

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
 Data File : BF101133.D
 Acq On : 5 Dec 2017 19:15
 Operator : SJ/JU
 Sample : I6709-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-105-6(5-10)

Manual Integrations
 APPROVED

Sohil
 12/6/2017 5:12:32 PM

Quant Time: Dec 06 02:16:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	47558	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	184711	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	81596	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	142175	20.00	ng	0.01
75) Chrysene-d12	14.02	240	99773	20.00	ng	0.00
86) Perylene-d12	15.49	264	105283	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	385062	133.79	ng	0.01
7) Phenol-d6	6.49	99	459553	131.52	ng	0.00
23) Nitrobenzene-d5	7.42	82	277078	89.48	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	111995	114.26	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	520605	87.29	ng	0.00
78) Terphenyl-d14	12.96	244	416353	91.27	ng	0.00
Target Compounds						
10) Phenol	6.50	94	12021	3.094	ng	95
25) Isophorone	7.65	82	11541m	2.182	ng	
49) Dimethylphthalate	9.60	163	70856	10.768	ng	# 80
77) Pyrene	12.82	202	15862	2.304	ng	# 89

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

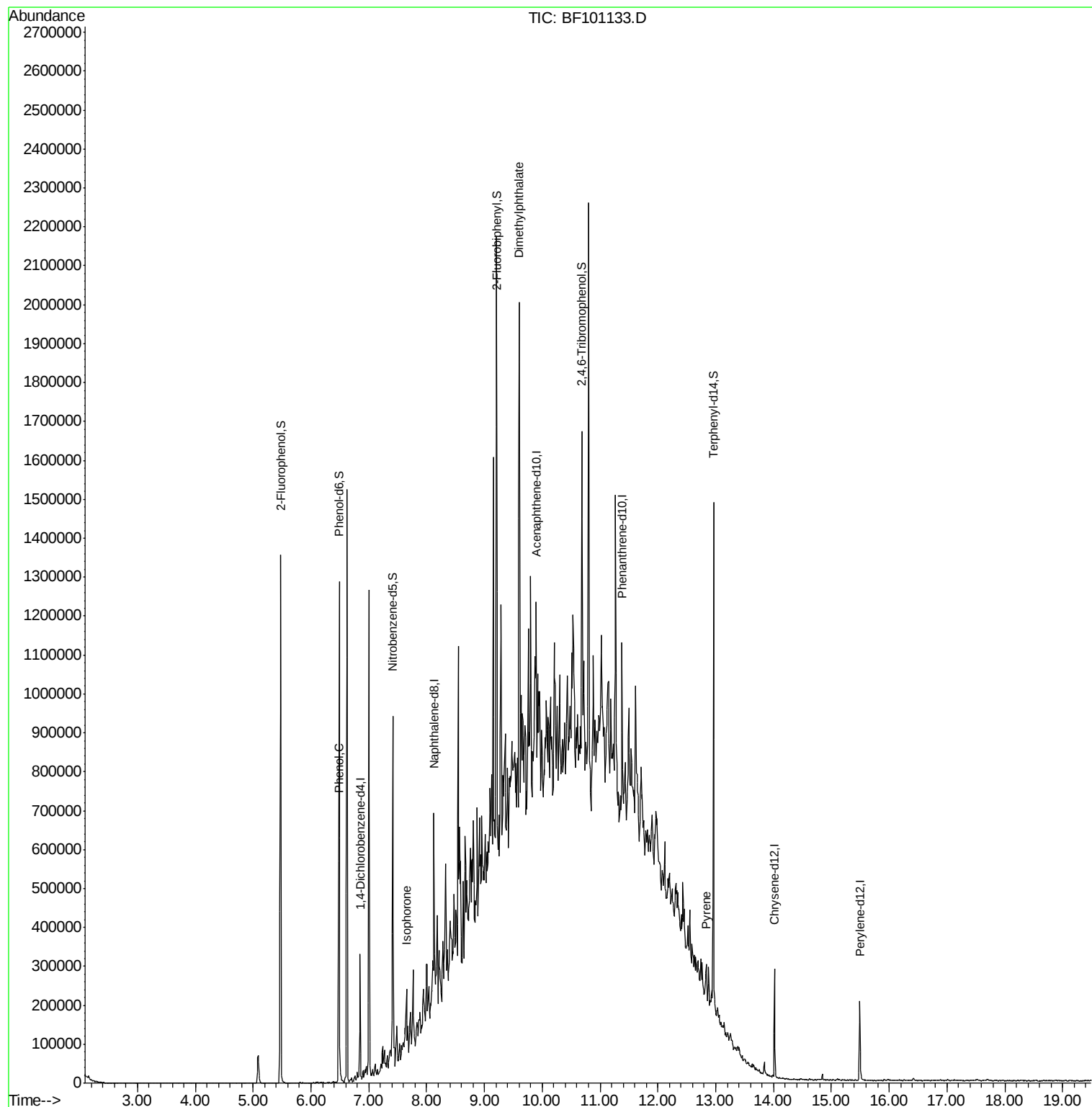
Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
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Acq On : 5 Dec 2017 19:15
Operator : SJ/JU
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Instrument :
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Manual Integrations
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12/6/2017 5:12:32 PM

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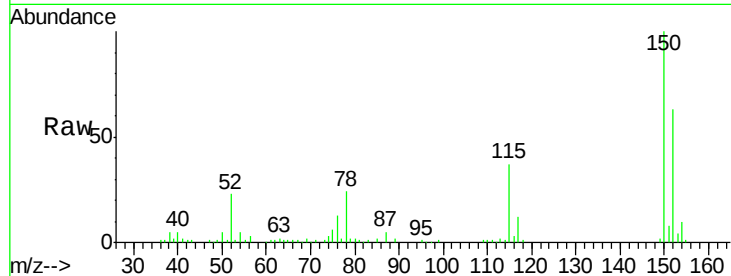
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF101133.D
 Acq: 5 Dec 2017 19:15

