

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
 Data File : BF099322.D
 Acq On : 11 Oct 2017 1:37
 Operator : SJ/JU
 Sample : I5748-01 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-100617-A

Manual Integrations
 APPROVED

Sohil
 10/11/2017 7:25:14 PM

Quant Time: Oct 11 02:28:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	94321	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	334792	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	126524	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	209505	20.00	ng	0.00
75) Chrysene-d12	14.03	240	200520	20.00	ng	0.00
86) Perylene-d12	15.50	264	143917	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	152367	25.72	ng	0.00
7) Phenol-d6	6.49	99	172178	23.56	ng	-0.01
23) Nitrobenzene-d5	7.42	82	92217	17.66	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	24031	23.21	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	174984	23.09	ng	-0.01
78) Terphenyl-d14	12.97	244	146421	16.61	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.61	163	27700	2.901	ng	99
70) Phenanthrene	11.41	178	70140	6.255	ng	97
74) Fluoranthene	12.60	202	127263	11.207	ng	95
77) Pyrene	12.83	202	125283	8.194	ng	99
80) Benzo(a)anthracene	14.02	228	60134	4.953	ng	96
82) Chrysene	14.06	228	60869	5.266	ng	98
87) Benzo(b)fluoranthene	15.07	252	54792m	6.192	ng	
89) Benzo(a)pyrene	15.44	252	36710	4.520	ng	# 93
91) Benzo(g,h,i)perylene	17.44	276	19923	3.101	ng	# 87

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

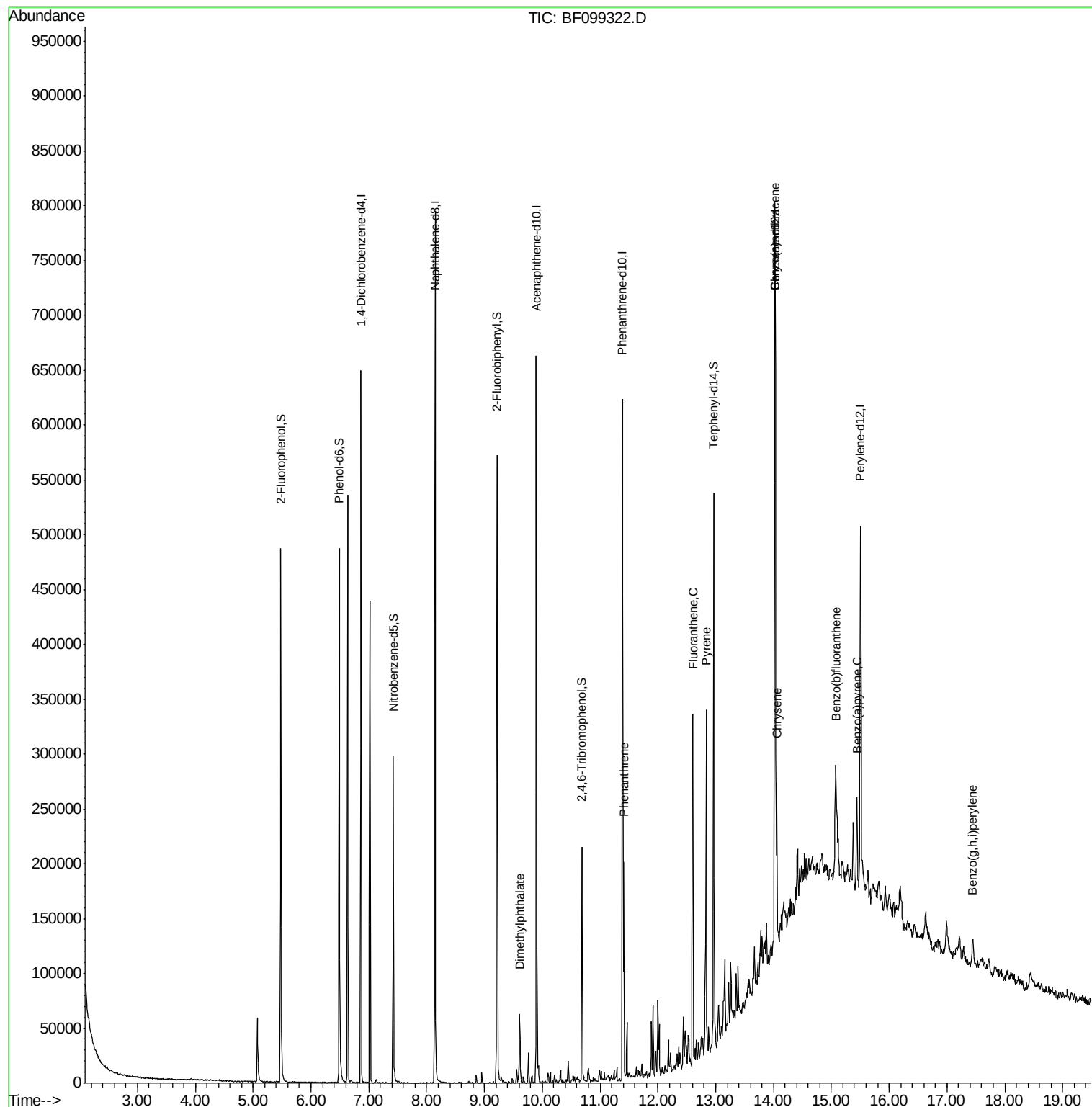
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
Data File : BF099322.D
Acq On : 11 Oct 2017 1:37
Operator : SJ/JU
Sample : I5748-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

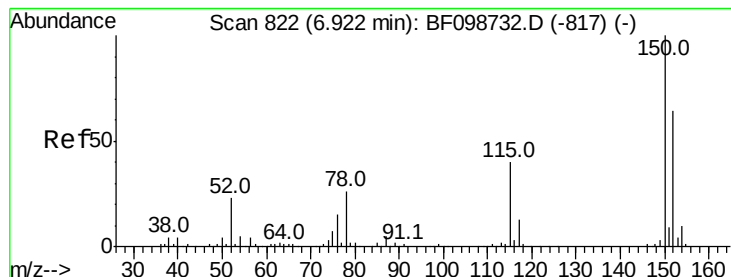
Instrument :
BNA_F
ClientSampleId :
CL-01-100617-A

Manual Integrations
APPROVED

Sohil
10/11/2017 7:25:14 PM

Quant Time: Oct 11 02:28:57 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 05 17:20:48 2017
Response via : Initial Calibration





#1

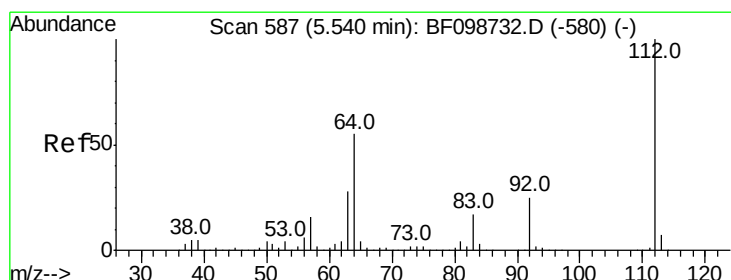
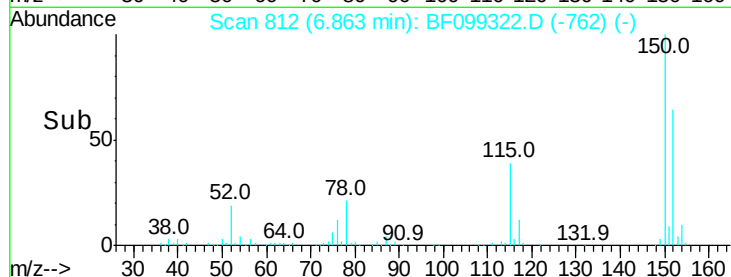
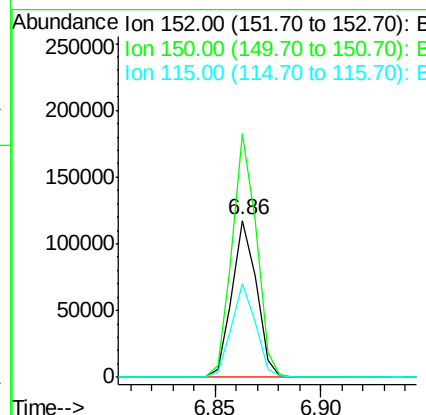
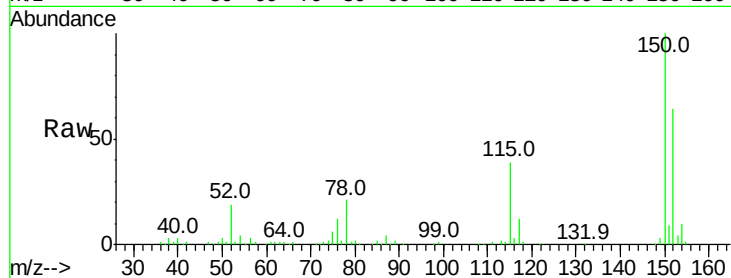
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099322.D
Acq: 11 Oct 2017 1:37

