

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121917\
 Data File : BF101533.D
 Acq On : 19 Dec 2017 20:09
 Operator : SJ/JU
 Sample : I6682-03 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-01-121817-B

Manual Integrations
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Quant Time: Dec 20 07:44:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 18 15:38:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	131435	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	505800	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	199483	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	312406	20.00	ng	0.00
75) Chrysene-d12	13.99	240	275321	20.00	ng	0.00
86) Perylene-d12	15.46	264	325004	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	210744	23.88	ng	0.01
7) Phenol-d6	6.45	99	251569	22.91	ng	0.00
23) Nitrobenzene-d5	7.37	82	150330	16.54	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	37228	19.37	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	253645	19.72	ng	0.00
78) Terphenyl-d14	12.92	244	166080	14.54	ng	0.00
Target Compounds						
70) Phenanthrene	11.36	178	69342	3.991	ng	97
74) Fluoranthene	12.56	202	158071	8.668	ng	98
77) Pyrene	12.79	202	148140	7.169	ng	99
80) Benzo(a)anthracene	13.97	228	114319	6.288	ng	97
82) Chrysene	14.02	228	100426	5.851	ng	97
85) Indeno(1,2,3-cd)pyrene	16.94	276	59284	3.878	ng	# 91
87) Benzo(b)fluoranthene	15.03	252	166119m	8.386	ng	
88) Benzo(k)fluoranthene	15.06	252	43519m	2.259	ng	
89) Benzo(a)pyrene	15.40	252	111336	6.097	ng	99
91) Benzo(g,h,i)perylene	17.40	276	49444	3.185	ng	94

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

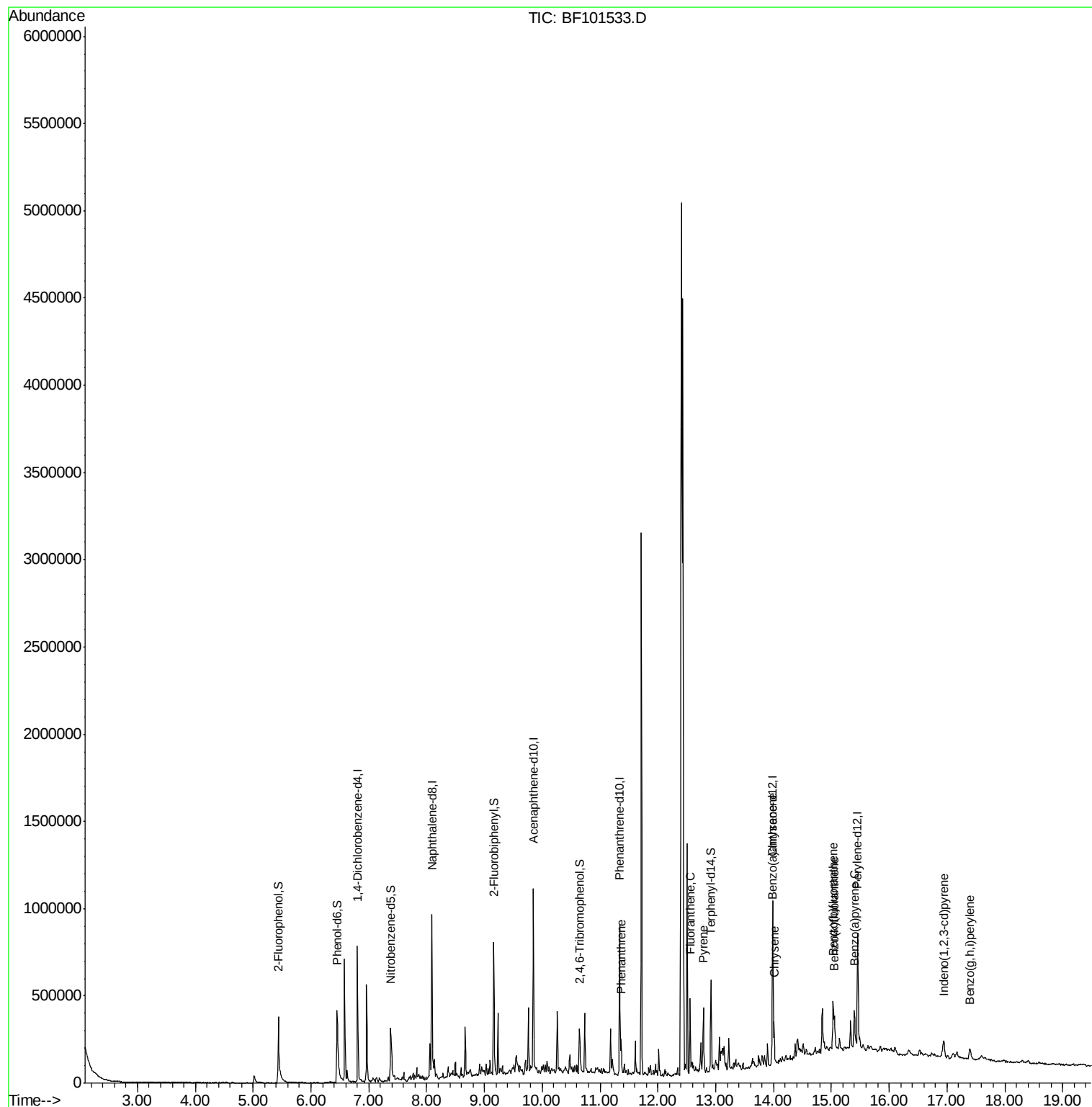
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121917\
Data File : BF101533.D
Acq On : 19 Dec 2017 20:09
Operator : SJ/JU
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ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NB-01-121817-B

Manual Integrations
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Quant Time: Dec 20 07:44:04 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 18 15:38:59 2017
Response via : Initial Calibration





#1

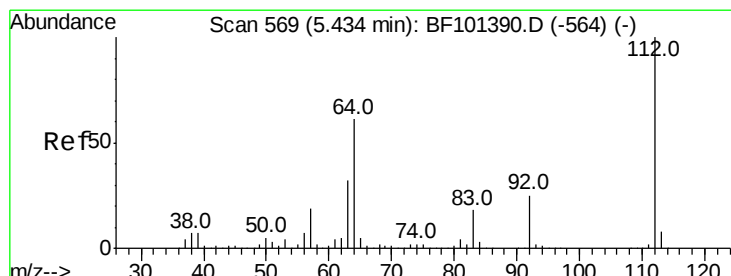
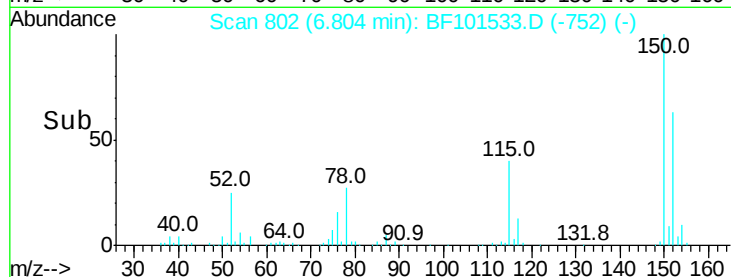
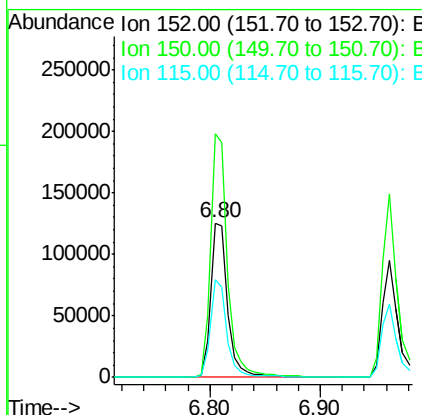
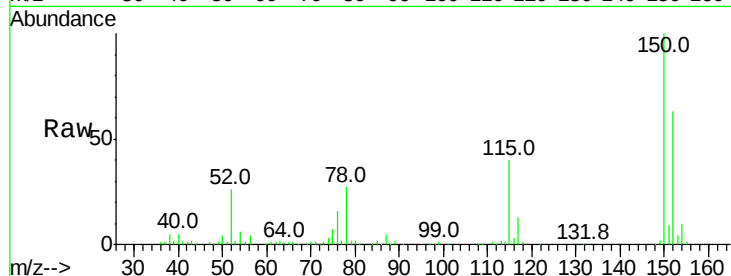
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF101533.D
Acq: 19 Dec 2017 20:09

