

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
 Data File : BF101707.D
 Acq On : 26 Dec 2017 11:30
 Operator : SJ/JU
 Sample : I6848-03DL 20X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-9871-01DL

Manual Integrations
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Quant Time: Dec 26 12:00:53 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	124580	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	505880	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	239137	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	484193	20.00	ng	0.00
75) Chrysene-d12	13.96	240	427348	20.00	ng	0.00
86) Perylene-d12	15.43	264	355854	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	68217m	8.16	ng	0.05
7) Phenol-d6	6.43	99	76590	7.36	ng	0.00
23) Nitrobenzene-d5	7.37	82	56216	6.19	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	20109	8.73	ng	0.01
44) 2-Fluorobiphenyl	9.15	172	119207	7.73	ng	0.00
78) Terphenyl-d14	12.89	244	146825	8.28	ng	0.00
Target Compounds						
3) Pyridine	3.25	79	515301	43.158	ng	Qvalue 97
10) Phenol	6.45	94	348730	29.395	ng	98
17) 2-Methylphenol	7.06	107	54938	6.789	ng	98
20) 3+4-Methylphenols	7.22	107	209006	24.372	ng	89
27) 2,4-Dimethylphenol	7.77	122	33574	4.574	ng	# 85
31) Naphthalene	8.09	128	54318	2.133	ng	# 95
72) Carbazole	11.56	167	91998	3.573	ng	96

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

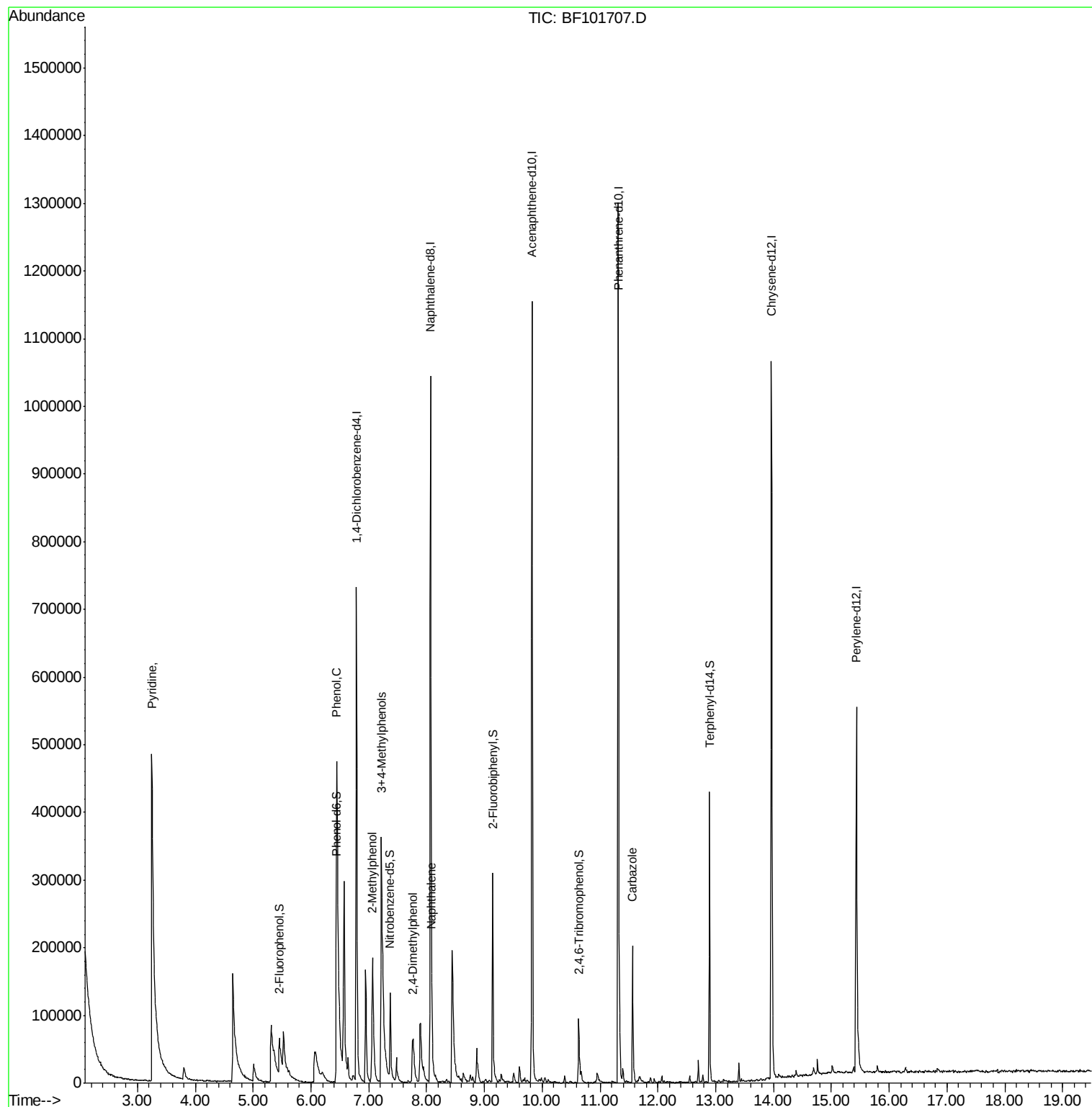
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
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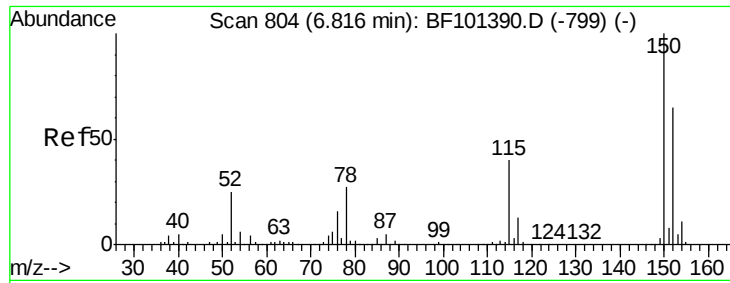
Instrument :
BNA_F
ClientSampleId :
WC-9871-01DL

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Quant Time: Dec 26 12:00:53 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





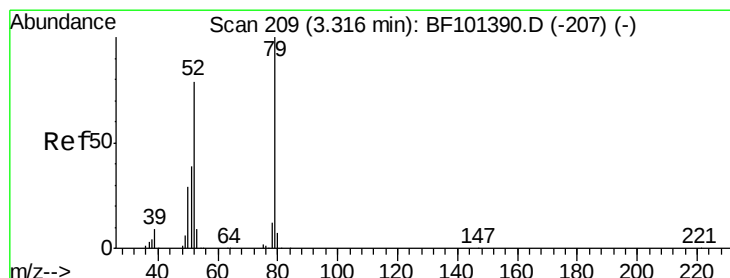
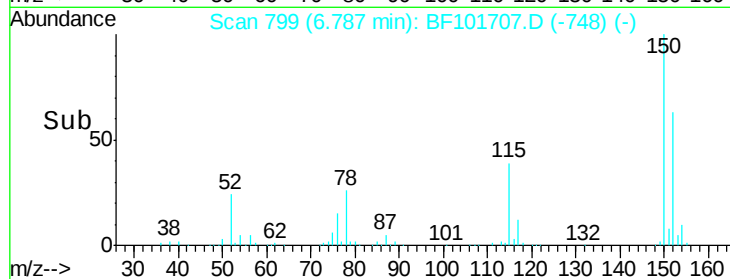
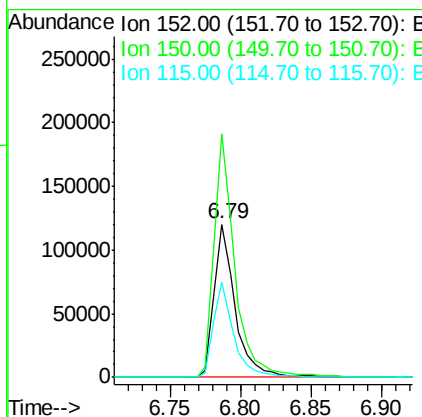
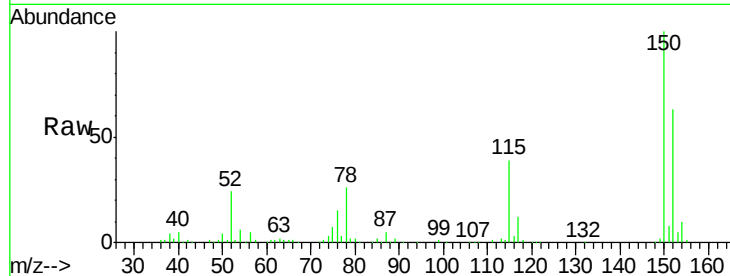
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF101707.D
Acq: 26 Dec 2017 11:30

