

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101517\
 Data File : BF099518.D
 Acq On : 15 Oct 2017 17:20
 Operator : SJ/JU
 Sample : I5752-08 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-114-3(0-3)

Manual Integrations
 APPROVED

Sohil
 10/16/2017 7:45:33 PM

Quant Time: Oct 16 02:16:48 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	88306	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	331956	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	121964	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	182147	20.00	ng	0.00
75) Chrysene-d12	14.01	240	183256	20.00	ng	0.00
86) Perylene-d12	15.49	264	176480	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	260383	46.94	ng	0.00
7) Phenol-d6	6.47	99	313311	45.78	ng	-0.01
23) Nitrobenzene-d5	7.40	82	183609	35.47	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	31274	31.34	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	328922	45.02	ng	-0.01
78) Terphenyl-d14	12.95	244	228500	28.36	ng	-0.01
Target Compounds						
10) Phenol	6.49	94	18802	2.457	ng	91
49) Dimethylphthalate	9.59	163	43233	4.697	ng	99
74) Fluoranthene	12.58	202	27449	2.780	ng	99
87) Benzo(b)fluoranthene	15.05	252	27419m	2.527	ng	

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

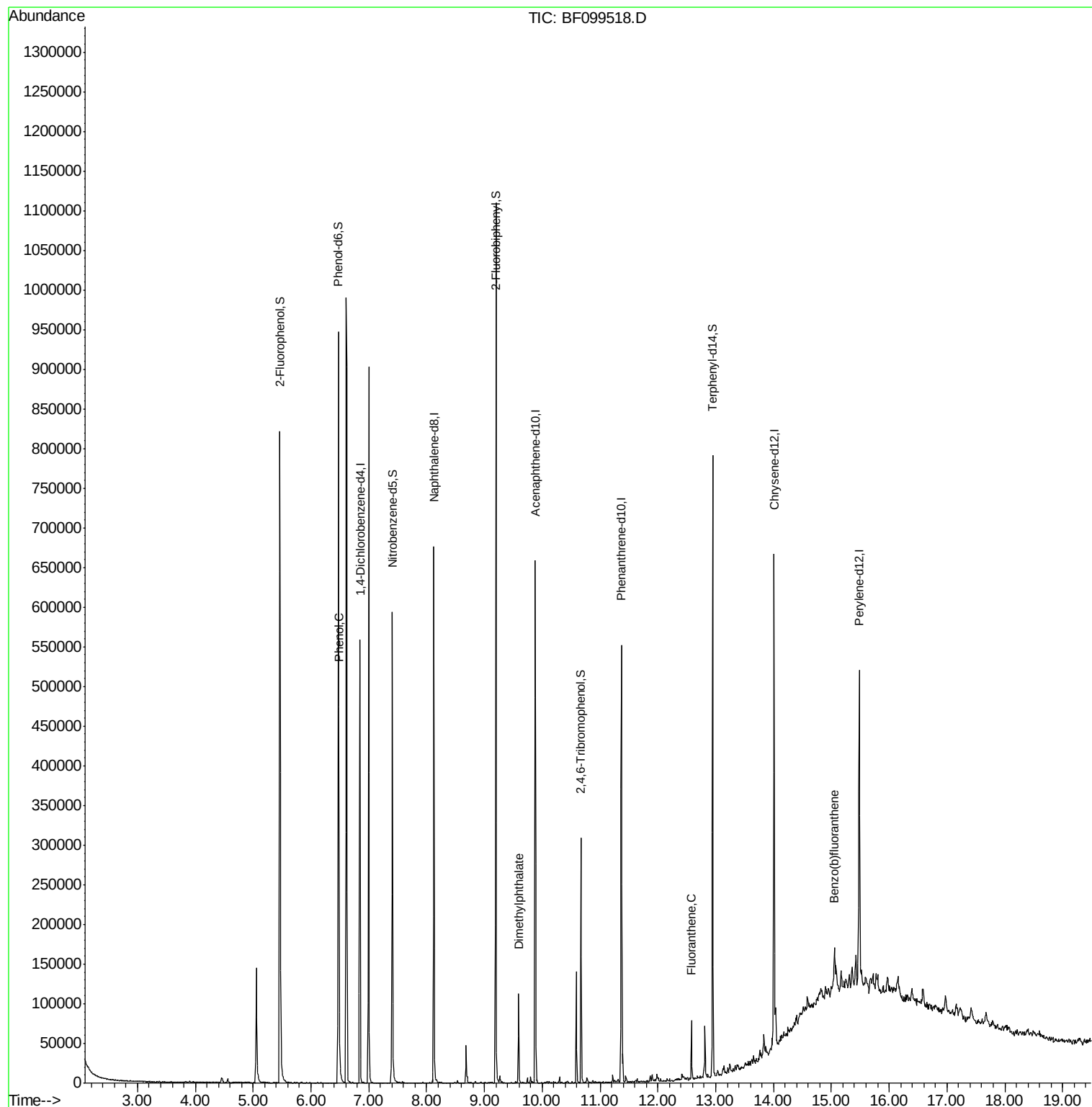
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF101517\
Data File : BF099518.D
Acq On : 15 Oct 2017 17:20
Operator : SJ/JU
Sample : I5752-08 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

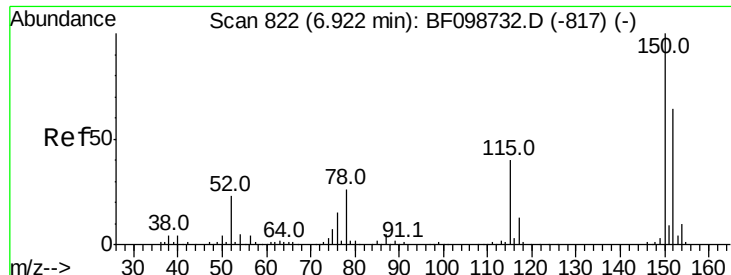
Instrument :
BNA_F
ClientSampleId :
ENV-114-3(0-3)

Manual Integrations
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10/16/2017 7:45:33 PM

Quant Time: Oct 16 02:16:48 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

