

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF120117\
 Data File : BF101066.D
 Acq On : 1 Dec 2017 16:37
 Operator : SJ/JU
 Sample : I6618-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-106-6(0-5)

Manual Integrations
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Sohil
 12/4/2017 11:56:43 AM

Quant Time: Dec 04 00:35:58 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 15:52:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	54900	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	213493	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	95996	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	164725	20.00	ng	0.00
75) Chrysene-d12	14.02	240	128045	20.00	ng	0.00
86) Perylene-d12	15.50	264	119115	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	313388	94.33	ng	0.00
7) Phenol-d6	6.48	99	379955	94.20	ng	0.00
23) Nitrobenzene-d5	7.41	82	234754	65.59	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	72591	62.95	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	460448	65.63	ng	0.00
78) Terphenyl-d14	12.96	244	350284	59.84	ng	0.00
Target Compounds						
10) Phenol	6.49	94	15716	3.504	ng	97
49) Dimethylphthalate	9.59	163	23228	3.000	ng	# 96
70) Phenanthrene	11.40	178	76023	8.381	ng	97
71) Anthracene	11.44	178	23488	2.558	ng	97
74) Fluoranthene	12.59	202	145204	14.440	ng	96
77) Pyrene	12.82	202	134079	15.175	ng	98
80) Benzo(a)anthracene	14.01	228	71383	8.830	ng	98
82) Chrysene	14.04	228	68778	9.160	ng	99
85) Indeno(1,2,3-cd)pyrene	16.97	276	30353	4.547	ng	95
87) Benzo(b)fluoranthene	15.06	252	85850m	12.033	ng	
88) Benzo(k)fluoranthene	15.09	252	23477m	3.340	ng	
89) Benzo(a)pyrene	15.43	252	57844	8.918	ng	95
91) Benzo(a,h,i)perylene	17.43	276	27180m	5.044	ng	

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

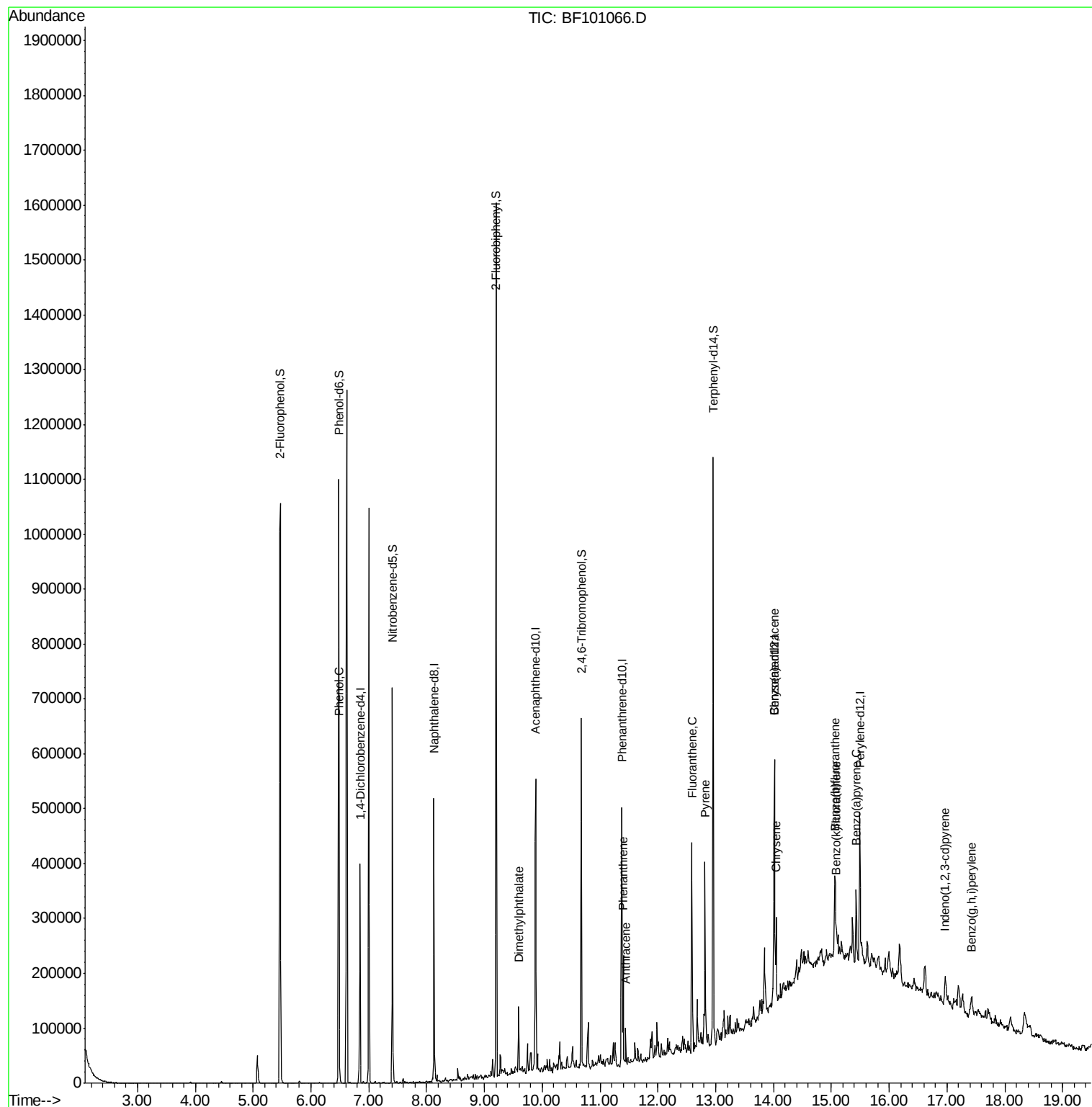
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120117\
Data File : BF101066.D
Acq On : 1 Dec 2017 16:37
Operator : SJ/JU
Sample : I6618-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

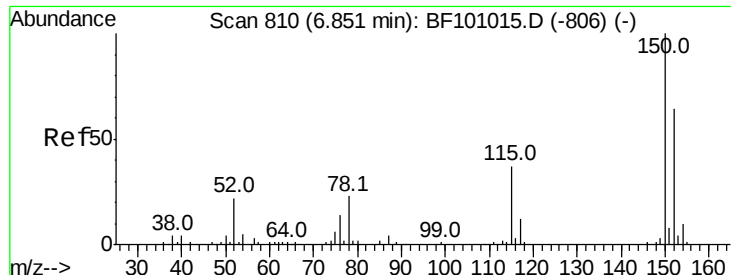
Instrument :
BNA_F
ClientSampleId :
ENV-106-6(0-5)

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Quant Time: Dec 04 00:35:58 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

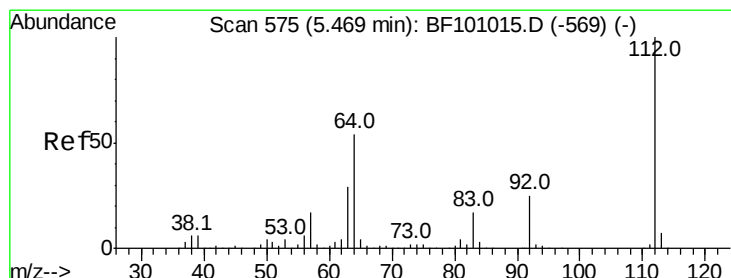
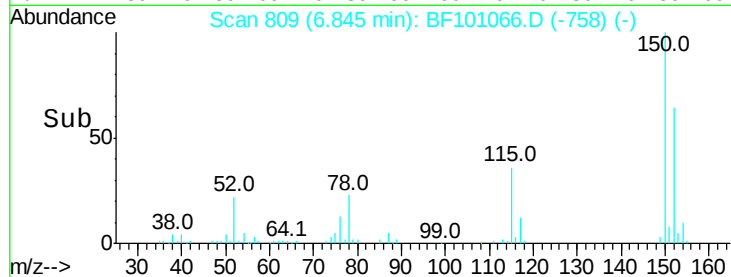
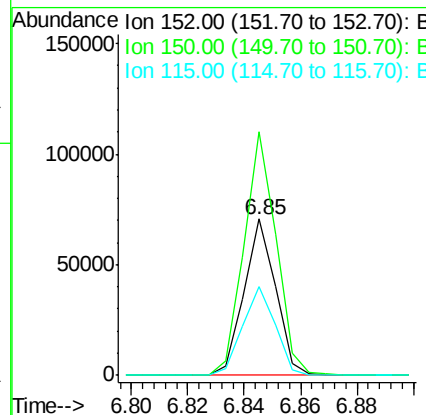
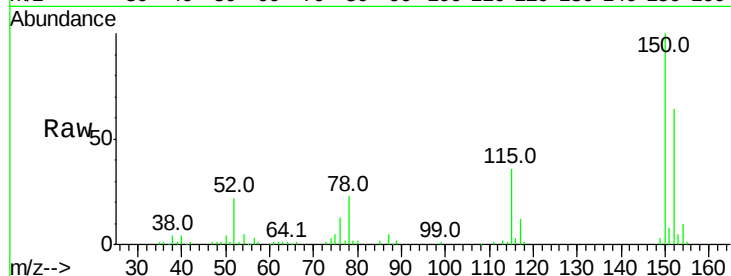
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF101066.D
 Acq: 1 Dec 2017 16:37

Instrument :
 BNA_F
 ClientSampleId :
 ENV-106-6(0-5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.6	186.8
115	56.8	50.1	75.1