Instrument :
BNA_F
ClientSampleId :
CL-01-100617-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.6	186.8
115	60.1	50.1	75.1

Manual Integrations
APPROVED

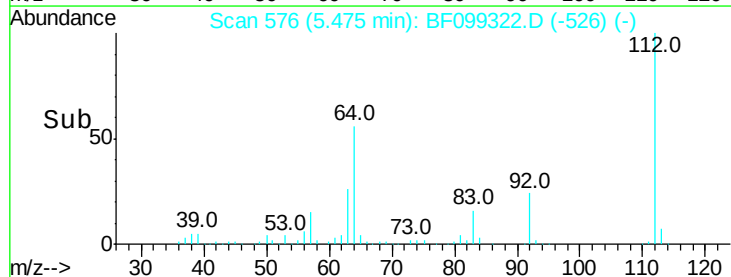
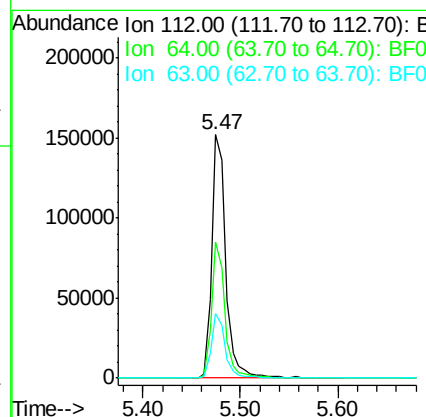
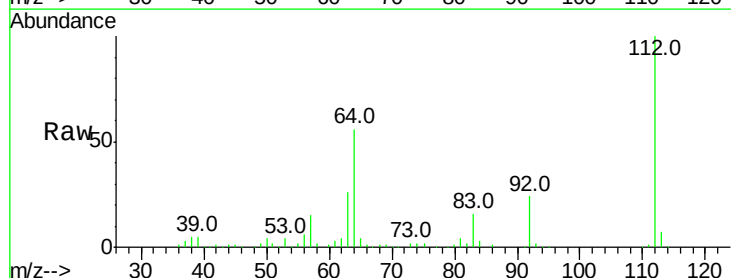
Sohil
10/11/2017 7:25:14 PM

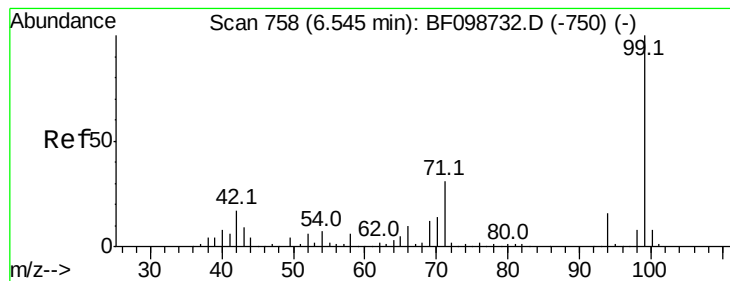


#5

2-Fluorophenol
Concen: 25.716 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF099322.D
Acq: 11 Oct 2017 1:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.0	47.9	71.9
63	26.4	23.7	35.5





#7

Phenol-d6

Concen: 23.556 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF099322.D

Acq: 11 Oct 2017 1:37

Instrument :

BNA_F

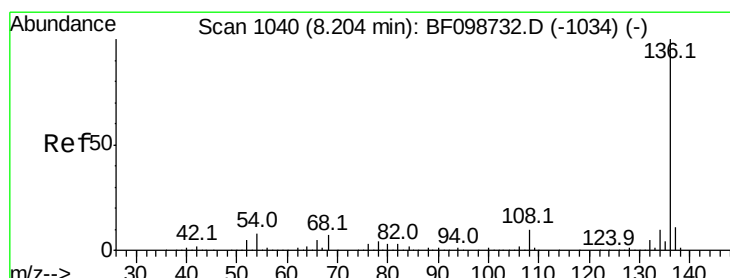
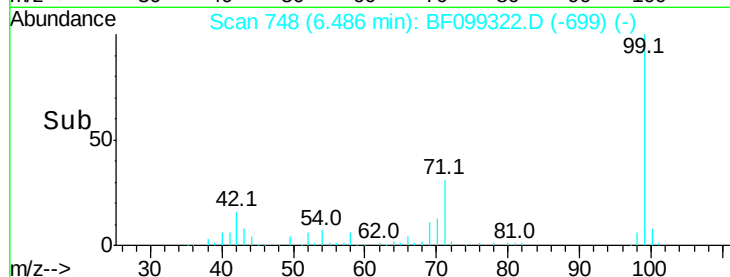
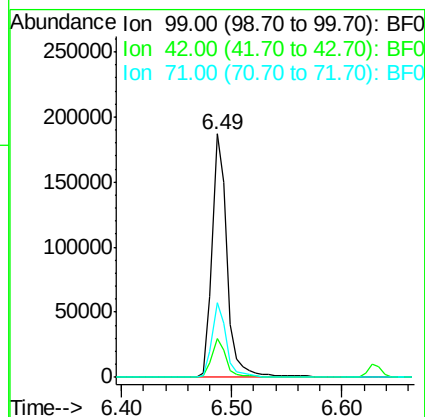
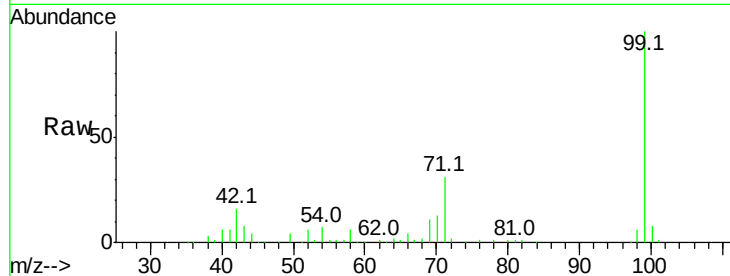
ClientSampleId :

CL-01-100617-A

Tot Ion:	99	Resp:	172178
Ion Ratio	Lower	Upper	
99	100		
42	16.1	14.5	21.7
71	30.7	25.4	38.0

Manual Integrations
APPROVED

Sohil
10/11/2017 7:25:14 PM



#21

Naphthalene-d8

Concen: 20.000 ng

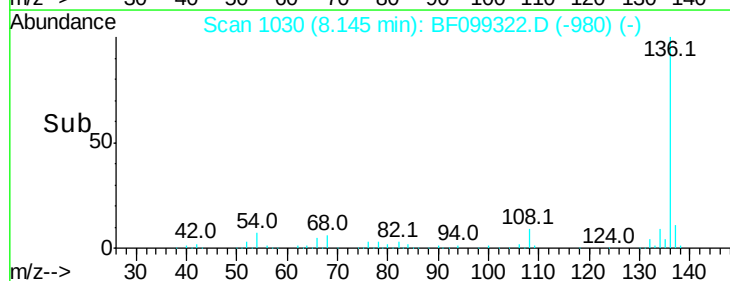
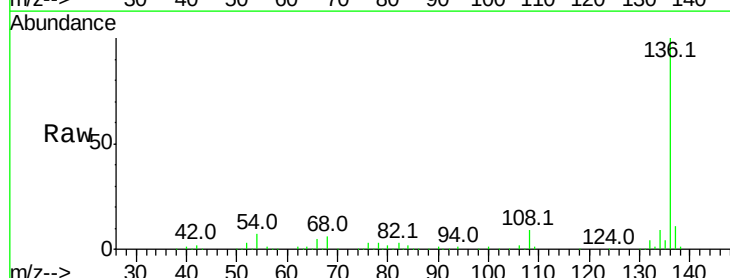
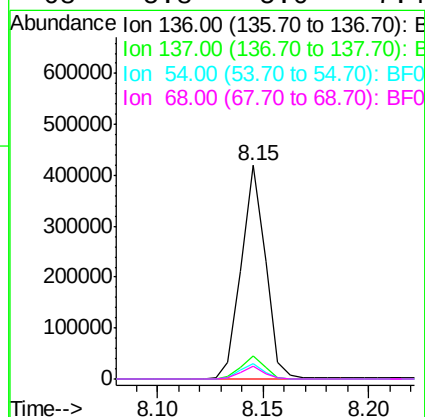
RT: 8.15 min Scan# 1030

