

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121217\
 Data File : BF101335.D
 Acq On : 12 Dec 2017 17:43
 Operator : SJ/JU
 Sample : I6822-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(0-2)

Manual Integrations
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Quant Time: Dec 13 11:12:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	45854	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	173753	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	72791	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	120762	20.00	ng	0.00
75) Chrysene-d12	14.01	240	102439	20.00	ng	0.00
86) Perylene-d12	15.49	264	81615	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	13604	4.90	ng	0.01
7) Phenol-d6	6.46	99	249478	74.05	ng	0.00
23) Nitrobenzene-d5	7.39	82	212781	73.05	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	219	0.25	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	444985	83.64	ng	0.00
78) Terphenyl-d14	12.94	244	355624	75.93	ng	0.00
Target Compounds						
10) Phenol	6.47	94	10856	2.898	ng	79
31) Naphthalene	8.13	128	60980	7.121	ng	98
37) 2-Methylnaphthalene	8.82	142	110942	19.066	ng	95
49) Dimethylphthalate	9.57	163	47553	8.100	ng	# 93
70) Phenanthrene	11.39	178	79258	11.918	ng	99
74) Fluoranthene	12.57	202	24546	3.330	ng	93
77) Pyrene	12.80	202	22375	3.165	ng	98
87) Benzo(b)fluoranthene	15.05	252	11818m	2.418	ng	

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

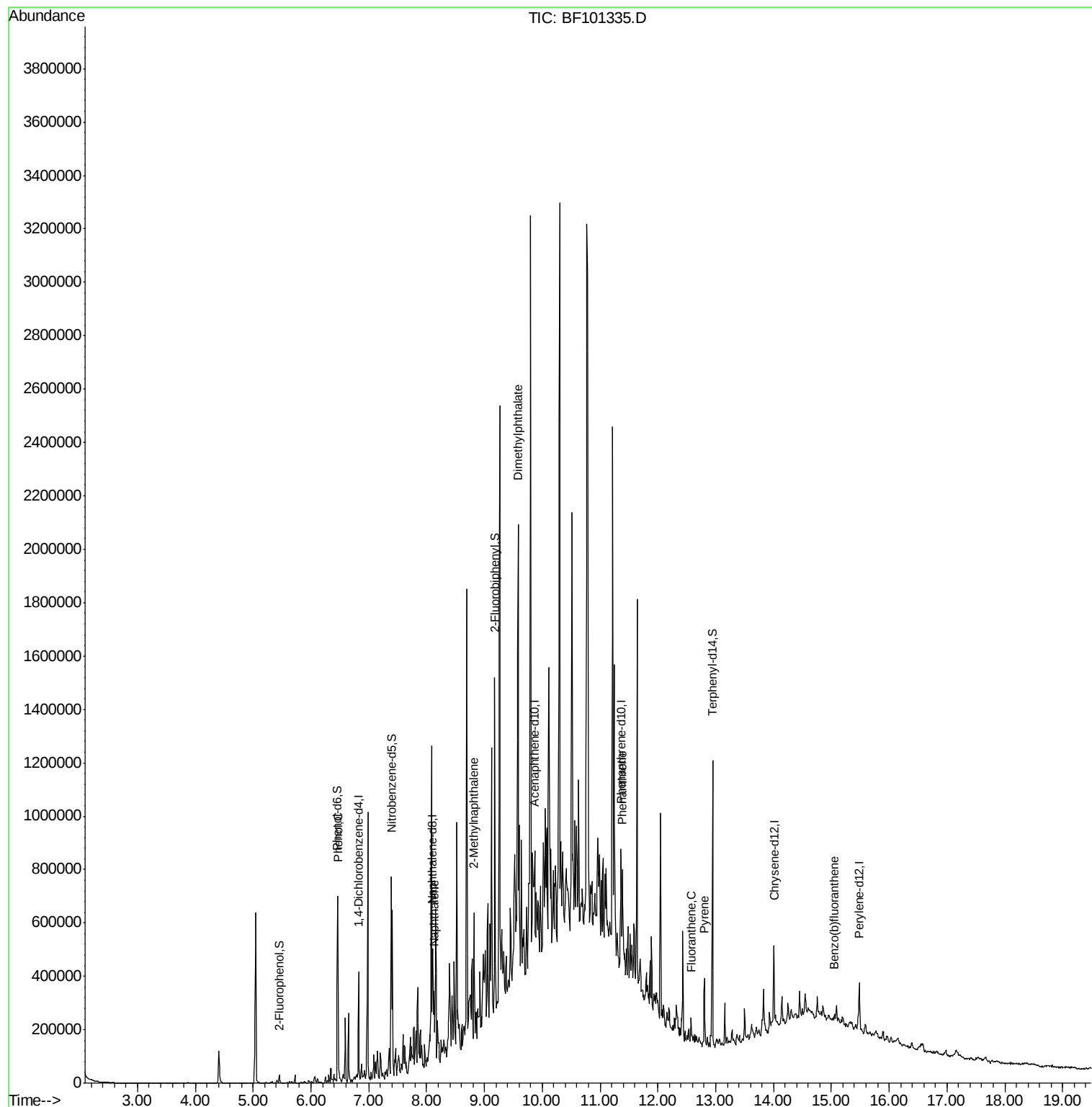
Data Path : Z:\HPCHEM1\BNA F\DATA\BF121217\
Data File : BF101335.D
Acq On : 12 Dec 2017 17:43
Operator : SJ/JU
Sample : I6822-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

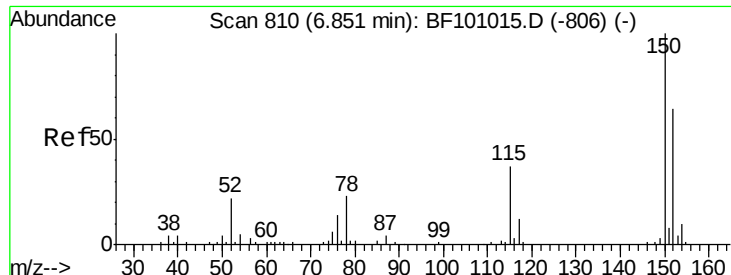
Instrument :
BNA_F
ClientSampleId :
SB-1(0-2)

Quant Time: Dec 13 11:12:01 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 08 18:17:31 2017
Response via : Initial Calibration

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#1

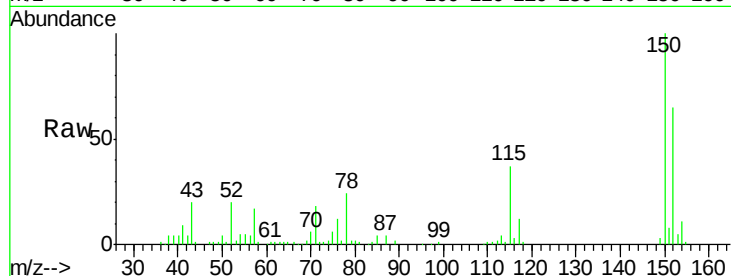
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF101335.D
Acq: 12 Dec 2017 17:43

Instrument :
BNA_F
ClientSampleId :
SB-1(0-2)

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	124.6	186.8
115	56.1	50.1	75.1

