT: 5.55 min Scan# 588
Delta R.T. 0.01 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	47.9	71.9
63	29.1	23.7	35.5





#7

Phenol-d6

Concen: 113.694 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF098745.D

Acq: 23 Sep 2017 18:06

Instrument :

BNA_F

ClientSampleId :

LT-TS-007

Tot Ion: 99 Resp: 1580002

Ion Ratio Lower Upper

99 100

42 17.2 14.5 21.7

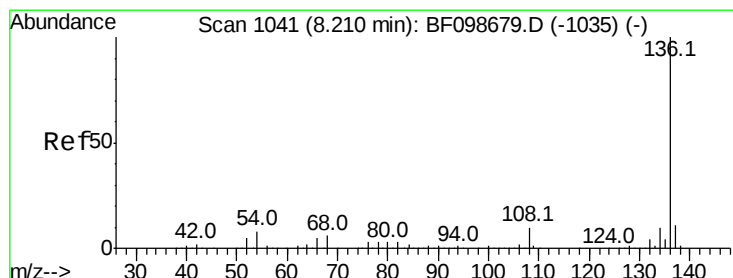
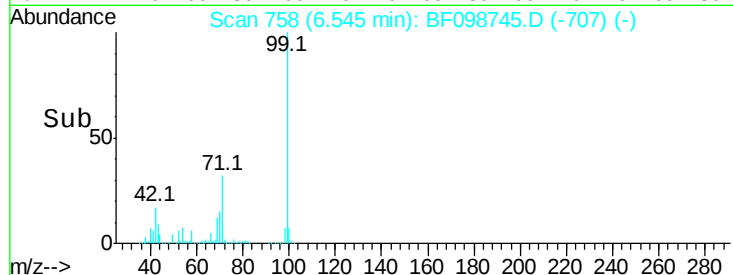
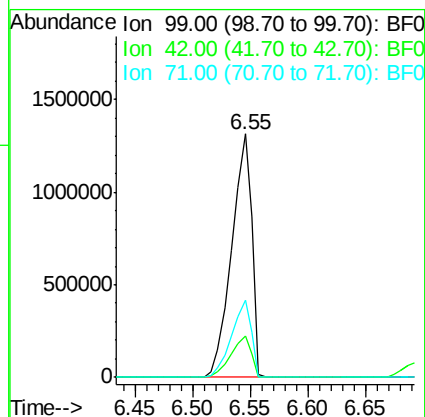
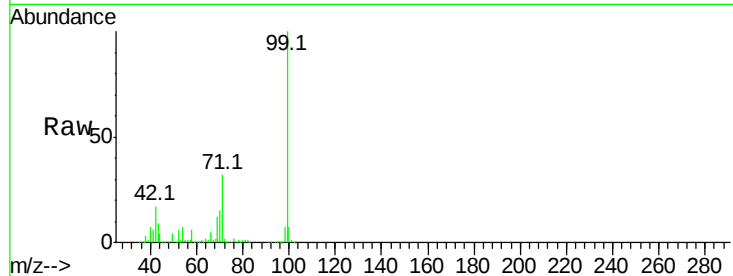
71 31.7 25.4 38.0

Manual Integrations

APPROVED

Sohil

9/25/2017 6:26:18 PM



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.20 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF098745.D

Acq: 23 Sep 2017 18:06

Tgt Ion: 136 Resp: 727695

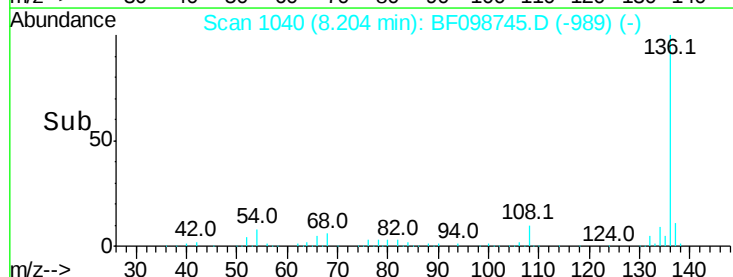
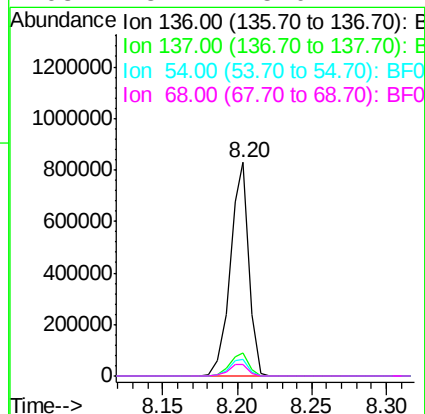
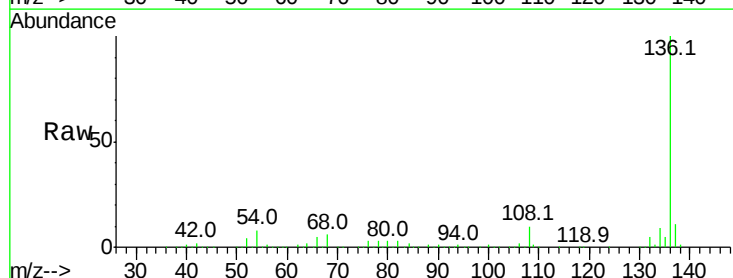
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.5 6.6 9.8

