

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
 Data File : BF101106.D
 Acq On : 4 Dec 2017 18:56
 Operator : SJ/JU
 Sample : I6697-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-04A

Manual Integrations
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Sohil
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Quant Time: Dec 05 01:39:21 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	59907	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	226197	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	100419	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	165527	20.00	ng	0.00
75) Chrysene-d12	14.02	240	130516	20.00	ng	0.00
86) Perylene-d12	15.50	264	114369	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	274229	75.64	ng	0.01
7) Phenol-d6	6.49	99	326506	74.18	ng	0.00
23) Nitrobenzene-d5	7.42	82	198208	52.27	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	72803	60.35	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	421086	57.37	ng	0.00
78) Terphenyl-d14	12.96	244	285835	47.90	ng	0.00
Target Compounds						
10) Phenol	6.49	94	11426	2.33	ng	Qvalue 83
49) Dimethylphthalate	9.60	163	45081	5.57	ng	# 98
70) Phenanthrene	11.40	178	19255	2.11	ng	97
77) Pyrene	12.82	202	18558	2.06	ng	99
82) Chrysene	14.04	228	47541	6.21	ng	# 85
87) Benzo(b)fluoranthene	15.06	252	15573m	2.27	ng	

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

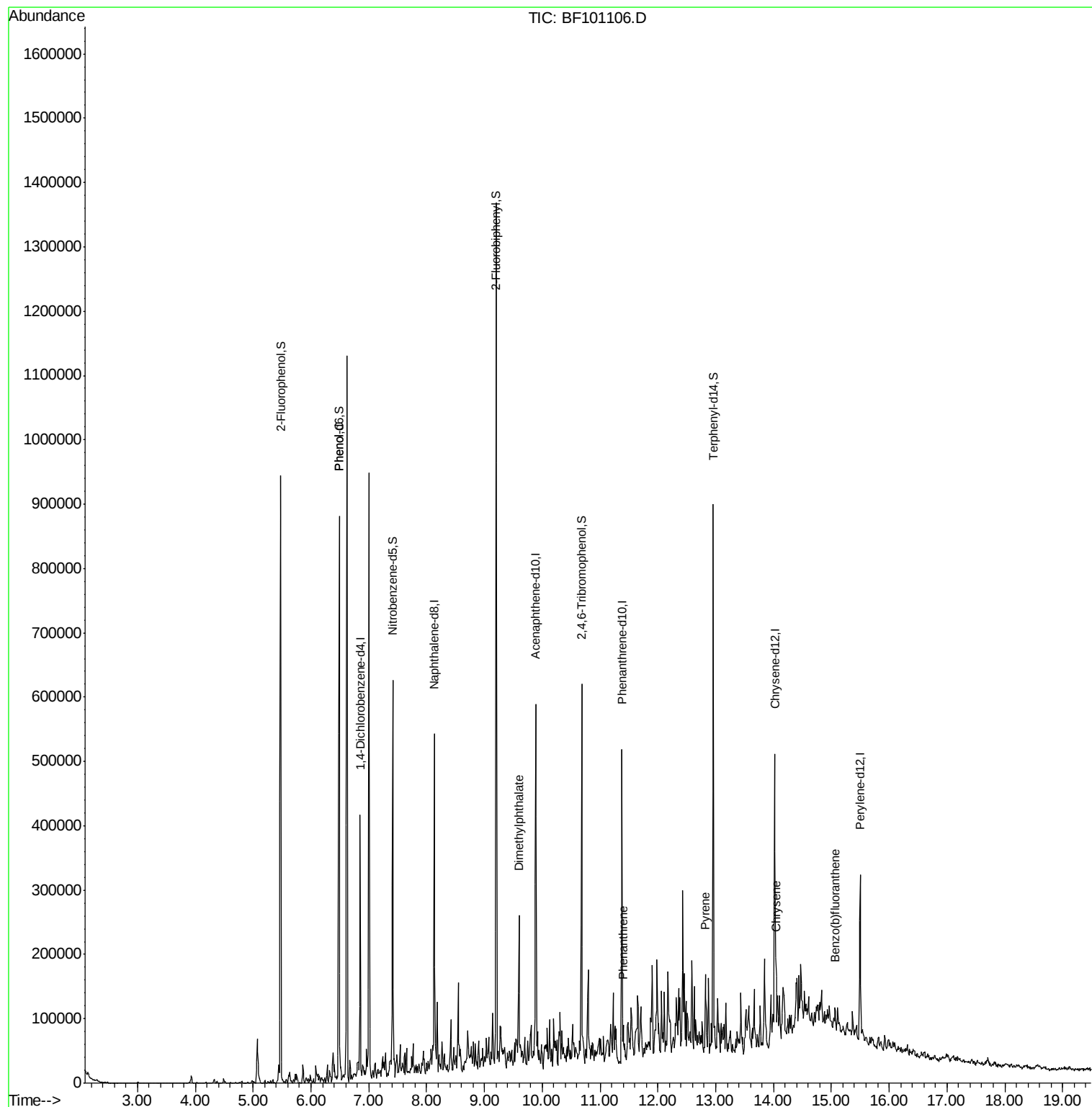
Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
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Sample : I6697-04
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ALS Vial : 22 Sample Multiplier: 1

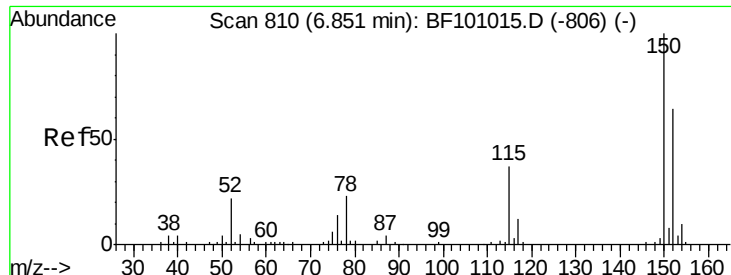
Instrument :
BNA_F
ClientSampleId :
TP-04A

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Quant Time: Dec 05 01:39:21 2017
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#1

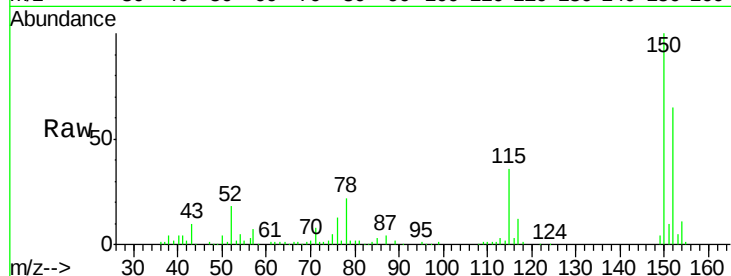
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.01 min
Lab File: BF101106.D
Acq: 4 Dec 2017 18:56

