

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
 Data File : BF101668.D
 Acq On : 22 Dec 2017 21:56
 Operator : SJ/JU
 Sample : I6677-11 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-122117-B

Manual Integrations
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Quant Time: Dec 23 00:14:33 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 16:07:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	139764	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	535888	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	213690	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	351498	20.00	ng	0.00
75) Chrysene-d12	13.96	240	296001	20.00	ng	0.00
86) Perylene-d12	15.43	264	288443	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	80943	8.63	ng	0.02
7) Phenol-d6	6.45	99	109772	9.40	ng	0.01
23) Nitrobenzene-d5	7.37	82	66221	6.88	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	16109	7.82	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	122387	8.88	ng	0.00
78) Terphenyl-d14	12.89	244	92353	7.52	ng	-0.01
Target Compounds						
70) Phenanthrene	11.34	178	65678	3.360	ng	96
74) Fluoranthene	12.53	202	71185	3.469	ng	97
77) Pyrene	12.76	202	63765	2.870	ng	97
87) Benzo(b)fluoranthene	15.01	252	35401m	2.014	ng	

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

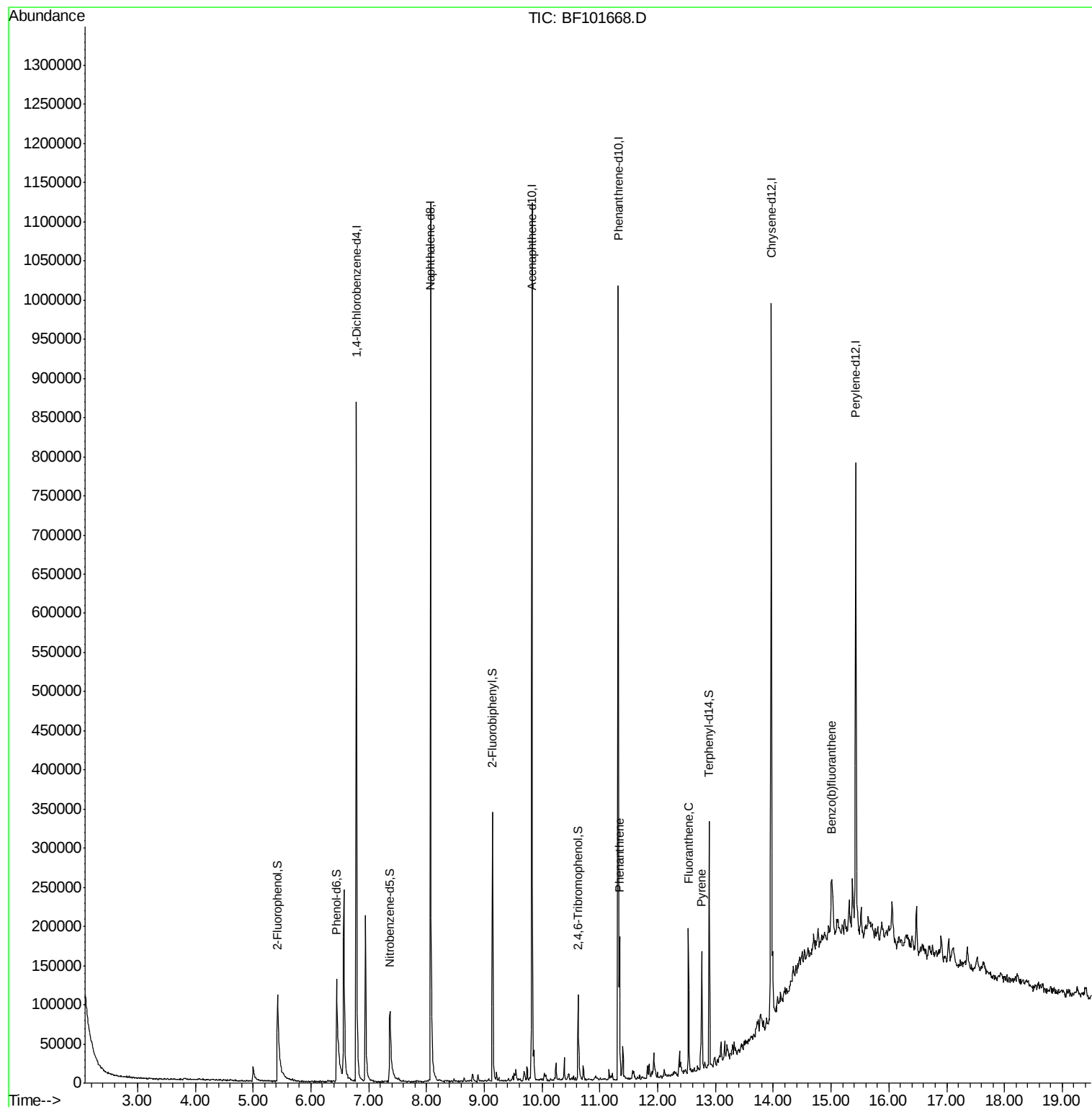
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
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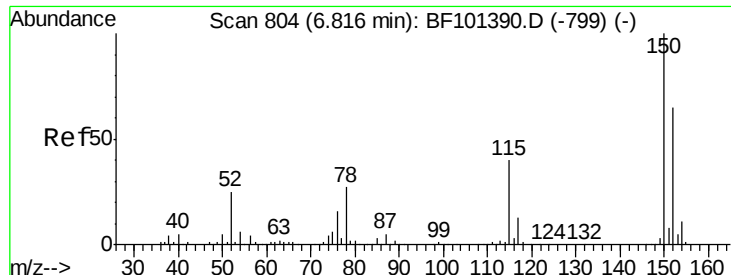
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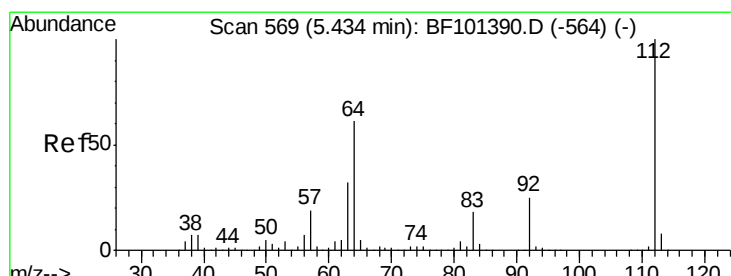
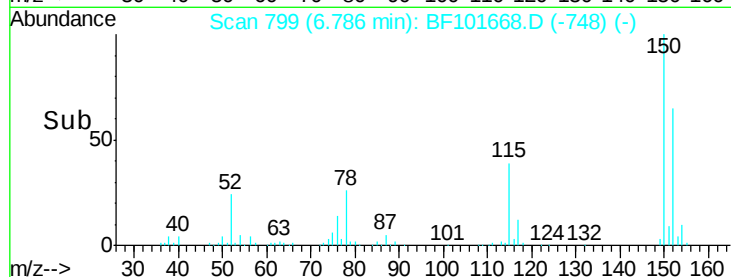
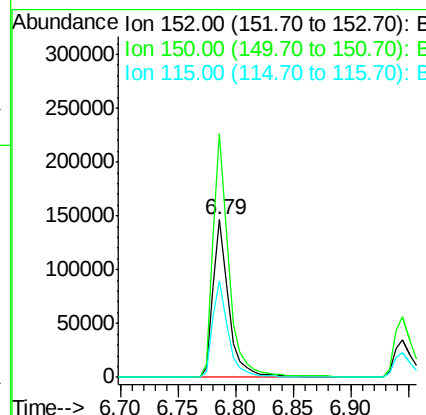
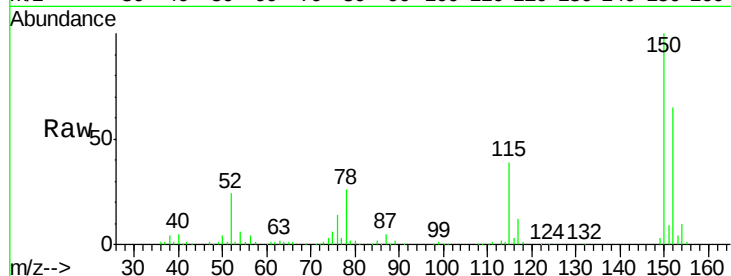
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF101668.D
 Acq: 22 Dec 2017 21:56