Manual Integrations
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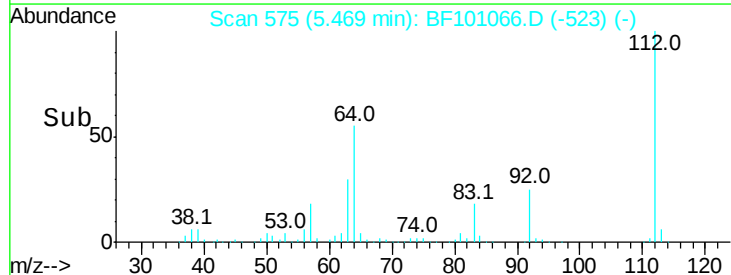
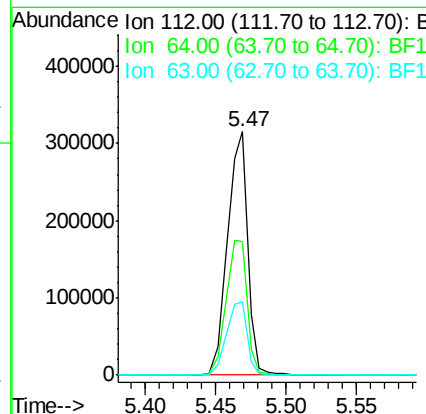
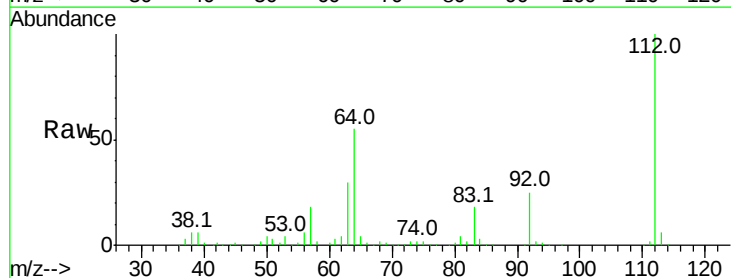
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#5

2-Fluorophenol
 Concen: 94.327 ng
 RT: 5.47 min Scan# 575
 Delta R.T. 0.01 min
 Lab File: BF101066.D
 Acq: 1 Dec 2017 16:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.1	47.9	71.9
63	30.3	23.7	35.5





#7

Phenol-d6

Concen: 94.196 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF101066.D

Acq: 1 Dec 2017 16:37

Instrument :

BNA_F

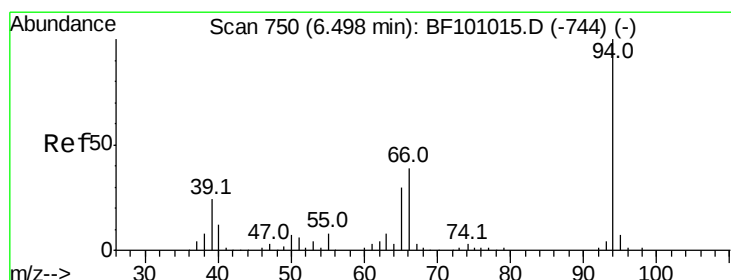
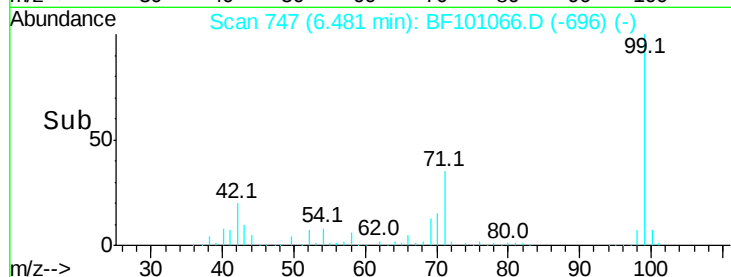
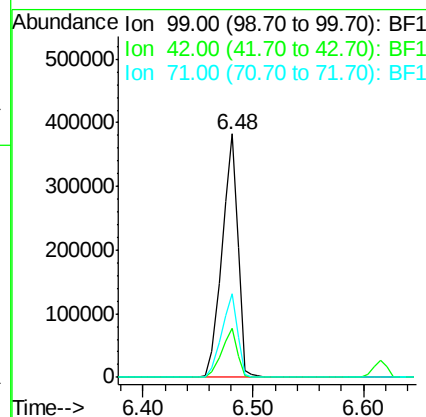
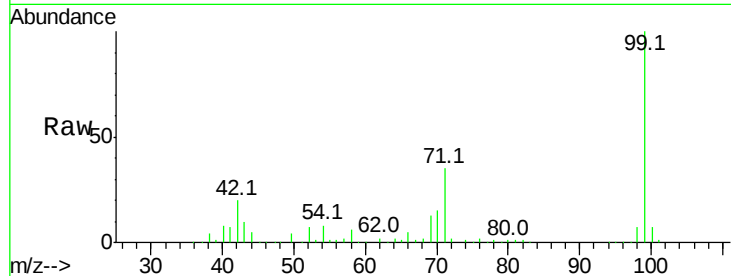
ClientSampleId :

ENV-106-6(0-5)

Tot Ion:	99	Resp:	379955
Ion Ratio	Lower	Upper	
99	100		
42	20.3	14.5	21.7
71	34.5	25.4	38.0

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#10

Phenol

Concen: 3.504 ng

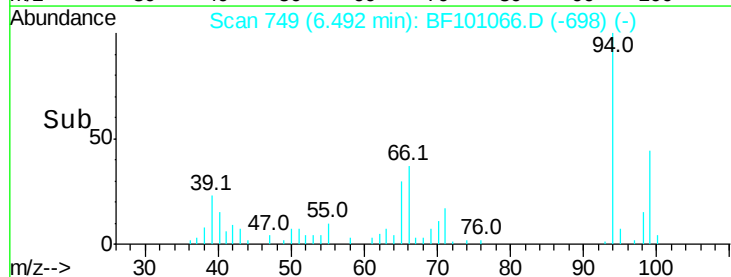
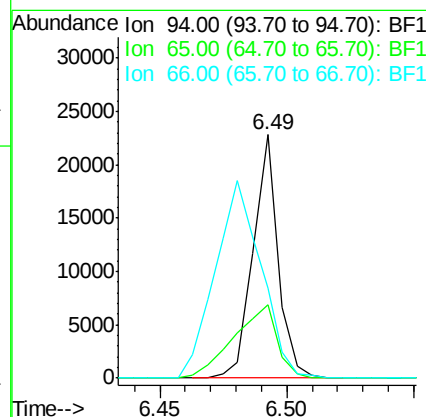
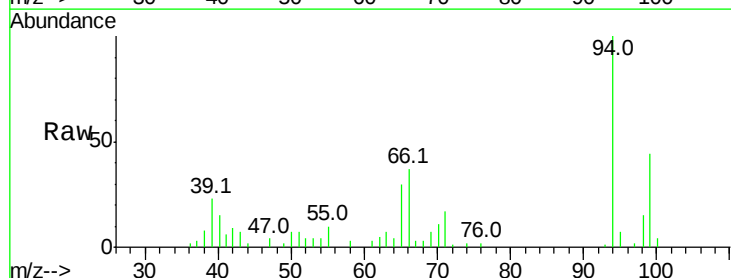
RT: 6.49 min Scan# 749

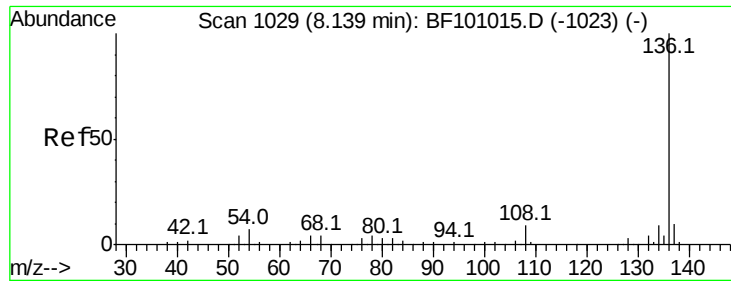
Delta R.T. 0.00 min

Lab File: BF101066.D

Acq: 1 Dec 2017 16:37

Tgt Ion:	94	Resp:	15716
Ion Ratio	Lower	Upper	
94	100		
65	30.1	7.9	47.9
66	37.1	16.2	56.2