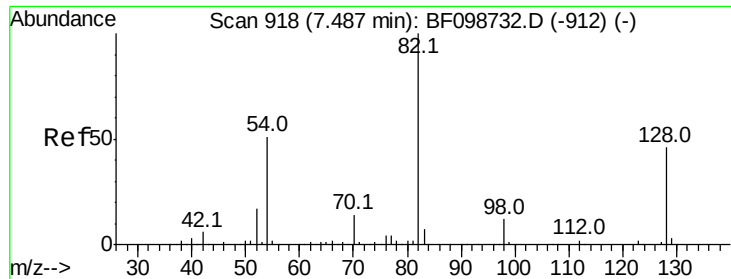
Delta R.T. -0.01 min

Lab File: BF099322.D

Acq: 11 Oct 2017 1:37

Tgt Ion:	136	Resp:	334792
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.9	13.3
54	7.1	6.6	9.8
68	5.8	5.0	7.4





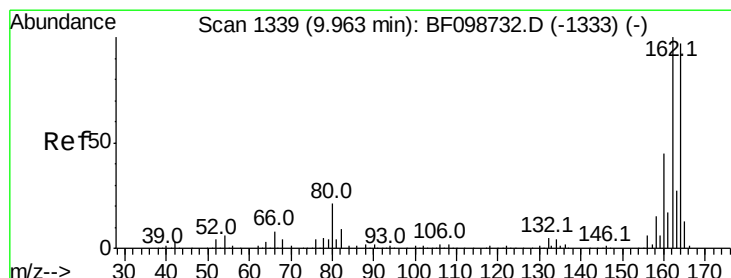
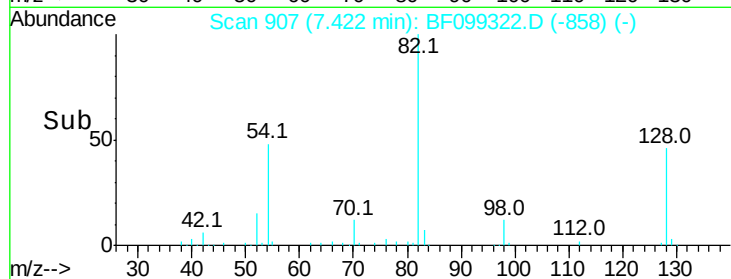
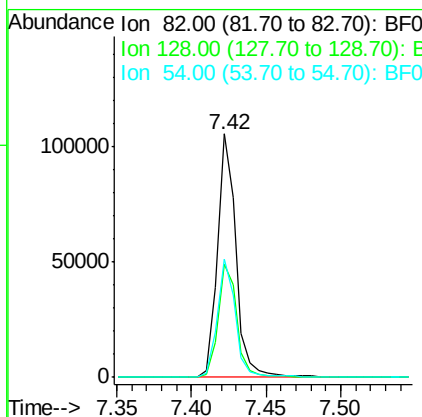
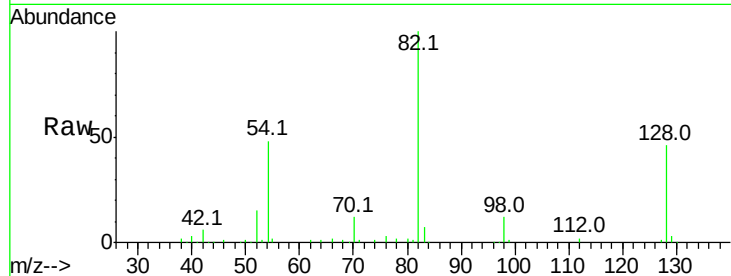
#23
Nitrobenzene-d5
Concen: 17.664 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF099322.D
Acq: 11 Oct 2017 1:37

Instrument :
BNA_F
ClientSampleId :
CL-01-100617-A

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.1	54.1
54	48.4	41.4	62.2

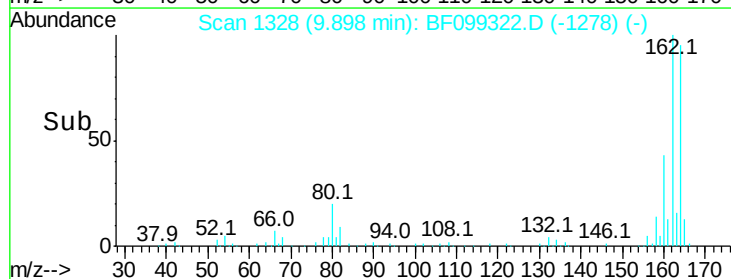
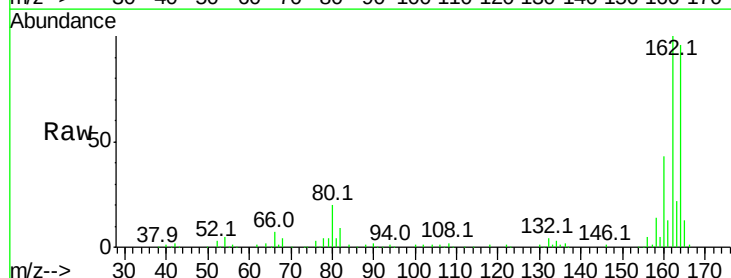
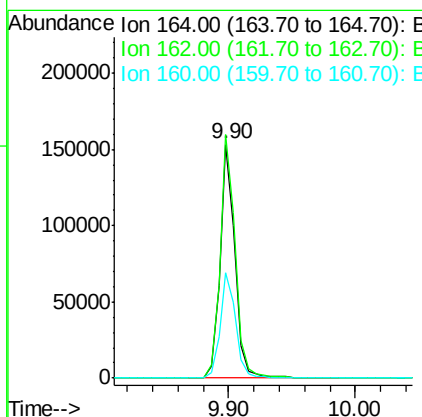
Manual Integrations
APPROVED

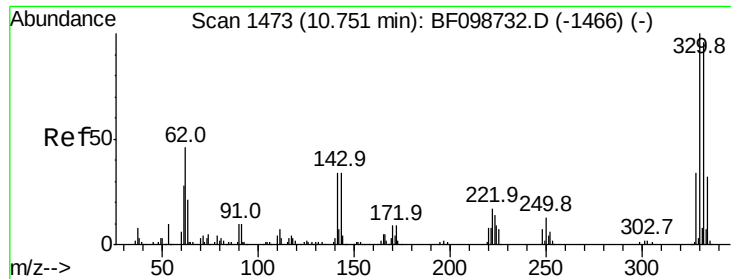
Sohil
10/11/2017 7:25:14 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099322.D
Acq: 11 Oct 2017 1:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	86.1	129.1
160	45.1	38.3	57.5





