

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
 Data File : BF120202.D
 Acq On : 24 Apr 2020 15:12
 Operator : MA/SJ
 Sample : L2378-07
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-S

Manual Integrations
 APPROVED

mohammad
 4/27/2020 3:04:41 PM

Quant Time: Apr 24 16:12:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 24 10:24:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	166475	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	608044	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	281306	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	428286	20.00	ng	0.00
76) Chrysene-d12	13.82	240	298054	20.00	ng	-0.01
87) Perylene-d12	15.22	264	259329	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	825732	85.72	ng	0.00
7) Phenol-d6	6.32	99	1057989	85.24	ng	0.00
23) Nitrobenzene-d5	7.23	82	657328	55.93	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	207404	60.22	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	1229820	62.07	ng	0.00
79) Terphenyl-d14	12.77	244	941971	53.18	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.42	163	176328	8.104	ng	100
71) Phenanthrene	11.20	178	154644	6.784	ng	96
75) Fluoranthene	12.39	202	204861	8.330	ng	95
78) Pyrene	12.62	202	179591	7.147	ng	95
81) Benzo(a)anthracene	13.81	228	97920	4.994	ng	94
83) Chrysene	13.84	228	84400	4.236	ng	95
88) Benzo(b)fluoranthene	14.83	252	103668m	5.557	ng	
90) Benzo(a)pyrene	15.16	252	67918	4.330	ng	100
92) Benzo(g,h,i)perylene	16.97	276	34240	2.497	ng	# 89

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

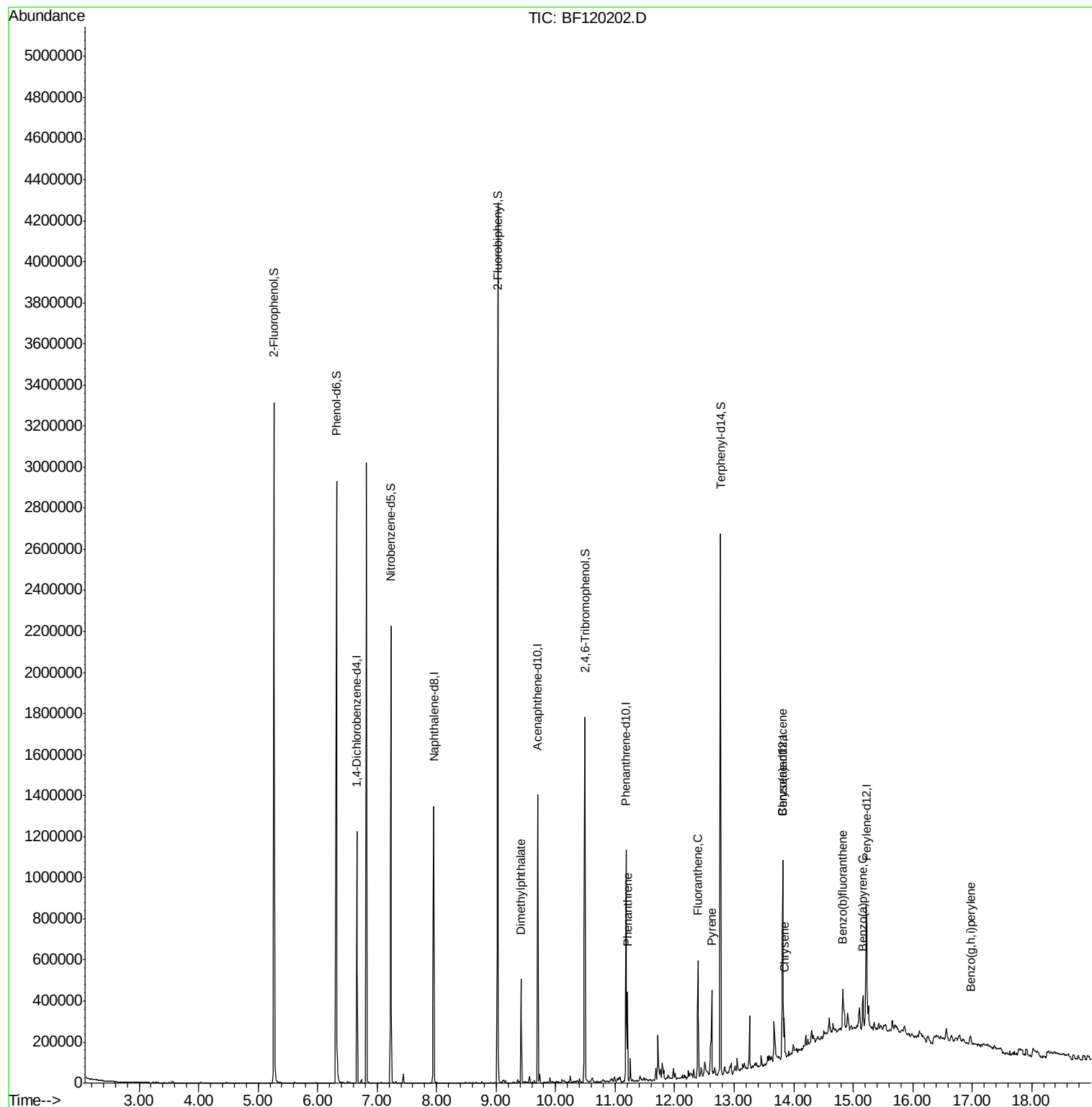
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120202.D
Acq On : 24 Apr 2020 15:12
Operator : MA/SJ
Sample : L2378-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

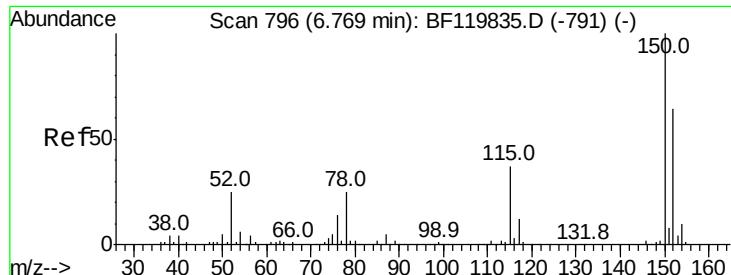
Instrument :
BNA_F
ClientSampleId :
TP-3-S

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Quant Time: Apr 24 16:12:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

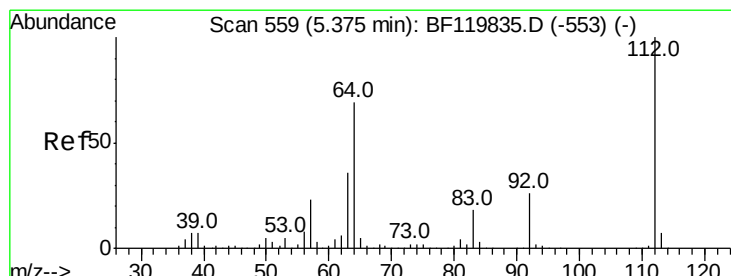
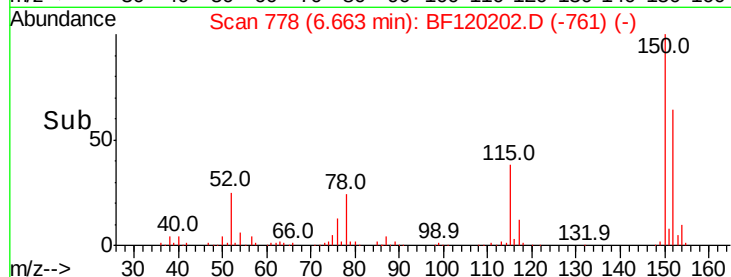
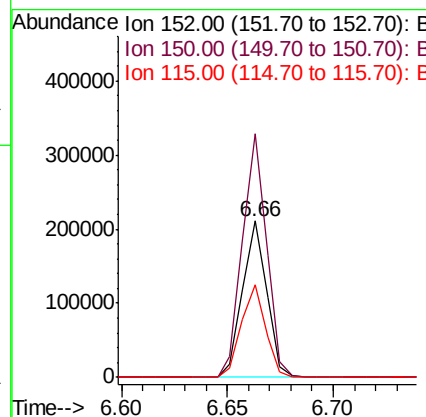
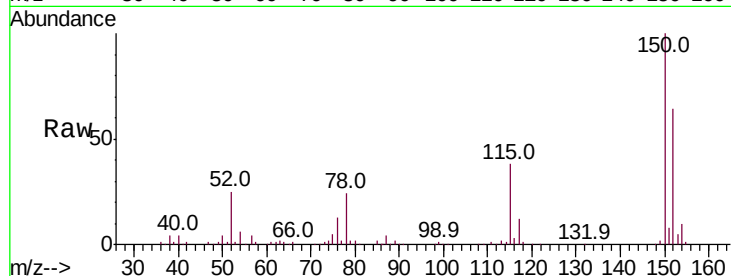
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF120202.D
Acq: 24 Apr 2020 15:12