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-122117-B

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.6	186.8
115	60.9	50.1	75.1

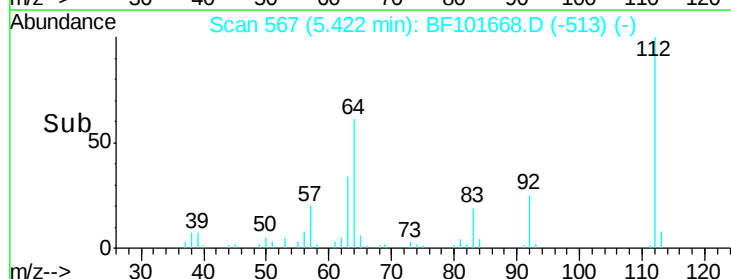
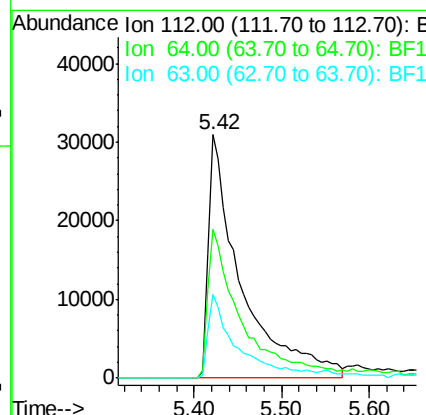
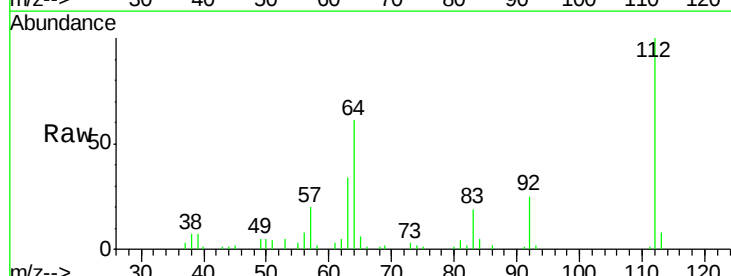
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#5
 2-Fluorophenol
 Concen: 8.627 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.02 min
 Lab File: BF101668.D
 Acq: 22 Dec 2017 21:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.1	47.9	71.9
63	34.5	23.7	35.5





#7

Phenol-d6

Concen: 9.401 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF101668.D

Acq: 22 Dec 2017 21:56

Instrument :