Instrument :
 BNA_F
 ClientSampleId :
 ENV-105-6(5-10)

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.7	124.6	186.8
115	59.7	50.1	75.1

Manual Integrations
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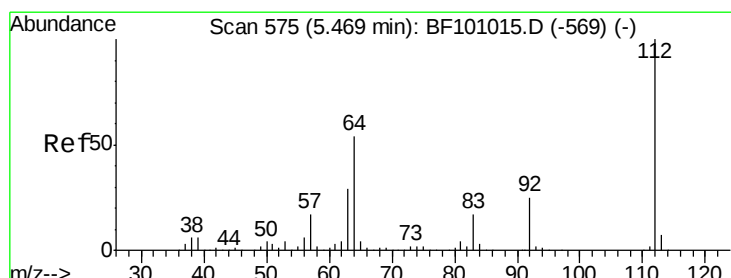
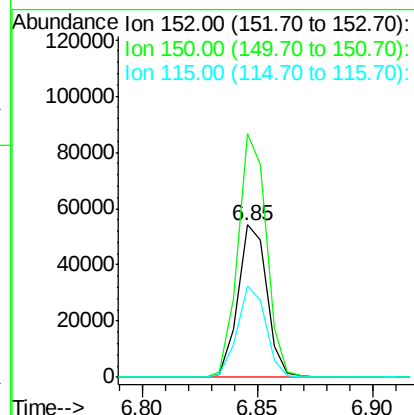
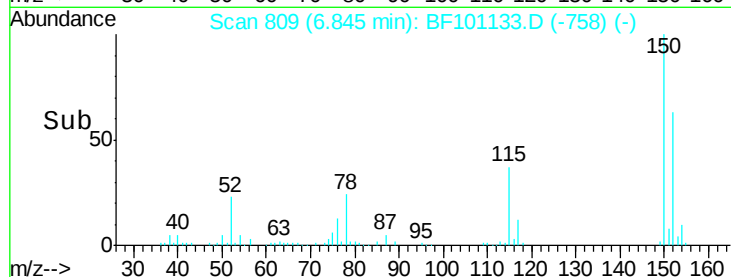


Abundance

Ion 152.00 (151.70 to 152.70): E

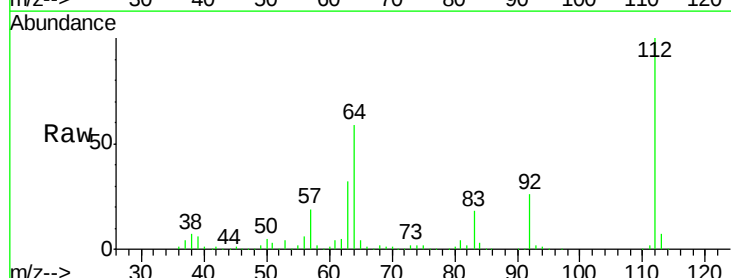
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 133.793 ng
 RT: 5.47 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: BF101133.D
 Acq: 5 Dec 2017 19:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	47.9	71.9
63	31.6	23.7	35.5

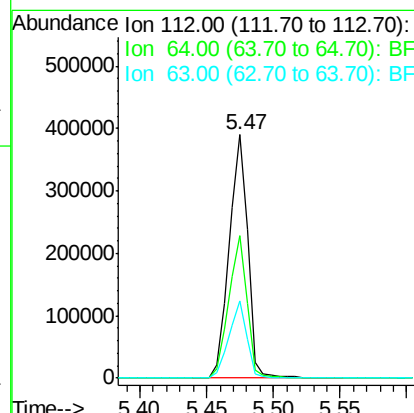
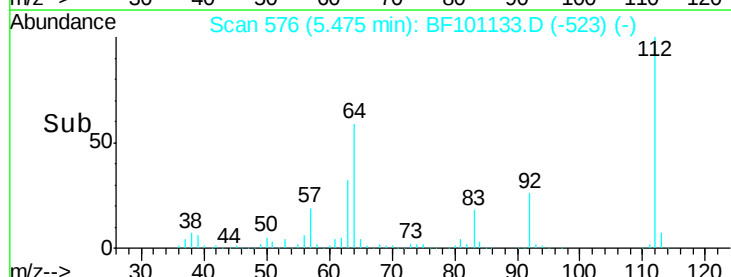


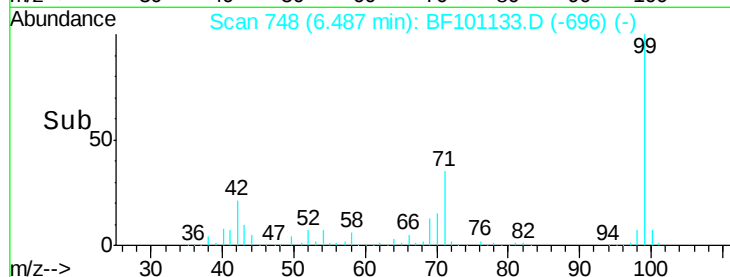
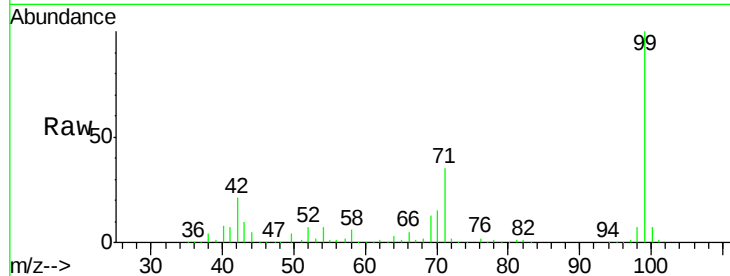
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 131.518 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF101133.D

Acq: 5 Dec 2017 19:15

Tot Ion:	99	Resp:	459553
Ion	Ratio	Lower	Upper
99	100		
42	20.7	14.5	21.7
71	34.7	25.4	38.0

Instrument :

