

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
 Data File : BF102960.D
 Acq On : 13 Feb 2018 14:36
 Operator : SJ/JU
 Sample : J1397-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-021218-A

Manual Integrations
 APPROVED

Sohil
 2/14/2018 10:29:36 AM

Quant Time: Feb 14 01:06:36 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 00:38:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	166172	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	717312	20.00	ng	-0.01
38) Acenaphthene-d10	9.91	164	330192	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	557544	20.00	ng	0.00
75) Chrysene-d12	14.03	240	315805	20.00	ng	0.00
86) Perylene-d12	15.50	264	319842	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1044871	95.49	ng	0.00
7) Phenol-d6	6.50	99	1263365	95.89	ng	0.00
23) Nitrobenzene-d5	7.43	82	815237	78.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	275887	103.81	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1277194	64.18	ng	-0.01
78) Terphenyl-d14	12.98	244	1007819	75.56	ng	0.00
Target Compounds						
10) Phenol	6.51	94	36499	2.585	ng	Qvalue # 70
49) Dimethylphthalate	9.62	163	82556	3.207	ng	99
70) Phenanthrene	11.42	178	155764	5.016	ng	97
74) Fluoranthene	12.60	202	153364	4.909	ng	97
77) Pyrene	12.83	202	192340	7.767	ng	100
80) Benzo(a)anthracene	14.02	228	69494	3.499	ng	# 90
82) Chrysene	14.06	228	74210m	3.707	ng	
87) Benzo(b)fluoranthene	15.07	252	72947m	3.518	ng	
89) Benzo(a)pyrene	15.44	252	53714	2.878	ng	# 93
91) Benzo(g,h,i)perylene	17.43	276	35542	2.397	ng	96

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

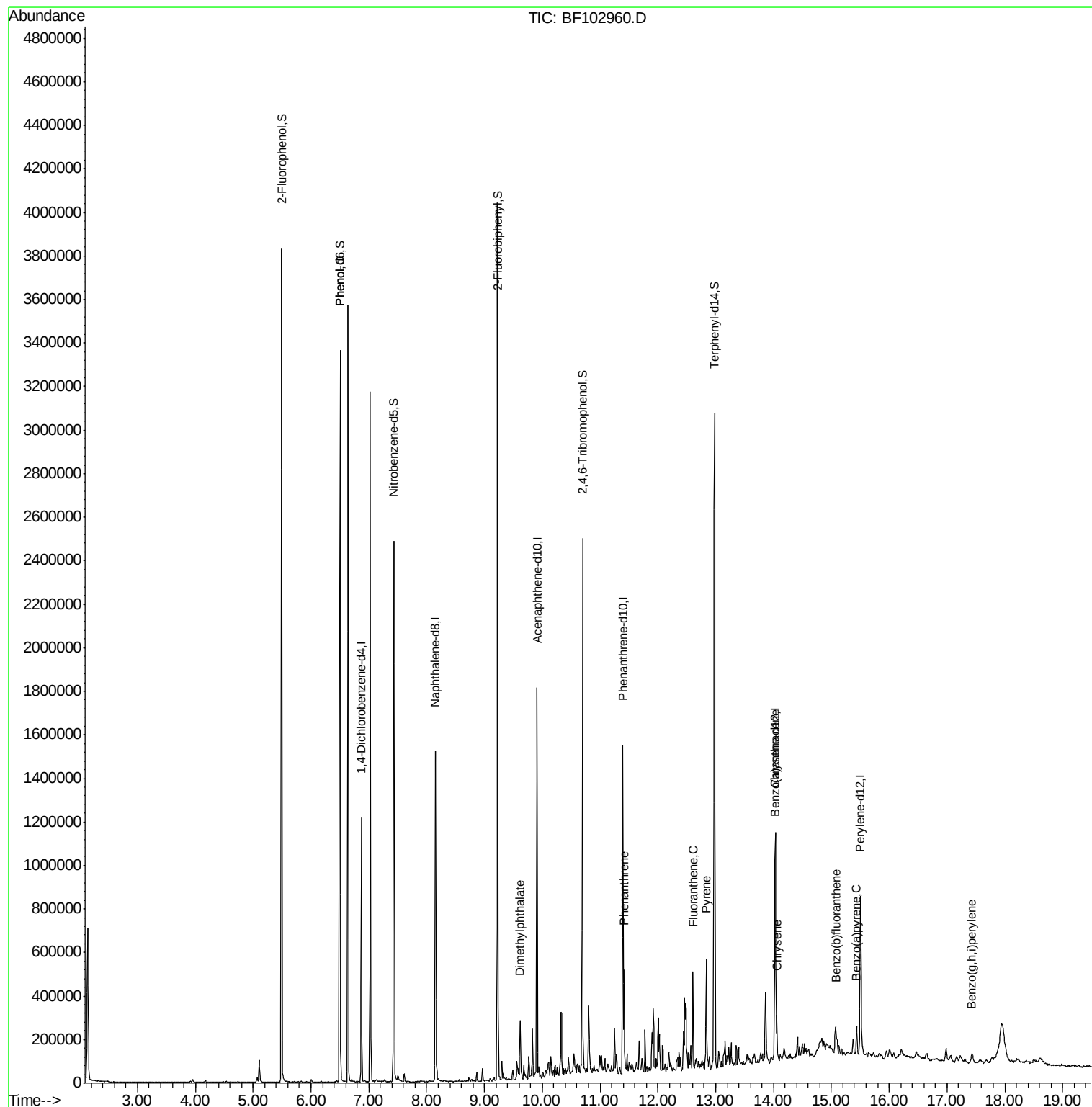
Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
Data File : BF102960.D
Acq On : 13 Feb 2018 14:36
Operator : SJ/JU
Sample : J1397-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
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CL-01-021218-A

Manual Integrations
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#1

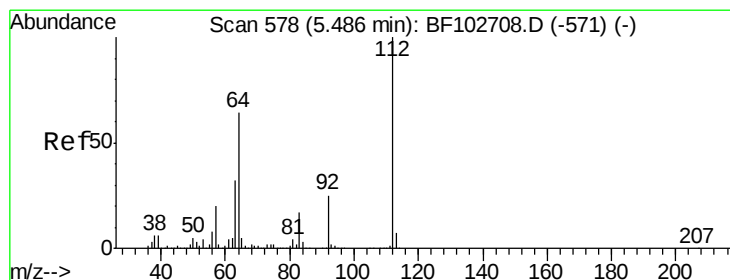
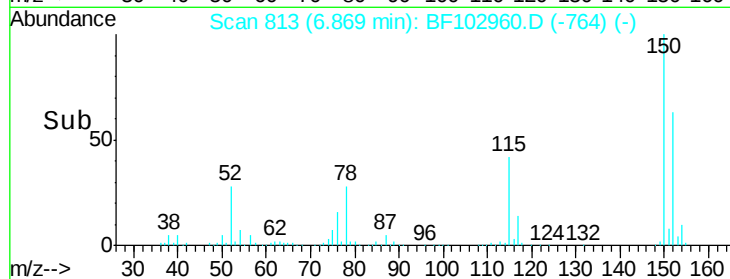
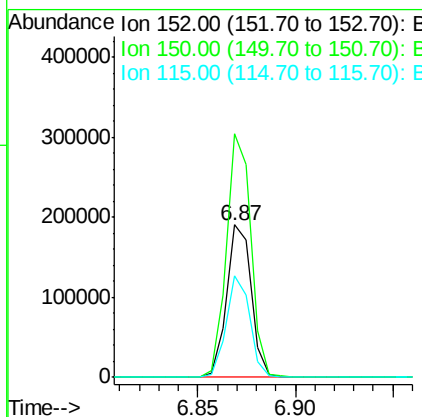
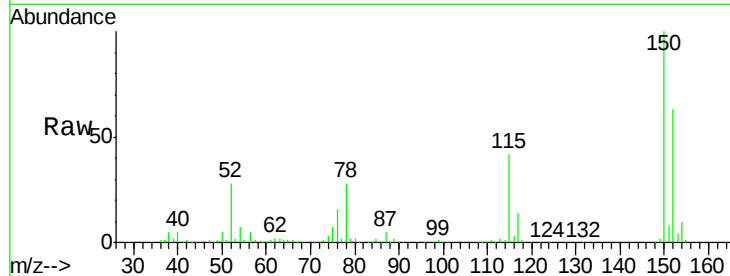
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF102960.D
Acq: 13 Feb 2018 14:36