68 5.7 5.0 7.4





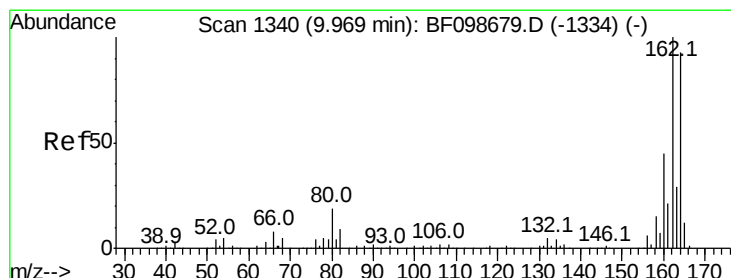
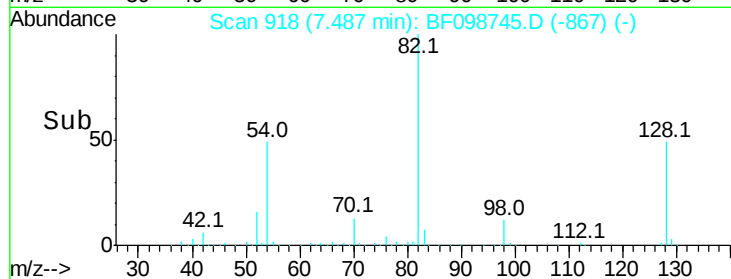
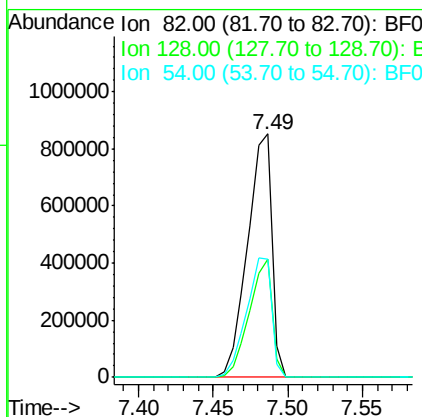
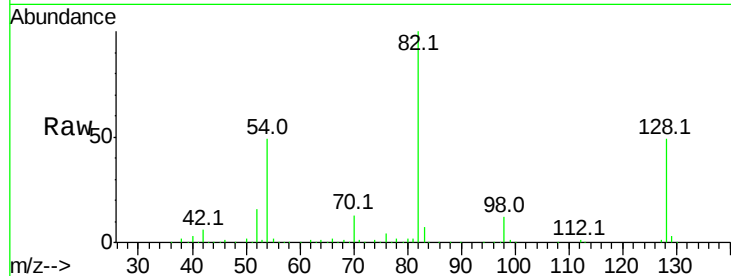
#23
 Nitrobenzene-d5
 Concen: 84.705 ng
 RT: 7.49 min Scan# 918
 Delta R.T. -0.00 min
 Lab File: BF098745.D
 Acq: 23 Sep 2017 18:06

Instrument :
 BNA_F
 ClientSampled :
 LT-TS-007

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.7	36.1	54.1
54	48.6	41.4	62.2

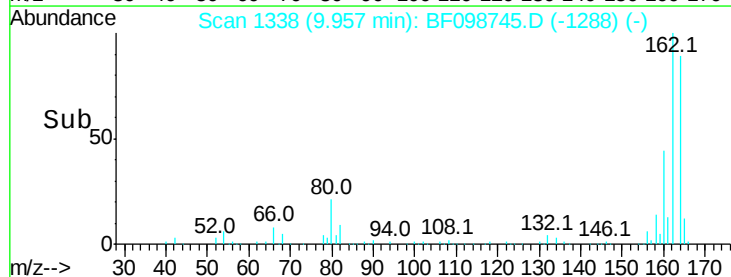
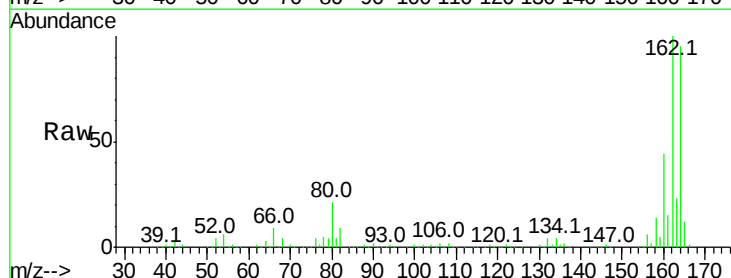
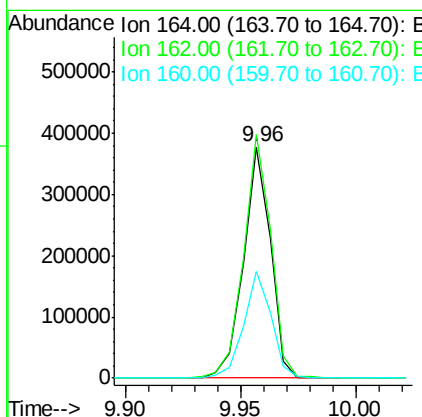
Manual Integrations
 APPROVED