Instrument :
BNA_F
ClientSampled :
TP-04A

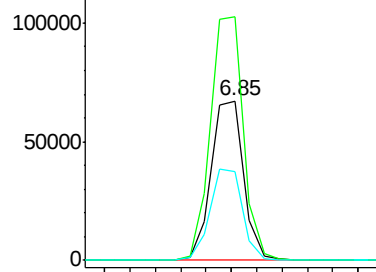
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	124.6	186.8
115	55.4	50.1	75.1

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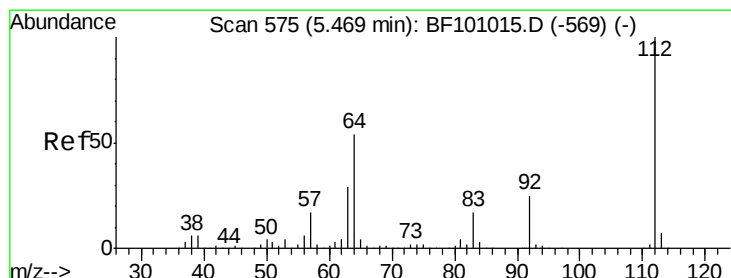
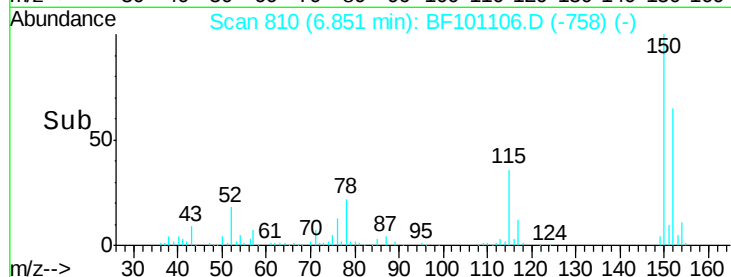
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



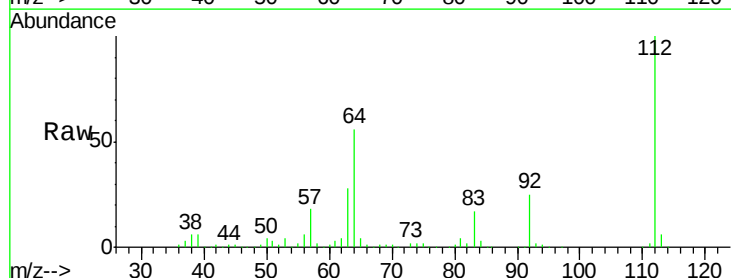
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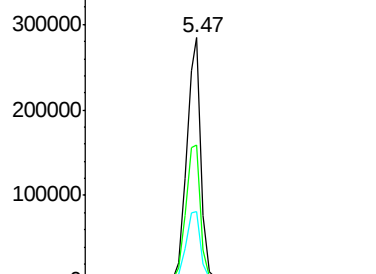
#5

2-Fluorophenol
Concen: 75.64 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF101106.D
Acq: 4 Dec 2017 18:56

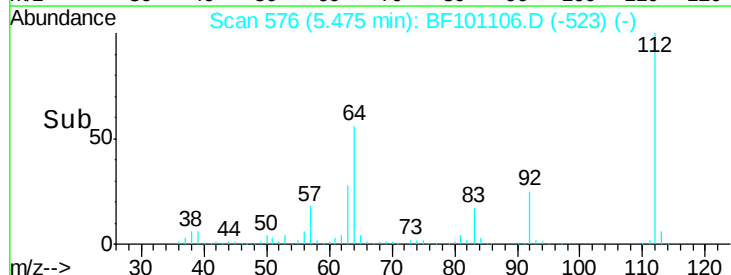
Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.9	47.9	71.9
63	28.4	23.7	35.5

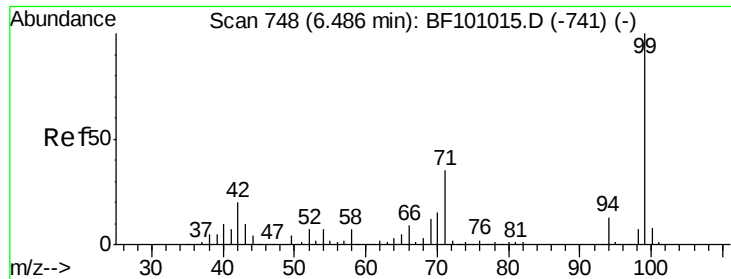


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



Time-->





#7

Phenol-d6

Concen: 74.18 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF101106.D

Acq: 4 Dec 2017 18:56

Instrument :

BNA_F

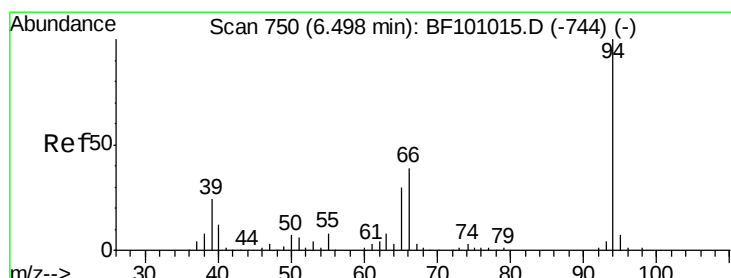
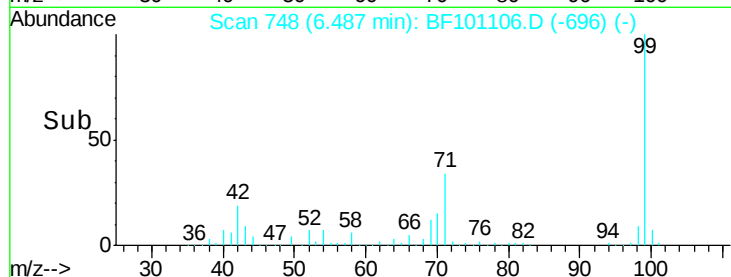
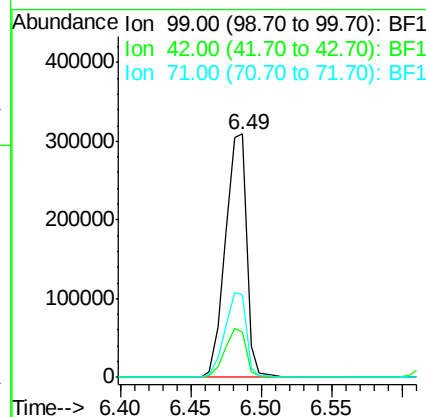
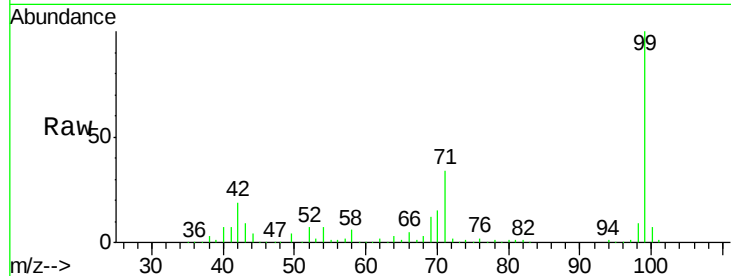
ClientSampled :