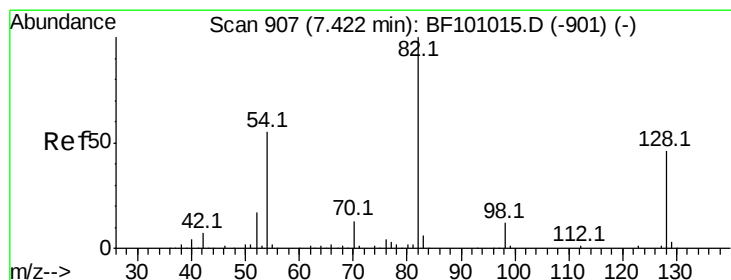
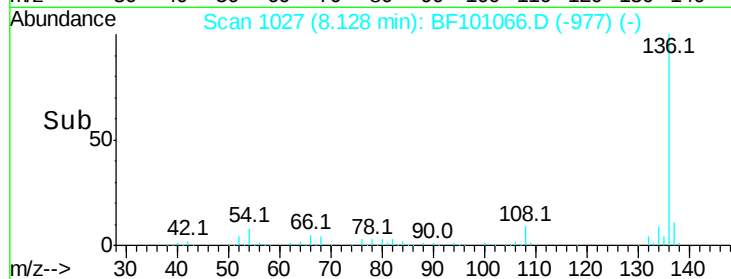
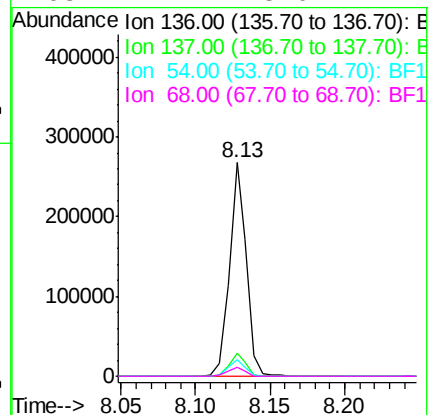
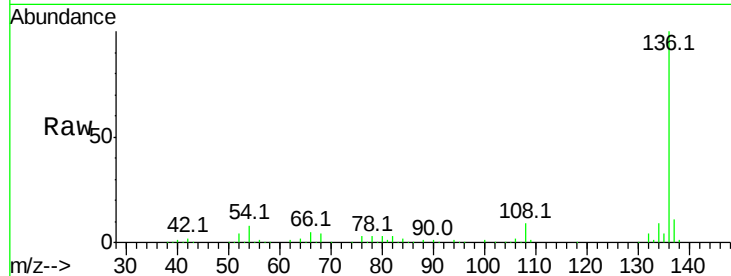
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101066.D
Acq: 1 Dec 2017 16:37

Instrument :
BNA_F
ClientSampleId :
ENV-106-6(0-5)

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.9	13.3	
54	8.1	6.6	9.8	
68	4.4	5.0	7.4	

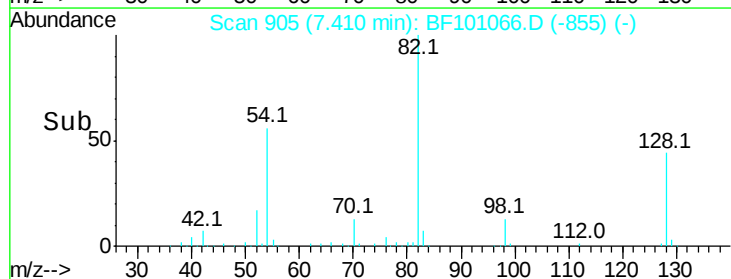
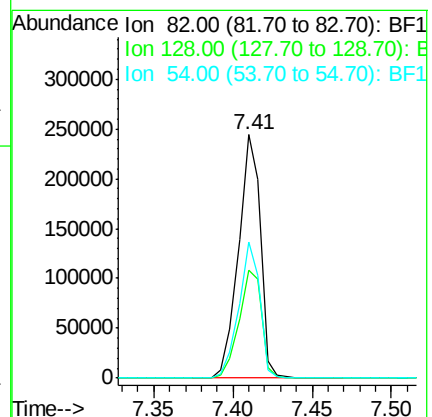
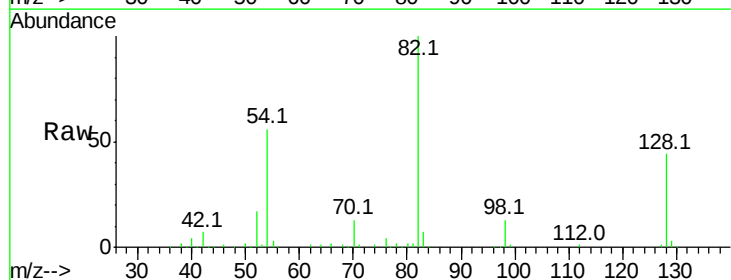
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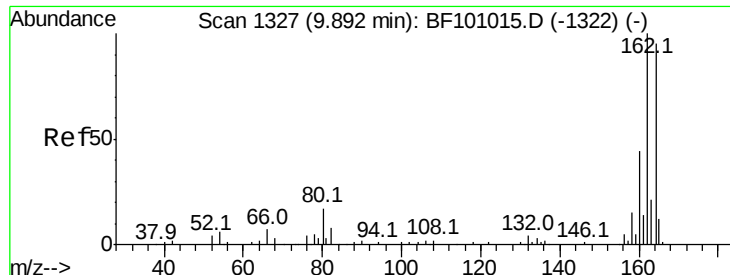
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#23
Nitrobenzene-d5
Concen: 65.594 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101066.D
Acq: 1 Dec 2017 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.2	36.1	54.1	
54	55.7	41.4	62.2	





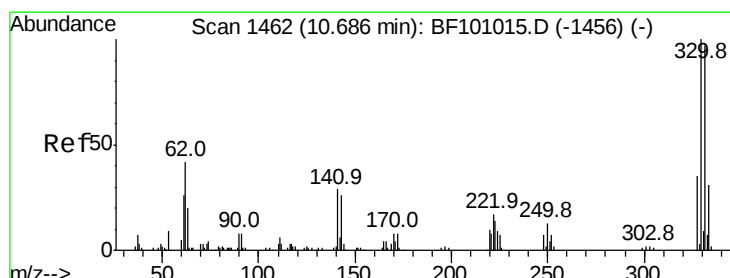
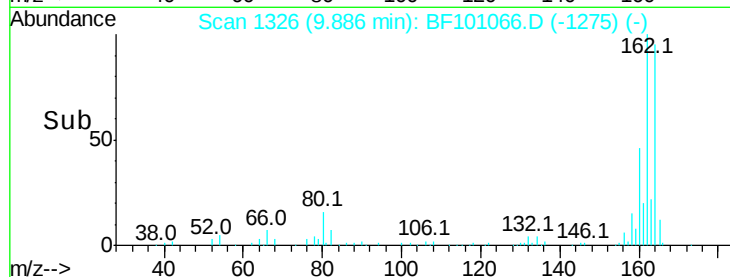
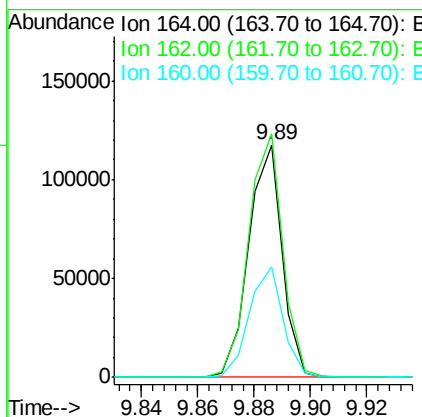
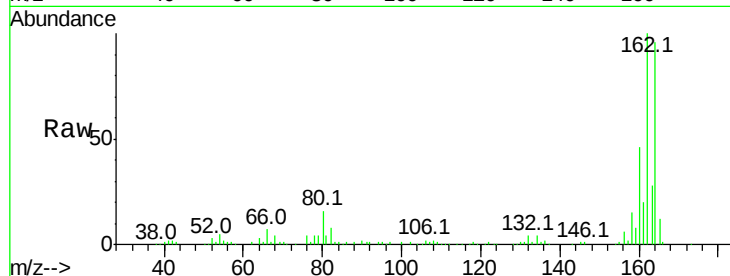
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF101066.D
 Acq: 1 Dec 2017 16:37

Instrument :
 BNA_F
 ClientSampleId :
 ENV-106-6(0-5)

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.7	86.1	129.1
160	47.7	38.3	57.5

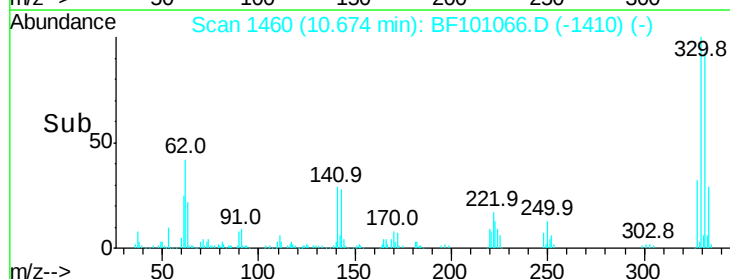
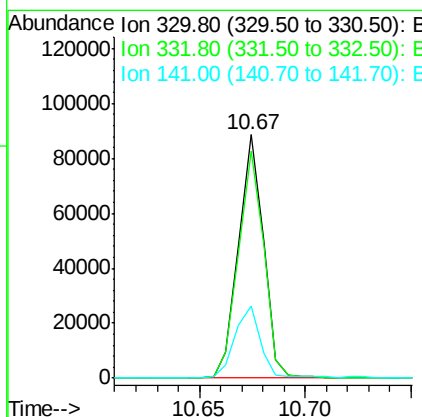
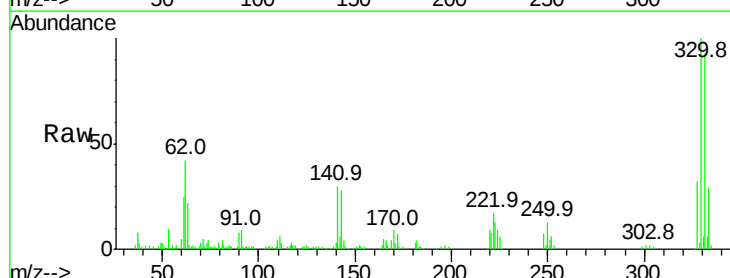
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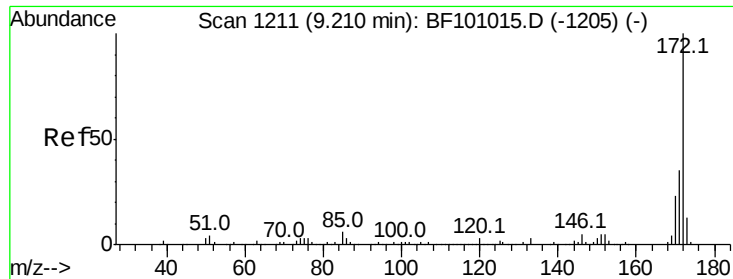
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#41
 2,4,6-Tribromophenol
 Concen: 62.948 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF101066.D
 Acq: 1 Dec 2017 16:37