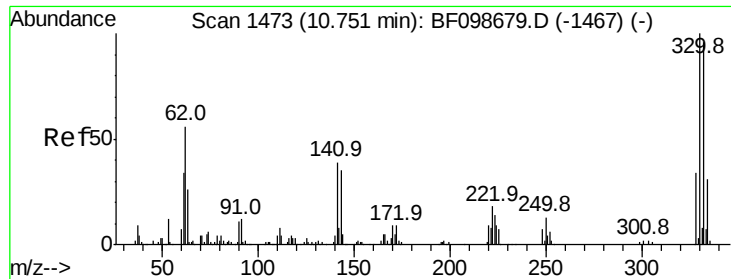
Sohil
 9/25/2017 6:26:18 PM



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF098745.D
 Acq: 23 Sep 2017 18:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.4	86.1	129.1
160	46.2	38.3	57.5





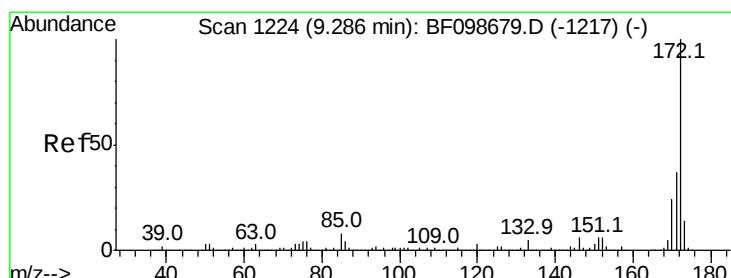
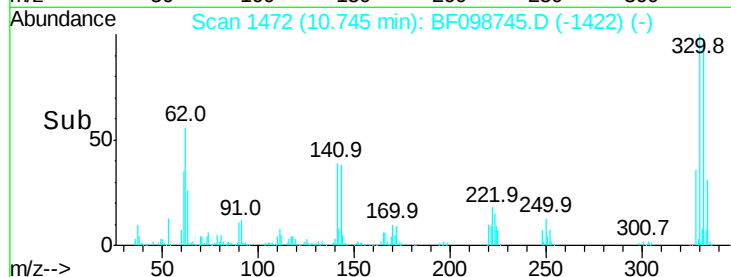
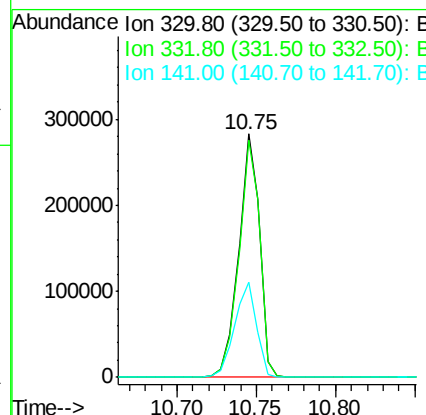
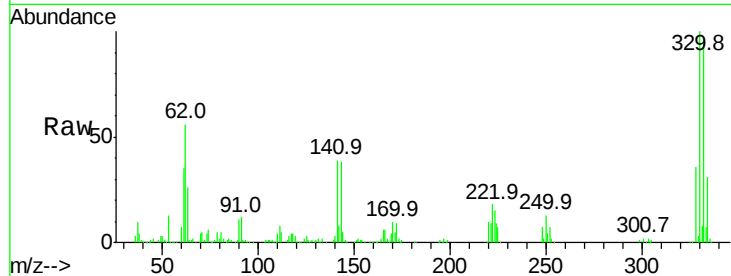
#41
 2,4,6-Tribromophenol
 Concen: 102.462 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF098745.D
 Acq: 23 Sep 2017 18:06

Instrument :
 BNA_F
 ClientSampleId :
 LT-TS-007

Tot Ion	Ratio	Resp	Lower	Upper
330	100	257730		
332	97.6	77.0	115.6	
141	41.0	29.9	44.9	