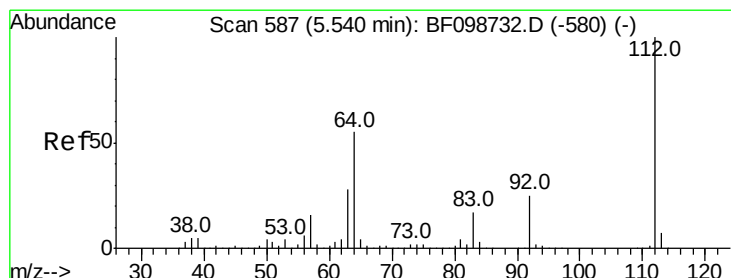
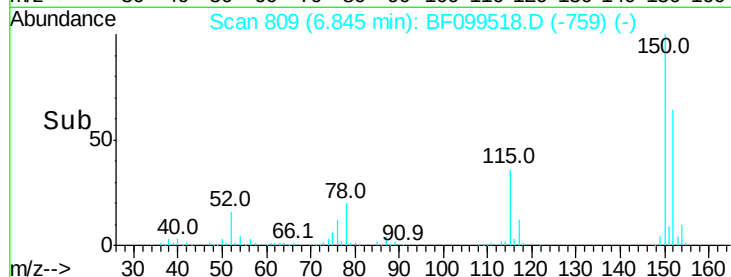
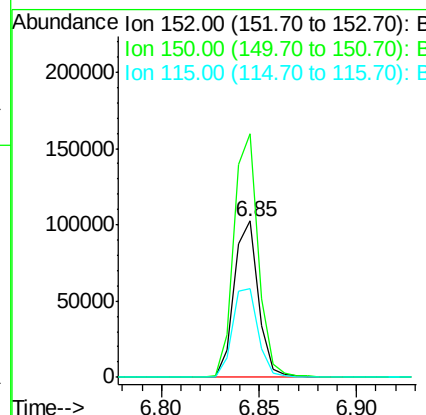
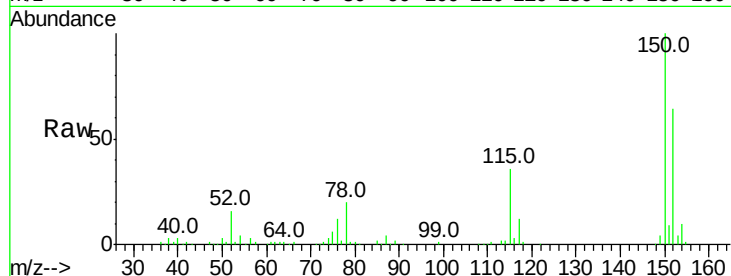
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF099518.D
Acq: 15 Oct 2017 17:20

Instrument :
BNA_F
ClientSampleId :
ENV-114-3(0-3)

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.6	186.8
115	56.9	50.1	75.1

Manual Integrations
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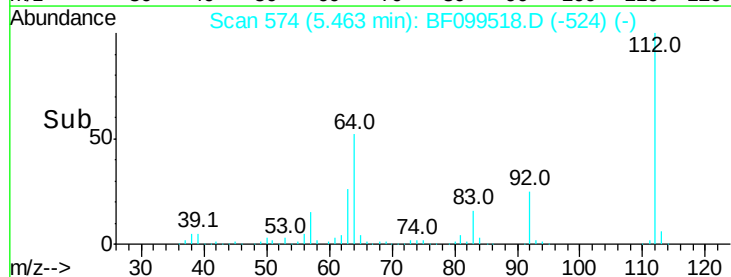
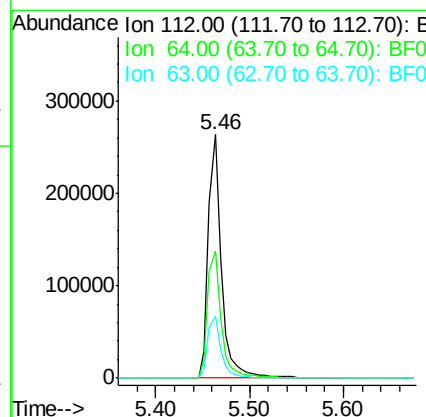
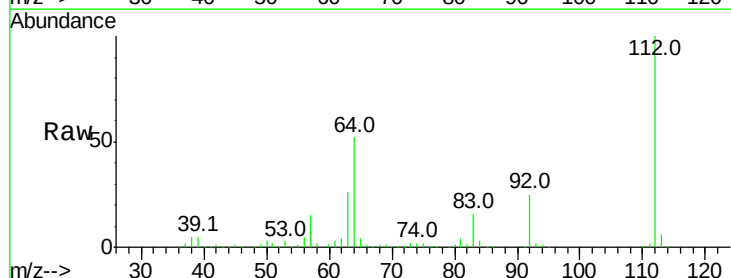
Sohil
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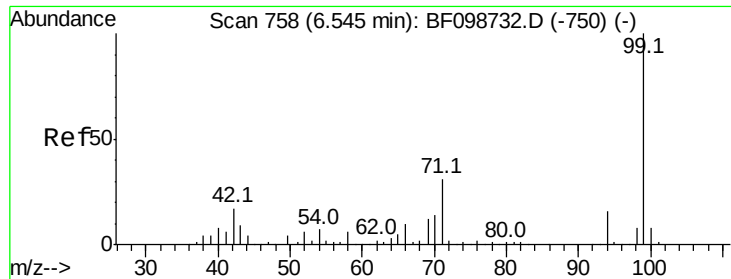


#5

2-Fluorophenol
Concen: 46.939 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF099518.D
Acq: 15 Oct 2017 17:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.3	47.9	71.9
63	25.6	23.7	35.5





#7

Phenol-d6

Concen: 45.785 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF099518.D

Acq: 15 Oct 2017 17:20

Instrument :