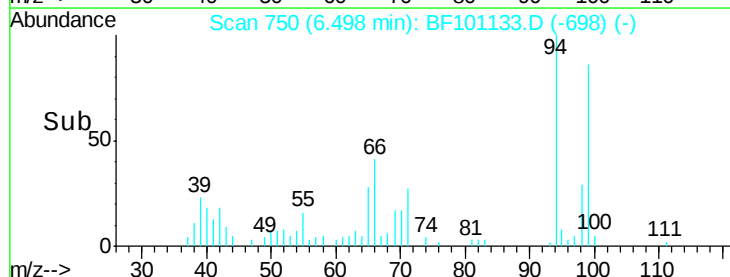
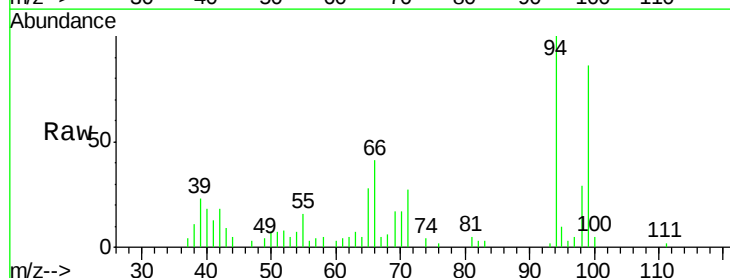
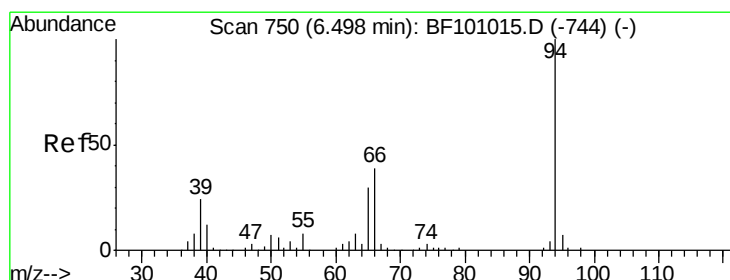
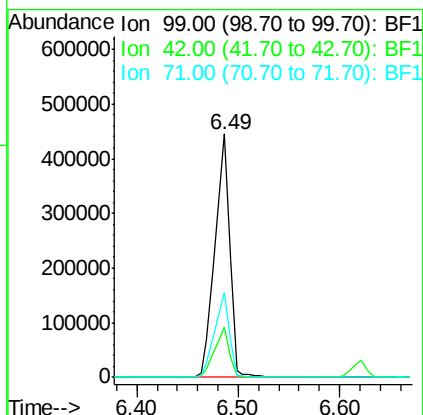
BNA_F

ClientSampleId :

ENV-105-6(5-10)

Manual Integrations
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#10

Phenol

Concen: 3.094 ng

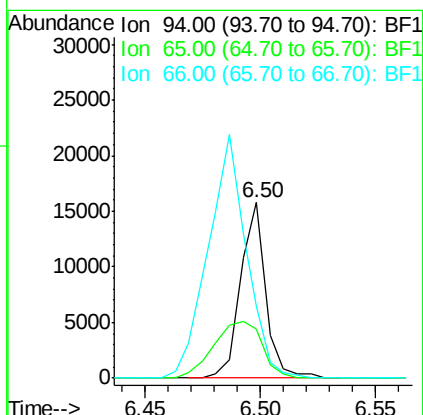
RT: 6.50 min Scan# 750

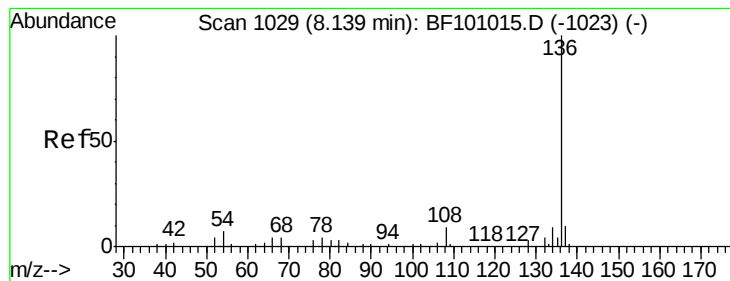
Delta R.T. 0.01 min

Lab File: BF101133.D

Acq: 5 Dec 2017 19:15

Tgt Ion:	94	Resp:	12021
Ion	Ratio	Lower	Upper
94	100		
65	28.3	7.9	47.9
66	41.4	16.2	56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF101133.D

Acq: 5 Dec 2017 19:15

Instrument :

BNA_F

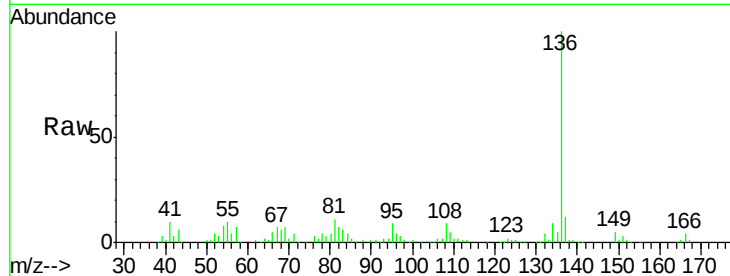
ClientSampleId :

ENV-105-6(5-10)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		184711		
137	11.6		8.9	13.3	
54	7.6		6.6	9.8	
68	5.9		5.0	7.4	