TP-04A

Tot Ion:	99	Resp:	326506
Ion Ratio	Lower	Upper	
99	100		
42	18.8	14.5	21.7
71	33.7	25.4	38.0

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#10

Phenol

Concen: 2.33 ng

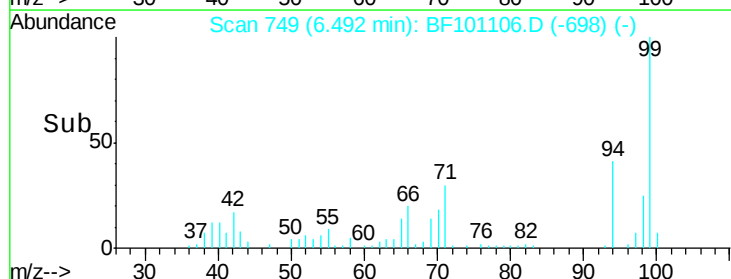
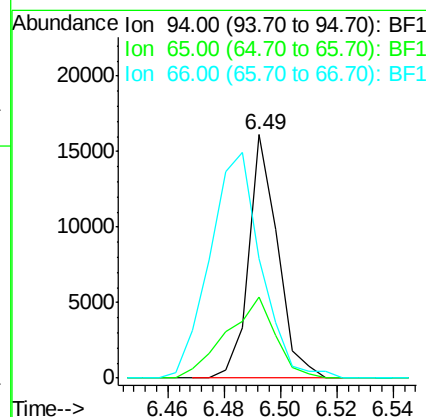
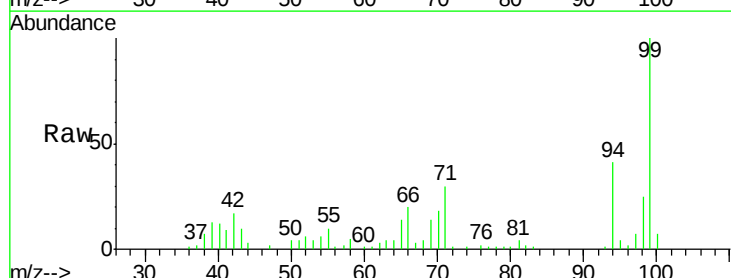
RT: 6.49 min Scan# 749

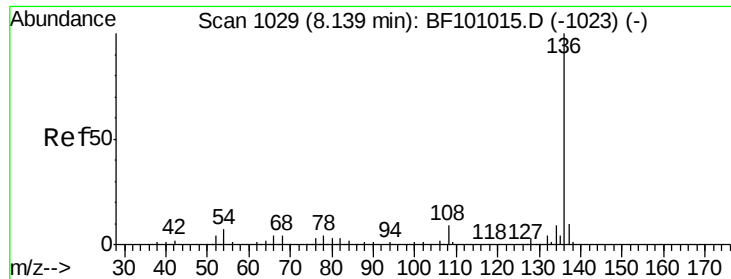
Delta R.T. 0.00 min

Lab File: BF101106.D

Acq: 4 Dec 2017 18:56

Tgt Ion:	94	Resp:	11426
Ion Ratio	Lower	Upper	
94	100		
65	33.3	7.9	47.9
66	49.2	16.2	56.2





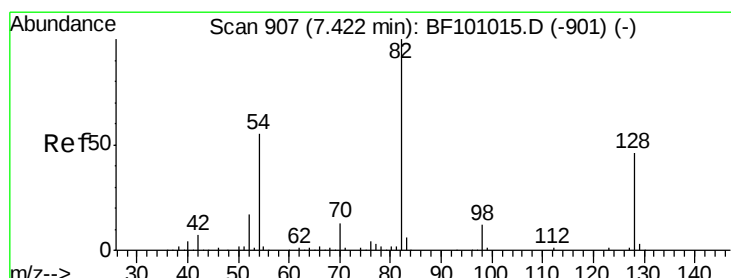
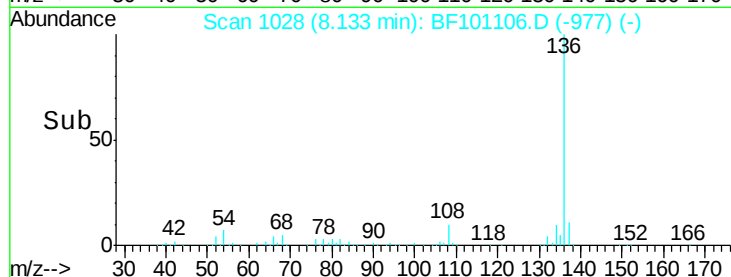
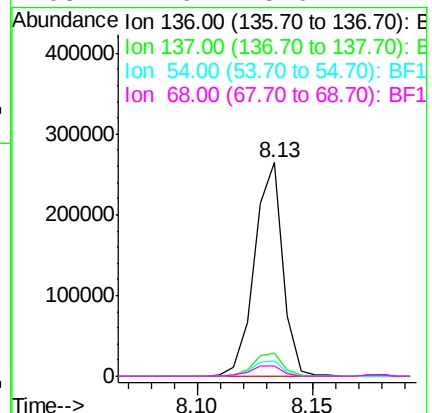
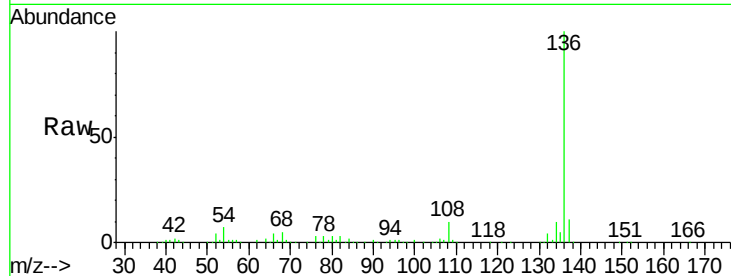
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF101106.D
Acq: 4 Dec 2017 18:56