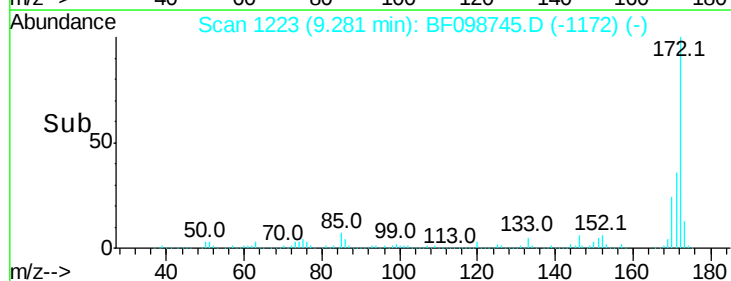
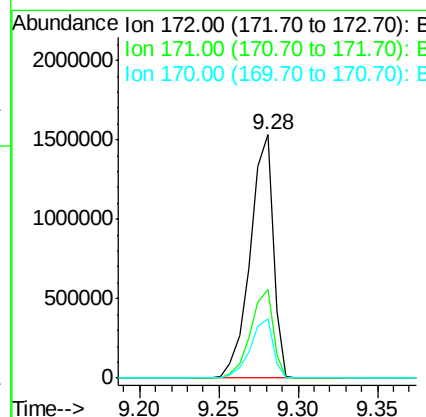
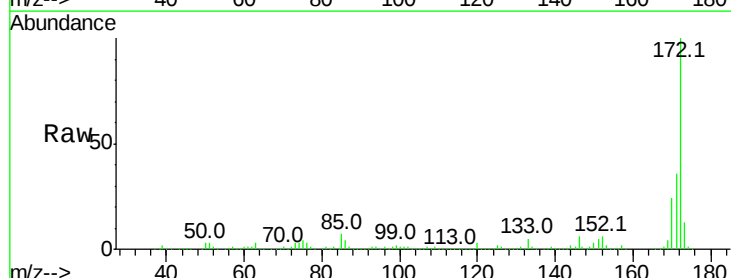
Manual Integrations
 APPROVED

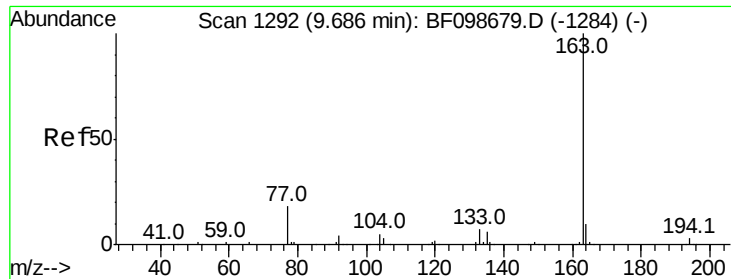
Sohil
 9/25/2017 6:26:18 PM



#44
 2-Fluorobiphenyl
 Concen: 83.543 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.00 min
 Lab File: BF098745.D
 Acq: 23 Sep 2017 18:06

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1538335		
171	36.5	29.7	44.5	
170	24.1	19.6	29.4	





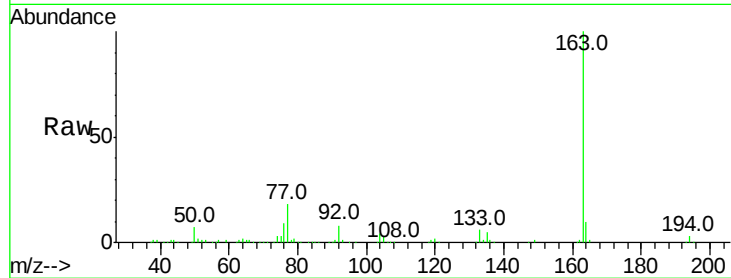
#49
Dimethylphthalate
Concen: 10.370 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Instrument :
BNA_F
ClientSampleId :
LT-TS-007