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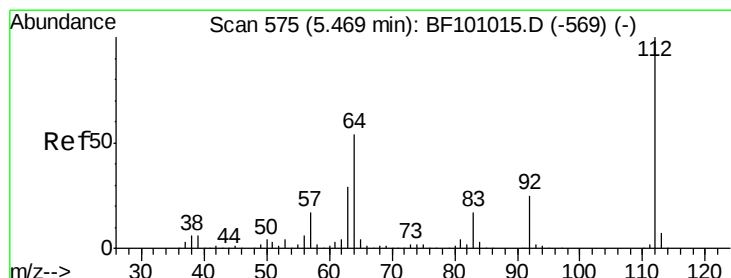
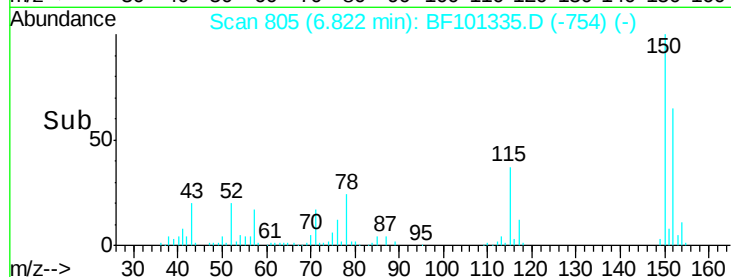
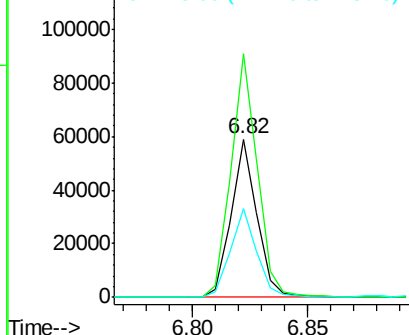


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

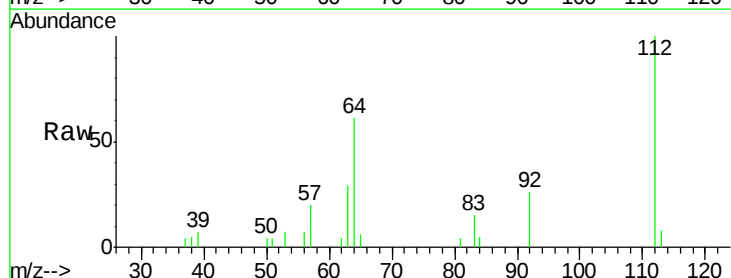
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 4.902 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF101335.D
Acq: 12 Dec 2017 17:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.8	47.9	71.9
63	28.6	23.7	35.5

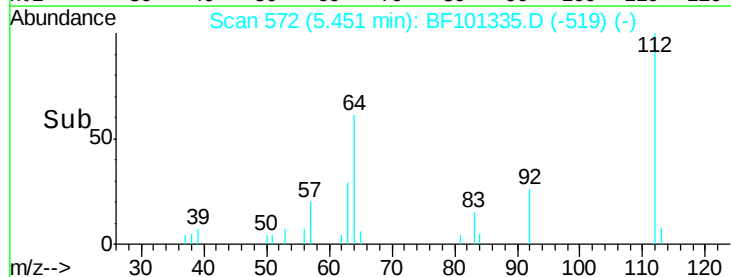
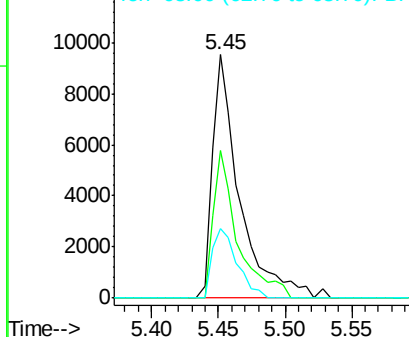


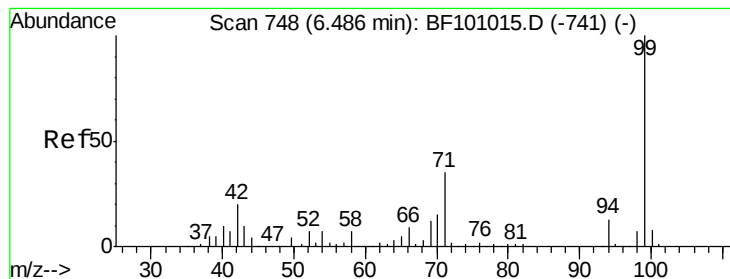
Abundance

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: 74.051 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF101335.D

Acq: 12 Dec 2017 17:43

Instrument :

BNA_F

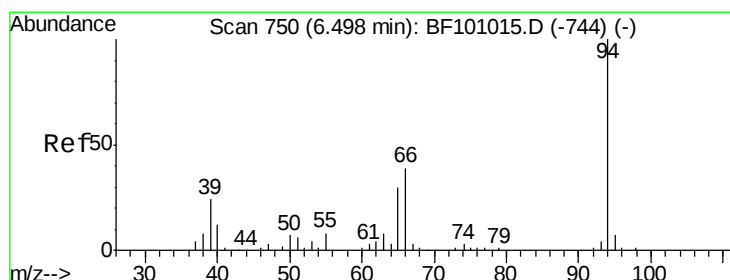
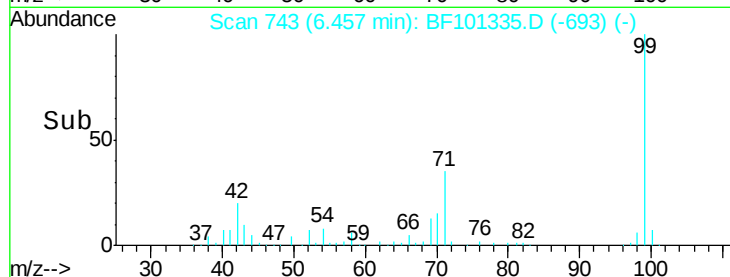
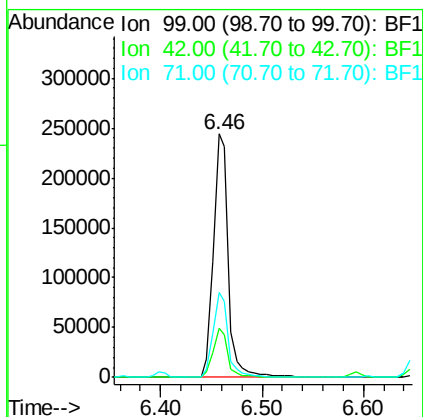
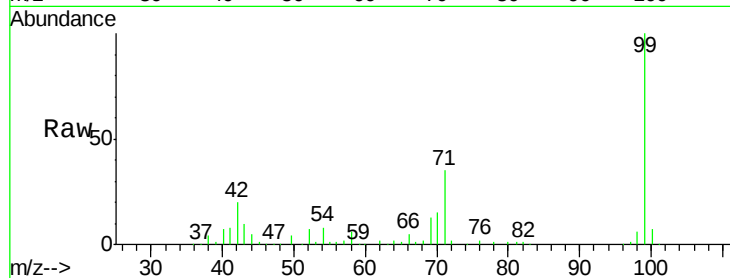
ClientSampleId :

SB-1(0-2)

Tot Ion:	99	Resp:	249478
Ion Ratio	Lower	Upper	
99	100		
42	20.3	14.5	21.7
71	35.1	25.4	38.0