Instrument :
BNA_F
ClientSampleId :
WC-9871-01DL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.4	124.6	186.8
115	62.2	50.1	75.1

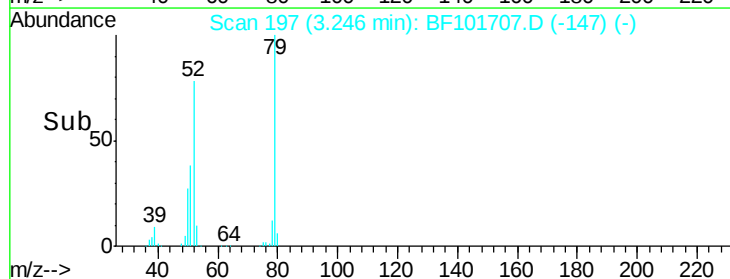
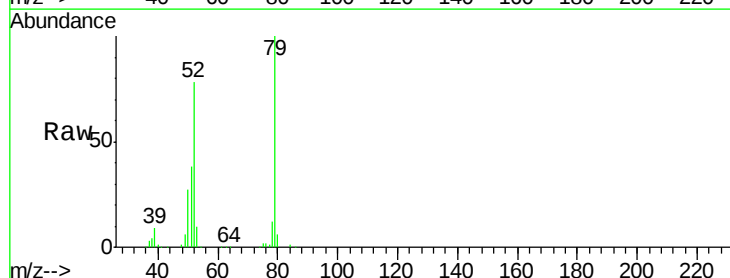
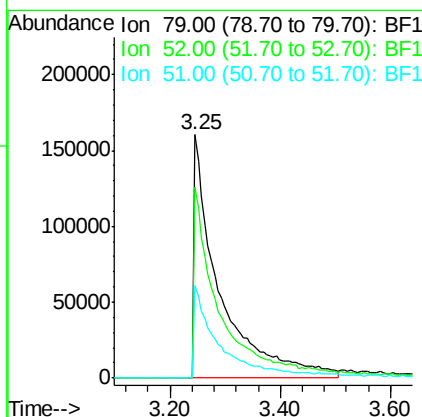
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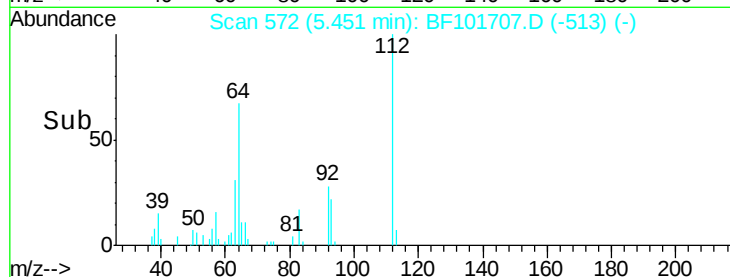
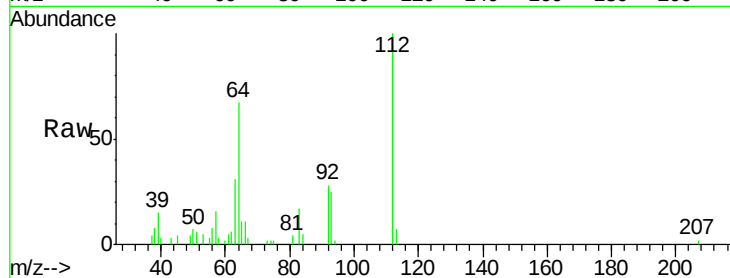
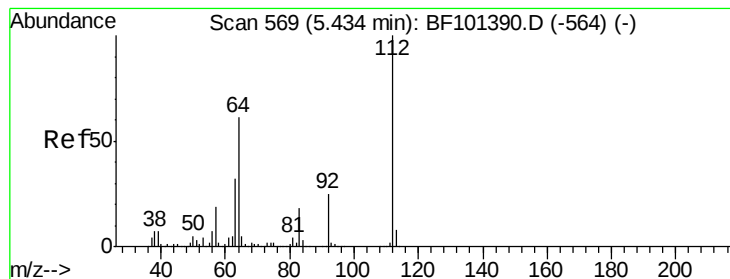
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#3
Pyridine
Concen: 43.158 ng
RT: 3.25 min Scan# 197
Delta R.T. -0.01 min
Lab File: BF101707.D
Acq: 26 Dec 2017 11:30

Tgt Ion	Ratio	Lower	Upper
79	100		
52	78.5	59.8	89.6
51	38.0	29.8	44.8





#5

2-Fluorophenol

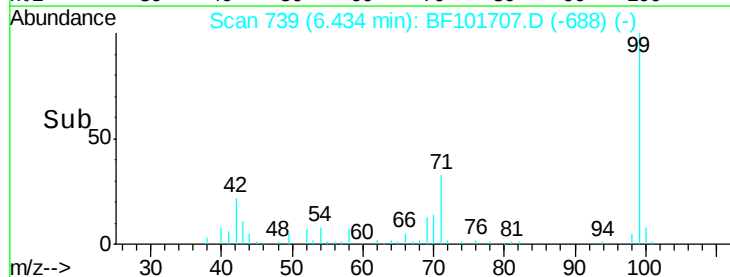
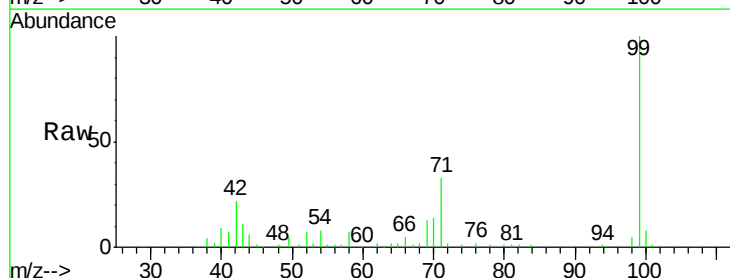
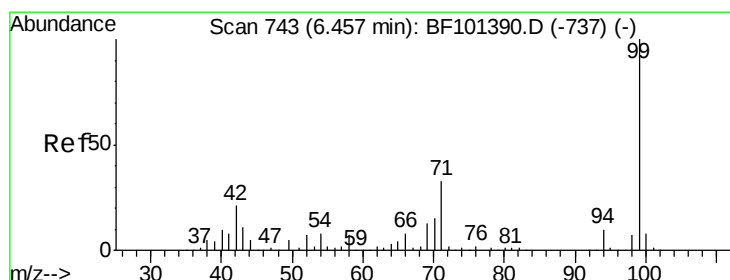
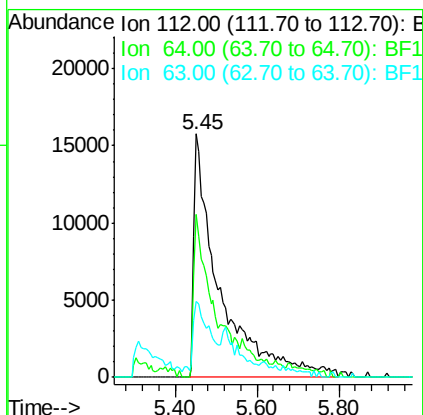
Concen: 8.157 ng m
RT: 5.45 min Scan# 572
Delta R.T. 0.05 min
Lab File: BF101707.D
Acq: 26 Dec 2017 11:30

