

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
 Data File : BF101711.D
 Acq On : 26 Dec 2017 13:18
 Operator : SJ/JU
 Sample : I6683-07 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-122017-A

Manual Integrations
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Quant Time: Dec 26 13:58:58 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 10:48:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	151676	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	583932	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	231269	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	375623	20.00	ng	0.00
75) Chrysene-d12	13.97	240	305479	20.00	ng	0.00
86) Perylene-d12	15.44	264	258484	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	543950	53.42	ng	0.00
7) Phenol-d6	6.43	99	654390	51.64	ng	0.00
23) Nitrobenzene-d5	7.36	82	394557	37.61	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	104998	47.12	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	612582	41.09	ng	0.00
78) Terphenyl-d14	12.89	244	449928	35.51	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.55	163	76970	4.138	ng	99
74) Fluoranthene	12.54	202	46941	2.141	ng	98
77) Pyrene	12.77	202	54274	2.367	ng	97
87) Benzo(b)fluoranthene	15.02	252	33890m	2.151	ng	

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

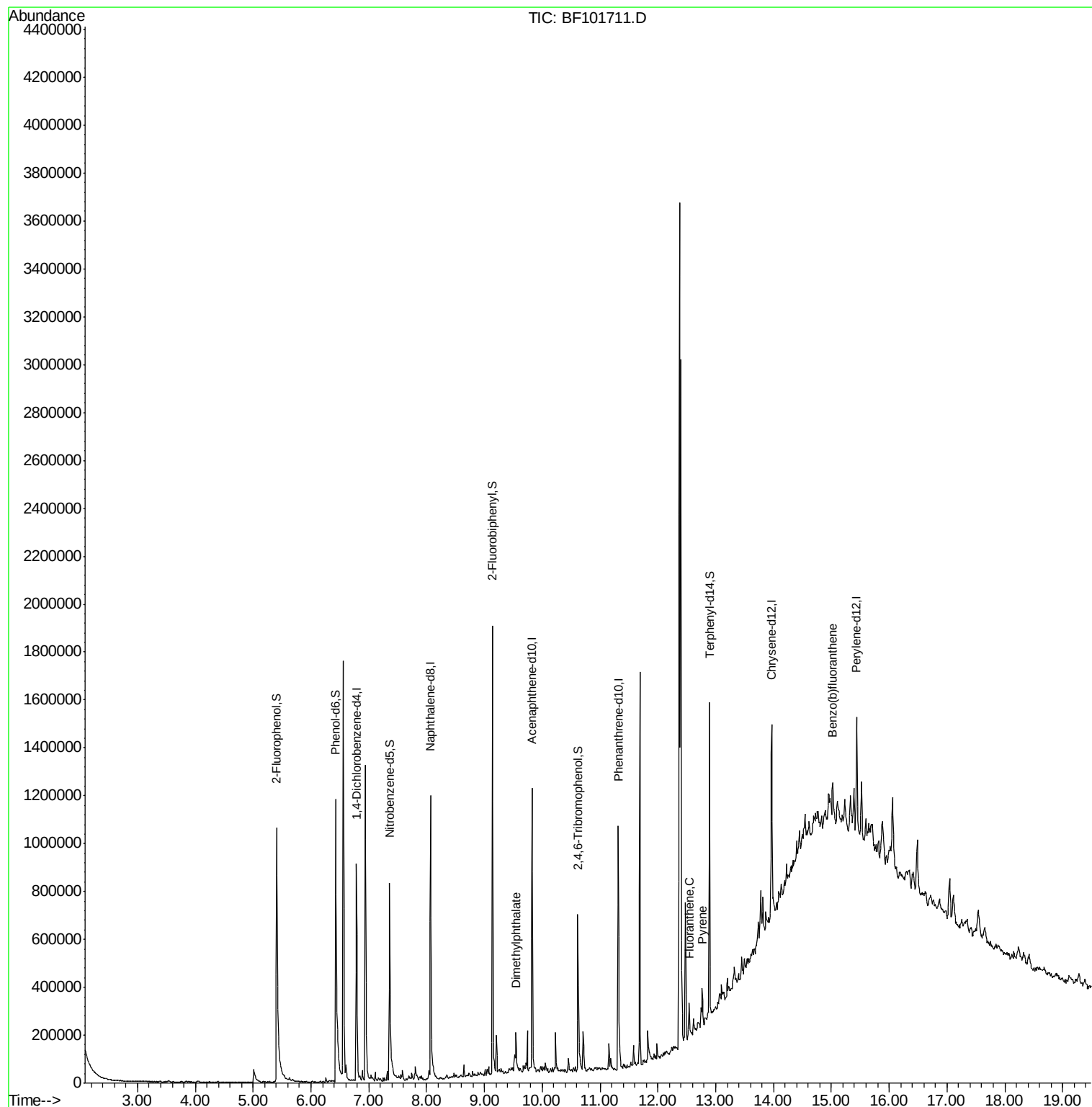
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
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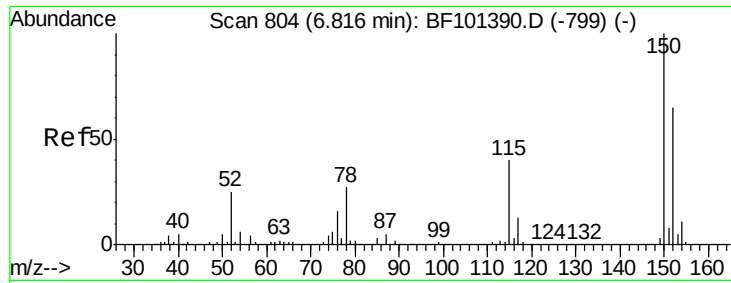
Instrument :
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EO-02-122017-A