Instrument :
BNA_F
ClientSampleId :
NB-01-121817-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.6	186.8
115	63.8	50.1	75.1

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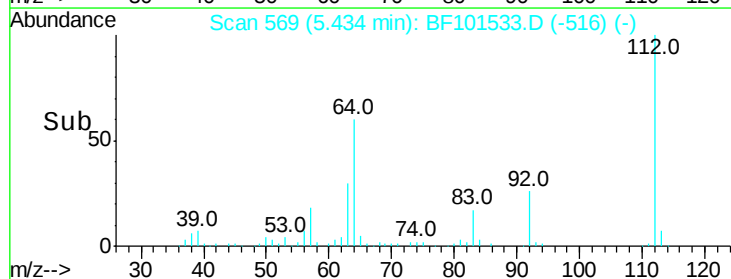
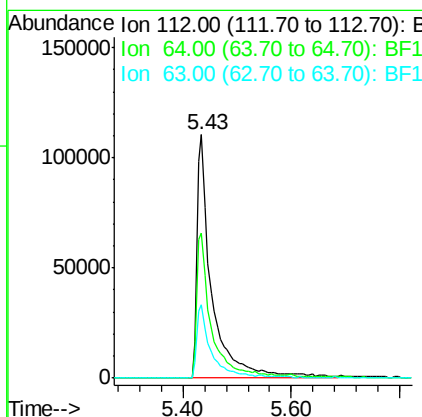
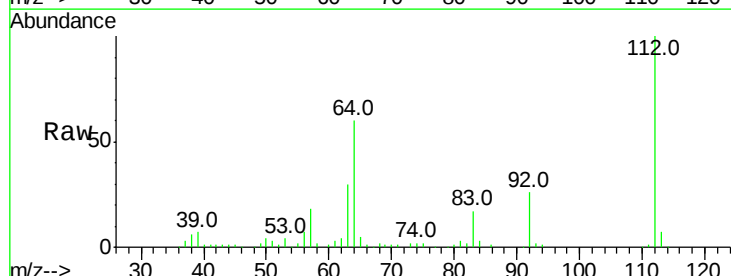
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#5

2-Fluorophenol
Concen: 23.884 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF101533.D
Acq: 19 Dec 2017 20:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.8	47.9	71.9
63	30.1	23.7	35.5





#7

Phenol-d6

Concen: 22.909 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF101533.D

Acq: 19 Dec 2017 20:09

Instrument :

BNA_F

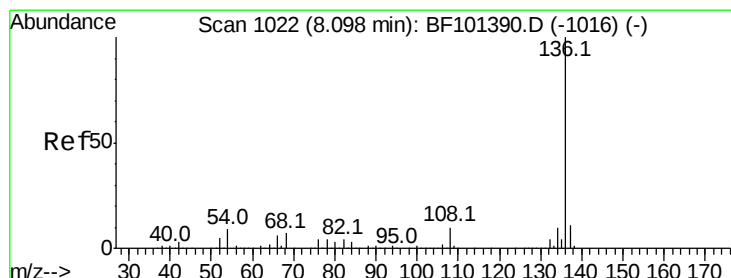
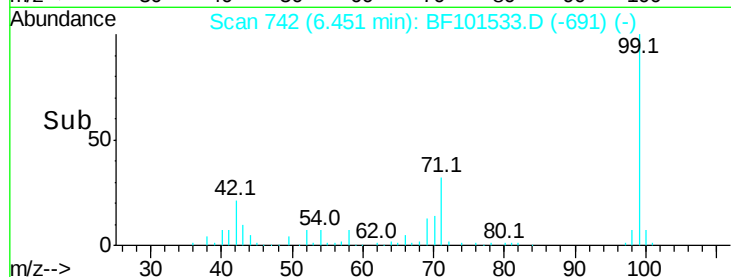
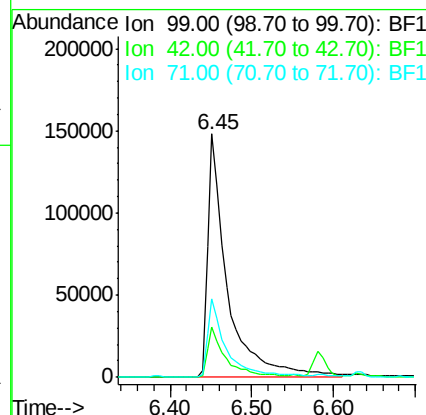
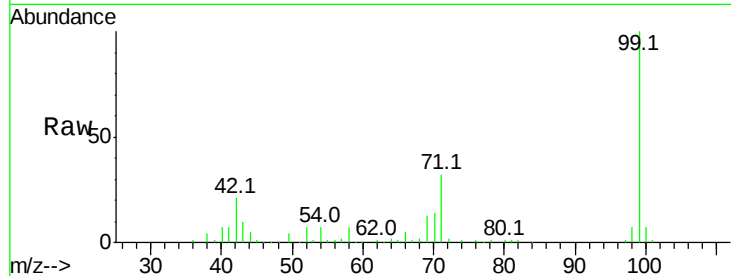
ClientSampleId :

NB-01-121817-B

Tot Ion:	99	Resp:	251569
Ion Ratio	Lower	Upper	
99	100		
42	20.6	14.5	21.7
71	32.1	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

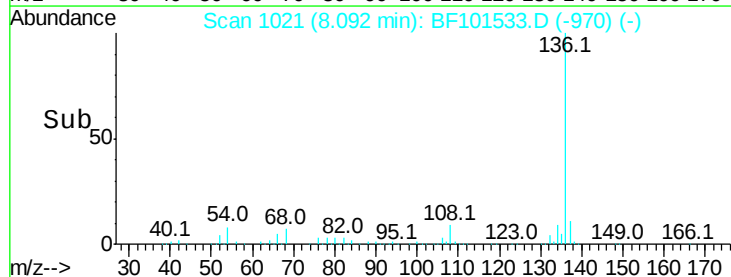
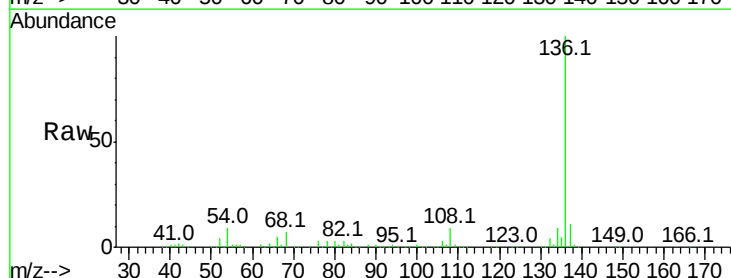
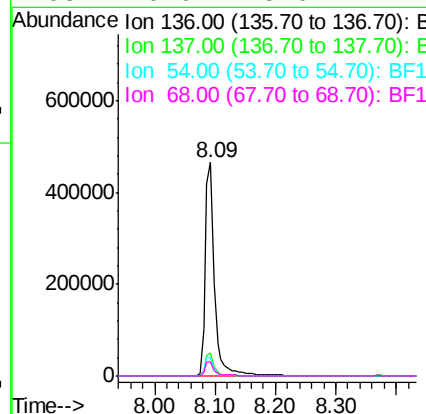
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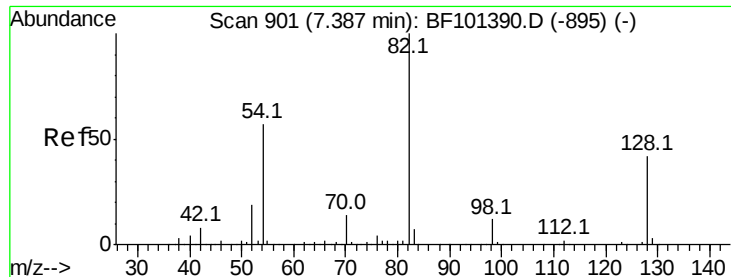
Delta R.T. 0.00 min