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#10

Phenol

Concen: 2.898 ng

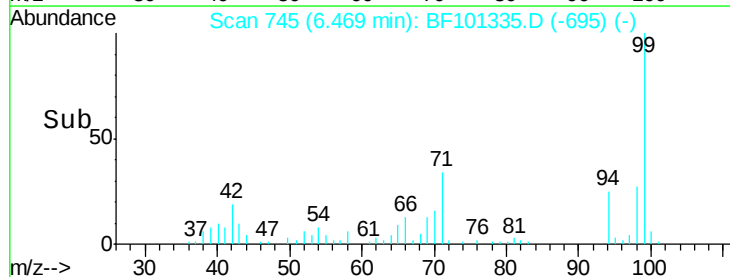
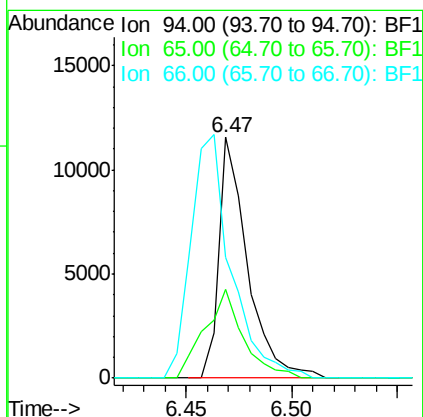
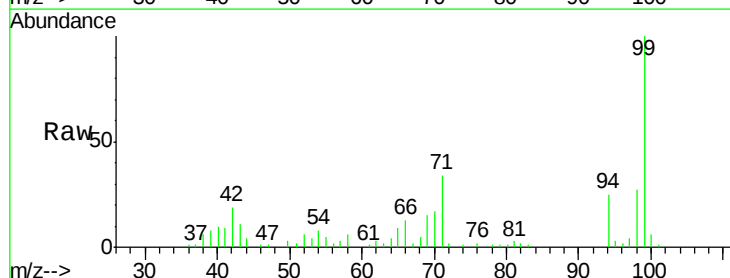
RT: 6.47 min Scan# 745

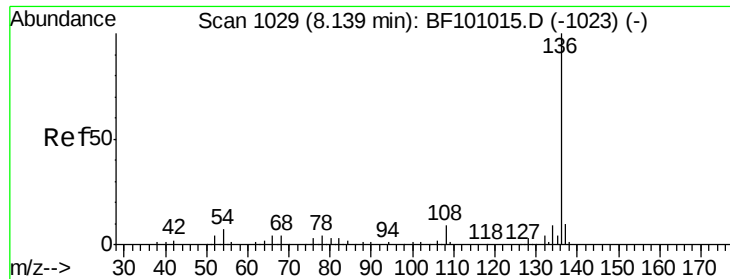
Delta R.T. -0.01 min

Lab File: BF101335.D

Acq: 12 Dec 2017 17:43

Tgt Ion:	94	Resp:	10856
Ion Ratio	Lower	Upper	
94	100		
65	36.8	7.9	47.9
66	50.3	16.2	56.2





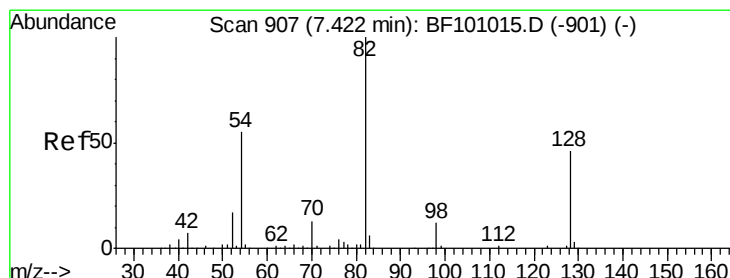
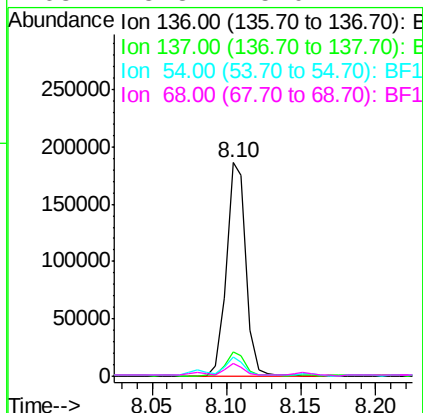
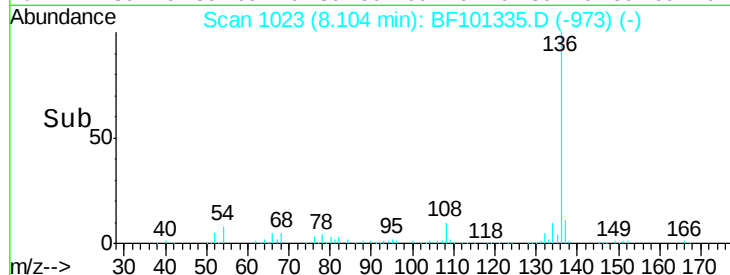
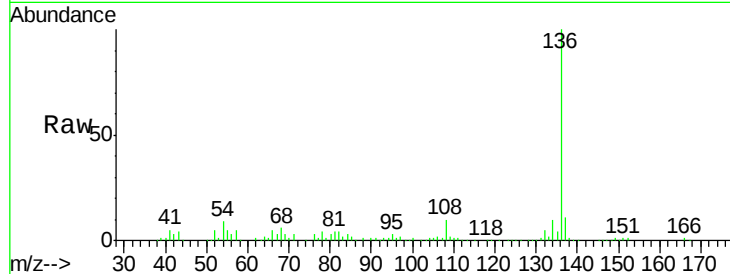
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF101335.D
Acq: 12 Dec 2017 17:43

Instrument :
BNA_F
ClientSampled :
SB-1(0-2)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		173753		
137	11.4	8.9	13.3		
54	8.7	6.6	9.8		
68	5.8	5.0	7.4		

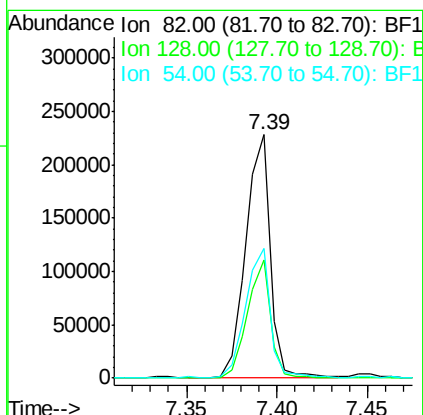
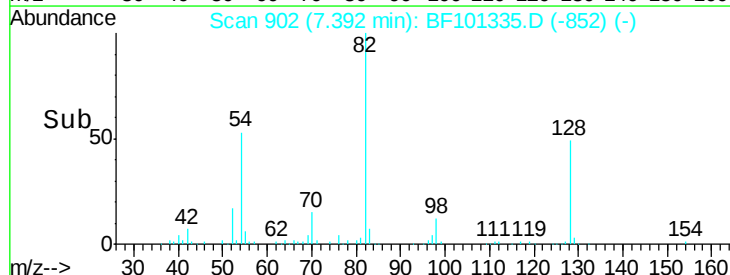
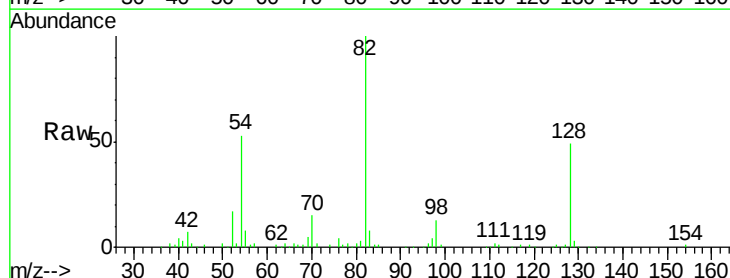
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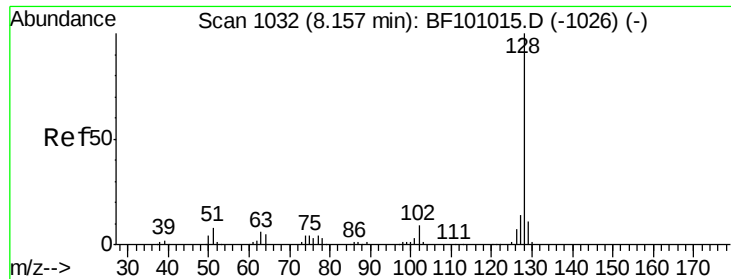
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#23
Nitrobenzene-d5
Concen: 73.052 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF101335.D
Acq: 12 Dec 2017 17:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		212781		
128	48.5	36.1	54.1		
54	53.2	41.4	62.2		