Instrument :
BNA_F
ClientSampleId :
CL-01-021218-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	124.6	186.8
115	66.9	50.1	75.1

Manual Integrations
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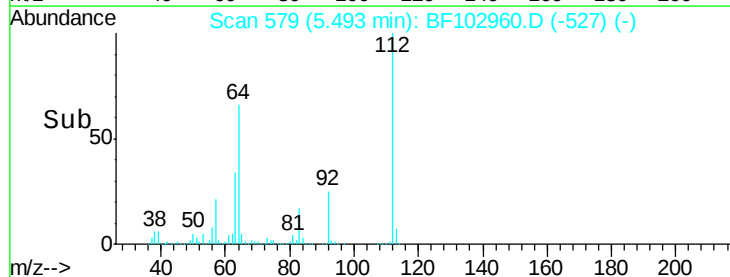
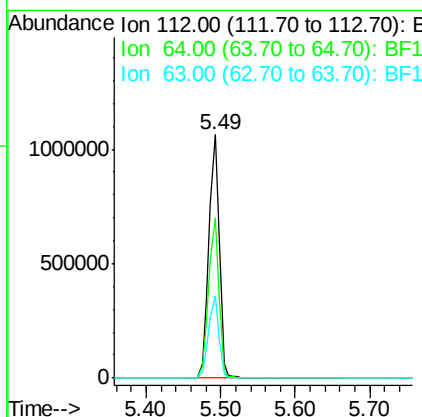
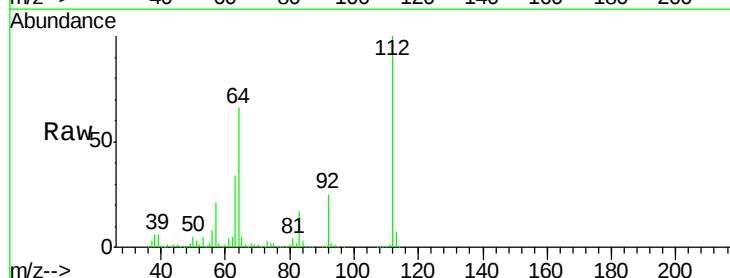
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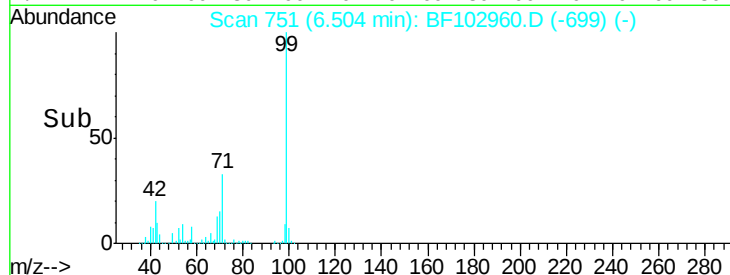
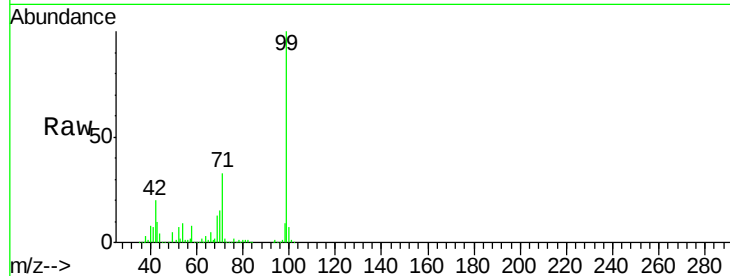


#5

2-Fluorophenol
Concen: 95.492 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF102960.D
Acq: 13 Feb 2018 14:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.6	47.9	71.9
63	33.7	23.7	35.5





#7

Phenol-d6

Concen: 95.892 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF102960.D

Acq: 13 Feb 2018 14:36

Tot Ion:	99	Resp:	1263365
Ion	Ratio	Lower	Upper
99	100		
42	19.6	14.5	21.7
71	32.6	25.4	38.0

Instrument :

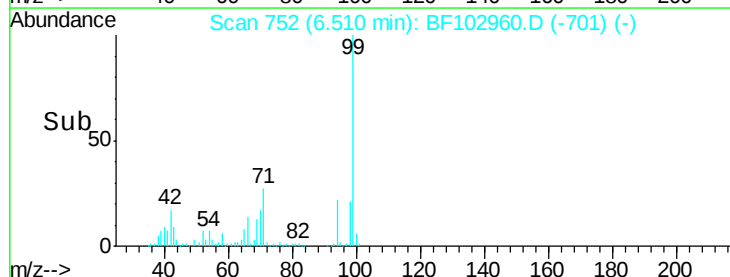
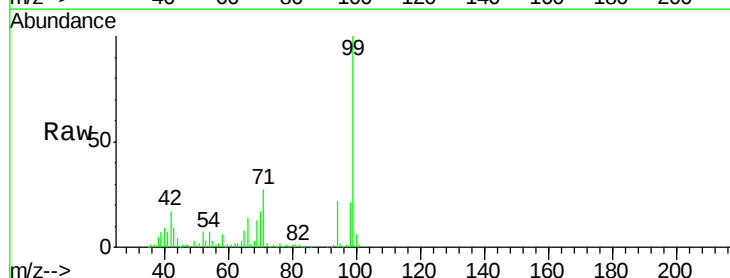
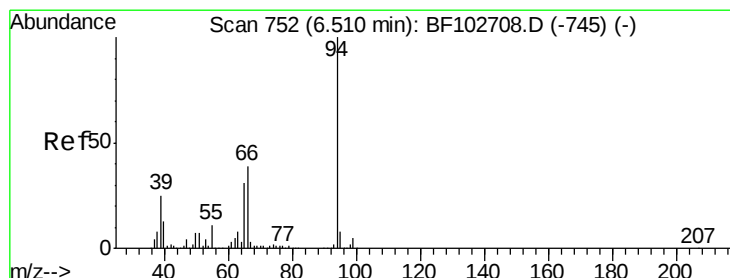
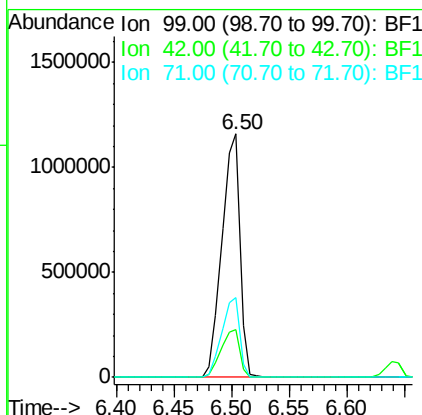
BNA_F

ClientSampleId :

CL-01-021218-A

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#10

Phenol

Concen: 2.585 ng

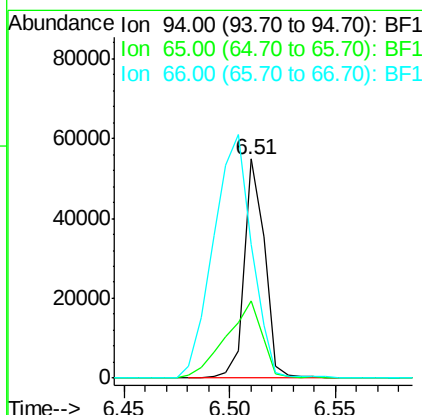
RT: 6.51 min Scan# 752

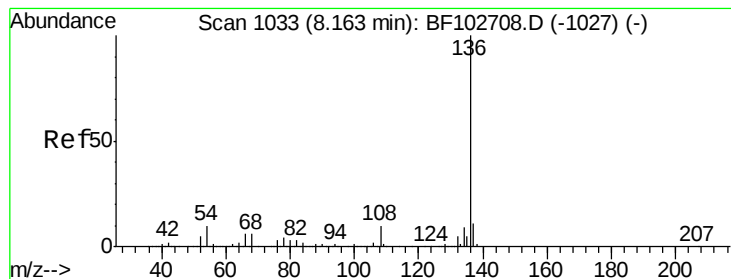
Delta R.T. 0.00 min

Lab File: BF102960.D

Acq: 13 Feb 2018 14:36

Tgt Ion:	94	Resp:	36499
Ion	Ratio	Lower	Upper
94	100		
65	35.1	7.9	47.9
66	60.8	16.2	56.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF102960.D