Instrument :
BNA_F
ClientSampleId :
WC-9871-01DL

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	68217		
64	66.9	47.9	71.9	
63	31.1	23.7	35.5	

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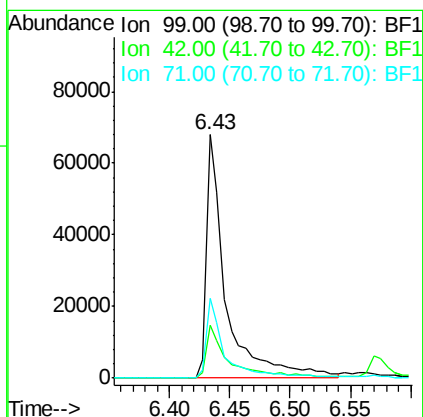


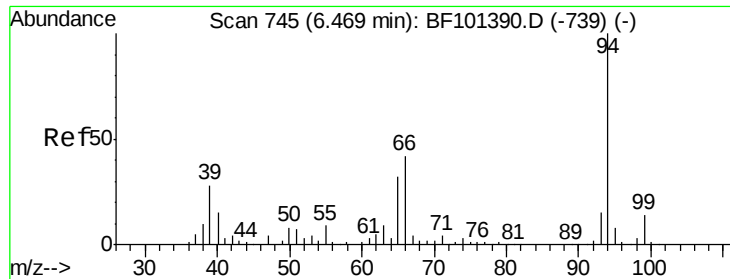
#7

Phenol-d6

Concen: 7.358 ng
RT: 6.43 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF101707.D
Acq: 26 Dec 2017 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	76590		
42	21.7	14.5	21.7#	
71	32.6	25.4	38.0	





#10

Phenol

Concen: 29.395 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF101707.D

Acq: 26 Dec 2017 11:30

Instrument :

BNA_F

ClientSampleId :

WC-9871-01DL

Tgt Ion: 94 Resp: 348730

Ion Ratio Lower Upper

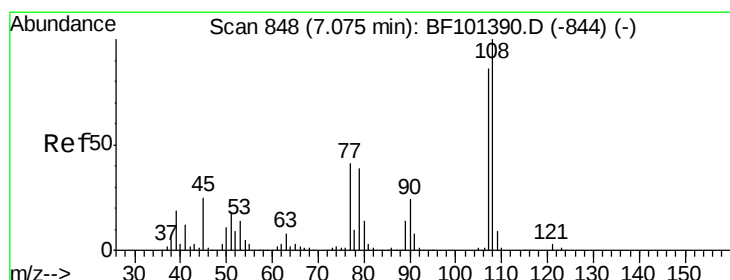
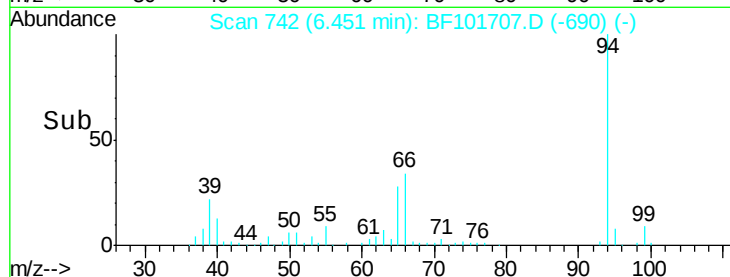
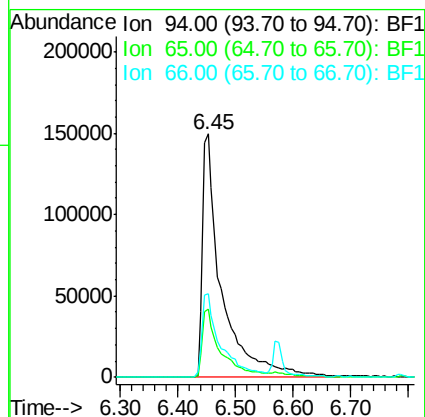
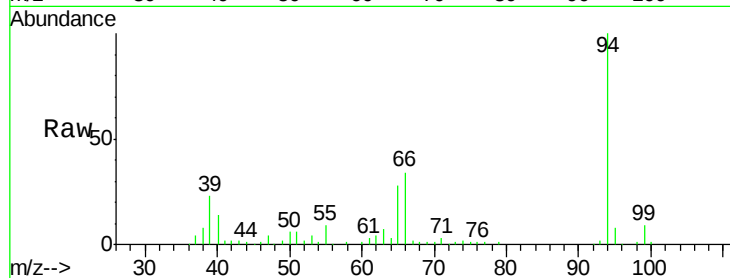
94 100

65 28.0 7.9 47.9

66 34.3 16.2 56.2

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#17

2-Methylphenol

Concen: 6.789 ng

RT: 7.06 min Scan# 846

Delta R.T. 0.01 min

Lab File: BF101707.D

Acq: 26 Dec 2017 11:30

Tgt Ion: 107 Resp: 54938

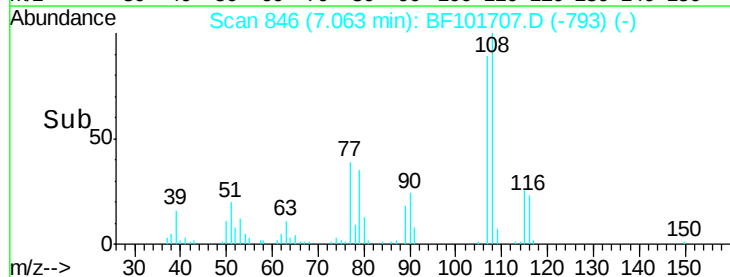
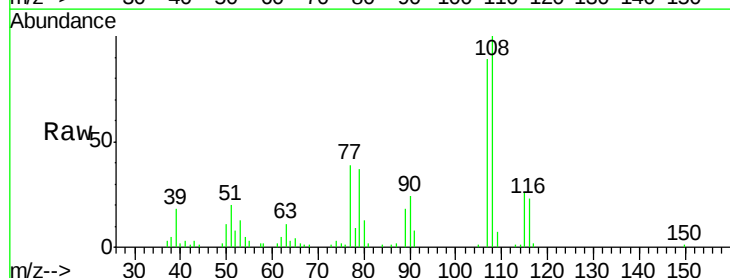
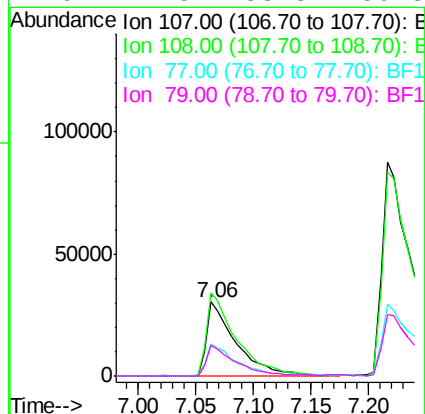
Ion Ratio Lower Upper