BNA_F

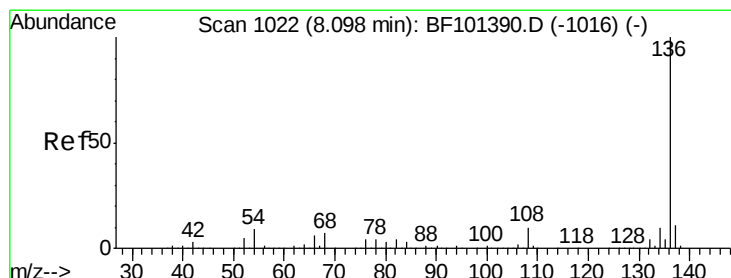
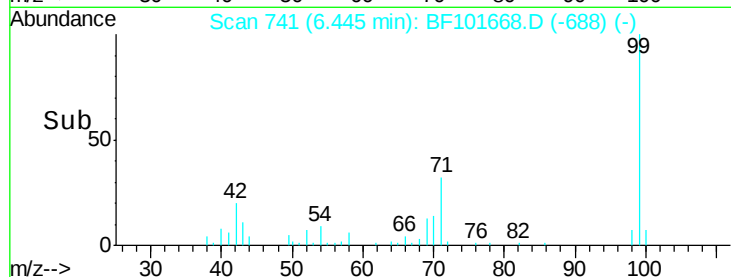
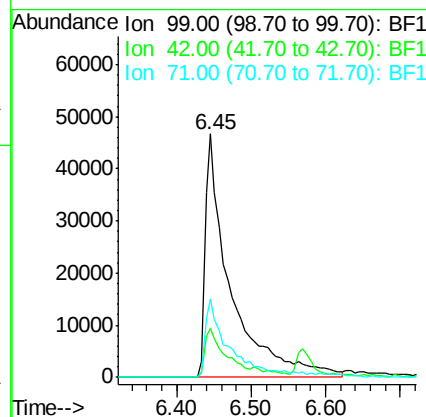
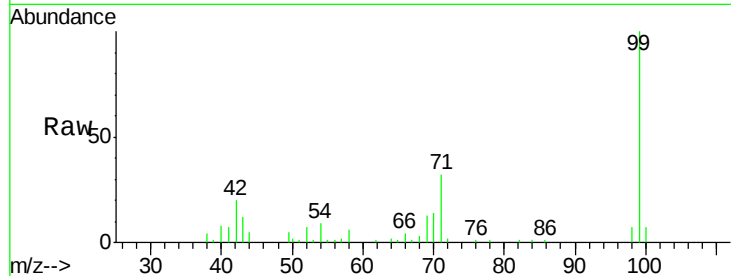
ClientSampleId :

OR-02-122117-B

Tgt Ion:	99	Resp:	109772
Ion Ratio	Lower	Upper	
99	100		
42	20.3	14.5	21.7
71	32.2	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

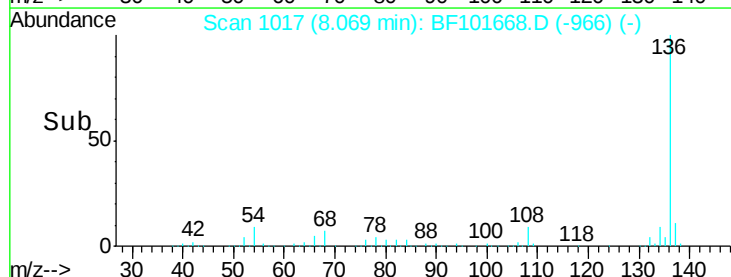
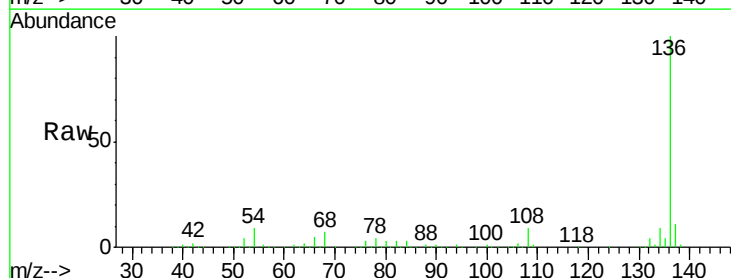
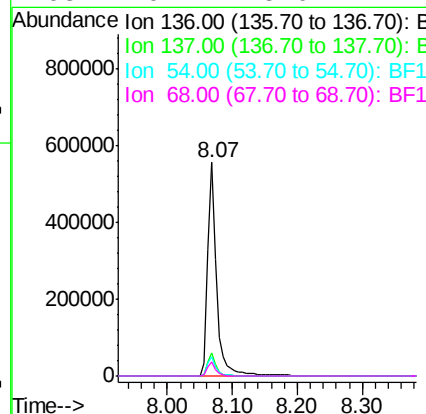
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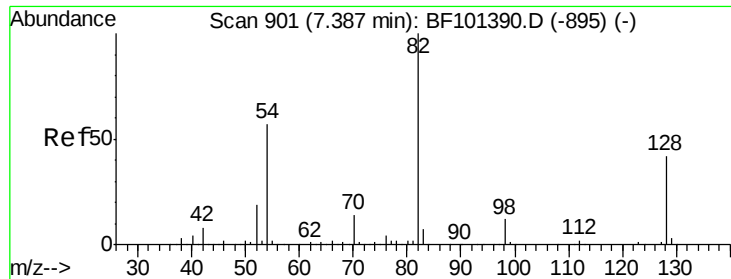
Delta R.T. 0.00 min

Lab File: BF101668.D

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Tgt Ion:	136	Resp:	535888
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	8.9	6.6	9.8
68	6.7	5.0	7.4





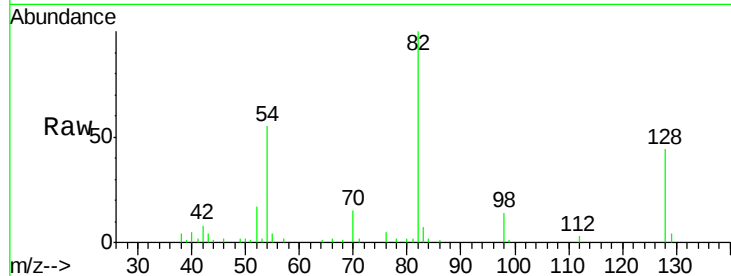
#23
 Nitrobenzene-d5
 Concen: 6.879 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.01 min
 Lab File: BF101668.D
 Acq: 22 Dec 2017 21:56