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	31.1	29.9	44.9





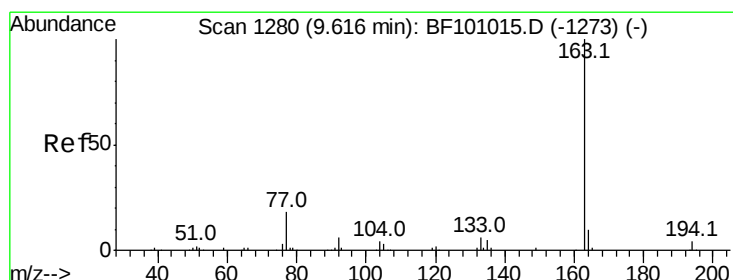
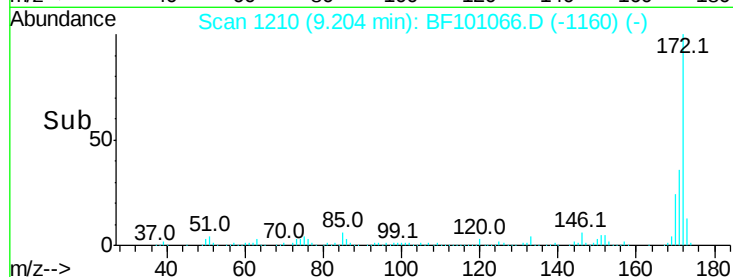
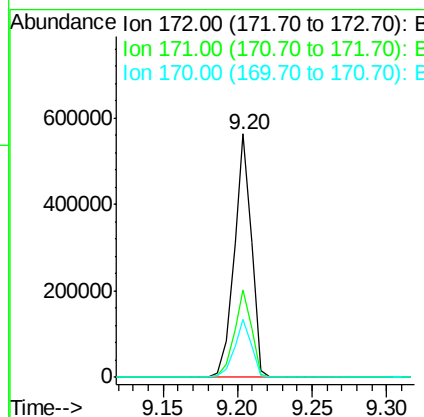
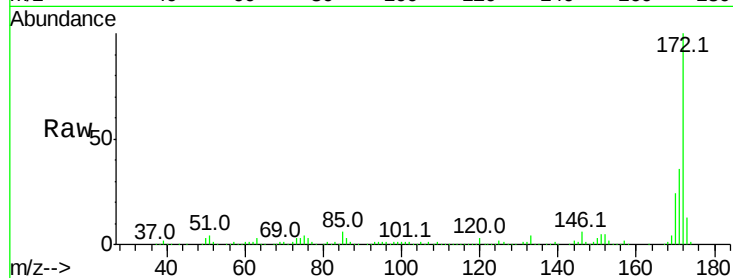
#44
2-Fluorobiphenyl
Concen: 65.626 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101066.D
Acq: 1 Dec 2017 16:37

Instrument :
BNA_F
ClientSampleId :
ENV-106-6(0-5)

Tot Ion	Ratio	Resp	Lower	Upper
172	100	460448		
171	35.8		29.7	44.5
170	24.0		19.6	29.4

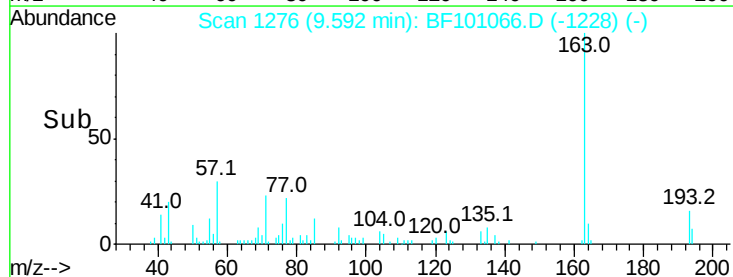
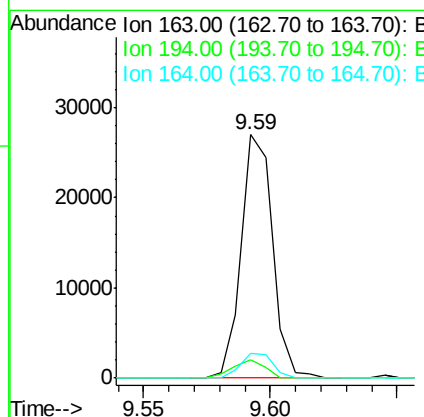
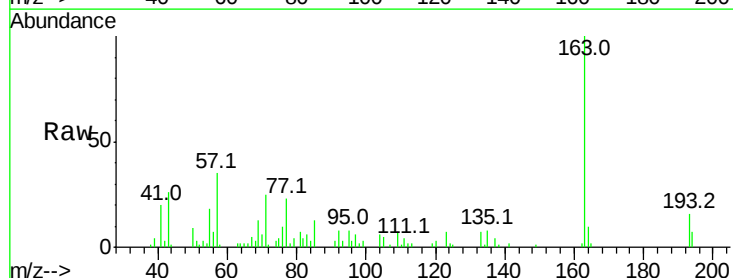
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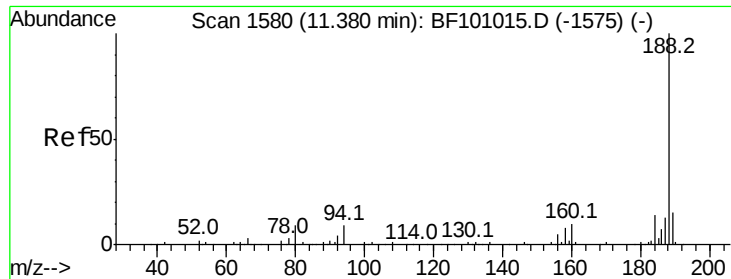
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#49
Dimethylphthalate
Concen: 3.000 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF101066.D
Acq: 1 Dec 2017 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	23228		
194	7.3		2.7	4.1#
164	9.9		8.2	12.2





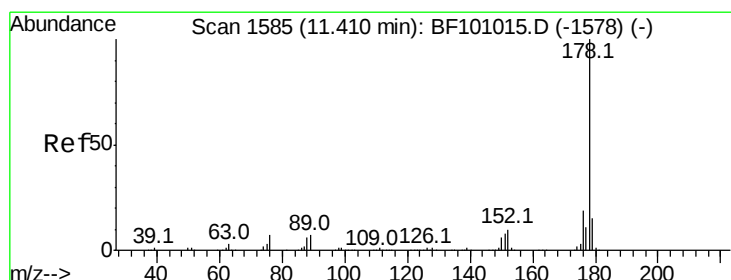
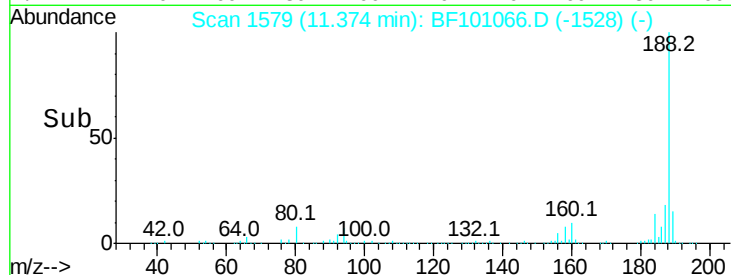
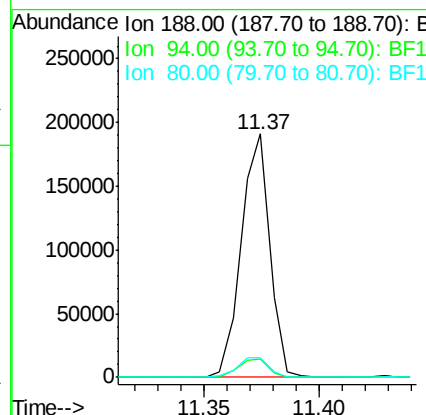
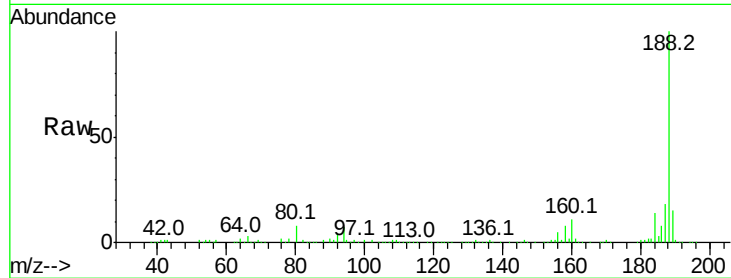
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101066.D
Acq: 1 Dec 2017 16:37

Instrument :
BNA_F
ClientSampleId :
ENV-106-6(0-5)