Instrument :
BNA_F
ClientSampleId :
TP-3-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.5	186.7
115	59.7	49.6	74.4

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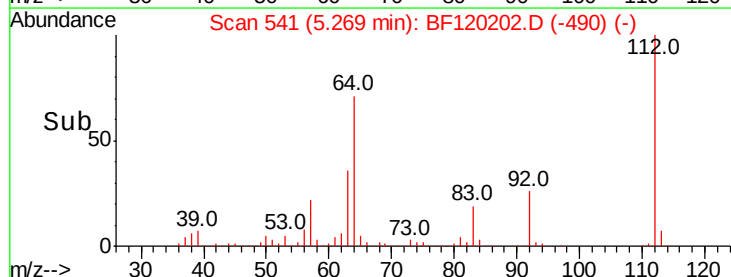
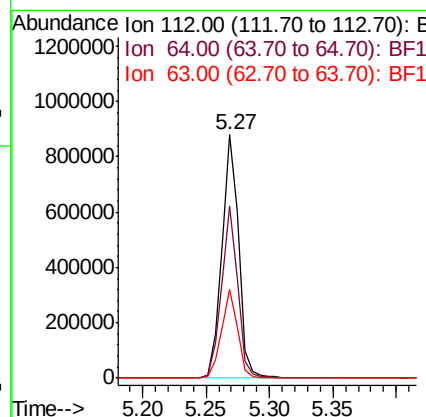
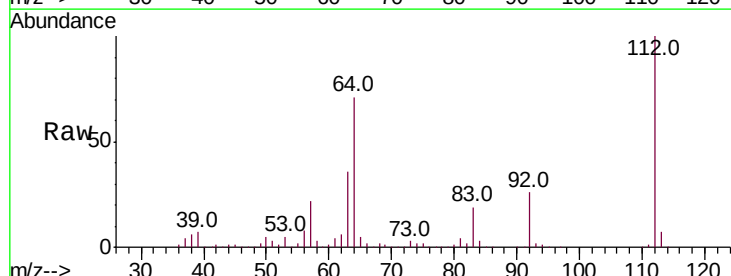
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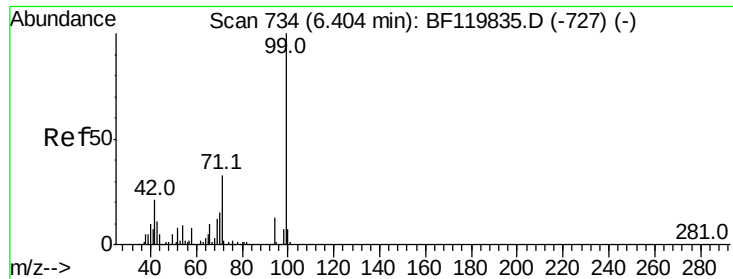


#5

2-Fluorophenol
Concen: 85.720 ng
RT: 5.27 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF120202.D
Acq: 24 Apr 2020 15:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.5	56.7	85.1
63	36.2	29.5	44.3





#7

Phenol-d6

Concen: 85.236 ng

RT: 6.32 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF120202.D

Acq: 24 Apr 2020 15:12

Instrument :

BNA_F

ClientSampled :

TP-3-S

Tot Ion: 99 Resp: 1057989

Ion Ratio Lower Upper

99 100

42 18.9 16.6 24.8

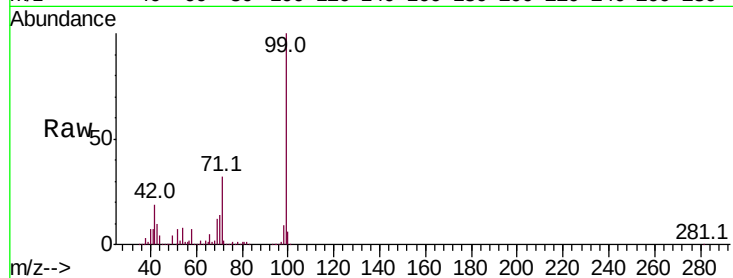
71 31.8 26.4 39.6

Manual Integrations

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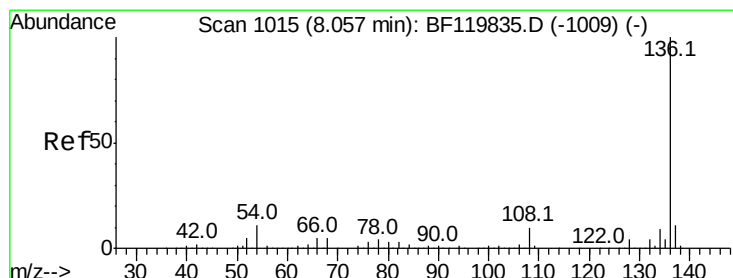
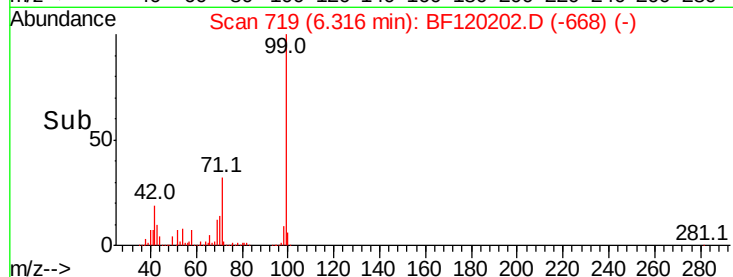
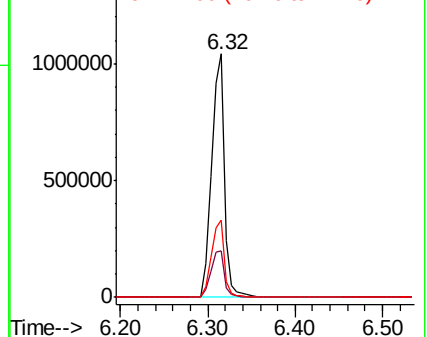
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: 7.95 min Scan# 997

Delta R.T. 0.00 min

Lab File: BF120202.D

Acq: 24 Apr 2020 15:12

Tgt Ion: 136 Resp: 608044

Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 9.4 9.1 13.7

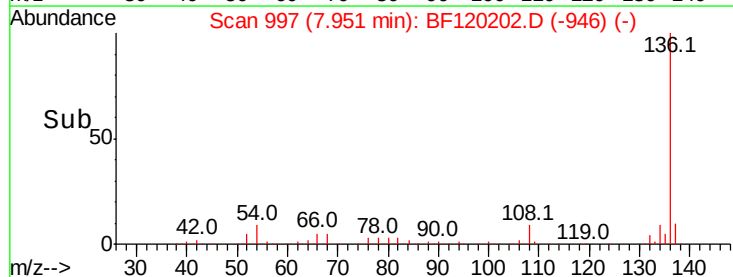
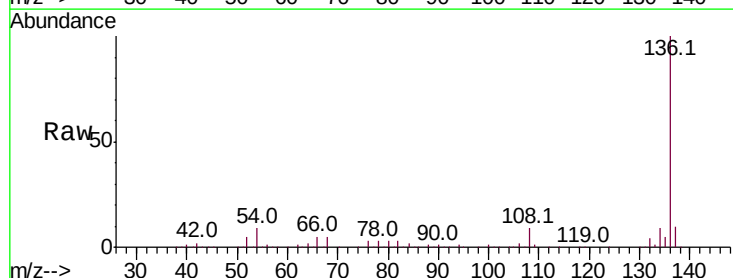
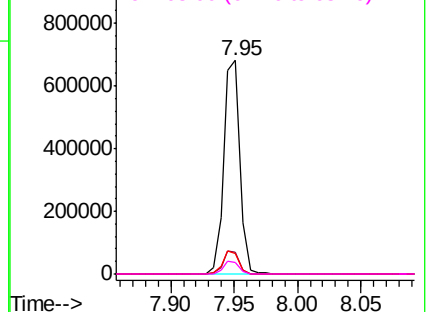
68 5.3 4.6 6.8

