

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
 Data File : BF099538.D
 Acq On : 16 Oct 2017 12:22
 Operator : SJ/JU
 Sample : I5776-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-114-2(0-5)

Manual Integrations
 APPROVED

Sohil
 10/17/2017 5:01:54 PM

Quant Time: Oct 16 23:47:28 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	107122	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	438559	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	193507	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	314821	20.00	ng	0.00
75) Chrysene-d12	14.01	240	183410	20.00	ng	0.00
86) Perylene-d12	15.49	264	193768	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	646628	96.09	ng	0.00
7) Phenol-d6	6.48	99	786061	94.69	ng	0.00
23) Nitrobenzene-d5	7.41	82	472326	69.07	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	139240	87.94	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	835724	72.10	ng	-0.01
78) Terphenyl-d14	12.95	244	560119	69.45	ng	0.00
Target Compounds						
10) Phenol	6.49	94	43115	4.644	ng	96
49) Dimethylphthalate	9.59	163	136068	9.317	ng	99
74) Fluoranthene	12.59	202	45090	2.642	ng	97
77) Pyrene	12.82	202	41250	2.949	ng	97

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

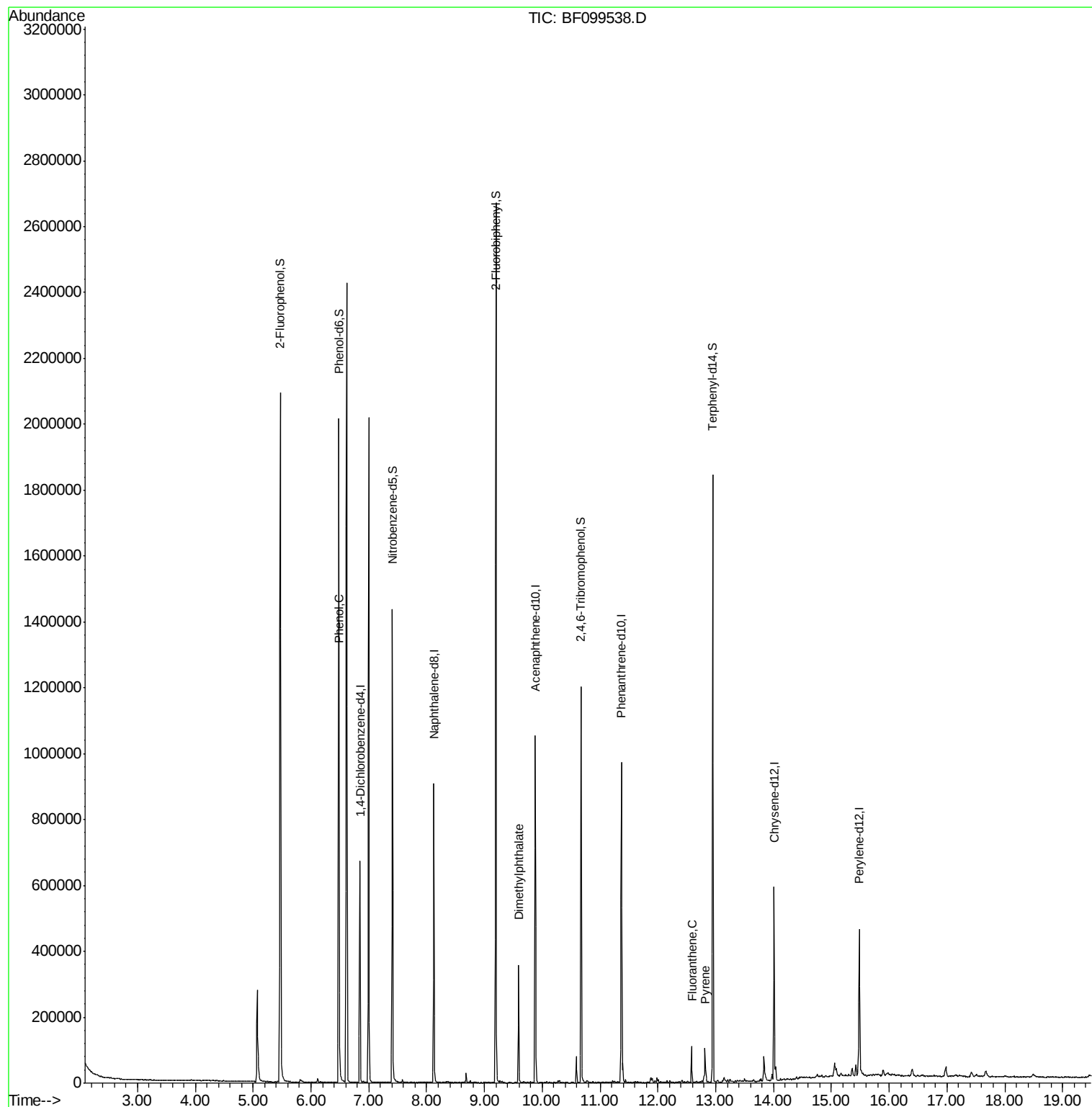
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
Data File : BF099538.D
Acq On : 16 Oct 2017 12:22
Operator : SJ/JU
Sample : I5776-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

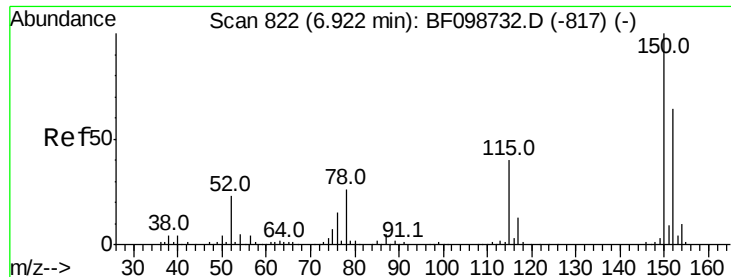
Instrument :
BNA_F
ClientSampleId :
ENV-114-2(0-5)

Manual Integrations
APPROVED

Sohil
10/17/2017 5:01:54 PM

Quant Time: Oct 16 23:47:28 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 16:25:21 2017
Response via : Initial Calibration