Acq: 13 Feb 2018 14:36

Instrument :

BNA_F

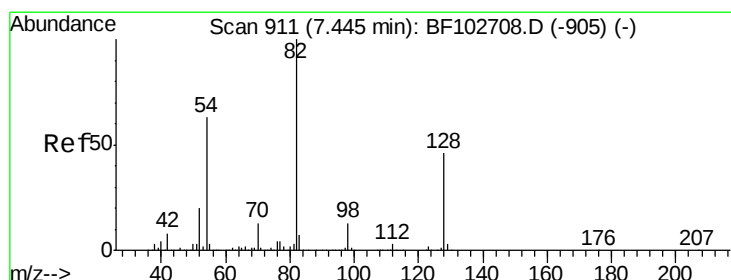
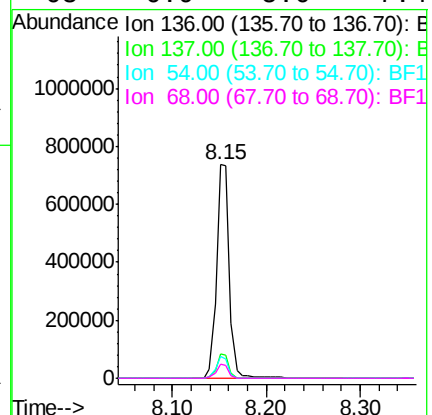
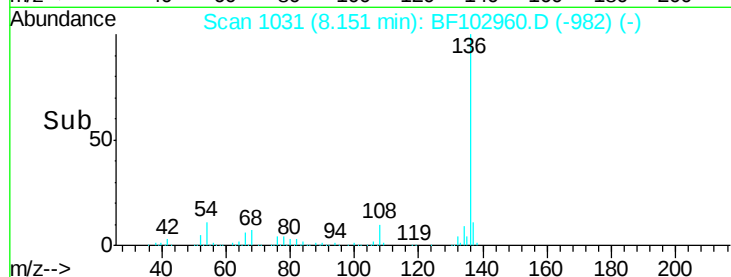
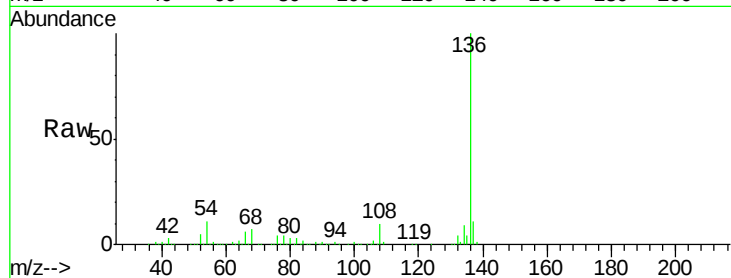
ClientSampleId :

CL-01-021218-A

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.3	8.9	13.3
54	10.5	6.6	9.8
68	6.9	5.0	7.4

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#23

Nitrobenzene-d5

Concen: 78.841 ng

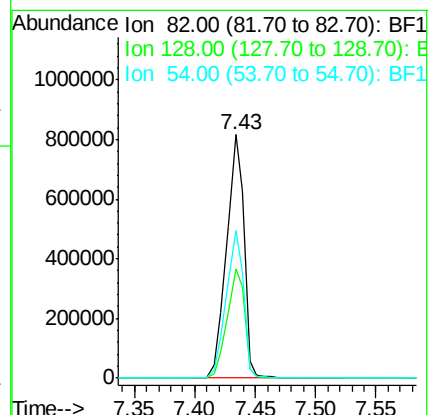
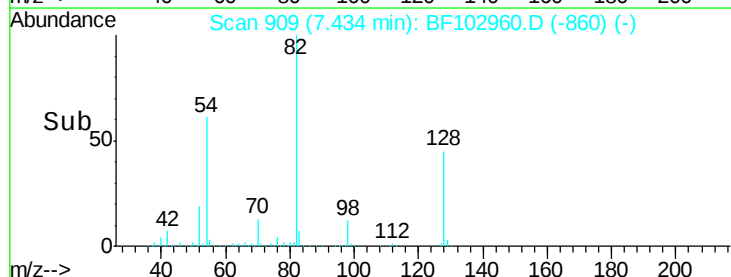
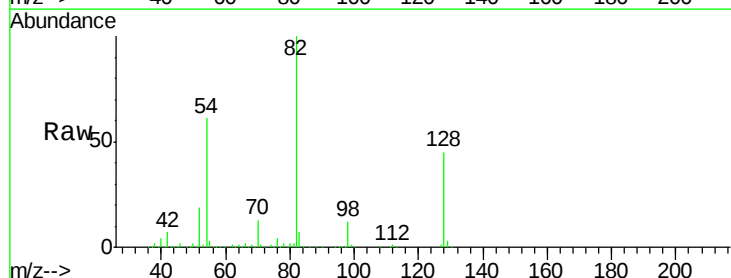
RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF102960.D

Acq: 13 Feb 2018 14:36

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	44.6	36.1	54.1
54	60.9	41.4	62.2





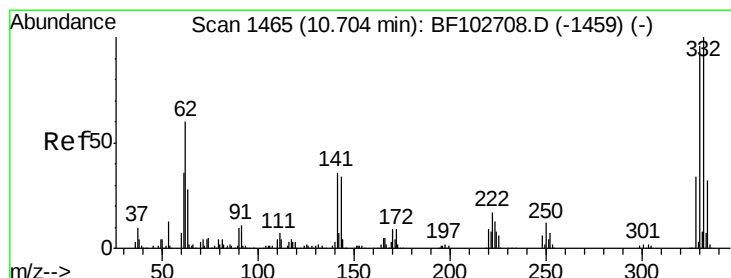
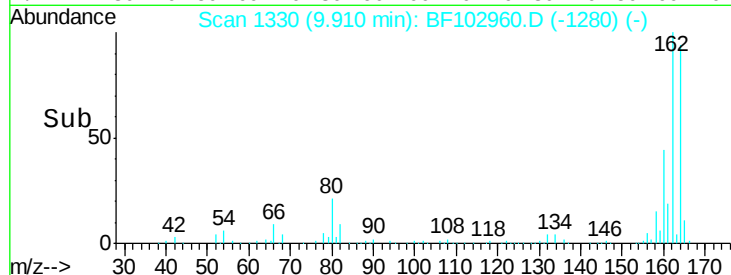
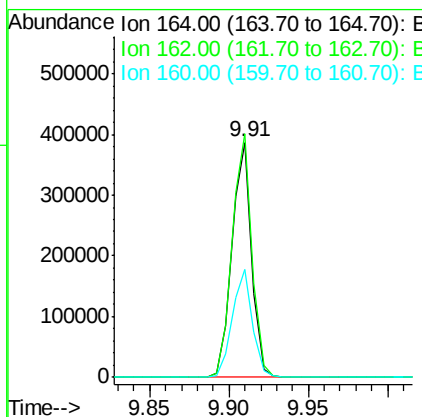
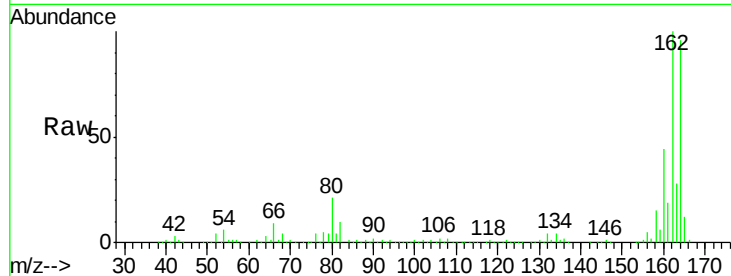
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF102960.D
Acq: 13 Feb 2018 14:36