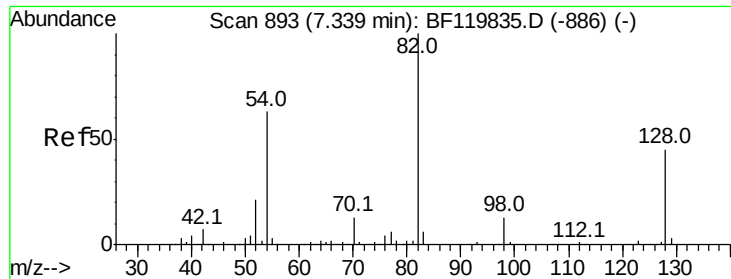
Abundance Ion 136.00 (135.70 to 136.70): E

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: 55.927 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.01 min

Lab File: BF120202.D

Acq: 24 Apr 2020 15:12

Instrument :

BNA_F

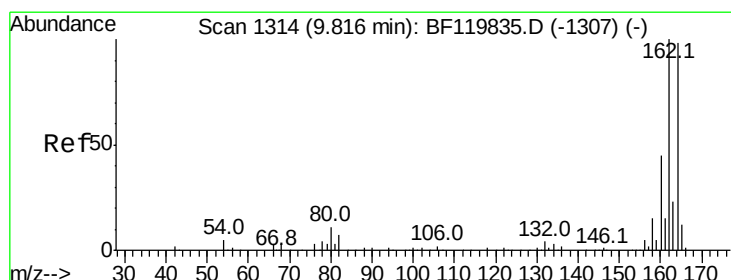
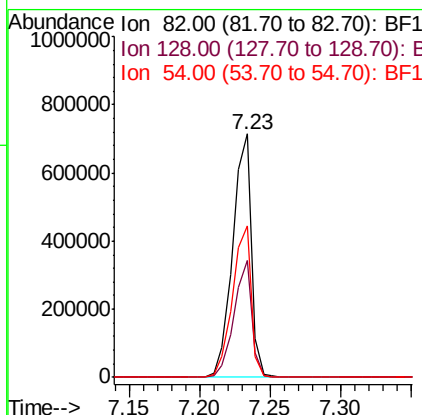
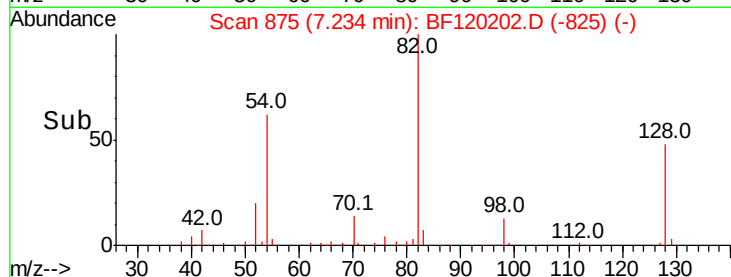
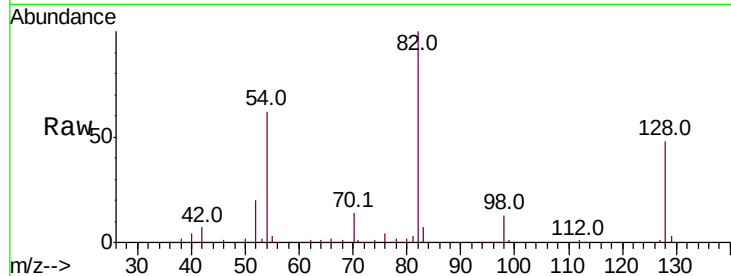
ClientSampled :

TP-3-S

Tot Ion:	82	Resp:	657328
Ion Ratio	Lower	Upper	
82	100		
128	48.0	36.3	54.5
54	62.4	50.6	75.8

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#39

Acenaphthene-d10

Concen: 20.000 ng

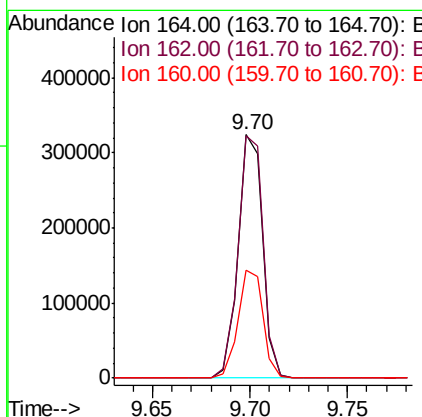
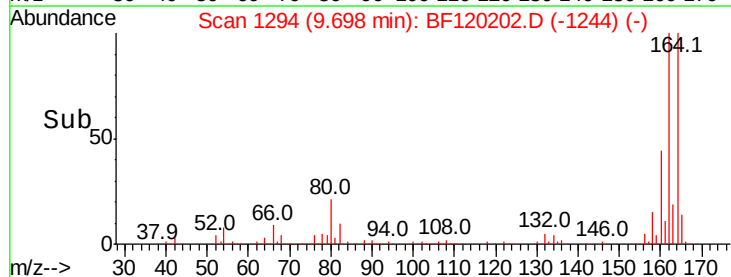
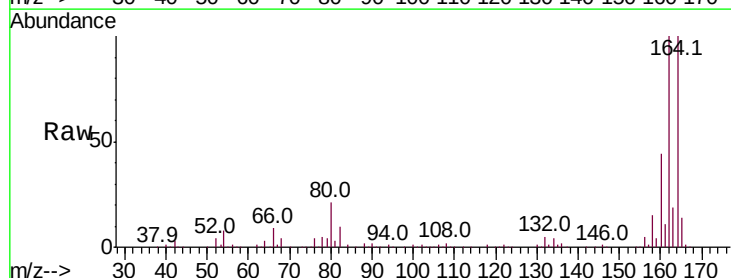
RT: 9.70 min Scan# 1294

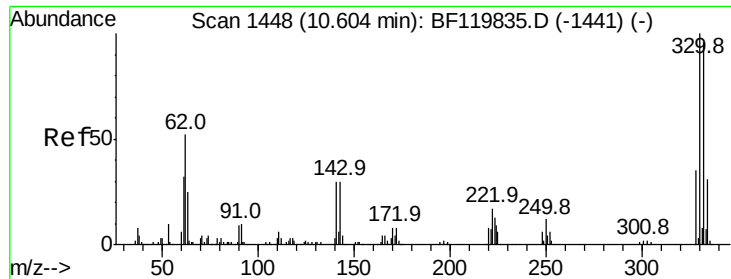
Delta R.T. -0.01 min

Lab File: BF120202.D

Acq: 24 Apr 2020 15:12

Tgt Ion:	164	Resp:	281306
Ion Ratio	Lower	Upper	
164	100		
162	99.7	80.6	121.0
160	44.1	35.7	53.5





#42

2,4,6-Tribromophenol

Concen: 60.219 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BF120202.D

Acq: 24 Apr 2020 15:12

Instrument :

