

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
 Data File : BF112519.D
 Acq On : 12 Feb 2019 20:56
 Operator : JU/SJ
 Sample : K1343-23 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-L

Manual Integrations
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Sohil
 2/13/2019 11:12:24 AM

Quant Time: Feb 13 04:57:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	124967	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	435962	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	175265	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	316153	20.00	ng	0.00
76) Chrysene-d12	14.02	240	273163	20.00	ng	0.00
87) Perylene-d12	15.50	264	191939	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	371472	63.14	ng	-0.01
7) Phenol-d6	6.49	99	446691	54.64	ng	0.00
23) Nitrobenzene-d5	7.40	82	259580	34.31	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	97101	47.60	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	468324	37.79	ng	-0.01
79) Terphenyl-d14	12.95	244	486255	33.53	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	42371	3.112	ng	Qvalue # 94
71) Phenanthrene	11.39	178	113048	6.878	ng	98
75) Fluoranthene	12.59	202	171444	9.725	ng	99
78) Pyrene	12.82	202	163059	8.622	ng	97
81) Benzo(a)anthracene	14.00	228	68042	4.237	ng	95
83) Chrysene	14.04	228	64959m	4.238	ng	
88) Benzo(b)fluoranthene	15.06	252	60080m	5.234	ng	
90) Benzo(a)pyrene	15.44	252	41928	4.059	ng	# 80
92) Benzo(g,h,i)perylene	17.46	276	23633	3.009	ng	# 82

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

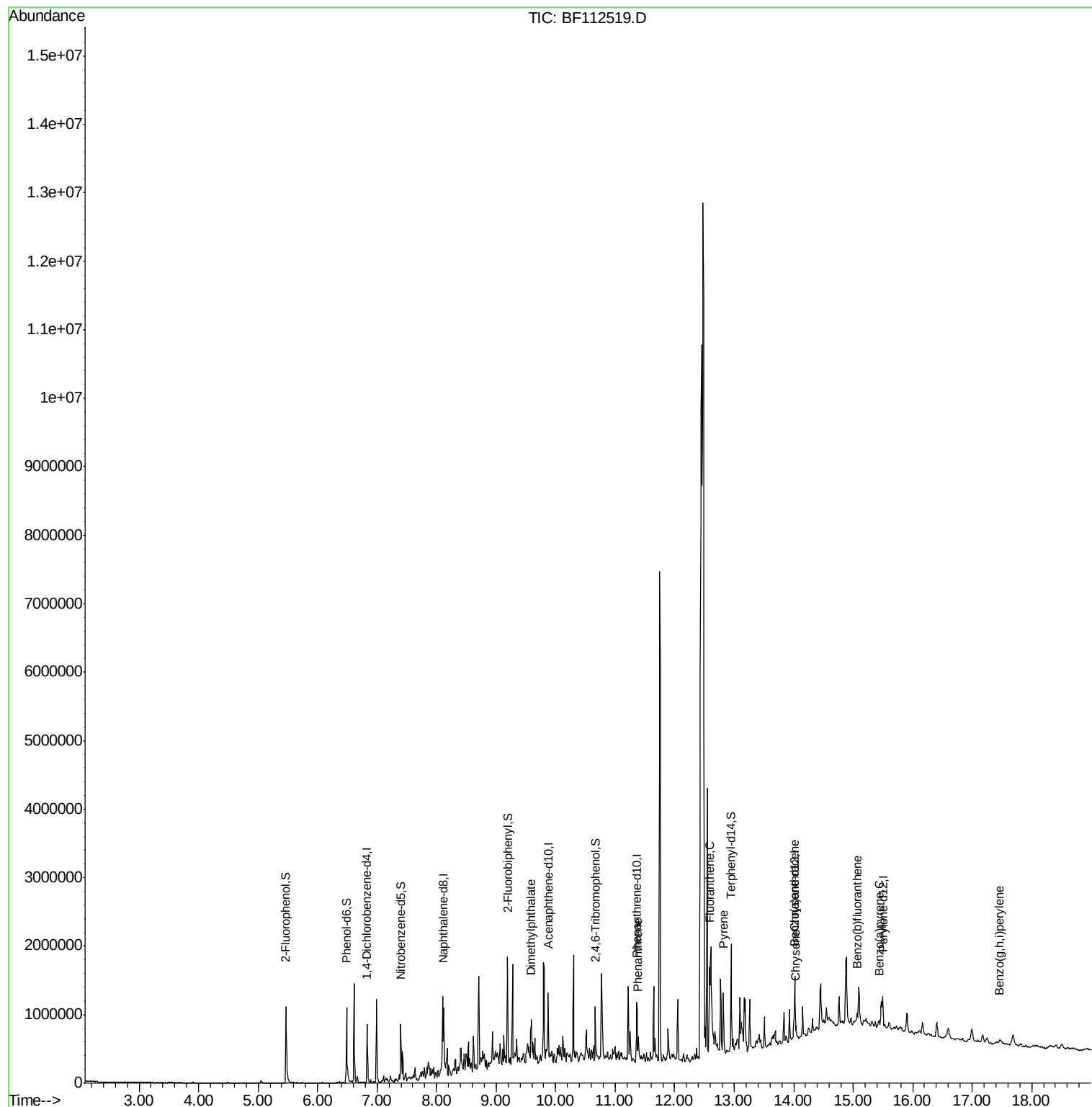
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112519.D
Acq On : 12 Feb 2019 20:56
Operator : JU/SJ
Sample : K1343-23 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

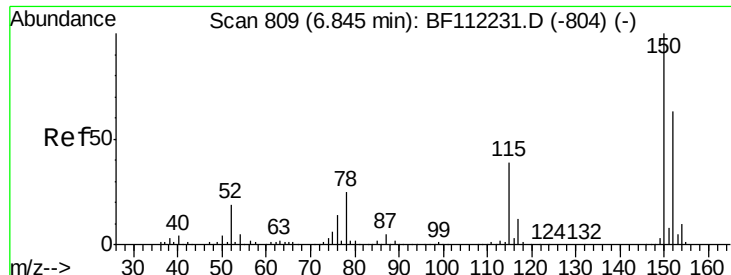
Instrument :
BNA_F
ClientSampleId :
JC-02-021119-L

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2/13/2019 11:12:24 AM

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

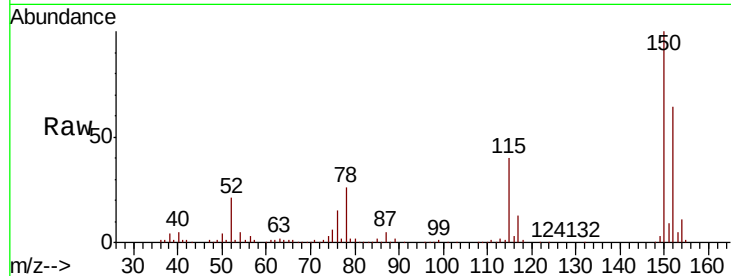
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112519.D
Acq: 12 Feb 2019 20:56

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-L

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	127.4	191.0
115	62.8	45.5	68.3

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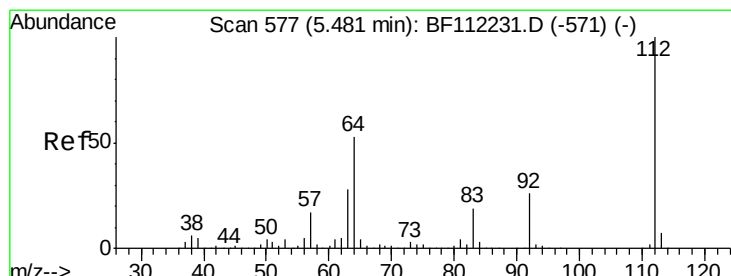
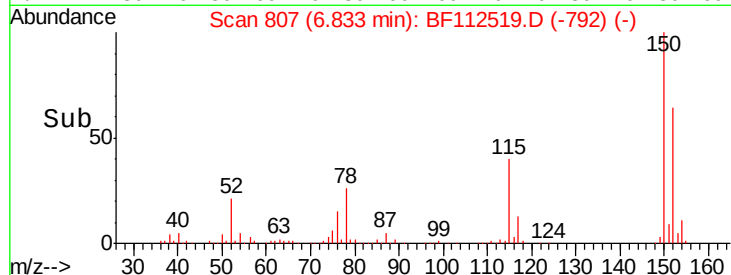
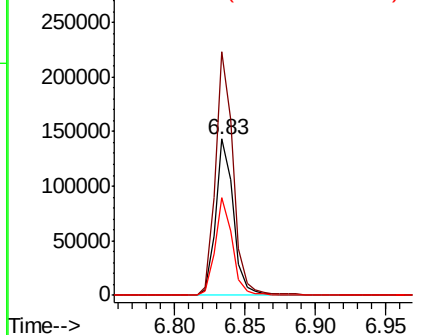