Instrument :
BNA_F
ClientSampleId :
CL-01-021218-A

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.7	86.1	129.1
160	46.0	38.3	57.5

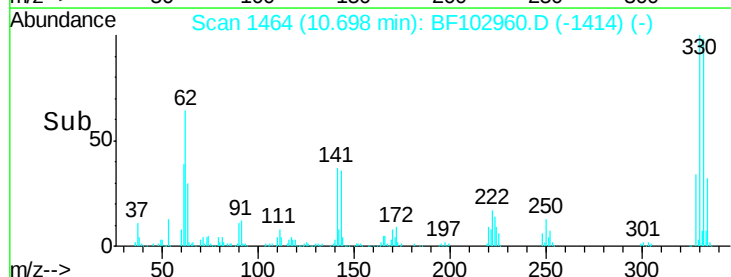
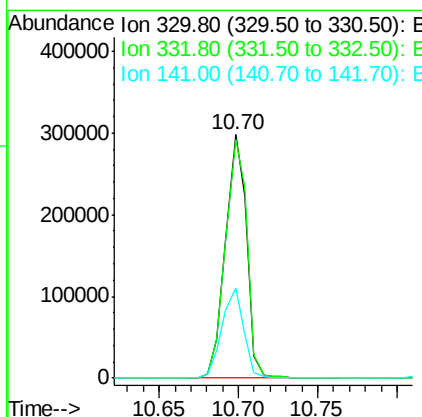
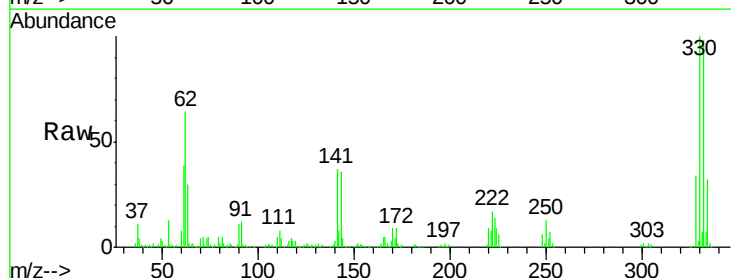
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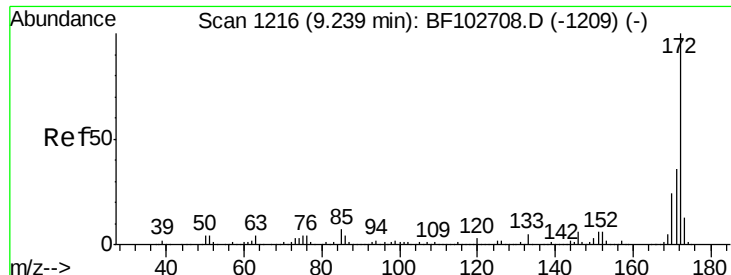
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#41
2,4,6-Tribromophenol
Concen: 103.808 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BF102960.D
Acq: 13 Feb 2018 14:36

Tgt Ion	Ratio	Lower	Upper
330	100		
332	100.8	77.0	115.6
141	38.2	29.9	44.9





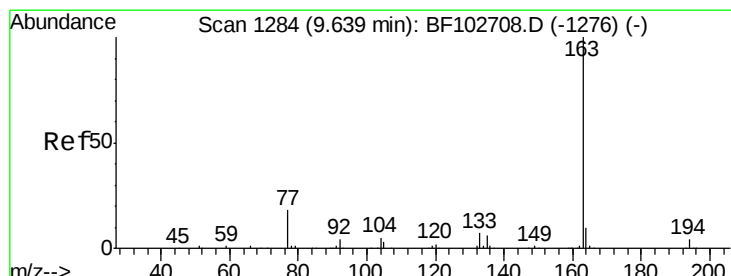
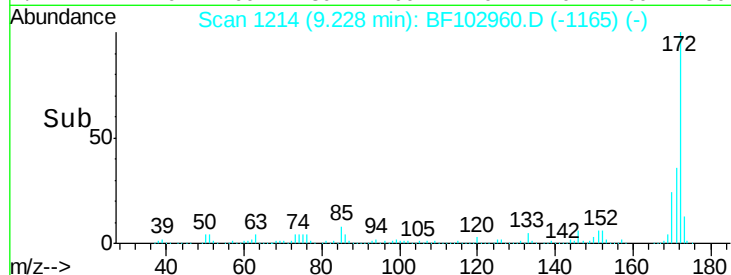
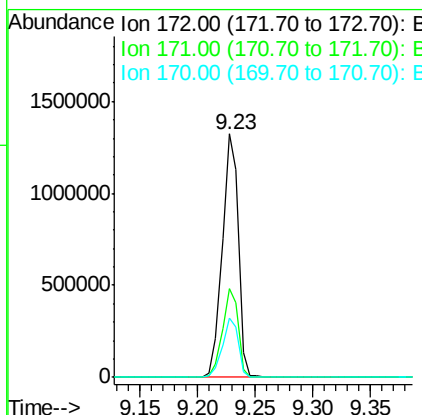
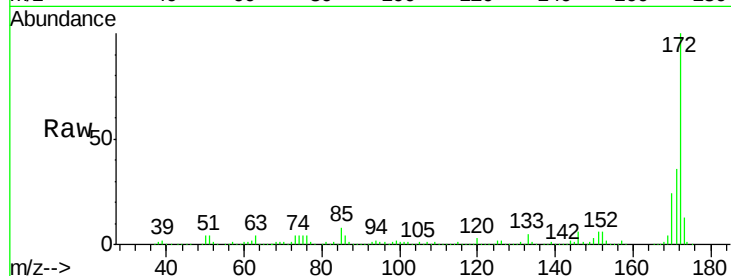
#44
2-Fluorobiphenyl
Concen: 64.184 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF102960.D
Acq: 13 Feb 2018 14:36

Instrument :
BNA_F
ClientSampleId :
CL-01-021218-A

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.2	19.6	29.4

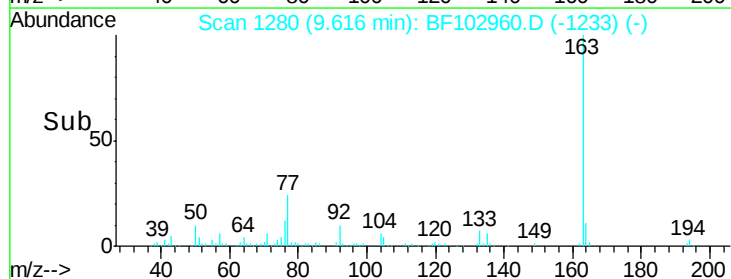
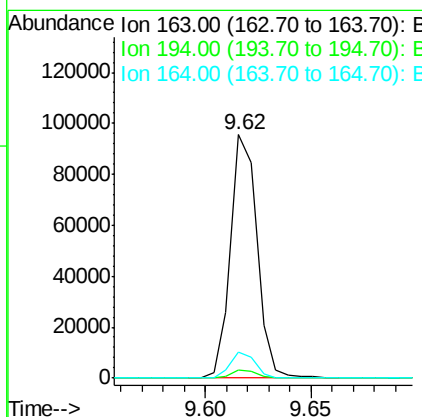
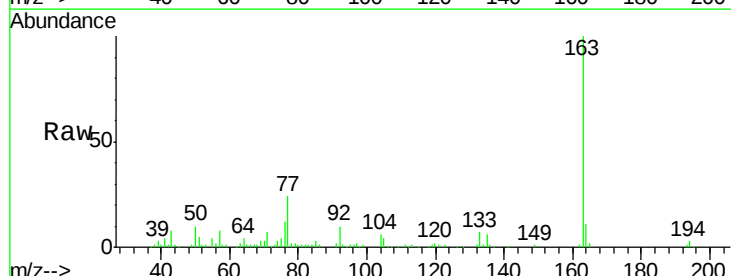
Manual Integrations
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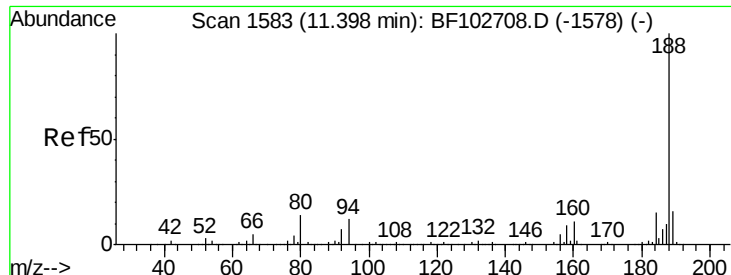
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#49
Dimethylphthalate
Concen: 3.207 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF102960.D
Acq: 13 Feb 2018 14:36