Instrument :
 BNA_F
 ClientSampleId :
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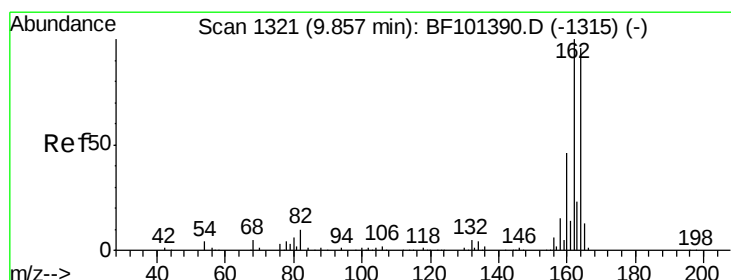
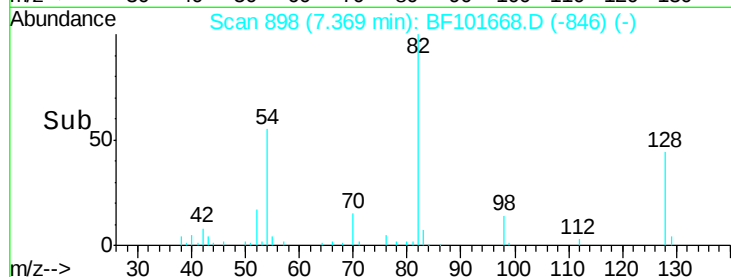
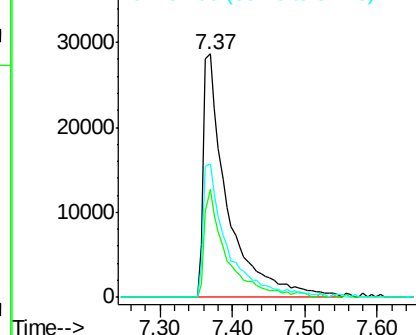
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	66221		
128	44.2	36.1	54.1	
54	54.9	41.4	62.2	

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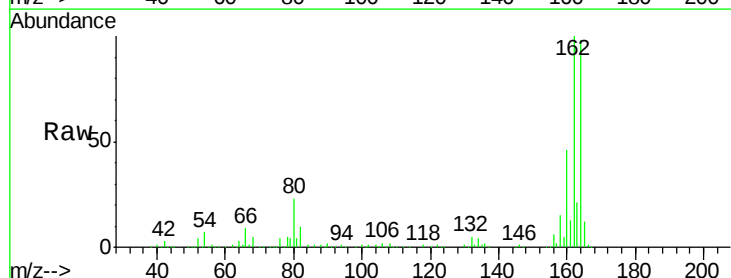


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

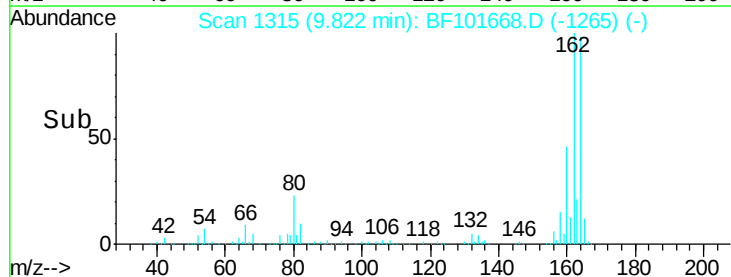
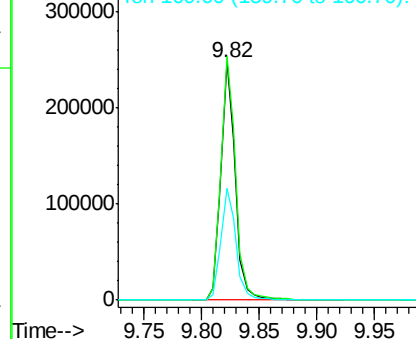


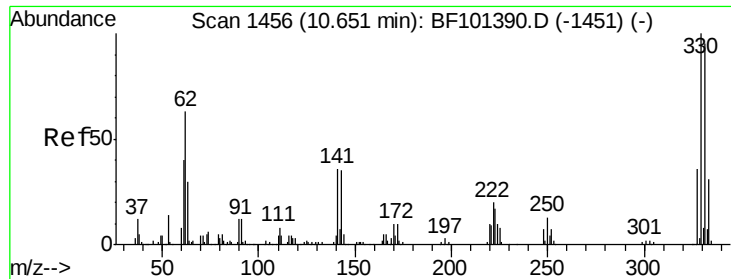
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF101668.D
 Acq: 22 Dec 2017 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	213690		
162	102.1	86.1	129.1	
160	46.7	38.3	57.5	



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1





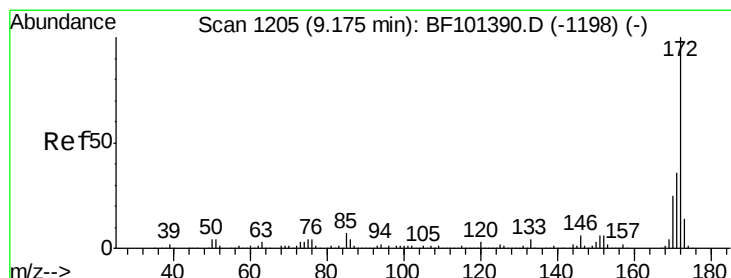
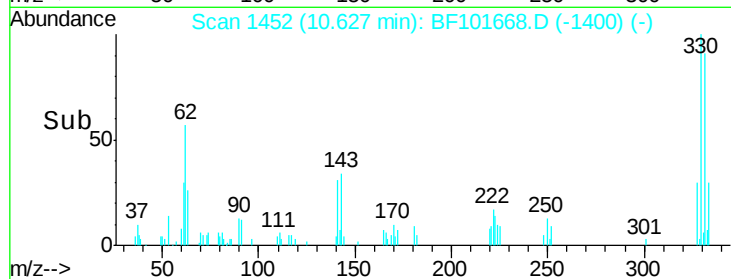
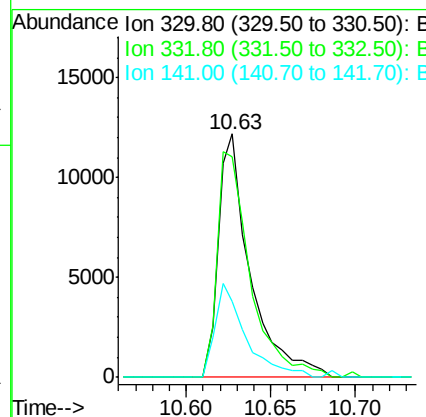
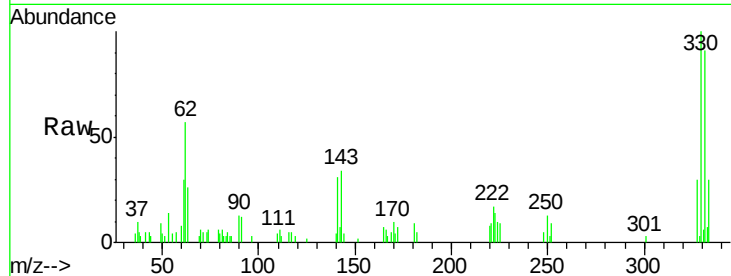
#41
 2,4,6-Tribromophenol
 Concen: 7.823 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.01 min
 Lab File: BF101668.D
 Acq: 22 Dec 2017 21:56