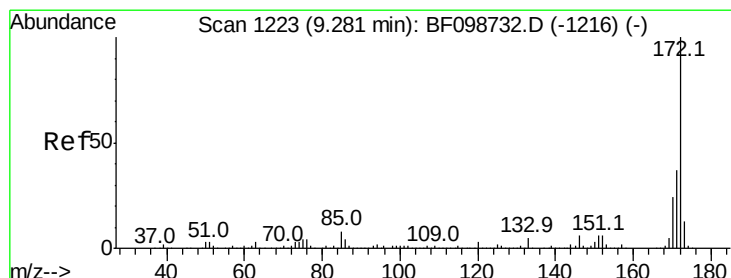
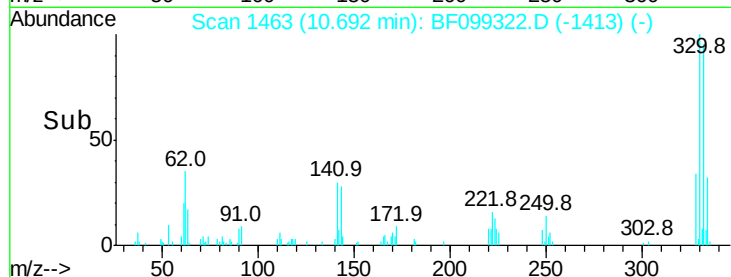
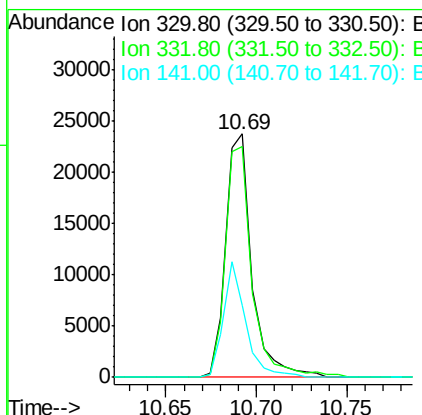
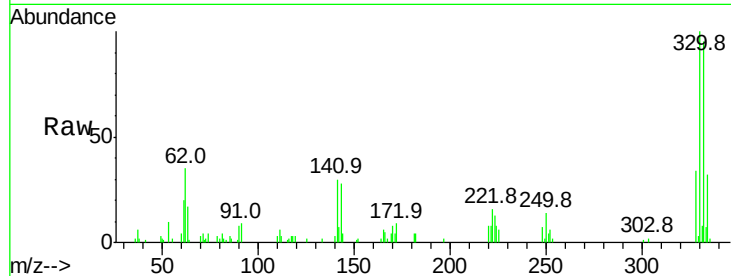
#41
 2,4,6-Tribromophenol
 Concen: 23.211 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF099322.D
 Acq: 11 Oct 2017 1:37

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-100617-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	40.4	29.9	44.9

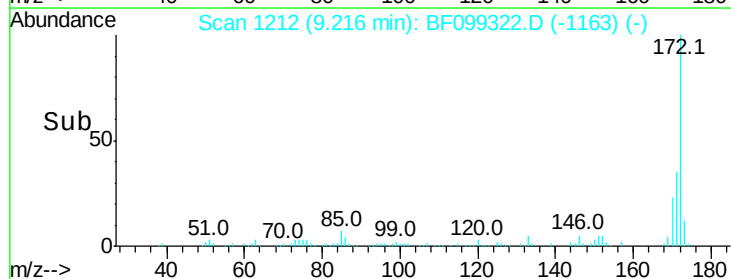
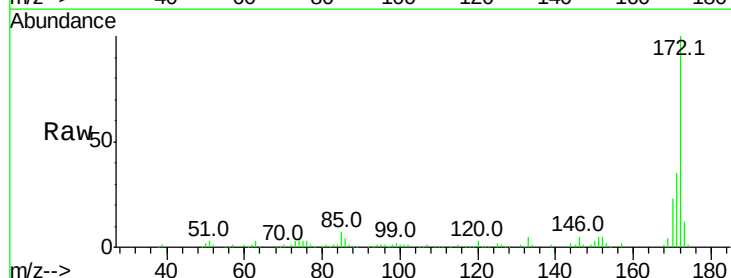
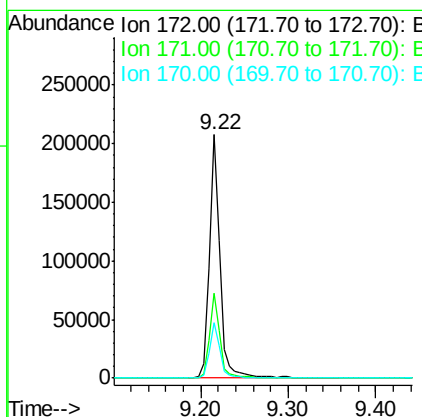
Manual Integrations
 APPROVED

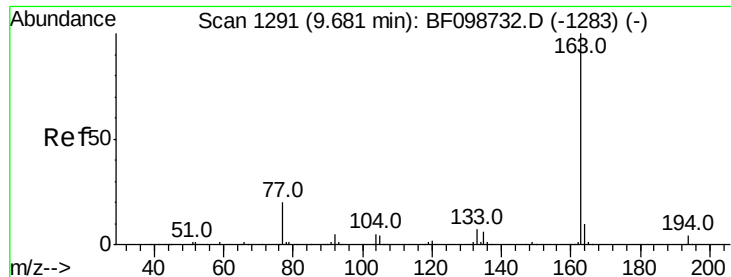
Sohil
 10/11/2017 7:25:14 PM



#44
 2-Fluorobiphenyl
 Concen: 23.088 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF099322.D
 Acq: 11 Oct 2017 1:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.7	44.5
170	22.7	19.6	29.4





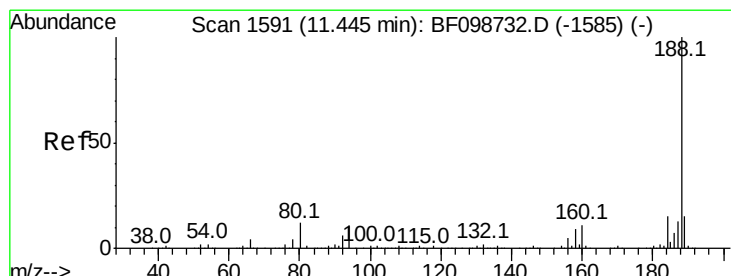
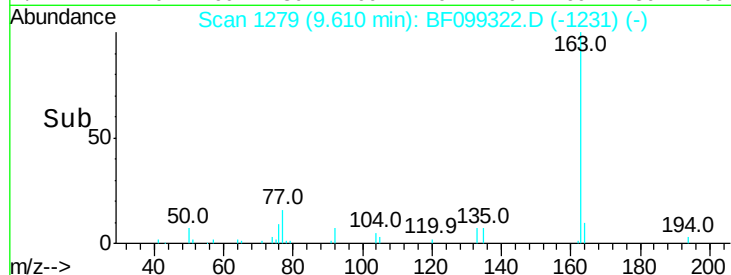
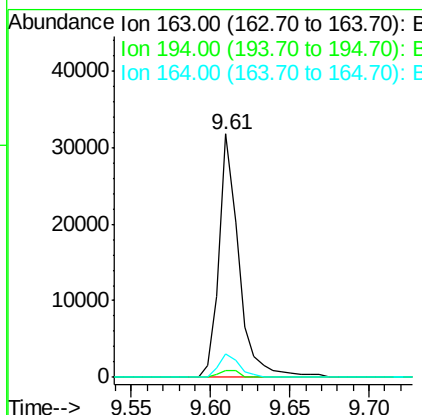
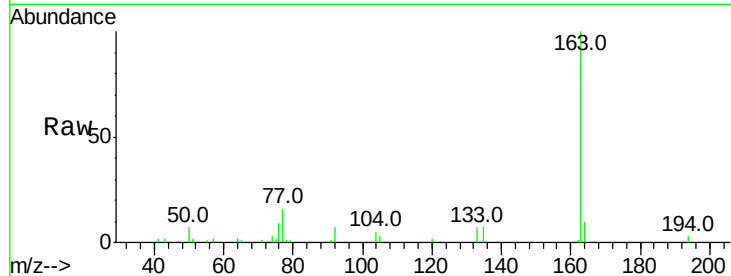
#49
Dimethylphthalate
Concen: 2.901 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF099322.D
Acq: 11 Oct 2017 1:37

Instrument :
BNA_F
ClientSampleId :
CL-01-100617-A

Tot Ion	Ratio	Resp	Lower	Upper
163	100	27700		
194	2.8		2.7	4.1
164	9.8		8.2	12.2

