

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
 Data File : BF099649.D
 Acq On : 19 Oct 2017 6:54
 Operator : SJ/JU
 Sample : I5929-08
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-COMP

Manual Integrations
 APPROVED

Sohil
 10/19/2017 6:15:48 PM

Quant Time: Oct 19 17:27:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 18 22:24:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	90709	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	322064	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	115011	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	187289	20.00	ng	0.00
75) Chrysene-d12	13.99	240	191757	20.00	ng	0.00
86) Perylene-d12	15.46	264	147630	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	722616	126.82	ng	0.02
7) Phenol-d6	6.47	99	769062	109.41	ng	0.00
23) Nitrobenzene-d5	7.40	82	493775	98.32	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	132743	141.05	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	832571	120.85	ng	0.00
78) Terphenyl-d14	12.93	244	664733	78.84	ng	0.00
Target Compounds						
31) Naphthalene	8.13	128	157084	10.385	ng	99
37) 2-Methylnaphthalene	8.82	142	31880	3.242	ng	97
51) Acenaphthene	9.89	154	34937	4.855	ng	96
54) Dibenzofuran	10.07	168	39791	4.153	ng	95
57) Fluorene	10.41	166	28935	3.757	ng	99
70) Phenanthrene	11.37	178	69849	6.967	ng	97

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

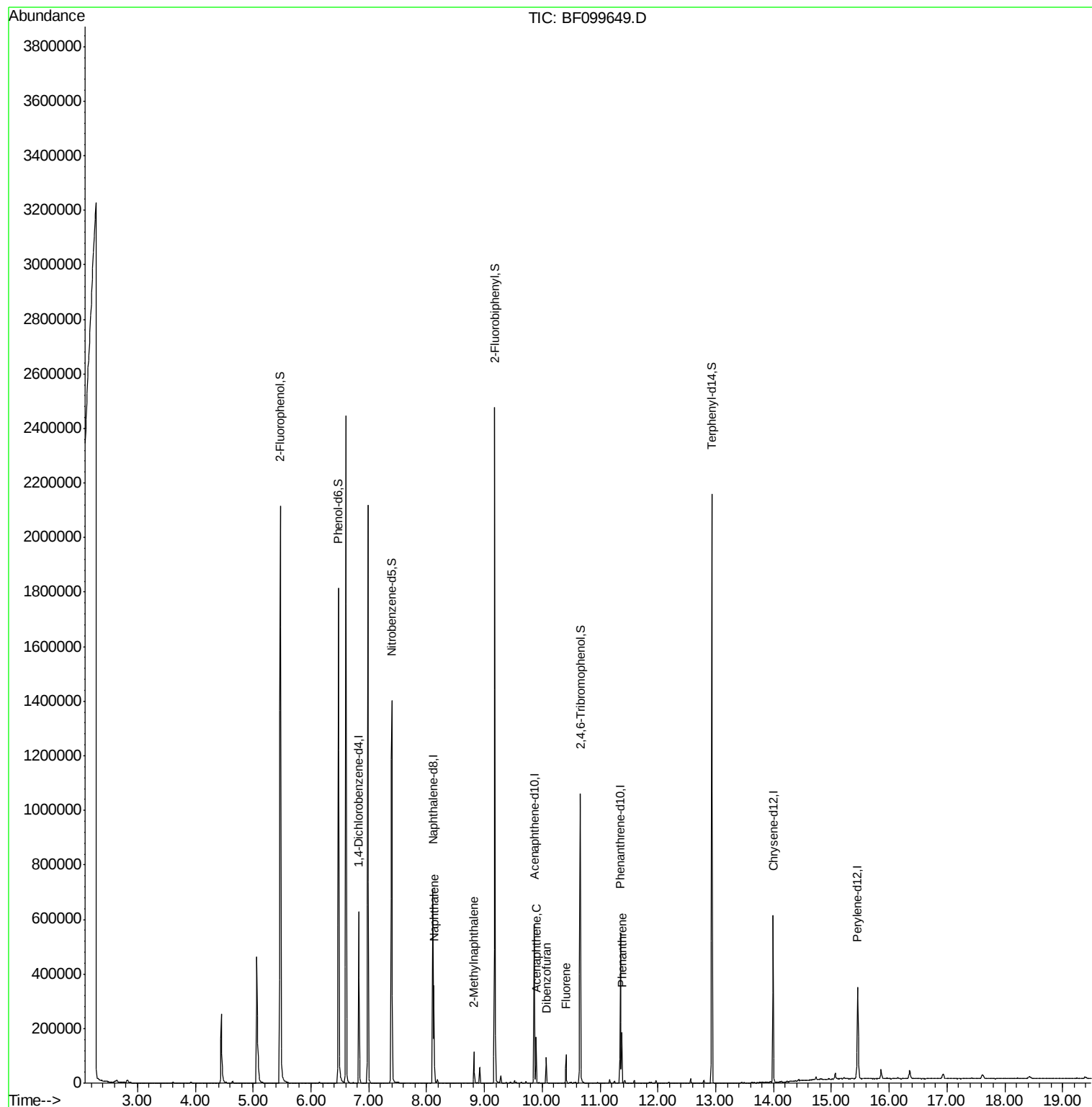
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
Data File : BF099649.D
Acq On : 19 Oct 2017 6:54
Operator : SJ/JU
Sample : I5929-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

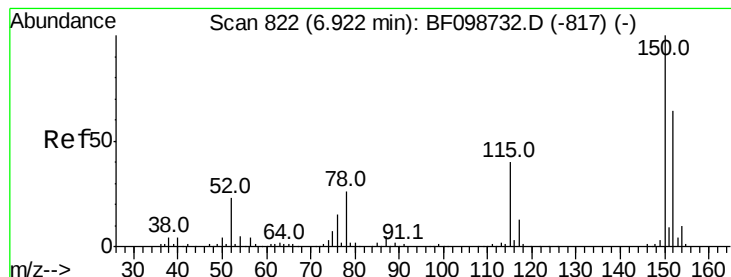
Instrument :
BNA_F
ClientSampleId :
TP-2-COMP

Manual Integrations
APPROVED

Sohil
10/19/2017 6:15:48 PM

Quant Time: Oct 19 17:27:33 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 18 22:24:53 2017
Response via : Initial Calibration