#1

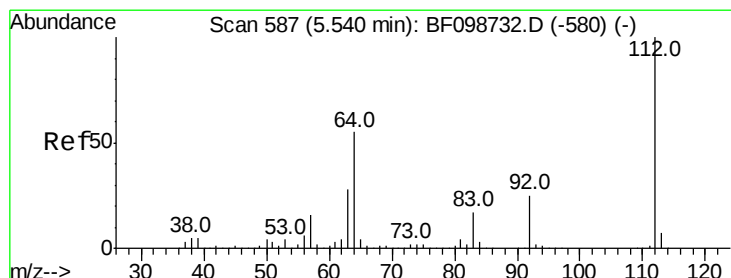
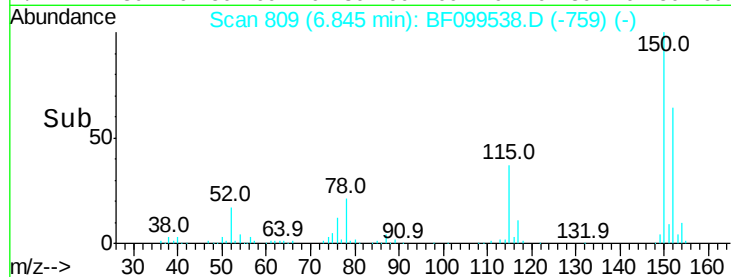
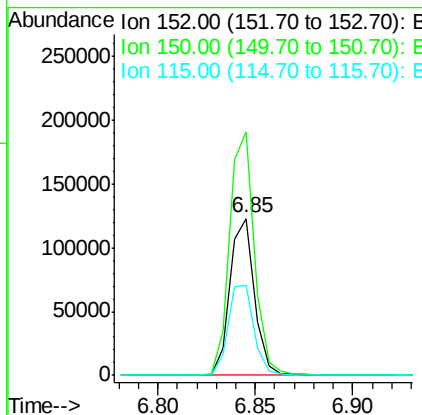
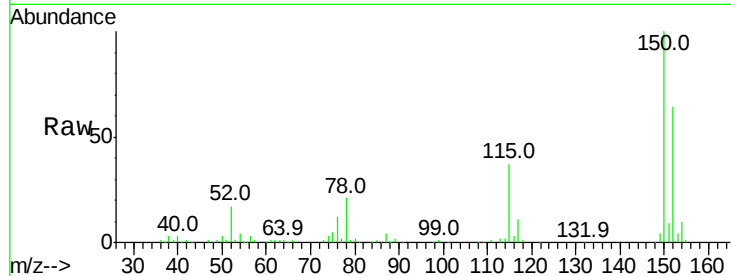
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF099538.D
Acq: 16 Oct 2017 12:22

Instrument :
BNA_F
ClientSampleId :
ENV-114-2(0-5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.6	186.8
115	57.7	50.1	75.1

Manual Integrations
APPROVED

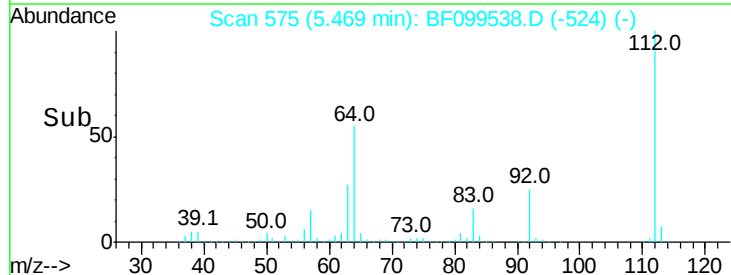
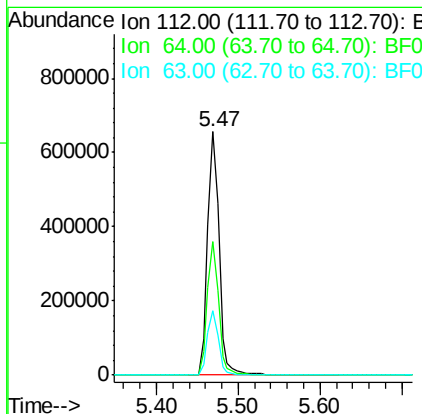
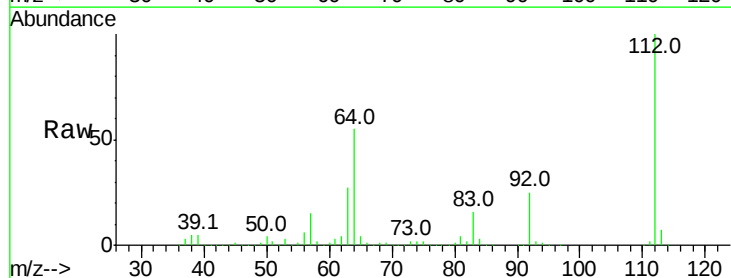
Sohil
10/17/2017 5:01:54 PM

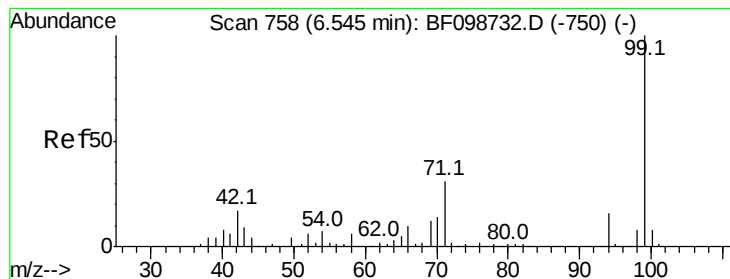


#5

2-Fluorophenol
Concen: 96.093 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.00 min
Lab File: BF099538.D
Acq: 16 Oct 2017 12:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.8	47.9	71.9
63	26.6	23.7	35.5





#7

Phenol-d6

Concen: 94.692 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF099538.D

Acq: 16 Oct 2017 12:22

Instrument :