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	10.6	8.2	12.2





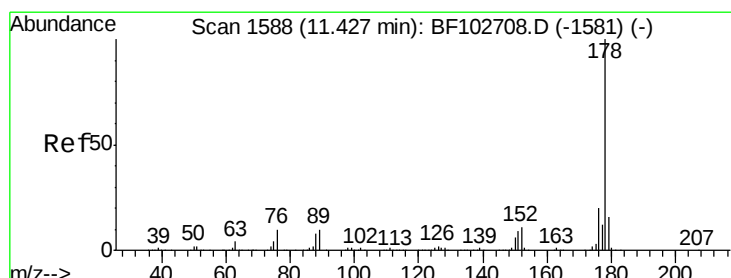
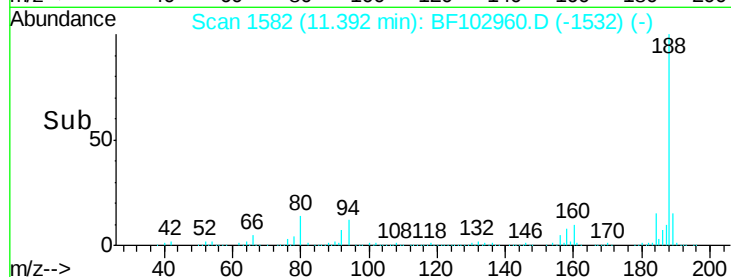
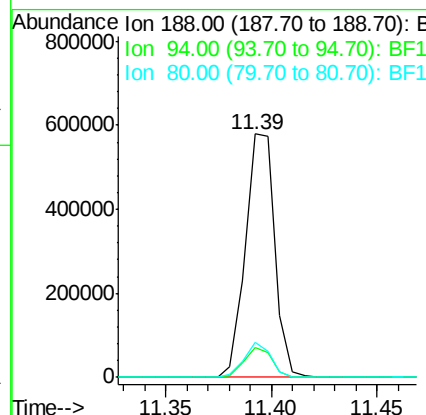
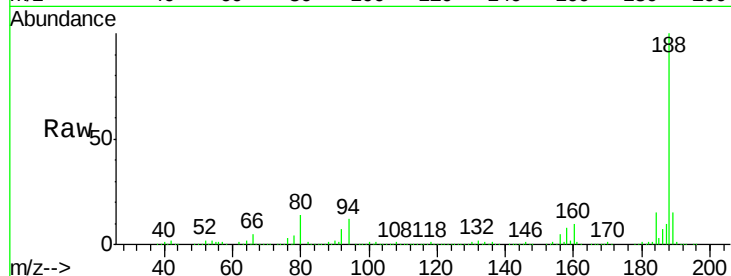
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF102960.D
Acq: 13 Feb 2018 14:36

Instrument :
BNA_F
ClientSampleId :
CL-01-021218-A

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	12.2	8.5	12.7
80	14.1	9.2	13.8

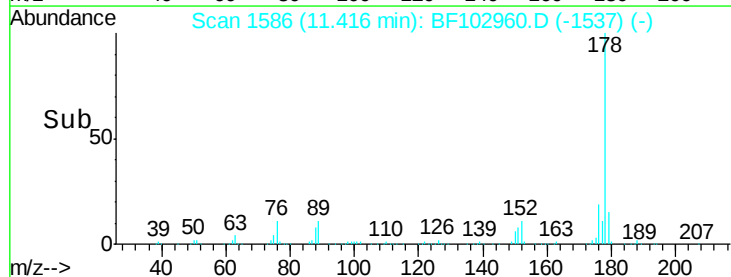
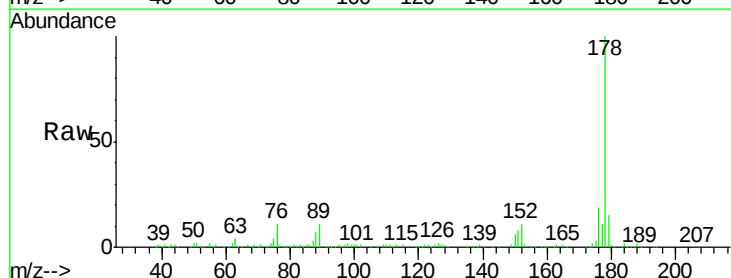
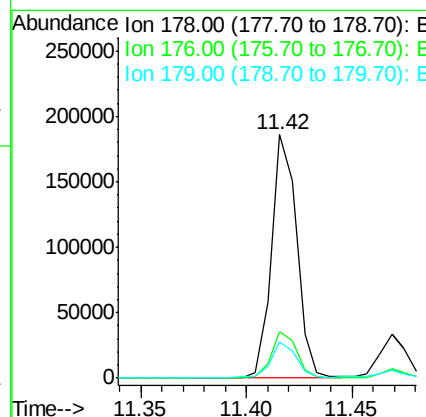
Manual Integrations
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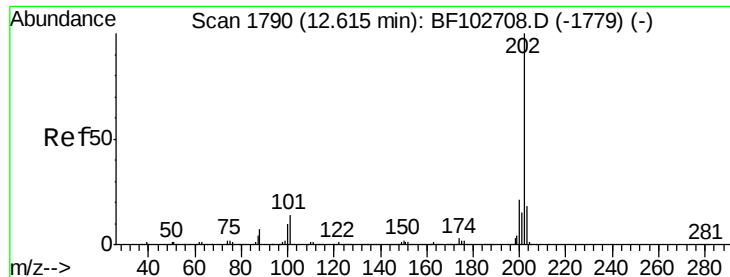
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#70
Phenanthrene
Concen: 5.016 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF102960.D
Acq: 13 Feb 2018 14:36

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.1	15.8	23.8
179	14.7	13.0	19.6





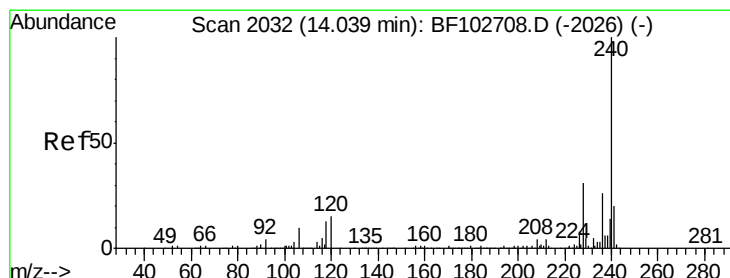
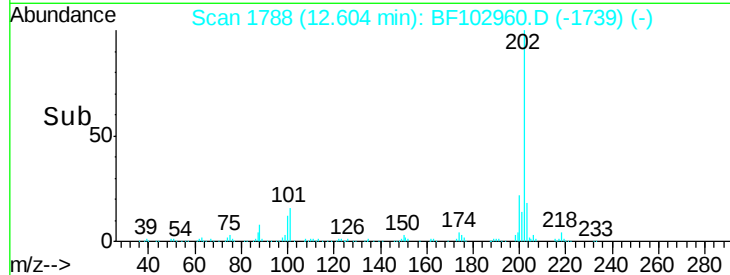
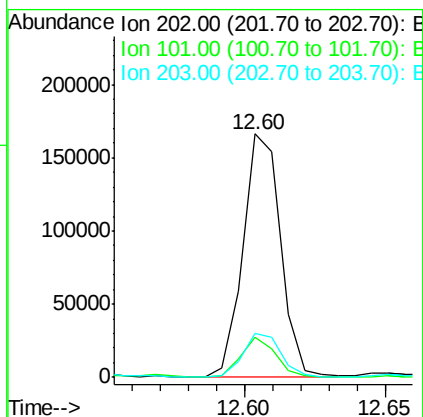
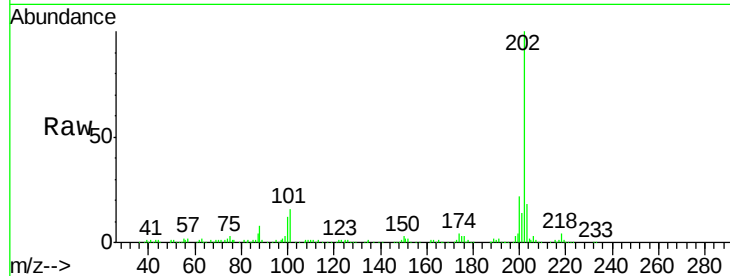
#74
Fluoranthene
Concen: 4.909 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.01 min
Lab File: BF102960.D
Acq: 13 Feb 2018 14:36