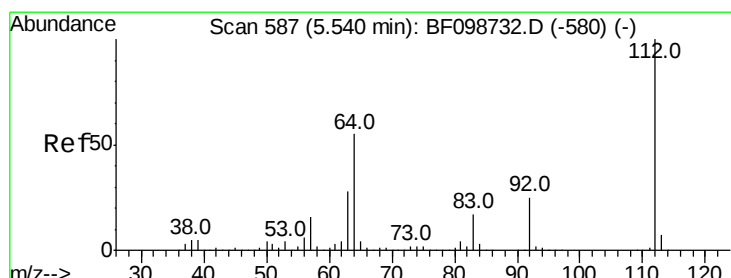
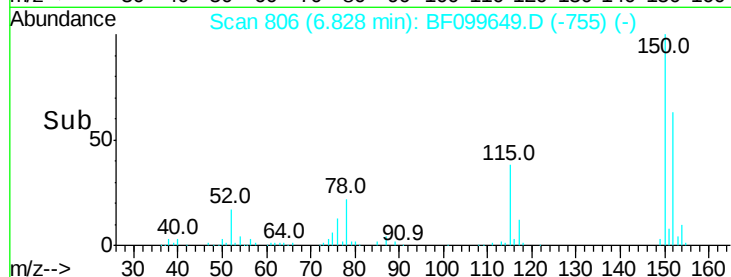
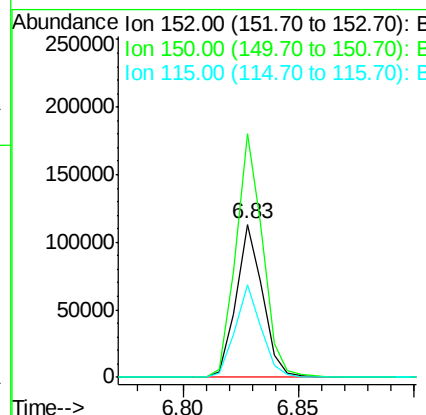
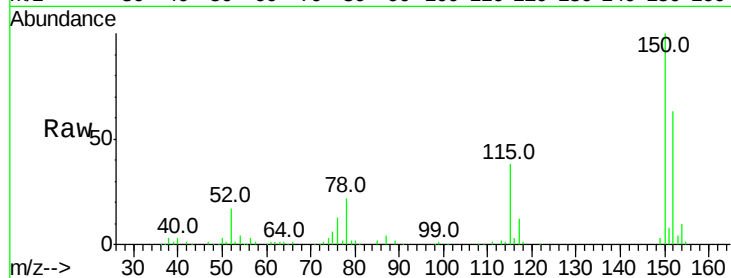
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF099649.D
 Acq: 19 Oct 2017 6:54

Instrument :
 BNA_F
 ClientSampled :
 TP-2-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	124.6	186.8
115	60.5	50.1	75.1

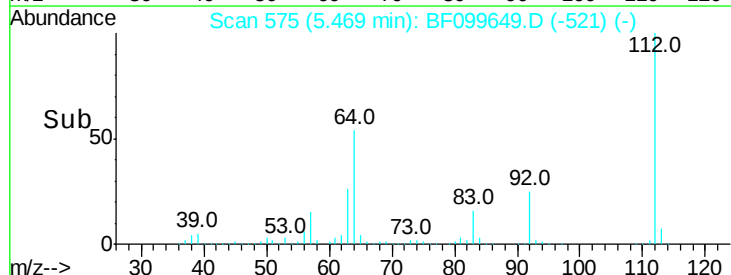
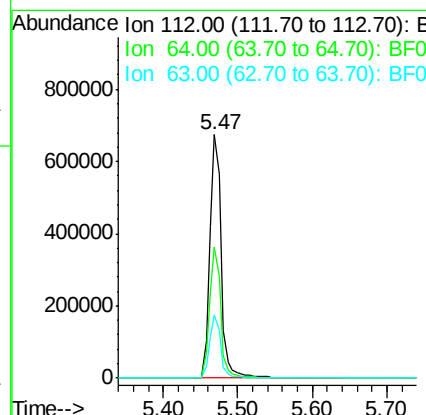
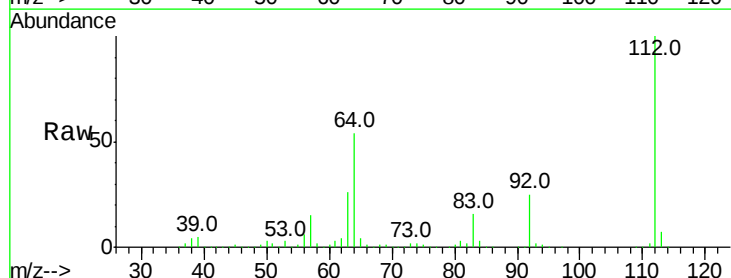
Manual Integrations
 APPROVED

Sohil
 10/19/2017 6:15:48 PM



#5
 2-Fluorophenol
 Concen: 126.816 ng
 RT: 5.47 min Scan# 575
 Delta R.T. 0.02 min
 Lab File: BF099649.D
 Acq: 19 Oct 2017 6:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.6	47.9	71.9
63	26.1	23.7	35.5





#7

Phenol-d6

Concen: 109.408 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF099649.D

Acq: 19 Oct 2017 6:54

Instrument :

BNA_F

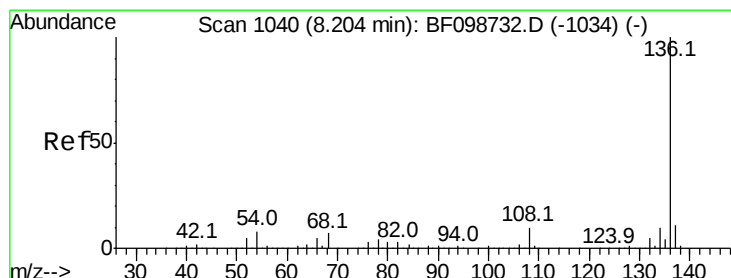
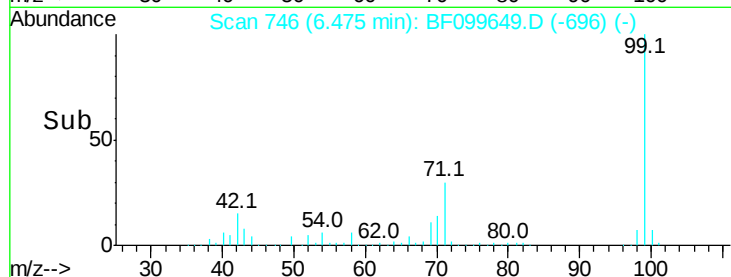
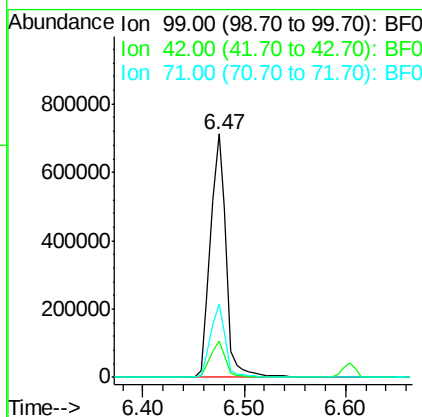
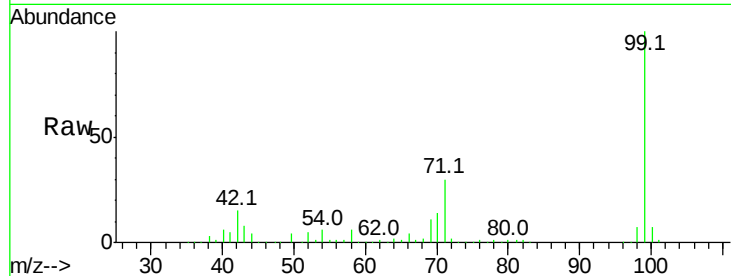
ClientSampleId :