BNA_F

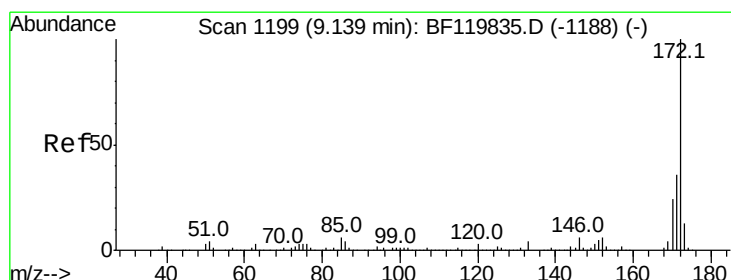
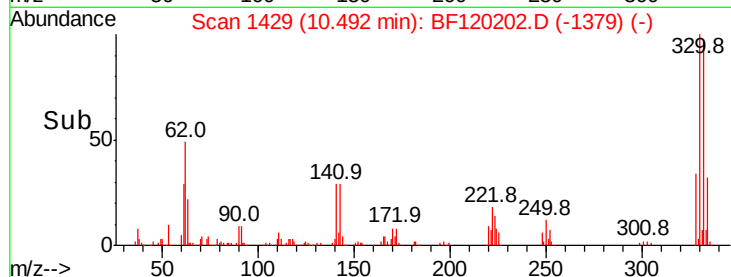
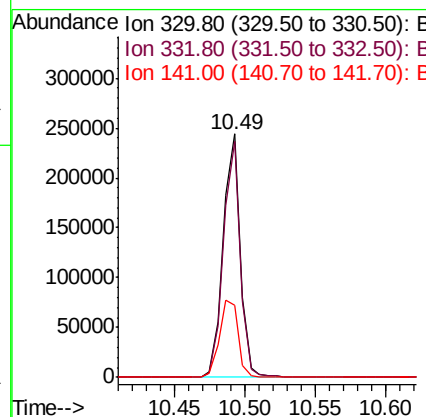
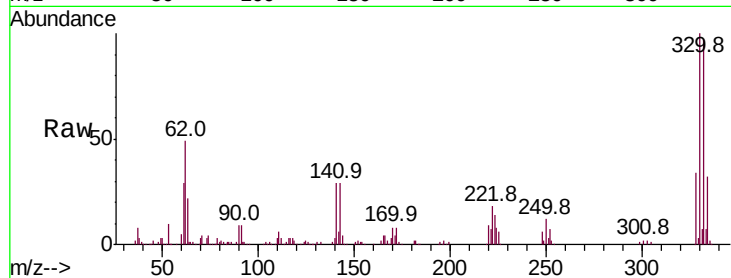
ClientSampleId :

TP-3-S

Tot Ion:	330	Resp:	207404
Ion Ratio	Lower	Upper	
330	100		
332	95.0	75.7	113.5
141	34.7	25.4	38.0

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#45

2-Fluorobiphenyl

Concen: 62.070 ng

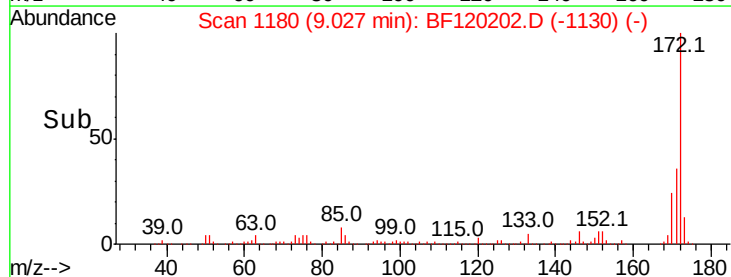
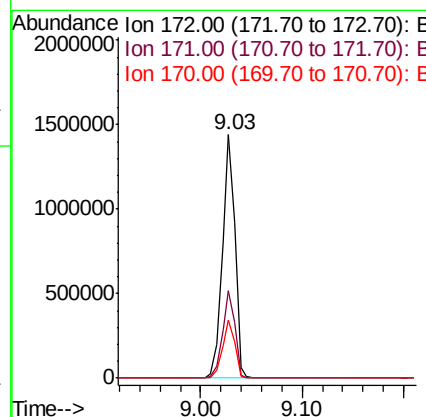
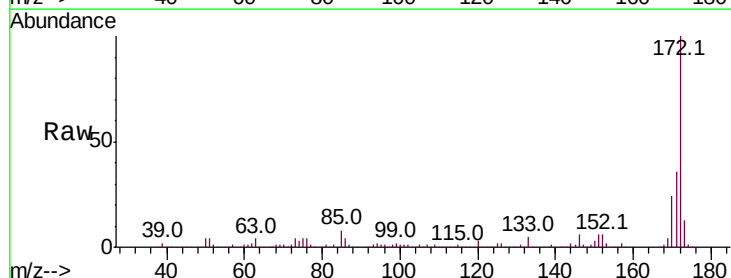
RT: 9.03 min Scan# 1180

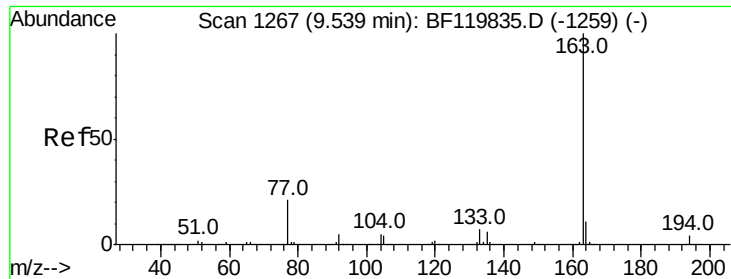
Delta R.T. -0.01 min

Lab File: BF120202.D

Acq: 24 Apr 2020 15:12

Tgt Ion:	172	Resp:	1229820
Ion Ratio	Lower	Upper	
172	100		
171	35.7	29.6	44.4
170	24.0	20.2	30.2





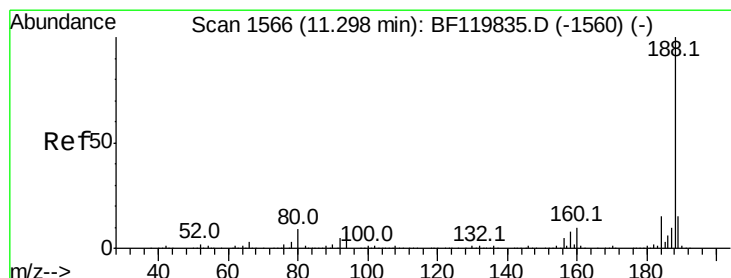
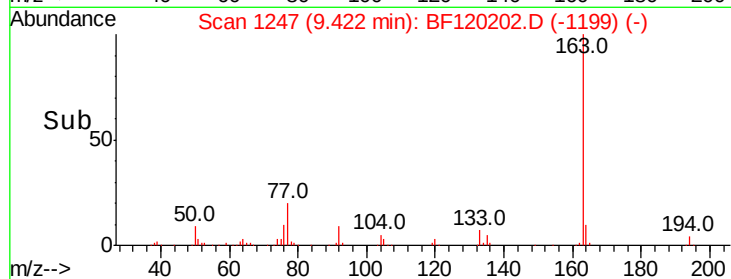
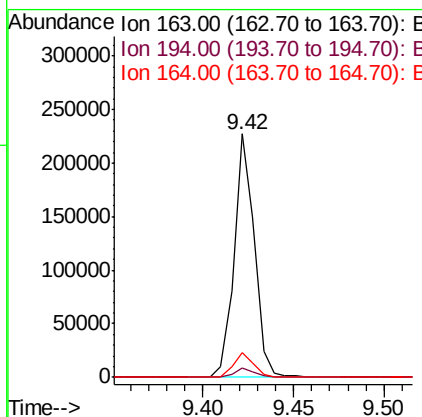
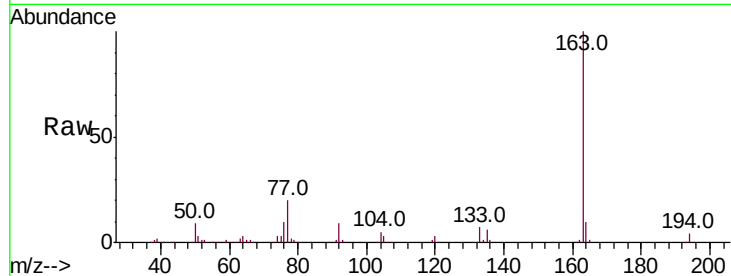
#50
 Dimethylphthalate
 Concen: 8.104 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.02 min
 Lab File: BF120202.D
 Acq: 24 Apr 2020 15:12