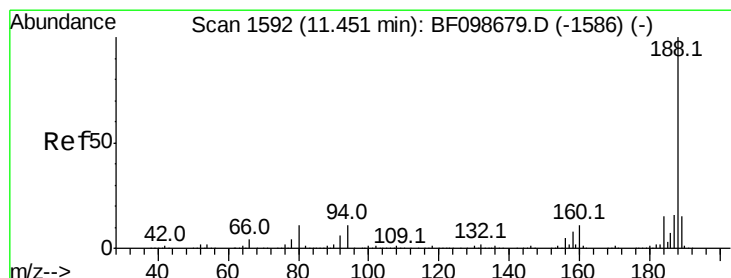
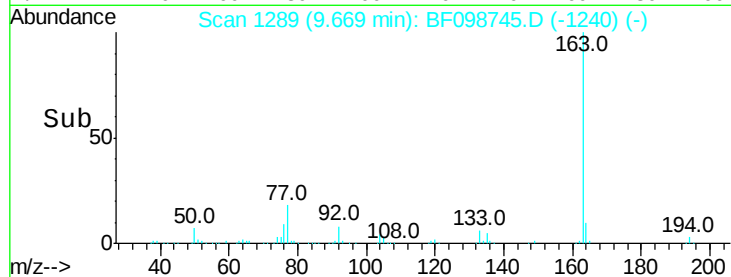
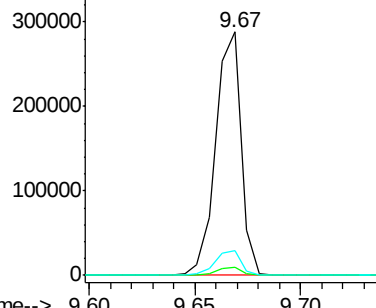
Tot Ion	Ratio	Resp	Lower	Upper
163	100	240605		
194	3.3		2.7	4.1
164	9.9		8.2	12.2

Manual Integrations
APPROVED

Sohil
9/25/2017 6:26:18 PM

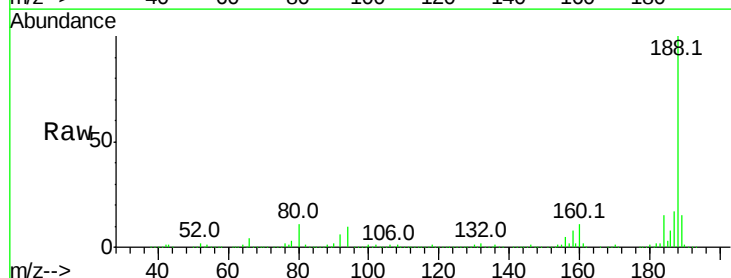


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

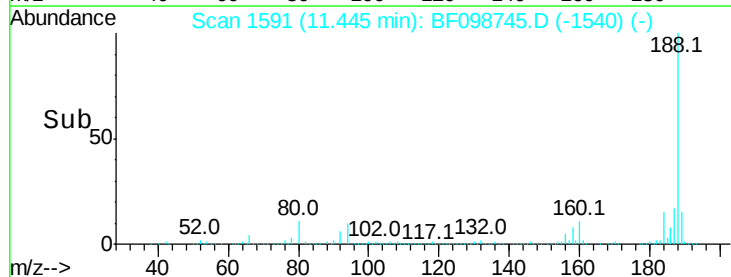
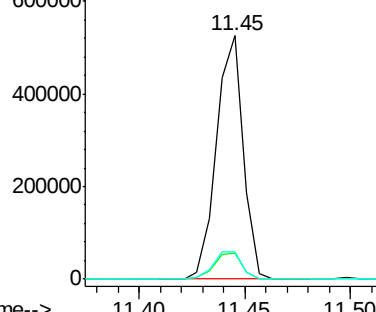


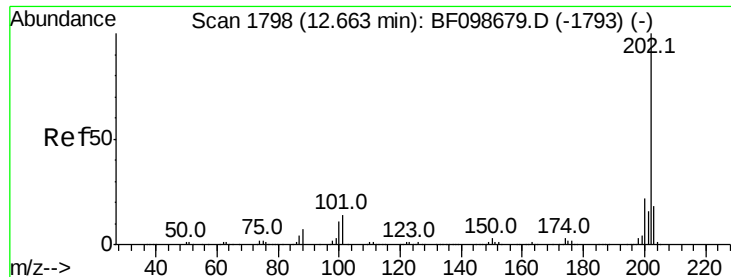
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.00 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	462625		
94	10.5		8.5	12.7
80	11.4		9.2	13.8



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: 3.013 ng

RT: 12.65 min Scan# 1796

Delta R.T. -0.01 min

Lab File: BF098745.D

Acq: 23 Sep 2017 18:06

Instrument :