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.5	8.5	12.7#
80	8.0	9.2	13.8#

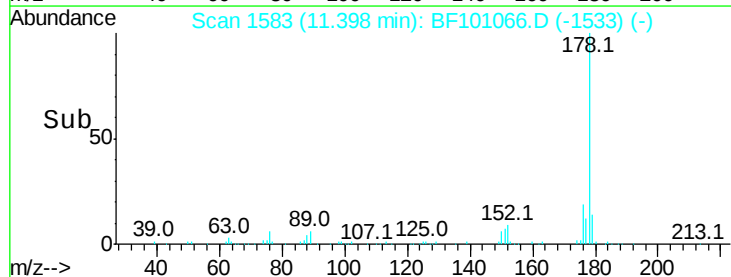
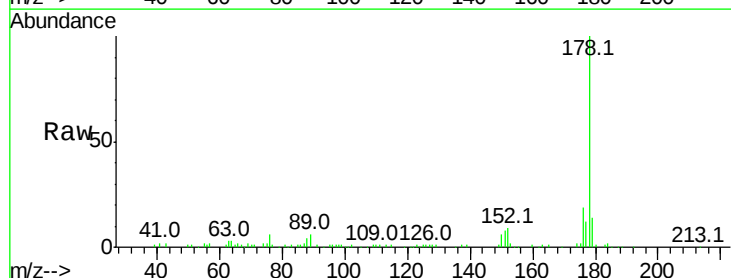
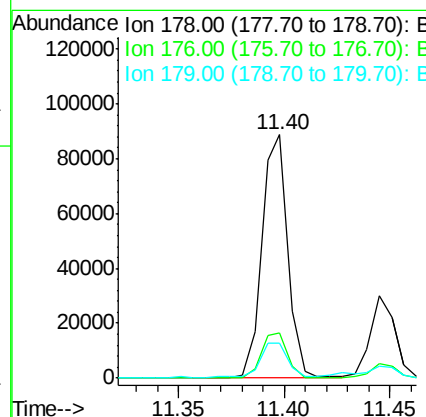
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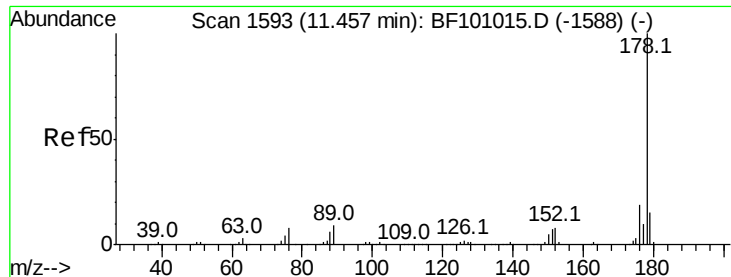
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#70
Phenanthrene
Concen: 8.381 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF101066.D
Acq: 1 Dec 2017 16:37

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.7	15.8	23.8
179	14.2	13.0	19.6





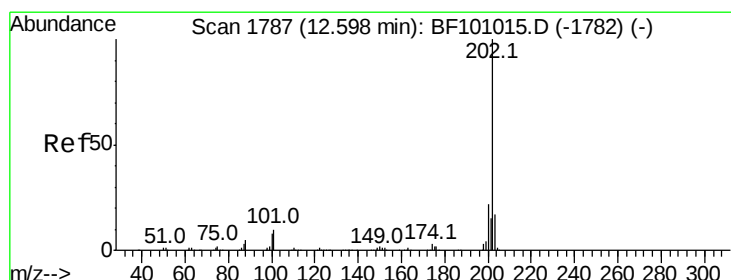
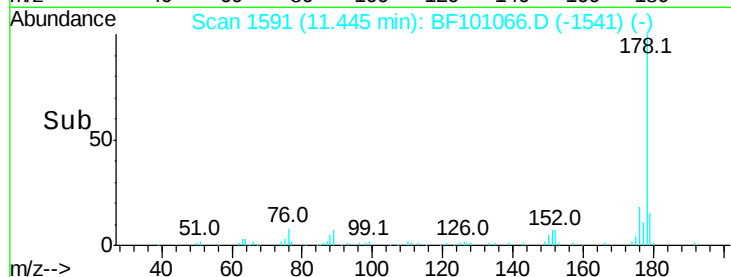
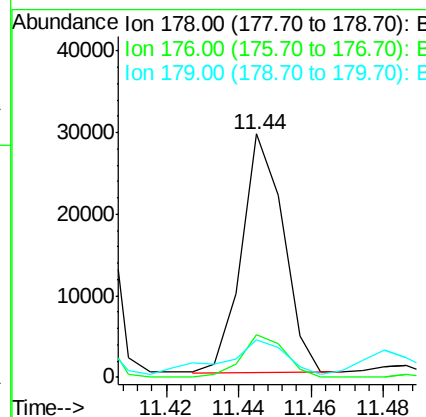
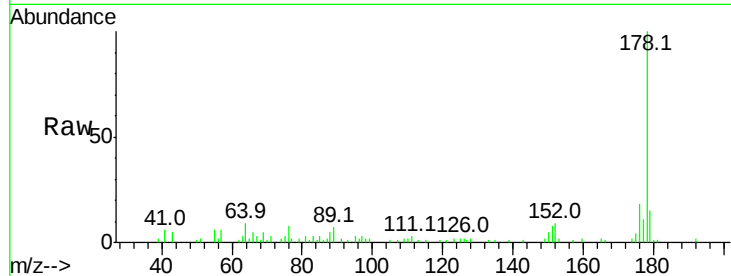
#71
 Anthracene
 Concen: 2.558 ng
 RT: 11.44 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: BF101066.D
 Acq: 1 Dec 2017 16:37

Instrument :
 BNA_F
 ClientSampleId :
 ENV-106-6(0-5)

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.4	23.2
179	15.3	12.6	19.0

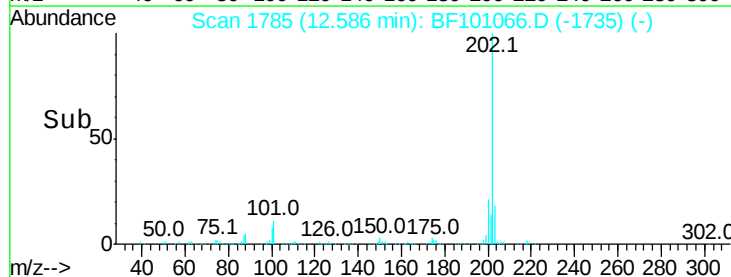
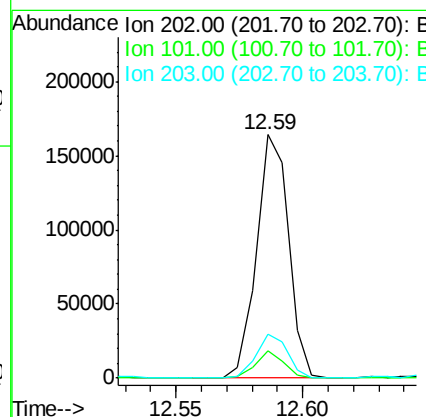
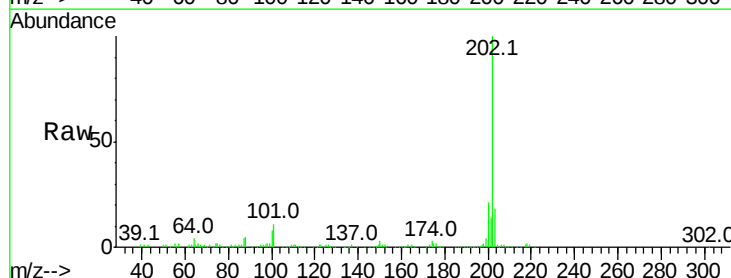
Manual Integrations
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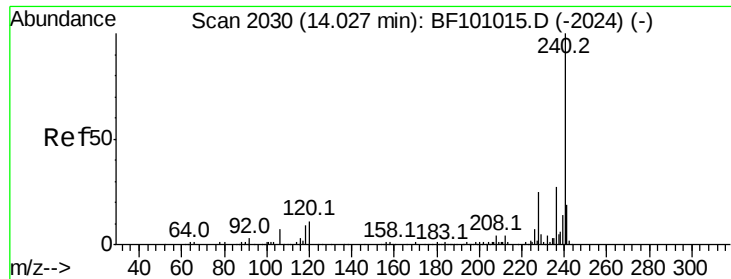
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#74
 Fluoranthene
 Concen: 14.440 ng
 RT: 12.59 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BF101066.D
 Acq: 1 Dec 2017 16:37

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	34.1
203	17.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF101066.D

Acq: 1 Dec 2017 16:37

Instrument :

BNA_F

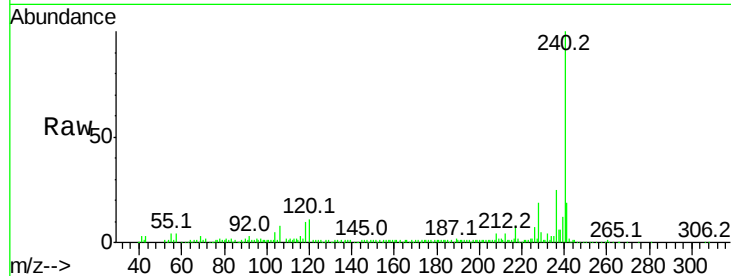
ClientSampleId :

ENV-106-6(0-5)