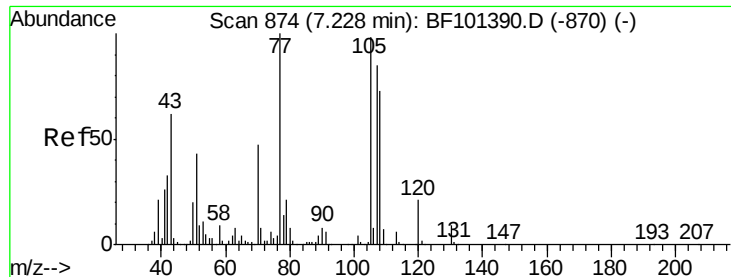
107 100

108 111.9 91.7 137.5

77 44.1 33.8 50.8

79 41.5 33.8 50.8





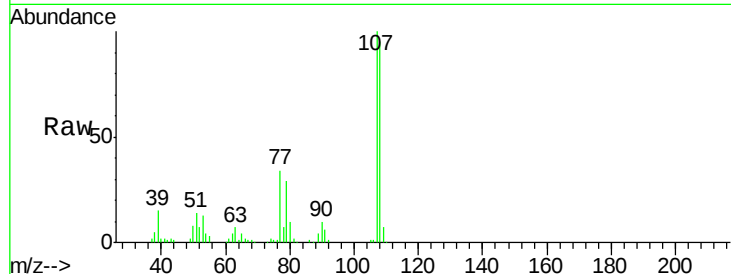
#20
3+4-Methylphenols
Concen: 24.372 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF101707.D
Acq: 26 Dec 2017 11:30

Instrument :
BNA_F
ClientSampleId :
WC-9871-01DL

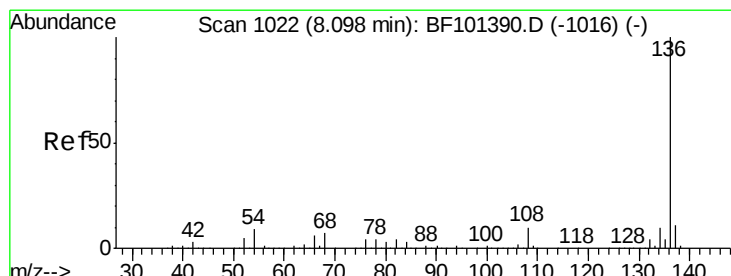
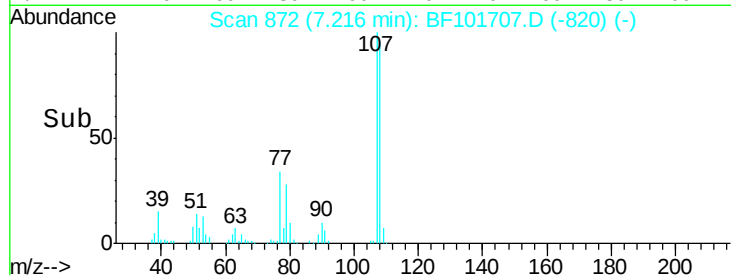
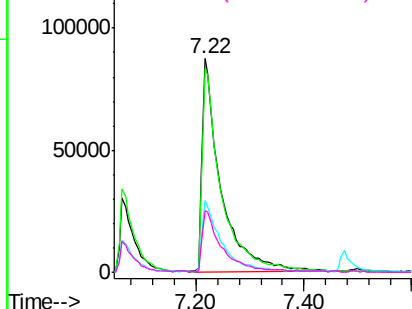
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	209006		
108	95.2	68.2	108.2	
77	33.5	26.7	66.7	
79	28.8	6.3	46.3	

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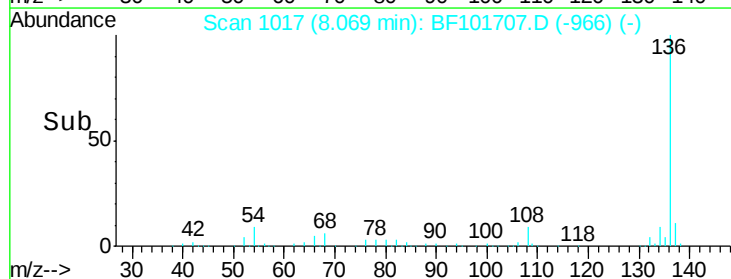
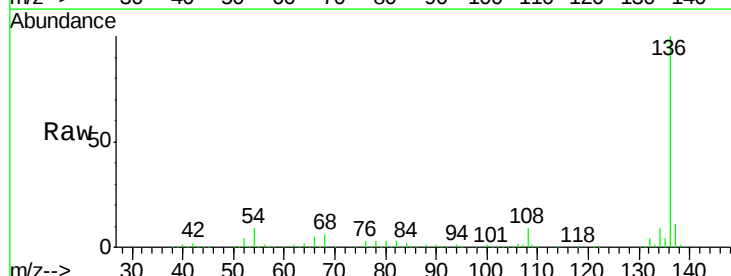
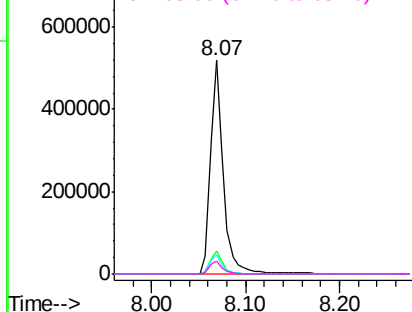
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Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

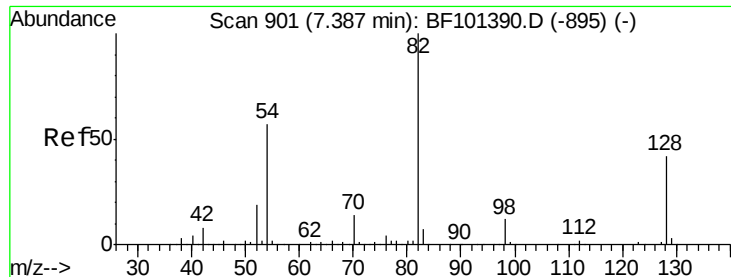


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF101707.D
Acq: 26 Dec 2017 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	505880		
137	11.0	8.9	13.3	
54	8.8	6.6	9.8	
68	6.2	5.0	7.4	