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 BNA_F
 ClientSampleId :
 OR-02-122117-B

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	16109		
332	96.2	77.0	115.6	
141	37.1	29.9	44.9	

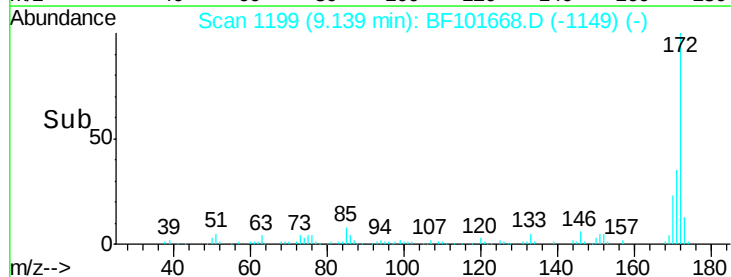
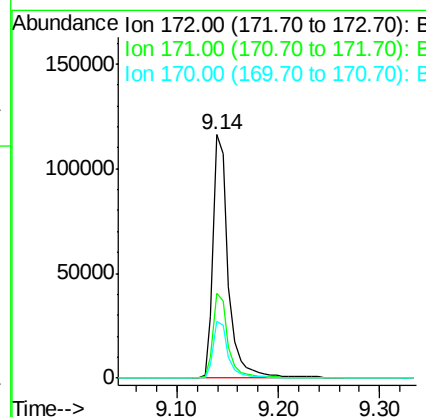
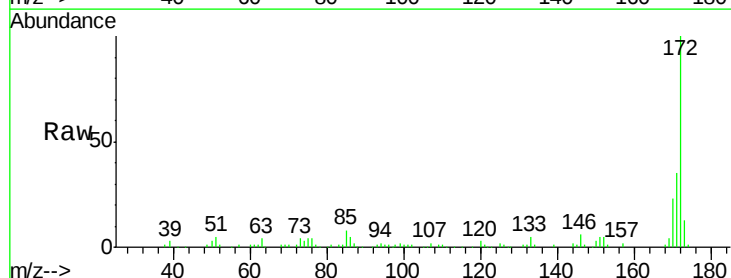
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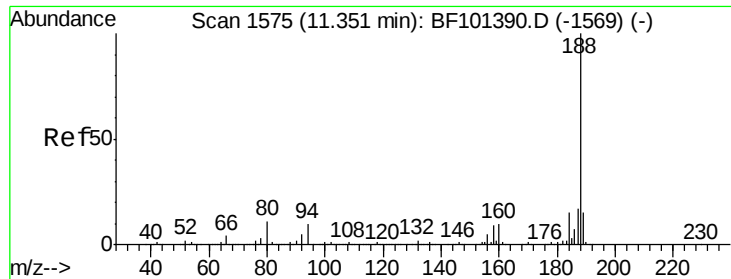
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#44
 2-Fluorobiphenyl
 Concen: 8.884 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF101668.D
 Acq: 22 Dec 2017 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	122387		
171	34.8	29.7	44.5	
170	23.2	19.6	29.4	





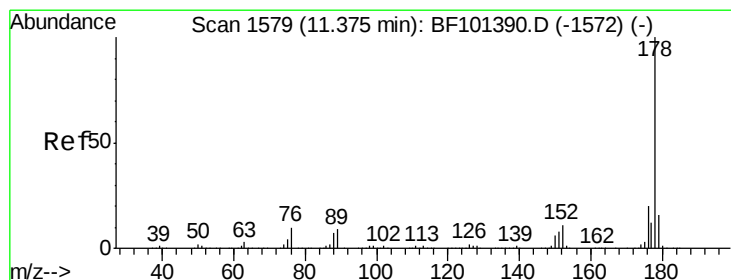
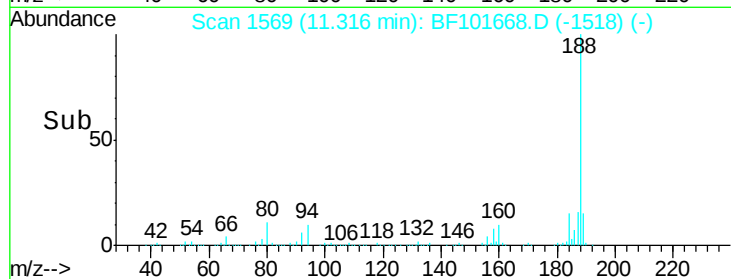
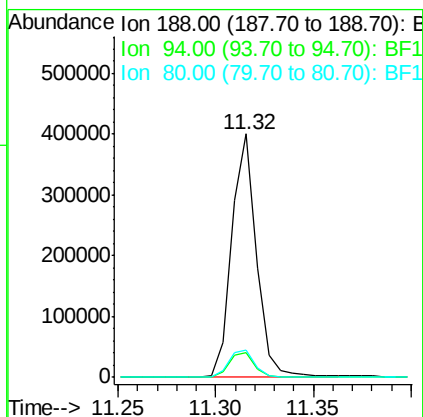
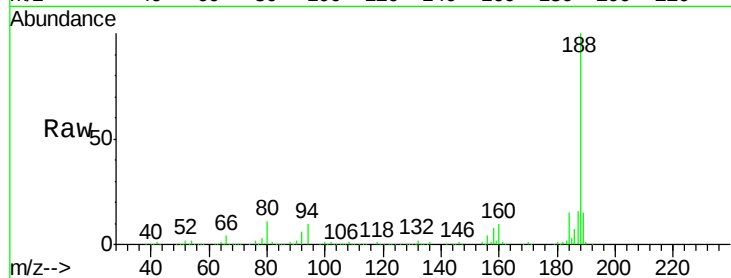
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF101668.D
Acq: 22 Dec 2017 21:56