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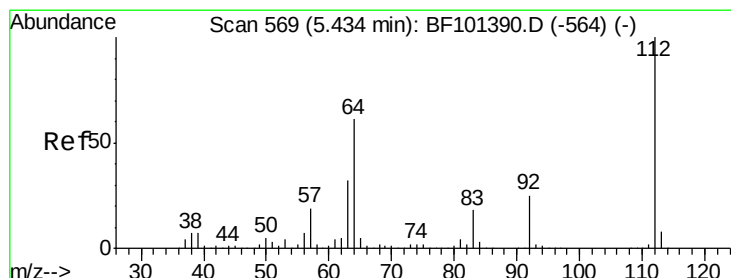
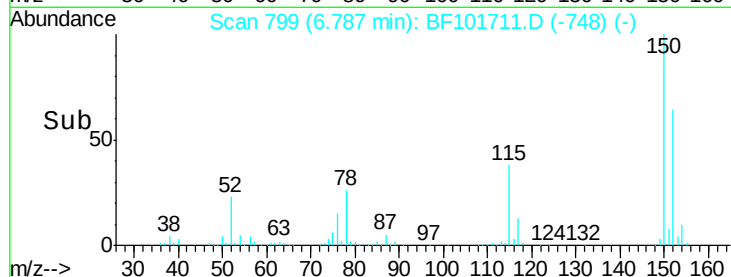
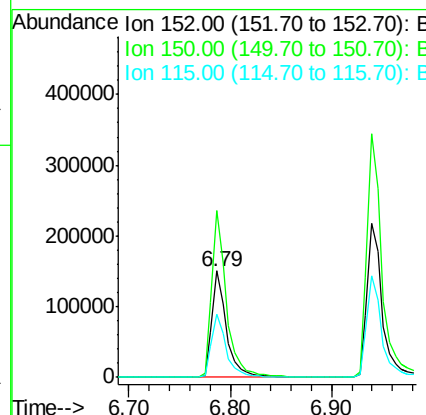
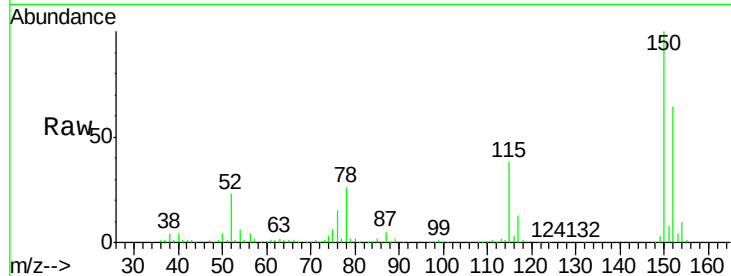
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF101711.D
 Acq: 26 Dec 2017 13:18

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-122017-A

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.6	186.8
115	59.9	50.1	75.1

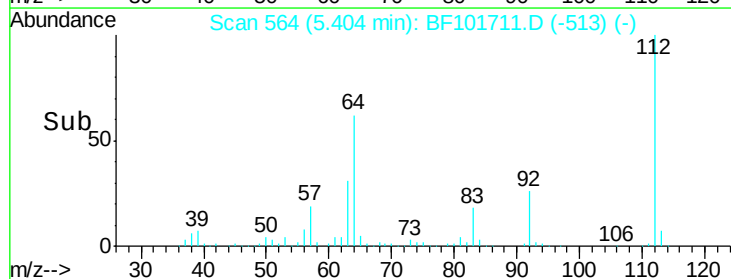
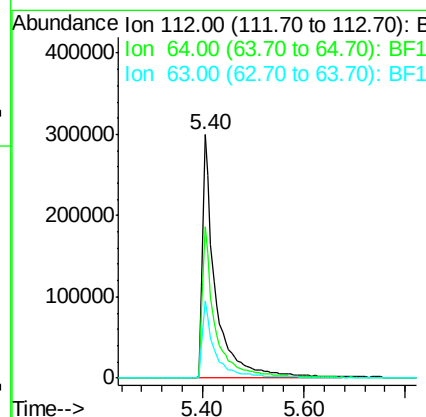
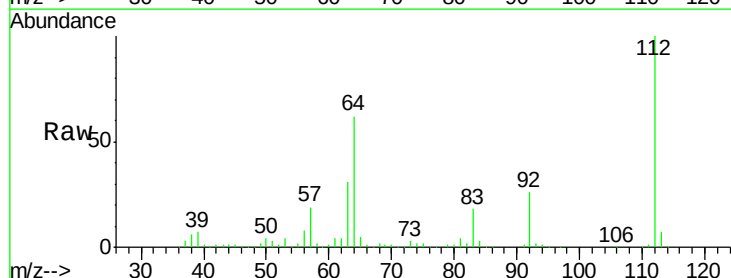
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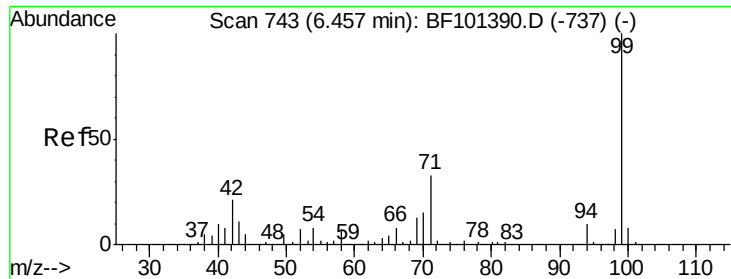
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#5
 2-Fluorophenol
 Concen: 53.420 ng
 RT: 5.40 min Scan# 564
 Delta R.T. -0.00 min
 Lab File: BF101711.D
 Acq: 26 Dec 2017 13:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.3	47.9	71.9
63	31.5	23.7	35.5





#7

Phenol-d6

Concen: 51.639 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF101711.D

Acq: 26 Dec 2017 13:18

Instrument :