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





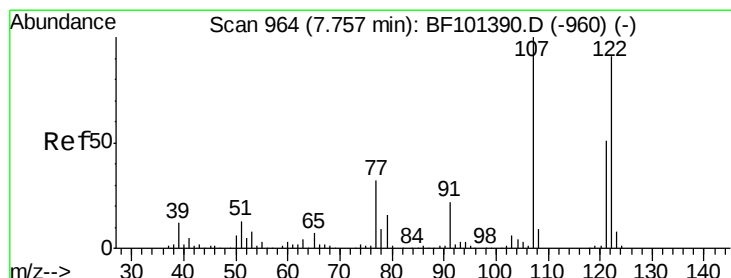
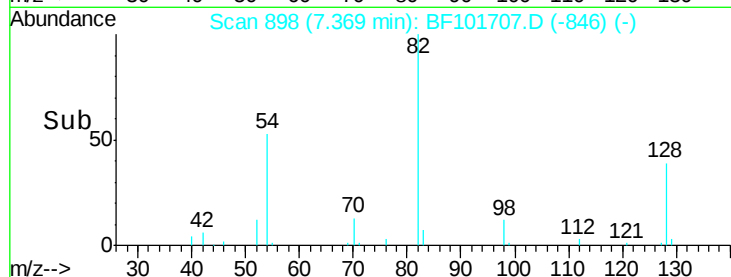
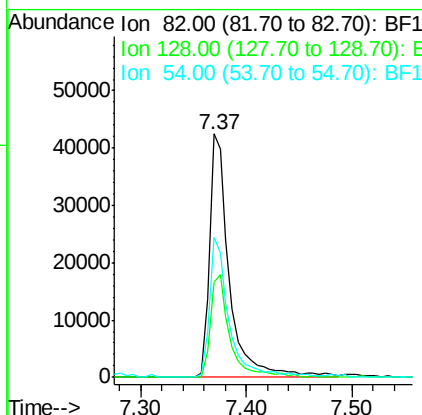
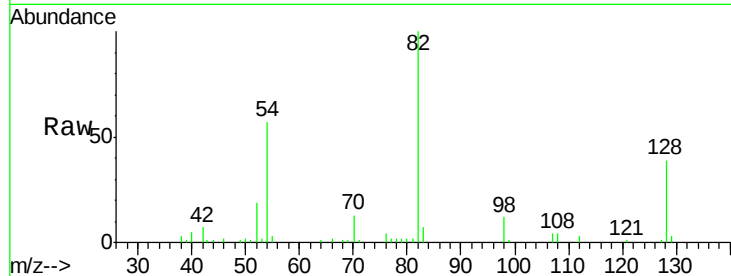
#23
 Nitrobenzene-d5
 Concen: 6.186 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.01 min
 Lab File: BF101707.D
 Acq: 26 Dec 2017 11:30

Instrument :
 BNA_F
 ClientSampleId :
 WC-9871-01DL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.1	36.1	54.1
54	57.4	41.4	62.2

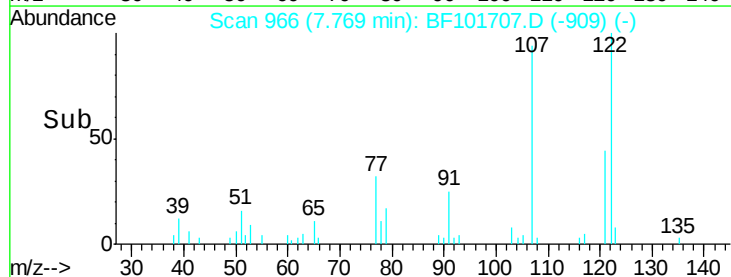
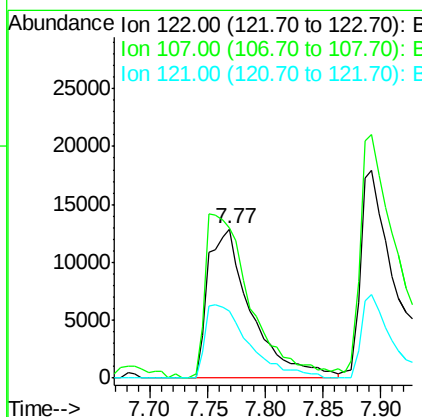
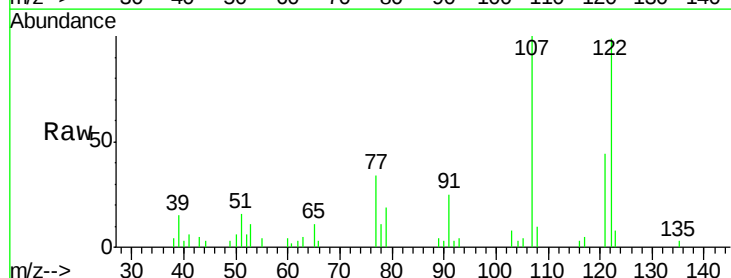
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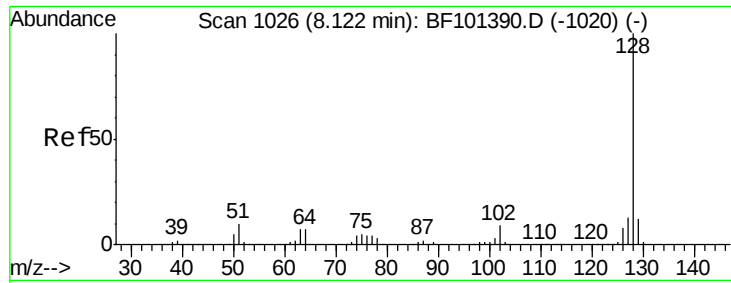
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#27
 2,4-Dimethylphenol
 Concen: 4.574 ng
 RT: 7.77 min Scan# 966
 Delta R.T. 0.04 min
 Lab File: BF101707.D
 Acq: 26 Dec 2017 11:30

Tgt Ion	Ratio	Lower	Upper
122	100		
107	100.7	91.2	136.8
121	44.5	47.2	70.8#





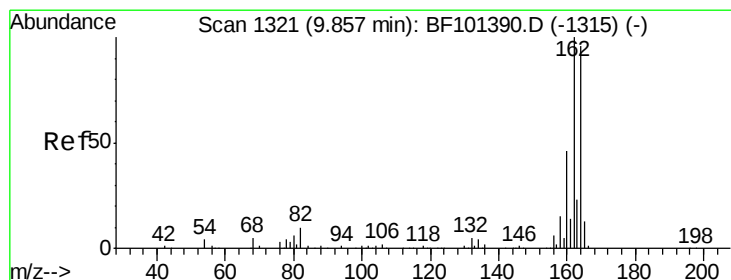
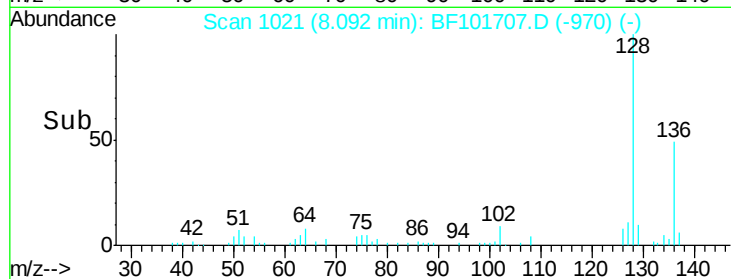
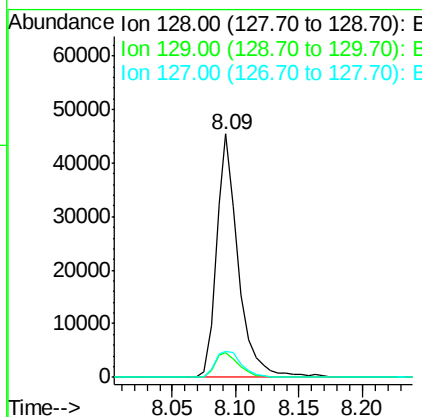
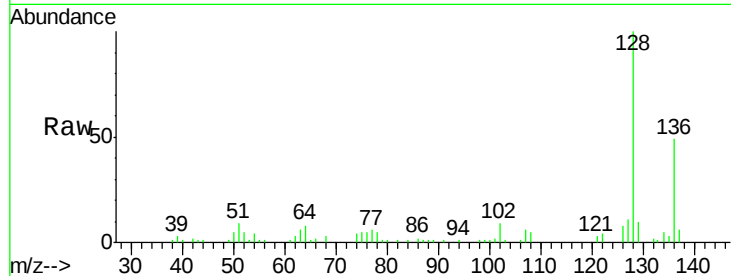
#31
Naphthalene
Concen: 2.133 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF101707.D
Acq: 26 Dec 2017 11:30