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
188	100	351498		
94	10.1	8.5	12.7	
80	11.0	9.2	13.8	

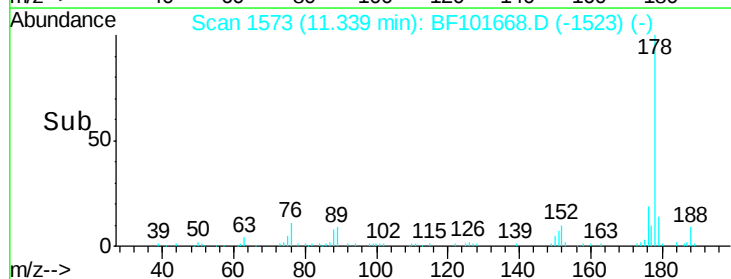
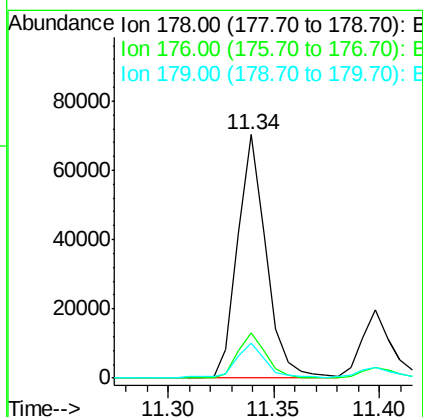
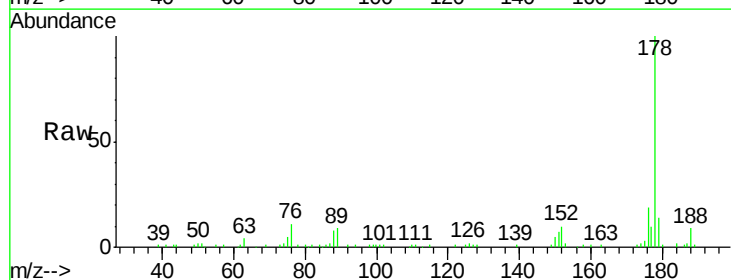
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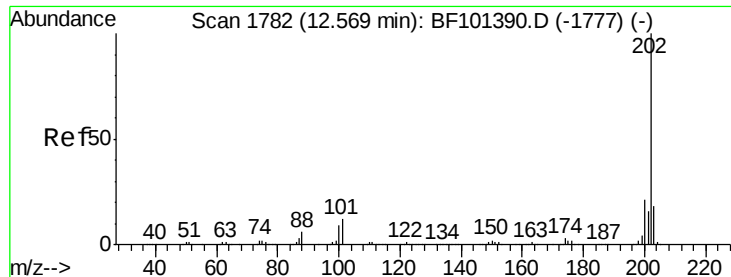
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#70
Phenanthrene
Concen: 3.360 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF101668.D
Acq: 22 Dec 2017 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	65678		
176	18.5	15.8	23.8	
179	14.1	13.0	19.6	





#74

Fluoranthene

Concen: 3.469 ng

RT: 12.53 min Scan# 1776

Delta R.T. 0.00 min

Lab File: BF101668.D

Acq: 22 Dec 2017 21:56

Instrument :

BNA_F

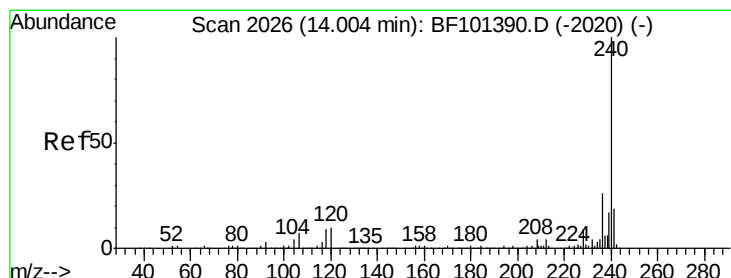
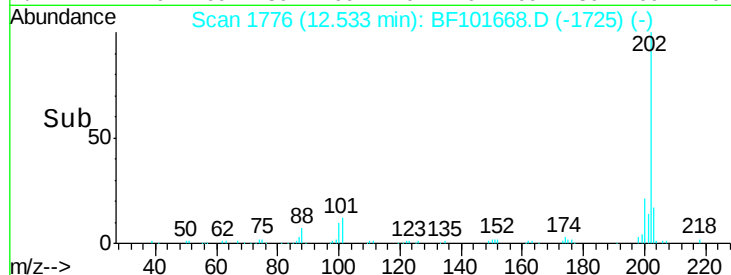
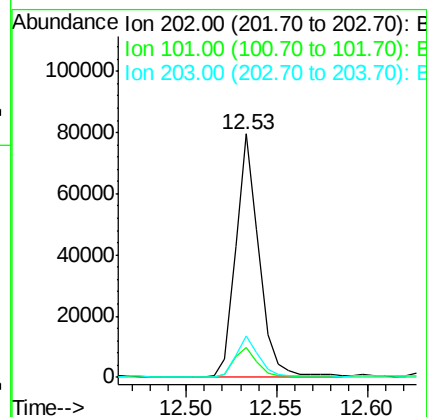
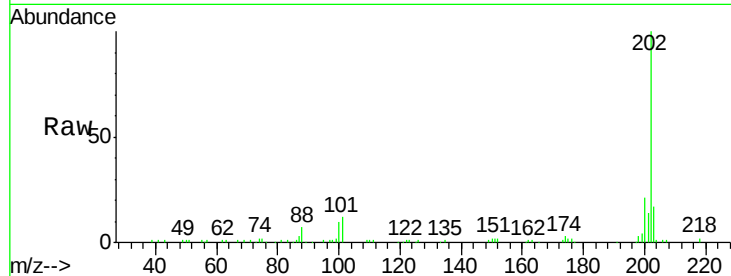
ClientSampleId :