Manual Integrations
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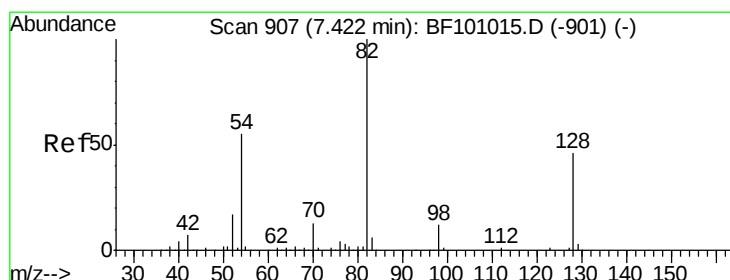
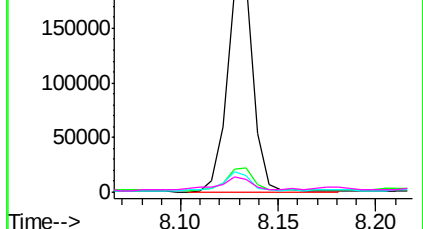
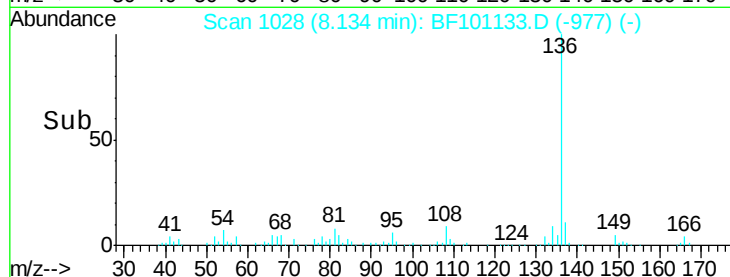


Abundance Ion 136.00 (135.70 to 136.70): B

Ion 137.00 (136.70 to 137.70): B

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 89.483 ng

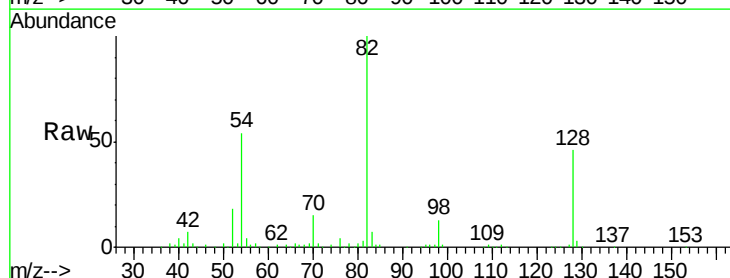
RT: 7.42 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF101133.D

Acq: 5 Dec 2017 19:15

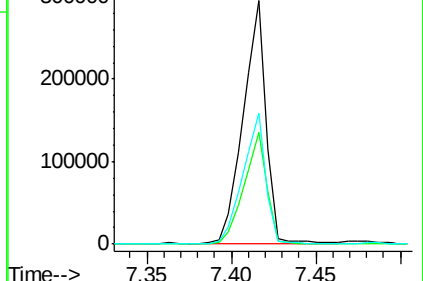
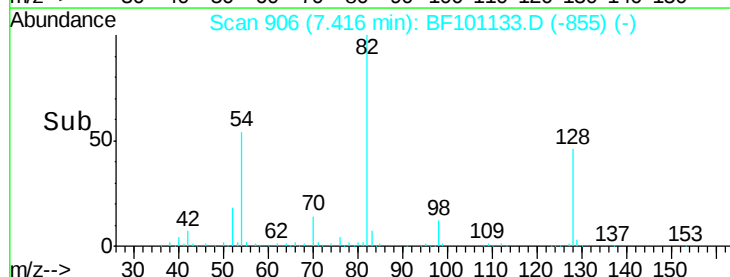
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		277078		
128	45.7		36.1	54.1	
54	53.7		41.4	62.2	

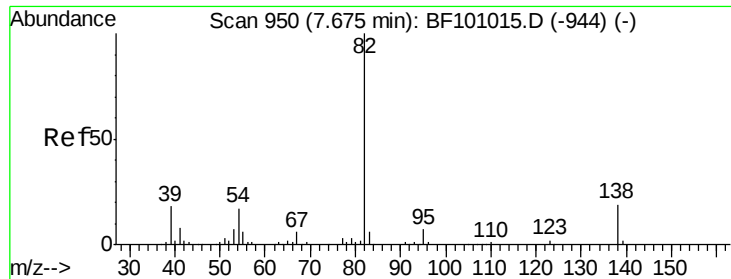


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): BF1





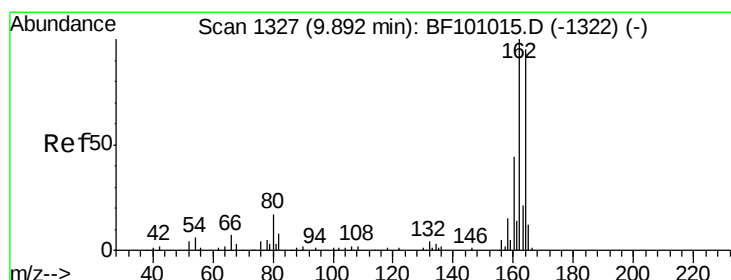
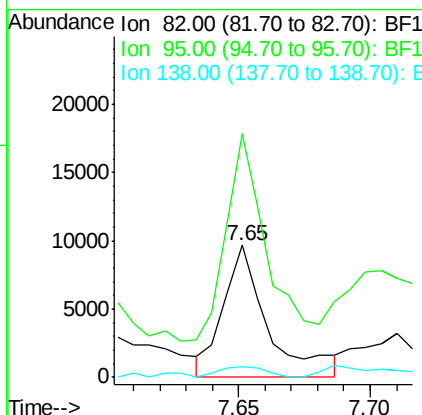
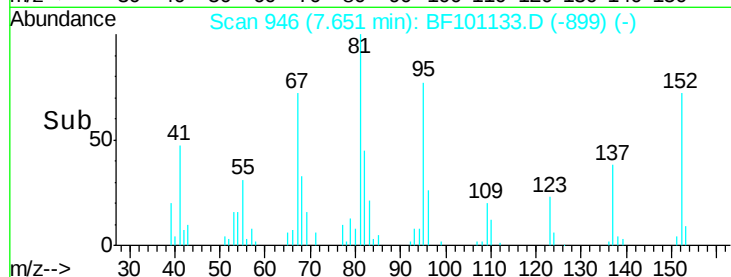
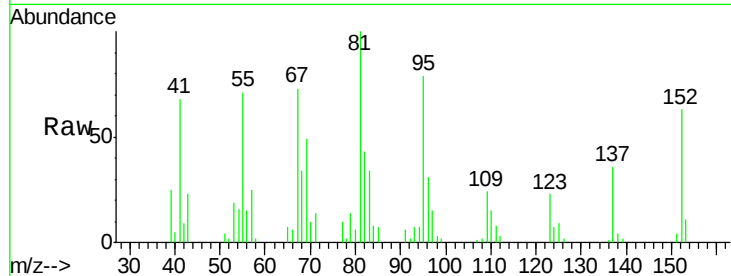
#25
Isophorone
Concen: 2.182 ng/ml
RT: 7.65 min Scan# 946
Delta R.T. -0.02 min
Lab File: BF101133.D
Acq: 5 Dec 2017 19:15