Lab File: BF101533.D

Acq: 19 Dec 2017 20:09

Tgt Ion:	136	Resp:	505800
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	8.6	6.6	9.8
68	6.9	5.0	7.4





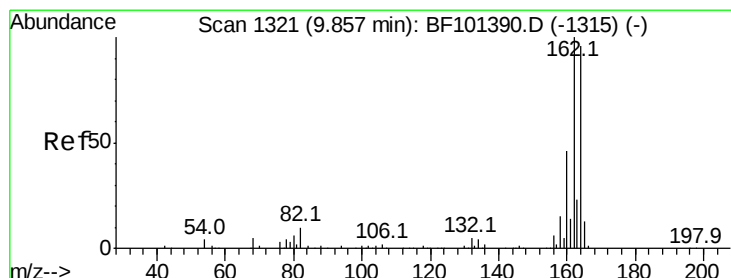
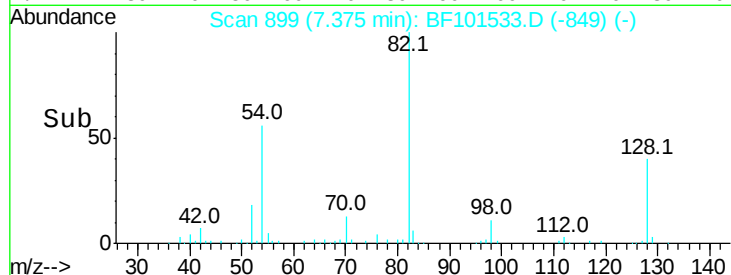
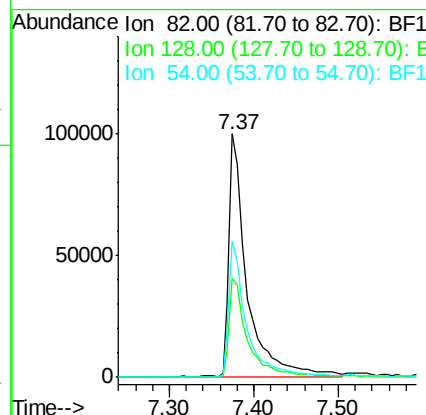
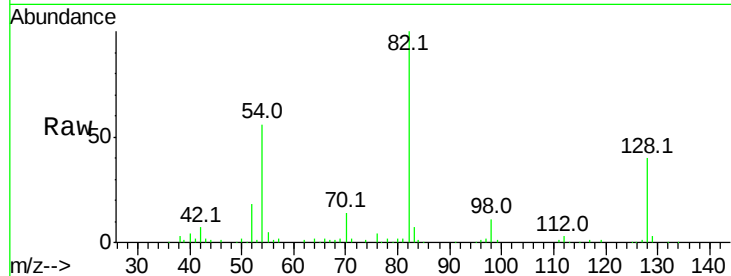
#23
 Nitrobenzene-d5
 Concen: 16.545 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF101533.D
 Acq: 19 Dec 2017 20:09

Instrument :
 BNA_F
 ClientSampleId :
 NB-01-121817-B

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	40.4	36.1	54.1	
54	55.8	41.4	62.2	

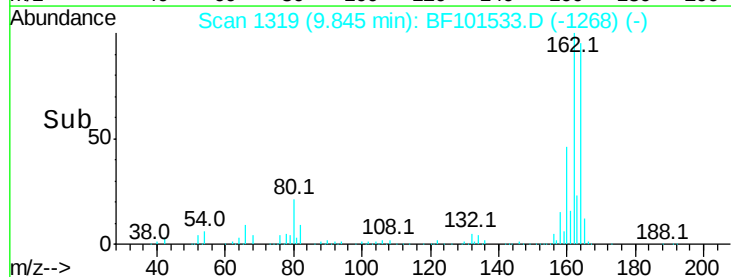
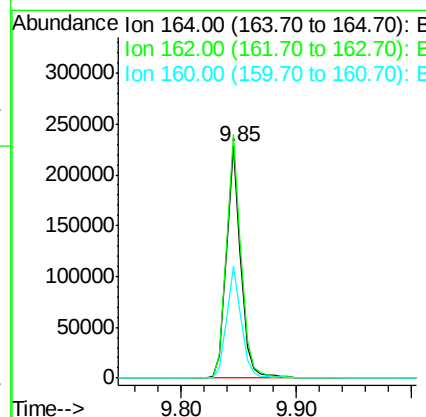
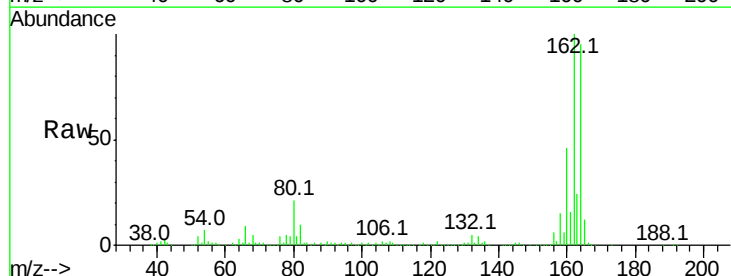
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.00 min
 Lab File: BF101533.D
 Acq: 19 Dec 2017 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.0	86.1	129.1	
160	48.2	38.3	57.5	





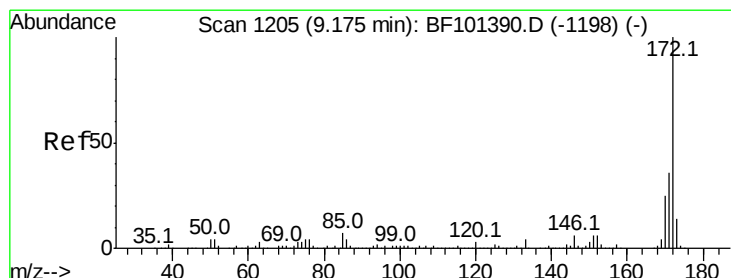
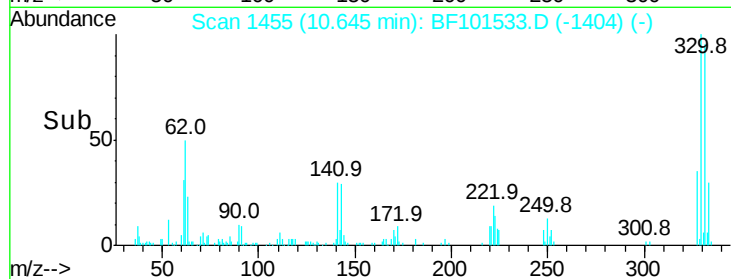
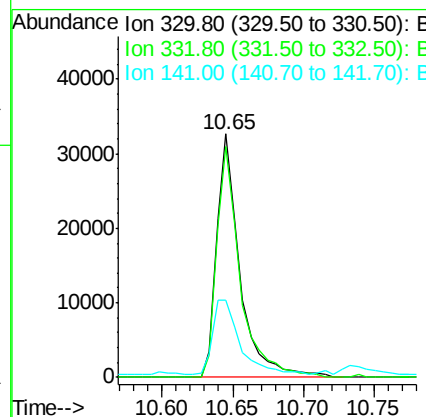
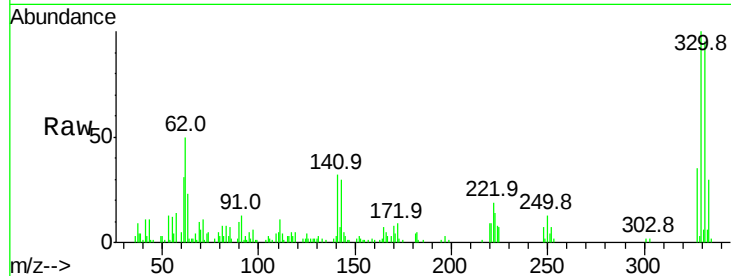
#41
 2,4,6-Tribromophenol
 Concen: 19.368 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.00 min
 Lab File: BF101533.D
 Acq: 19 Dec 2017 20:09