BNA_F

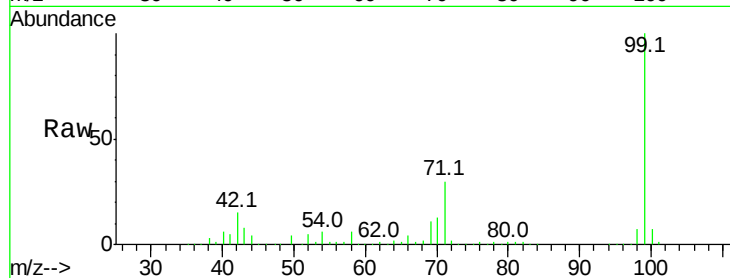
ClientSampleId :

ENV-114-2(0-5)

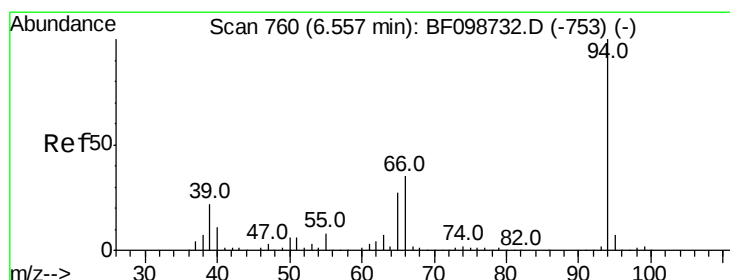
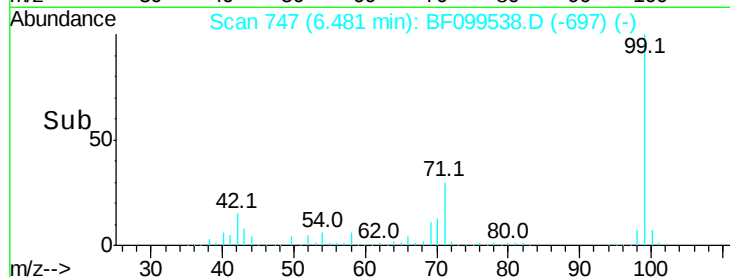
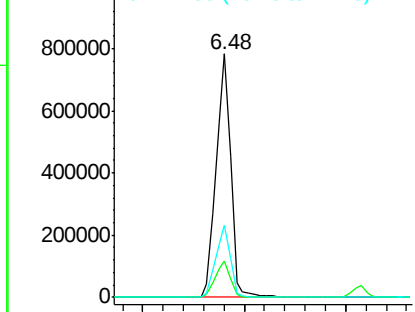
Tot Ion:	99	Resp:	786061
Ion Ratio	Lower	Upper	
99	100		
42	15.0	14.5	21.7
71	29.8	25.4	38.0

Manual Integrations
APPROVED

Sohil
10/17/2017 5:01:54 PM



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 4.644 ng

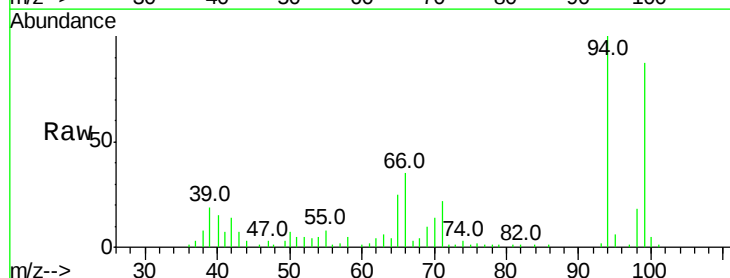
RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

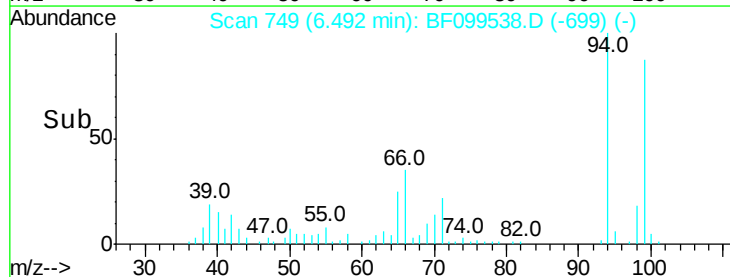
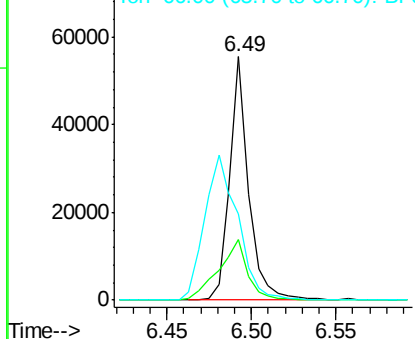
Lab File: BF099538.D

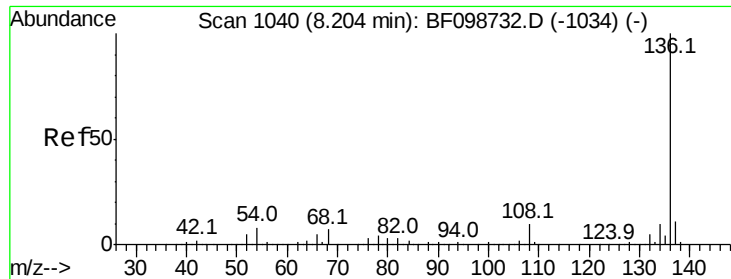
Acq: 16 Oct 2017 12:22

Tgt Ion:	94	Resp:	43115
Ion Ratio	Lower	Upper	
94	100		
65	24.9	7.9	47.9
66	35.1	16.2	56.2