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

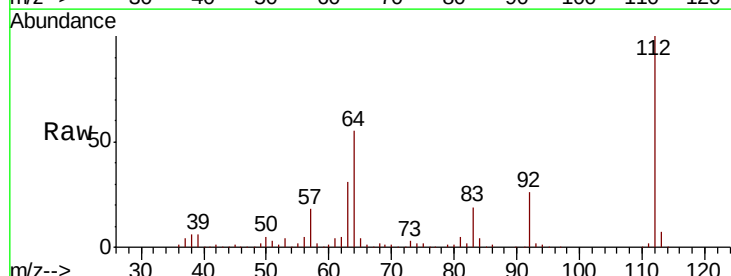
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 63.139 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF112519.D
Acq: 12 Feb 2019 20:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.6	45.7	68.5
63	30.7	23.6	35.4

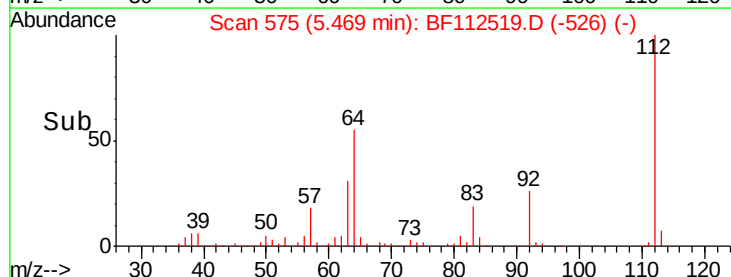
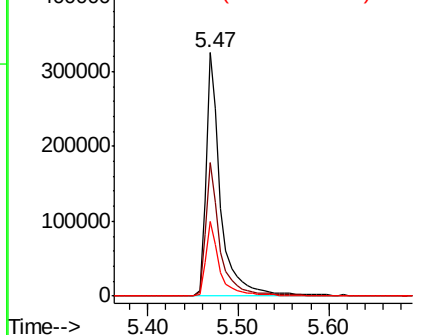


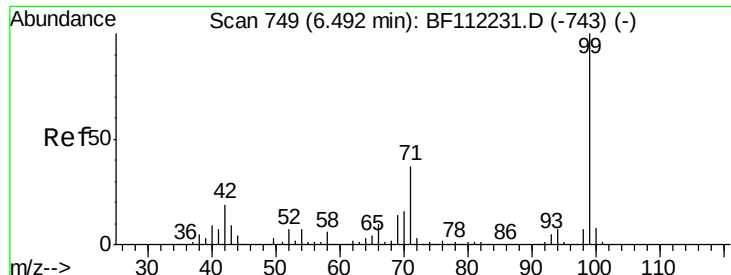
Abundance

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: 54.639 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112519.D

Acq: 12 Feb 2019 20:56

Instrument :

BNA_F

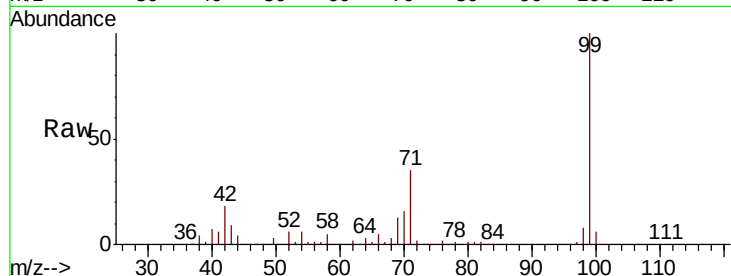
ClientSampled :

JC-02-021119-L

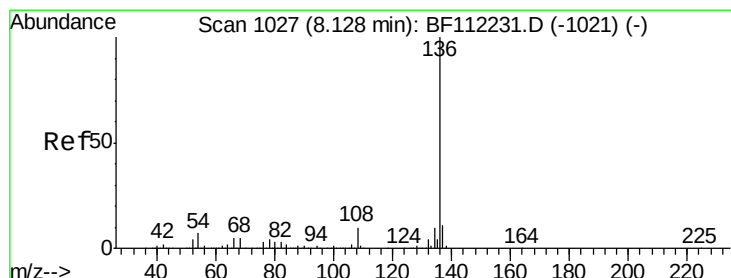
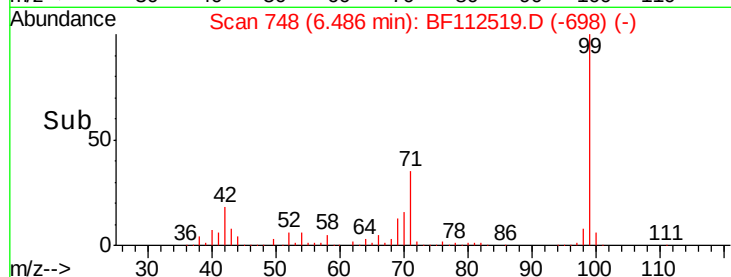
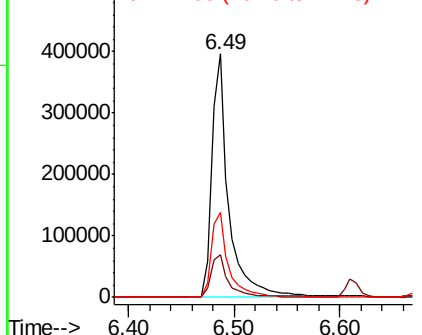
Tot Ion:	99	Resp:	446691
Ion Ratio	Lower	Upper	
99	100		
42	17.6	15.1	22.7
71	34.8	26.9	40.3

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

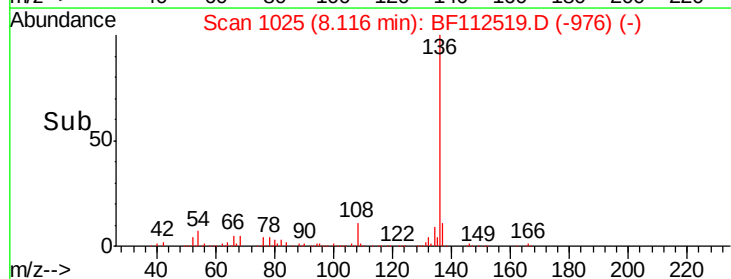
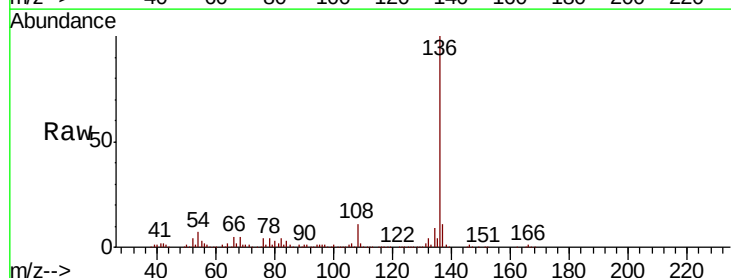
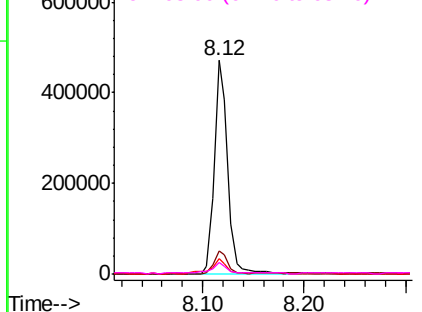
Delta R.T. -0.01 min