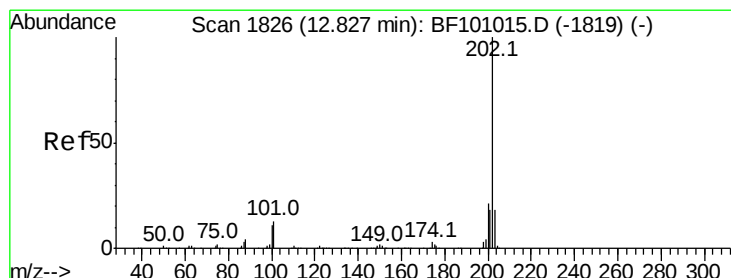
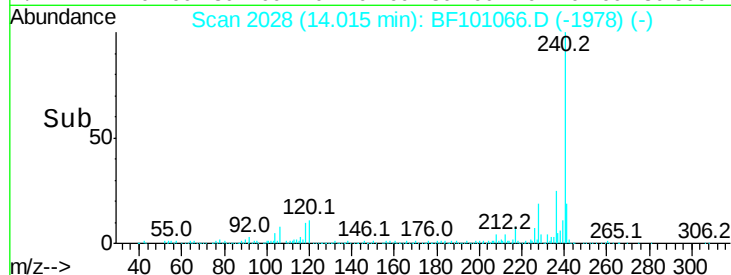
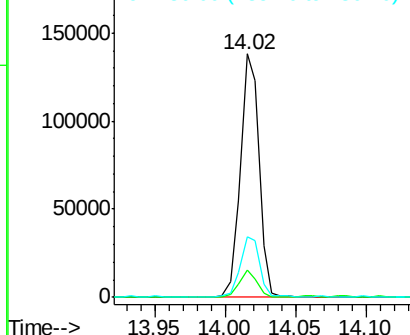
Tot Ion:	240	Resp:	128045
Ion Ratio	Lower	Upper	
240	100		
120	11.3	9.5	14.3
236	25.0	20.7	31.1

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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: 15.175 ng

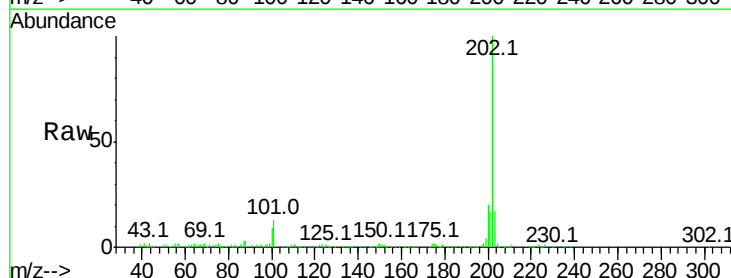
RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

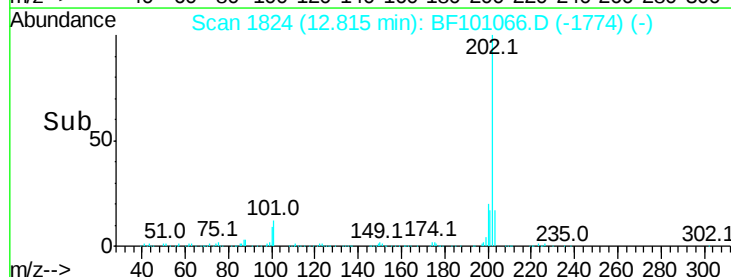
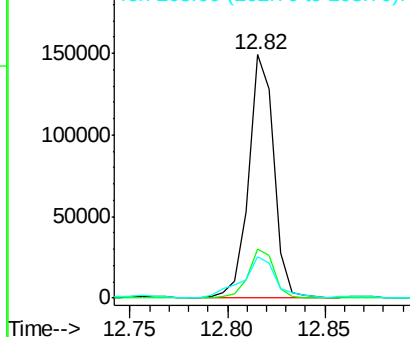
Lab File: BF101066.D

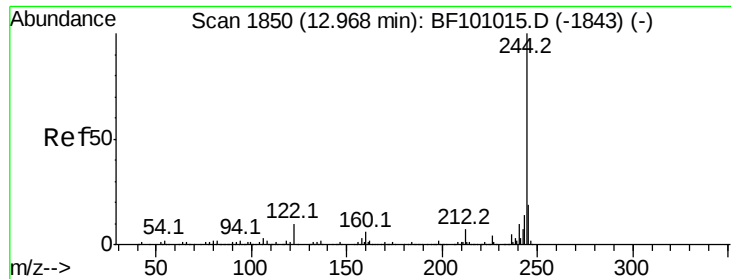
Acq: 1 Dec 2017 16:37

Tgt Ion:	202	Resp:	134079
Ion Ratio	Lower	Upper	
202	100		
200	20.4	17.4	26.2
203	17.1	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





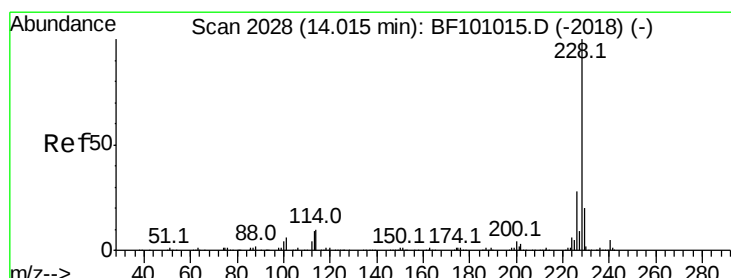
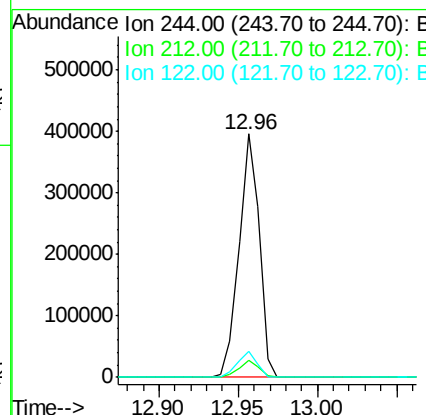
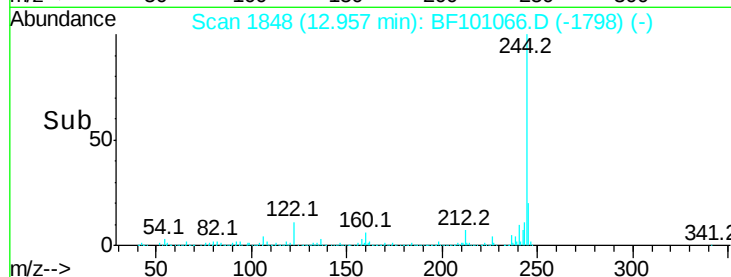
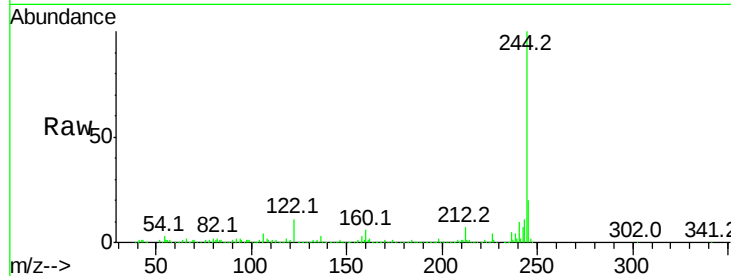
#78
 Terphenyl-d14
 Concen: 59.835 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF101066.D
 Acq: 1 Dec 2017 16:37

Instrument :
 BNA_F
 ClientSampleId :
 ENV-106-6(0-5)

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	10.9	11.0	16.4

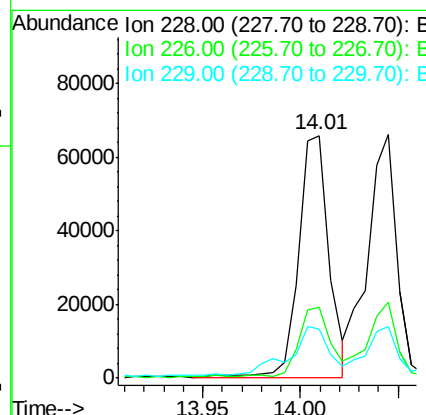
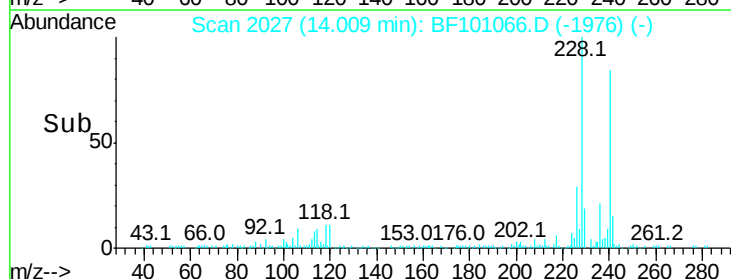
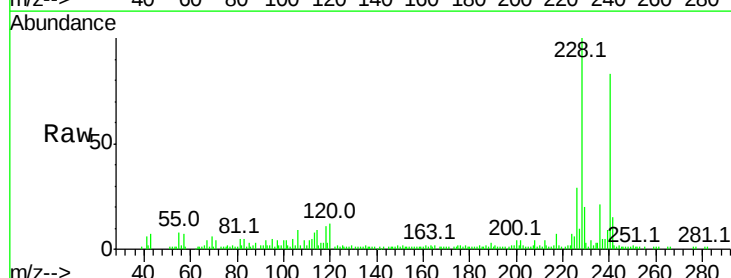
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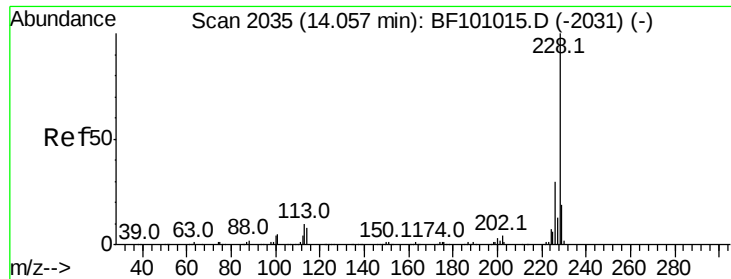
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#80
 Benzo(a)anthracene
 Concen: 8.830 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.00 min
 Lab File: BF101066.D
 Acq: 1 Dec 2017 16:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.6	33.8
229	20.3	15.8	23.6