BNA_F

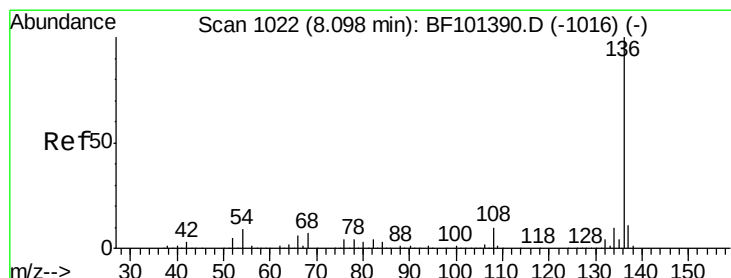
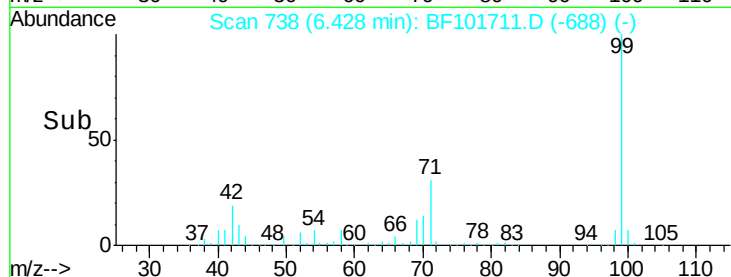
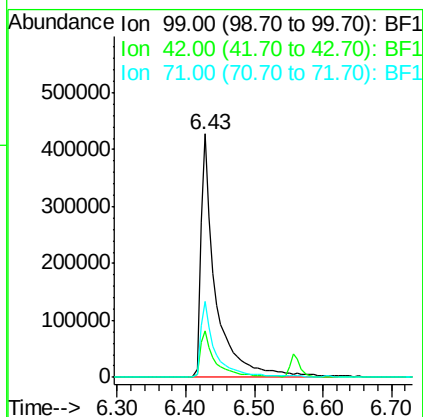
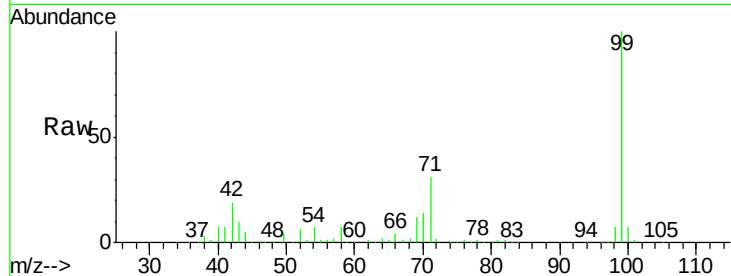
ClientSampleId :

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Tgt Ion:	99	Resp:	654390
Ion Ratio	Lower	Upper	
99	100		
42	19.3	14.5	21.7
71	31.2	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

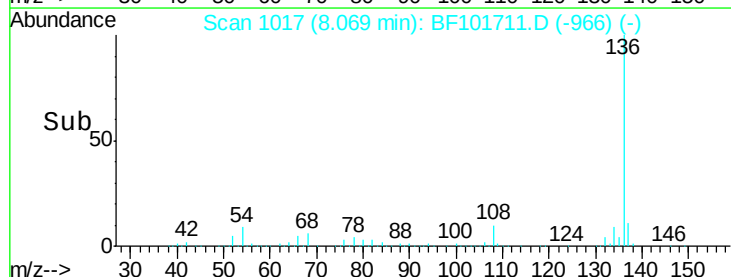
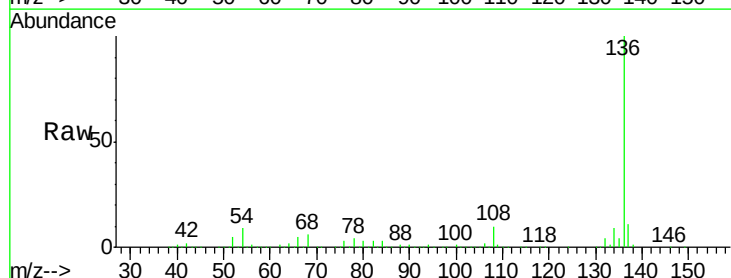
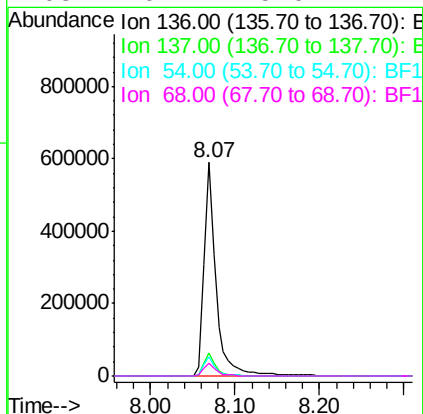
RT: 8.07 min Scan# 1017

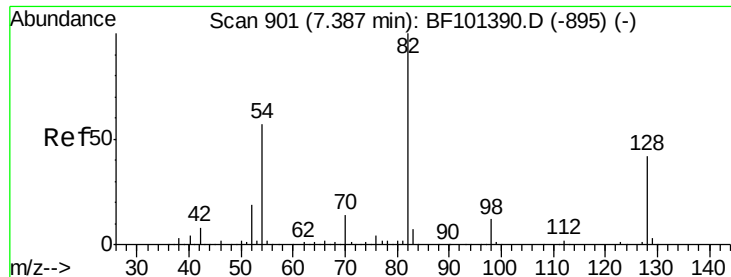
Delta R.T. -0.00 min

Lab File: BF101711.D

Acq: 26 Dec 2017 13:18

Tgt Ion:	136	Resp:	583932
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	9.0	6.6	9.8
68	6.2	5.0	7.4





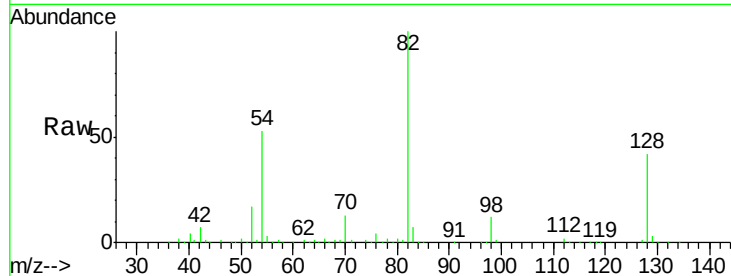
#23
Nitrobenzene-d5
Concen: 37.613 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF101711.D
Acq: 26 Dec 2017 13:18