Instrument :
 BNA_F
 ClientSampleId :
 NB-01-121817-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	36.7	29.9	44.9

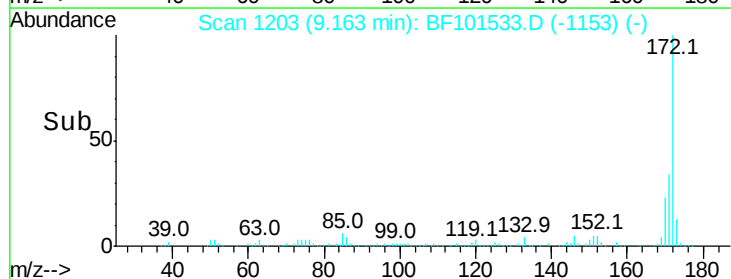
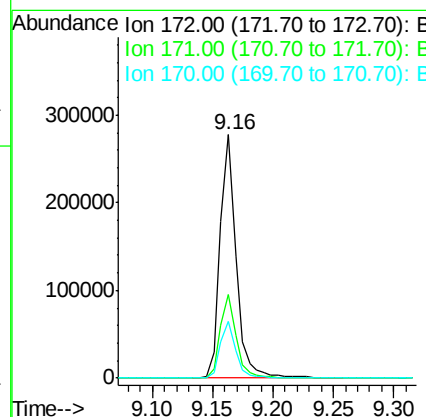
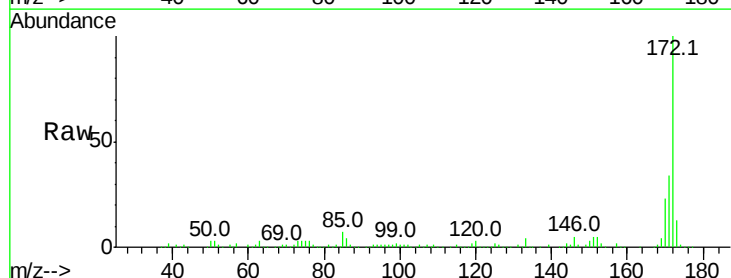
Manual Integrations
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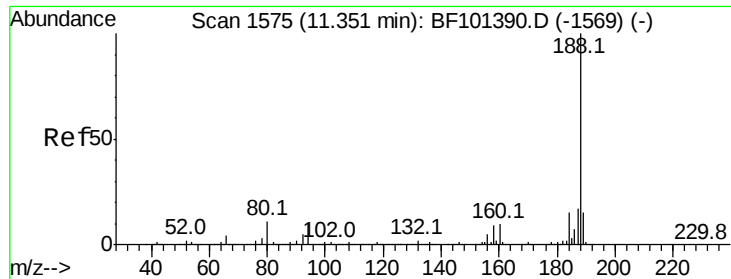
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#44
 2-Fluorobiphenyl
 Concen: 19.724 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF101533.D
 Acq: 19 Dec 2017 20:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.2	29.7	44.5
170	23.3	19.6	29.4





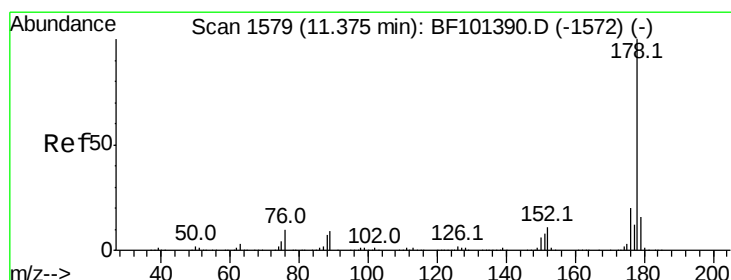
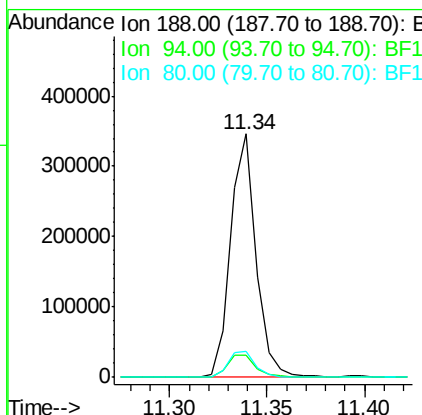
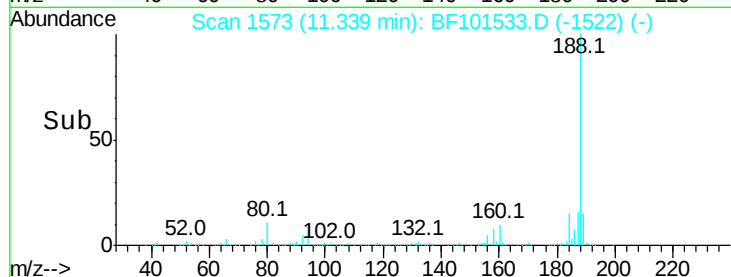
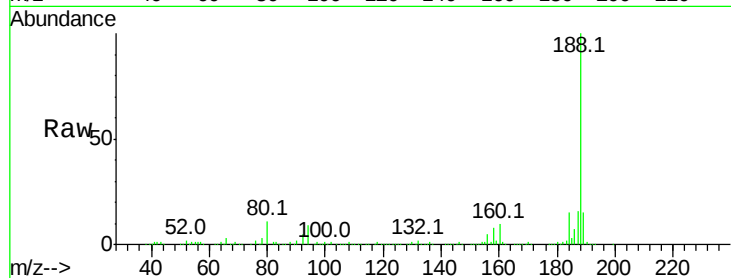
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF101533.D
Acq: 19 Dec 2017 20:09

Instrument :
BNA_F
ClientSampleId :
NB-01-121817-B

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.1	8.5	12.7
80	10.5	9.2	13.8

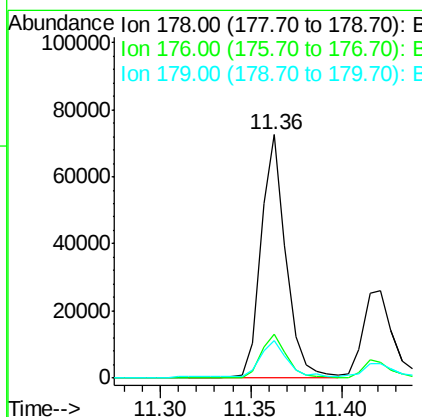
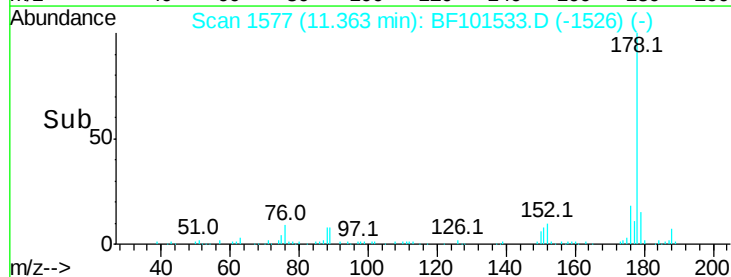
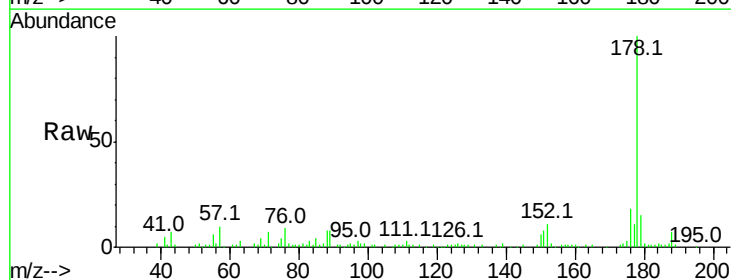
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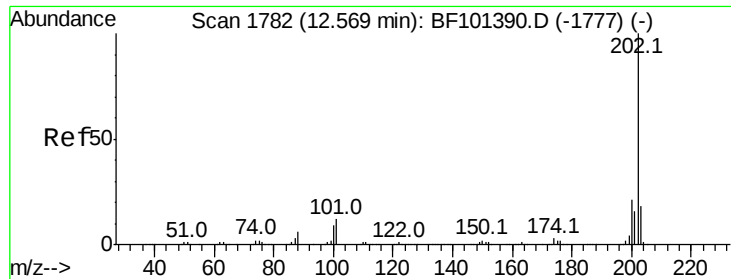
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#70
Phenanthrene
Concen: 3.991 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BF101533.D
Acq: 19 Dec 2017 20:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	17.9	15.8	23.8
179	15.3	13.0	19.6