TP-2-COMP

Tot Ion:	99	Resp:	769062
Ion Ratio	Lower	Upper	
99	100		
42	15.1	14.5	21.7
71	30.0	25.4	38.0

Manual Integrations
APPROVED

Sohil
10/19/2017 6:15:48 PM



#21

Naphthalene-d8

Concen: 20.000 ng

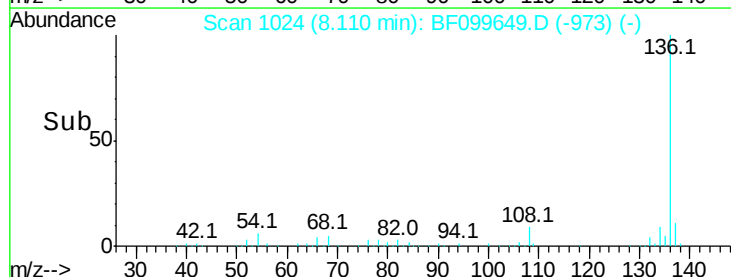
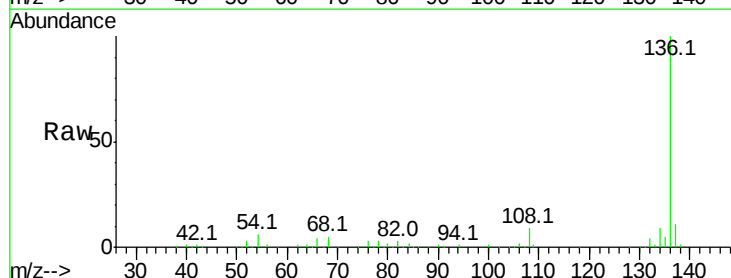
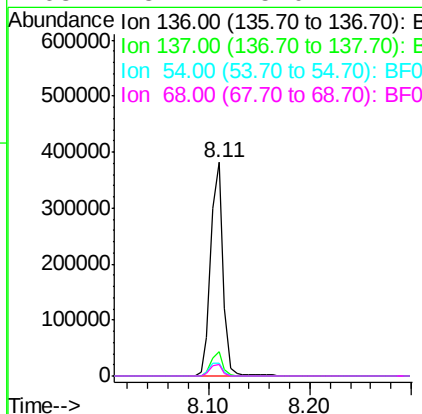
RT: 8.11 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF099649.D

Acq: 19 Oct 2017 6:54

Tgt Ion:	136	Resp:	322064
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.9	13.3
54	6.3	6.6	9.8#
68	5.4	5.0	7.4





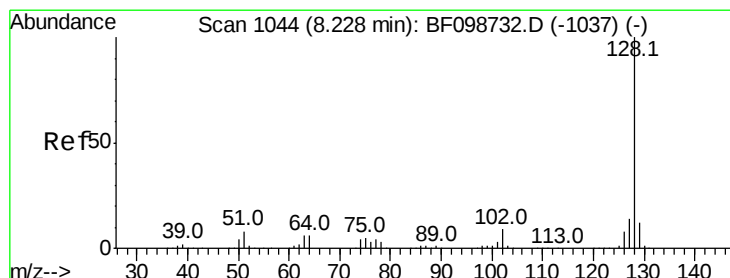
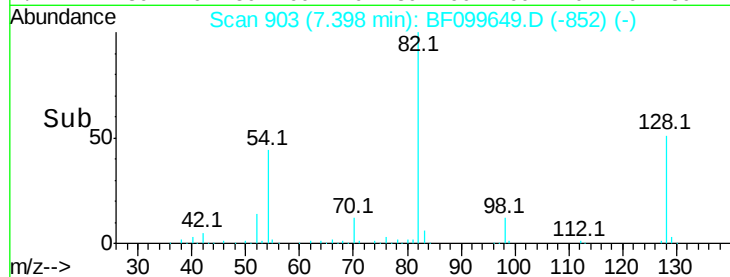
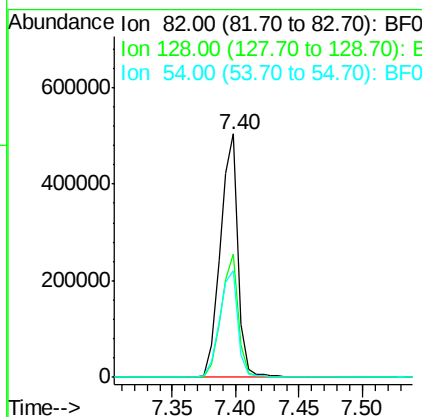
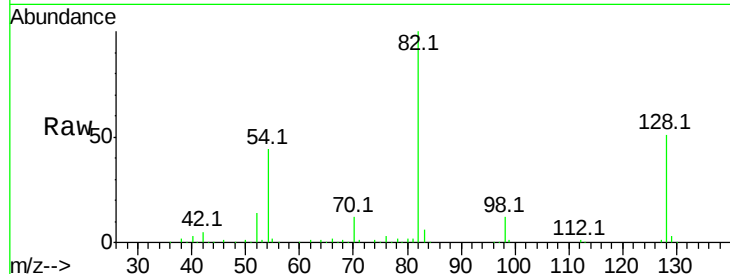
#23
Nitrobenzene-d5
Concen: 98.322 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF099649.D
Acq: 19 Oct 2017 6:54

Instrument :
BNA_F
ClientSampleId :
TP-2-COMP

Tot Ion	Ratio	Resp	Lower	Upper
82	100	493775		
128	50.8	36.1	54.1	
54	43.7	41.4	62.2	