Instrument :
BNA_F
ClientSampleId :
ENV-105-6(5-10)

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	184.2	5.2	7.8#	
138	8.3	14.9	22.3#	

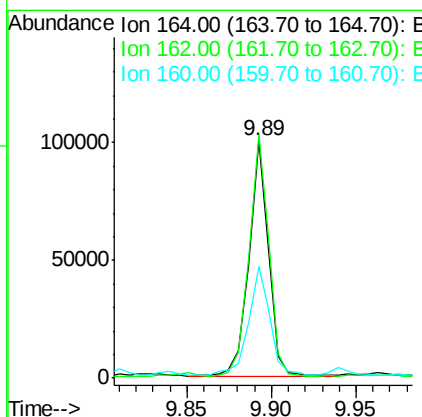
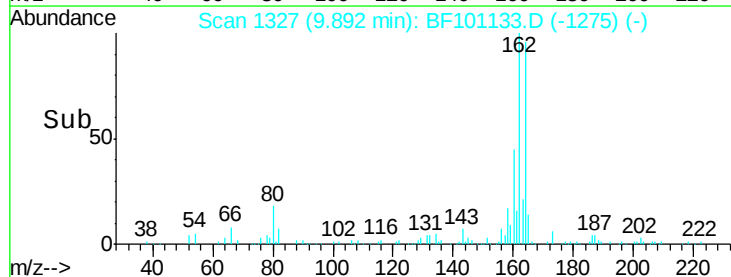
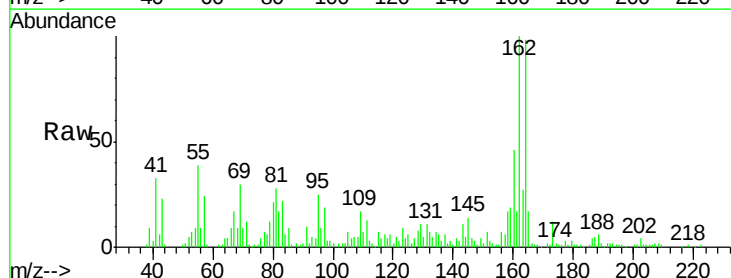
Manual Integrations
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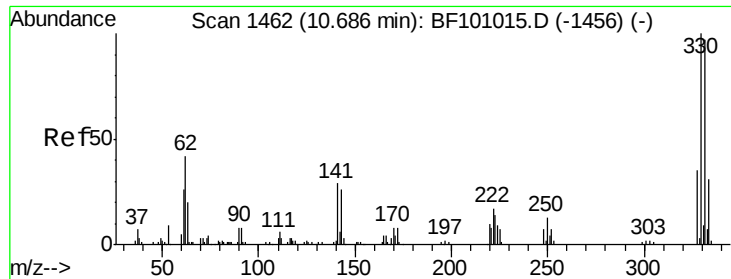
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF101133.D
Acq: 5 Dec 2017 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.4	86.1	129.1	
160	47.1	38.3	57.5	





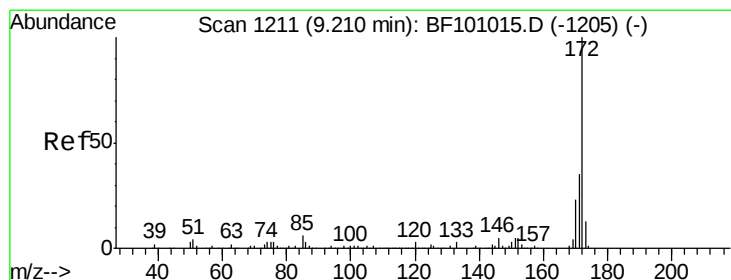
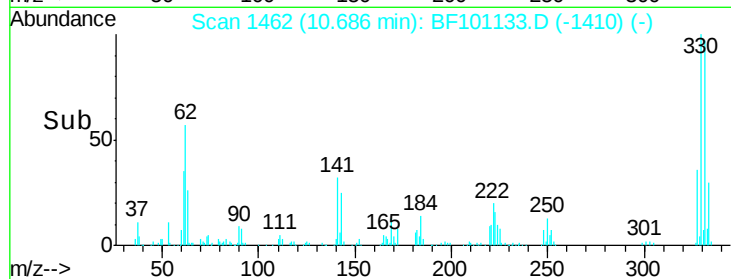
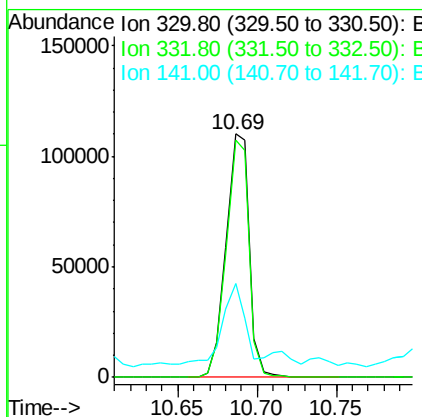
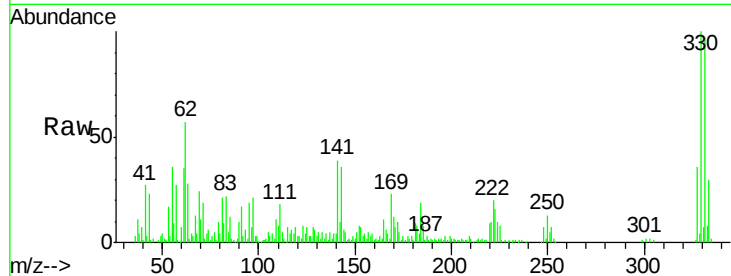
#41
 2,4,6-Tribromophenol
 Concen: 114.257 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.01 min
 Lab File: BF101133.D
 Acq: 5 Dec 2017 19:15