#74

Fluoranthene

Concen: 8.668 ng

RT: 12.56 min Scan# 1780

Delta R.T. 0.00 min

Lab File: BF101533.D

Acq: 19 Dec 2017 20:09

Instrument :

BNA_F

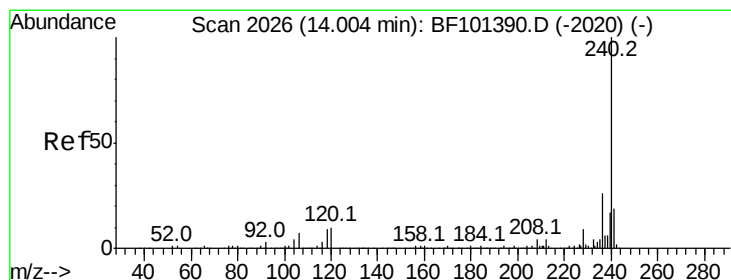
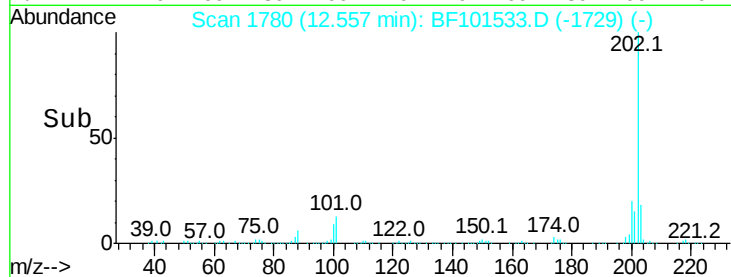
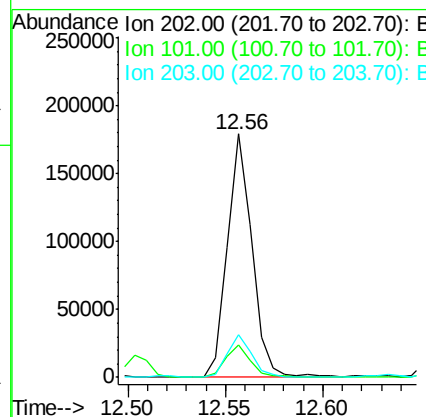
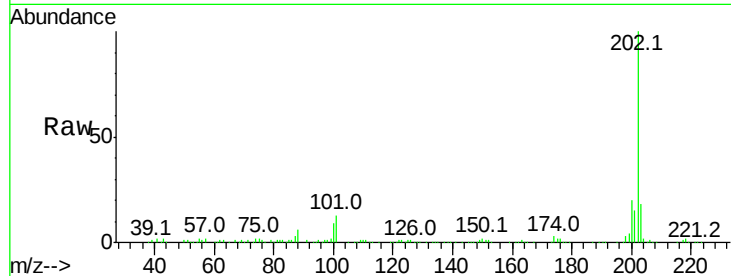
ClientSampleId :

NB-01-121817-B

Tot Ion	Ratio	Resp	Lower	Upper
202	100	158071		
101	13.1	0.0	34.1	
203	17.6	0.0	38.1	

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

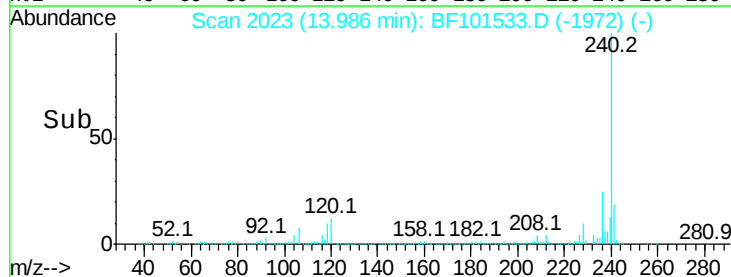
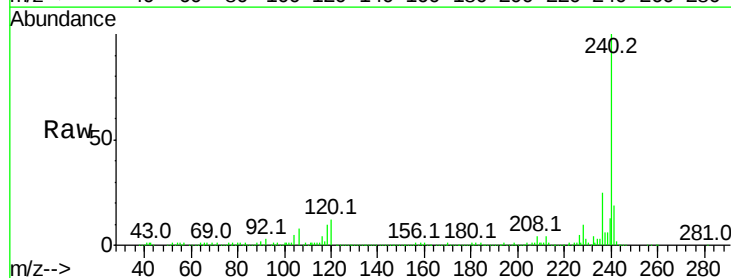
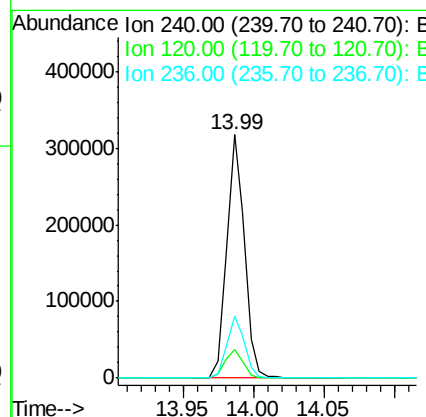
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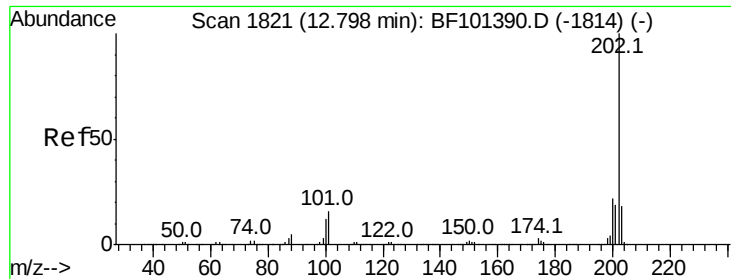
Delta R.T. 0.00 min

Lab File: BF101533.D

Acq: 19 Dec 2017 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	275321		
120	11.8	9.5	14.3	
236	25.4	20.7	31.1	





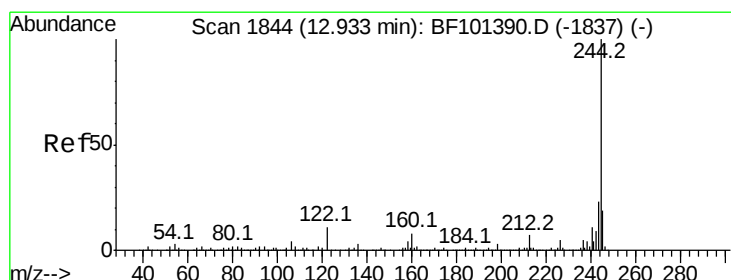
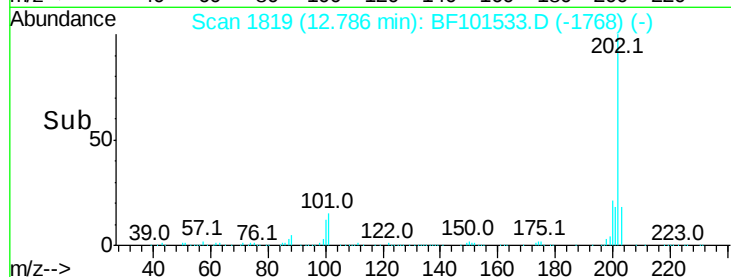
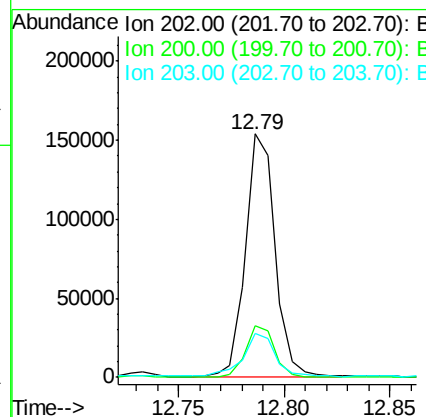
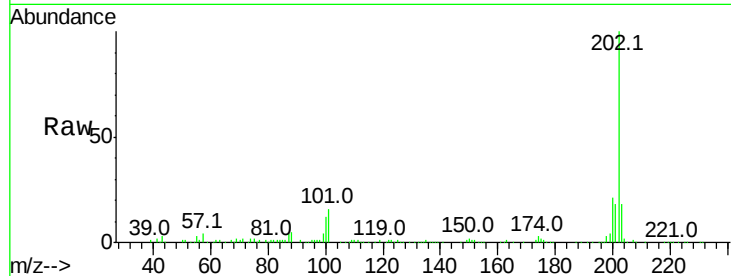
#77
Pvrene
Concen: 7.169 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.00 min
Lab File: BF101533.D
Acq: 19 Dec 2017 20:09