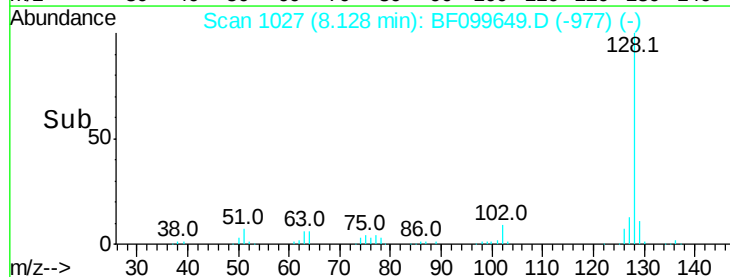
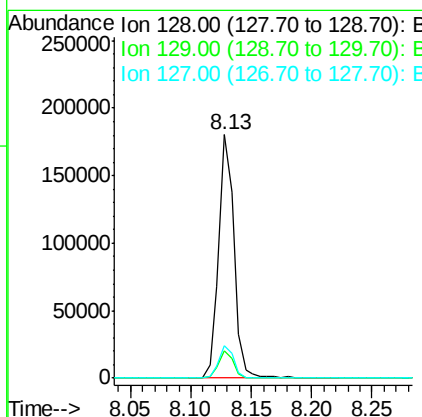
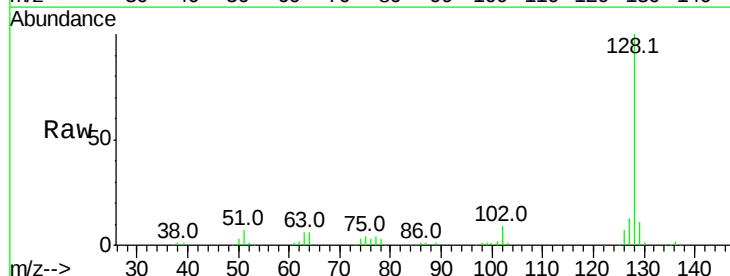
Manual Integrations
APPROVED

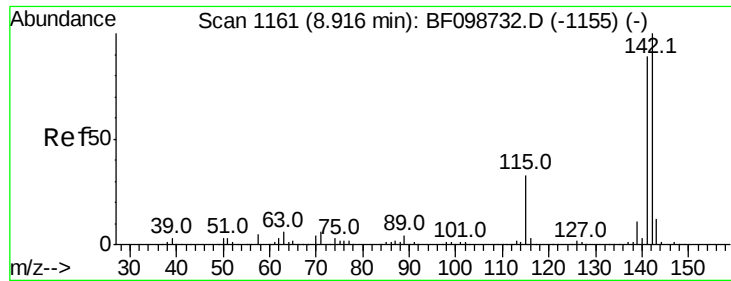
Sohil
10/19/2017 6:15:48 PM



#31
Naphthalene
Concen: 10.385 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF099649.D
Acq: 19 Oct 2017 6:54

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	157084		
129	11.2	8.8	13.2	
127	13.3	10.9	16.3	





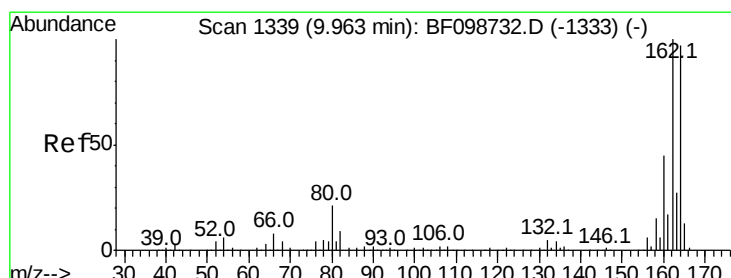
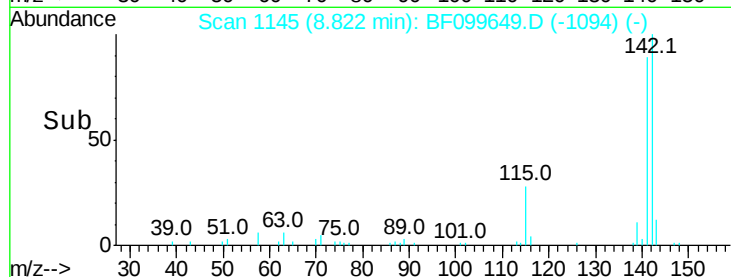
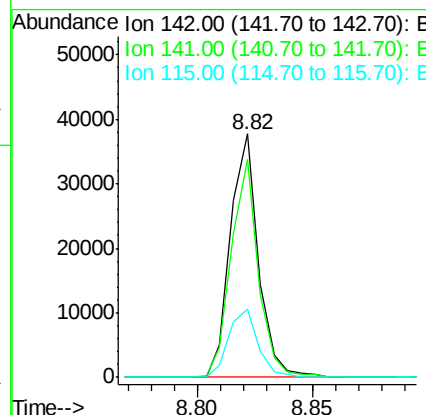
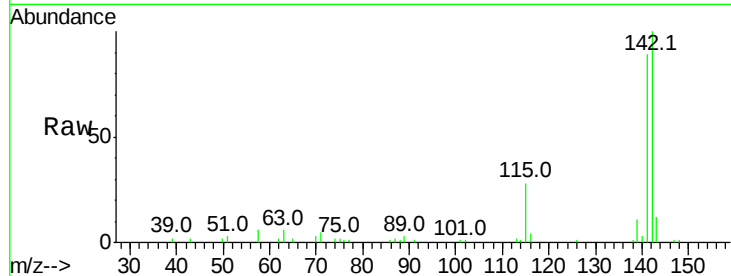
#37
2-Methylnaphthalene
Concen: 3.242 ng
RT: 8.82 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BF099649.D
Acq: 19 Oct 2017 6:54

Instrument :
BNA_F
ClientSampleId :
TP-2-COMP

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.8	106.2
115	28.2	26.1	39.1

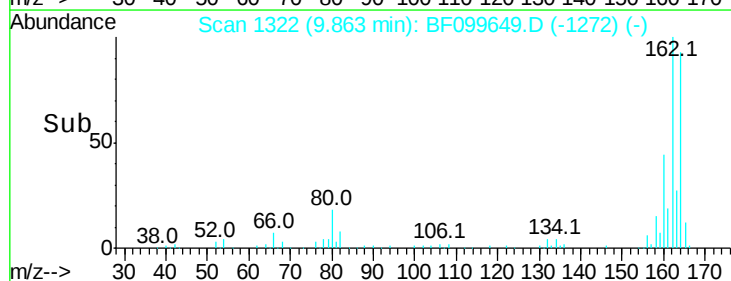
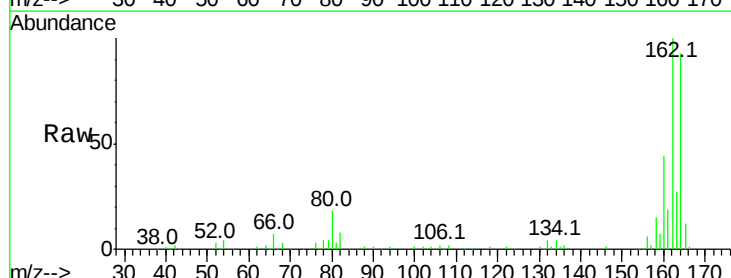
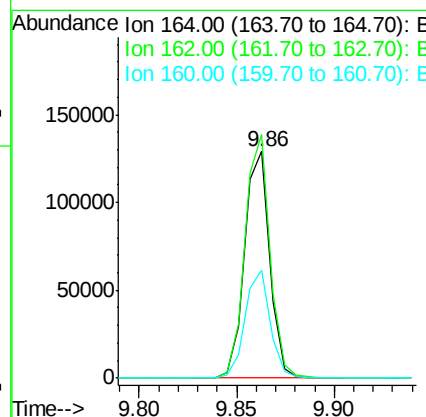
Manual Integrations
APPROVED