Instrument :
BNA_F
ClientSampleId :
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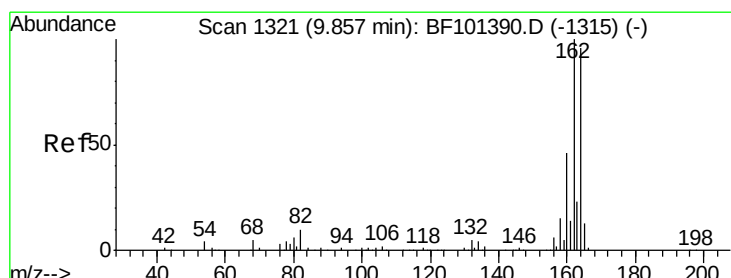
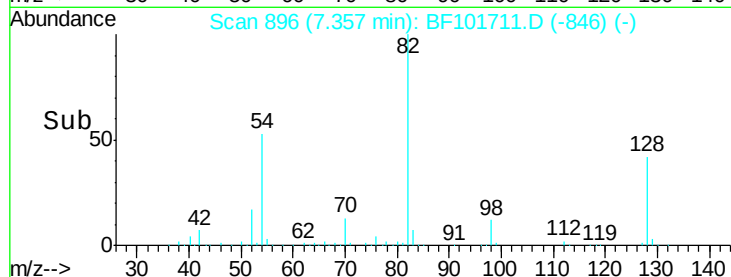
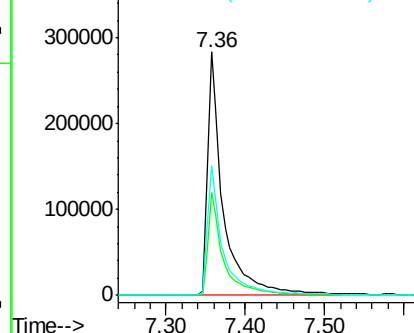
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	394557		
128	42.3	36.1	54.1	
54	53.3	41.4	62.2	

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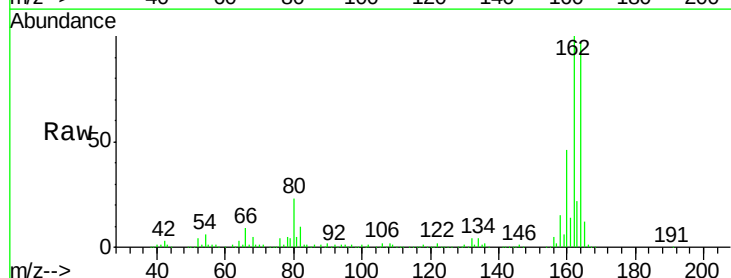


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

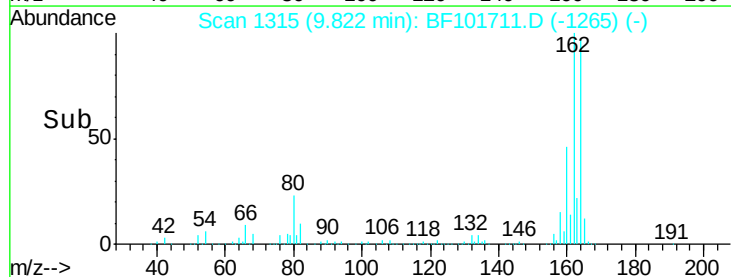
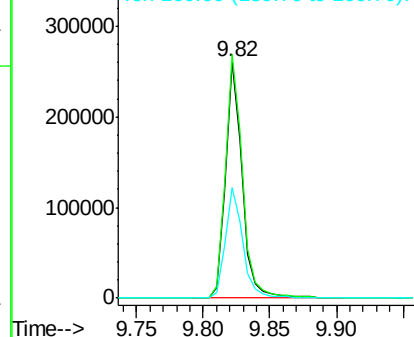


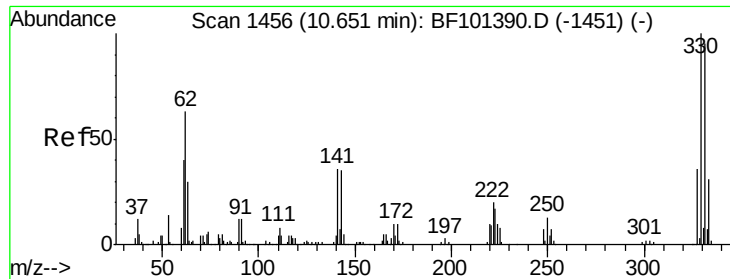
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF101711.D
Acq: 26 Dec 2017 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	231269		
162	103.1	86.1	129.1	
160	47.1	38.3	57.5	



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





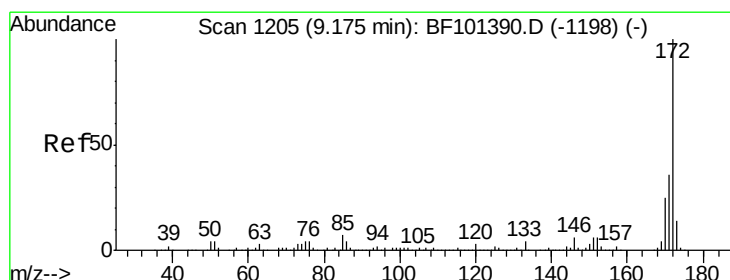
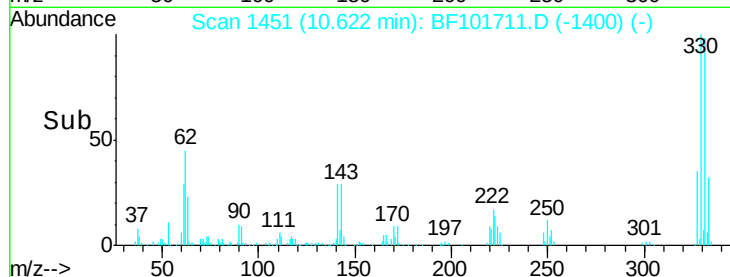
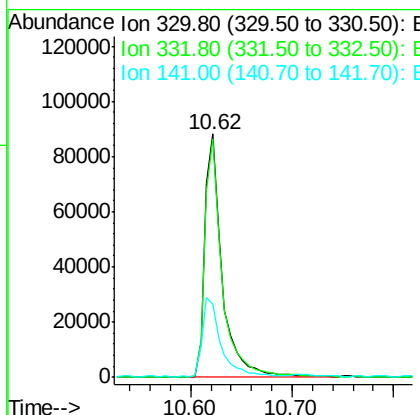
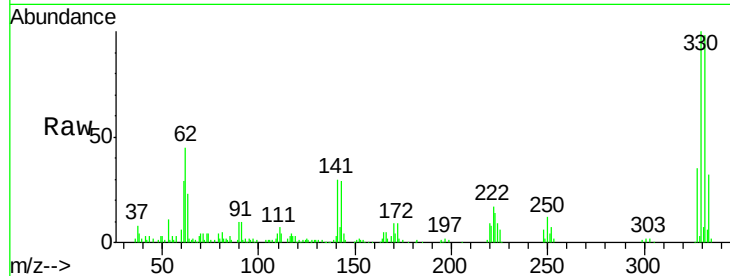
#41
 2,4,6-Tribromophenol
 Concen: 47.117 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.00 min
 Lab File: BF101711.D
 Acq: 26 Dec 2017 13:18