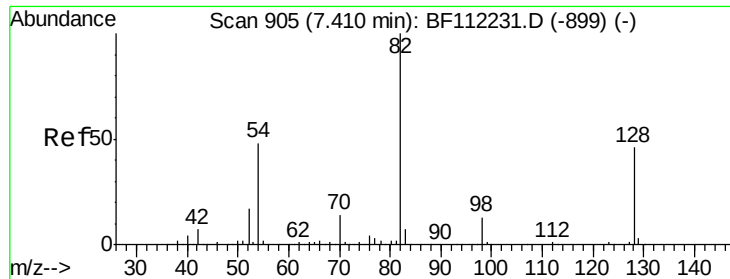
Lab File: BF112519.D

Acq: 12 Feb 2019 20:56

Tgt Ion:	136	Resp:	435962
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.1	13.7
54	6.9	5.9	8.9
68	5.1	5.1	7.7

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





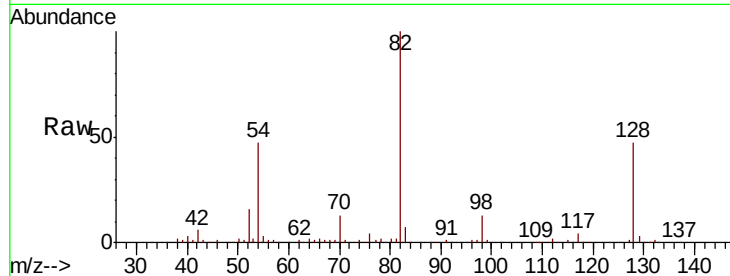
#23
 Nitrobenzene-d5
 Concen: 34.308 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF112519.D
 Acq: 12 Feb 2019 20:56

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-L

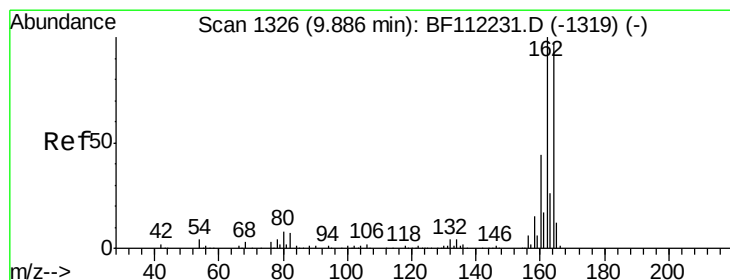
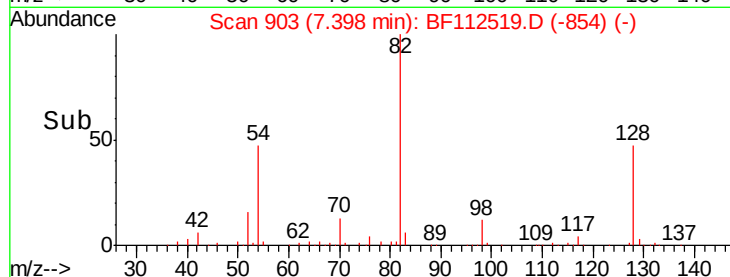
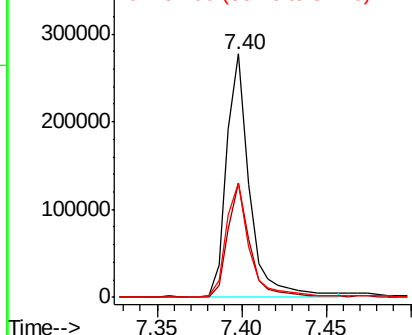
Tot Ion	Ratio	Resp	Lower	Upper
82	100	259580		
128	46.8		37.8	56.8
54	47.2		39.7	59.5

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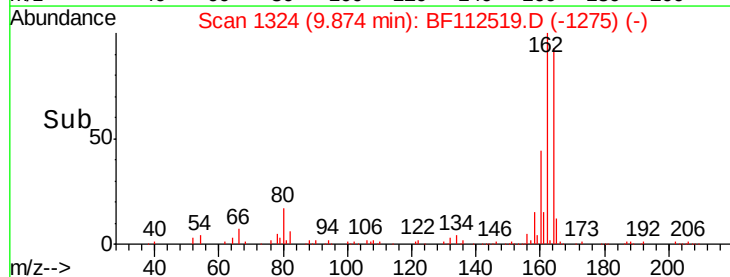
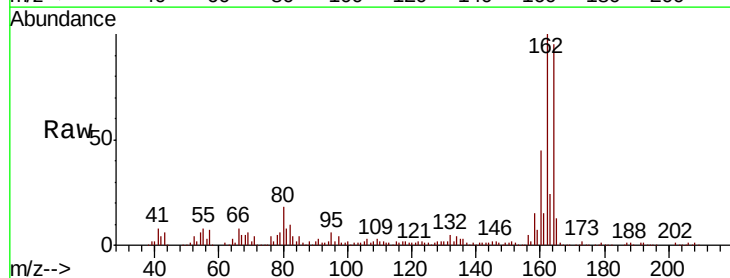
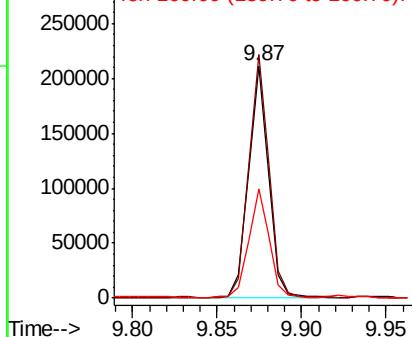
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

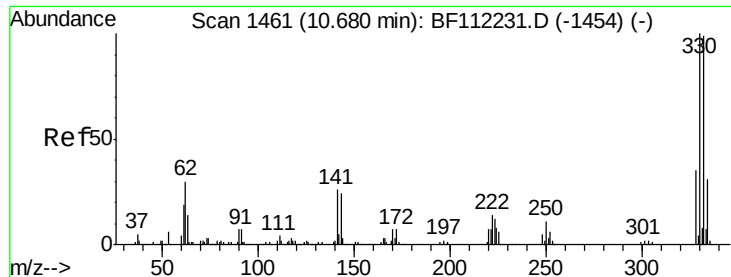


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF112519.D
 Acq: 12 Feb 2019 20:56

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	175265		
162	104.9		82.2	123.4
160	46.9		36.2	54.4

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





#42

2,4,6-Tribromophenol

Concen: 47.598 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF112519.D

Acq: 12 Feb 2019 20:56

Instrument :

BNA_F

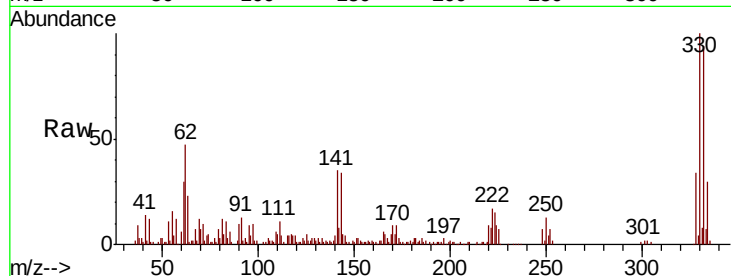
ClientSampleId :