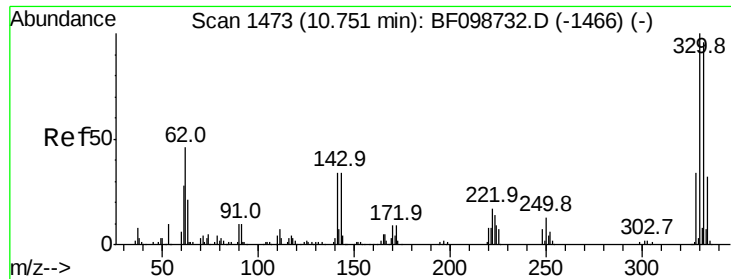
Sohil
10/19/2017 6:15:48 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF099649.D
Acq: 19 Oct 2017 6:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.4	86.1	129.1
160	47.7	38.3	57.5





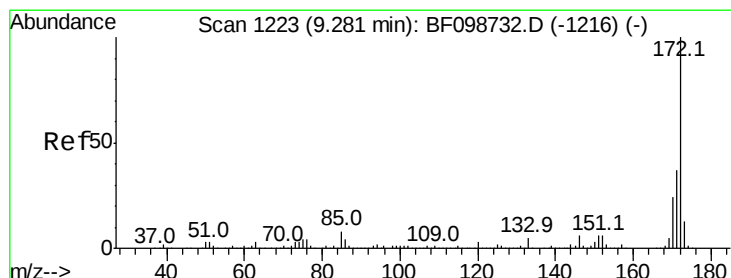
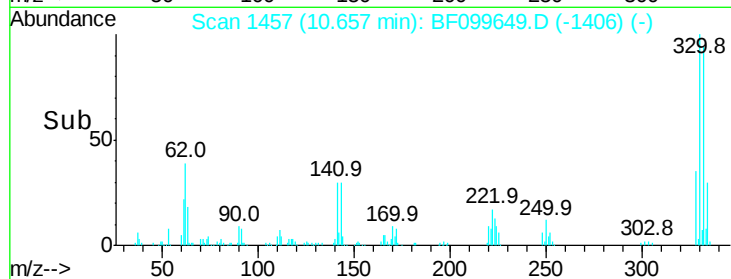
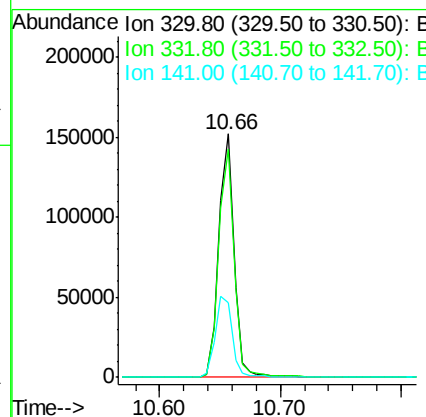
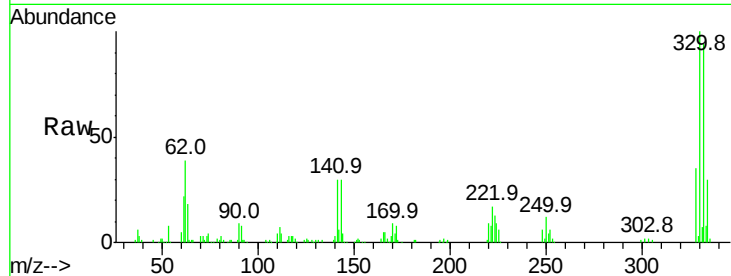
#41
 2,4,6-Tribromophenol
 Concen: 141.051 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: BF099649.D
 Acq: 19 Oct 2017 6:54

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-COMP

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.5	77.0	115.6	
141	36.9	29.9	44.9	

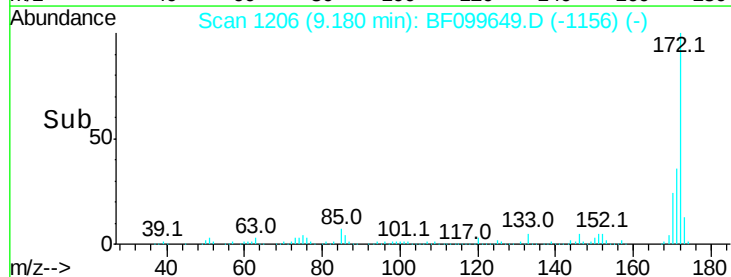
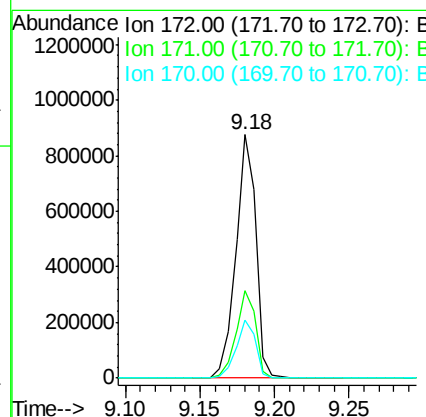
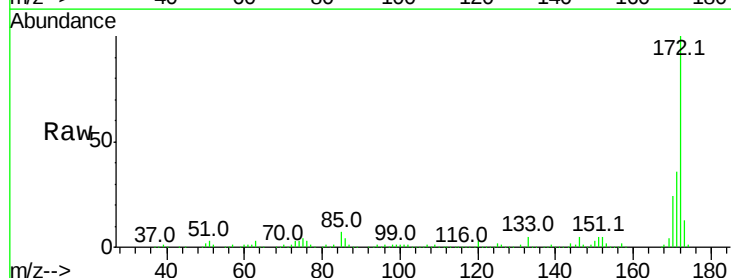
Manual Integrations
 APPROVED

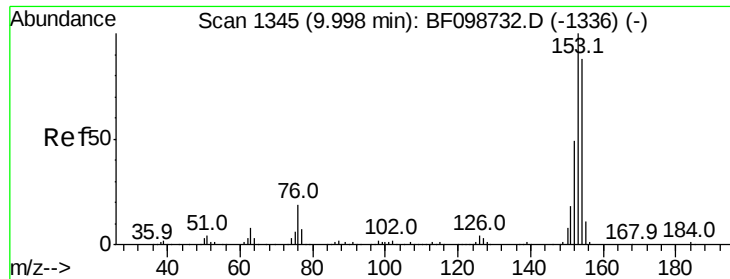
Sohil
 10/19/2017 6:15:48 PM



#44
 2-Fluorobiphenyl
 Concen: 120.850 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF099649.D
 Acq: 19 Oct 2017 6:54