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





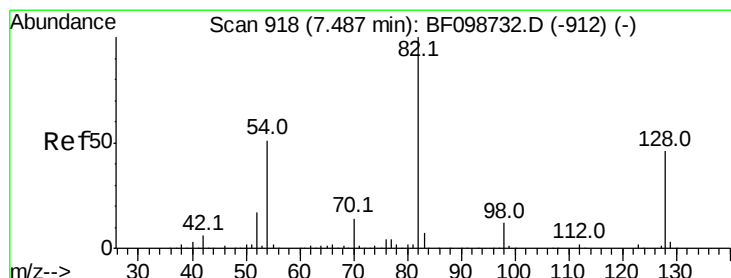
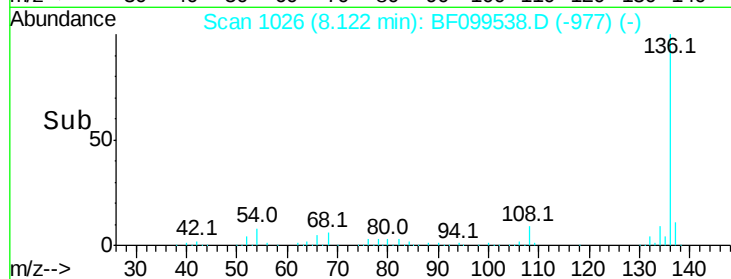
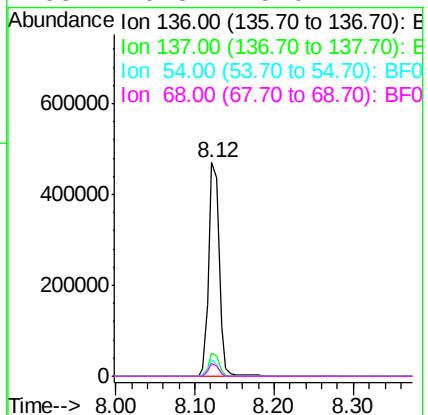
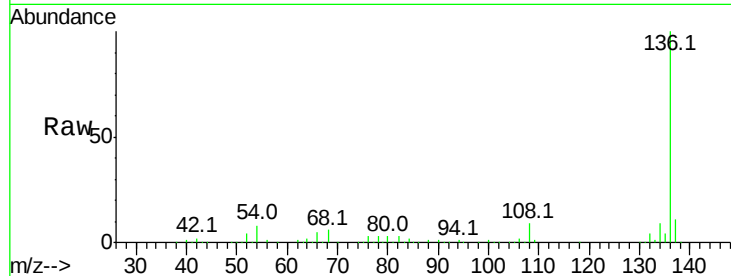
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF099538.D
Acq: 16 Oct 2017 12:22

Instrument :
BNA_F
ClientSampleId :
ENV-114-2(0-5)

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.9	13.3	
54	7.7	6.6	9.8	
68	6.3	5.0	7.4	

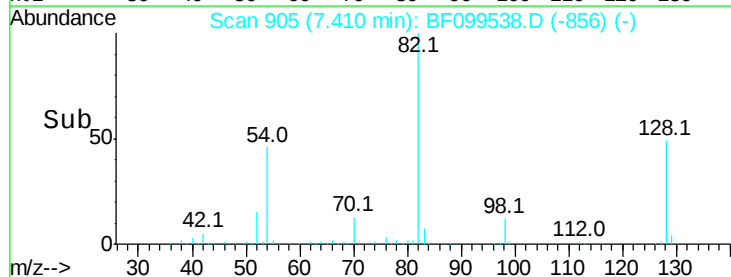
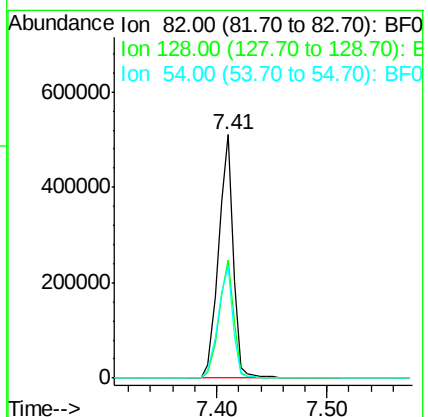
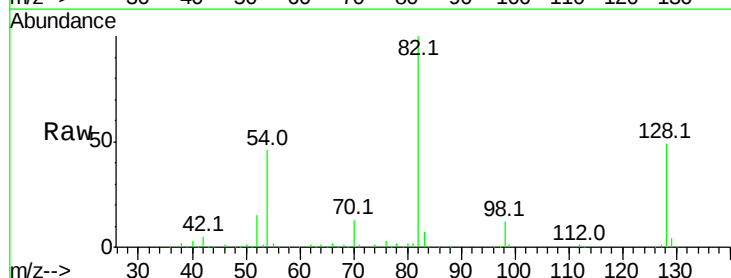
Manual Integrations
APPROVED

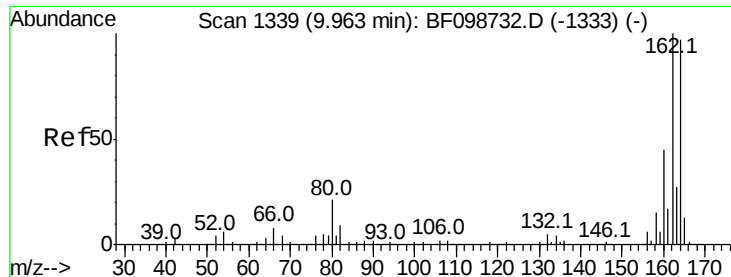
Sohil
10/17/2017 5:01:54 PM



#23
Nitrobenzene-d5
Concen: 69.068 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF099538.D
Acq: 16 Oct 2017 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	48.8	36.1	54.1	
54	46.1	41.4	62.2	