Instrument :
BNA_F
ClientSampleId :
CL-01-021218-A

Tot Ion	Ratio	Resp	Lower	Upper
202	100	153364		
101	16.5	0.0	34.1	
203	18.3	0.0	38.1	

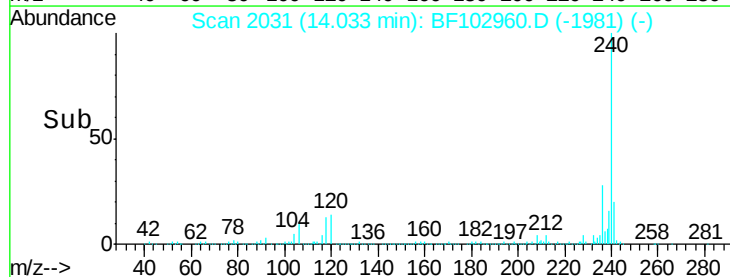
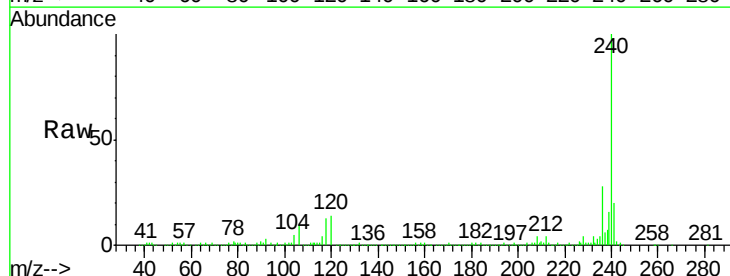
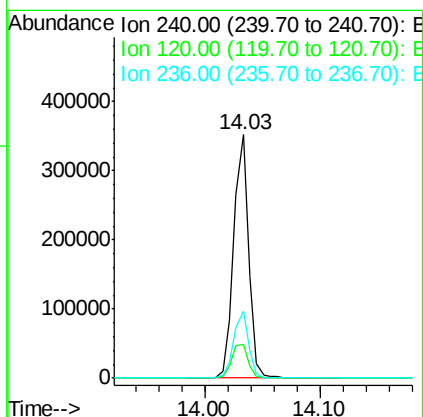
Manual Integrations
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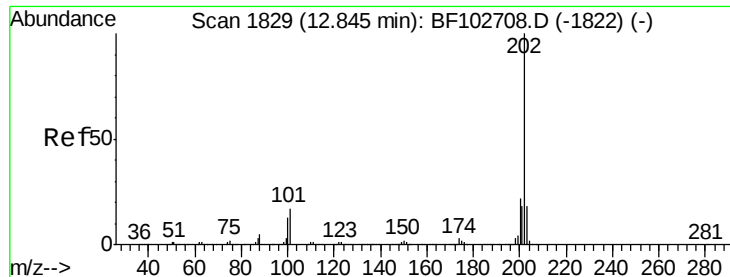
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF102960.D
Acq: 13 Feb 2018 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	315805		
120	13.8	9.5	14.3	
236	27.7	20.7	31.1	





#77

Pvrene

Concen: 7.767 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF102960.D

Acq: 13 Feb 2018 14:36

Instrument :

BNA_F

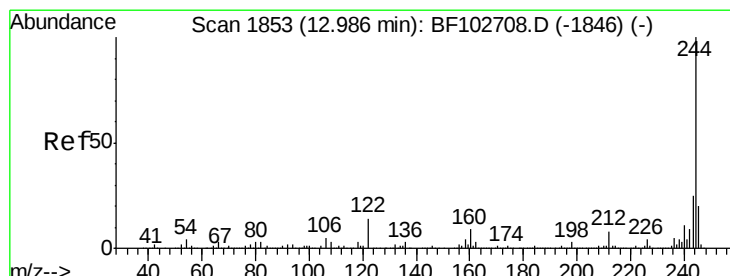
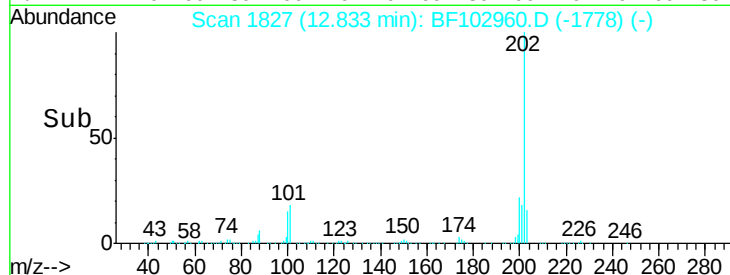
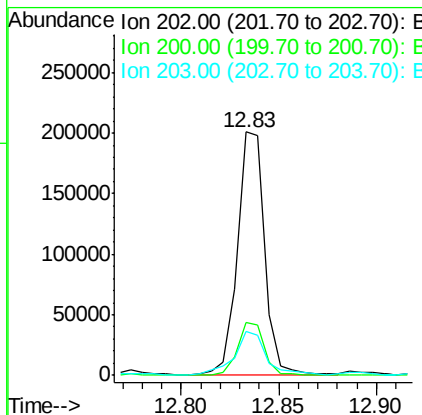
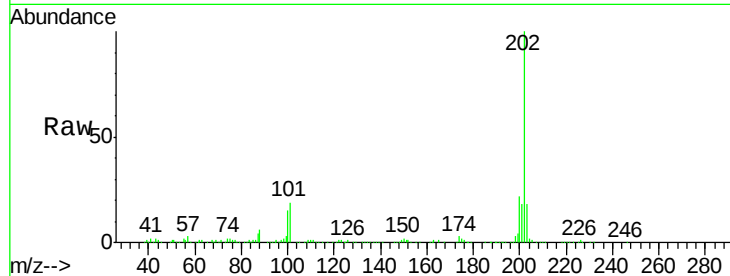
ClientSampleId :

CL-01-021218-A

Tot Ion:	202	Resp:	192340
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.4	26.2
203	18.1	14.3	21.5

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#78

Terphenyl-d14

Concen: 75.562 ng

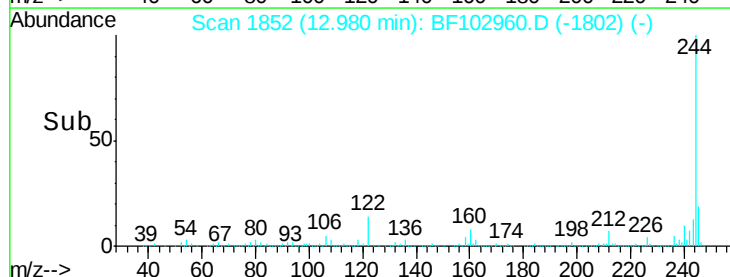
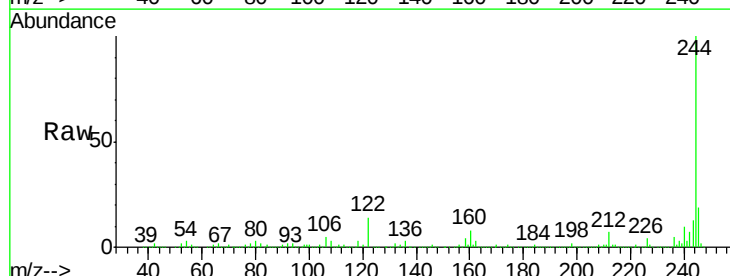
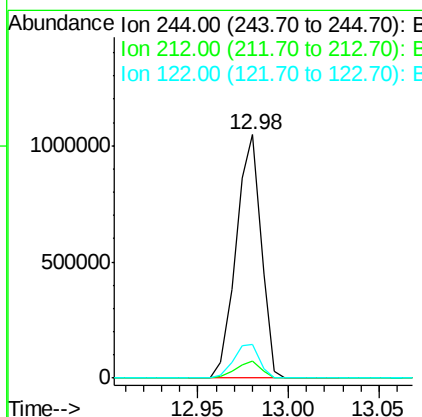
RT: 12.98 min Scan# 1852