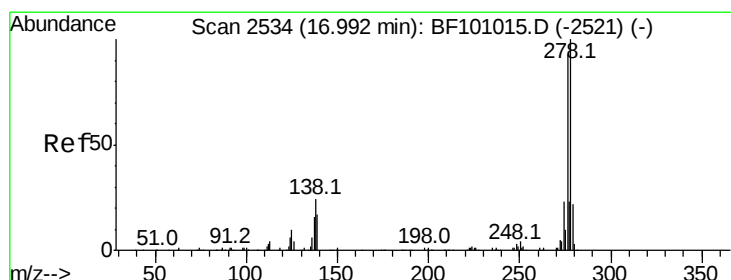
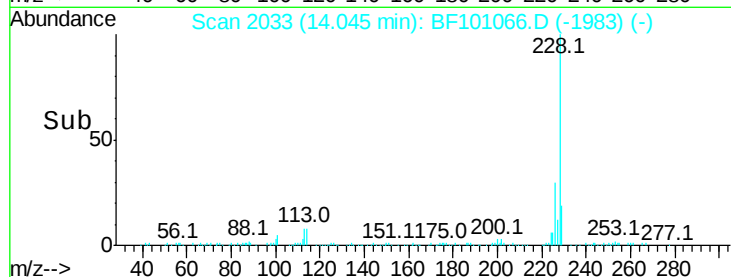
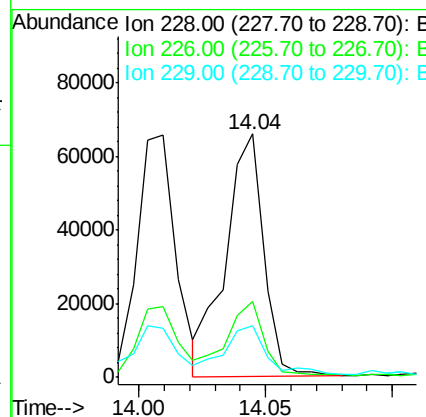
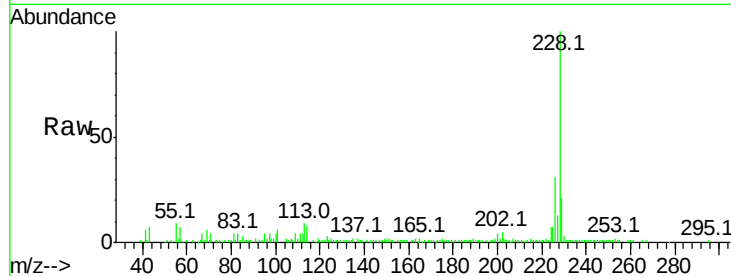
#82
Chrysene
Concen: 9.160 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF101066.D
Acq: 1 Dec 2017 16:37

Instrument :
BNA_F
ClientSampleId :
ENV-106-6(0-5)

Tot Ion:	228	Resp:	68778
Ion Ratio	Lower	Upper	
228	100		
226	31.3	25.0	37.6
229	21.0	16.2	24.4

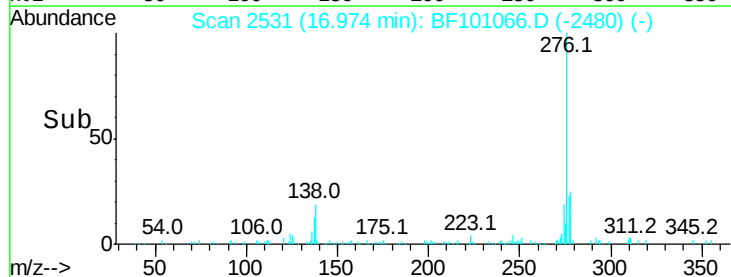
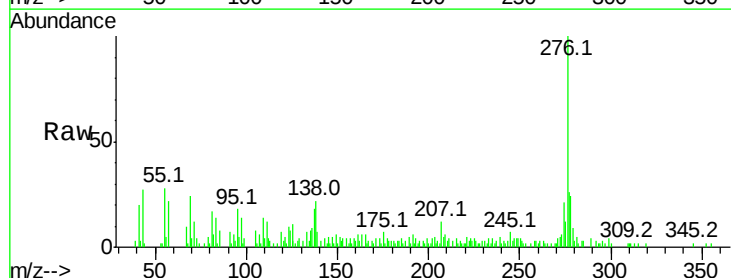
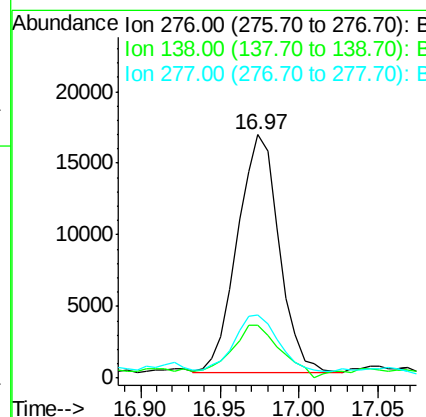
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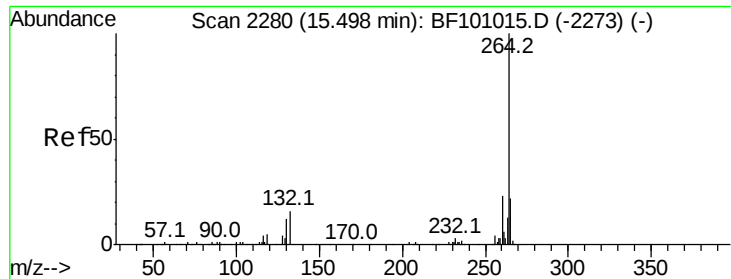
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#85
Indeno(1,2,3-cd)pyrene
Concen: 4.547 ng
RT: 16.97 min Scan# 2531
Delta R.T. 0.00 min
Lab File: BF101066.D
Acq: 1 Dec 2017 16:37

Tgt Ion:	276	Resp:	30353
Ion Ratio	Lower	Upper	
276	100		
138	26.8	25.0	37.6
277	24.6	20.1	30.1





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2280

Delta R.T. 0.01 min

Lab File: BF101066.D

Acq: 1 Dec 2017 16:37

Instrument :

BNA_F

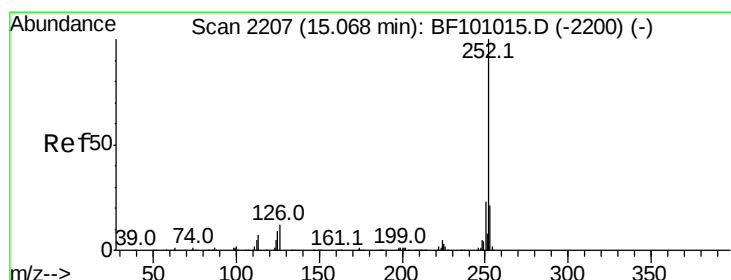
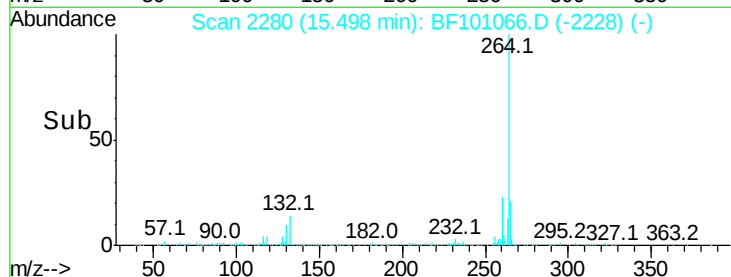
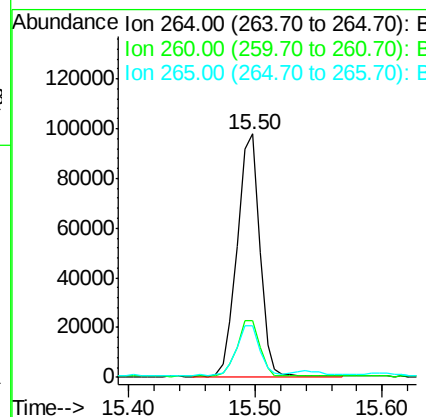
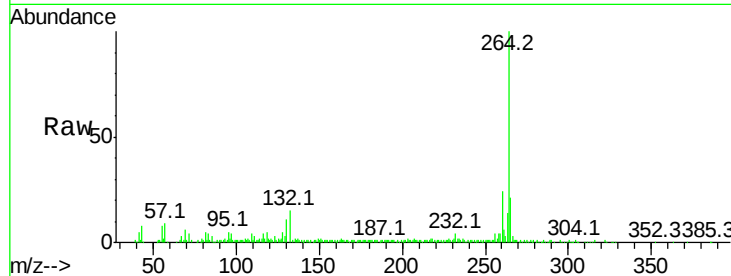
ClientSampleId :