Instrument :
BNA_F
ClientSampleId :
NB-01-121817-B

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	18.2	14.3	21.5

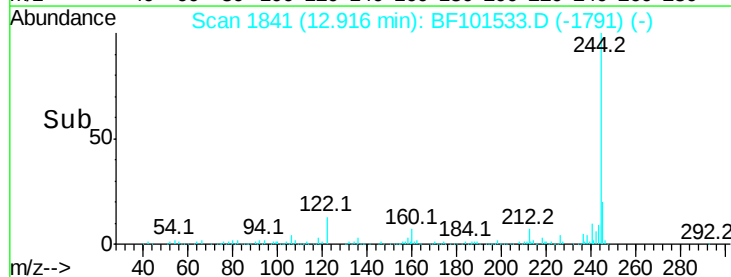
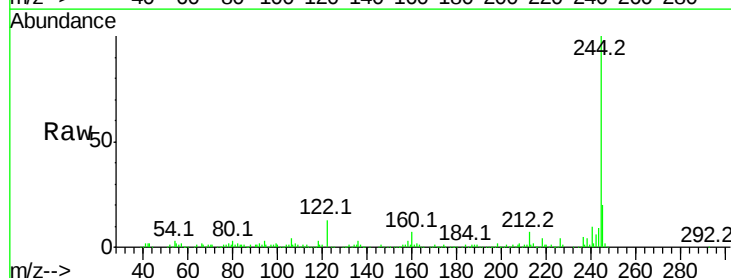
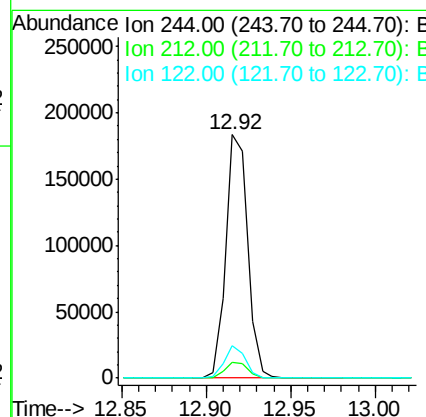
Manual Integrations
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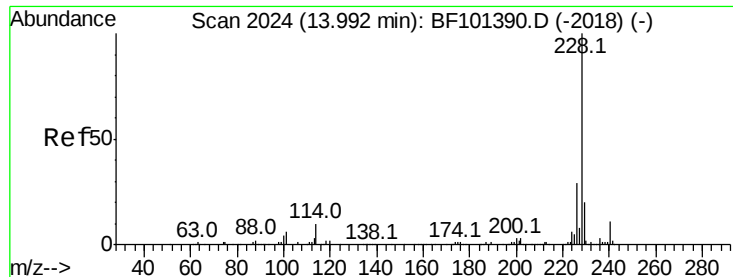
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#78
Terphenyl-d14
Concen: 14.542 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF101533.D
Acq: 19 Dec 2017 20:09

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	13.4	11.0	16.4





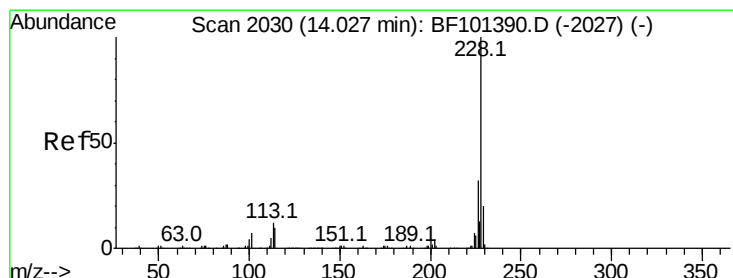
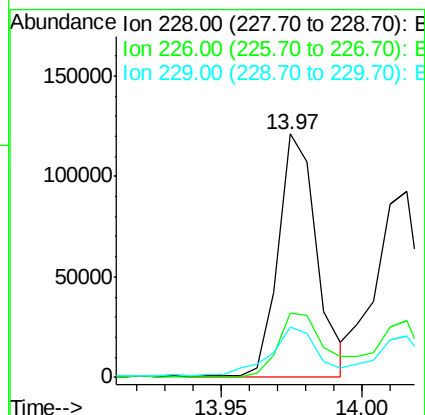
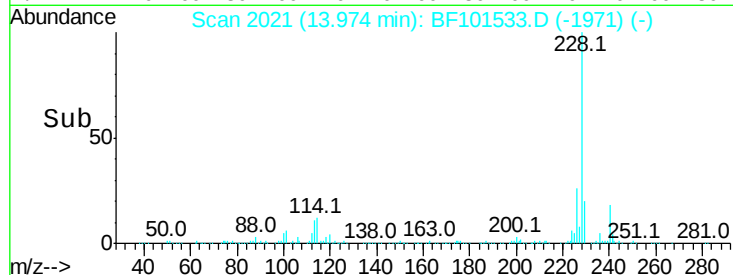
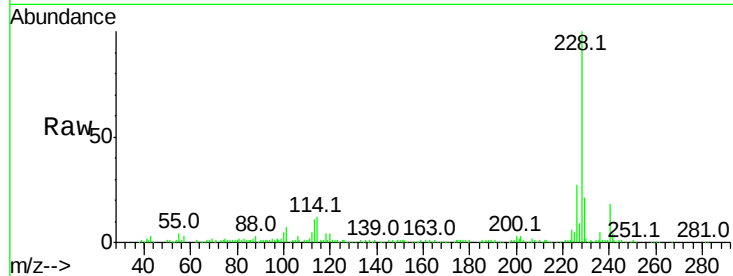
#80
Benzo(a)anthracene
Concen: 6.288 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF101533.D
Acq: 19 Dec 2017 20:09

Instrument :
BNA_F
ClientSampleId :
NB-01-121817-B

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.6	22.6	33.8
229	20.7	15.8	23.6