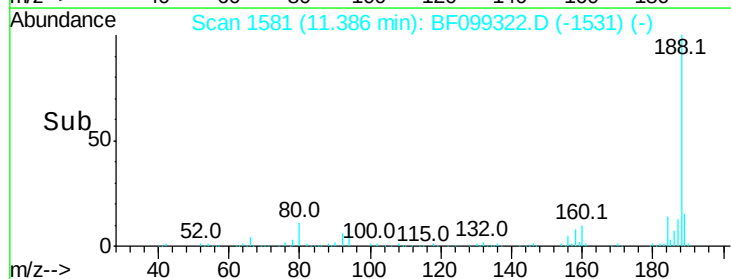
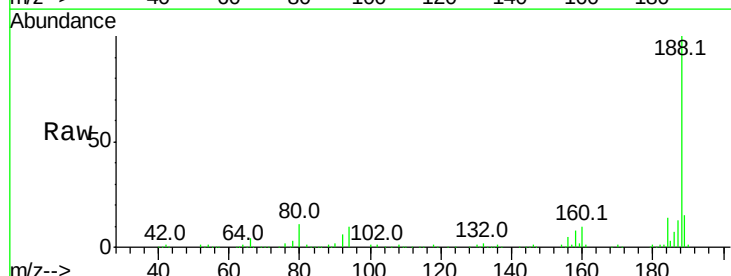
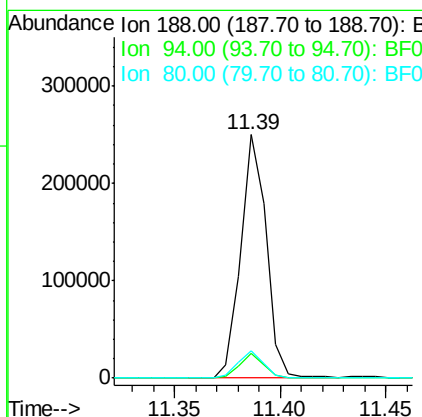
Manual Integrations
APPROVED

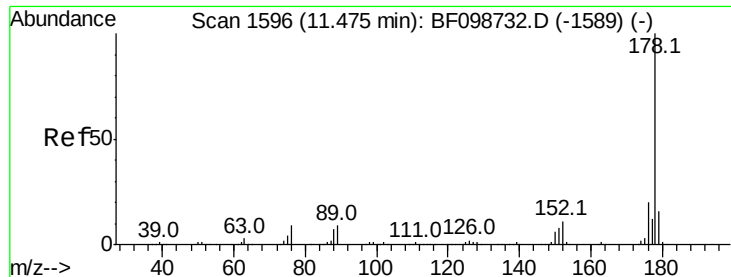
Sohil
10/11/2017 7:25:14 PM



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099322.D
Acq: 11 Oct 2017 1:37

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	209505		
94	10.3		8.5	12.7
80	11.3		9.2	13.8





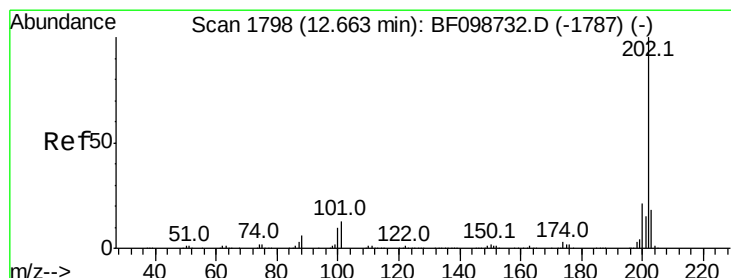
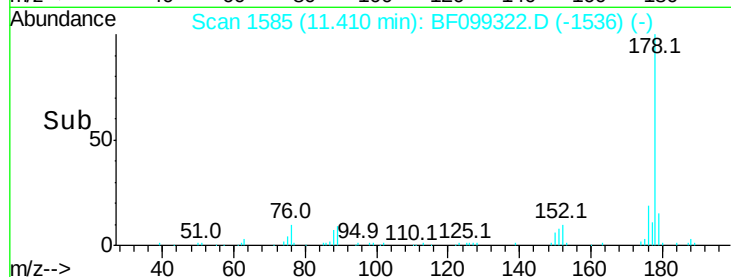
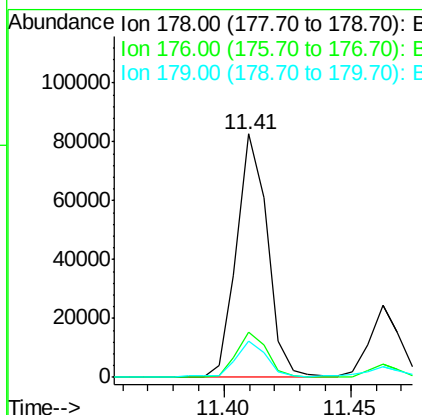
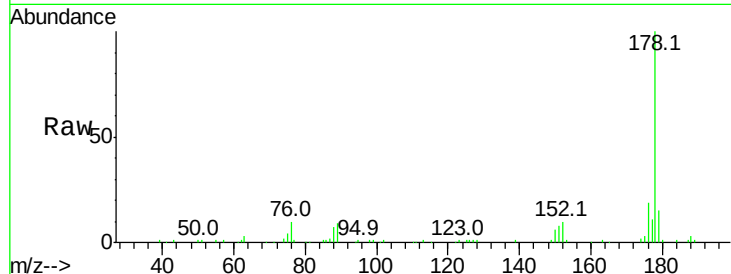
#70
Phenanthrene
Concen: 6.255 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF099322.D
Acq: 11 Oct 2017 1:37

Instrument :
BNA_F
ClientSampleId :
CL-01-100617-A

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	14.9	13.0	19.6

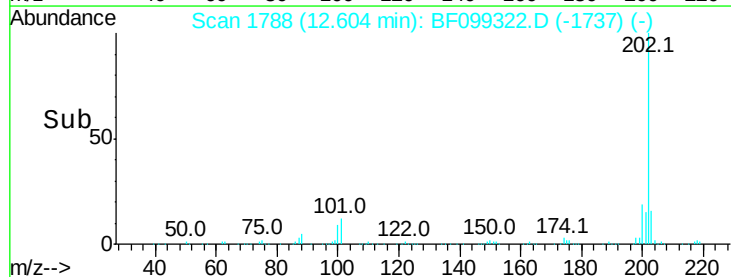
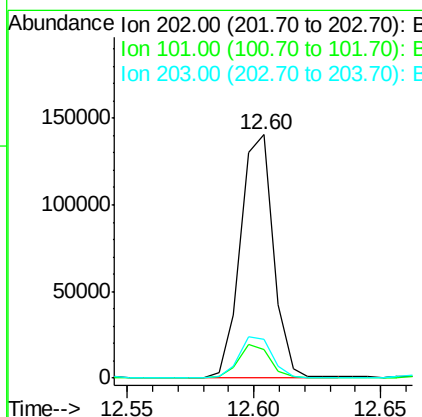
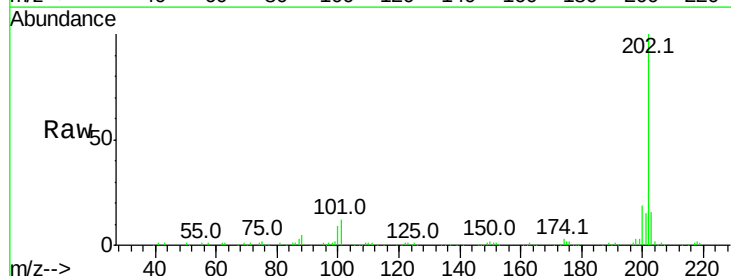
Manual Integrations
APPROVED

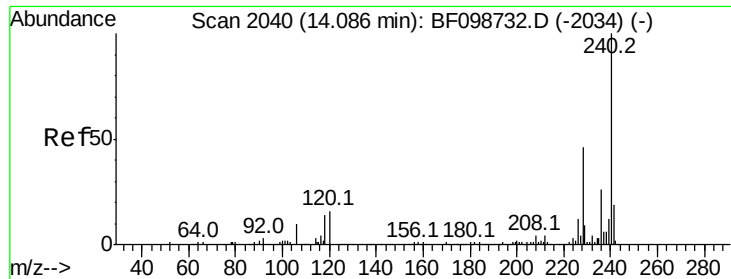
Sohil
10/11/2017 7:25:14 PM



#74
Fluoranthene
Concen: 11.207 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.00 min
Lab File: BF099322.D
Acq: 11 Oct 2017 1:37

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	34.1
203	16.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF099322.D