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
330	100	104998		
332	98.3	77.0	115.6	
141	34.8	29.9	44.9	

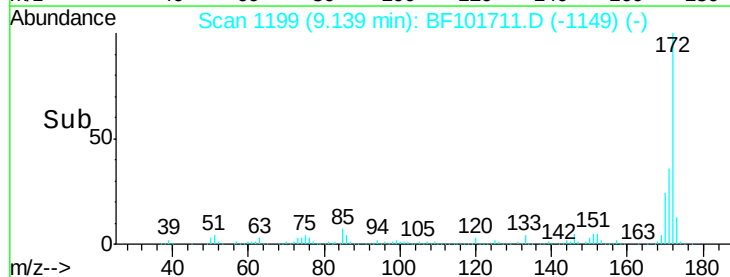
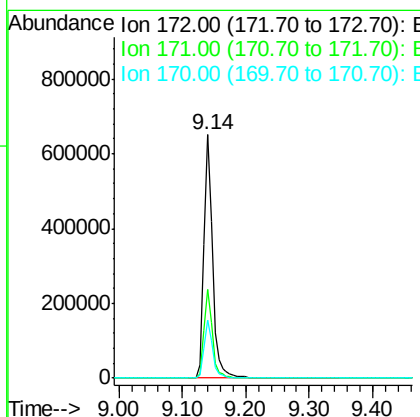
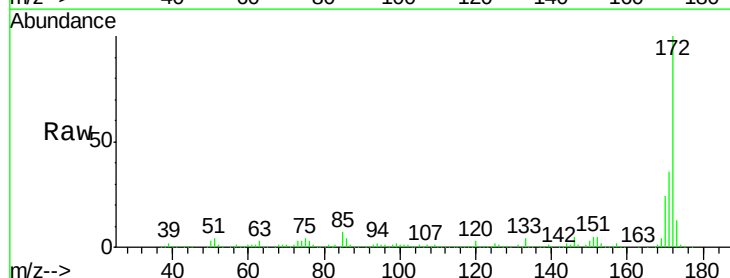
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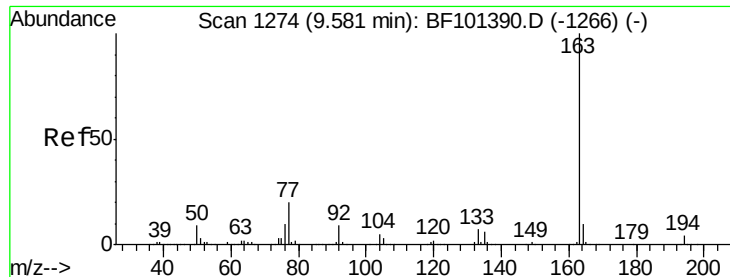
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#44
 2-Fluorobiphenyl
 Concen: 41.089 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF101711.D
 Acq: 26 Dec 2017 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	612582		
171	36.3	29.7	44.5	
170	23.9	19.6	29.4	





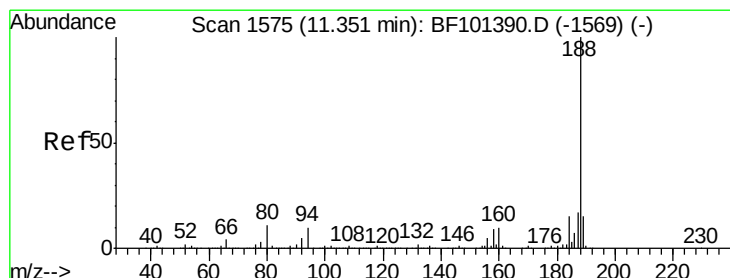
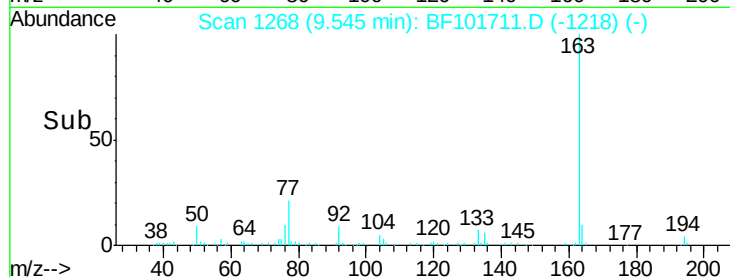
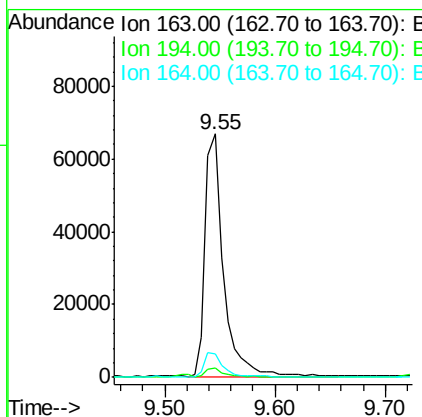
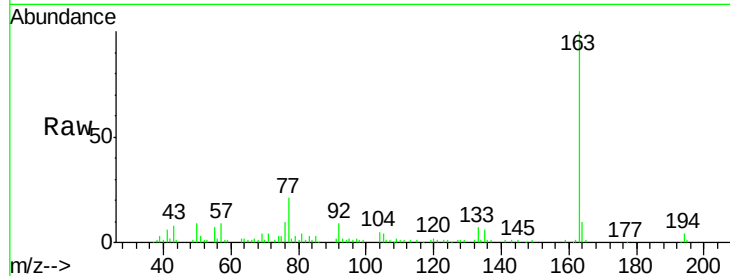
#49
Dimethylphthalate
Concen: 4.138 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF101711.D
Acq: 26 Dec 2017 13:18