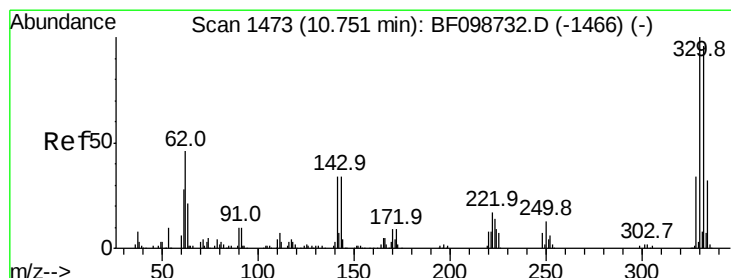
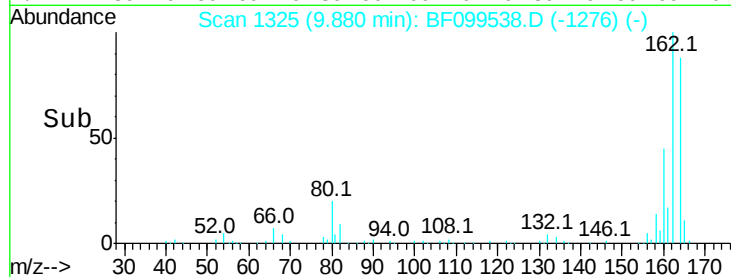
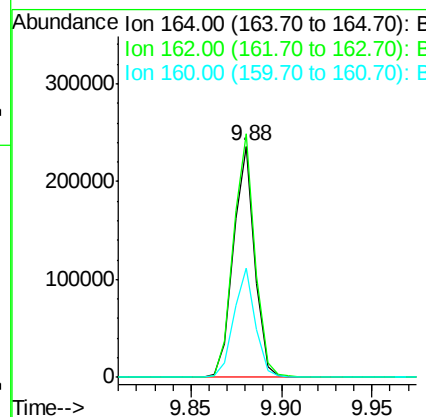
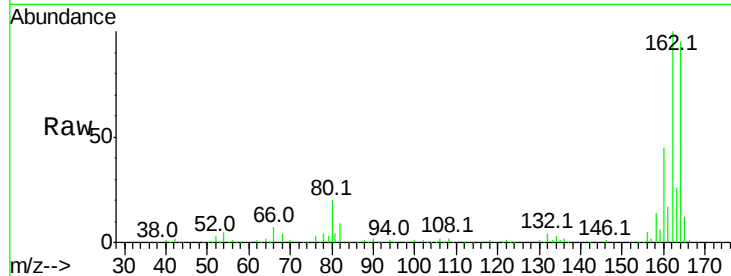
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF099538.D
Acq: 16 Oct 2017 12:22

Instrument :
BNA_F
ClientSampleId :
ENV-114-2(0-5)

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.3	86.1	129.1
160	47.1	38.3	57.5

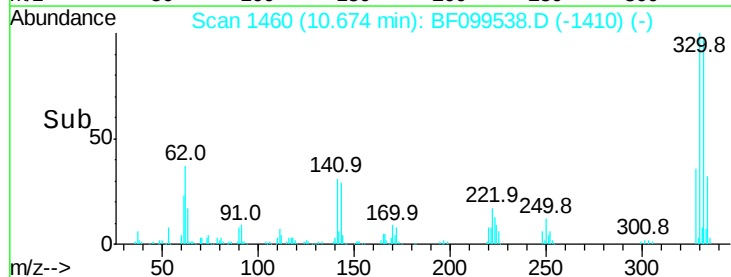
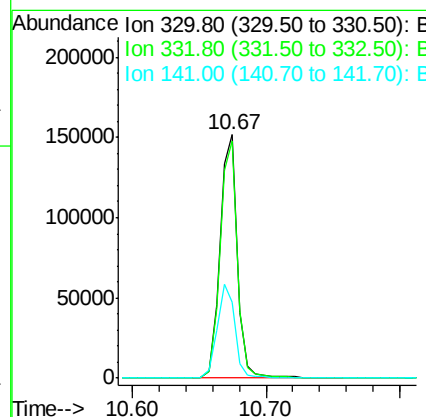
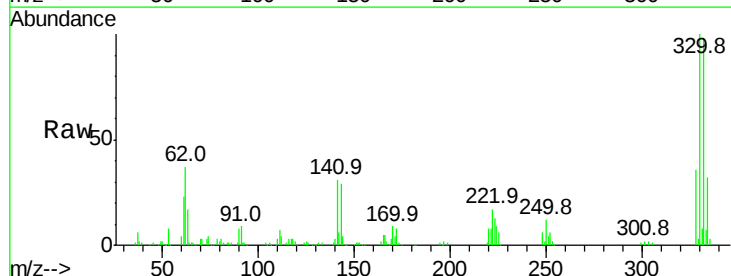
Manual Integrations
APPROVED

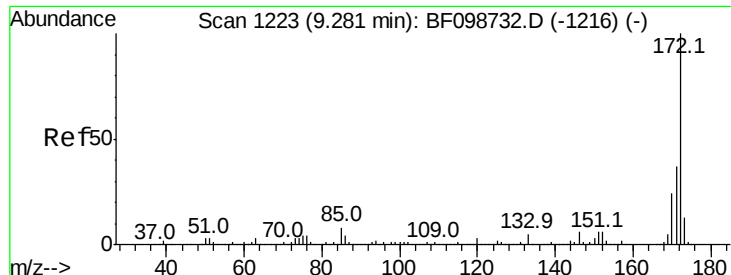
Sohil
10/17/2017 5:01:54 PM



#41
2,4,6-Tribromophenol
Concen: 87.937 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF099538.D
Acq: 16 Oct 2017 12:22

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	39.4	29.9	44.9





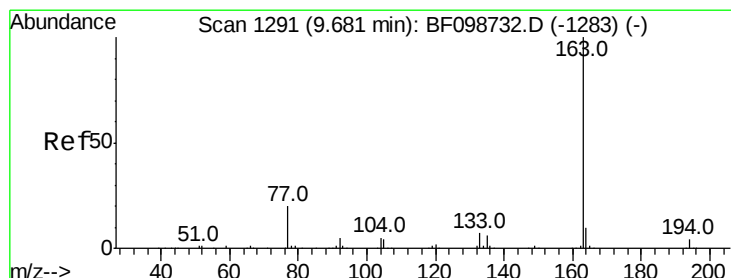
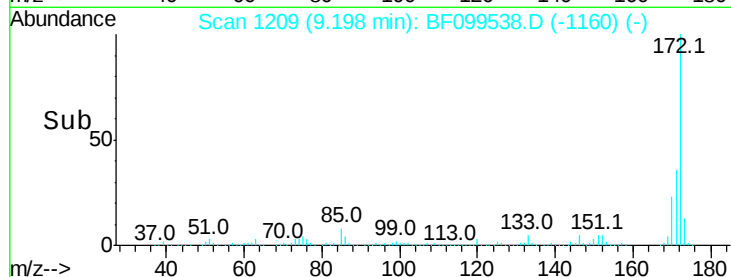
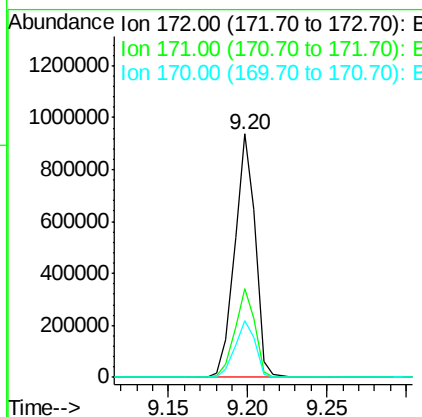
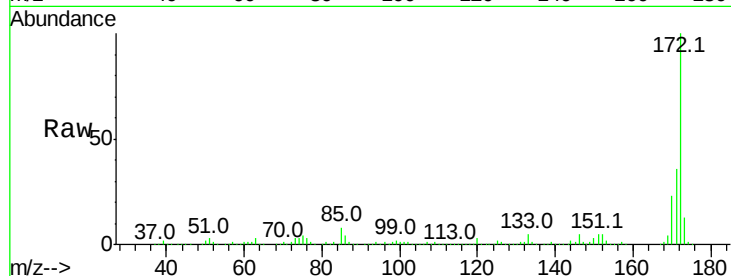
#44
2-Fluorobiphenyl
Concen: 72.099 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF099538.D
Acq: 16 Oct 2017 12:22