JC-02-021119-L

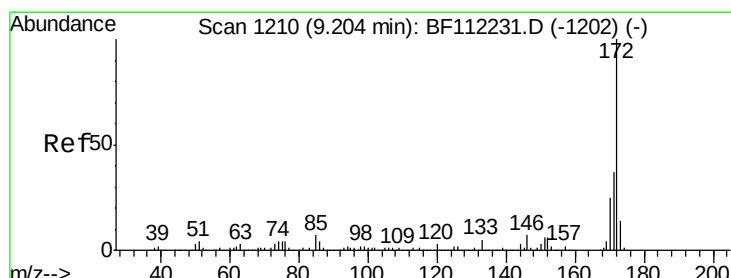
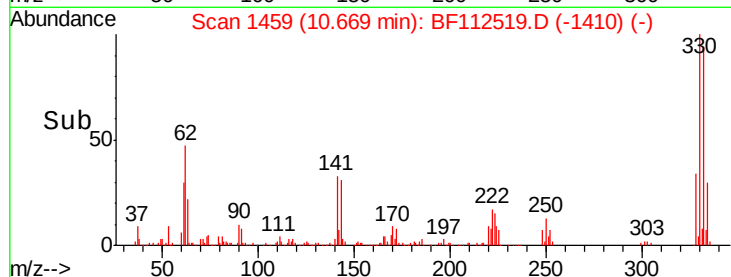
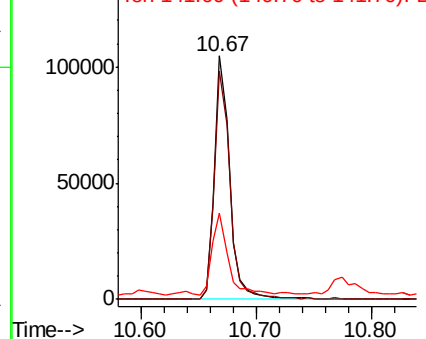
Tot Ion:	330	Resp:	97101
Ion Ratio	Lower	Upper	
330	100		
332	95.6	76.6	114.8
141	34.3	24.3	36.5

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 37.792 ng

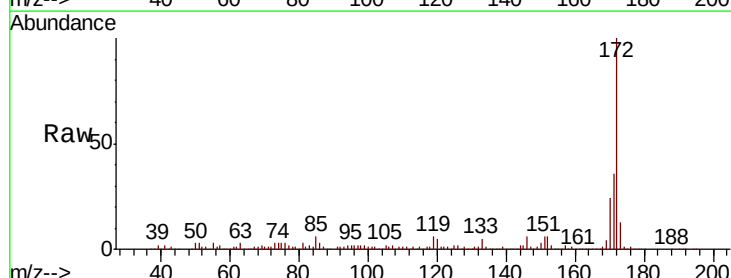
RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

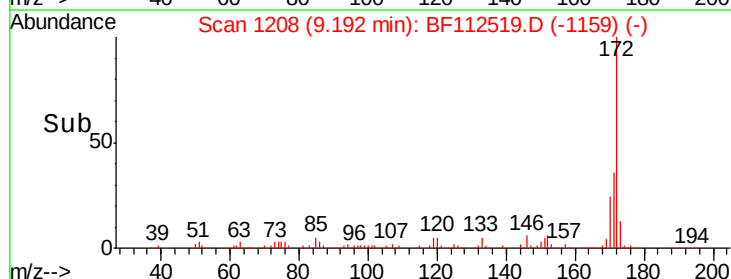
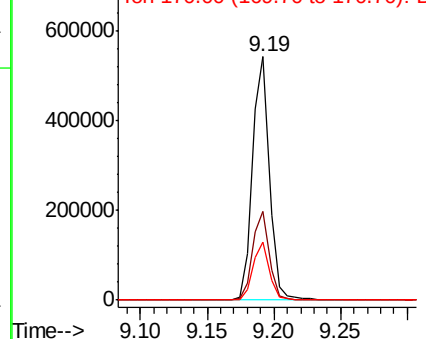
Lab File: BF112519.D

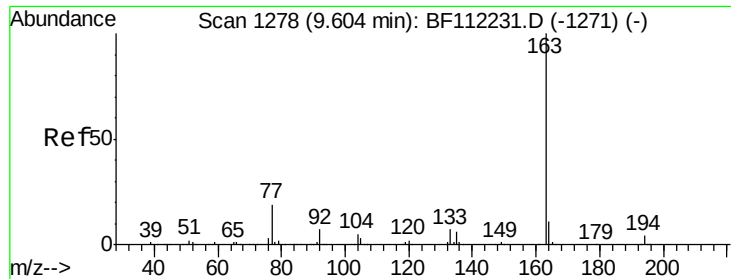
Acq: 12 Feb 2019 20:56

Tgt Ion:	172	Resp:	468324
Ion Ratio	Lower	Upper	
172	100		
171	36.2	30.5	45.7
170	23.7	20.2	30.4



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





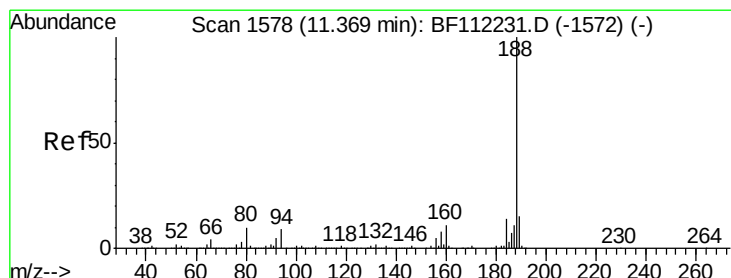
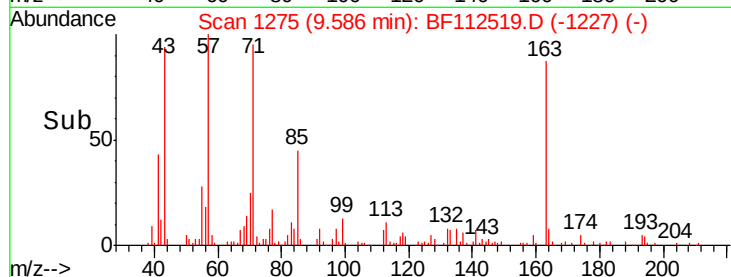
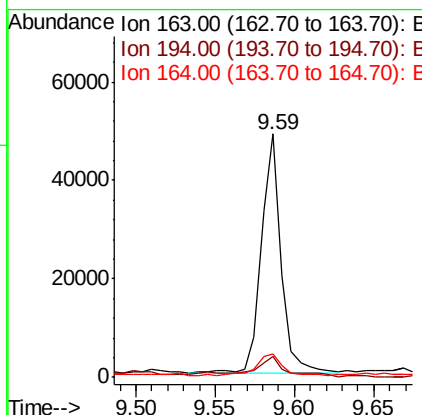
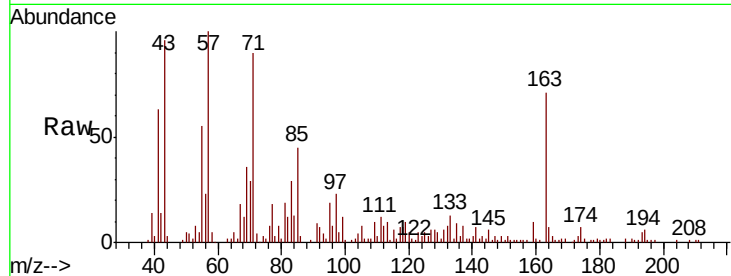
#50
Dimethylphthalate
Concen: 3.112 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF112519.D
Acq: 12 Feb 2019 20:56