Instrument :
 BNA_F
 ClientSampleId :
 ENV-105-6(5-10)

Tot Ion	Ratio	Resp	Lower	Upper
330	100	111995		
332	95.7	77.0	115.6	
141	33.1	29.9	44.9	

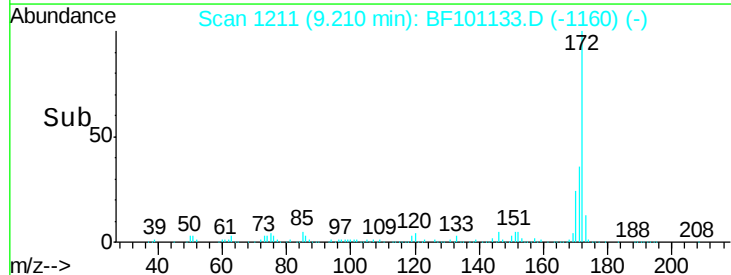
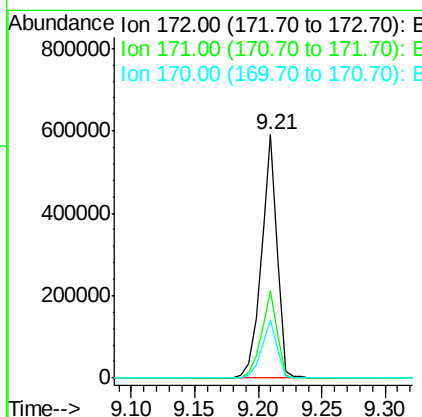
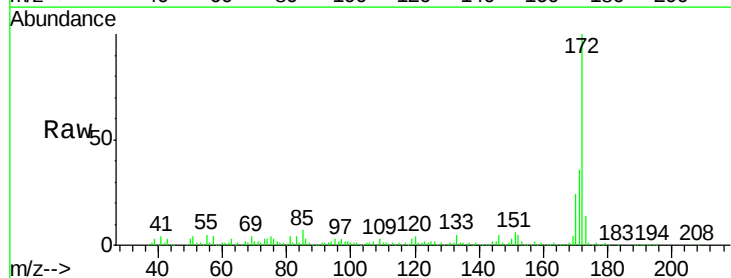
Manual Integrations
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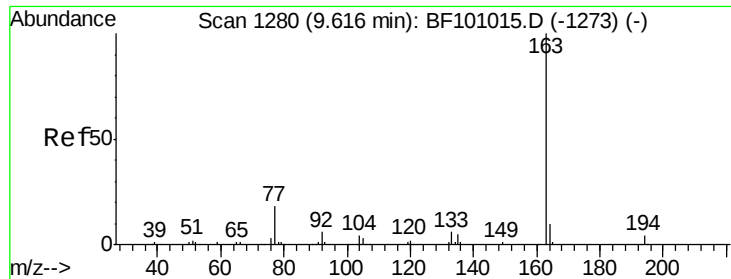
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#44
 2-Fluorobiphenyl
 Concen: 87.295 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF101133.D
 Acq: 5 Dec 2017 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	520605		
171	35.8	29.7	44.5	
170	23.7	19.6	29.4	





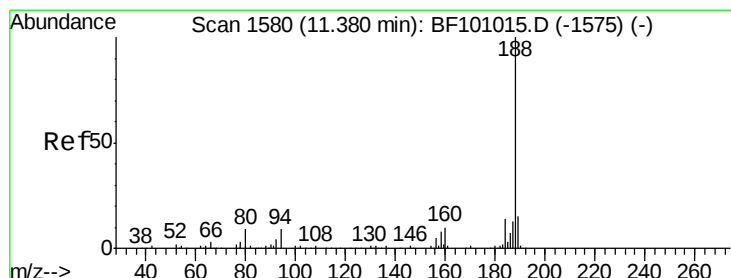
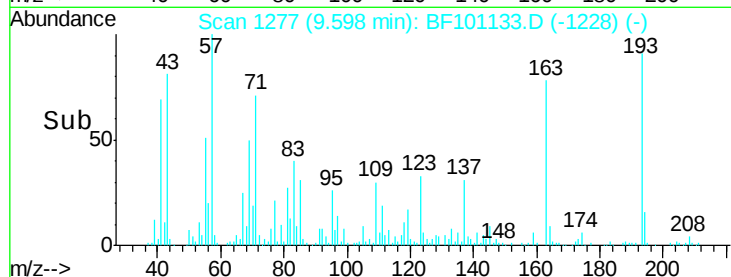
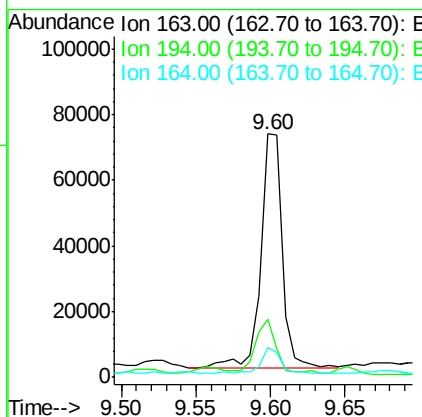
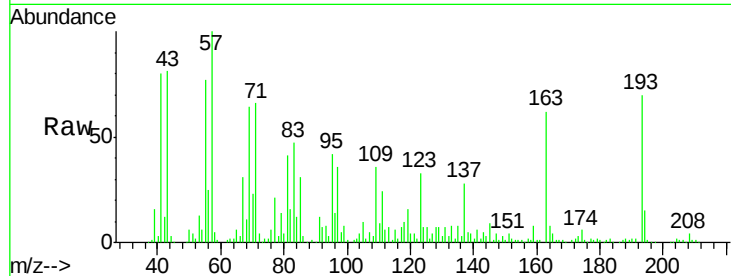
#49
Dimethylphthalate
Concen: 10.768 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF101133.D
Acq: 5 Dec 2017 19:15