Acq: 11 Oct 2017 1:37

Instrument :

BNA_F

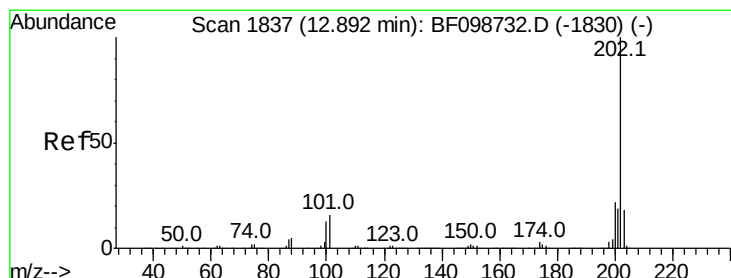
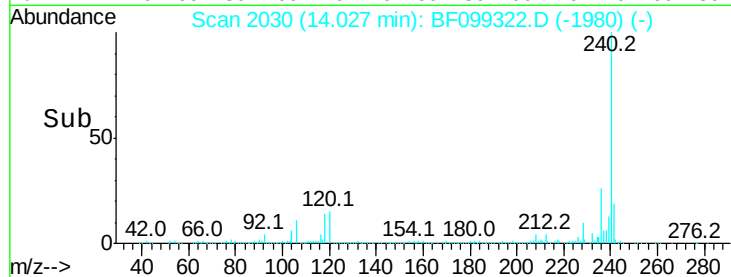
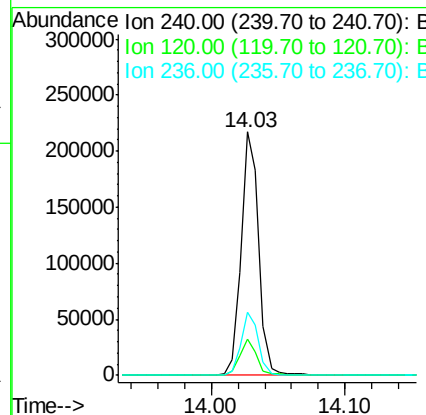
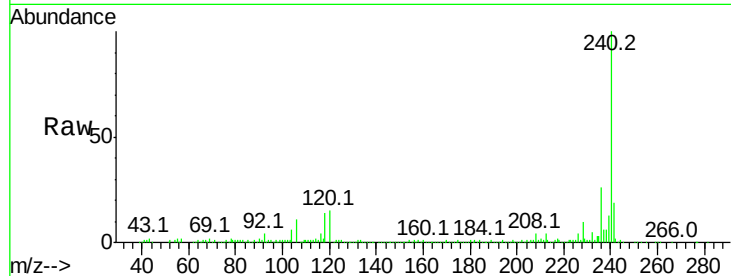
ClientSampleId :

CL-01-100617-A

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.9	9.5	14.3#
236	26.0	20.7	31.1

Manual Integrations
APPROVED

Sohil
10/11/2017 7:25:14 PM



#77

Pyrene

Concen: 8.194 ng

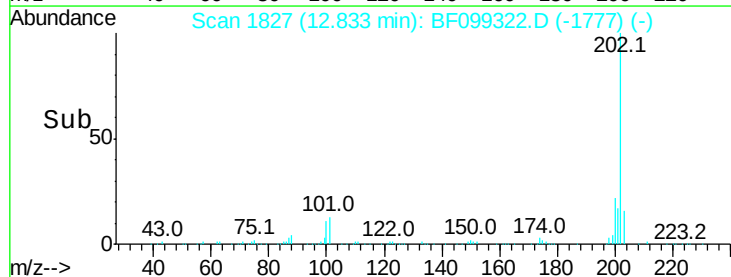
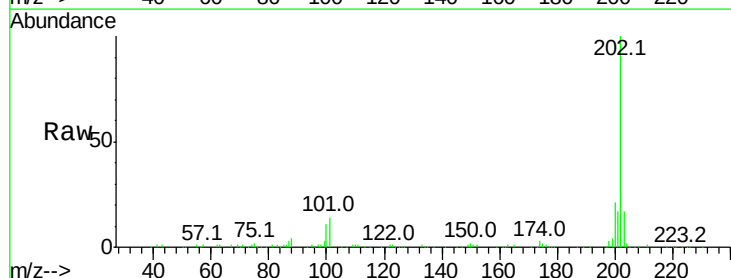
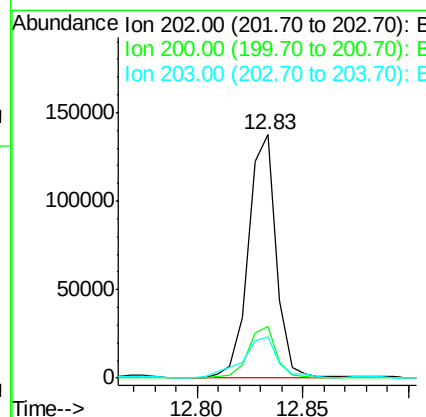
RT: 12.83 min Scan# 1827

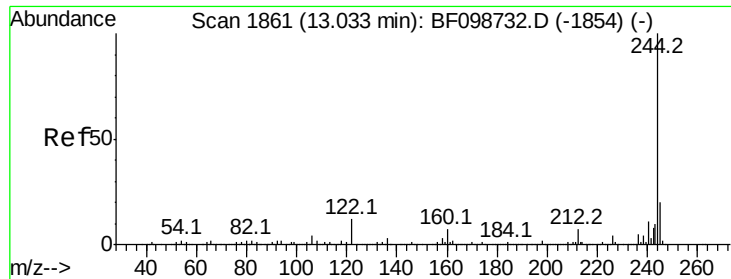
Delta R.T. -0.01 min

Lab File: BF099322.D

Acq: 11 Oct 2017 1:37

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	16.9	14.3	21.5





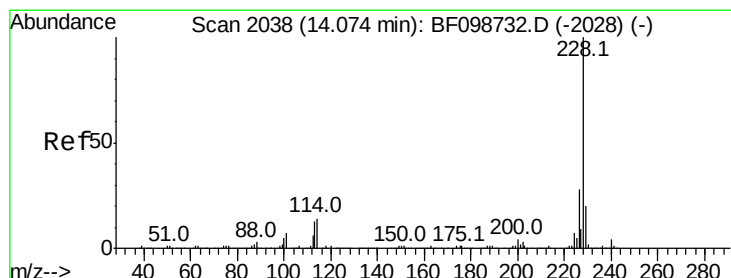
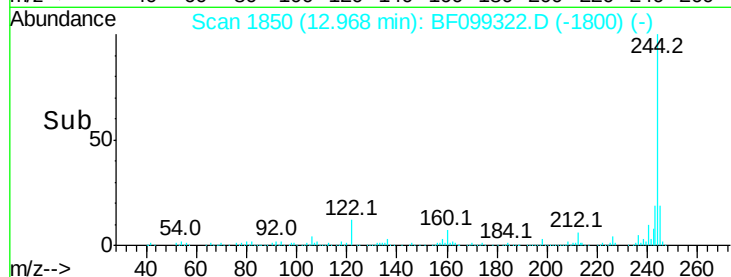
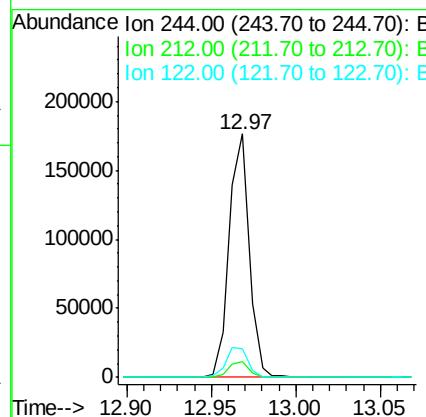
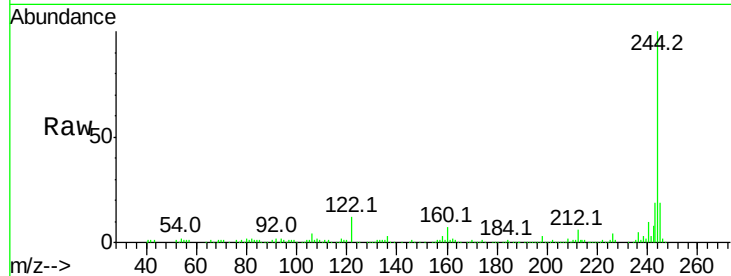
#78
 Terphenyl-d14
 Concen: 16.606 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BF099322.D
 Acq: 11 Oct 2017 1:37