BNA_F

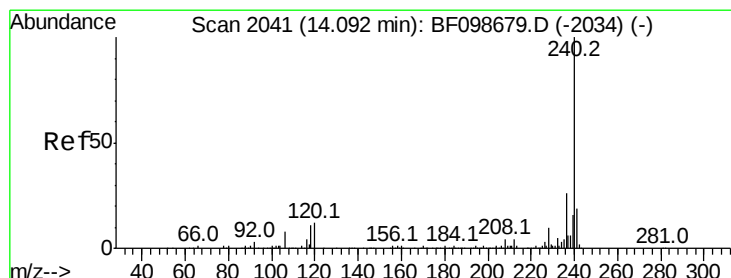
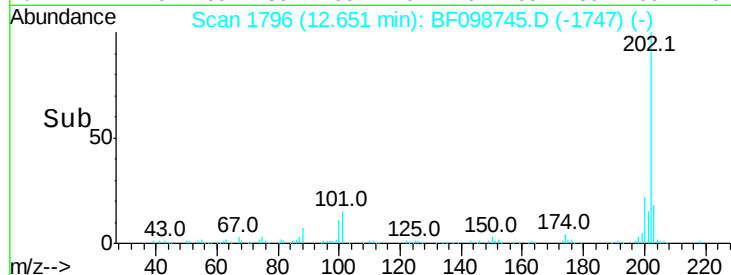
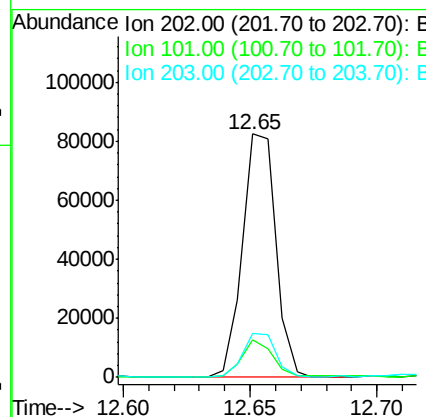
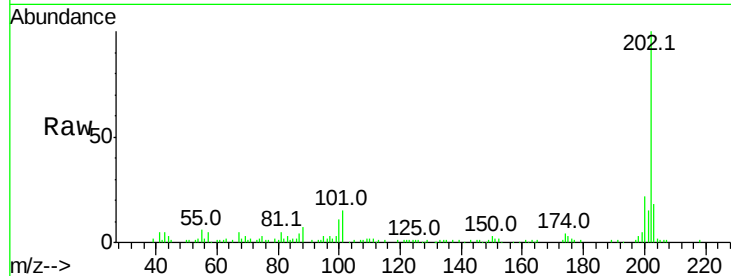
ClientSampled :

LT-TS-007

Tot Ion	Ratio	Resp	Lower	Upper
202	100	75545		
101	15.5	0.0	34.1	
203	18.1	0.0	38.1	

Manual Integrations
APPROVED

Sohil
9/25/2017 6:26:18 PM



#75

Chrysene-d12

Concen: 20.000 ng

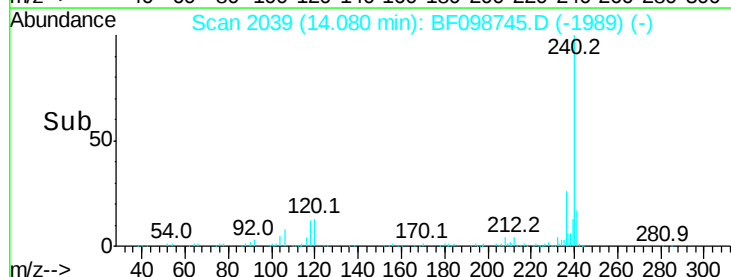
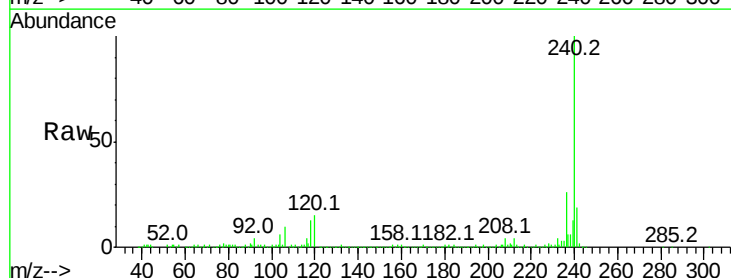
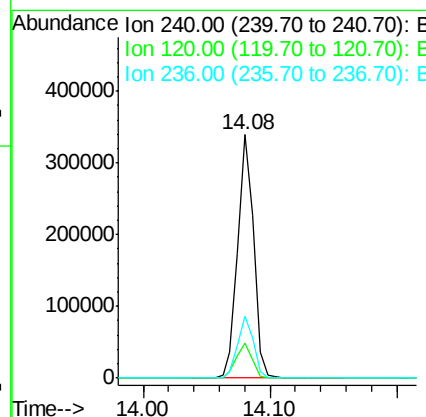
RT: 14.08 min Scan# 2039

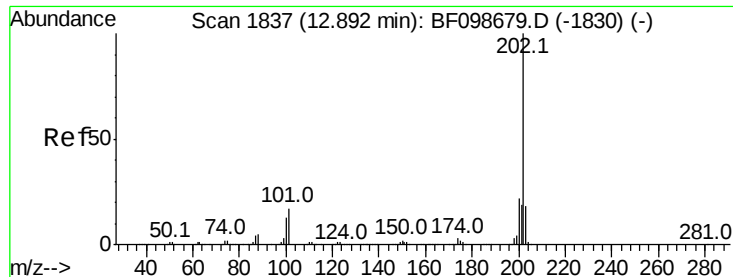
Delta R.T. -0.01 min

Lab File: BF098745.D

Acq: 23 Sep 2017 18:06

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	292736		
120	14.6	9.5	14.3#	
236	25.6	20.7	31.1	