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
163	100	76970		
194	3.9	2.7	4.1	
164	9.7	8.2	12.2	

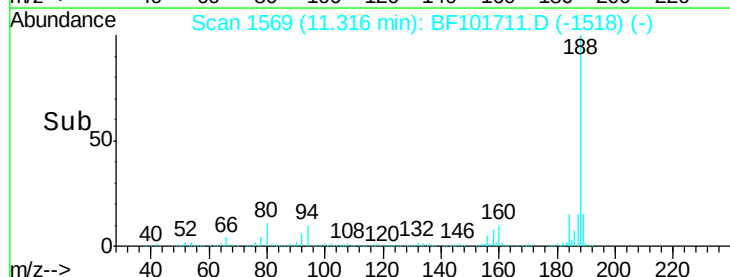
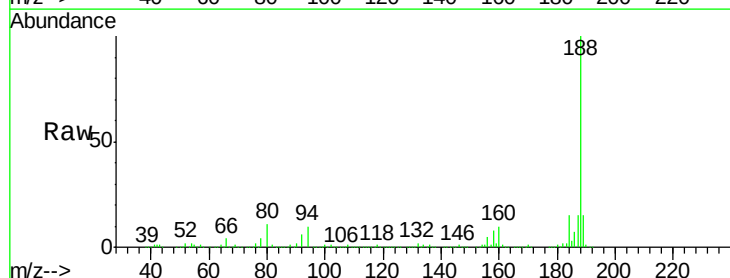
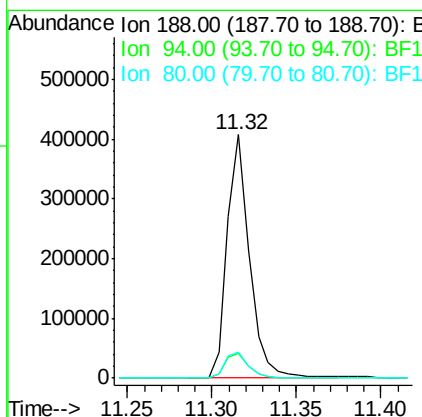
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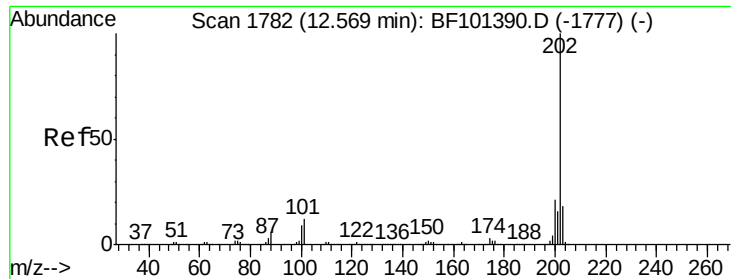
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF101711.D
Acq: 26 Dec 2017 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	375623		
94	10.2	8.5	12.7	
80	10.9	9.2	13.8	





#74

Fluoranthene

Concen: 2.141 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.01 min

Lab File: BF101711.D

Acq: 26 Dec 2017 13:18

Instrument :

BNA_F

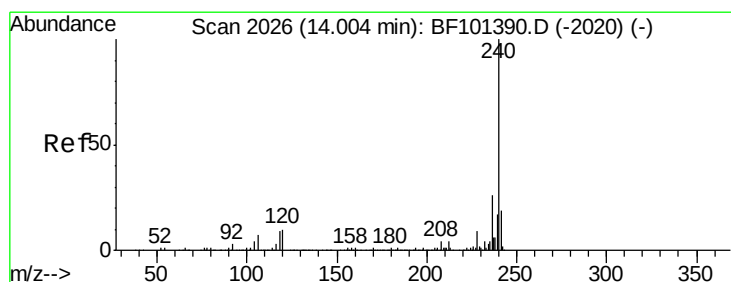
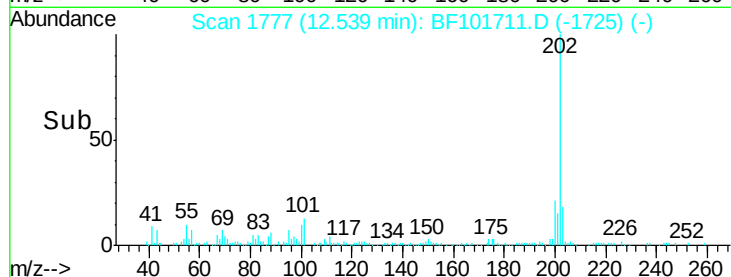
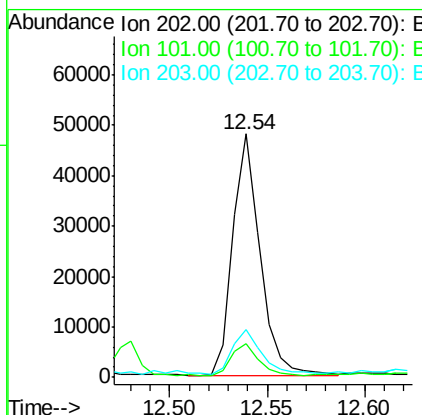
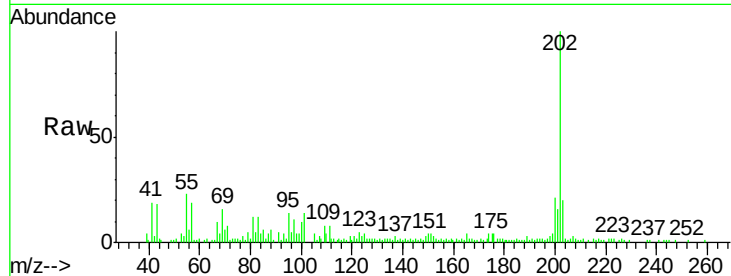
ClientSampleId :