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-100617-A

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	12.0	11.0	16.4

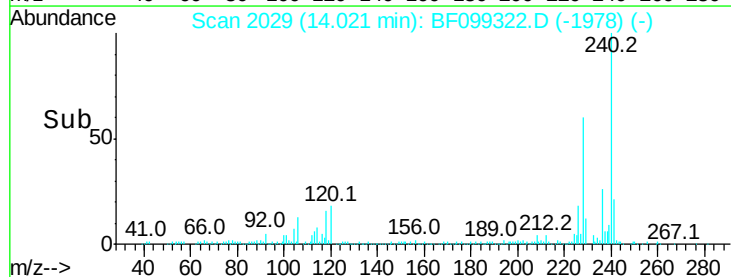
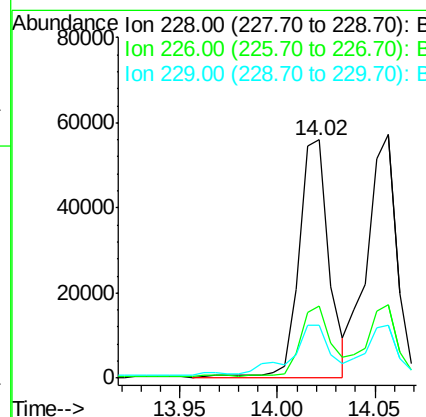
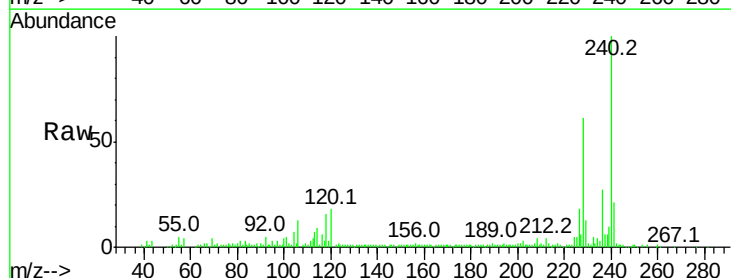
Manual Integrations
 APPROVED

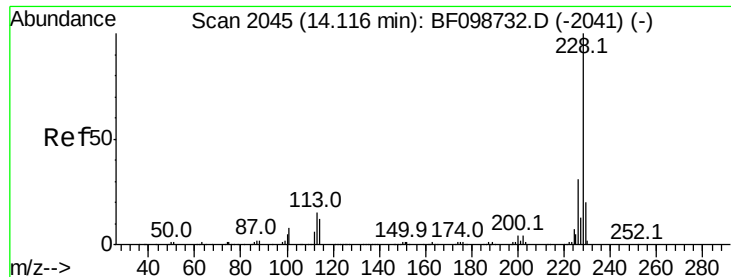
Sohil
 10/11/2017 7:25:14 PM



#80
 Benzo(a)anthracene
 Concen: 4.953 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.00 min
 Lab File: BF099322.D
 Acq: 11 Oct 2017 1:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	22.6	33.8
229	22.0	15.8	23.6





#82

Chrysene

Concen: 5.266 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF099322.D

Acq: 11 Oct 2017 1:37

Instrument :

BNA_F

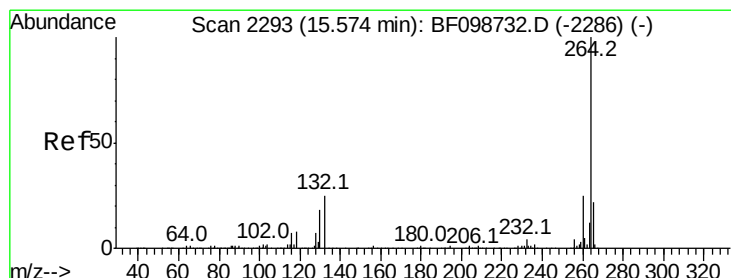
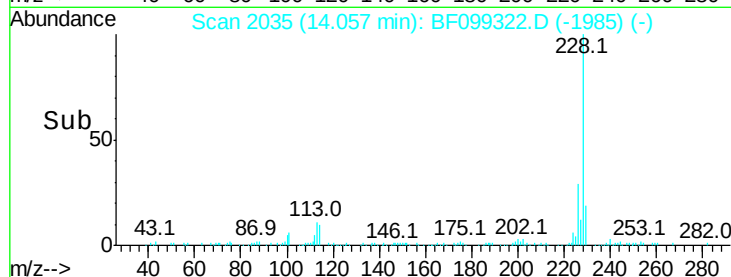
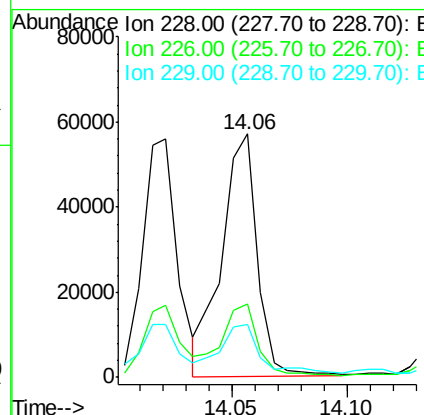
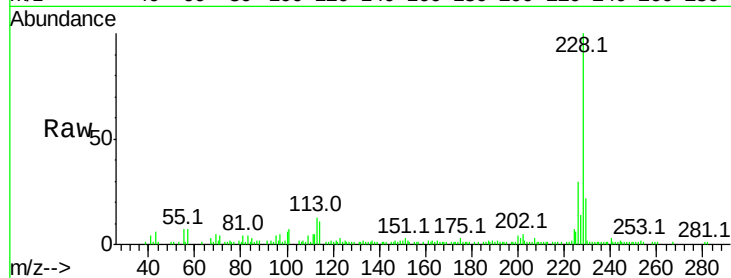
ClientSampleId :

CL-01-100617-A

Tot Ion:	228	Resp:	60869
Ion Ratio	Lower	Upper	
228	100		
226	30.4	25.0	37.6
229	21.7	16.2	24.4

Manual Integrations
APPROVED

Sohil
10/11/2017 7:25:14 PM



#86

Perylene-d12

Concen: 20.000 ng

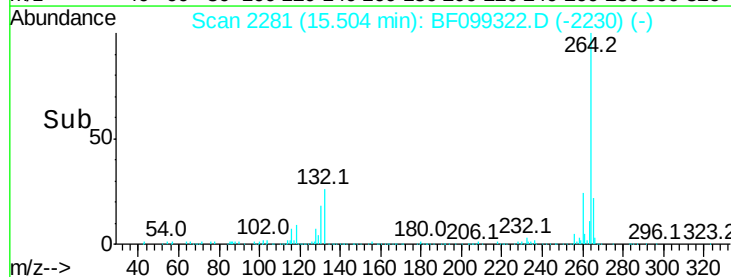
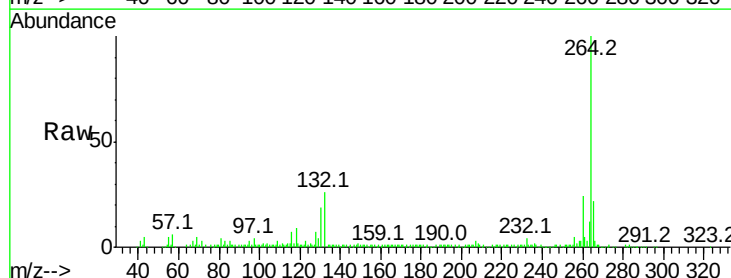
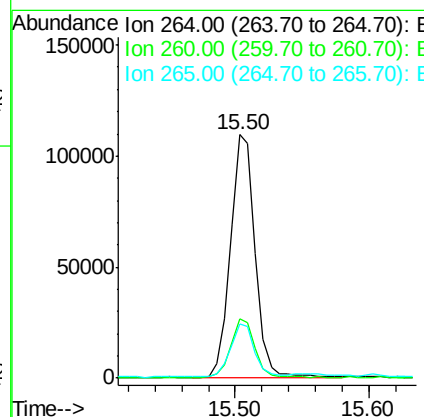
RT: 15.50 min Scan# 2281