Instrument :
BNA_F
ClientSampleId :
TP-04A

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.1	6.6	9.8
68	4.6	5.0	7.4#

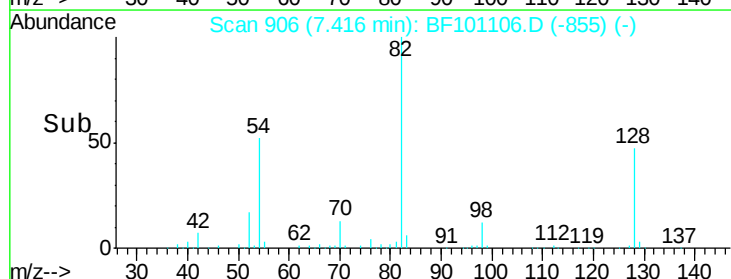
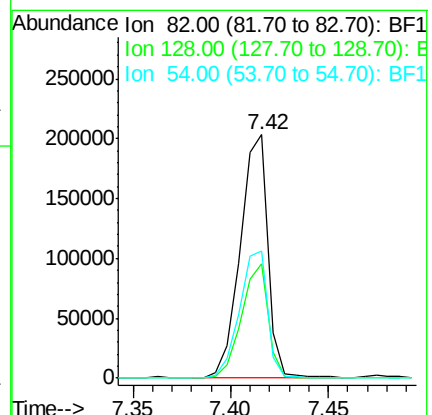
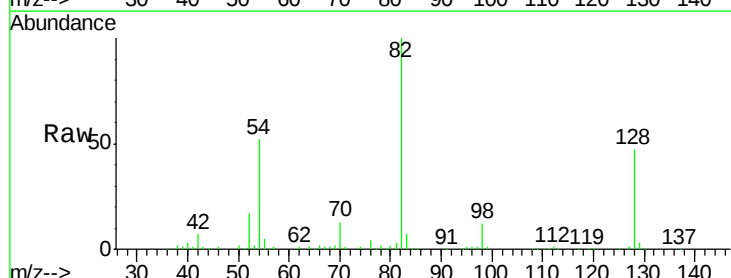
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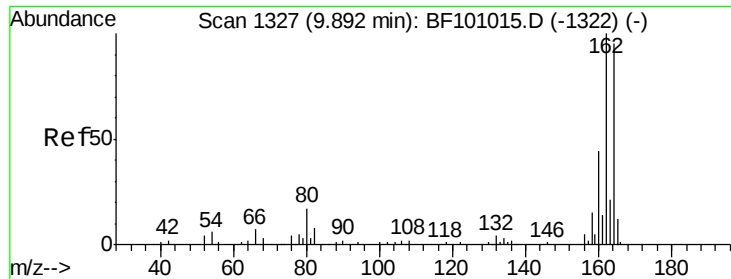
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#23
Nitrobenzene-d5
Concen: 52.27 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF101106.D
Acq: 4 Dec 2017 18:56

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	47.0	36.1	54.1
54	52.0	41.4	62.2





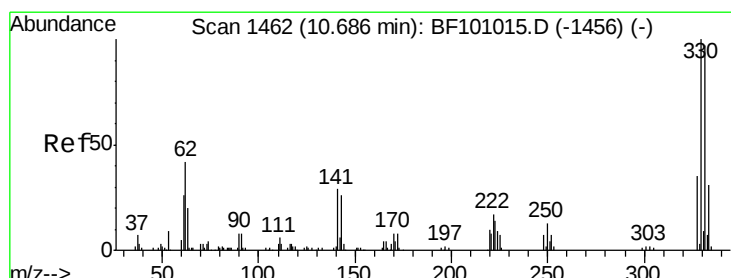
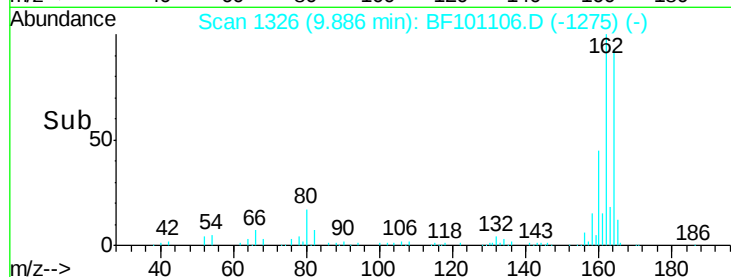
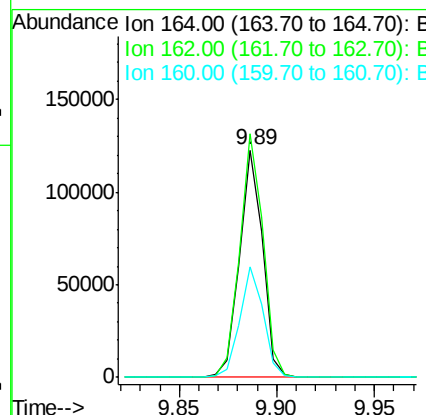
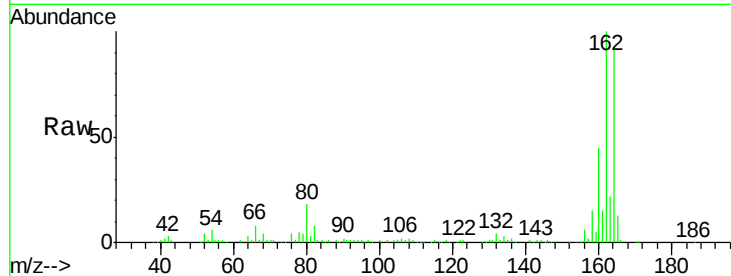
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF101106.D
 Acq: 4 Dec 2017 18:56

Instrument :
 BNA_F
 ClientSampleId :
 TP-04A

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	107.3	86.1	129.1	
160	48.8	38.3	57.5	

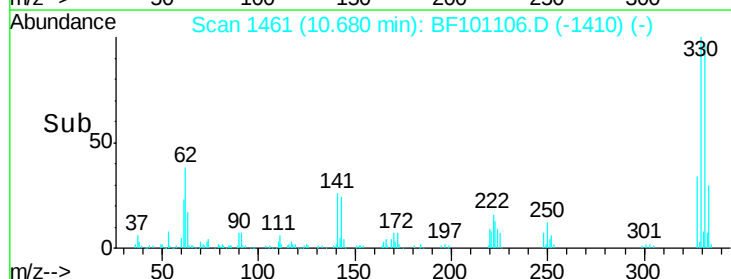
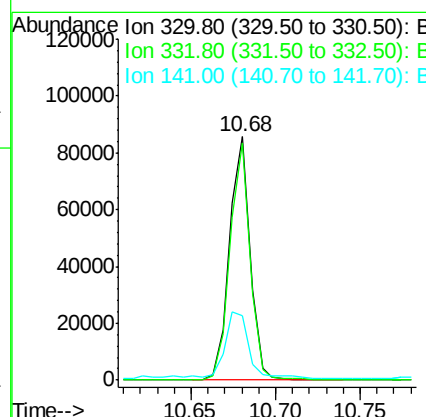
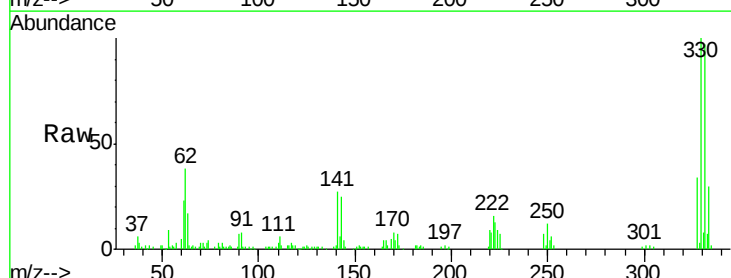
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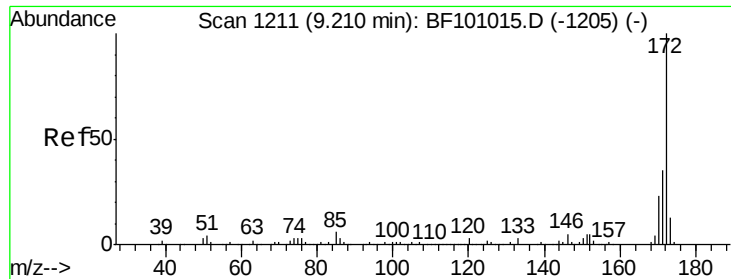
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#41
 2,4,6-Tribromophenol
 Concen: 60.35 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: BF101106.D
 Acq: 4 Dec 2017 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.9	77.0	115.6	
141	34.3	29.9	44.9	