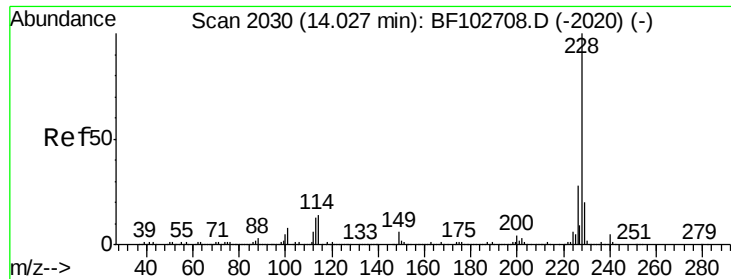
Delta R.T. -0.01 min

Lab File: BF102960.D

Acq: 13 Feb 2018 14:36

Tgt Ion:	244	Resp:	1007819
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.4	8.0
122	13.9	11.0	16.4





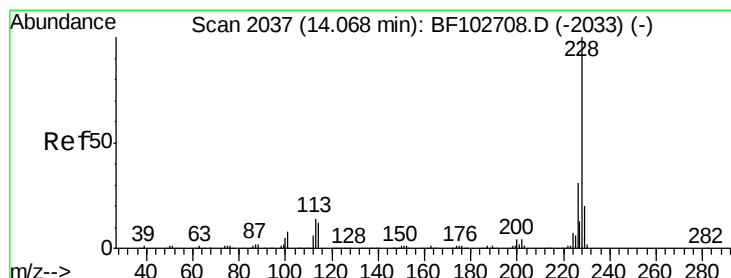
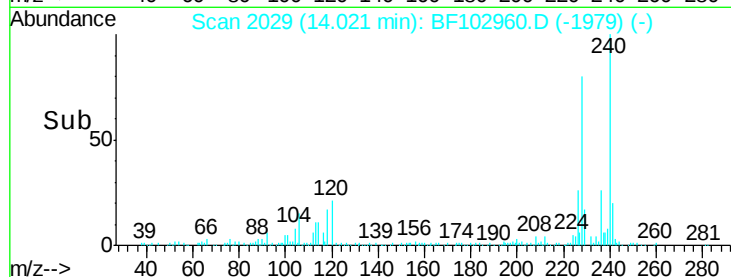
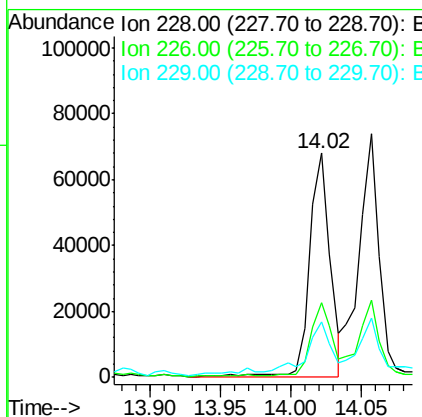
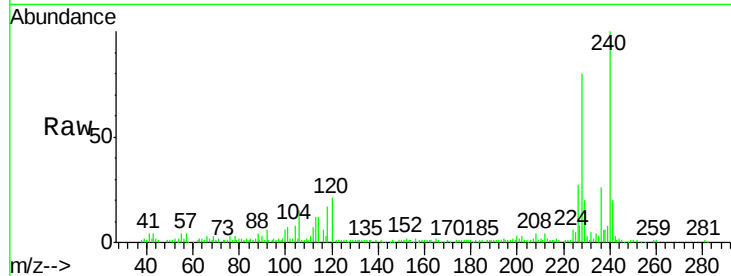
#80
Benzo(a)anthracene
Concen: 3.499 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF102960.D
Acq: 13 Feb 2018 14:36

Instrument :
BNA_F
ClientSampleId :
CL-01-021218-A

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.2	22.6	33.8
229	24.7	15.8	23.6

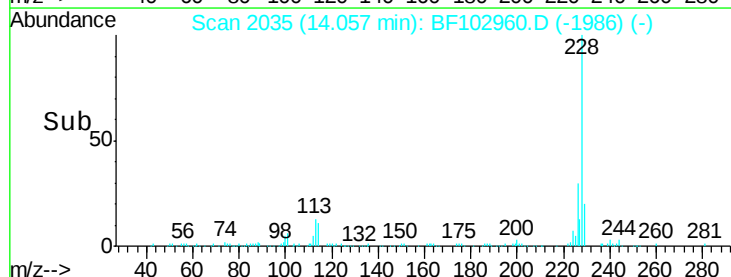
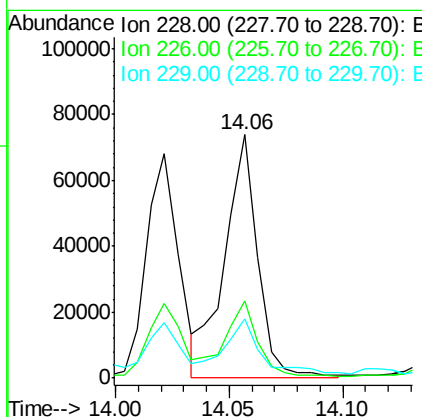
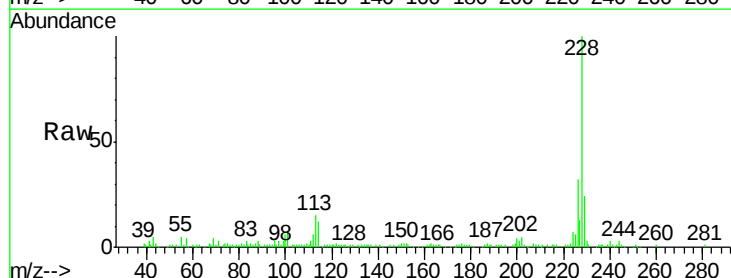
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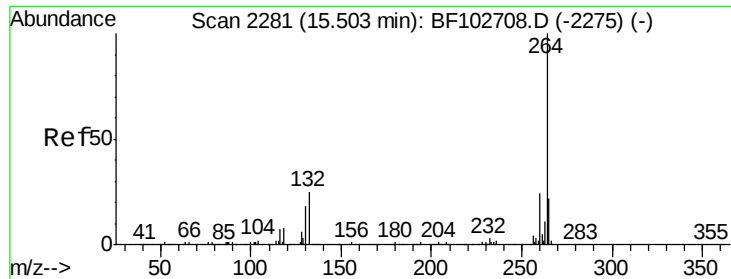
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#82
Chrysene
Concen: 3.707 ng m
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF102960.D
Acq: 13 Feb 2018 14:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.0	37.6
229	24.3	16.2	24.4