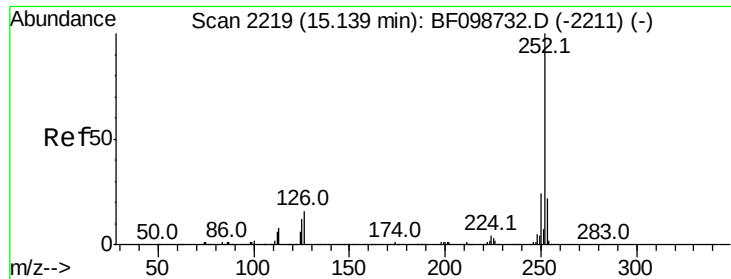
Delta R.T. -0.00 min

Lab File: BF099322.D

Acq: 11 Oct 2017 1:37

Tgt Ion:	264	Resp:	143917
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.2	28.8
265	22.1	17.5	26.3





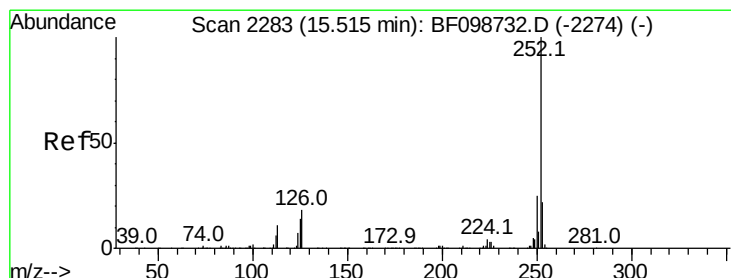
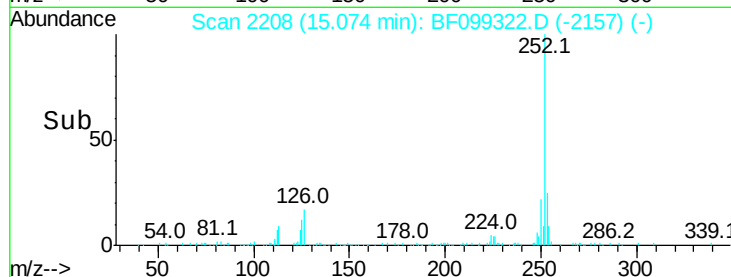
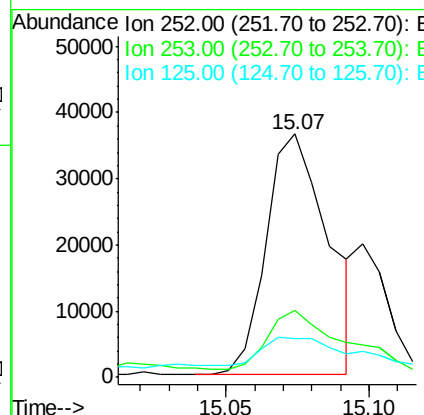
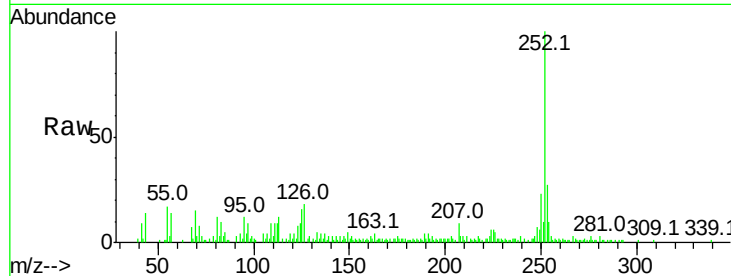
#87
Benzo(b)fluoranthene
Concen: 6.192 ng/mL
RT: 15.07 min Scan# 2208
Delta R.T. -0.00 min
Lab File: BF099322.D
Acq: 11 Oct 2017 1:37

Instrument :
BNA_F
ClientSampleID :
CL-01-100617-A

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	27.2	17.0	25.6#	
125	16.1	9.0	13.6#	

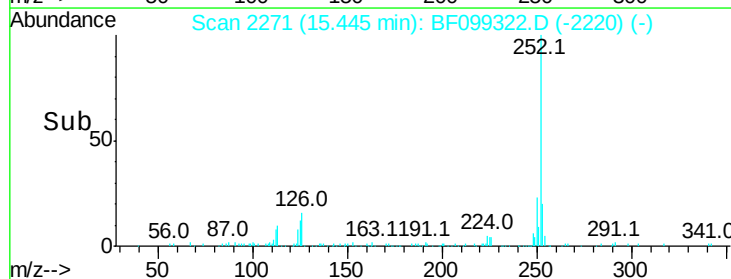
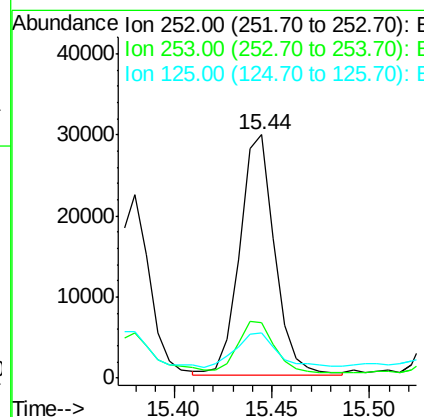
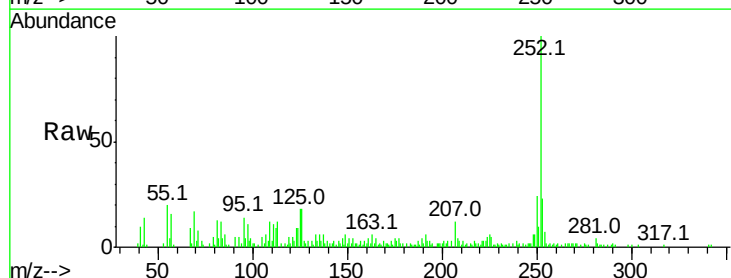
Manual Integrations
APPROVED

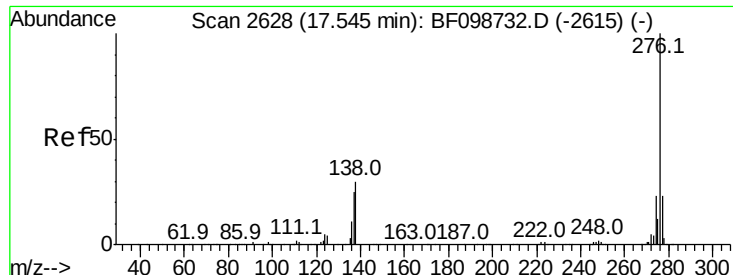
Sohil
10/11/2017 7:25:14 PM



#89
Benzo(a)pyrene
Concen: 4.520 ng/mL
RT: 15.44 min Scan# 2271
Delta R.T. -0.00 min
Lab File: BF099322.D
Acq: 11 Oct 2017 1:37

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	22.7	17.1	25.7	
125	18.3	9.8	14.6#	





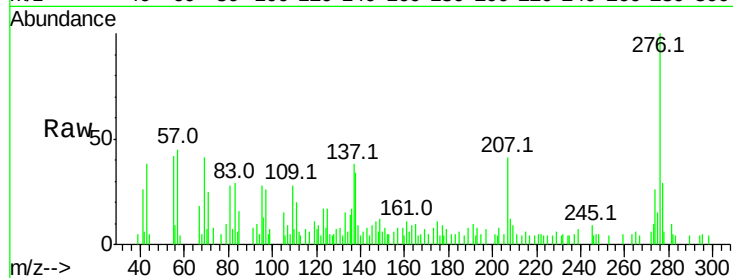
#91
 Benzo(a,h,i)perylene
 Concen: 3.101 ng
 RT: 17.44 min Scan# 2611
 Delta R.T. -0.00 min
 Lab File: BF099322.D
 Acq: 11 Oct 2017 1:37

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-100617-A

Tot Ion:	276	Resp:	19923
Ion Ratio	Lower	Upper	
276	100		
277	28.7	17.9	26.9#
138	34.3	21.8	32.8#

Manual Integrations
 APPROVED

Sohil
 10/11/2017 7:25:14 PM



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