BNA_F

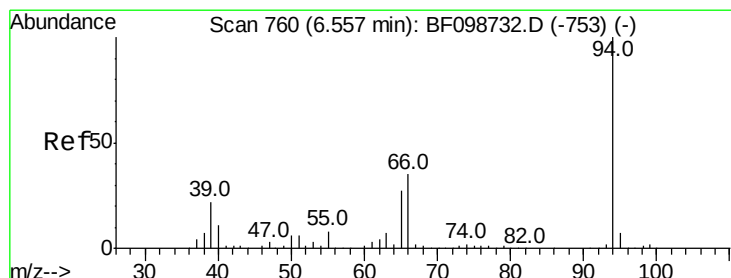
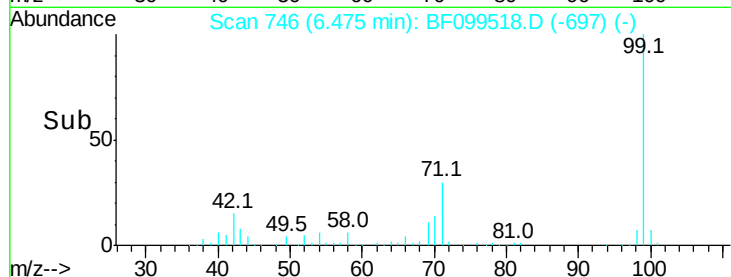
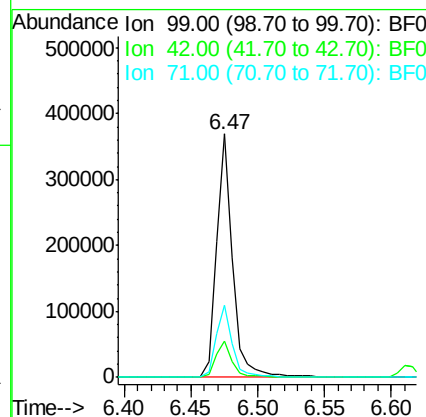
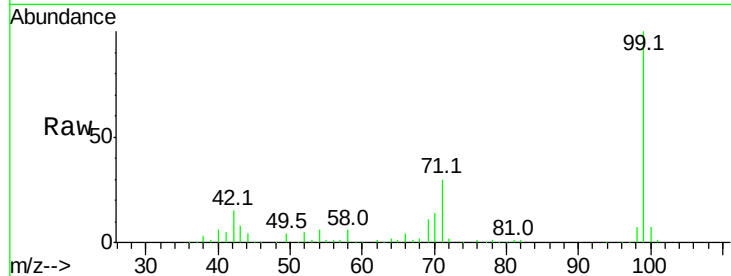
ClientSampled :

ENV-114-3(0-3)

Tot Ion:	99	Resp:	313311
Ion Ratio	Lower	Upper	
99	100		
42	15.1	14.5	21.7
71	29.6	25.4	38.0

Manual Integrations
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#10

Phenol

Concen: 2.457 ng

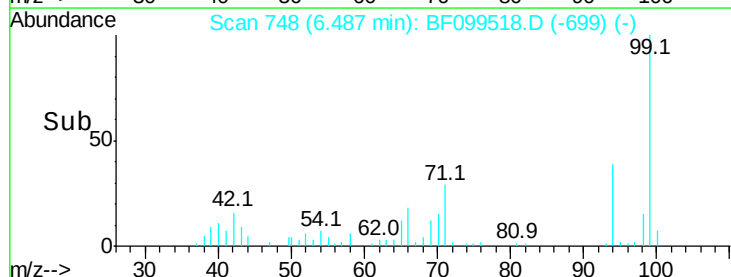
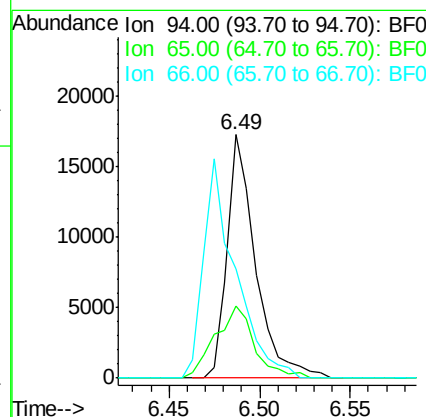
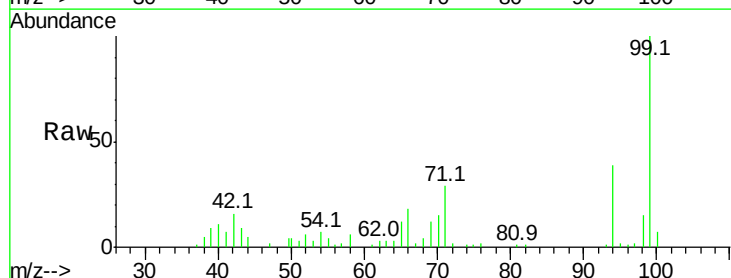
RT: 6.49 min Scan# 748

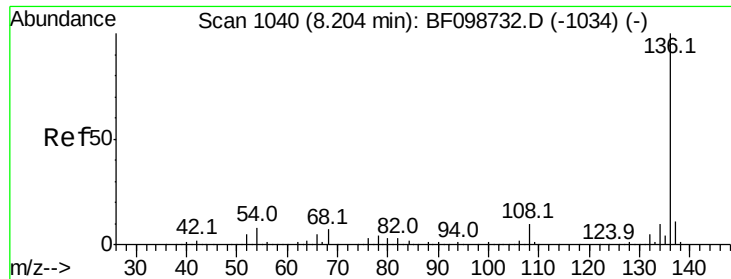
Delta R.T. -0.01 min

Lab File: BF099518.D

Acq: 15 Oct 2017 17:20

Tgt Ion:	94	Resp:	18802
Ion Ratio	Lower	Upper	
94	100		
65	29.4	7.9	47.9
66	44.6	16.2	56.2





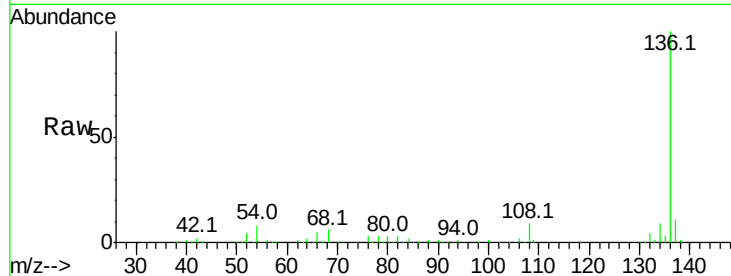
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF099518.D
Acq: 15 Oct 2017 17:20