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-S

Tot Ion:	163	Resp:	176328
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.1	4.7
164	10.2	8.2	12.2

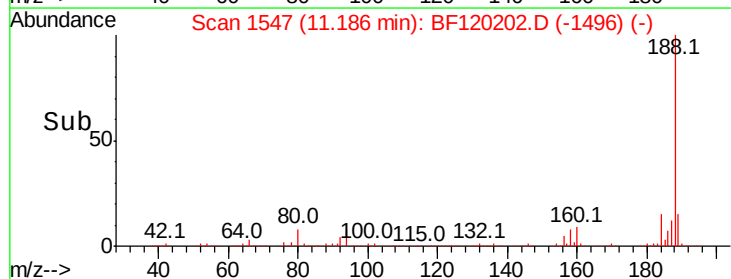
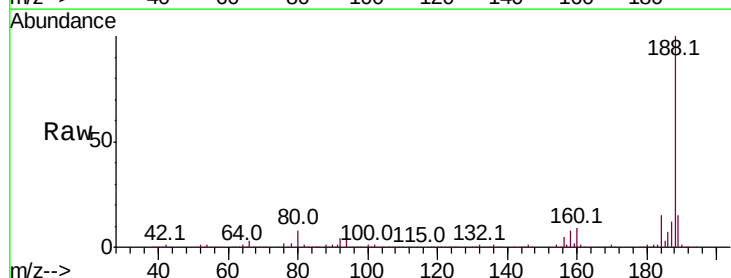
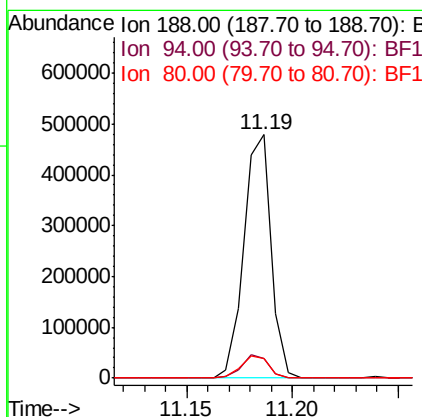
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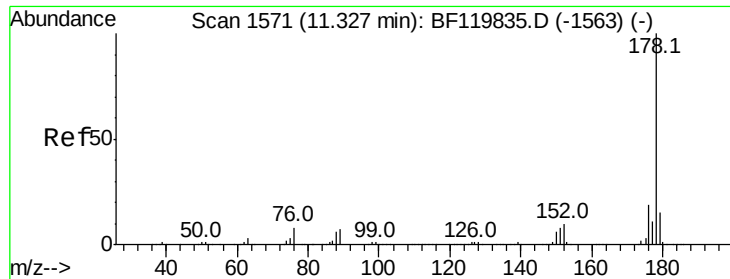
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#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. 0.00 min
 Lab File: BF120202.D
 Acq: 24 Apr 2020 15:12

Tgt Ion:	188	Resp:	428286
Ion Ratio	Lower	Upper	
188	100		
94	8.1	7.5	11.3
80	8.2	9.0	13.4#





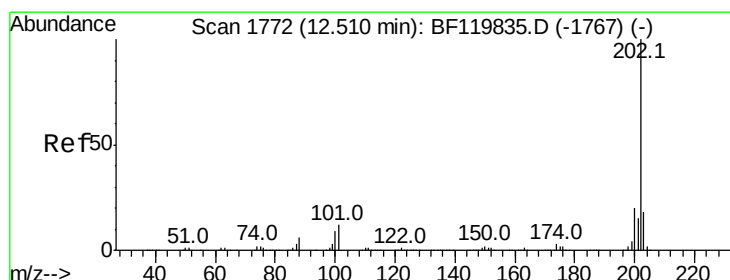
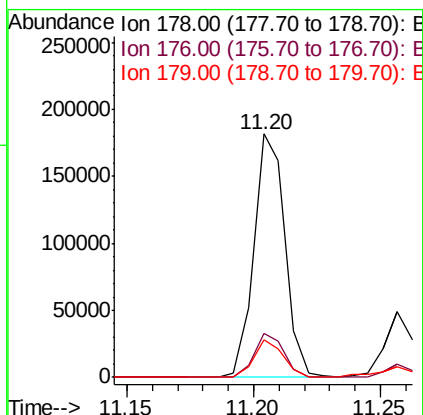
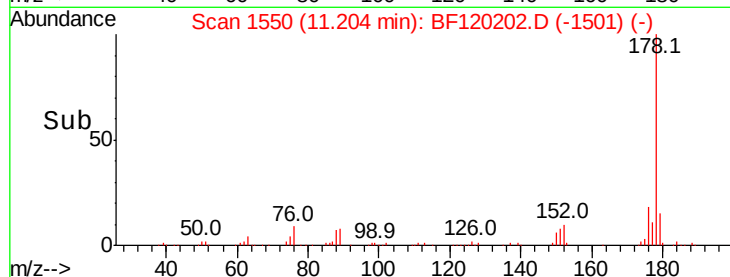
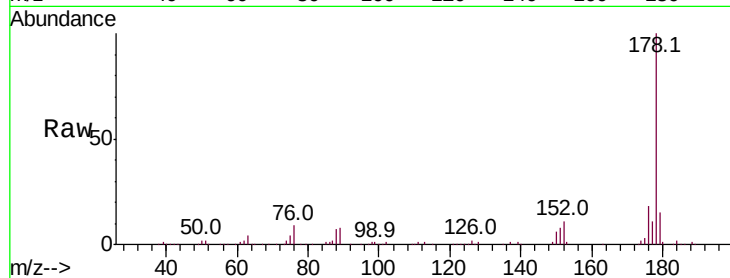
#71
Phenanthrene
Concen: 6.784 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF120202.D
Acq: 24 Apr 2020 15:12

Instrument :
BNA_F
ClientSampleId :
TP-3-S

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.0	16.2	24.4
179	15.5	13.2	19.8

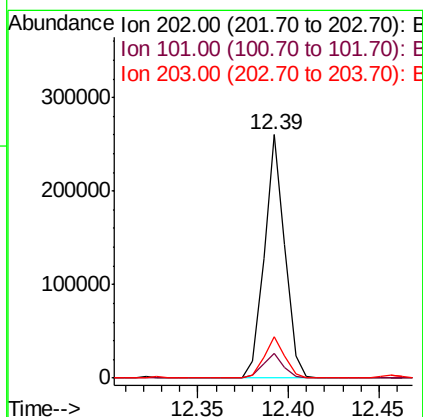
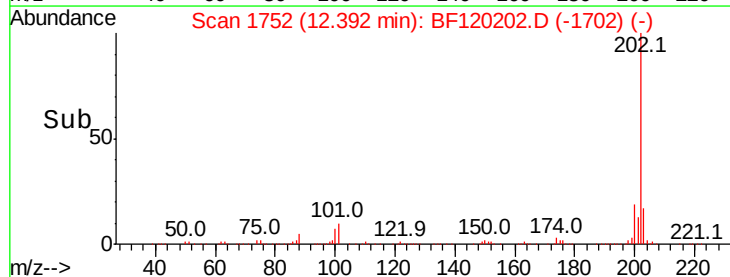
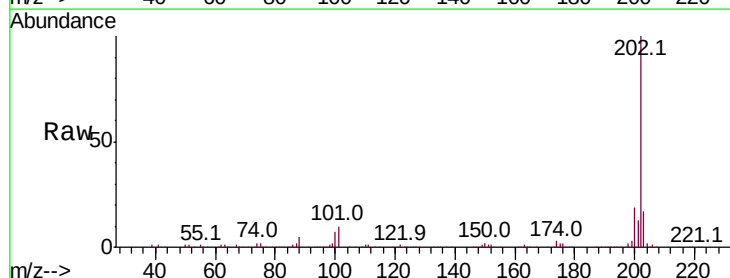
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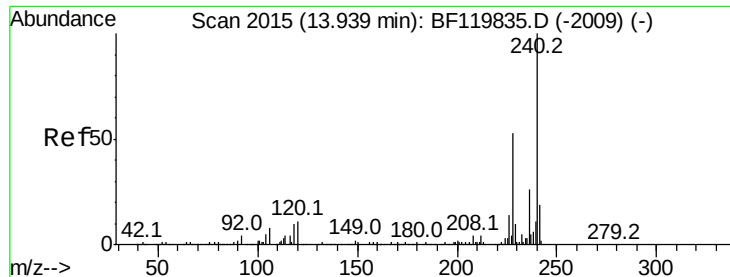
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#75
Fluoranthene
Concen: 8.330 ng
RT: 12.39 min Scan# 1752
Delta R.T. -0.01 min
Lab File: BF120202.D
Acq: 24 Apr 2020 15:12