Instrument :
BNA_F
ClientSampleId :
WC-9871-01DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	10.2	8.8	13.2
127	10.5	10.9	16.3#

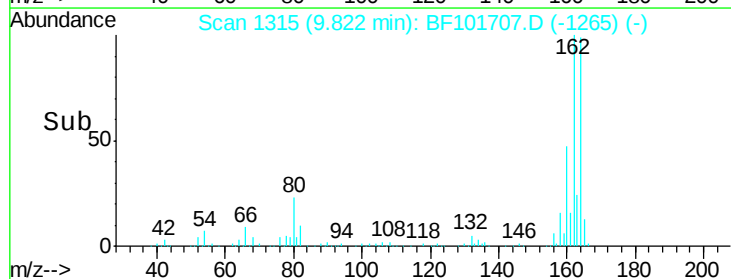
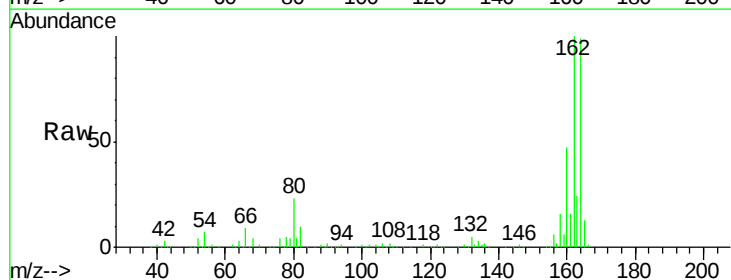
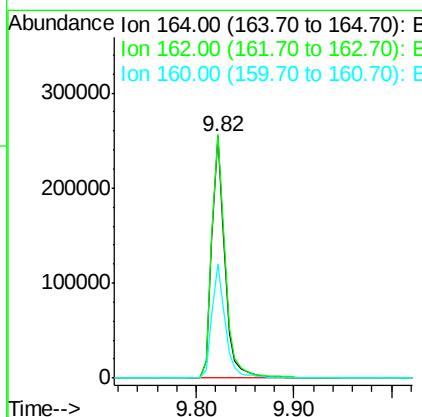
Manual Integrations
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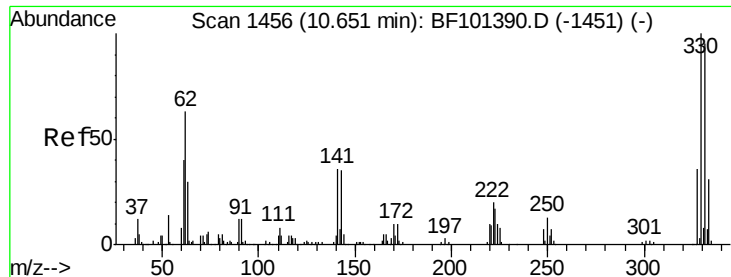
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF101707.D
Acq: 26 Dec 2017 11:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
162	100.7	86.1	129.1
160	47.3	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 8.727 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.01 min

Lab File: BF101707.D

Acq: 26 Dec 2017 11:30

Instrument :

BNA_F

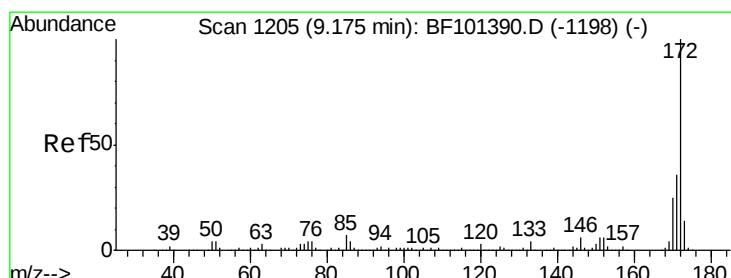
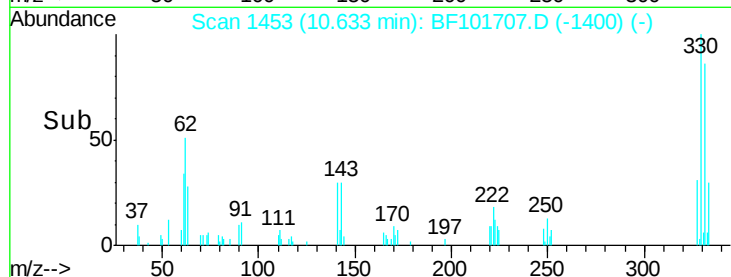
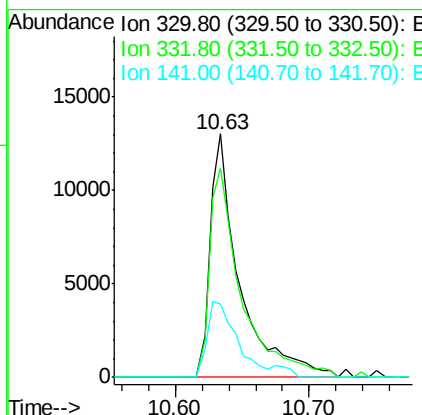
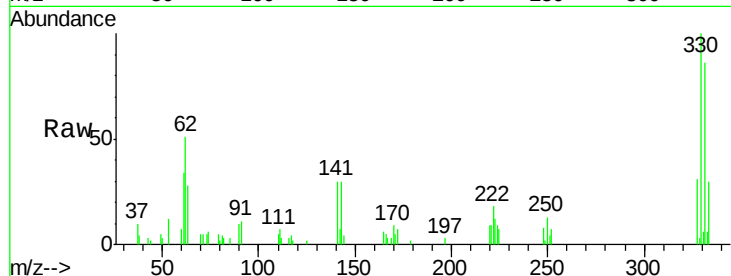
ClientSampleId :

WC-9871-01DL

Tgt Ion:	330	Resp:	20109
Ion Ratio	Lower	Upper	
330	100		
332	92.6	77.0	115.6
141	31.5	29.9	44.9

Manual Integrations
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#44

2-Fluorobiphenyl

Concen: 7.733 ng

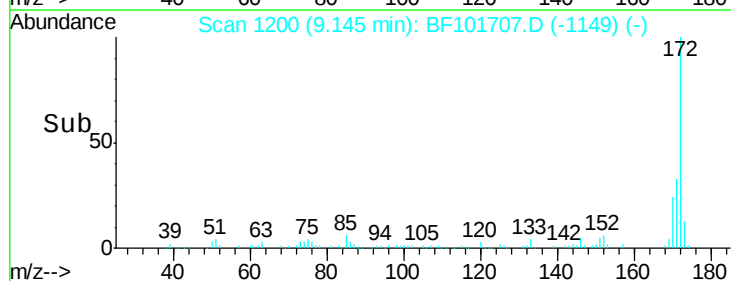
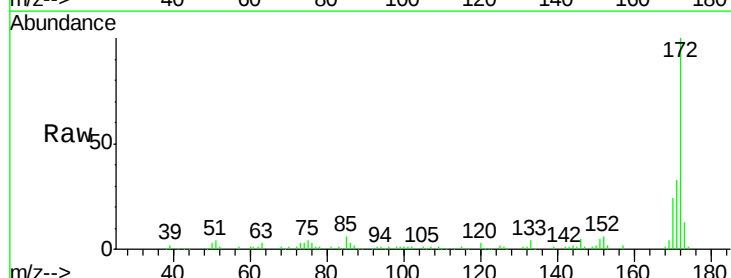
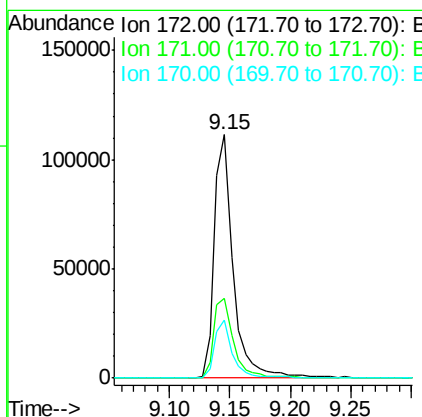
RT: 9.15 min Scan# 1200