Instrument :
BNA_F
ClientSampleId :
ENV-114-3(0-3)

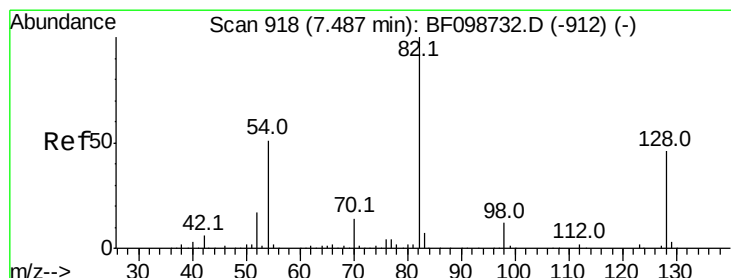
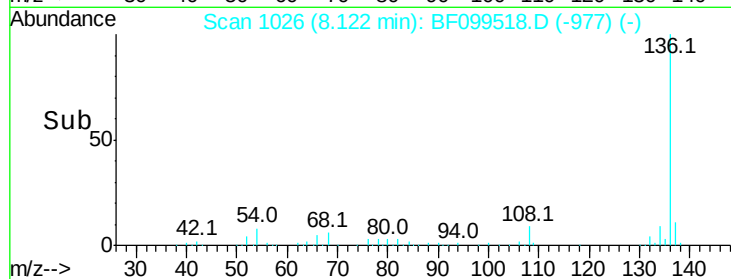
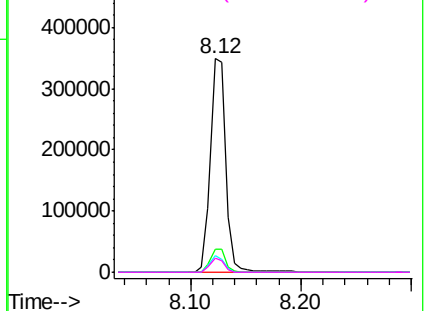
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.9	13.3	
54	7.8	6.6	9.8	
68	6.4	5.0	7.4	

Manual Integrations
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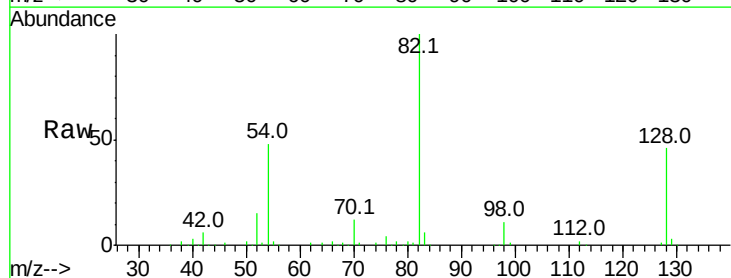


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

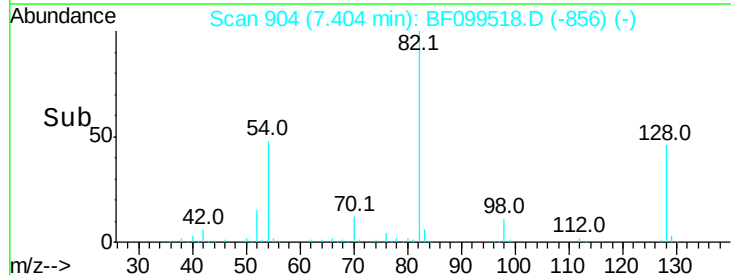
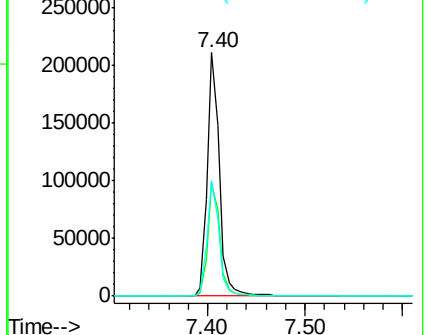


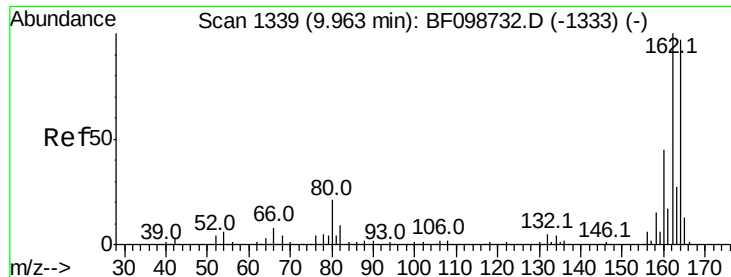
#23
Nitrobenzene-d5
Concen: 35.471 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.02 min
Lab File: BF099518.D
Acq: 15 Oct 2017 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.2	36.1	54.1	
54	47.7	41.4	62.2	



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





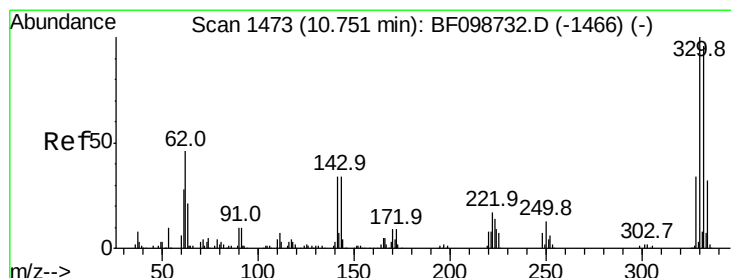
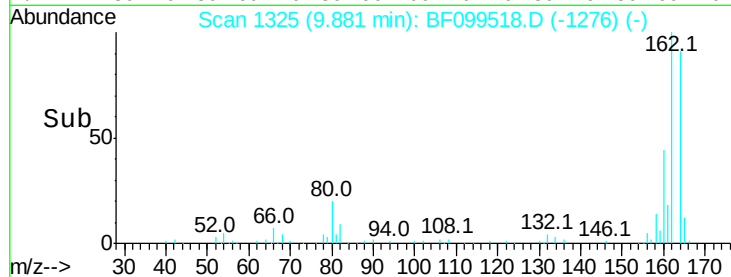
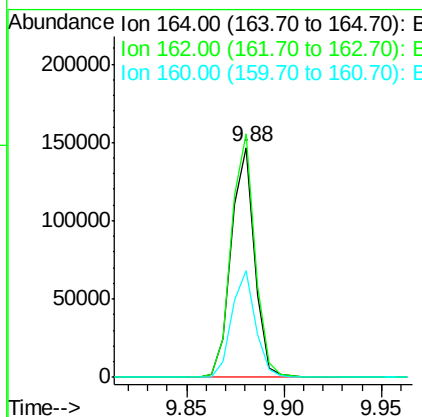
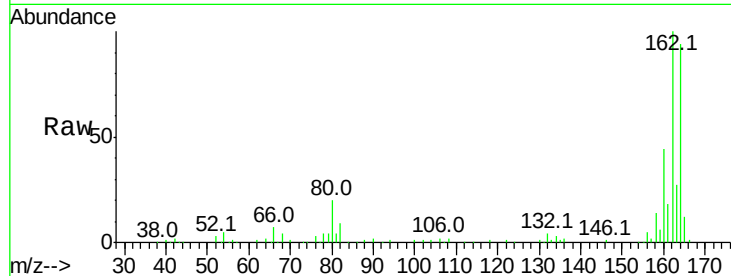
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF099518.D
Acq: 15 Oct 2017 17:20