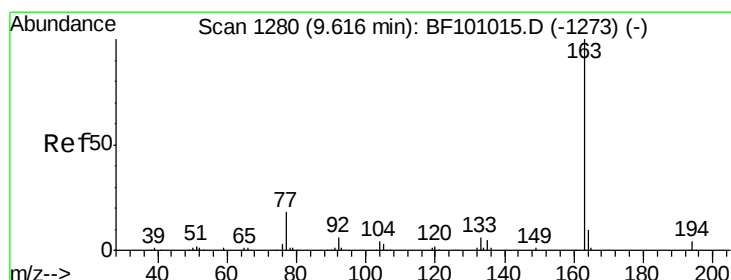
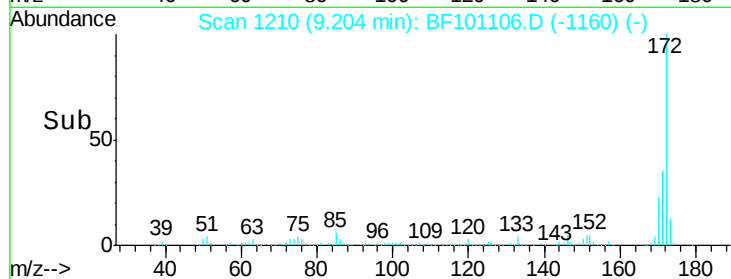
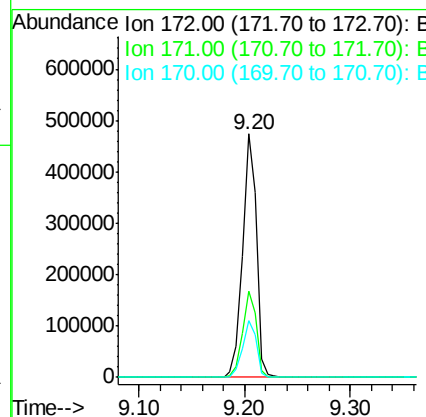
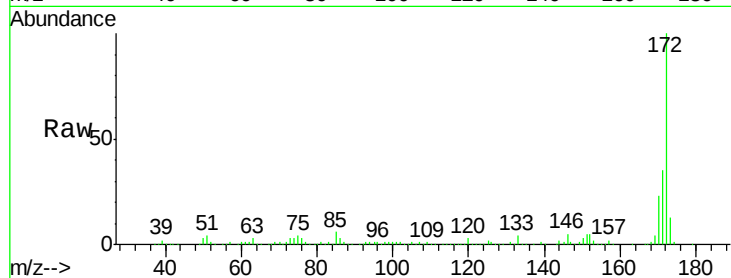
#44
2-Fluorobiphenyl
Concen: 57.37 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101106.D
Acq: 4 Dec 2017 18:56

Instrument :
BNA_F
ClientSampleId :
TP-04A

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	23.5	19.6	29.4

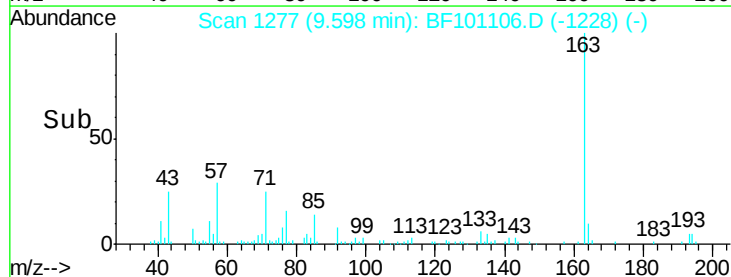
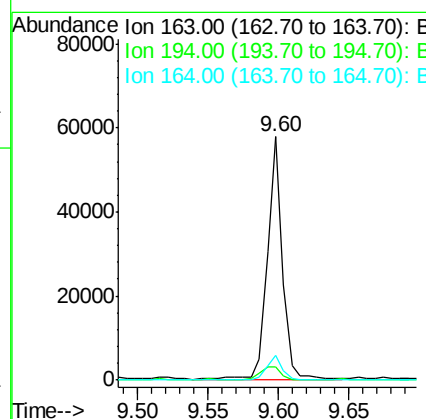
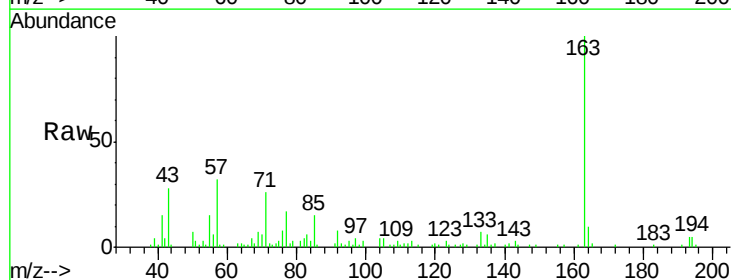
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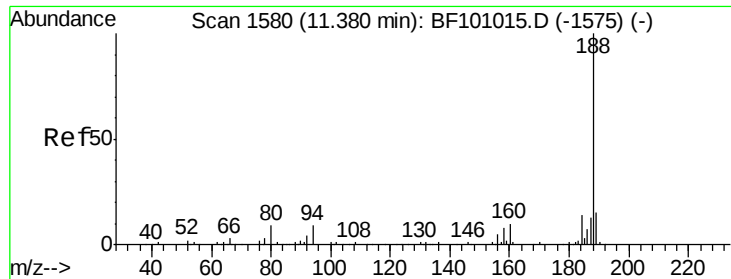
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#49
Dimethylphthalate
Concen: 5.57 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF101106.D
Acq: 4 Dec 2017 18:56