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Tgt Ion:	202	Resp:	46941
Ion Ratio	Lower	Upper	
202	100		
101	13.9	0.0	34.1
203	19.6	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

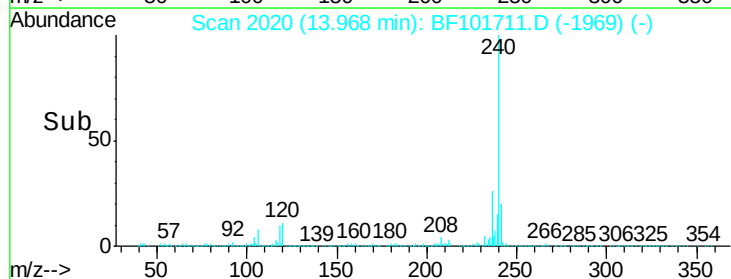
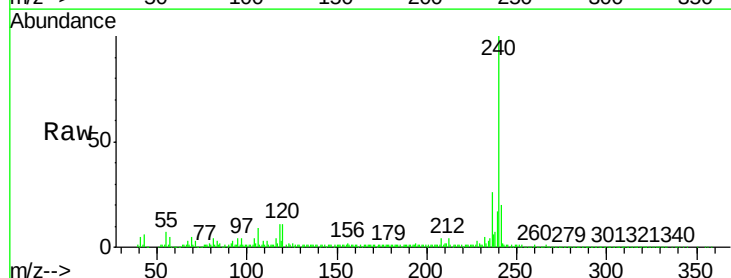
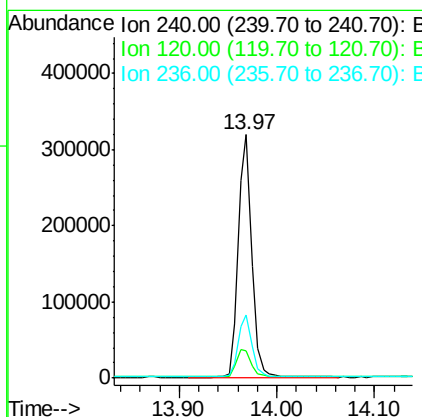
RT: 13.97 min Scan# 2020

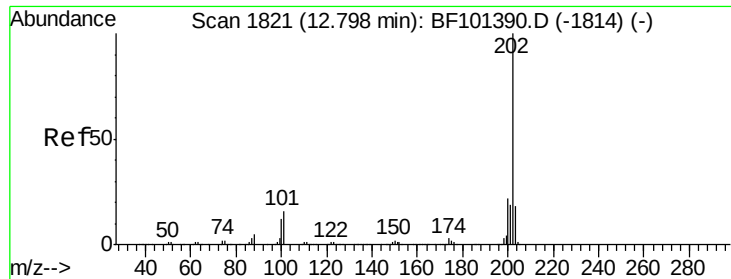
Delta R.T. -0.00 min

Lab File: BF101711.D

Acq: 26 Dec 2017 13:18

Tgt Ion:	240	Resp:	305479
Ion Ratio	Lower	Upper	
240	100		
120	11.2	9.5	14.3
236	26.0	20.7	31.1





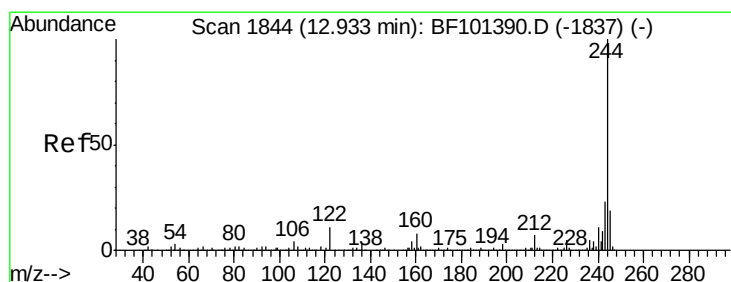
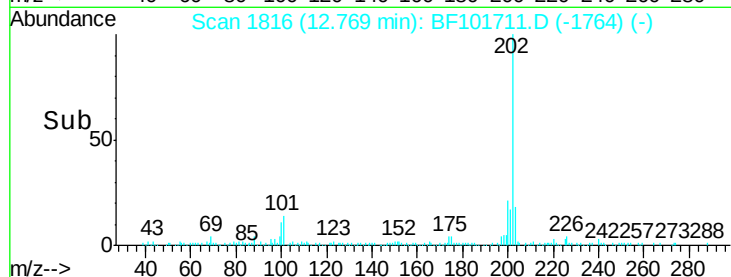
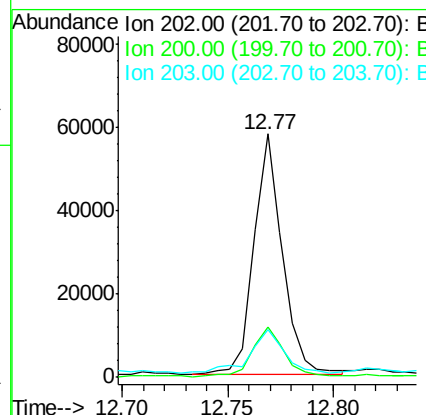
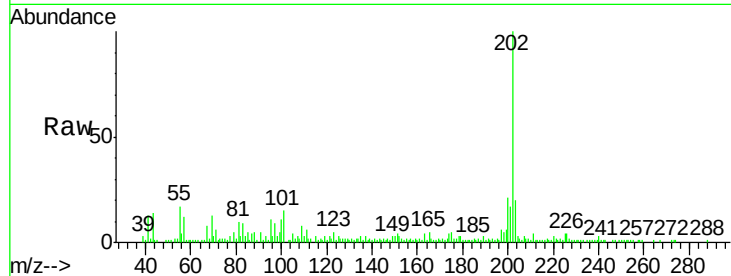
#77
Pyrene
Concen: 2.367 ng
RT: 12.77 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BF101711.D
Acq: 26 Dec 2017 13:18