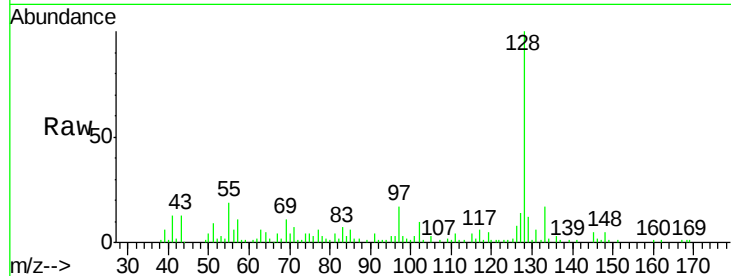
#31
Naphthalene
Concen: 7.121 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101335.D
Acq: 12 Dec 2017 17:43

Instrument :
BNA_F
ClientSampled :
SB-1(0-2)

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.2	8.8	13.2
127	13.7	10.9	16.3

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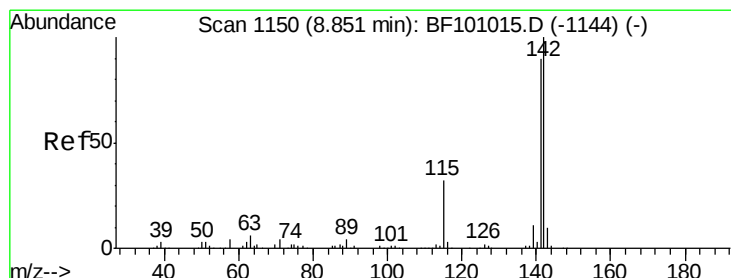
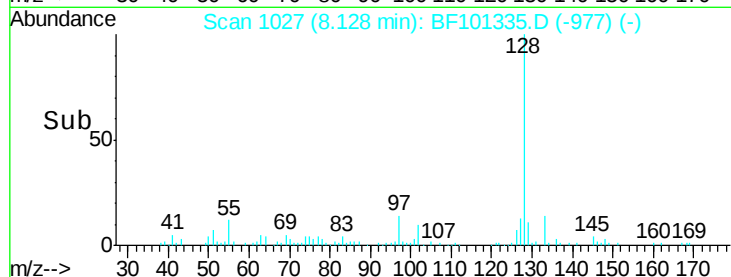
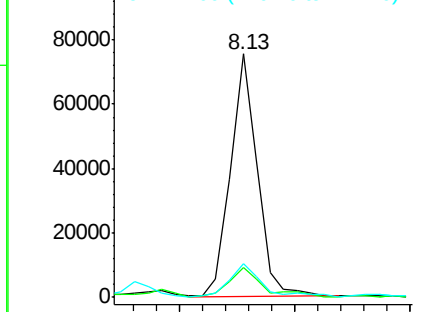


Abundance

Ion 128.00 (127.70 to 128.70): E

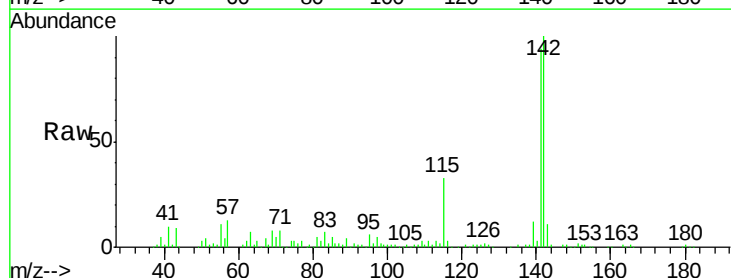
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37
2-Methylnaphthalene
Concen: 19.066 ng
RT: 8.82 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BF101335.D
Acq: 12 Dec 2017 17:43

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.4	70.8	106.2
115	33.3	26.1	39.1

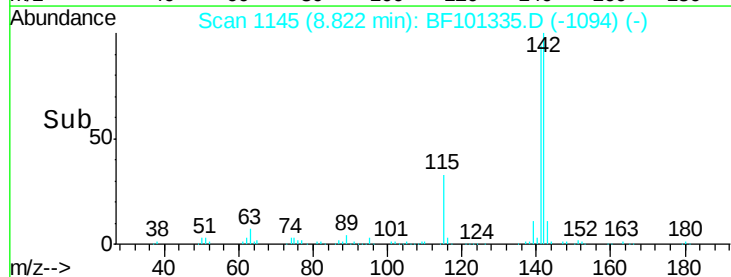
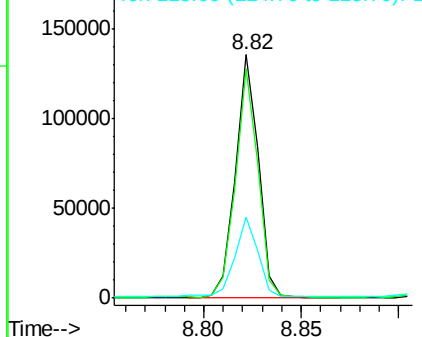


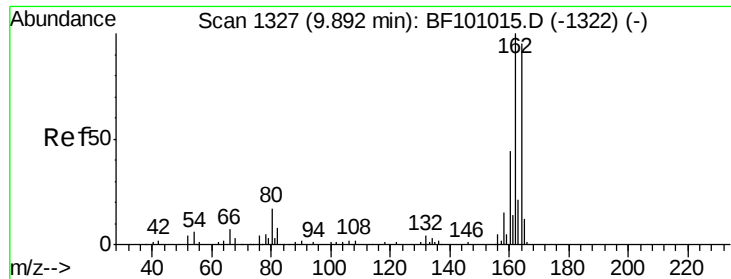
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





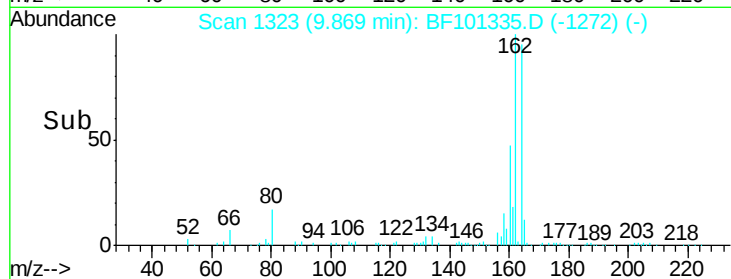
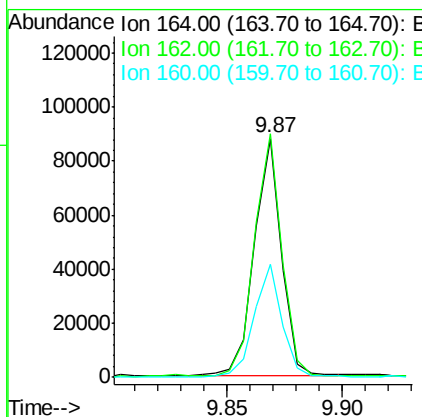
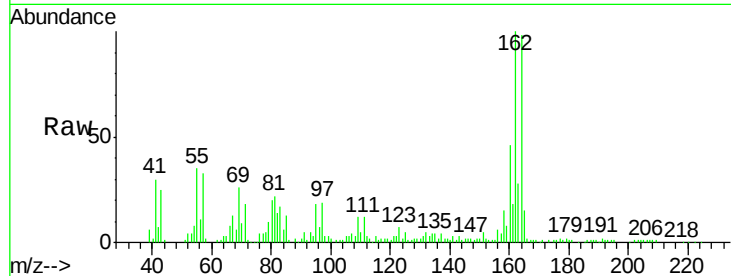
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: BF101335.D
 Acq: 12 Dec 2017 17:43