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.2	2.7	4.1#
164	9.9	8.2	12.2





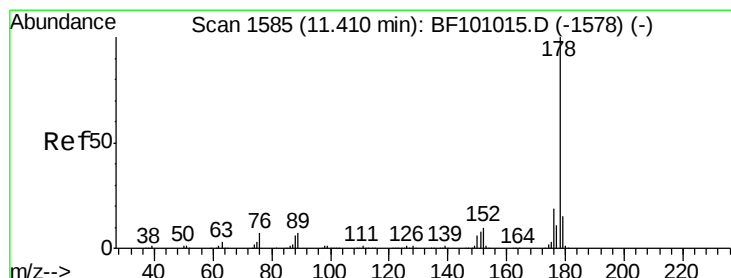
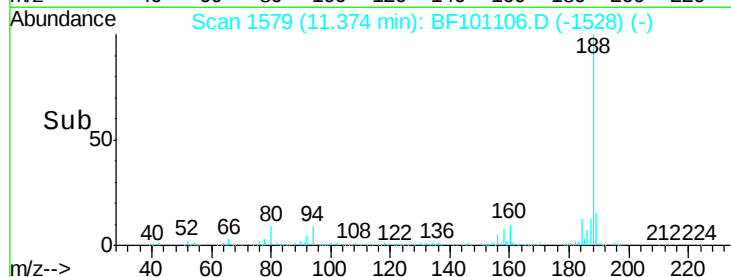
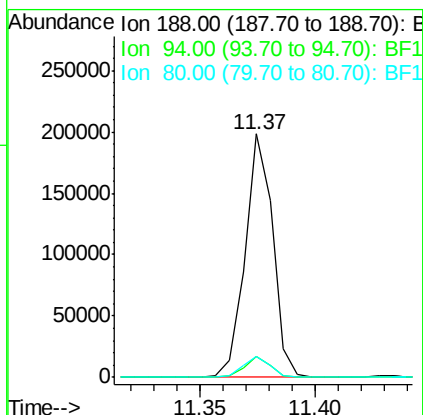
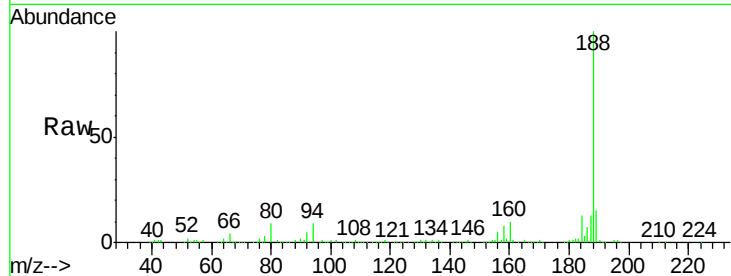
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101106.D
Acq: 4 Dec 2017 18:56

Instrument :
BNA_F
ClientSampled :
TP-04A

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.6	8.5	12.7
80	8.8	9.2	13.8

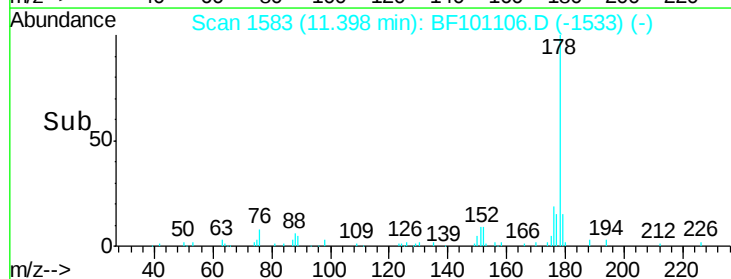
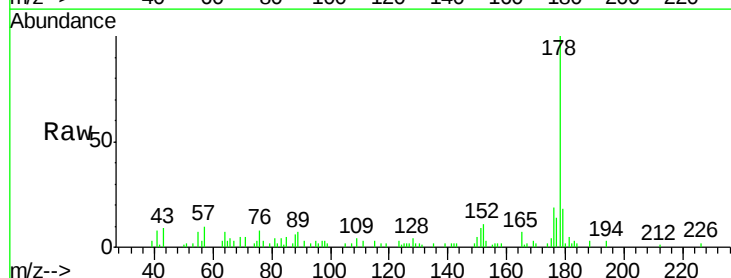
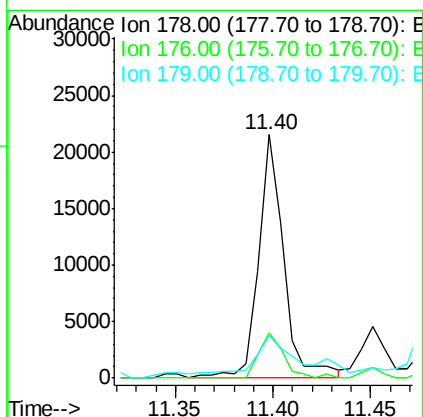
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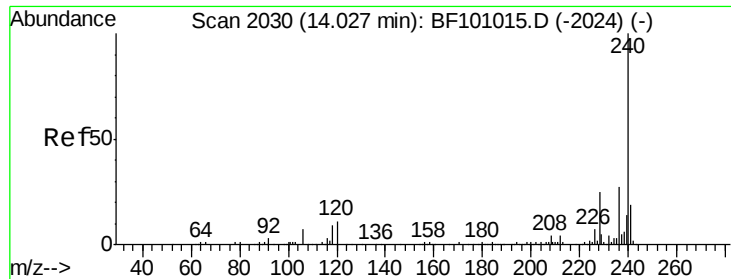
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#70
Phenanthrene
Concen: 2.11 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF101106.D
Acq: 4 Dec 2017 18:56

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.5	15.8	23.8
179	17.6	13.0	19.6