Instrument :
BNA_F
ClientSampleId :
ENV-114-2(0-5)

Tot Ion	Ratio	Resp	Lower	Upper
172	100	835724		
171	36.4		29.7	44.5
170	23.2		19.6	29.4

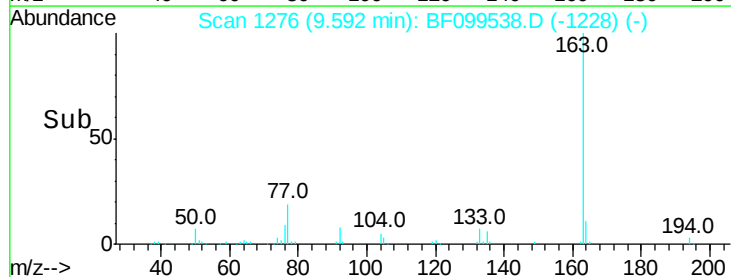
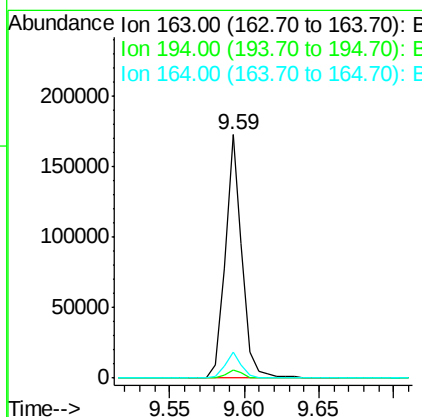
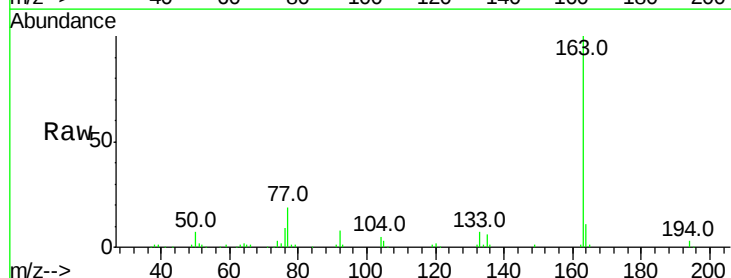
Manual Integrations
APPROVED

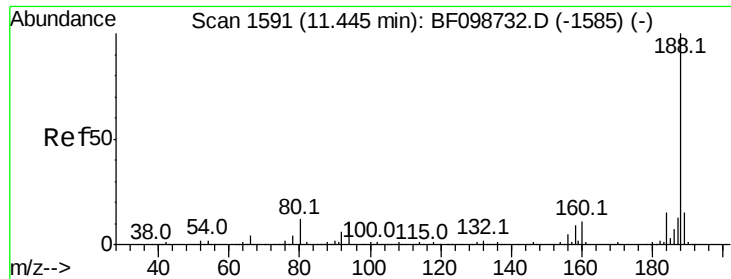
Sohil
10/17/2017 5:01:54 PM



#49
Dimethylphthalate
Concen: 9.317 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF099538.D
Acq: 16 Oct 2017 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	136068		
194	3.2		2.7	4.1
164	10.5		8.2	12.2





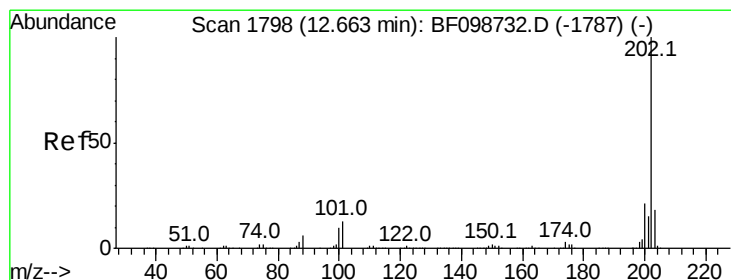
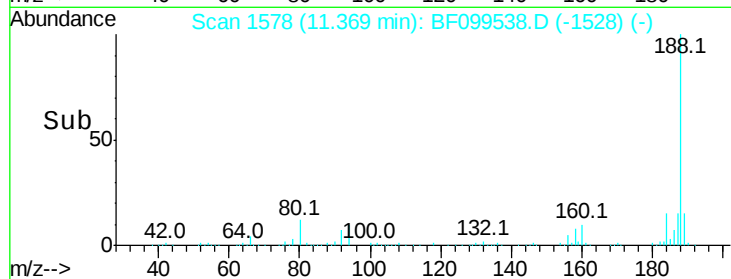
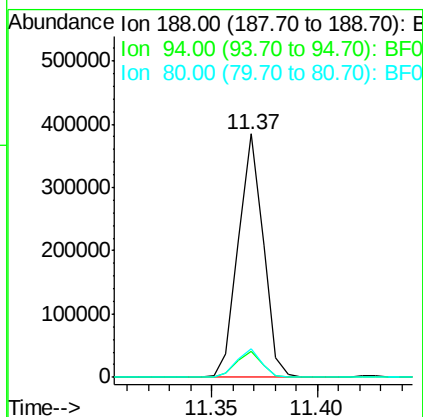
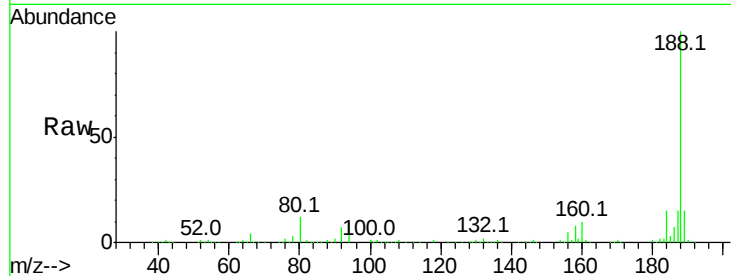
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF099538.D
Acq: 16 Oct 2017 12:22