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-L

Tot Ion	Ratio	Lower	Upper
163	100		
194	8.6	3.3	4.9#
164	9.5	8.5	12.7

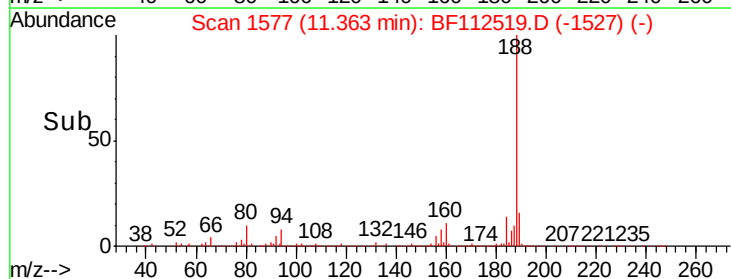
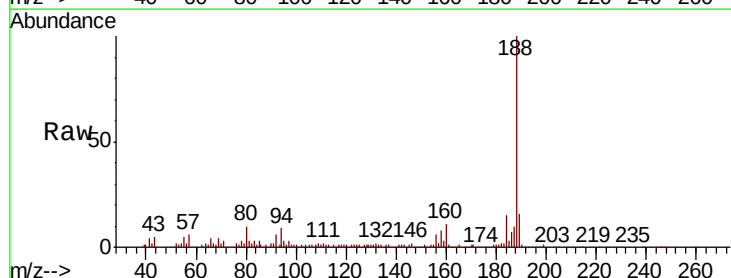
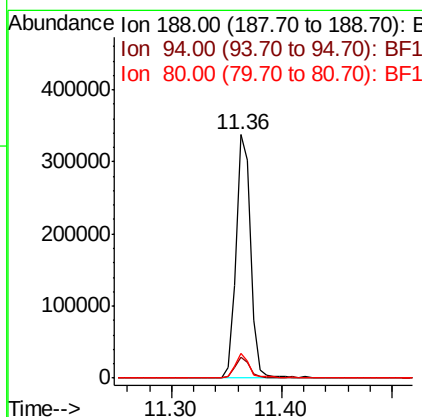
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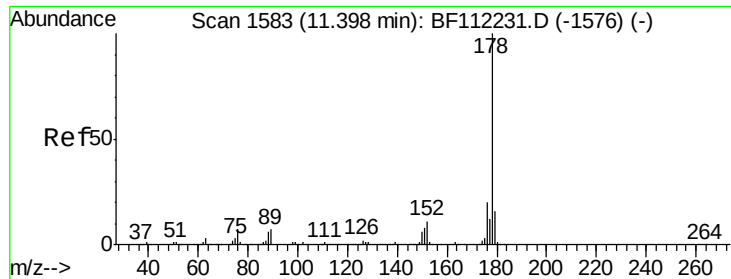
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112519.D
Acq: 12 Feb 2019 20:56

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.2	12.2
80	10.0	8.9	13.3





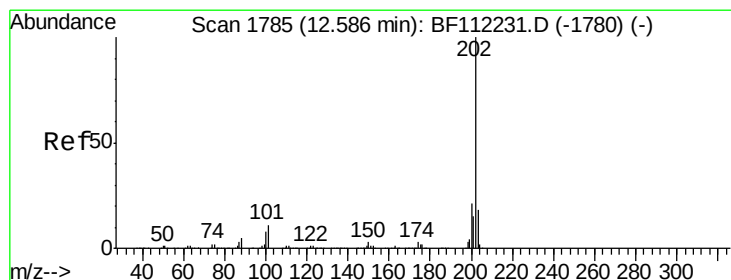
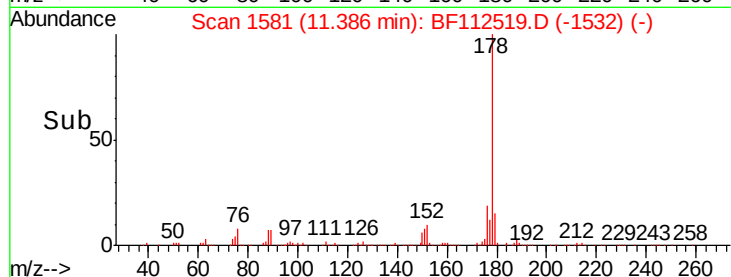
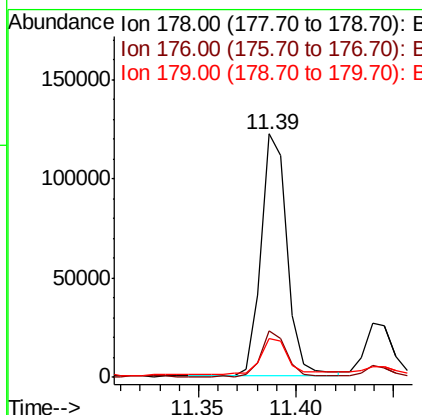
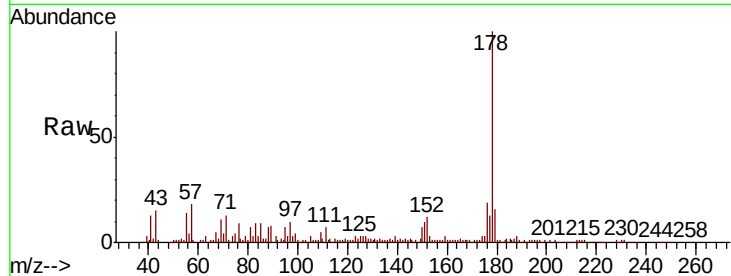
#71
Phenanthrene
Concen: 6.878 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF112519.D
Acq: 12 Feb 2019 20:56

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-L

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.3	24.5
179	15.7	13.0	19.4

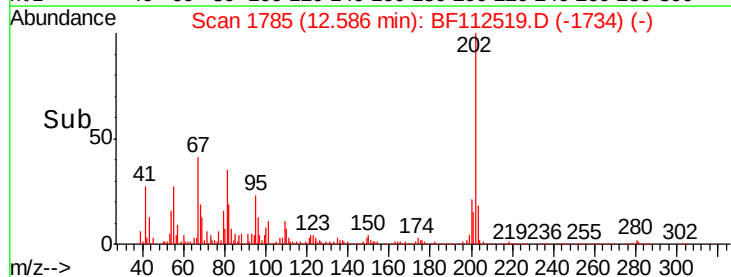
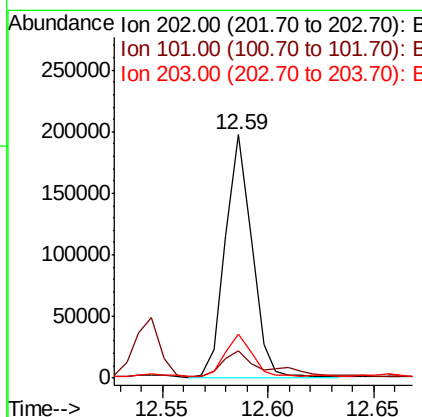
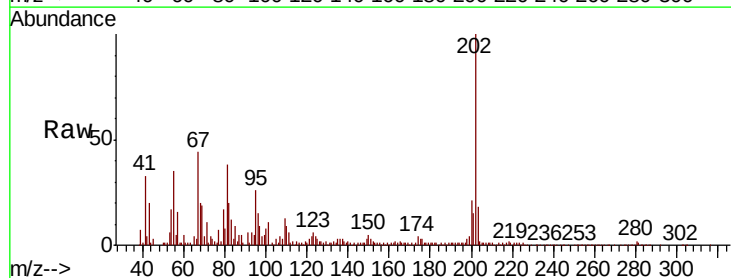
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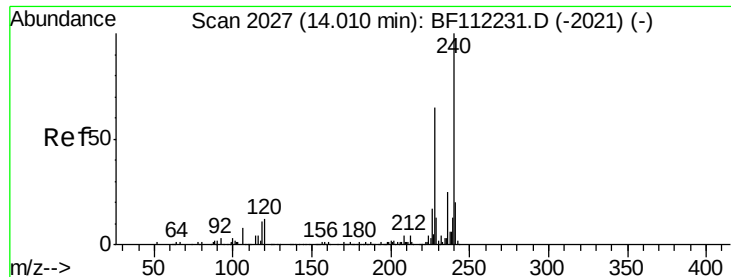
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#75
Fluoranthene
Concen: 9.725 ng
RT: 12.59 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BF112519.D
Acq: 12 Feb 2019 20:56

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	31.8
203	18.2	0.0	38.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BF112519.D

Acq: 12 Feb 2019 20:56

Instrument :

BNA_F

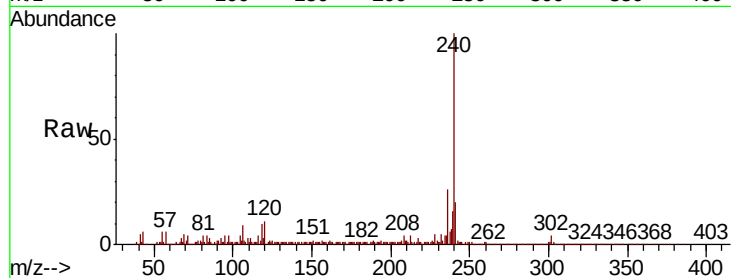
ClientSampleId :