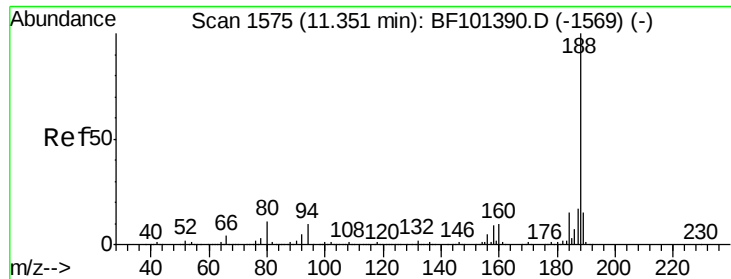
Delta R.T. 0.00 min

Lab File: BF101707.D

Acq: 26 Dec 2017 11:30

Tgt Ion:	172	Resp:	119207
Ion Ratio	Lower	Upper	
172	100		
171	32.6	29.7	44.5
170	23.8	19.6	29.4





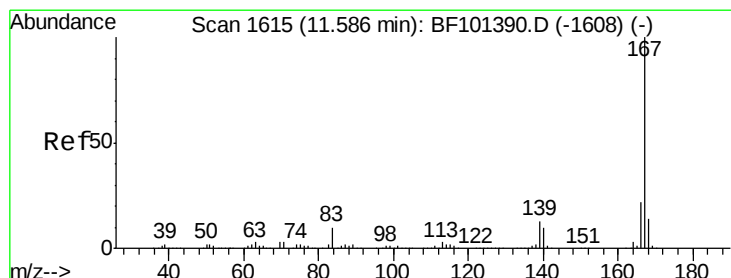
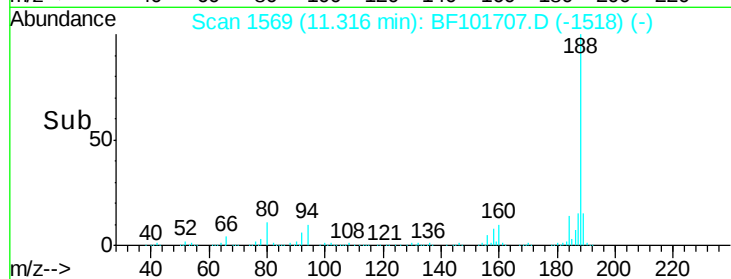
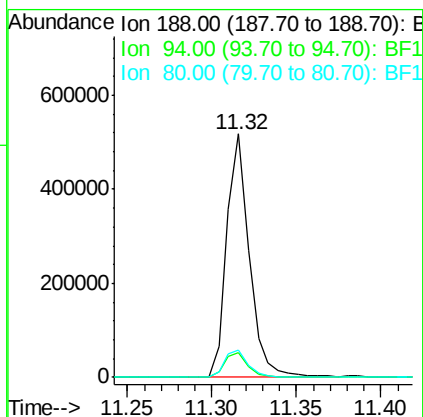
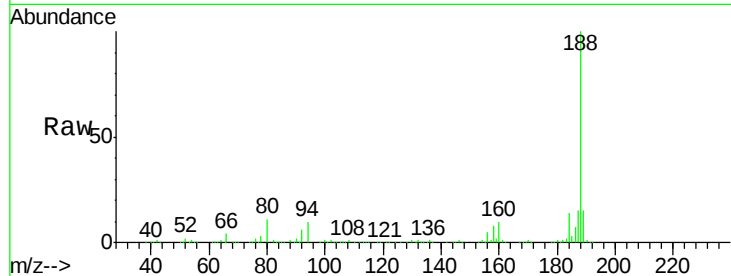
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF101707.D
Acq: 26 Dec 2017 11:30

Instrument :
BNA_F
ClientSampleId :
WC-9871-01DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.9	8.5	12.7
80	11.1	9.2	13.8

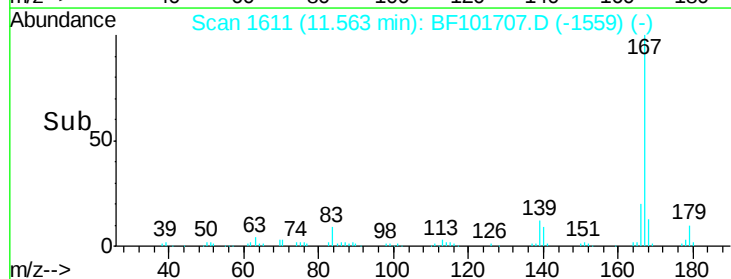
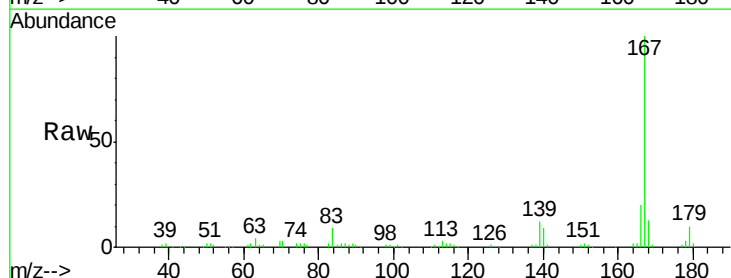
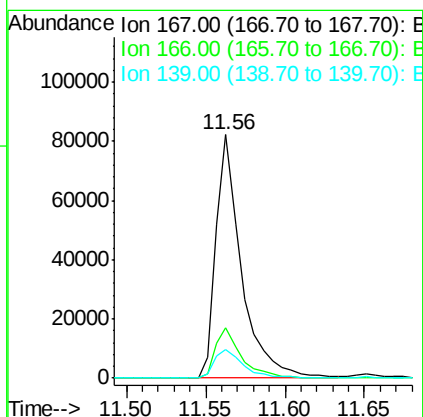
Manual Integrations
APPROVED

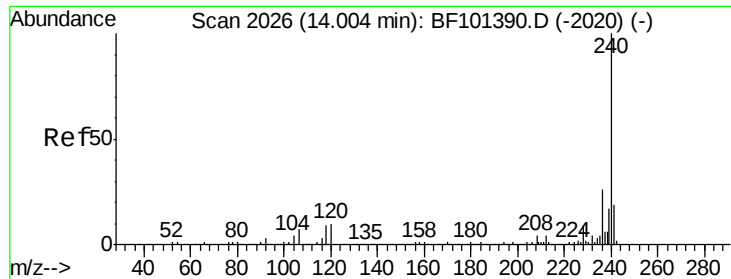
Sohil
12/27/2017 4:14:13 PM



#72
Carbazole
Concen: 3.573 ng
RT: 11.56 min Scan# 1611
Delta R.T. 0.01 min
Lab File: BF101707.D
Acq: 26 Dec 2017 11:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
167	100		
166	20.4	17.6	26.4
139	11.6	10.9	16.3





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF101707.D

Acq: 26 Dec 2017 11:30

Instrument :