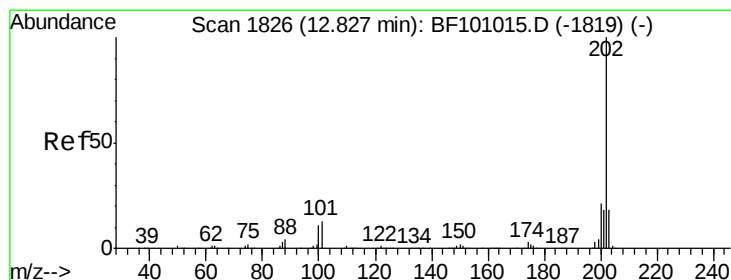
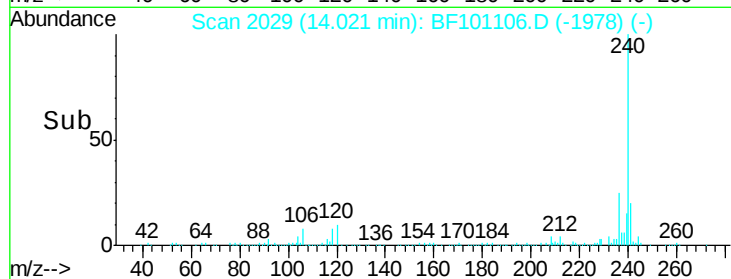
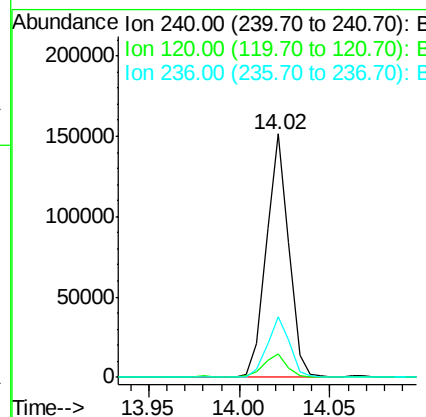
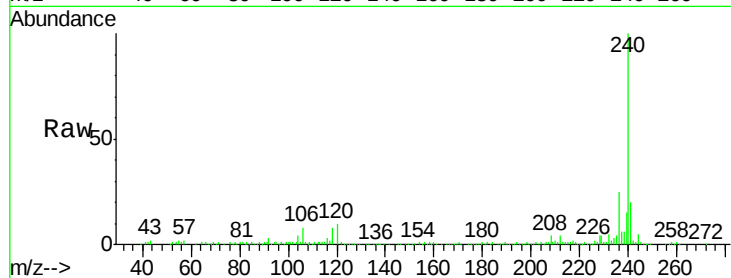
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF101106.D
Acq: 4 Dec 2017 18:56

Instrument :
BNA_F
ClientSampleId :
TP-04A

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.5	9.5	14.3
236	25.0	20.7	31.1

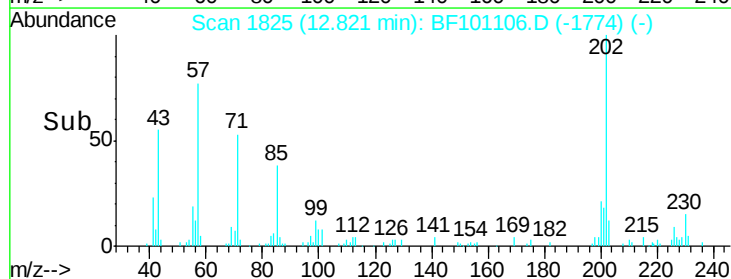
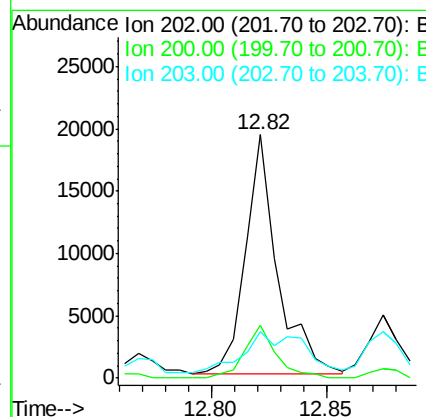
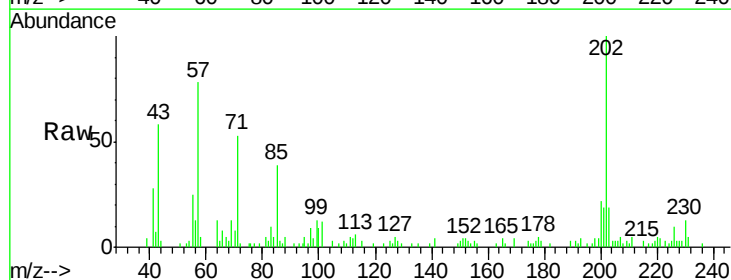
Manual Integrations
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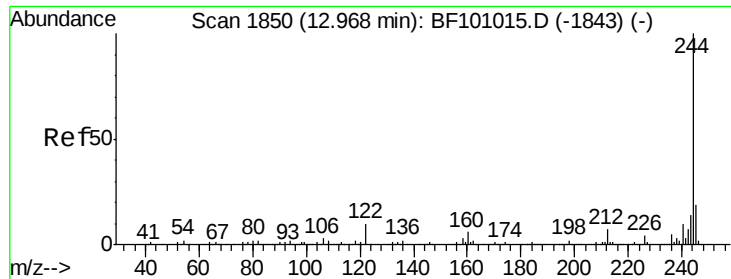
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#77
Pyrene
Concen: 2.06 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BF101106.D
Acq: 4 Dec 2017 18:56

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	19.0	14.3	21.5





#78

Terphenyl-d14

Concen: 47.90 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF101106.D

Acq: 4 Dec 2017 18:56

Instrument :

BNA_F

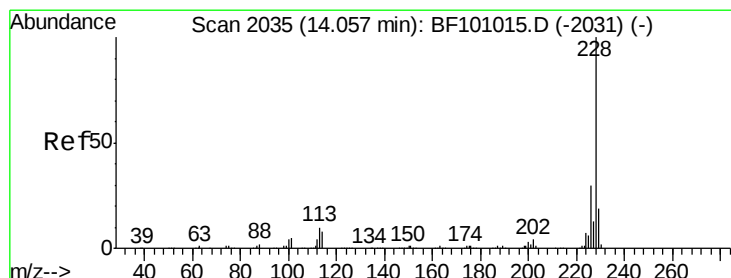
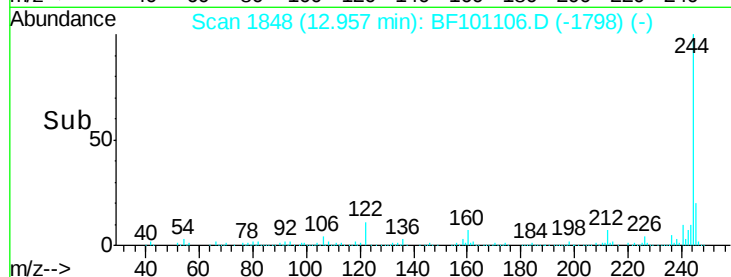
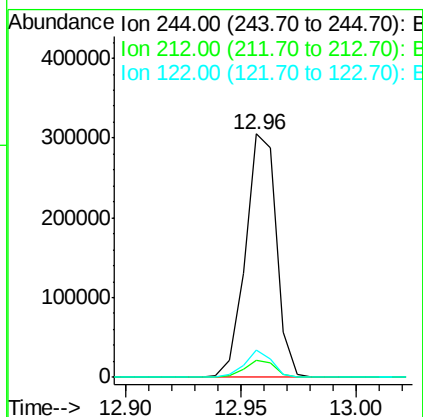
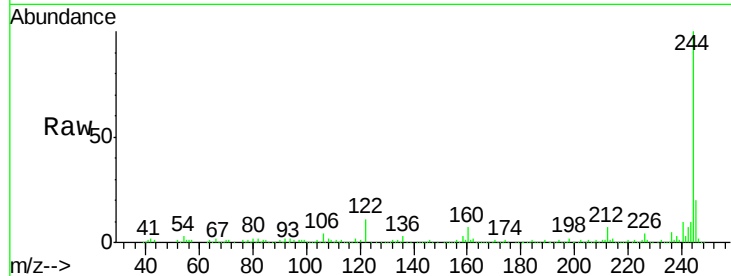
ClientSampleId :