Instrument :
BNA_F
ClientSampleId :
ENV-105-6(5-10)

Tot Ion	Ratio	Lower	Upper
163	100		
194	23.7	2.7	4.1#
164	12.3	8.2	12.2#

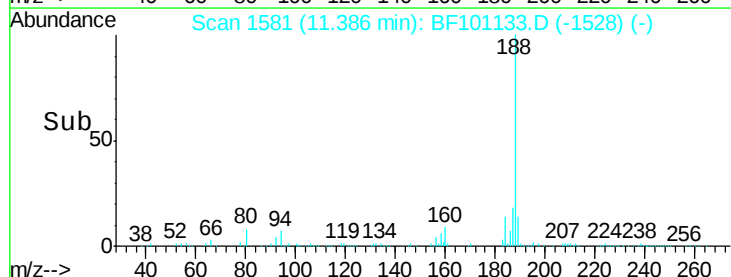
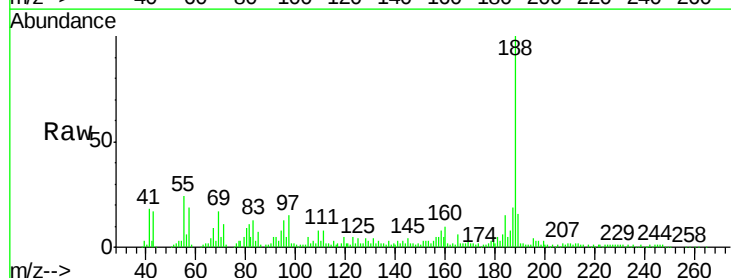
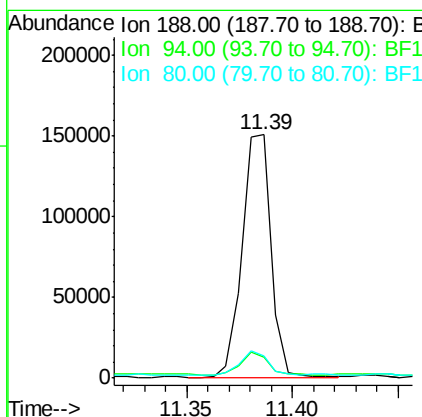
Manual Integrations
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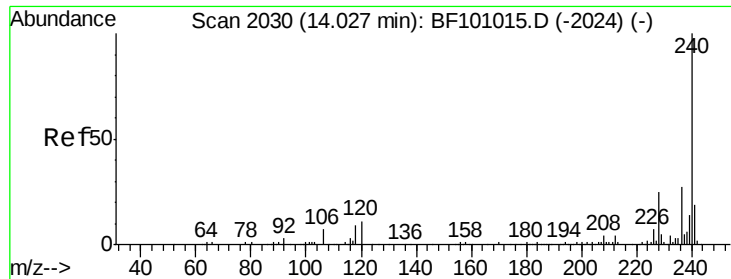
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.01 min
Lab File: BF101133.D
Acq: 5 Dec 2017 19:15

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.5	12.7#
80	9.1	9.2	13.8#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF101133.D

Acq: 5 Dec 2017 19:15

Instrument :

BNA_F

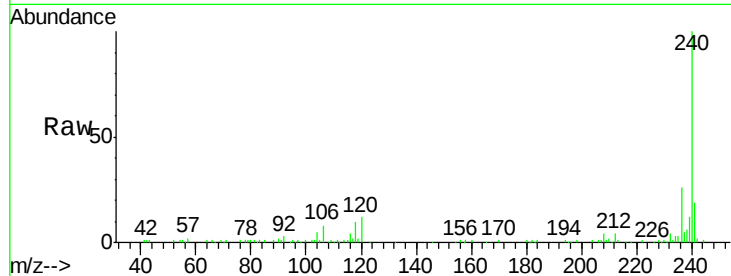
ClientSampleId :

ENV-105-6(5-10)

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.5	14.3
236	25.7	20.7	31.1

Manual Integrations
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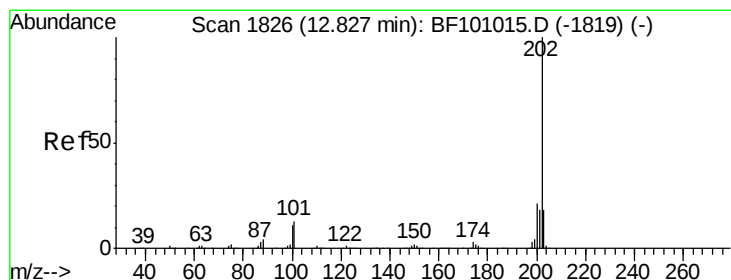
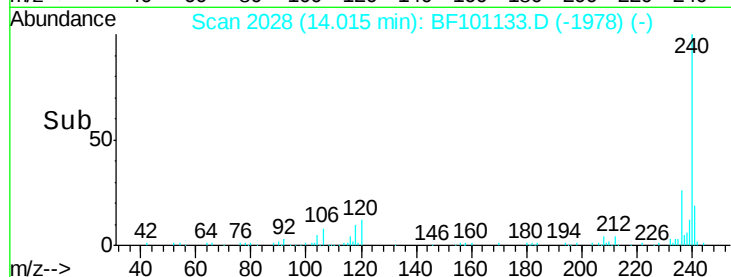
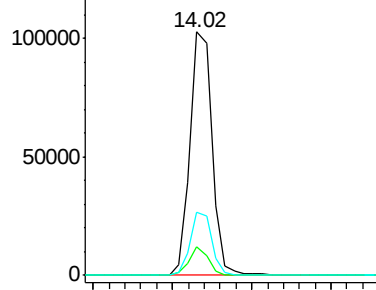
Sohil
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 2.304 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF101133.D