BNA_F

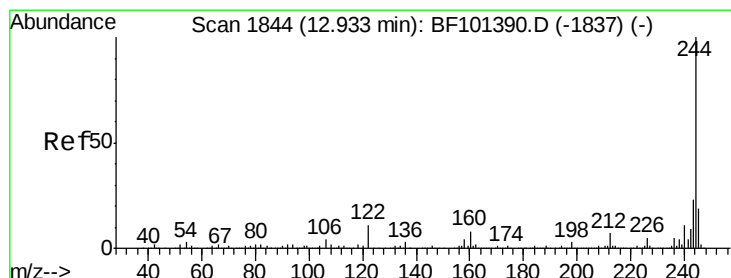
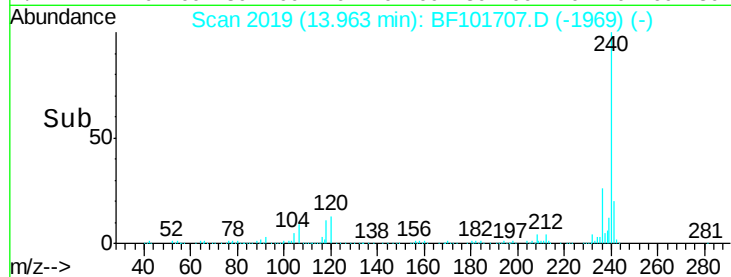
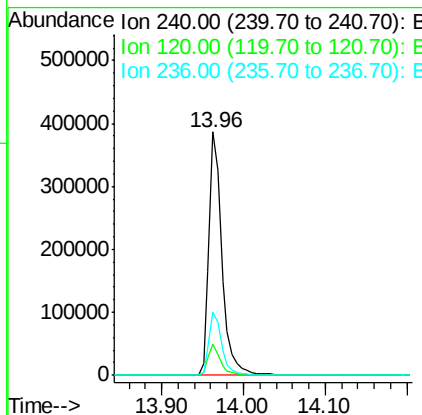
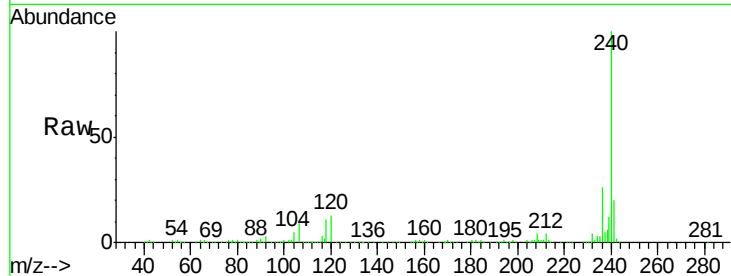
ClientSampleID :

WC-9871-01DL

Tgt Ion:	240	Resp:	427348
Ion Ratio	Lower	Upper	
240	100		
120	12.7	9.5	14.3
236	26.1	20.7	31.1

Manual Integrations
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12/27/2017 4:14:13 PM



#78

Terphenyl-d14

Concen: 8.283 ng

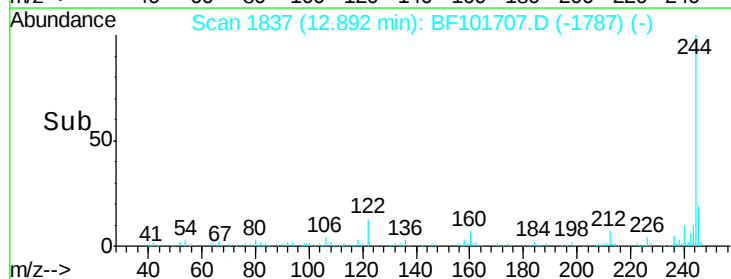
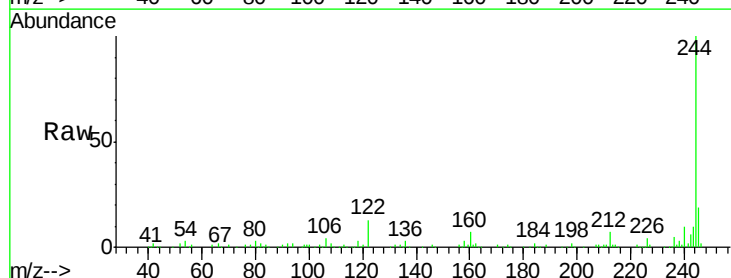
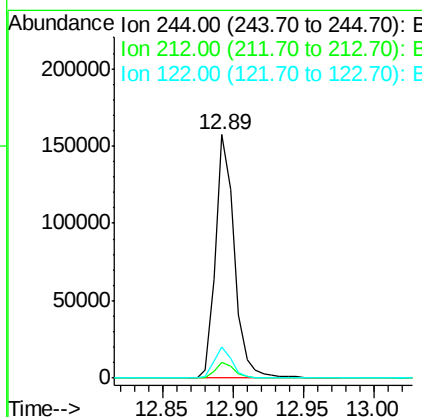
RT: 12.89 min Scan# 1837

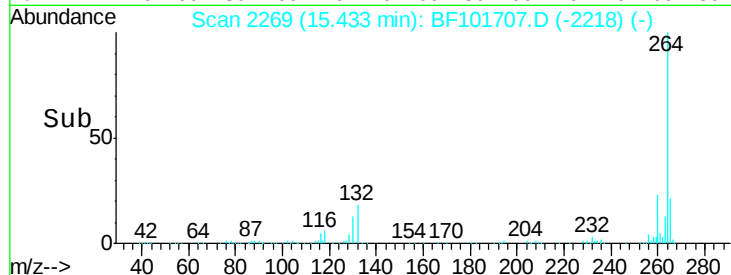
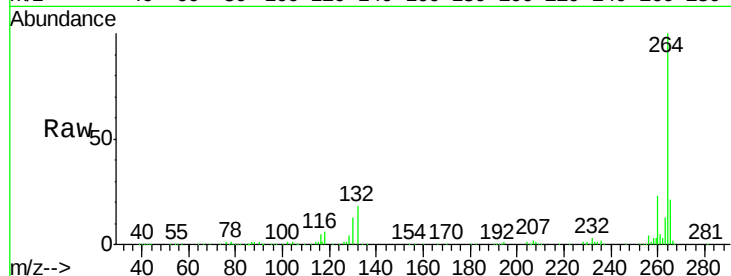
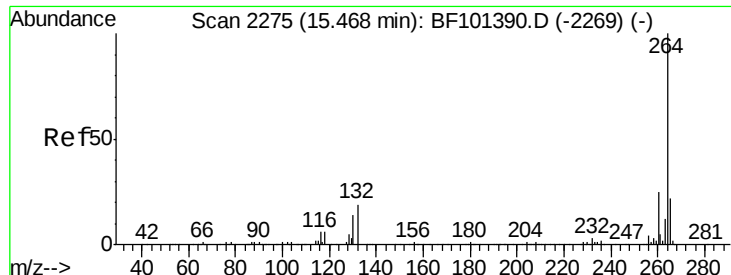
Delta R.T. -0.01 min

Lab File: BF101707.D

Acq: 26 Dec 2017 11:30

Tgt Ion:	244	Resp:	146825
Ion Ratio	Lower	Upper	
244	100		
212	6.7	5.4	8.0
122	12.9	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.00 min
Lab File: BF101707.D
Acq: 26 Dec 2017 11:30

Instrument :
BNA_F
ClientSampleId :
WC-9871-01DL

Tgt	Ion	Ratio	Resp	Lower	Upper
264	100		355854		
260	23.5	19.2	28.8		
265	20.9	17.5	26.3		

Manual Integrations
APPROVED

Sohil
12/27/2017 4:14:13 PM