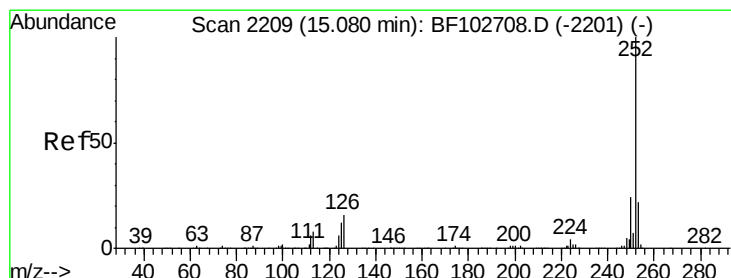
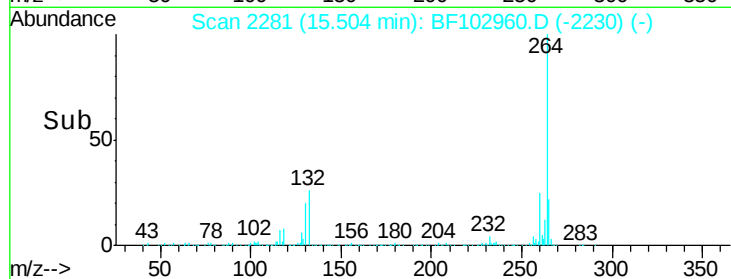
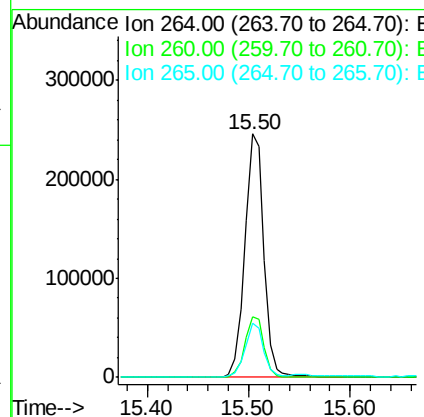
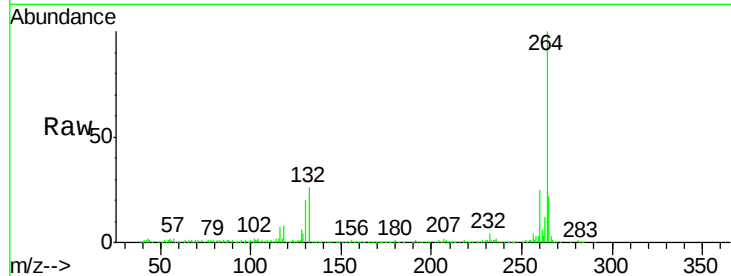
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.00 min
Lab File: BF102960.D
Acq: 13 Feb 2018 14:36

Instrument :
BNA_F
ClientSampleId :
CL-01-021218-A

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

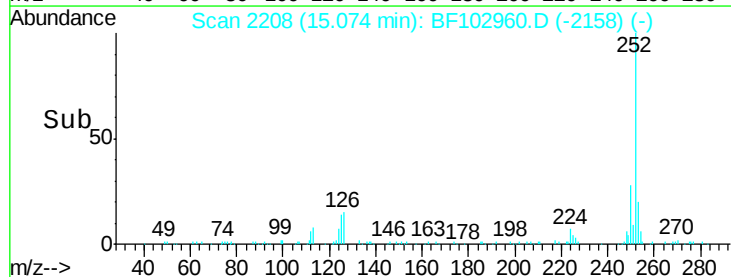
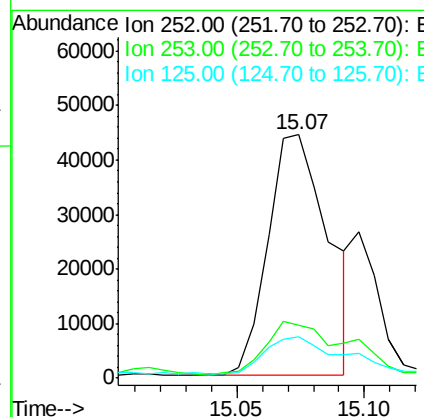
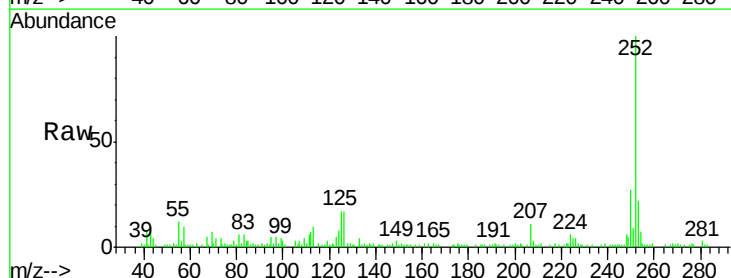
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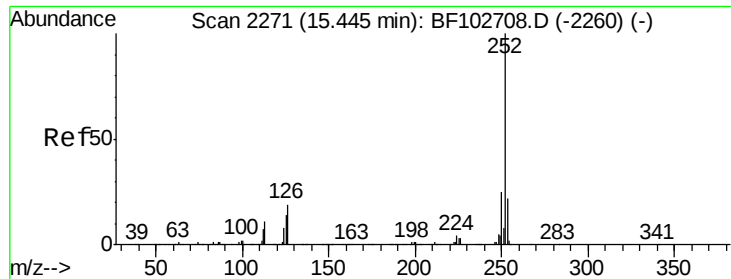
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#87
Benzo(b)fluoranthene
Concen: 3.518 ng m
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF102960.D
Acq: 13 Feb 2018 14:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	16.7	9.0	13.6





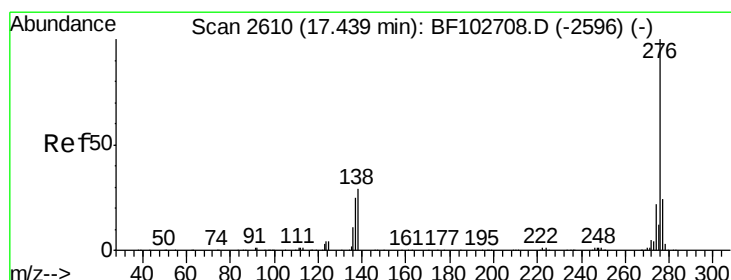
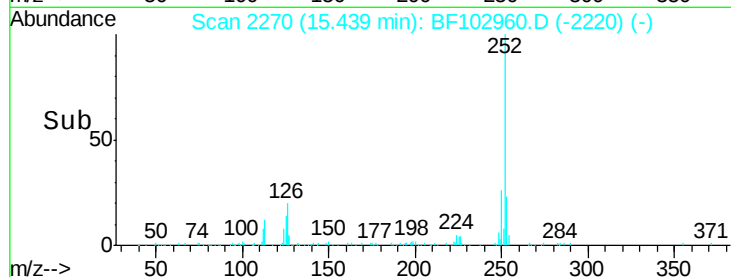
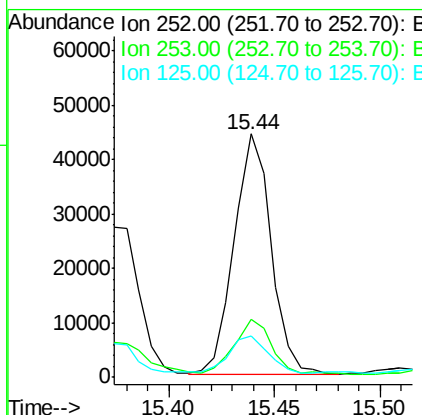
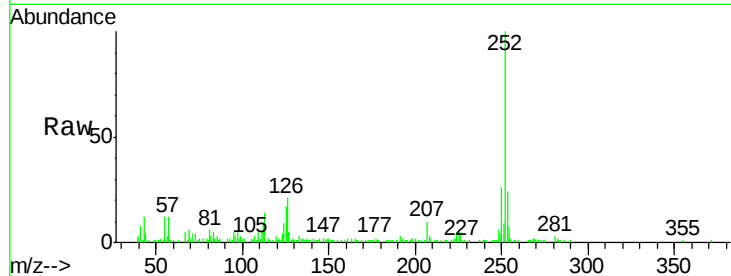
#89
Benzo(a)pyrene
Concen: 2.878 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF102960.D
Acq: 13 Feb 2018 14:36

Instrument :
BNA_F
ClientSampleId :
CL-01-021218-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.1	25.7
125	16.8	9.8	14.6

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#91
Benzo(g,h,i)perylene
Concen: 2.397 ng
RT: 17.43 min Scan# 2609
Delta R.T. -0.01 min
Lab File: BF102960.D
Acq: 13 Feb 2018 14:36

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.7	17.9	26.9
138	31.0	21.8	32.8