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	32.2
203	17.1	0.0	38.8





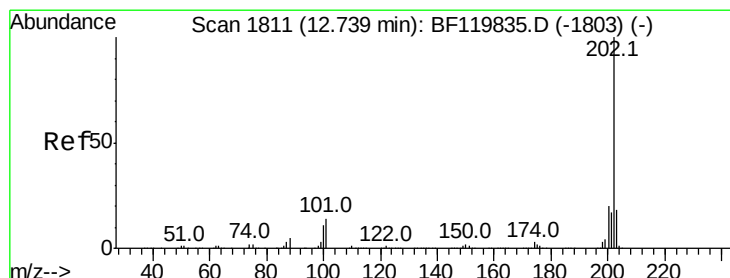
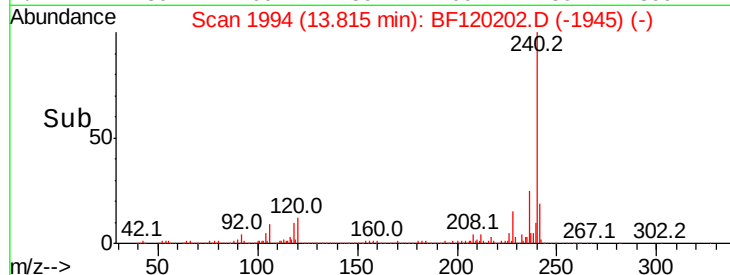
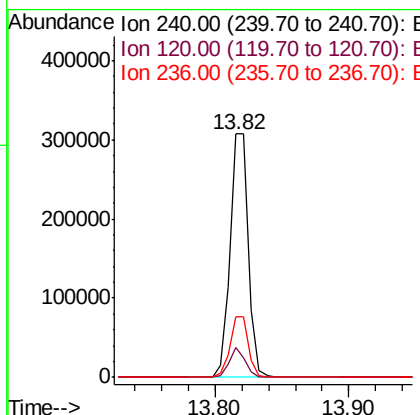
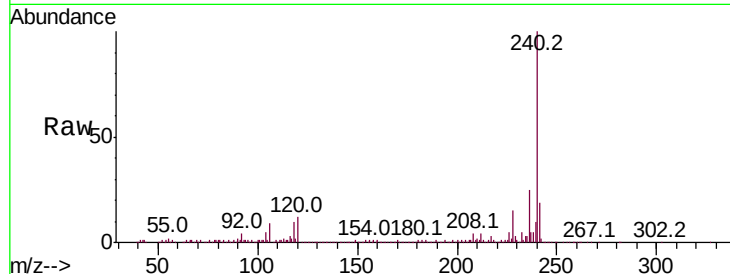
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BF120202.D
Acq: 24 Apr 2020 15:12

Instrument :
BNA_F
ClientSampleId :
TP-3-S

Tot Ion	Ratio	Resp	Lower	Upper
240	100	298054		
120	12.4	10.6	15.8	
236	24.6	20.2	30.2	

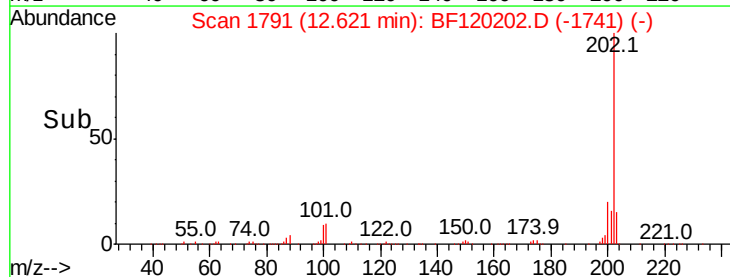
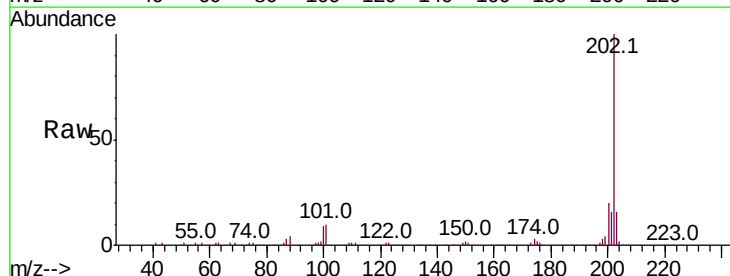
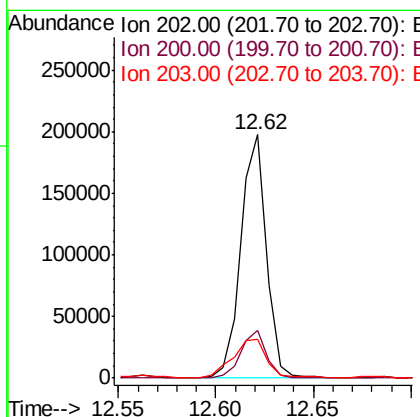
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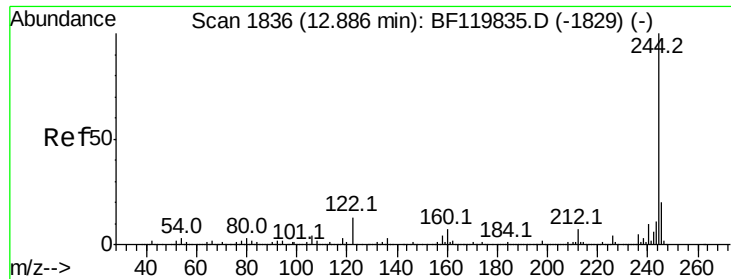
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#78
Pyrene
Concen: 7.147 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF120202.D
Acq: 24 Apr 2020 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	179591		
200	19.7	16.8	25.2	
203	15.9	15.1	22.7	





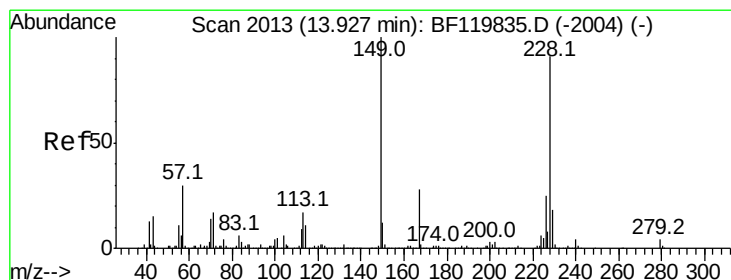
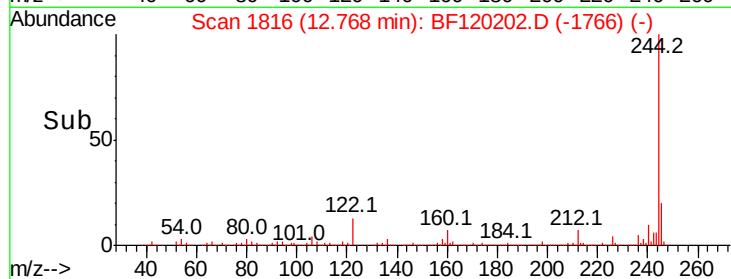
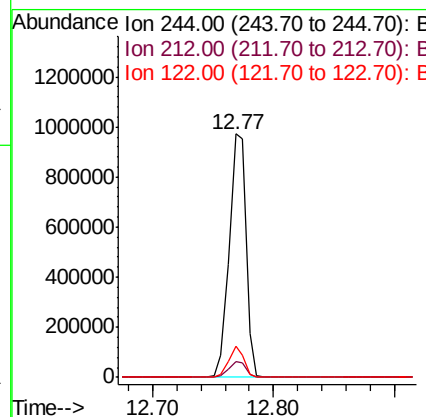
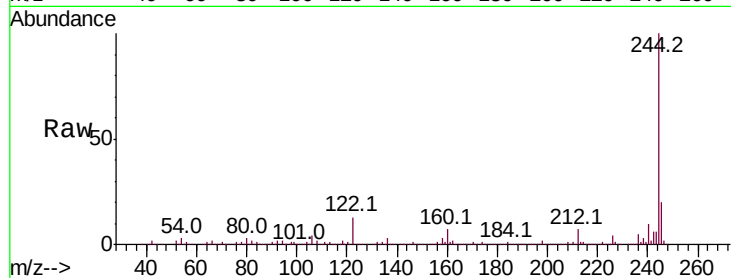
#79
 Terphenyl-d14
 Concen: 53.179 ng
 RT: 12.77 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BF120202.D
 Acq: 24 Apr 2020 15:12