JC-02-021119-L

Tot Ion:	240	Resp:	273163
Ion Ratio	Lower	Upper	
240	100		
120	11.3	9.0	13.6
236	26.4	20.7	31.1

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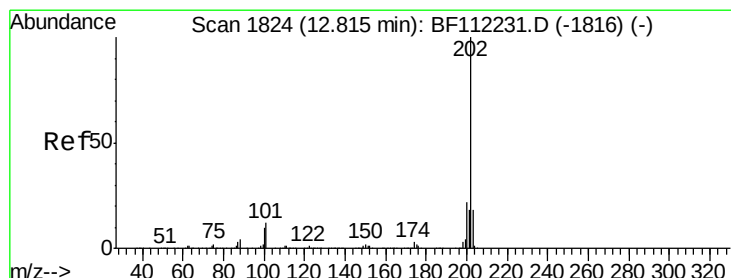
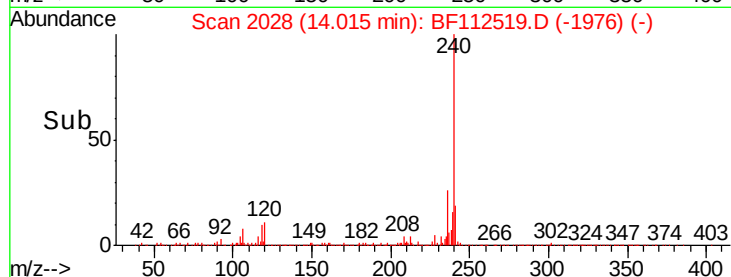
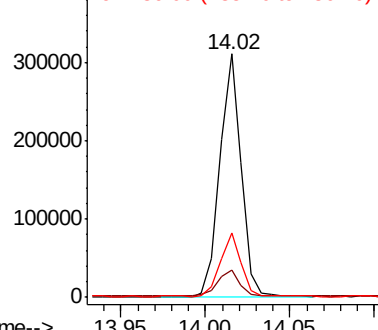


Abundance

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



#78

Pyrene

Concen: 8.622 ng

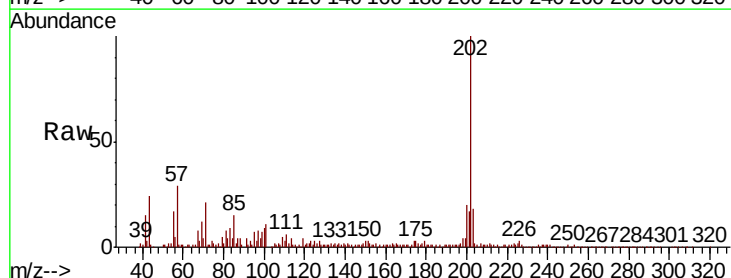
RT: 12.82 min Scan# 1825

Delta R.T. 0.01 min

Lab File: BF112519.D

Acq: 12 Feb 2019 20:56

Tgt Ion:	202	Resp:	163059
Ion Ratio	Lower	Upper	
202	100		
200	20.0	17.7	26.5
203	18.0	14.6	22.0

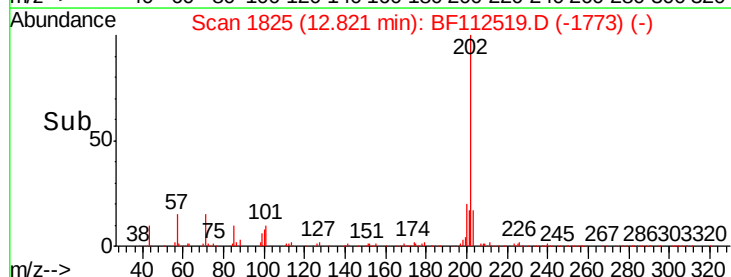
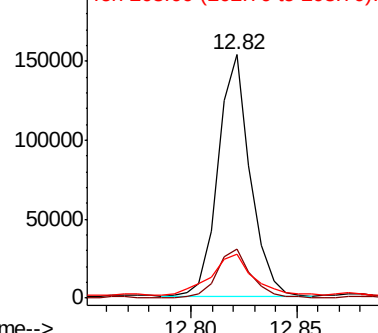


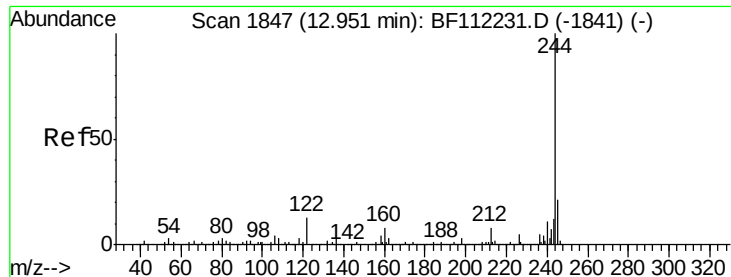
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 33.527 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.00 min

Lab File: BF112519.D

Acq: 12 Feb 2019 20:56

Instrument :

BNA_F

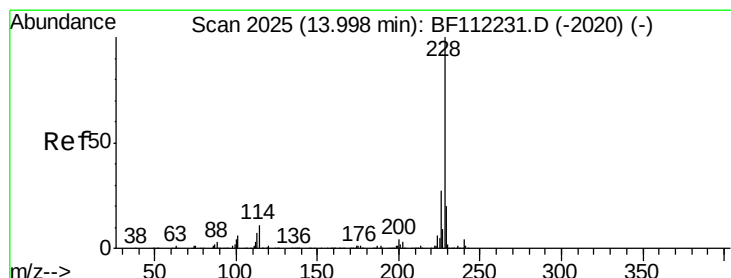
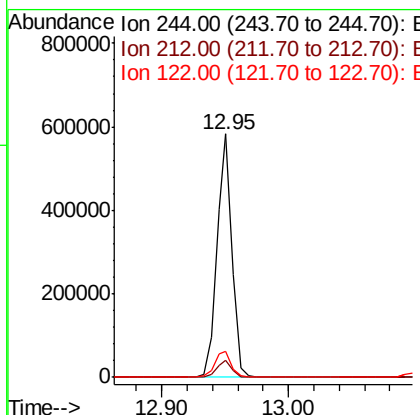
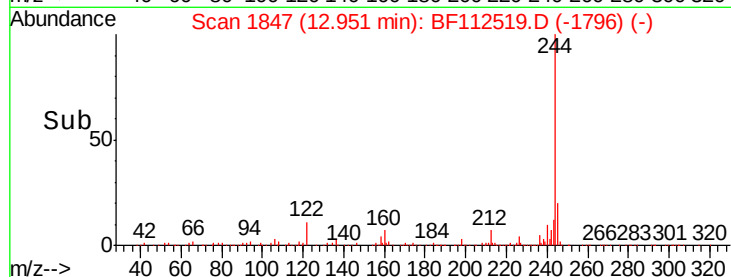
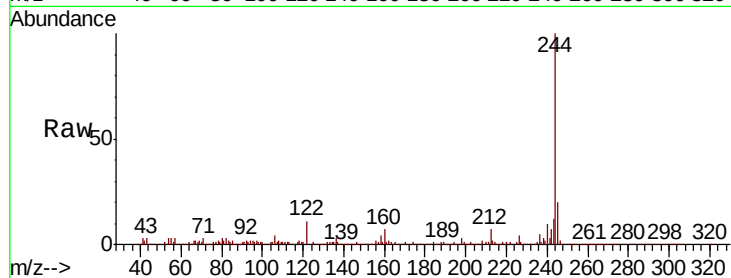
ClientSampled :

JC-02-021119-L

Tot Ion:	244	Resp:	486255
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.9	8.9
122	10.9	9.8	14.6