Instrument :
 BNA_F
 ClientSampled :
 SB-1(0-2)

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.9	86.1	129.1
160	47.2	38.3	57.5

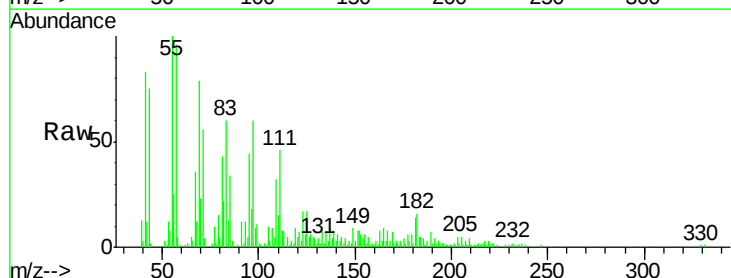
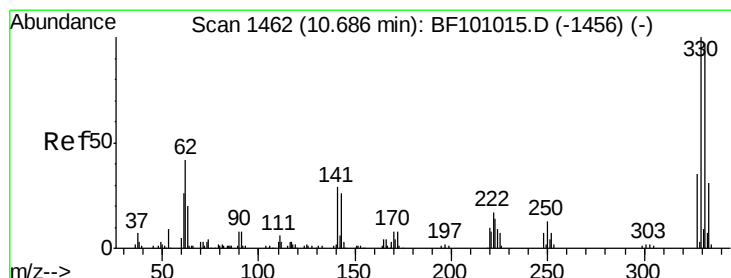
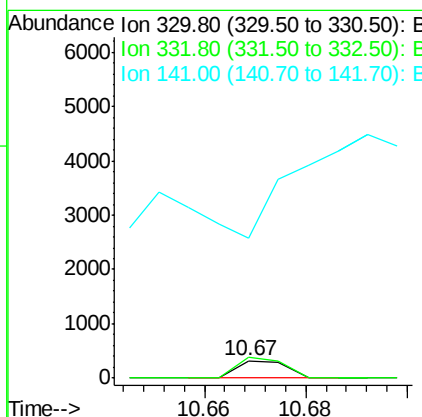
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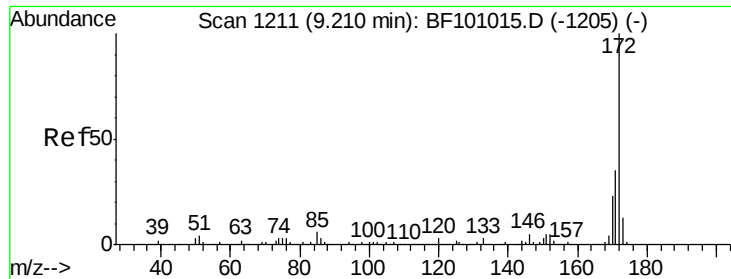
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#41
 2,4,6-Tribromophenol
 Concen: 0.250 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. 0.01 min
 Lab File: BF101335.D
 Acq: 12 Dec 2017 17:43

Tgt Ion	Ratio	Lower	Upper
330	100		
332	112.3	77.0	115.6
141	0.0	29.9	44.9#





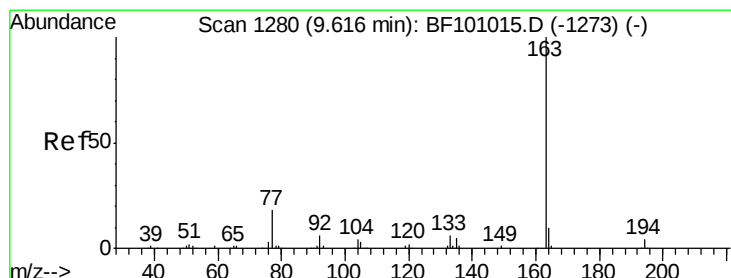
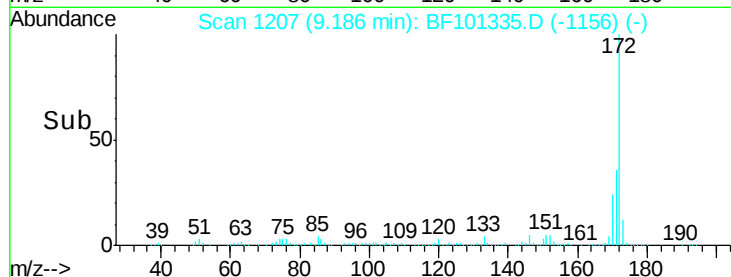
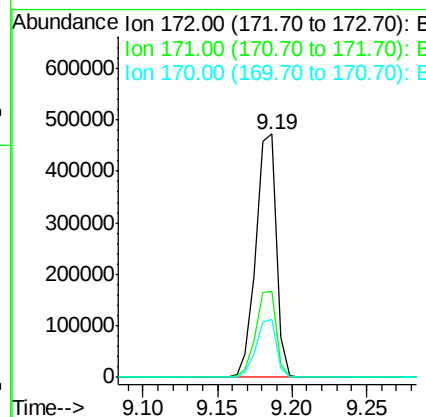
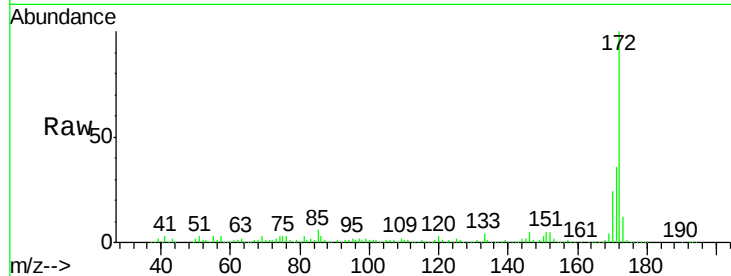
#44
2-Fluorobiphenyl
Concen: 83.641 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BF101335.D
Acq: 12 Dec 2017 17:43

Instrument :
BNA_F
ClientSampleId :
SB-1(0-2)