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.0	29.7	44.5	
170	23.9	19.6	29.4	





#51

Acenaphthene

Concen: 4.855 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF099649.D

Acq: 19 Oct 2017 6:54

Instrument :

BNA_F

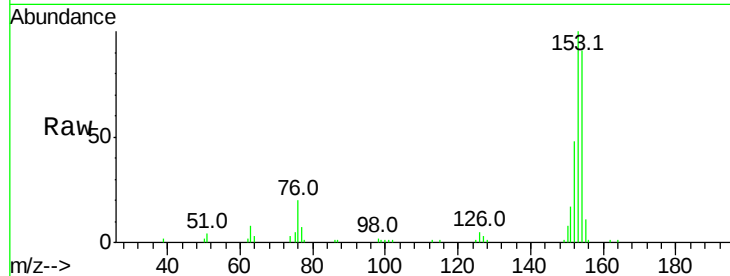
ClientSampleId :

TP-2-COMP

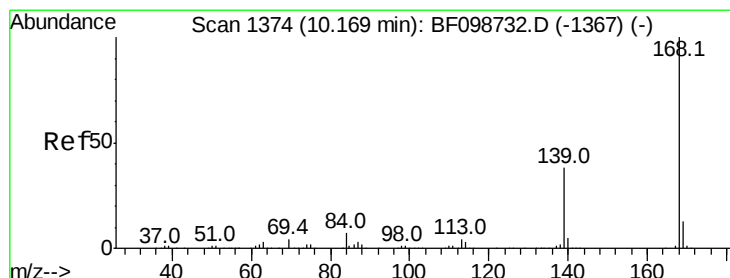
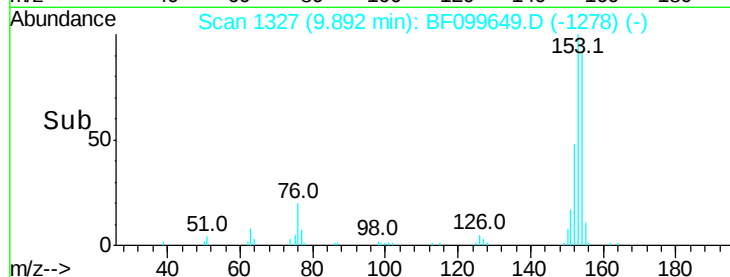
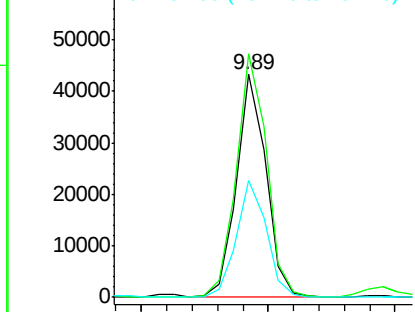
Tot Ion:	154	Resp:	34937
Ion Ratio	Lower	Upper	
154	100		
153	109.3	91.2	136.8
152	52.7	43.8	65.8

Manual Integrations
APPROVED

Sohil
10/19/2017 6:15:48 PM



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 4.153 ng

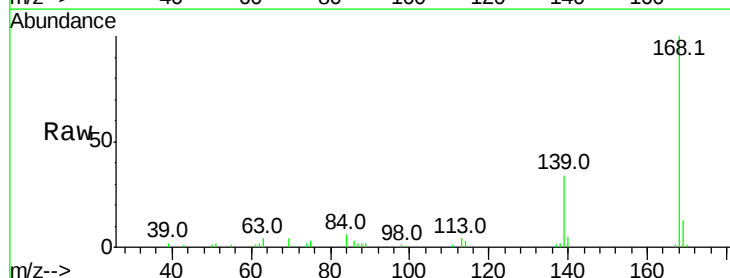
RT: 10.07 min Scan# 1357

Delta R.T. -0.01 min

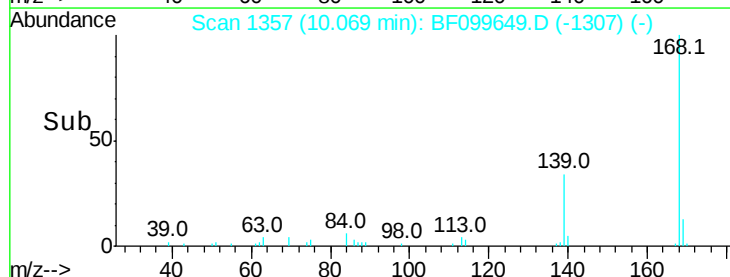
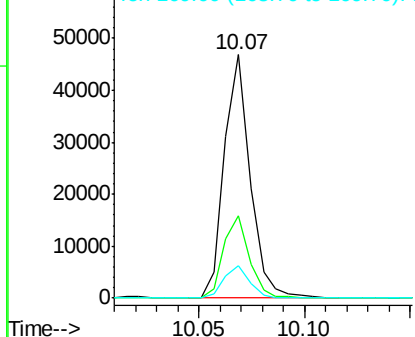
Lab File: BF099649.D

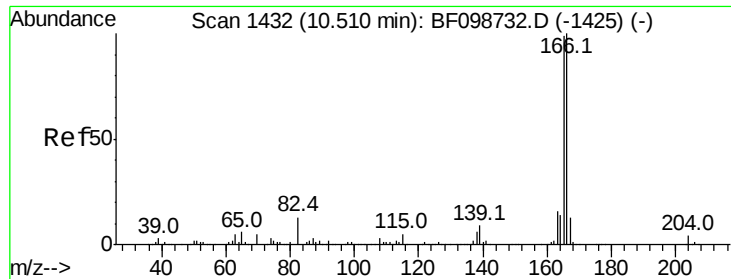
Acq: 19 Oct 2017 6:54

Tgt Ion:	168	Resp:	39791
Ion Ratio	Lower	Upper	
168	100		
139	33.7	30.1	45.1
169	13.5	10.9	16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