#77

Pvrene

Concen: 3.278 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BF098745.D

Acq: 23 Sep 2017 18:06

Instrument :

BNA_F

ClientSampled :

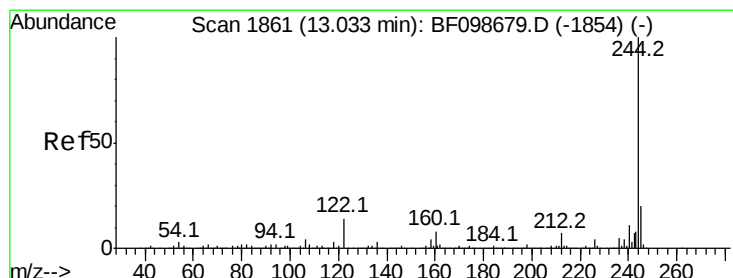
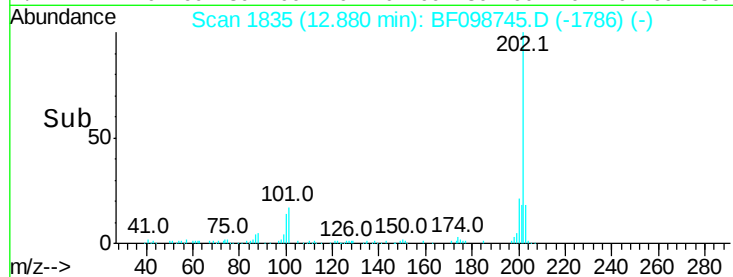
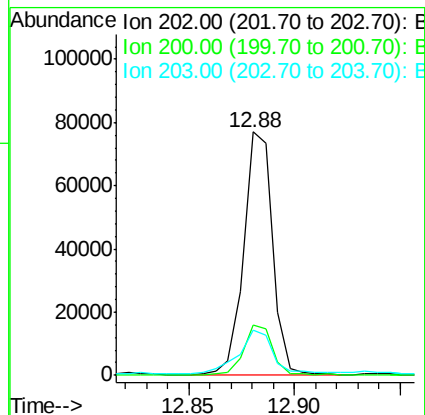
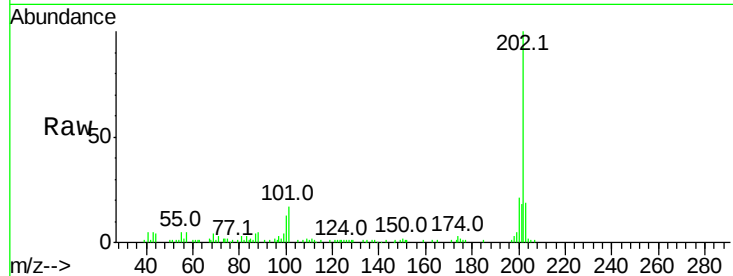
LT-TS-007

Tot Ion:	202	Resp:	73181
Ion Ratio	Lower	Upper	
202	100		
200	20.7	17.4	26.2
203	18.5	14.3	21.5

Manual Integrations
APPROVED

Sohil

9/25/2017 6:26:18 PM



#78

Terphenyl-d14

Concen: 77.555 ng

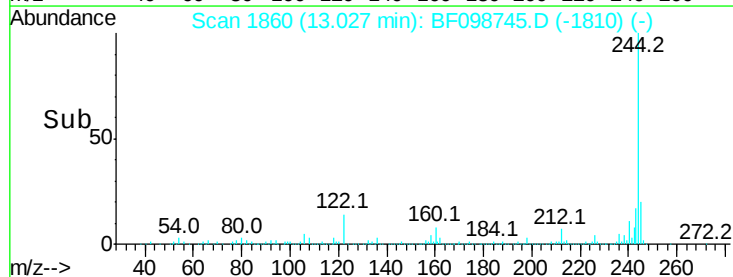
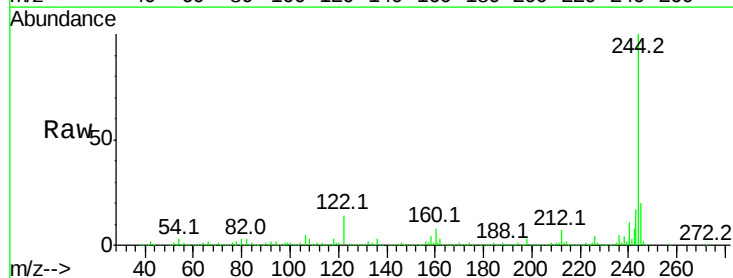
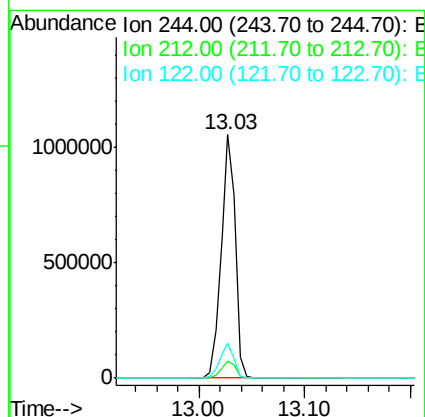
RT: 13.03 min Scan# 1860