ENV-106-6(0-5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.3	17.5	26.3

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#87

Benzo(b)fluoranthene

Concen: 12.033 ng m

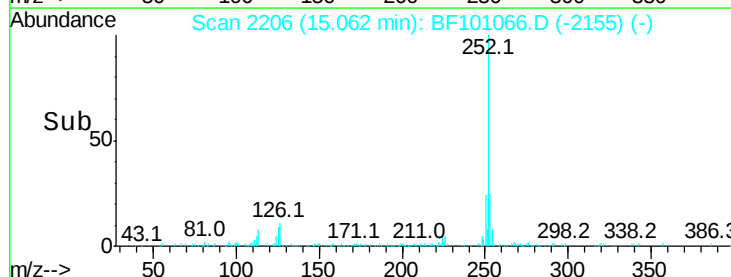
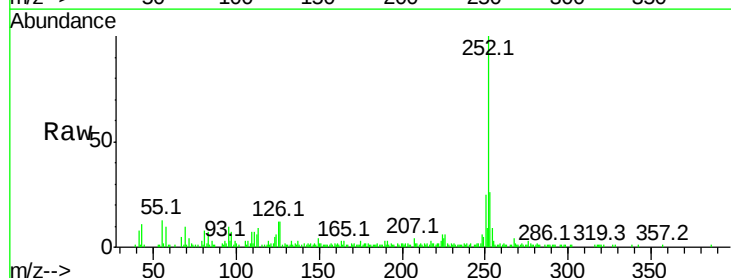
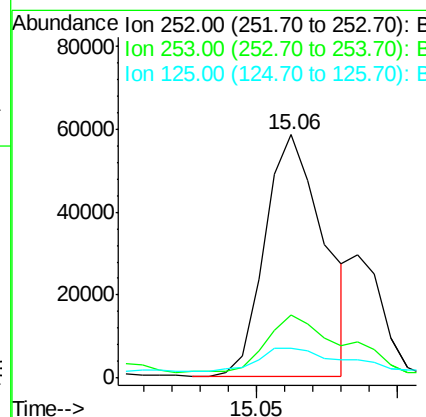
RT: 15.06 min Scan# 2206

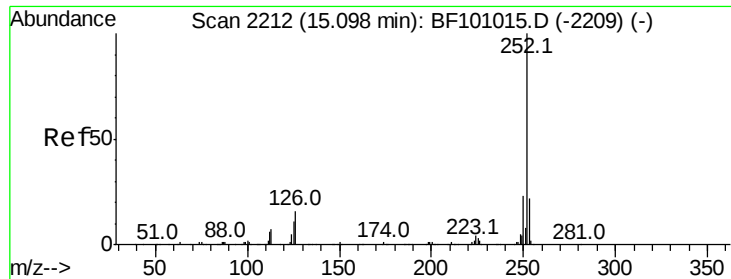
Delta R.T. 0.00 min

Lab File: BF101066.D

Acq: 1 Dec 2017 16:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.0	25.6#
125	12.1	9.0	13.6





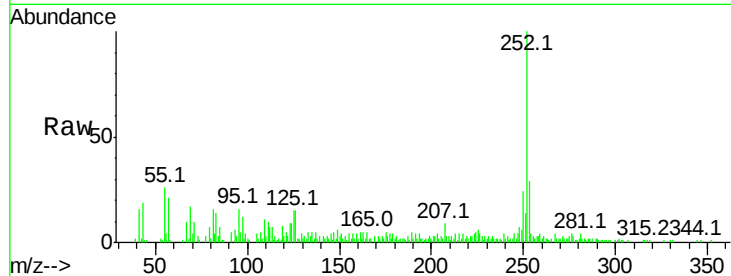
#88
Benzo(k)fluoranthene
Concen: 3.340 ng m
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF101066.D
Acq: 1 Dec 2017 16:37

Instrument :
BNA_F
ClientSampleId :
ENV-106-6(0-5)

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	29.4	17.9	26.9#	
125	15.4	10.2	15.2#	

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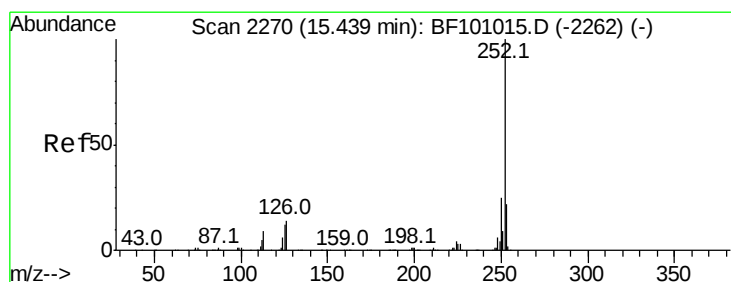
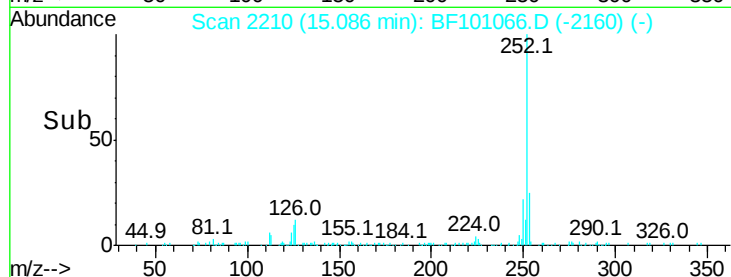
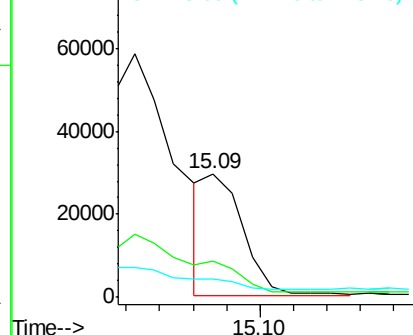


Abundance

Ion 252.00 (251.70 to 252.70): E

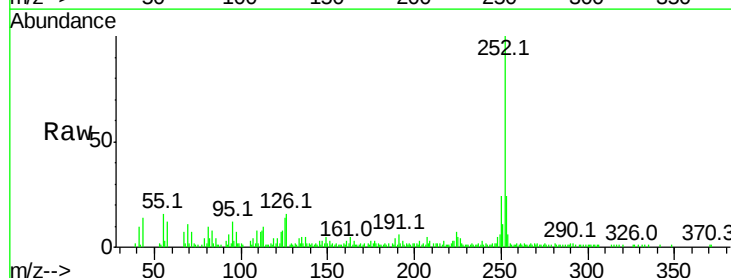
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89
Benzo(a)pyrene
Concen: 8.918 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF101066.D
Acq: 1 Dec 2017 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	23.7	17.1	25.7	
125	14.0	9.8	14.6	

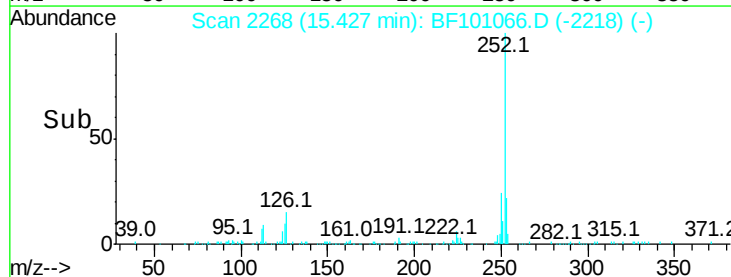
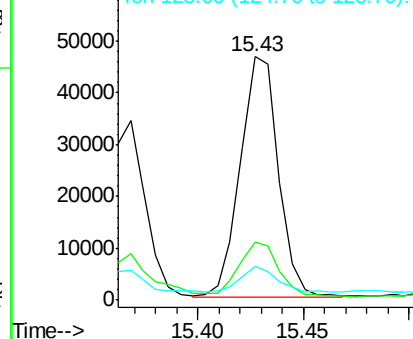


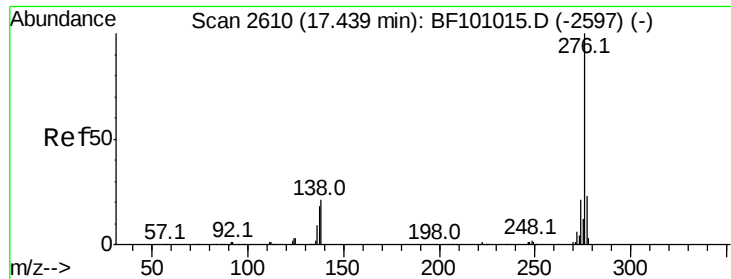
Abundance

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





#91
 Benzo(a,h,i)perylene
 Concen: 5.044 ng/ml
 RT: 17.43 min Scan# 2608
 Delta R.T. 0.00 min
 Lab File: BF101066.D
 Acq: 1 Dec 2017 16:37

Instrument :
 BNA_F
 ClientSampleId :
 ENV-106-6(0-5)

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.4	17.9	26.9
138	20.4	21.8	32.8

Manual Integrations
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