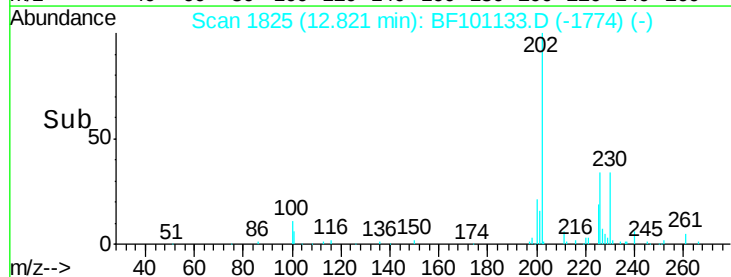
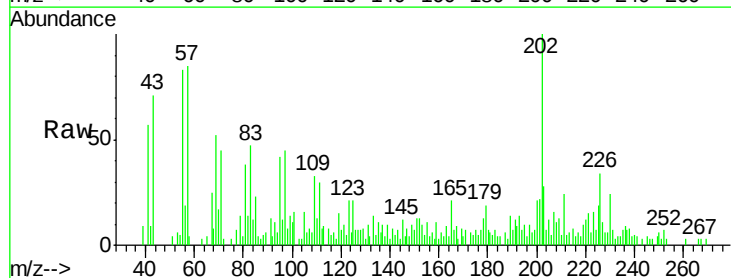
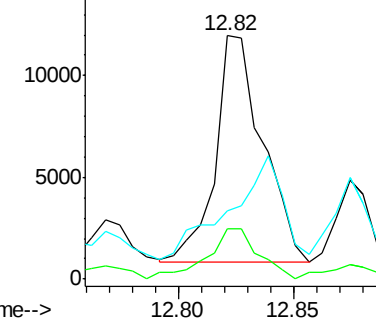
Acq: 5 Dec 2017 19:15

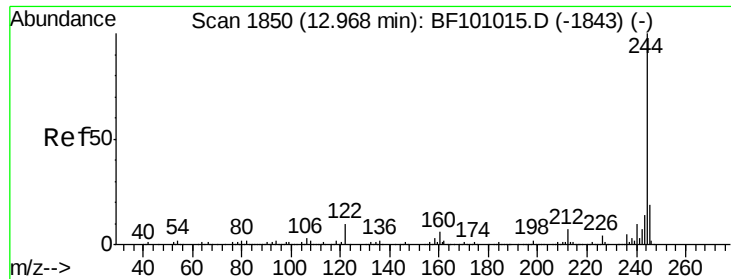
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.2
203	28.0	14.3	21.5#

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





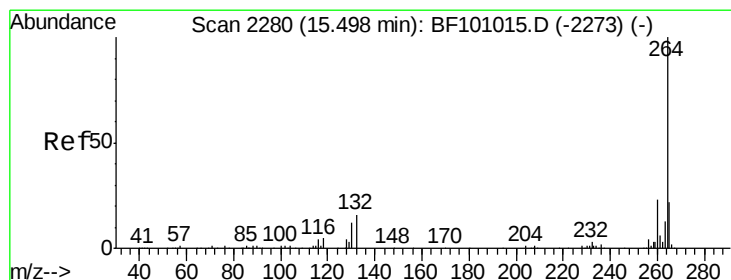
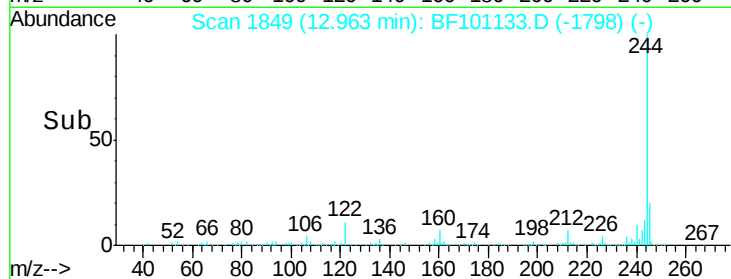
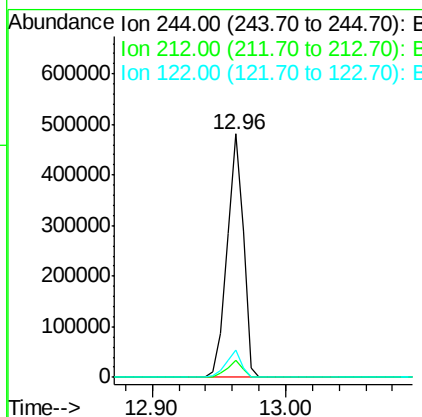
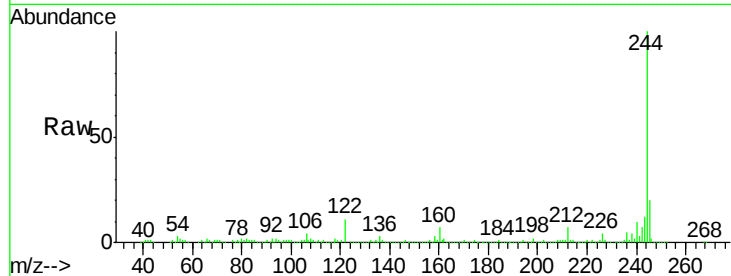
#78
 Terphenyl-d14
 Concen: 91.275 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. 0.00 min
 Lab File: BF101133.D
 Acq: 5 Dec 2017 19:15

Instrument :
 BNA_F
 ClientSampleId :
 ENV-105-6(5-10)

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

Manual Integrations
 APPROVED

Sohil
 12/6/2017 5:12:32 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BF101133.D
 Acq: 5 Dec 2017 19:15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.4	17.5	26.3