Instrument :
BNA_F
ClientSampleId :
ENV-114-3(0-3)

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.8	86.1	129.1
160	46.1	38.3	57.5

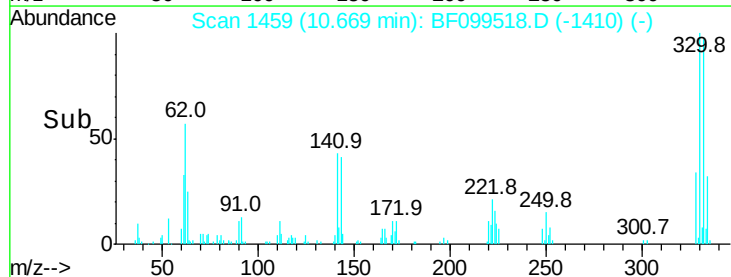
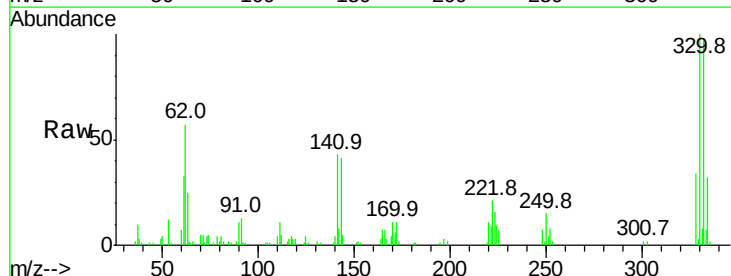
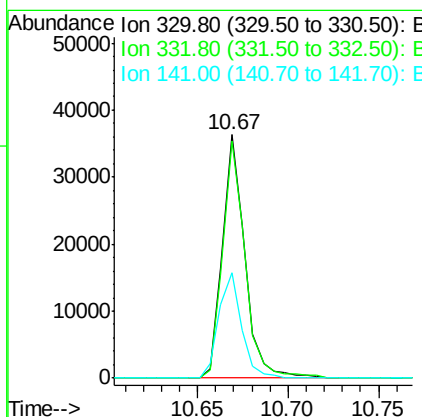
Manual Integrations
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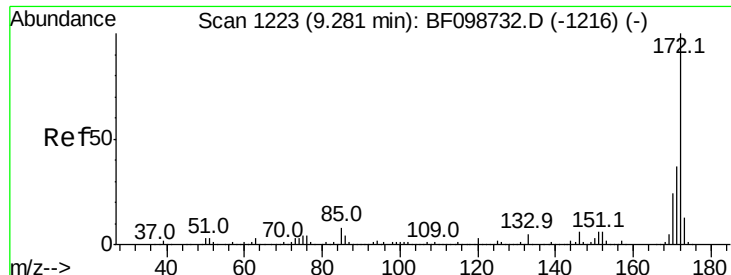
Sohil
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#41
2,4,6-Tribromophenol
Concen: 31.337 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF099518.D
Acq: 15 Oct 2017 17:20

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	44.2	29.9	44.9





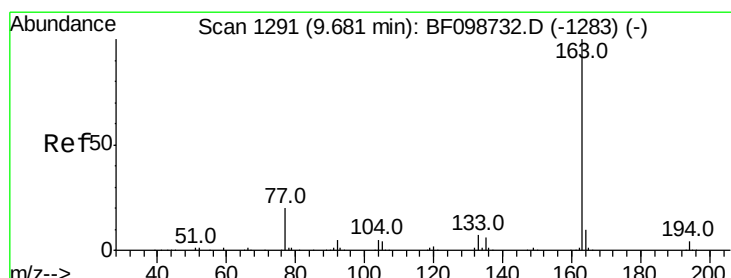
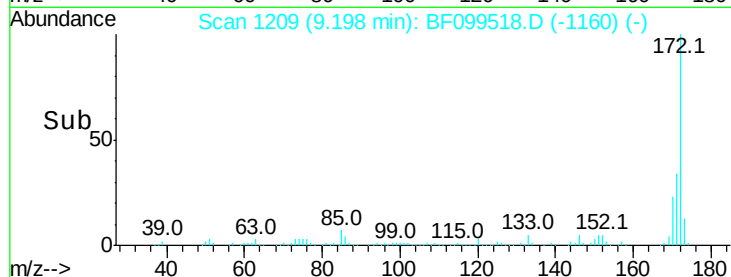
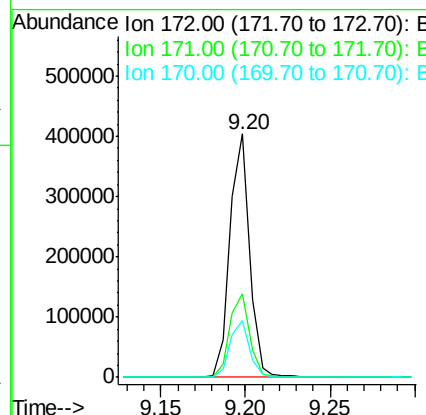
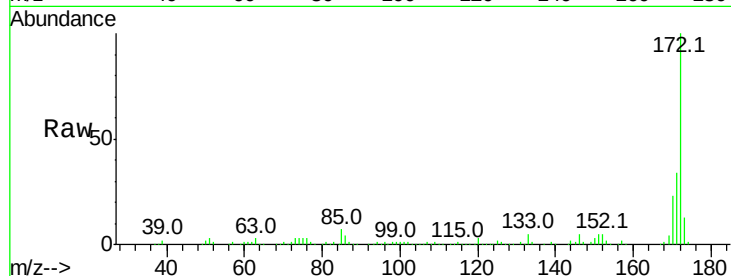
#44
2-Fluorobiphenyl
Concen: 45.022 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF099518.D
Acq: 15 Oct 2017 17:20