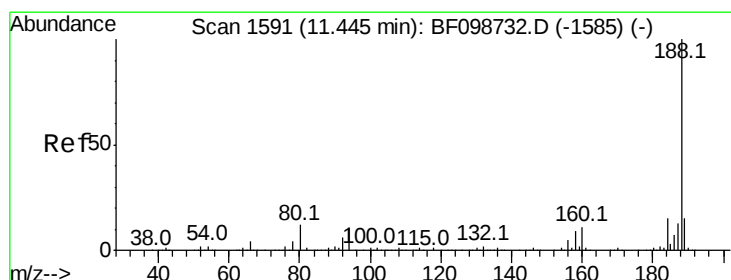
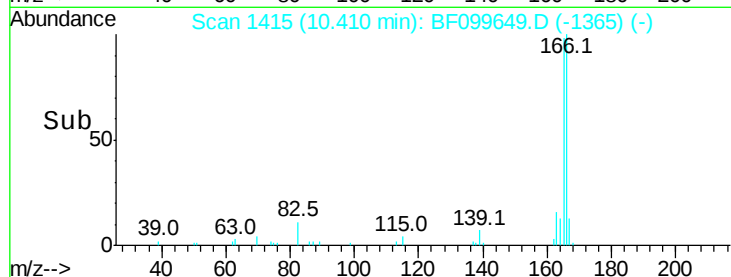
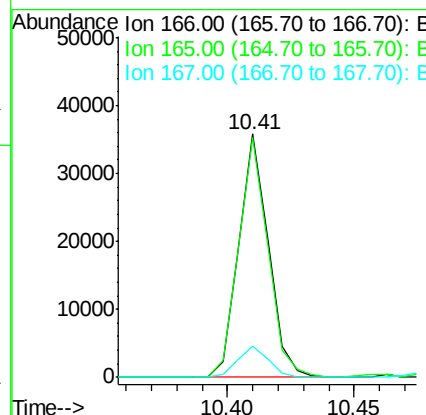
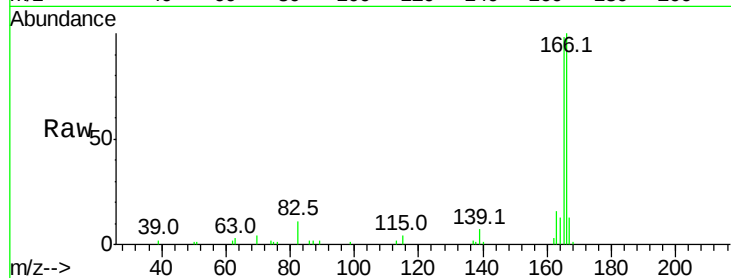
#57
Fluorene
 Concen: 3.757 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: BF099649.D
 Acq: 19 Oct 2017 6:54

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-COMP

Tot Ion	Ratio	Resp	Lower	Upper
166	100	28935		
165	98.4		79.8	119.8
167	13.0		10.6	16.0

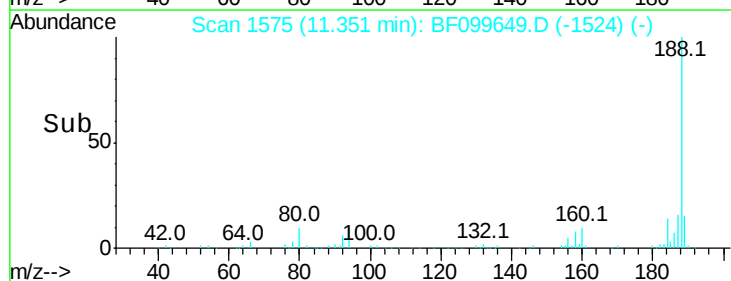
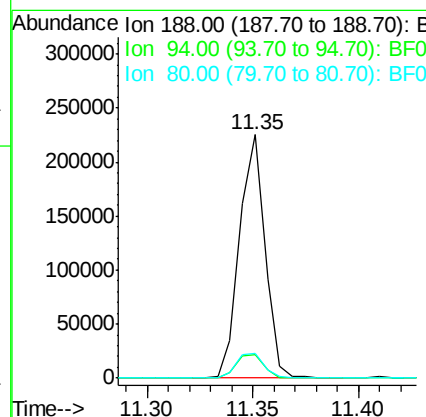
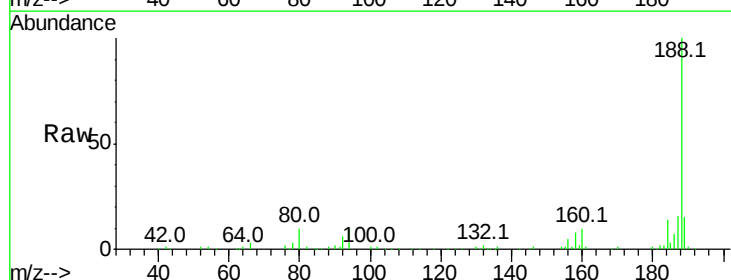
Manual Integrations
 APPROVED

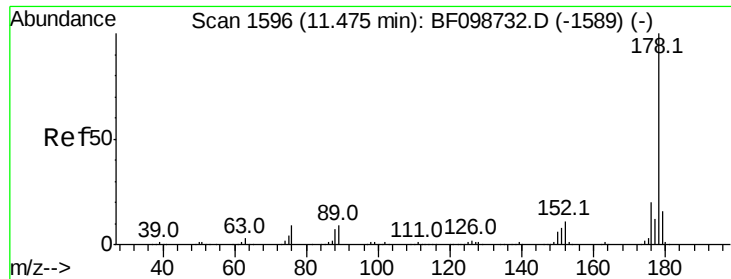
Sohil
 10/19/2017 6:15:48 PM



#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. 0.00 min
 Lab File: BF099649.D
 Acq: 19 Oct 2017 6:54

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	187289		
94	9.8		8.5	12.7
80	10.2		9.2	13.8





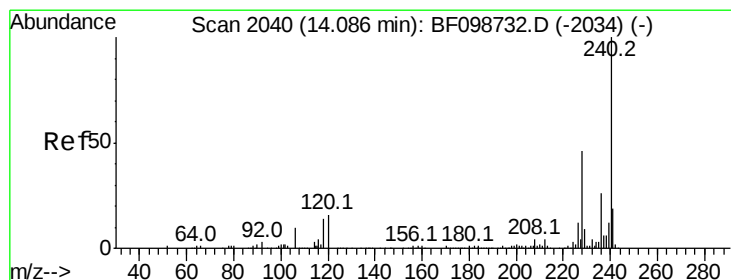
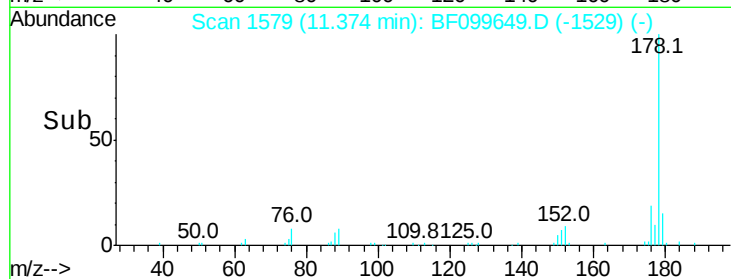
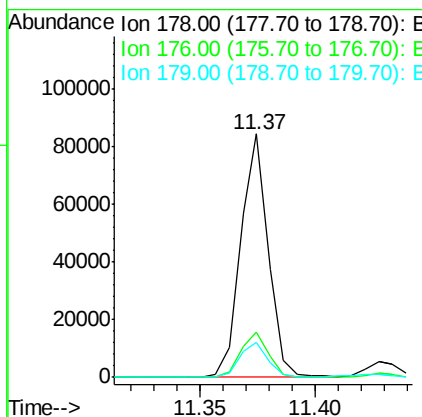
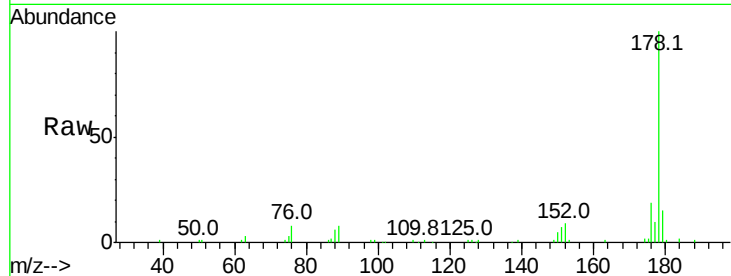
#70
Phenanthrene
Concen: 6.967 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF099649.D
Acq: 19 Oct 2017 6:54