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-S

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	12.8	10.3	15.5

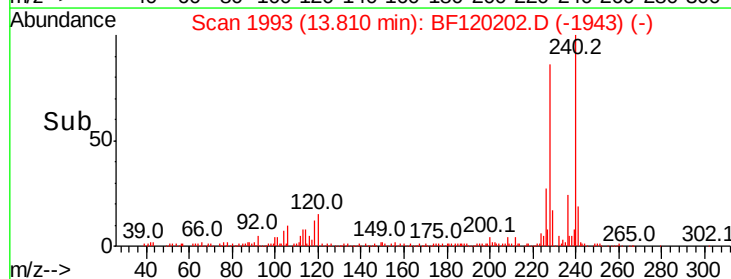
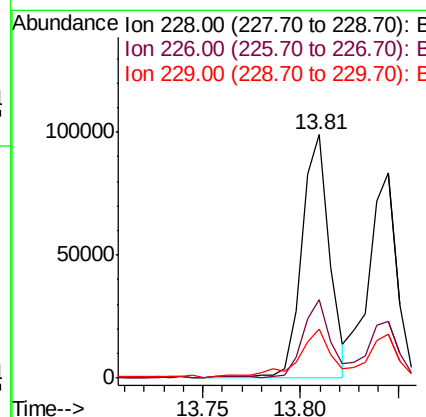
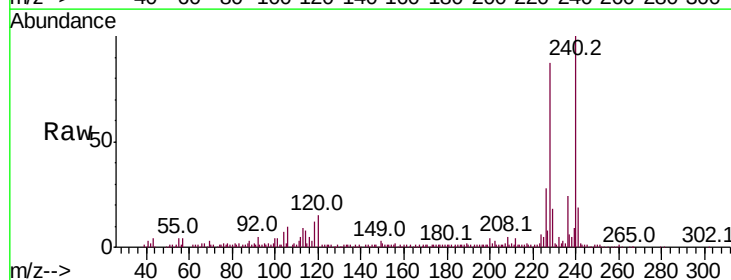
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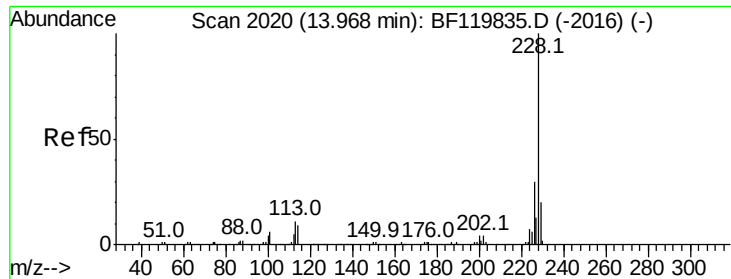
mohammad
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#81
 Benzo(a)anthracene
 Concen: 4.994 ng
 RT: 13.81 min Scan# 1993
 Delta R.T. -0.01 min
 Lab File: BF120202.D
 Acq: 24 Apr 2020 15:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.2	21.8	32.8
229	20.4	16.2	24.4





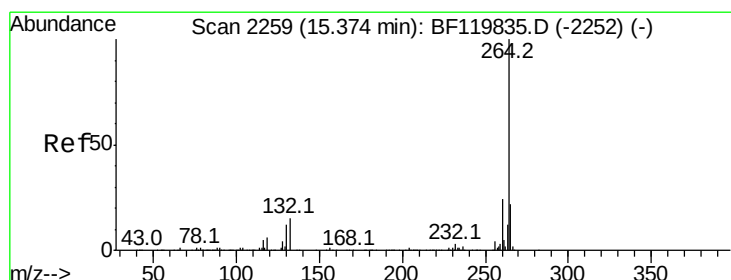
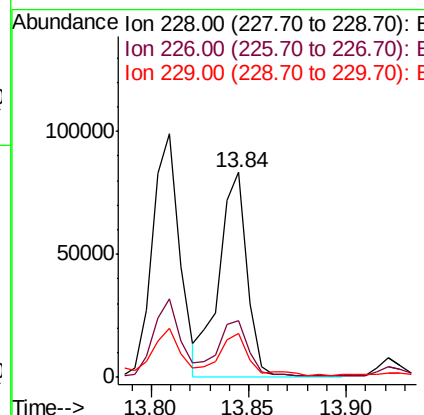
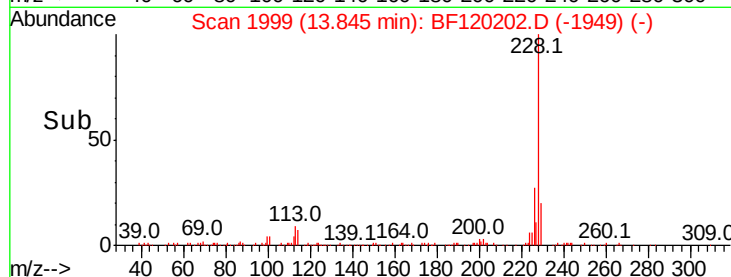
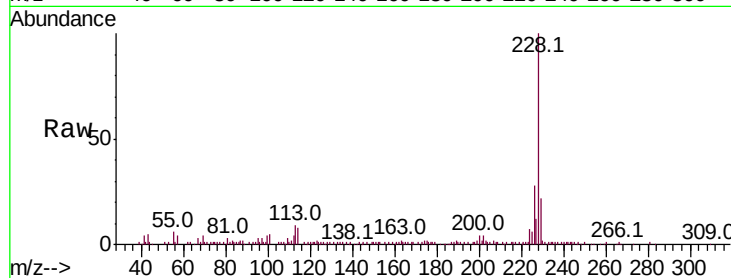
#83
Chrysene
Concen: 4.236 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.01 min
Lab File: BF120202.D
Acq: 24 Apr 2020 15:12

Instrument :
BNA_F
ClientSampled :
TP-3-S

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.6	25.4	38.0
229	21.5	16.6	24.8