Instrument :
BNA_F
ClientSampleId :
ENV-114-3(0-3)

Tot Ion	Ratio	Resp	Lower	Upper
172	100	328922		
171	34.2		29.7	44.5
170	23.1		19.6	29.4

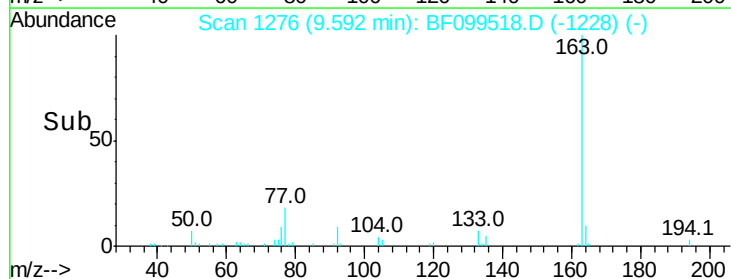
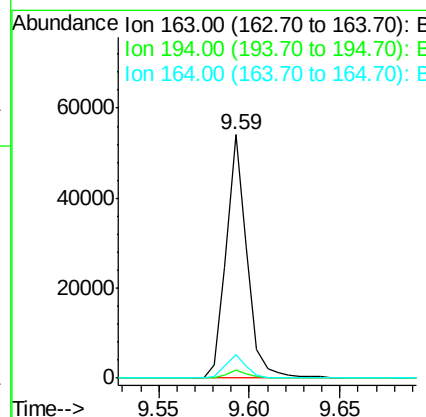
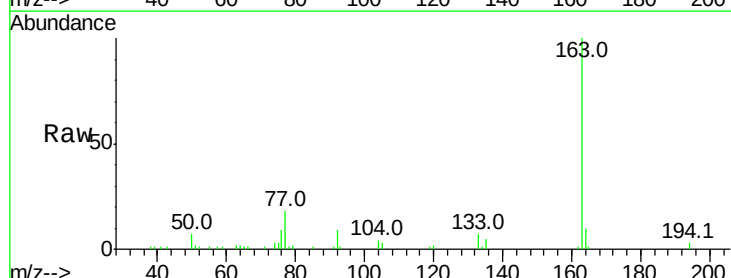
Manual Integrations
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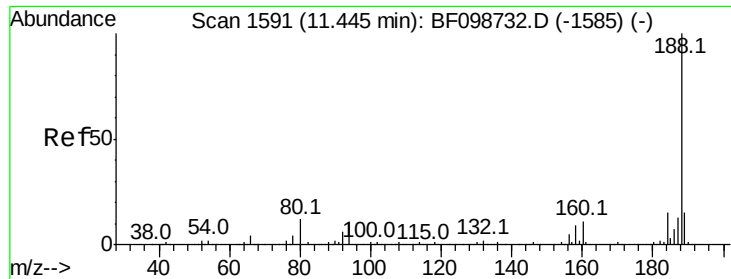
Sohil
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#49
Dimethylphthalate
Concen: 4.697 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF099518.D
Acq: 15 Oct 2017 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	43233		
194	3.2		2.7	4.1
164	9.9		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: BF099518.D

Acq: 15 Oct 2017 17:20

Instrument :

BNA_F

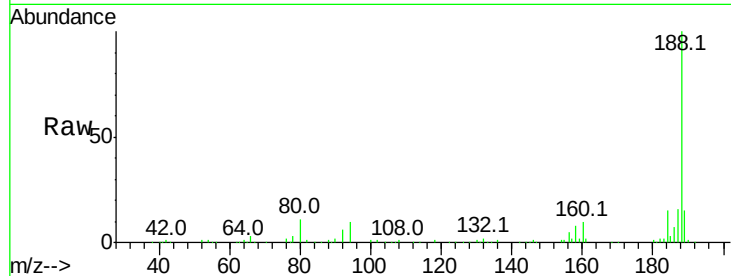
ClientSampleId :

ENV-114-3(0-3)

Tot Ion:	188	Resp:	182147
Ion Ratio	Lower	Upper	
188	100		
94	10.2	8.5	12.7
80	11.1	9.2	13.8

Manual Integrations
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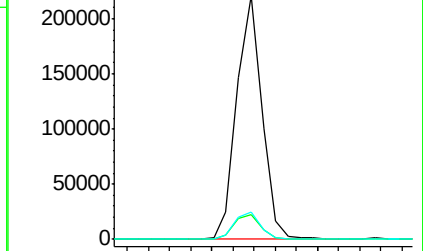
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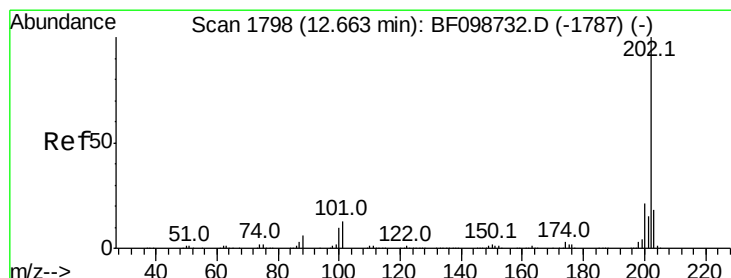
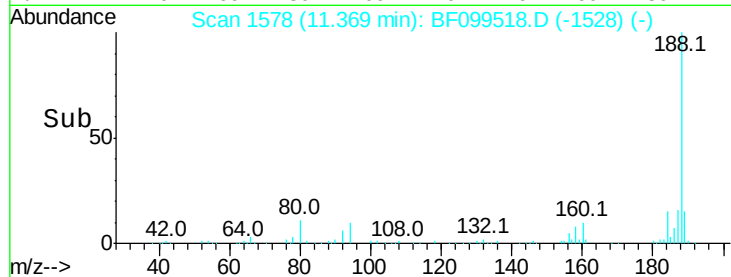
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->