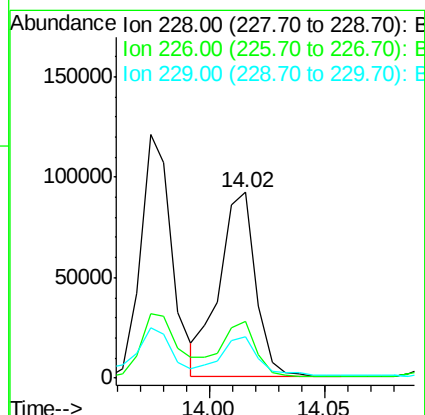
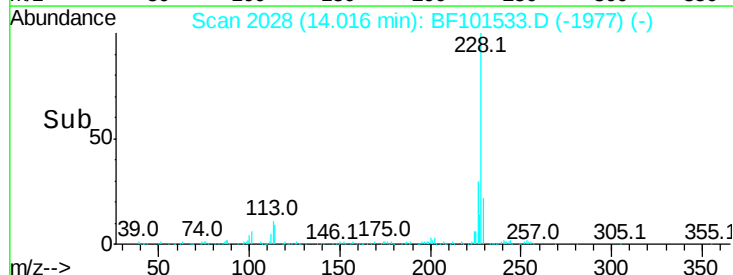
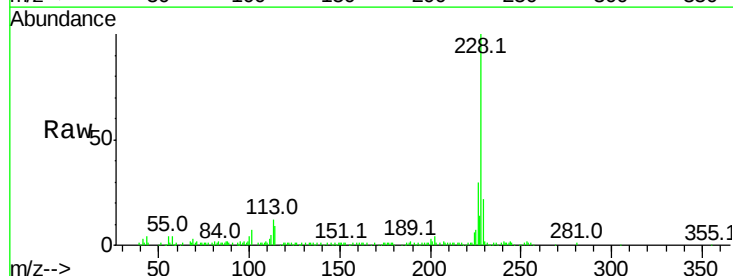
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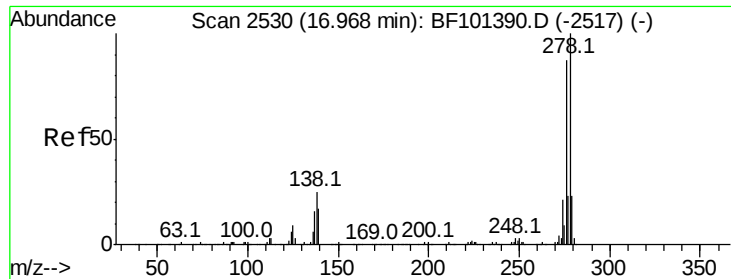
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#82
Chrysene
Concen: 5.851 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF101533.D
Acq: 19 Dec 2017 20:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	22.4	16.2	24.4





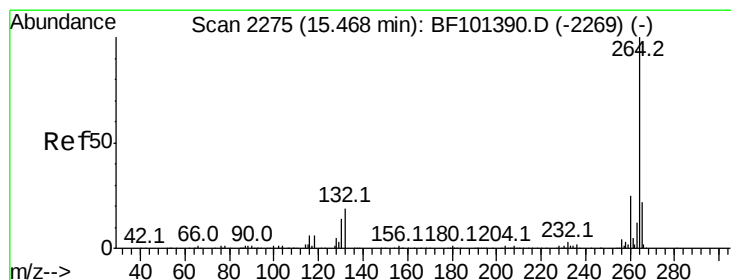
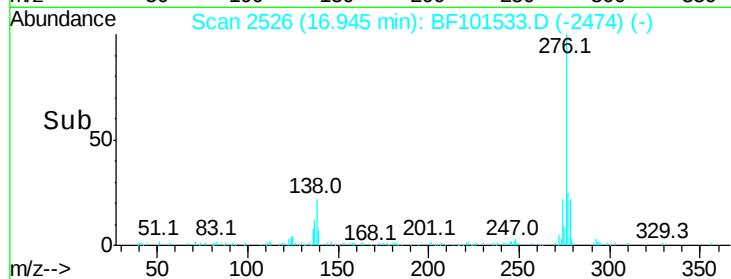
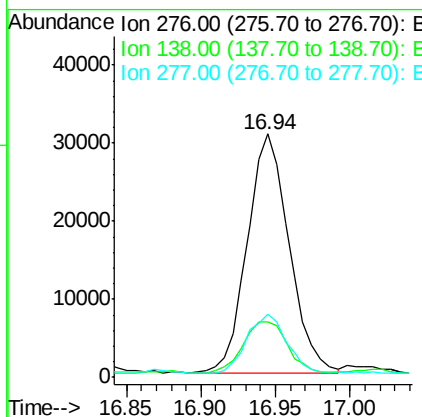
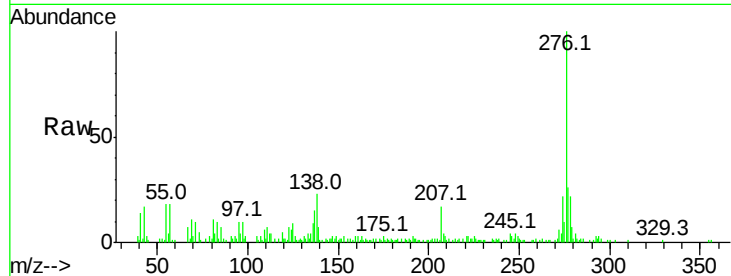
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.878 ng
RT: 16.94 min Scan# 2526
Delta R.T. 0.01 min
Lab File: BF101533.D
Acq: 19 Dec 2017 20:09

Instrument :
BNA_F
ClientSampleId :
NB-01-121817-B

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.4	25.0	37.6#
277	23.5	20.1	30.1

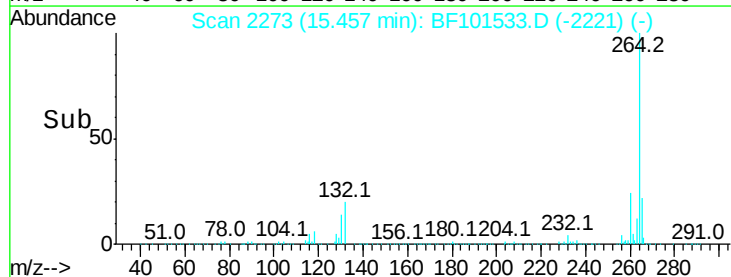
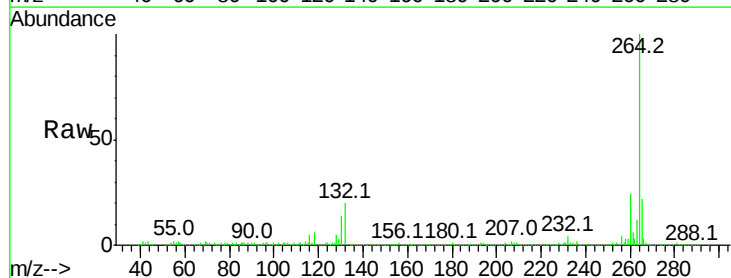
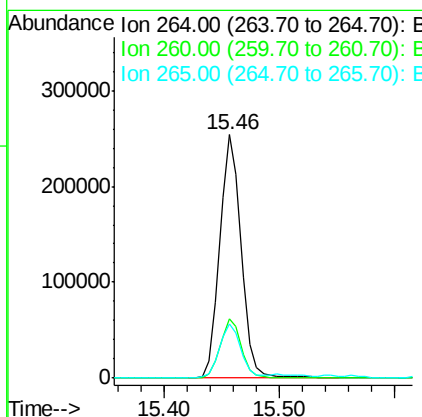
Manual Integrations
APPROVED

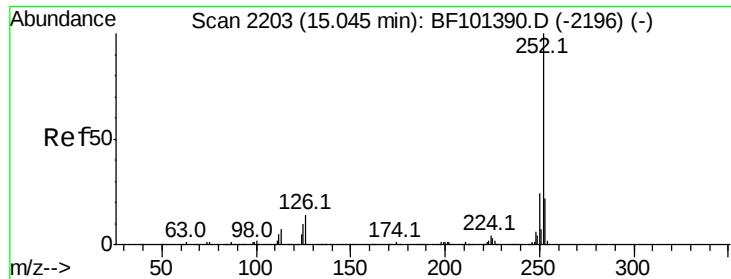
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF101533.D
Acq: 19 Dec 2017 20:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.5	17.5	26.3