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Tgt Ion:	202	Resp:	71185
Ion Ratio	Lower	Upper	
202	100		
101	12.1	0.0	34.1
203	17.2	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

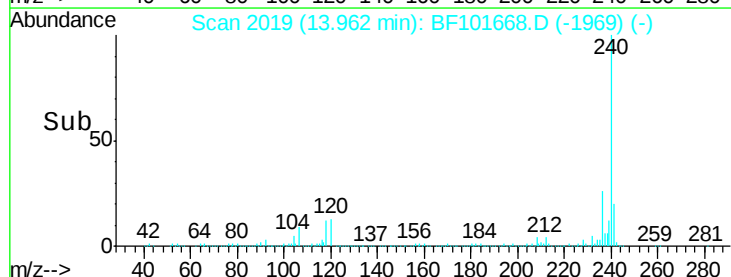
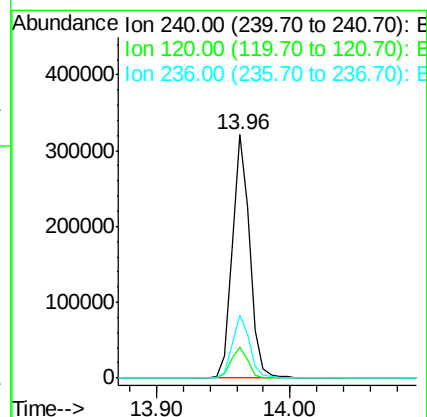
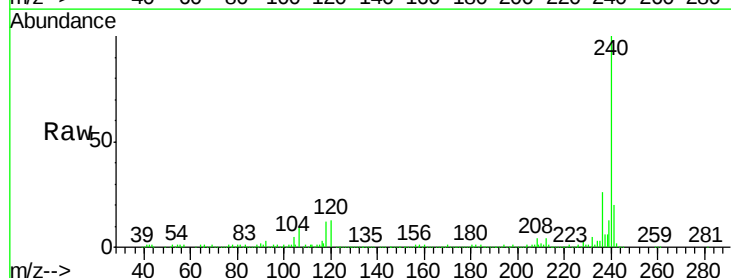
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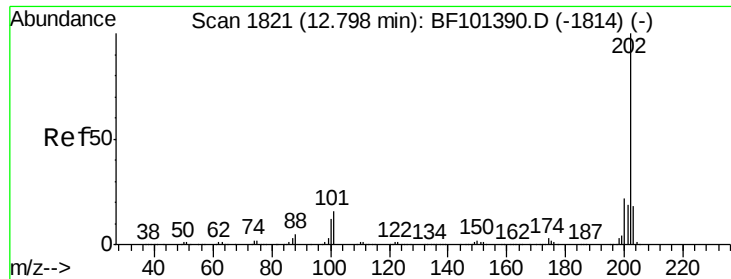
Delta R.T. -0.01 min

Lab File: BF101668.D

Acq: 22 Dec 2017 21:56

Tgt Ion:	240	Resp:	296001
Ion Ratio	Lower	Upper	
240	100		
120	12.8	9.5	14.3
236	25.8	20.7	31.1





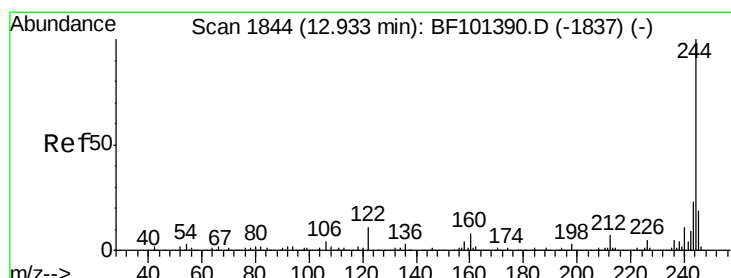
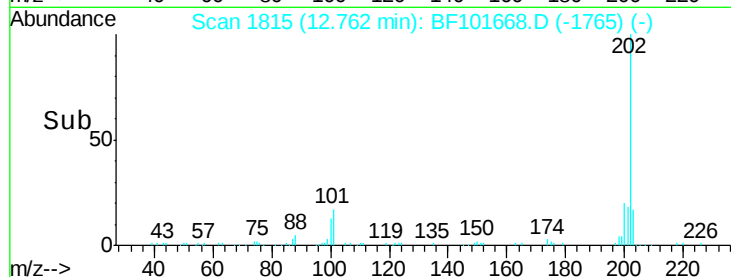
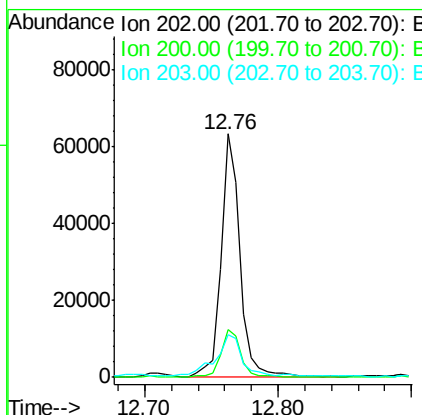
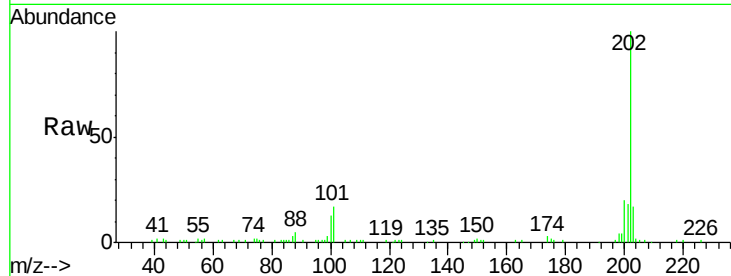
#77
 Pyrene
 Concen: 2.870 ng
 RT: 12.76 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BF101668.D
 Acq: 22 Dec 2017 21:56

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-122117-B

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.7	17.4	26.2
203	17.5	14.3	21.5