Instrument :
BNA_F
ClientSampled :
ENV-114-2(0-5)

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.5	8.5	12.7	
80	11.9	9.2	13.8	

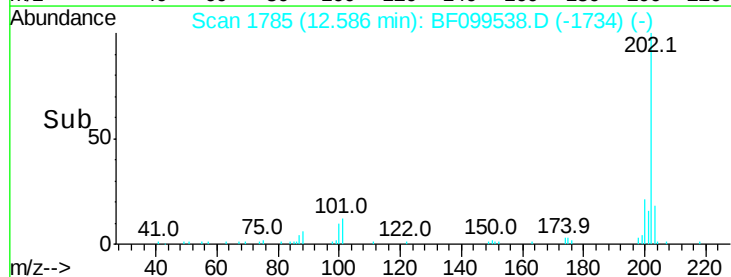
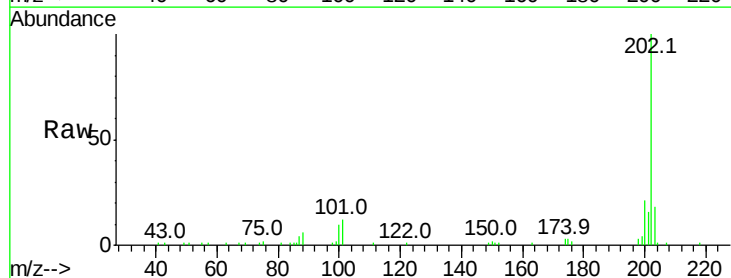
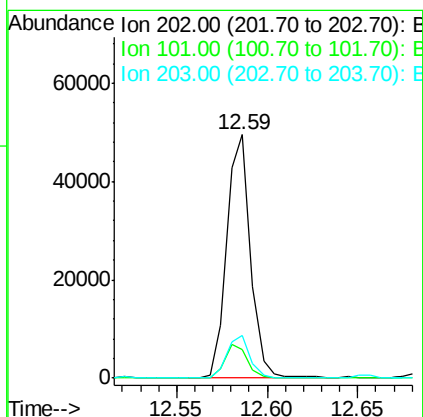
Manual Integrations
APPROVED

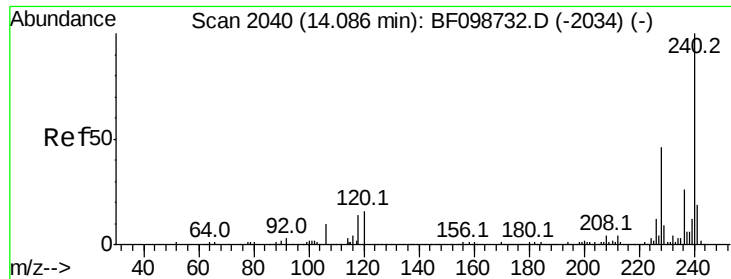
Sohil
10/17/2017 5:01:54 PM



#74
Fluoranthene
Concen: 2.642 ng
RT: 12.59 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BF099538.D
Acq: 16 Oct 2017 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	12.0	0.0	34.1	
203	17.7	0.0	38.1	





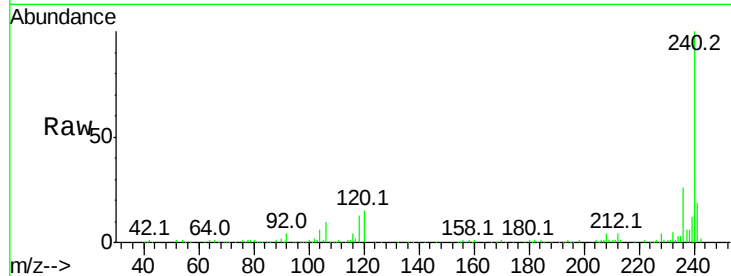
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF099538.D
Acq: 16 Oct 2017 12:22

Instrument :
BNA_F
ClientSampleId :
ENV-114-2(0-5)

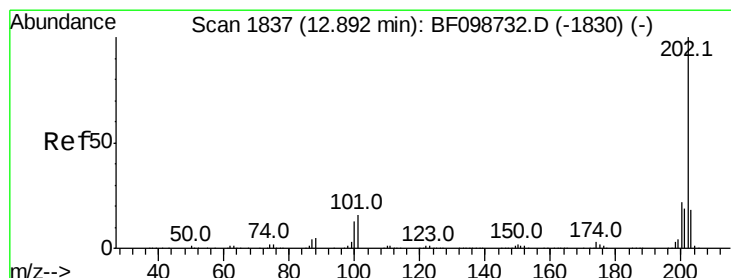
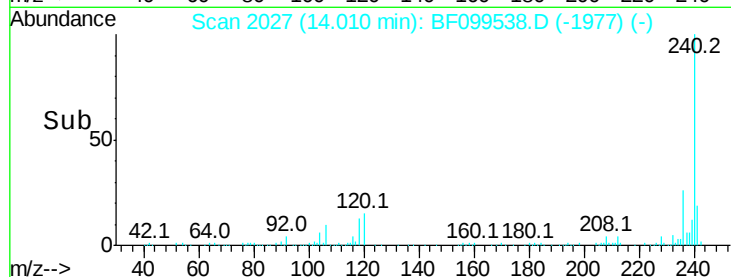
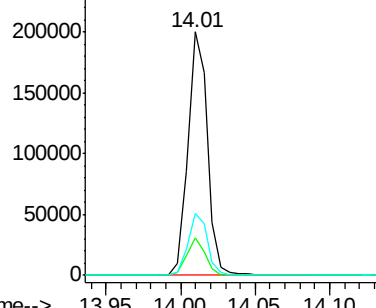
Tot Ion	Ratio	Lower	Upper
240	100		
120	15.4	9.5	14.3
236	25.5	20.7	31.1