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.9	19.6	29.4

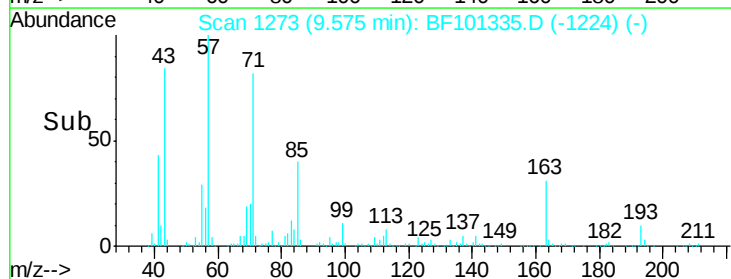
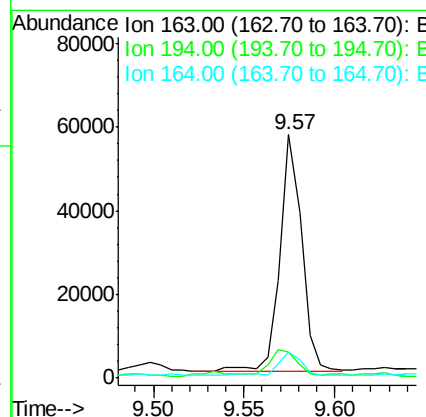
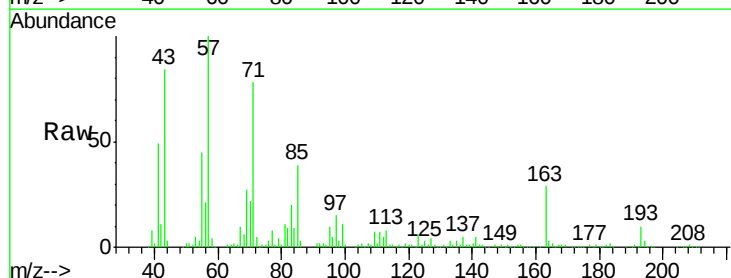
Manual Integrations
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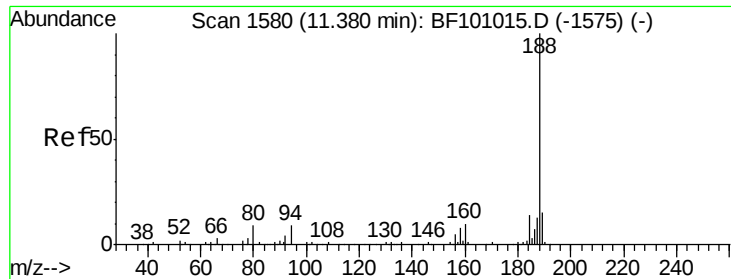
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#49
Dimethylphthalate
Concen: 8.100 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF101335.D
Acq: 12 Dec 2017 17:43

Tgt Ion	Ratio	Lower	Upper
163	100		
194	10.9	2.7	4.1#
164	10.9	8.2	12.2





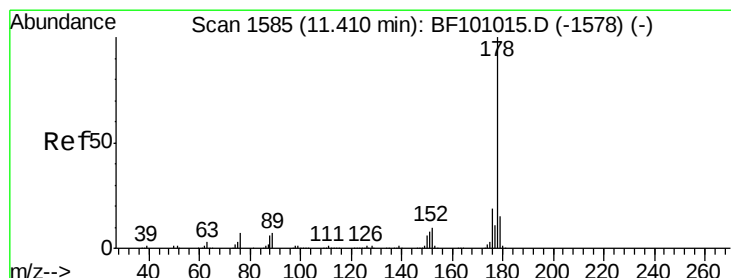
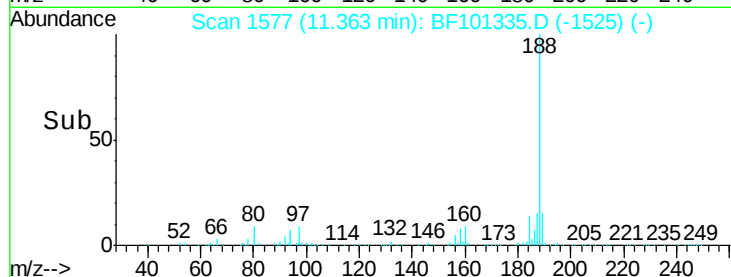
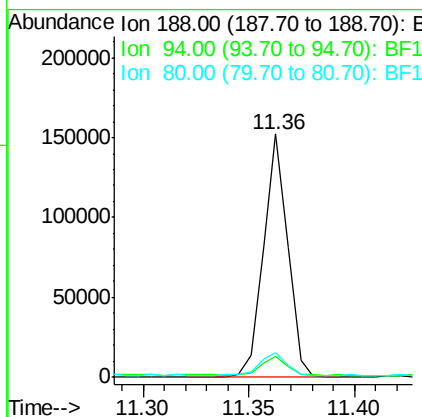
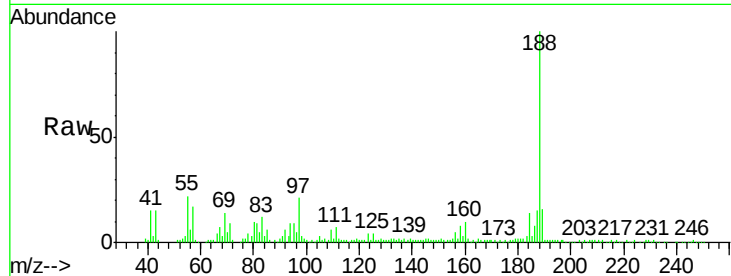
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.01 min
Lab File: BF101335.D
Acq: 12 Dec 2017 17:43

Instrument :
BNA_F
ClientSampleId :
SB-1(0-2)

Tot Ion:	188	Resp:	120762
Ion Ratio	Lower	Upper	
188	100		
94	8.5	8.5	12.7
80	10.1	9.2	13.8

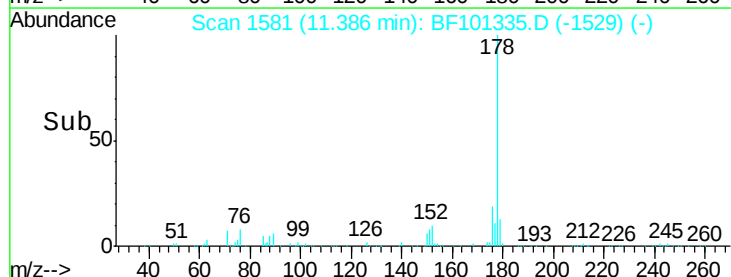
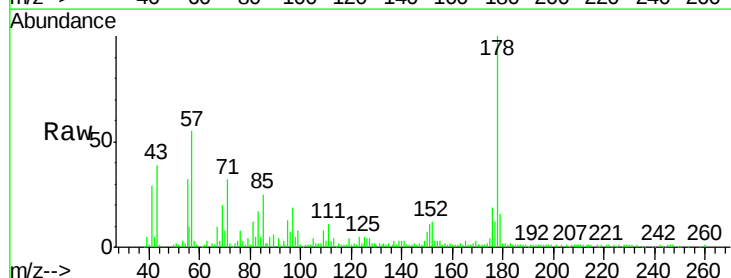
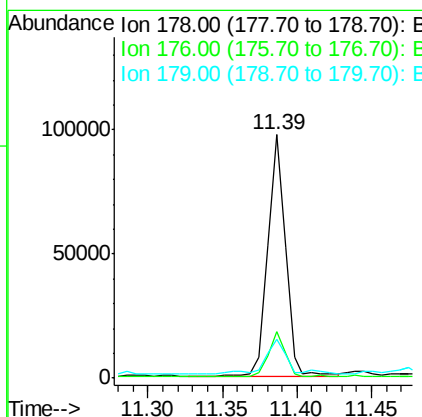
Manual Integrations
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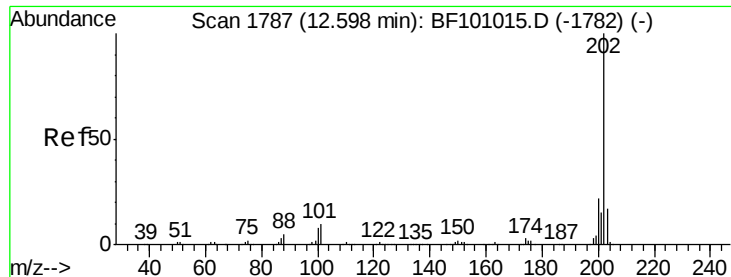
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12/13/2017 12:07:38 PM