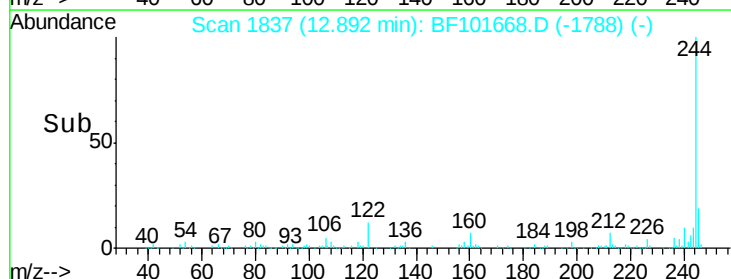
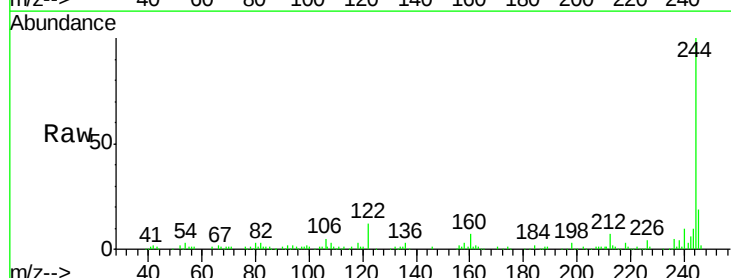
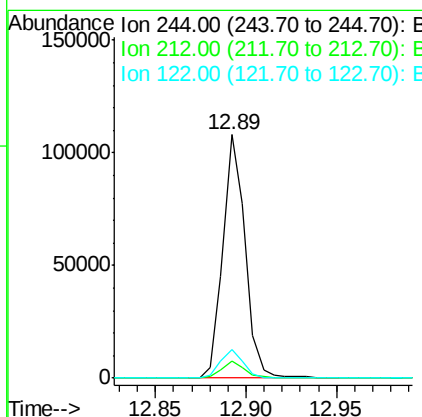
Manual Integrations
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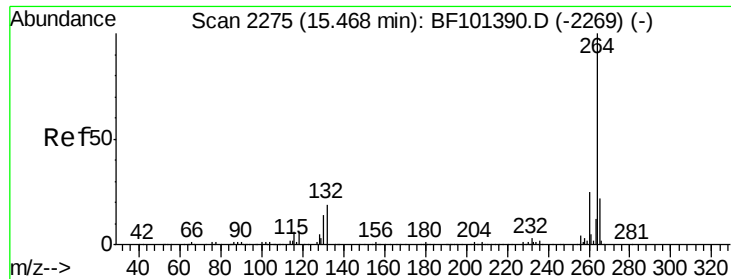
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#78
 Terphenyl-d14
 Concen: 7.522 ng
 RT: 12.89 min Scan# 1837
 Delta R.T. -0.01 min
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Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	11.7	11.0	16.4





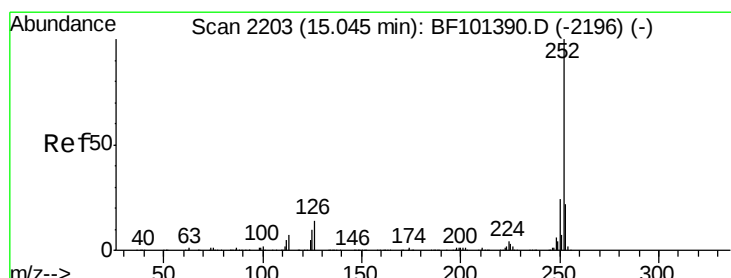
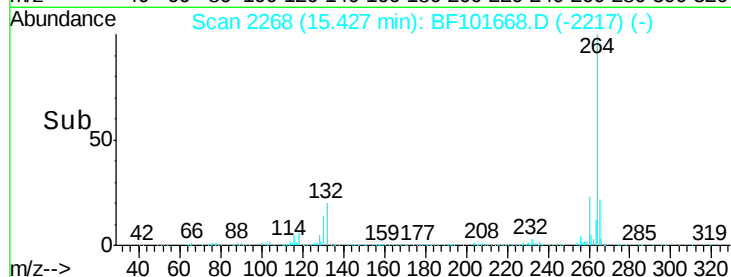
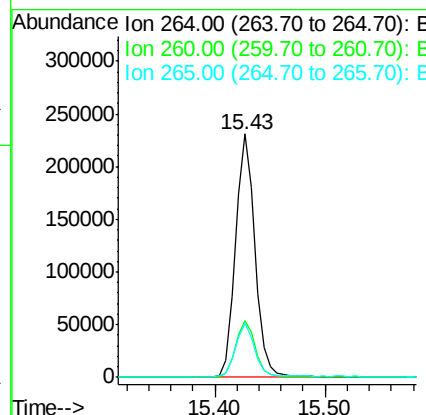
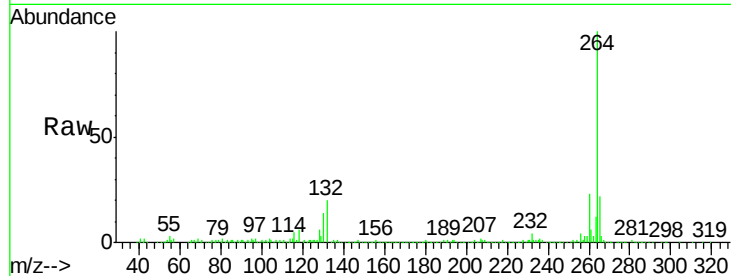
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.00 min
Lab File: BF101668.D
Acq: 22 Dec 2017 21:56

Instrument :
BNA_F
ClientSampleId :
OR-02-122117-B

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	288443		
260	23.2	19.2	28.8	
265	22.0	17.5	26.3	

Manual Integrations
APPROVED

Sohil
12/26/2017 1:37:32 PM



#87
Benzo(b)fluoranthene
Concen: 2.014 ng m
RT: 15.01 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BF101668.D
Acq: 22 Dec 2017 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	35401		
253	23.8	17.0	25.6	
125	17.3	9.0	13.6	