#74

Fluoranthene

Concen: 2.780 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF099518.D

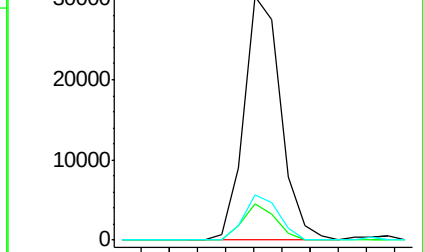
Acq: 15 Oct 2017 17:20

Tgt Ion:	202	Resp:	27449
Ion Ratio	Lower	Upper	
202	100		
101	14.9	0.0	34.1
203	18.6	0.0	38.1

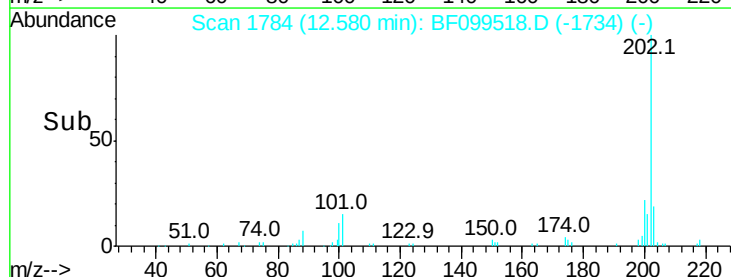
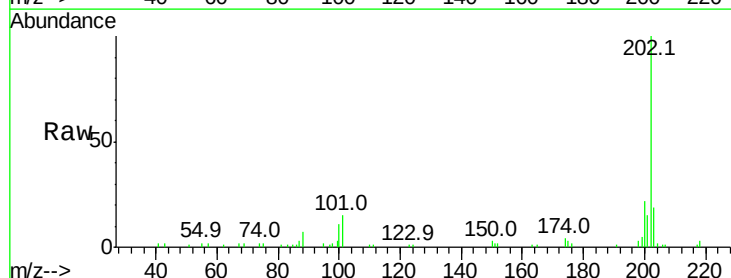
Abundance Ion 202.00 (201.70 to 202.70): E

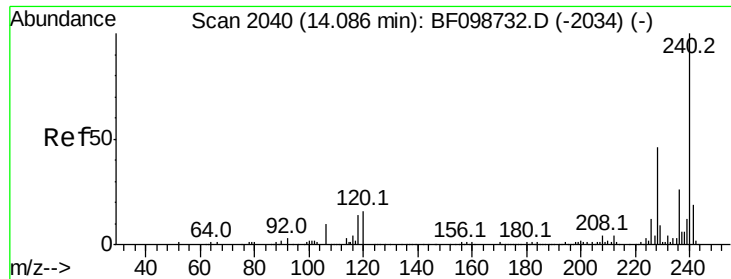
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF099518.D

Acq: 15 Oct 2017 17:20

Instrument :

BNA_F

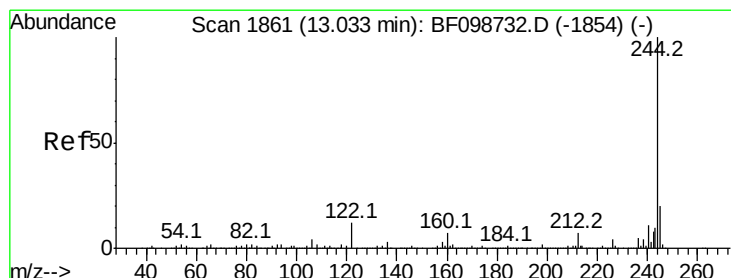
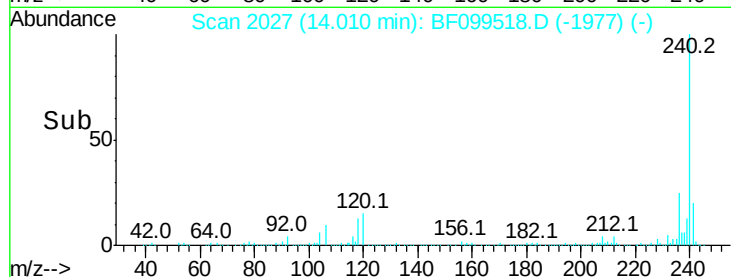
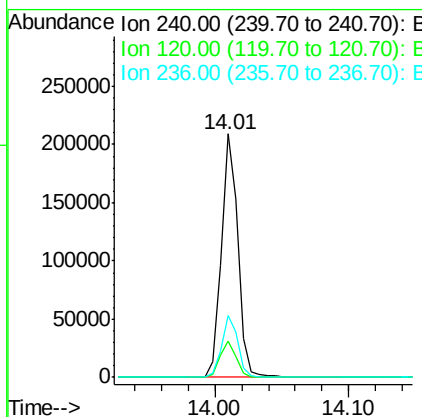
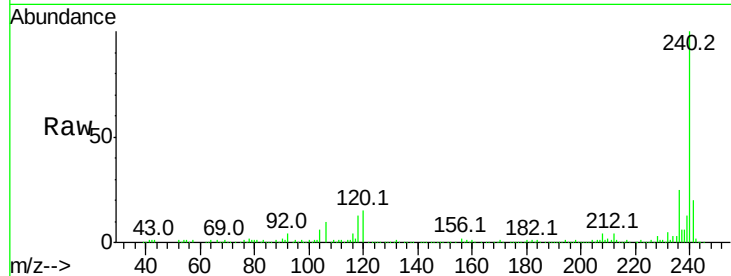
ClientSampleId :

ENV-114-3(0-3)

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.1	9.5	14.3
236	25.3	20.7	31.1