#70
Phenanthrene
Concen: 11.918 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.01 min
Lab File: BF101335.D
Acq: 12 Dec 2017 17:43

Tgt Ion:	178	Resp:	79258
Ion Ratio	Lower	Upper	
178	100		
176	19.0	15.8	23.8
179	15.9	13.0	19.6





#74

Fluoranthene

Concen: 3.330 ng

RT: 12.57 min Scan# 1783

Delta R.T. 0.01 min

Lab File: BF101335.D

Acq: 12 Dec 2017 17:43

Instrument :

BNA_F

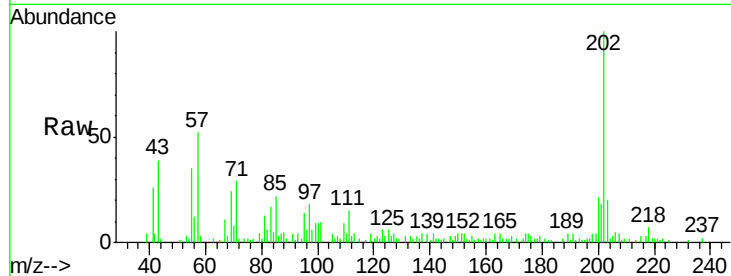
ClientSampleId :

SB-1(0-2)

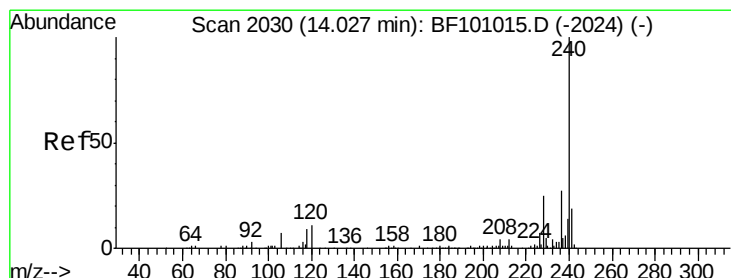
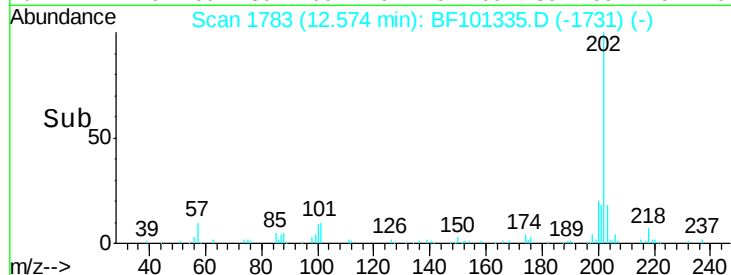
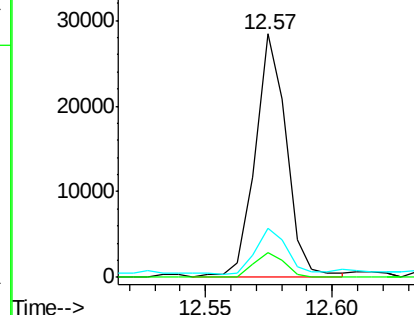
Tot Ion:	202	Resp:	24546
Ion Ratio	Lower	Upper	
202	100		
101	10.2	0.0	34.1
203	20.0	0.0	38.1

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.01 min Scan# 2027

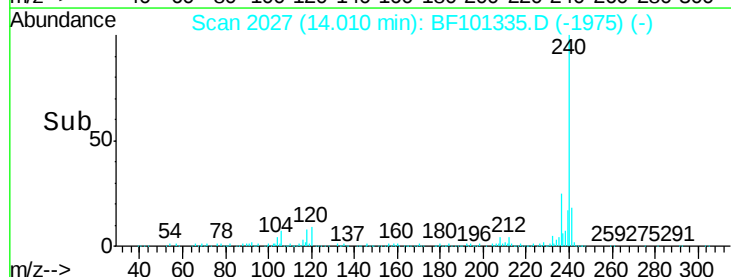
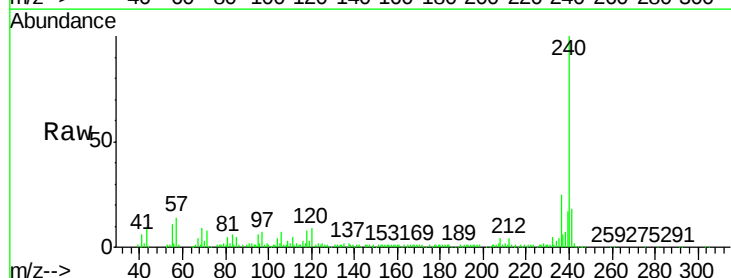
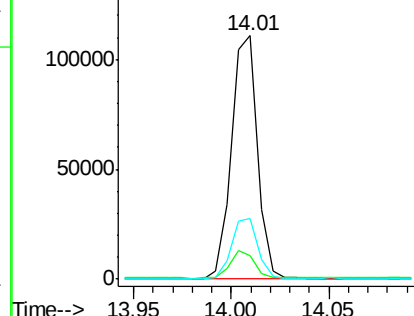
Delta R.T. 0.01 min

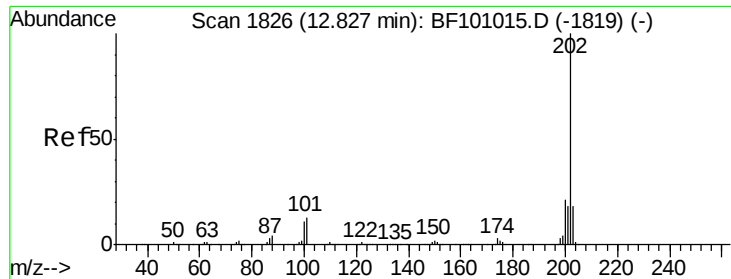
Lab File: BF101335.D

Acq: 12 Dec 2017 17:43

Tgt Ion:	240	Resp:	102439
Ion Ratio	Lower	Upper	
240	100		
120	9.4	9.5	14.3#
236	25.0	20.7	31.1

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





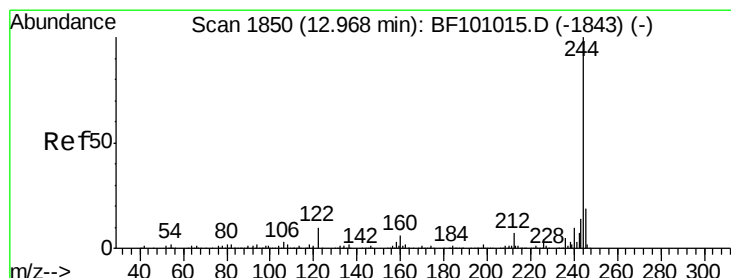
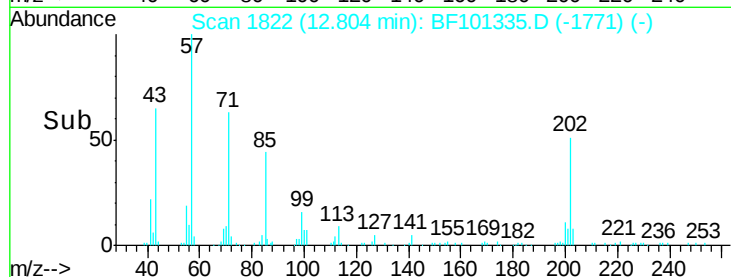
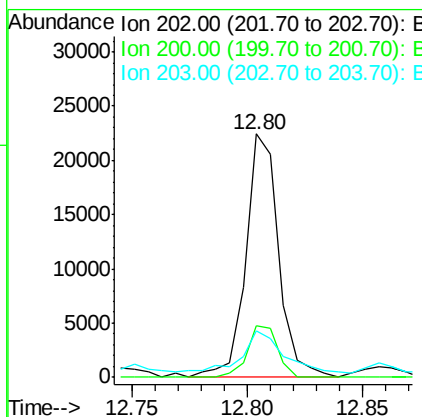
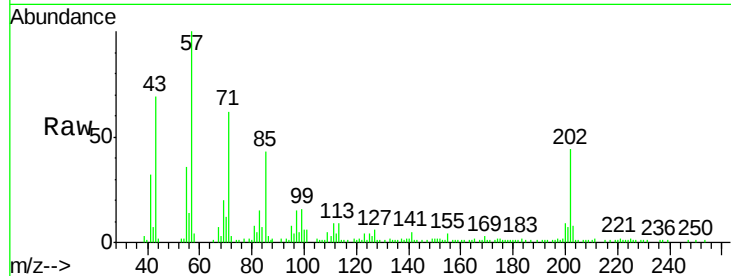
#77
Pvrene
Concen: 3.165 ng
RT: 12.80 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BF101335.D
Acq: 12 Dec 2017 17:43