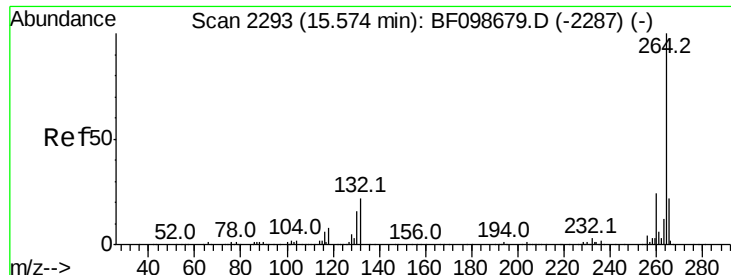
Delta R.T. -0.01 min

Lab File: BF098745.D

Acq: 23 Sep 2017 18:06

Tgt Ion:	244	Resp:	998285
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.4	8.0
122	14.5	11.0	16.4





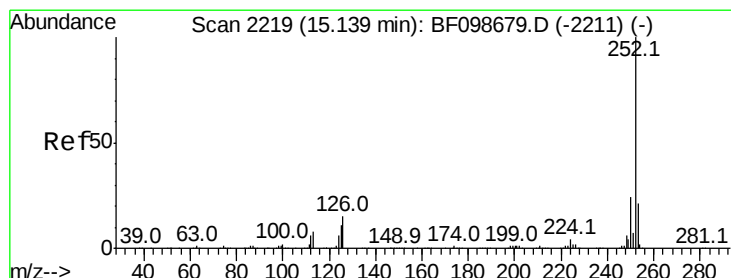
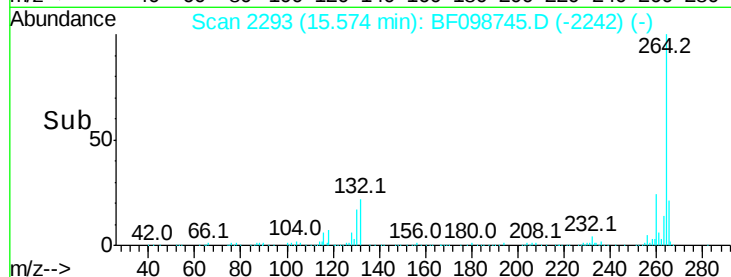
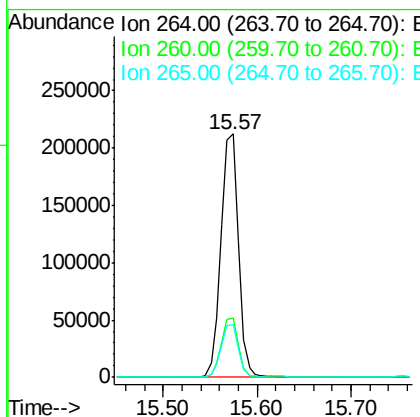
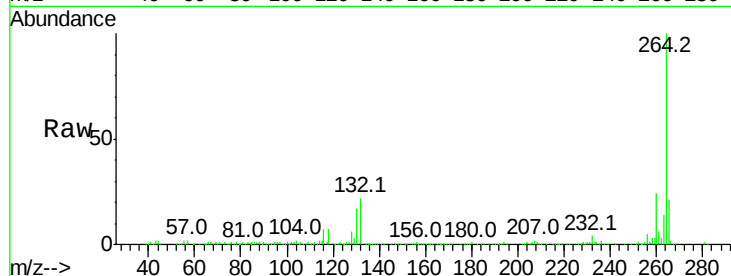
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Instrument :
BNA_F
ClientSampled :
LT-TS-007

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.5	17.5	26.3

Manual Integrations
APPROVED

Sohil
9/25/2017 6:26:18 PM



#87
Benzo(b)fluoranthene
Concen: 2.165 ng m
RT: 15.13 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF098745.D
Acq: 23 Sep 2017 18:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.0	25.6
125	14.7	9.0	13.6