Instrument :
BNA_F
ClientSampleId :
EO-02-122017-A

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.2
203	19.8	14.3	21.5

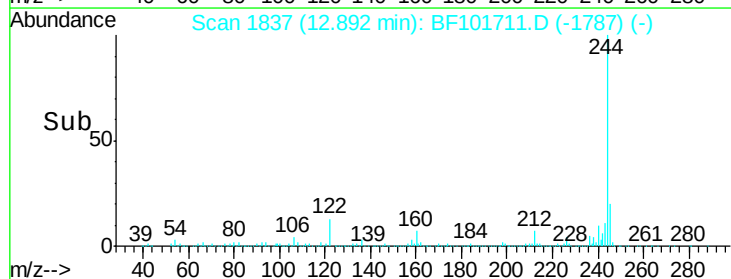
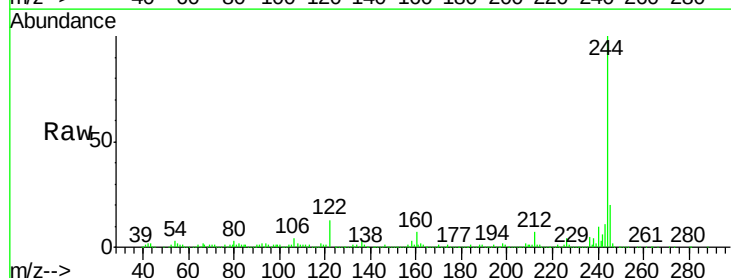
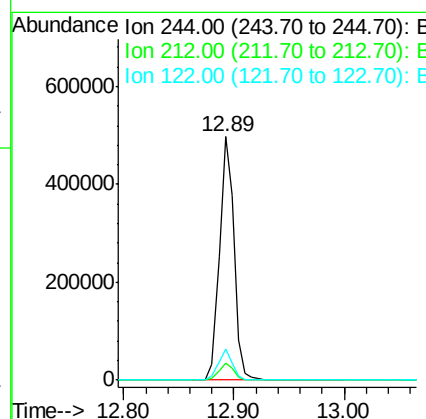
Manual Integrations
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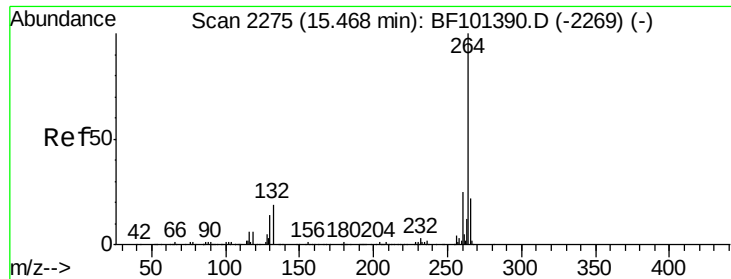
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#78
Terphenyl-d14
Concen: 35.507 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BF101711.D
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Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.6	11.0	16.4





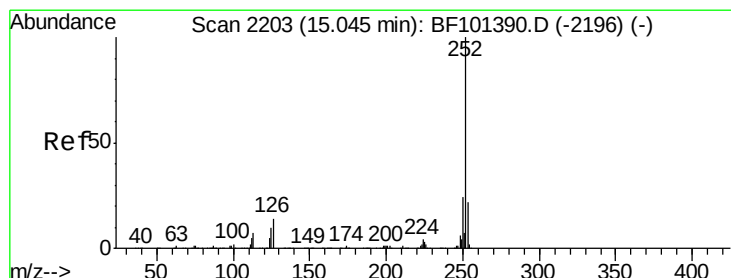
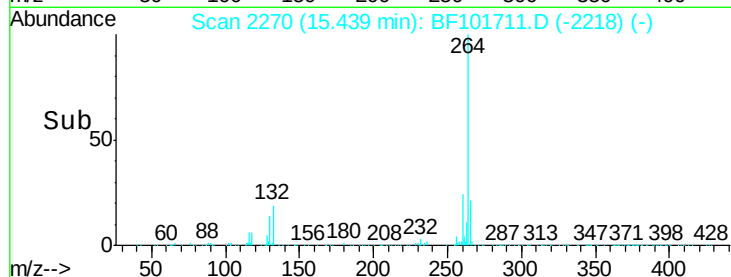
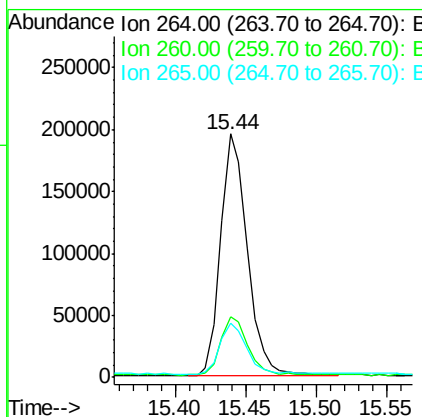
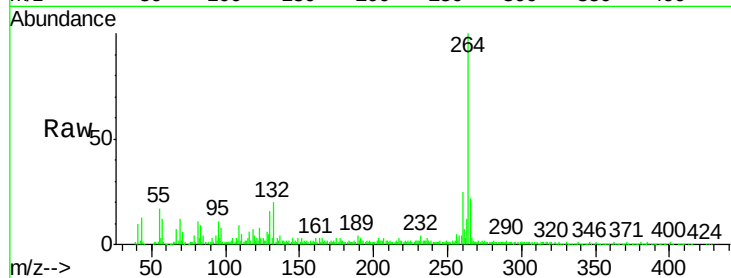
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF101711.D
Acq: 26 Dec 2017 13:18

Instrument :
BNA_F
ClientSampleId :
EO-02-122017-A

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	22.3	17.5	26.3

Manual Integrations
APPROVED

Sohil
12/27/2017 4:14:24 PM



#87
Benzo(b)fluoranthene
Concen: 2.151 ng m
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF101711.D
Acq: 26 Dec 2017 13:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	34.4	17.0	25.6#
125	37.4	9.0	13.6#