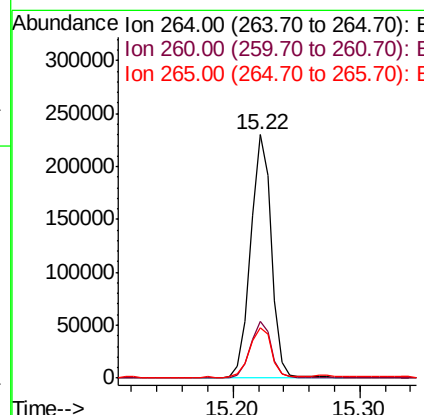
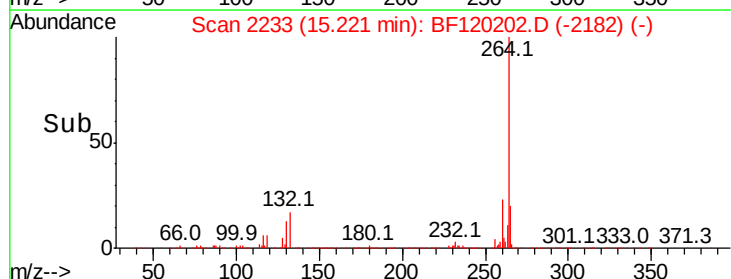
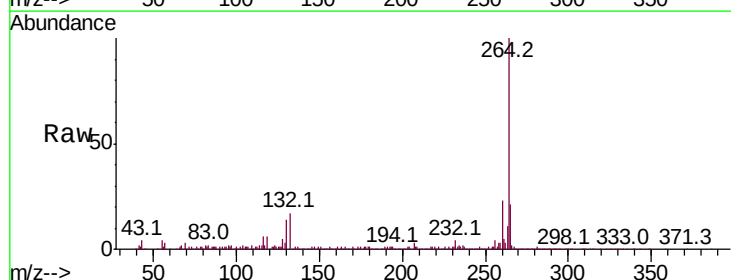
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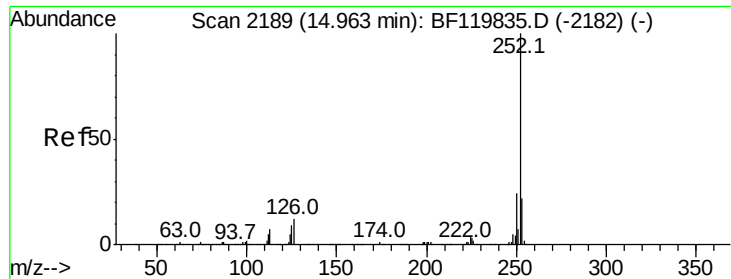
mohammad
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.00 min
Lab File: BF120202.D
Acq: 24 Apr 2020 15:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	20.7	17.7	26.5





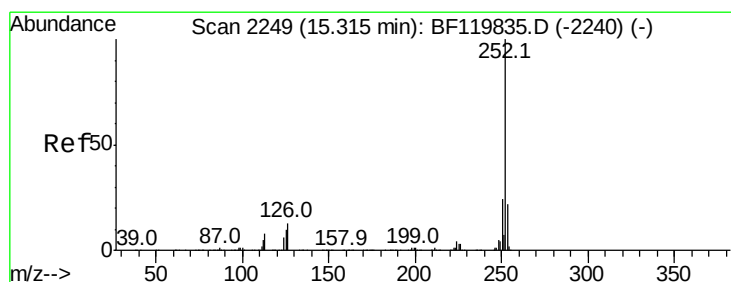
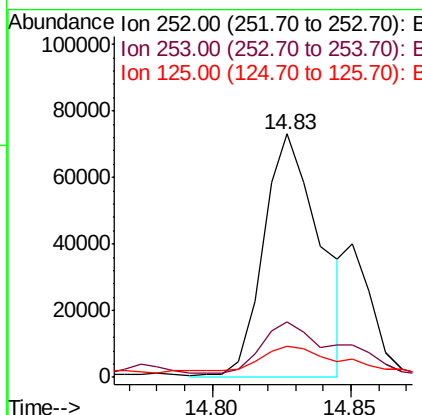
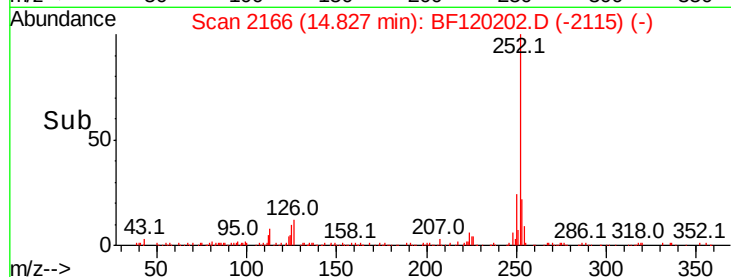
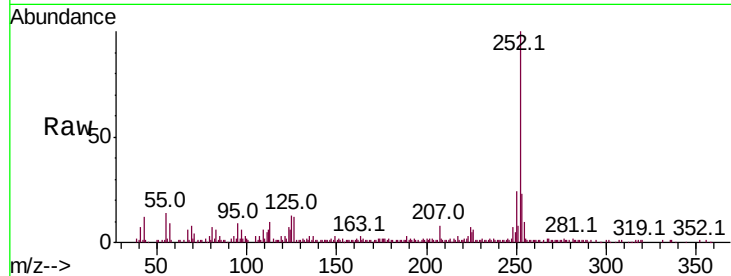
#88
Benzo(b)fluoranthene
Concen: 5.557 ng m
RT: 14.83 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BF120202.D
Acq: 24 Apr 2020 15:12

Instrument :
BNA_F
ClientSampled :
TP-3-S

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.0
125	12.6	7.9	11.9

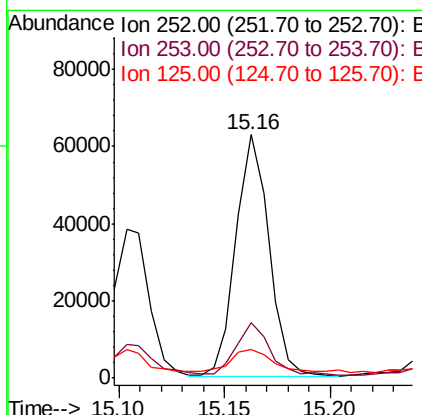
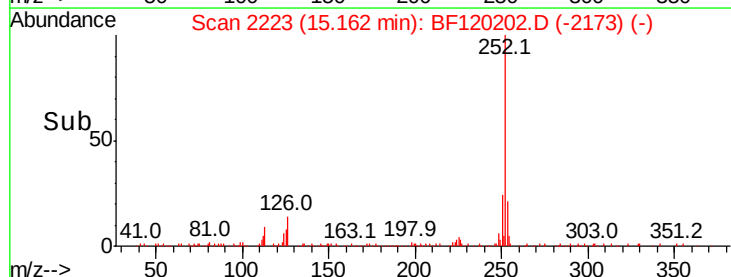
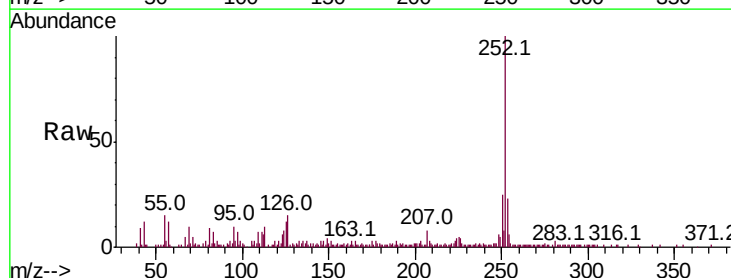
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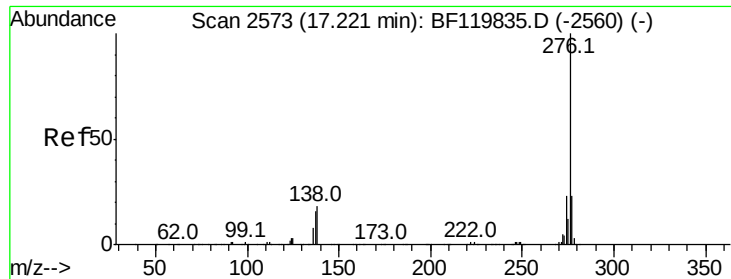
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#90
Benzo(a)pyrene
Concen: 4.330 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF120202.D
Acq: 24 Apr 2020 15:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	11.8	9.4	14.2





#92
 Benzo(a,h,i)perylene
 Concen: 2.497 ng
 RT: 16.97 min Scan# 2530
 Delta R.T. -0.01 min
 Lab File: BF120202.D
 Acq: 24 Apr 2020 15:12

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-S

Tot Ion	Ratio	Lower	Upper
276	100		
277	27.1	18.4	27.6
138	25.1	15.4	23.0

Manual Integrations
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