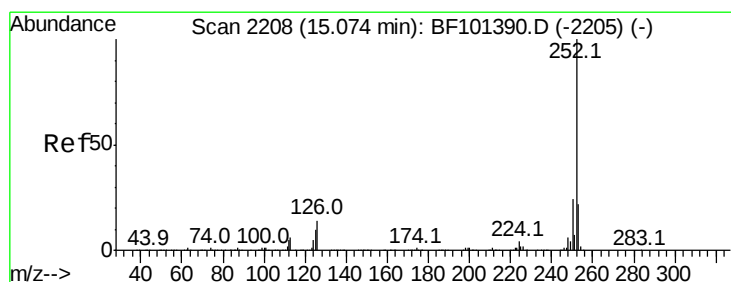
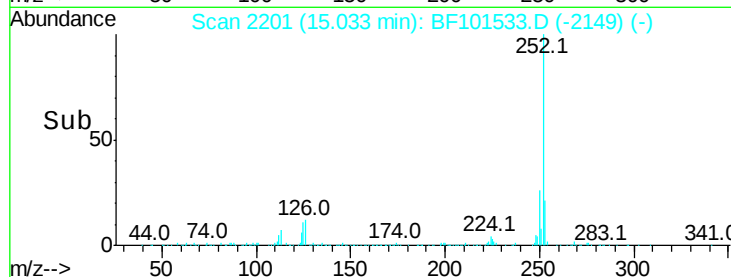
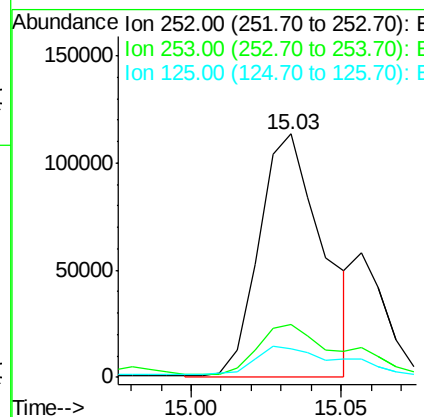
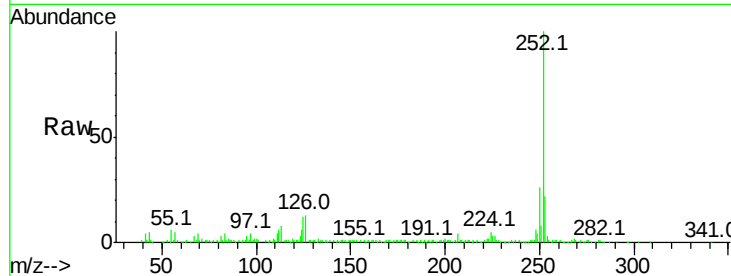
#87
Benzo(b)fluoranthene
Concen: 8.386 ng m
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BF101533.D
Acq: 19 Dec 2017 20:09

Instrument :
BNA_F
ClientSampleId :
NB-01-121817-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	11.8	9.0	13.6

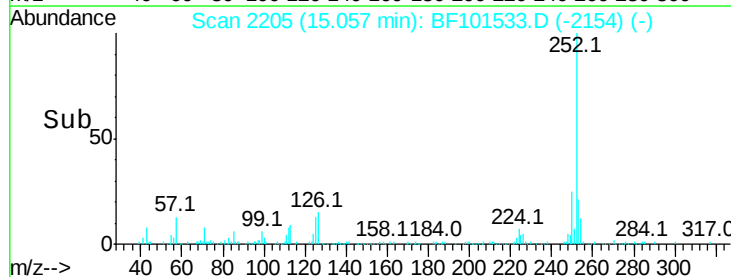
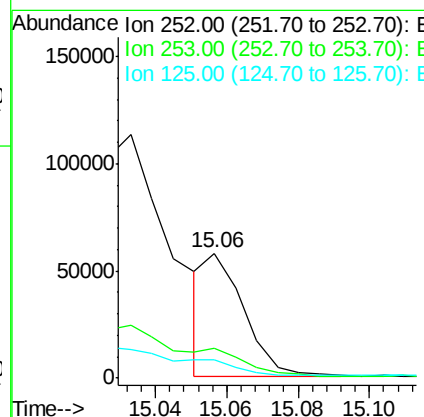
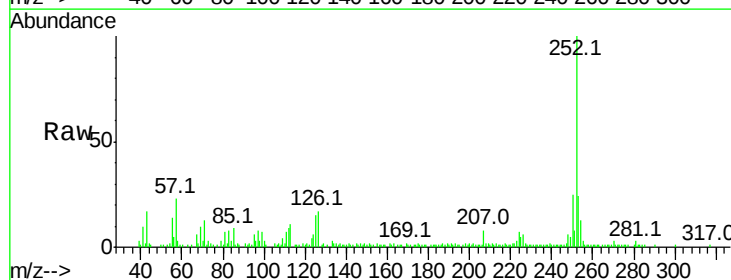
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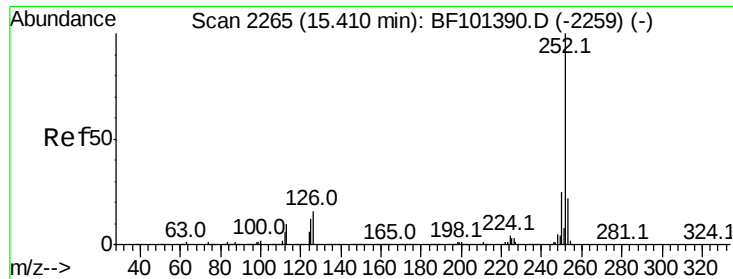
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#88
Benzo(k)fluoranthene
Concen: 2.259 ng m
RT: 15.06 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BF101533.D
Acq: 19 Dec 2017 20:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.9	26.9
125	14.6	10.2	15.2





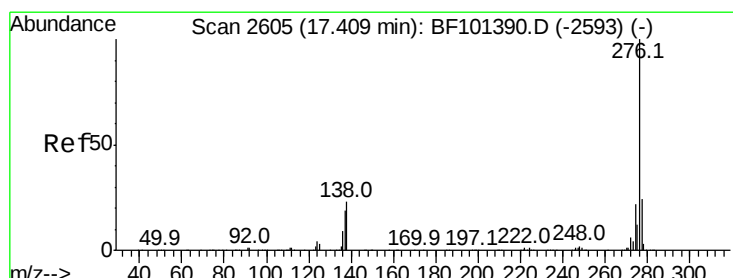
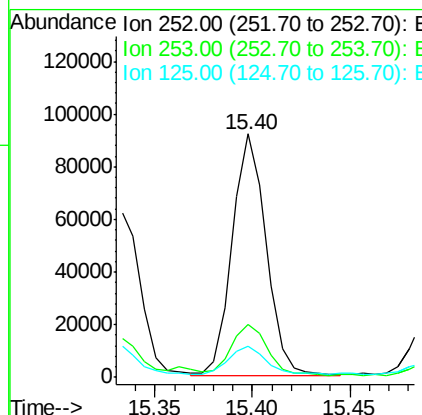
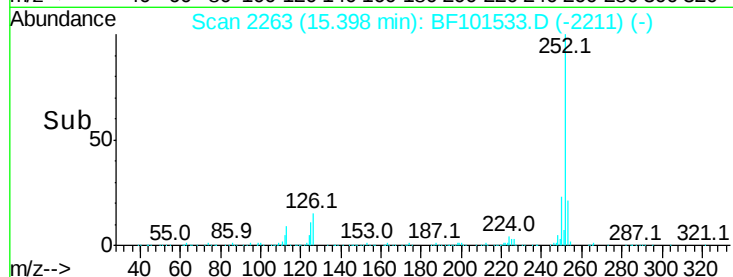
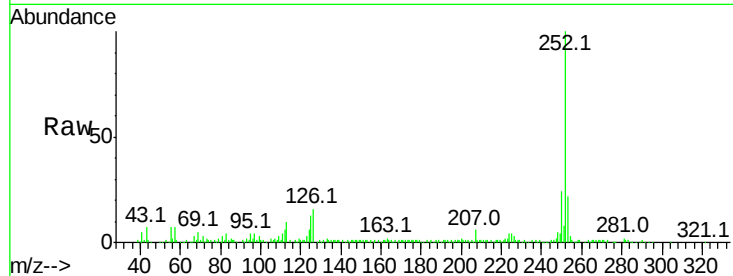
#89
Benzo(a)pyrene
Concen: 6.097 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BF101533.D
Acq: 19 Dec 2017 20:09

Instrument :
BNA_F
ClientSampleId :
NB-01-121817-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	12.5	9.8	14.6

Manual Integrations
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12/20/2017 3:47:56 PM



#91
Benzo(g,h,i)perylene
Concen: 3.185 ng
RT: 17.40 min Scan# 2603
Delta R.T. 0.02 min
Lab File: BF101533.D
Acq: 19 Dec 2017 20:09

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.5	17.9	26.9
138	25.6	21.8	32.8