Instrument :
BNA_F
ClientSampleId :
SB-1(0-2)

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	19.0	14.3	21.5

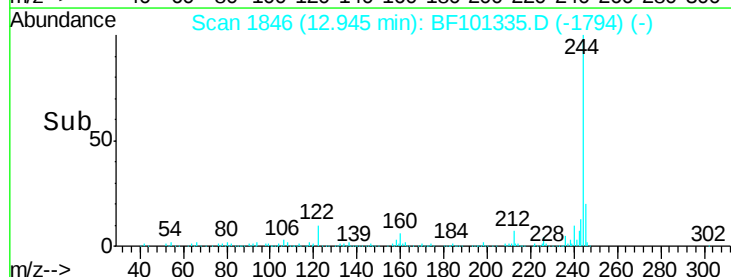
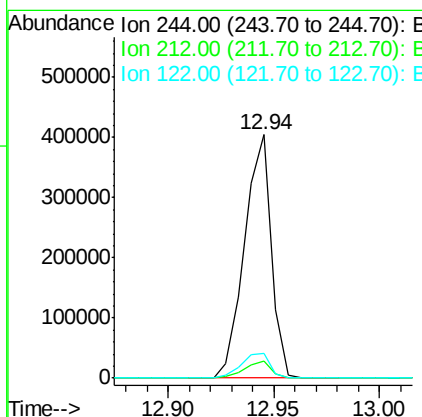
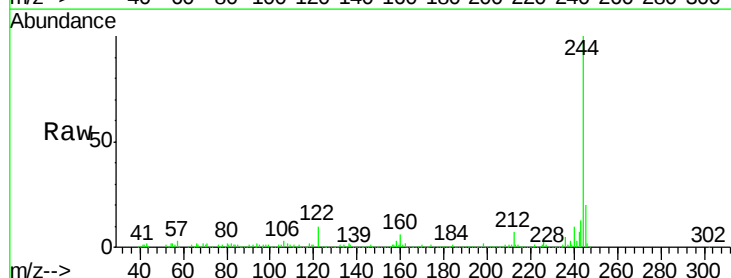
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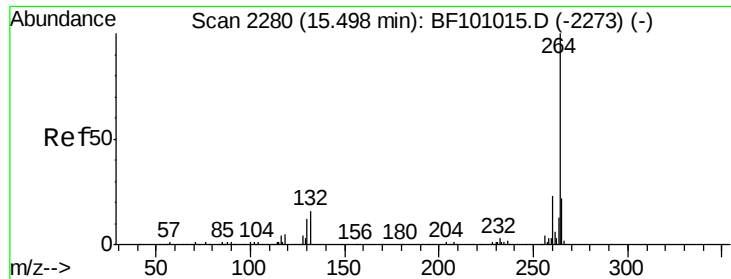
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#78
Terphenyl-d14
Concen: 75.932 ng
RT: 12.94 min Scan# 1846
Delta R.T. 0.01 min
Lab File: BF101335.D
Acq: 12 Dec 2017 17:43

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	10.2	11.0	16.4#





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2278

Delta R.T. 0.02 min

Lab File: BF101335.D

Acq: 12 Dec 2017 17:43

Instrument :

BNA_F

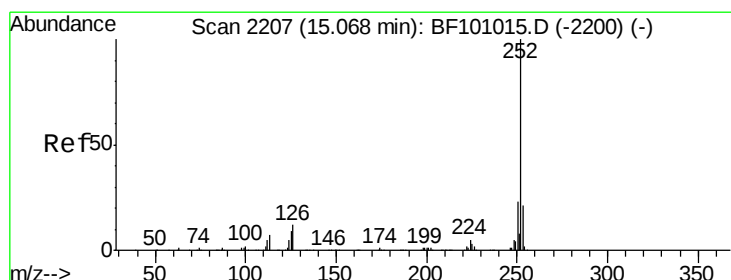
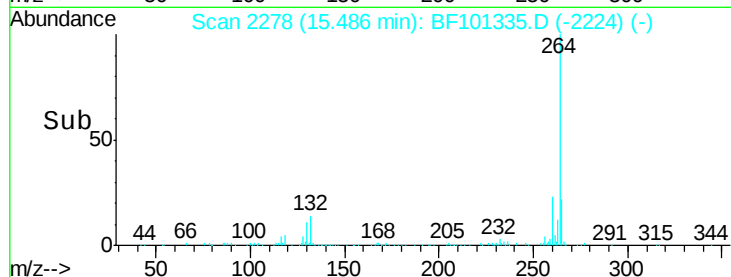
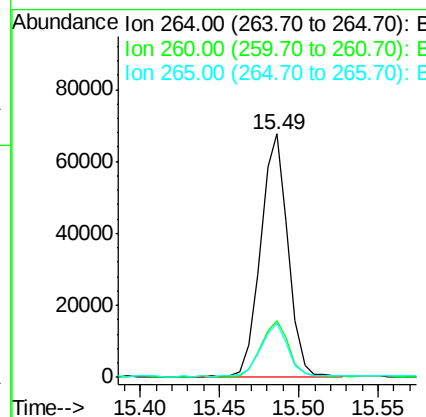
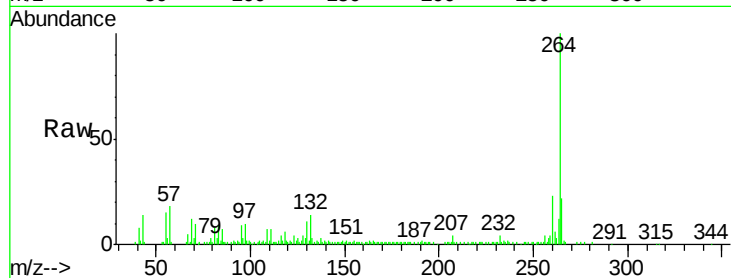
ClientSampleId :

SB-1(0-2)

Tot Ion:	264	Resp:	81615
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.2	28.8
265	22.1	17.5	26.3

Manual Integrations
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#87

Benzo(b)fluoranthene

Concen: 2.418 ng m

RT: 15.05 min Scan# 2204

Delta R.T. 0.01 min

Lab File: BF101335.D

Acq: 12 Dec 2017 17:43

Tgt Ion:	252	Resp:	11818
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.0	25.6
125	43.0	9.0	13.6#