Manual Integrations
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#78

Terphenyl-d14

Concen: 28.357 ng

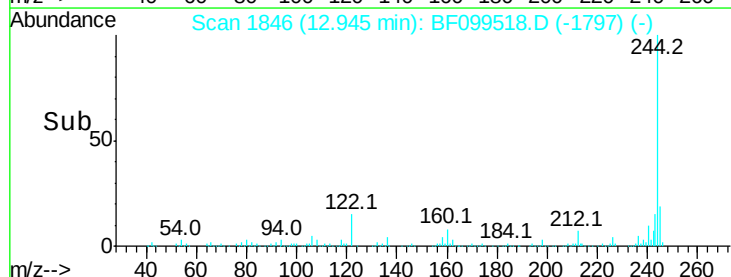
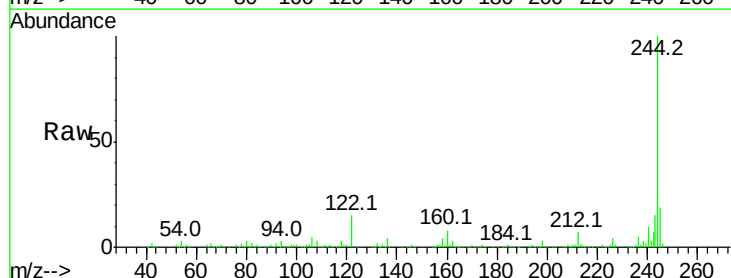
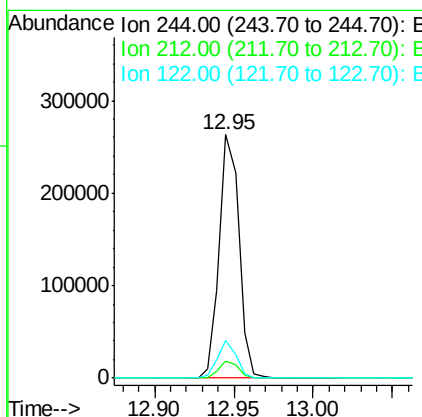
RT: 12.95 min Scan# 1846

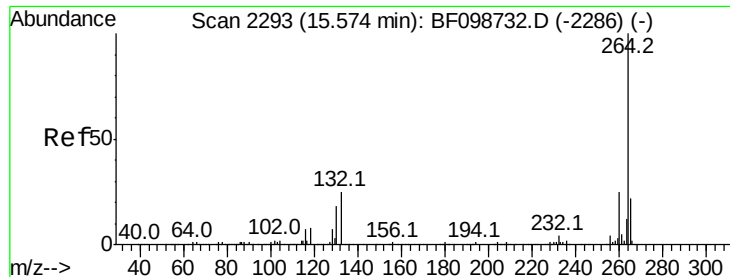
Delta R.T. -0.01 min

Lab File: BF099518.D

Acq: 15 Oct 2017 17:20

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	15.2	11.0	16.4





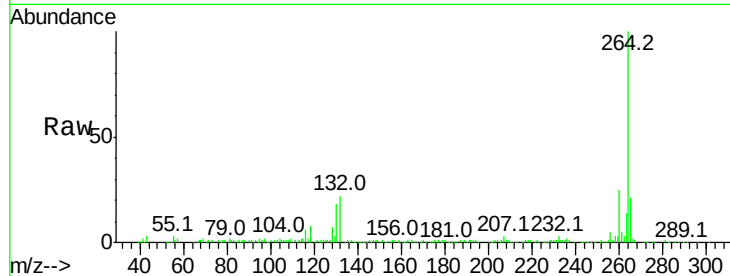
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BF099518.D
Acq: 15 Oct 2017 17:20

Instrument :
BNA_F
ClientSampleId :
ENV-114-3(0-3)

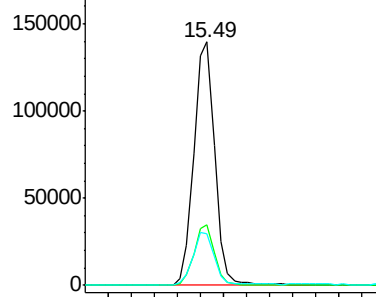
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	21.3	17.5	26.3

Manual Integrations
APPROVED

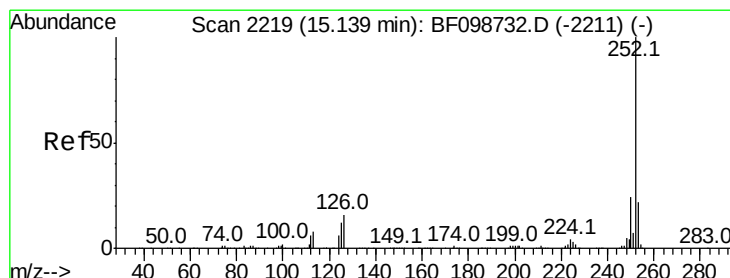
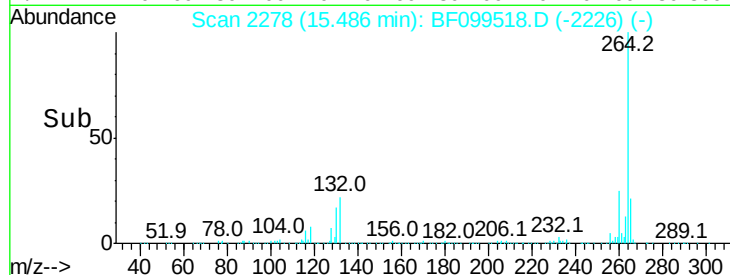
Sohil
10/16/2017 7:45:33 PM



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



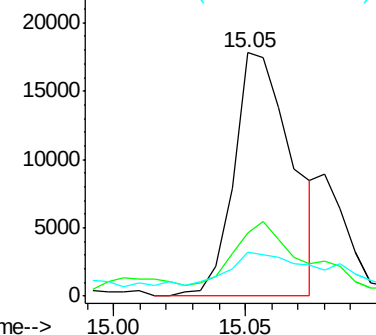
Time-->



#87
Benzo(b)fluoranthene
Concen: 2.527 ng m
RT: 15.05 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BF099518.D
Acq: 15 Oct 2017 17:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.0	25.6#
125	17.9	9.0	13.6#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->