Instrument :
BNA_F
ClientSampled :
TP-2-COMP

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	14.6	13.0	19.6

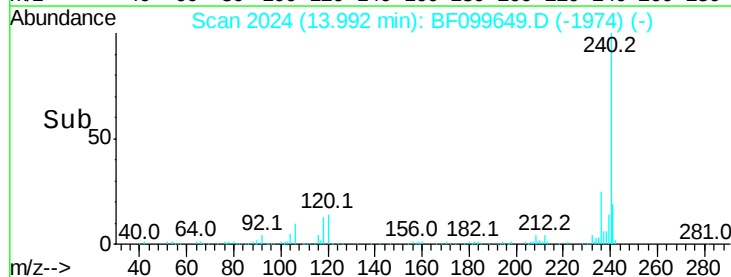
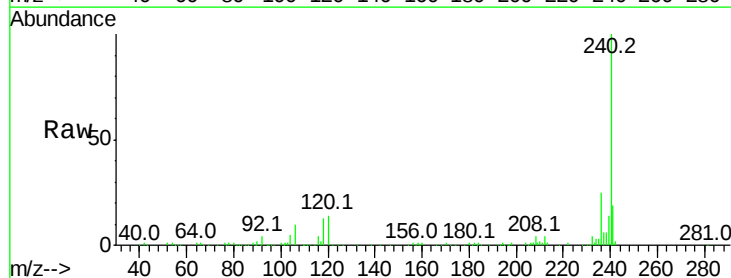
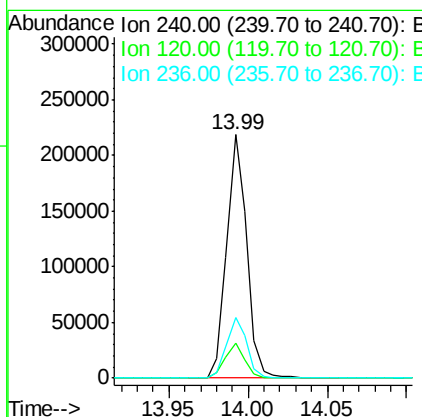
Manual Integrations
APPROVED

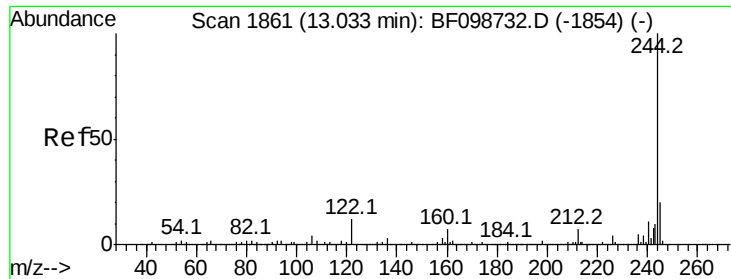
Sohil
10/19/2017 6:15:48 PM



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF099649.D
Acq: 19 Oct 2017 6:54

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.5	9.5	14.3#
236	24.8	20.7	31.1





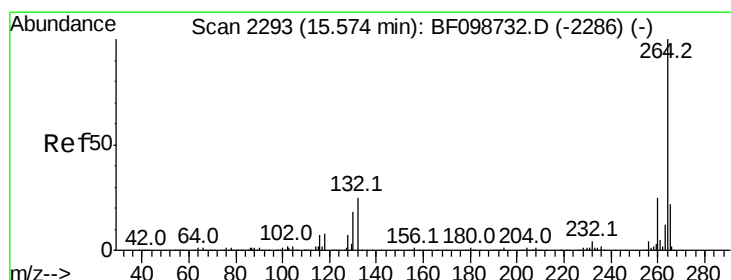
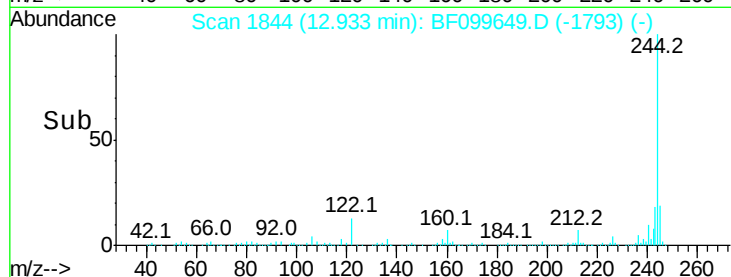
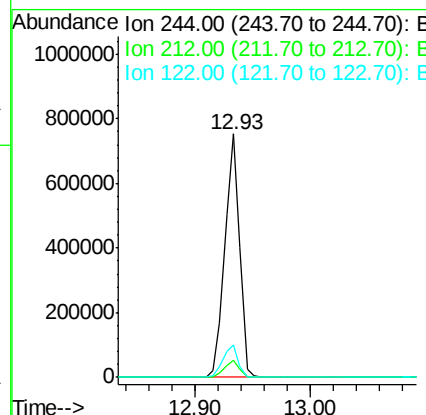
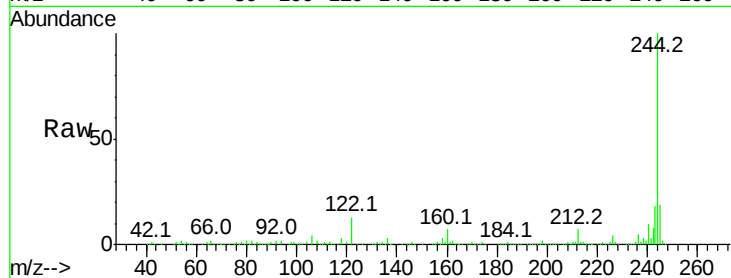
#78
 Terphenyl-d14
 Concen: 78.836 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: BF099649.D
 Acq: 19 Oct 2017 6:54

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-COMP

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	13.4	11.0	16.4

Manual Integrations
 APPROVED

Sohil
 10/19/2017 6:15:48 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: BF099649.D
 Acq: 19 Oct 2017 6:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.6	17.5	26.3