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#81

Benzo(a)anthracene

Concen: 4.237 ng

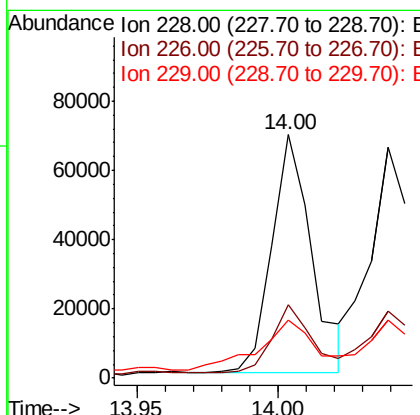
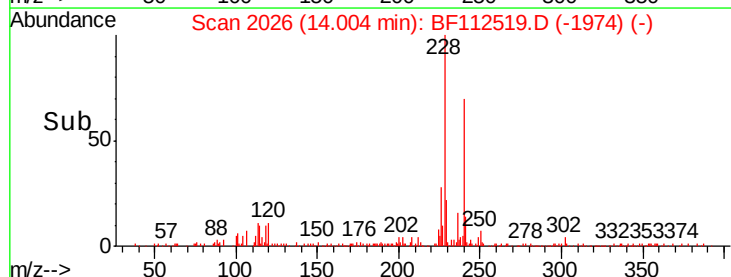
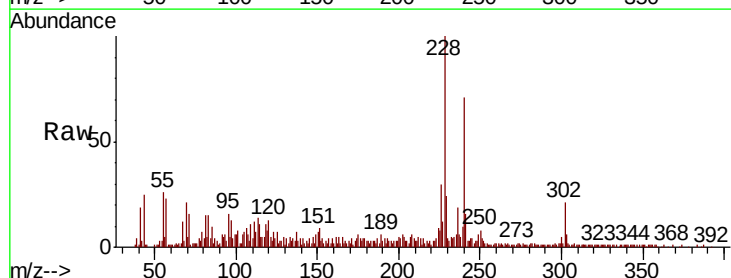
RT: 14.00 min Scan# 2026

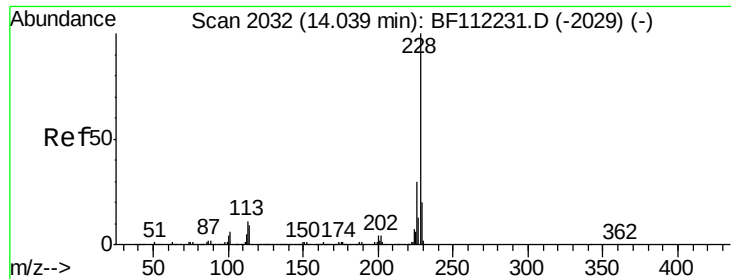
Delta R.T. 0.01 min

Lab File: BF112519.D

Acq: 12 Feb 2019 20:56

Tgt Ion:	228	Resp:	68042
Ion Ratio	Lower	Upper	
228	100		
226	29.9	22.6	34.0
229	23.7	16.5	24.7





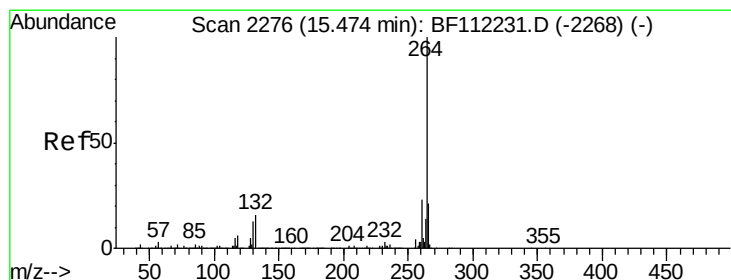
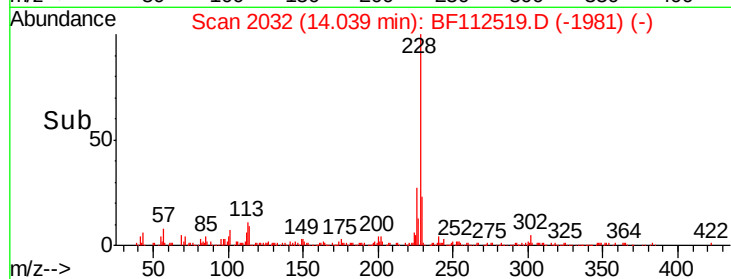
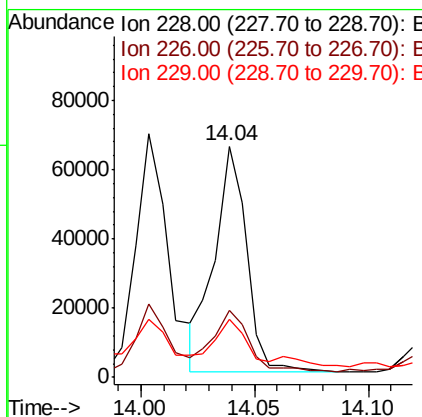
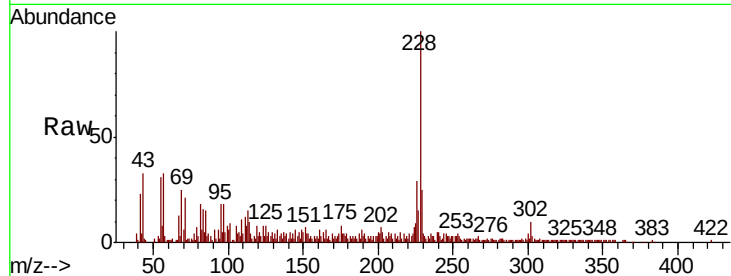
#83
Chrysene
Concen: 4.238 ng/mL
RT: 14.04 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BF112519.D
Acq: 12 Feb 2019 20:56

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-L

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	25.0	37.6
229	25.3	16.6	24.8

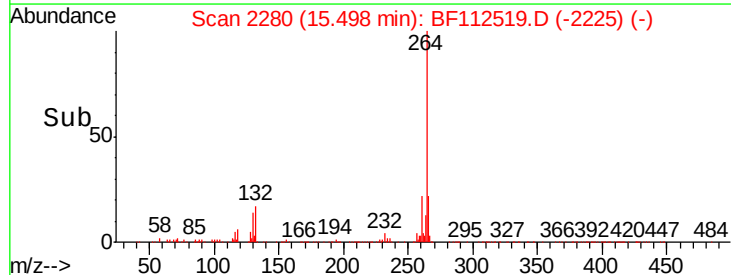
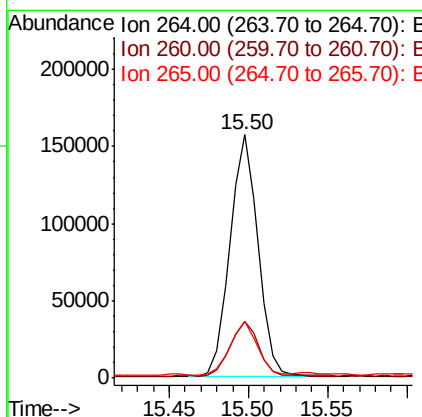
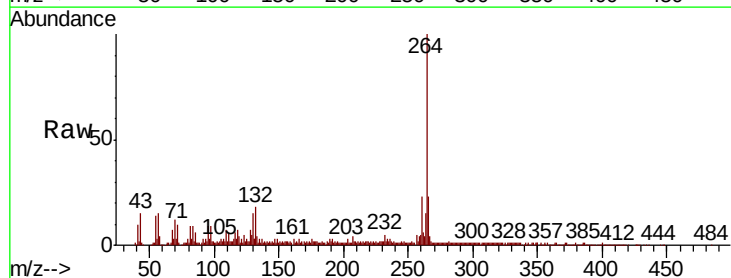
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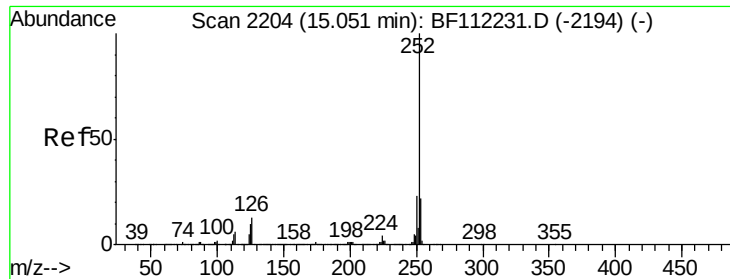
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.02 min
Lab File: BF112519.D
Acq: 12 Feb 2019 20:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.2
265	23.0	17.0	25.4