Manual Integrations
APPROVED

Sohil
10/17/2017 5:01:54 PM



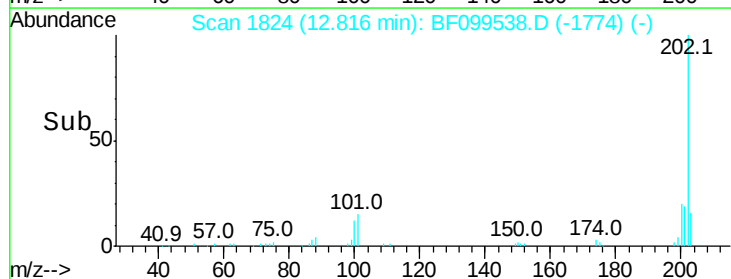
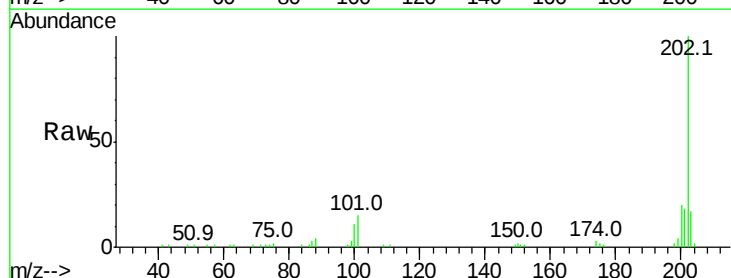
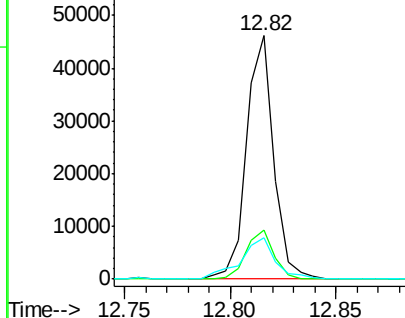
Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

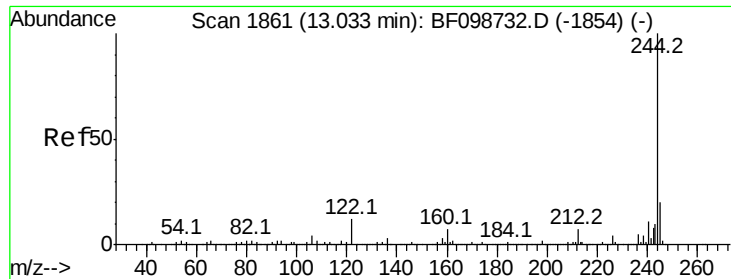


#77
Pyrene
Concen: 2.949 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF099538.D
Acq: 16 Oct 2017 12:22

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.4	26.2
203	17.0	14.3	21.5

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





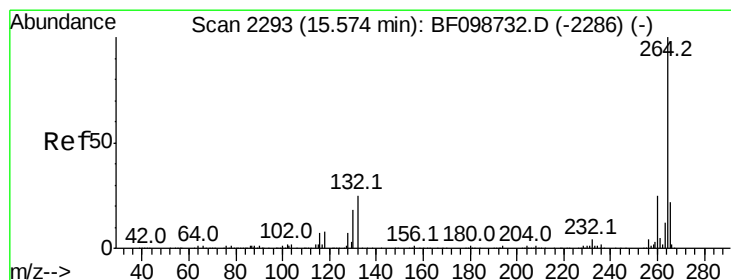
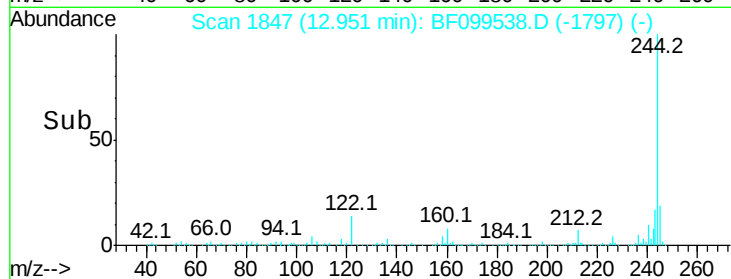
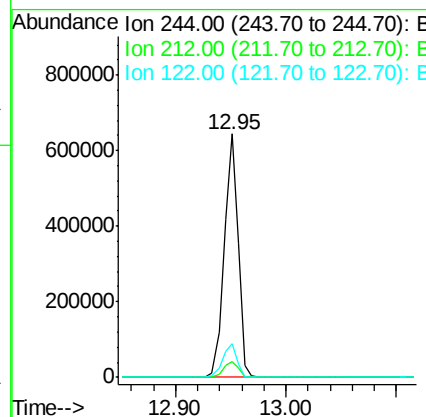
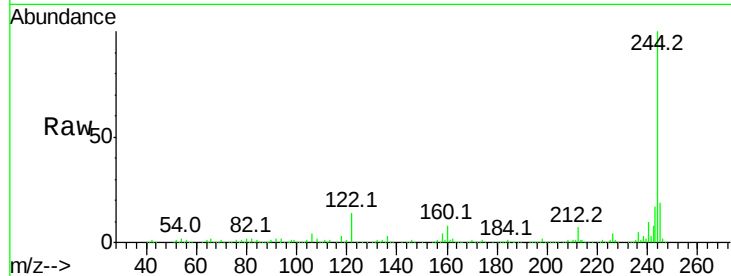
#78
 Terphenyl-d14
 Concen: 69.452 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF099538.D
 Acq: 16 Oct 2017 12:22

Instrument :
 BNA_F
 ClientSampleId :
 ENV-114-2(0-5)

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	13.6	11.0	16.4

Manual Integrations
 APPROVED

Sohil
 10/17/2017 5:01:54 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. 0.01 min
 Lab File: BF099538.D
 Acq: 16 Oct 2017 12:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.4	17.5	26.3