TP-04A

Tot Ion:244	Resp:	285835
Ion Ratio	Lower	Upper
244 100		
212 6.9	5.4	8.0
122 11.5	11.0	16.4

Manual Integrations
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Sohil
12/5/2017 3:24:43 PM



#82

Chrysene

Concen: 6.21 ng

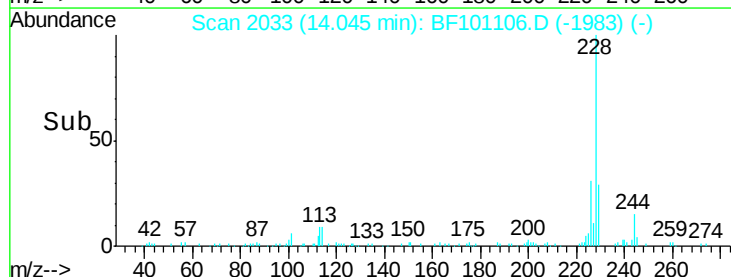
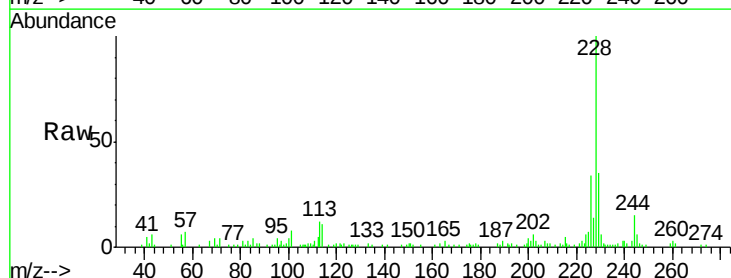
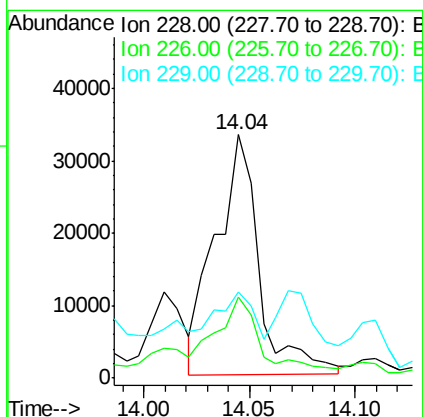
RT: 14.04 min Scan# 2033

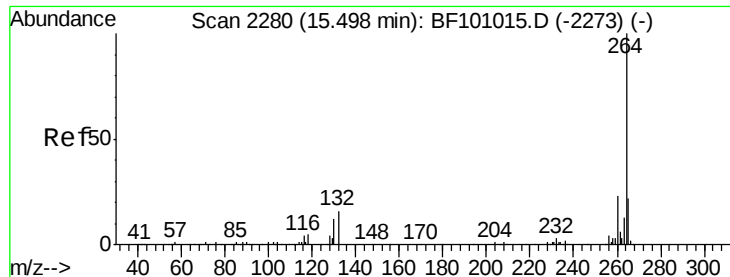
Delta R.T. -0.01 min

Lab File: BF101106.D

Acq: 4 Dec 2017 18:56

Tgt Ion:228	Resp:	47541
Ion Ratio	Lower	Upper
228 100		
226 33.5	25.0	37.6
229 35.2	16.2	24.4#





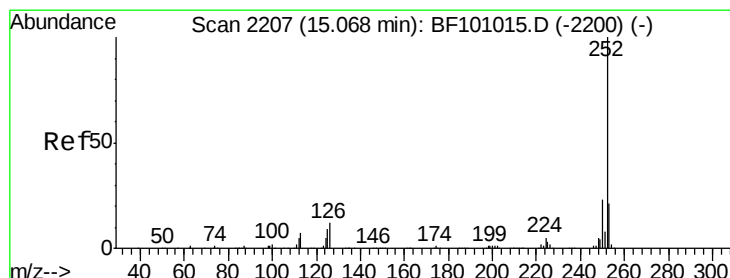
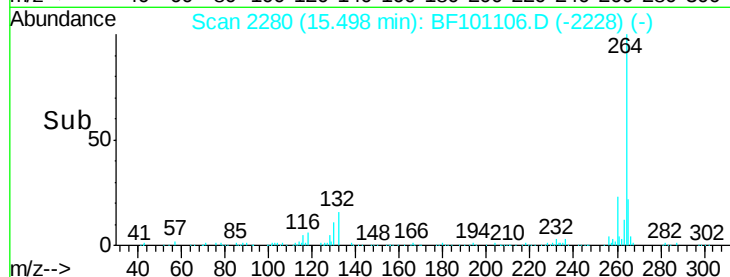
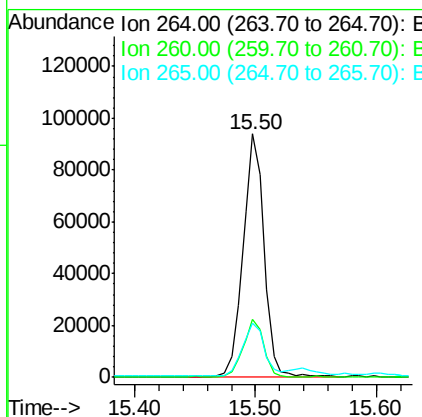
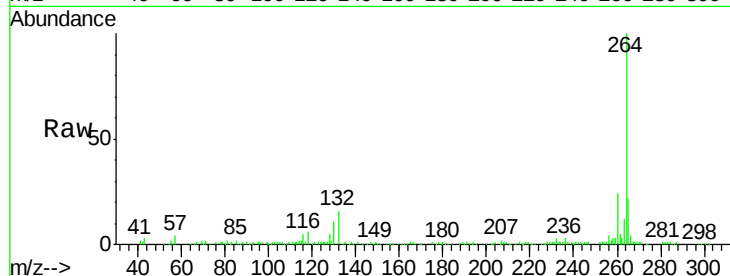
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF101106.D
Acq: 4 Dec 2017 18:56

Instrument :
BNA_F
ClientSampleId :
TP-04A

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.5	17.5	26.3

Manual Integrations
APPROVED

Sohil
12/5/2017 3:24:43 PM



#87
Benzo(b)fluoranthene
Concen: 2.27 ng m
RT: 15.06 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BF101106.D
Acq: 4 Dec 2017 18:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.0	25.6
125	10.7	9.0	13.6