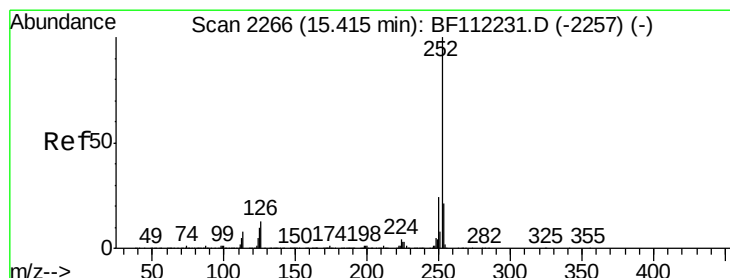
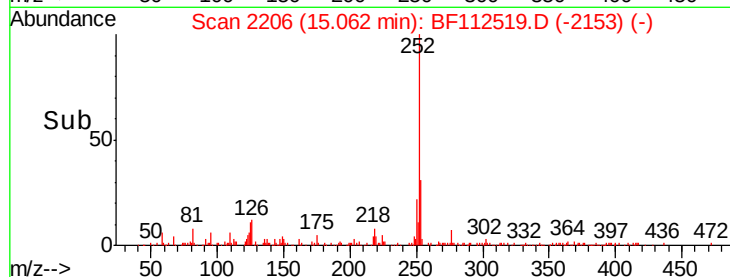
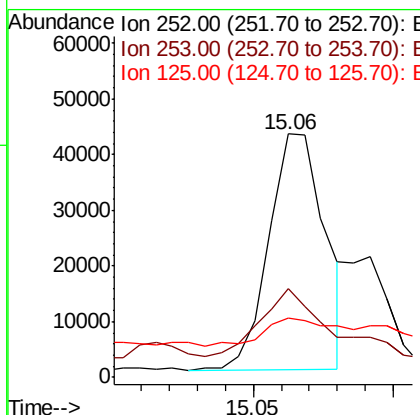
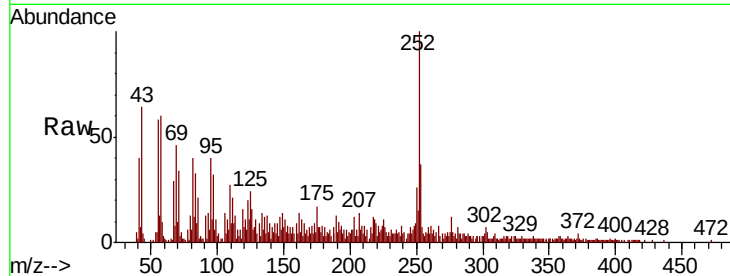
#88
Benzo(b)fluoranthene
Concen: 5.234 ng m
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF112519.D
Acq: 12 Feb 2019 20:56

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-L

Tot Ion	Ratio	Lower	Upper
252	100		
253	36.7	18.0	27.0#
125	24.5	8.7	13.1#

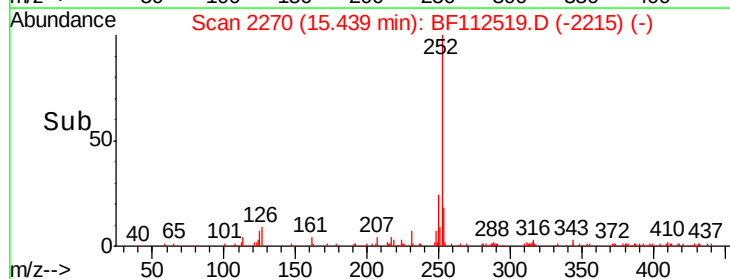
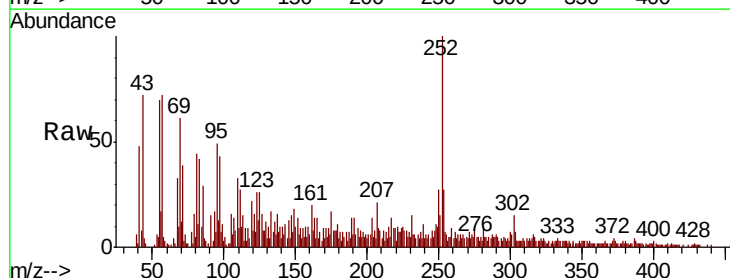
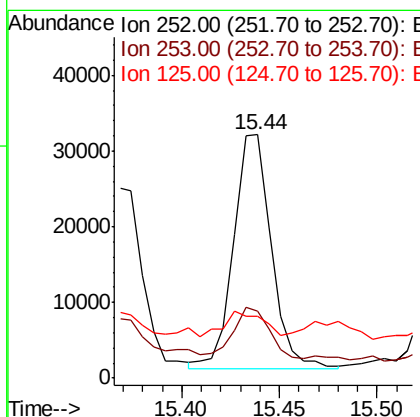
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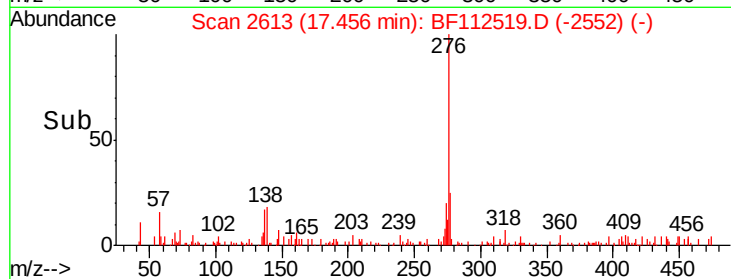
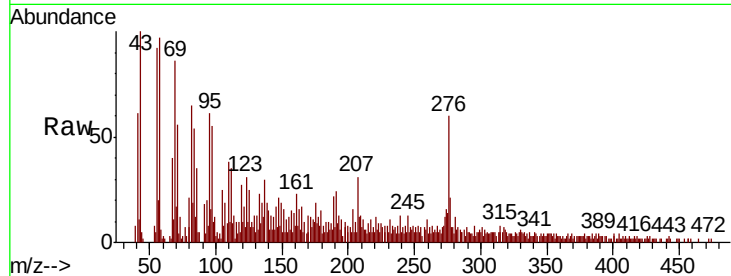
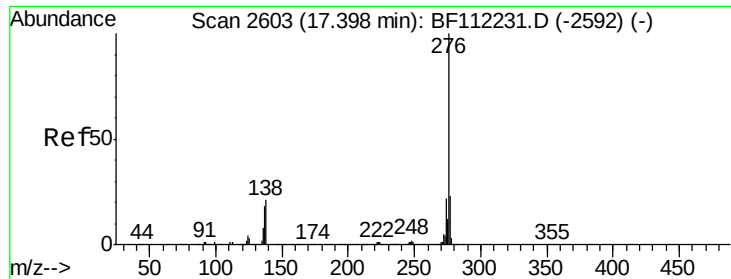
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#90
Benzo(a)pyrene
Concen: 4.059 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.02 min
Lab File: BF112519.D
Acq: 12 Feb 2019 20:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.3	17.5	26.3#
125	25.6	9.0	13.4#





#92
 Benzo(a,h,i)perylene
 Concen: 3.009 ng
 RT: 17.46 min Scan# 2613
 Delta R.T. 0.06 min
 Lab File: BF112519.D
 Acq: 12 Feb 2019 20:56

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-L

Tot Ion	Ratio	Lower	Upper
276	100		
277	35.0	19.4	29.0#
138	30.8	19.1	28.7#

Manual Integrations
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