

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073020\
 Data File : BF121134.D
 Acq On : 30 Jul 2020 18:13
 Operator : JU/CG
 Sample : L3473-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-S

Manual Integrations
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Quant Time: Jul 31 01:09:44 2020
 Quant Title :
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	139218	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	535394	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	284352	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	545900	20.00	ng	0.00
76) Chrysene-d12	13.96	240	449933	20.00	ng	0.00
86) Perylene-d12	15.41	264	395272	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	589713	69.44	ng	0.00
7) Phenol-d6	6.43	99	739179	67.38	ng	-0.02
23) Nitrobenzene-d5	7.36	82	490380	53.00	ng	-0.02
42) 2,4,6-Tribromophenol	10.62	330	200530	64.43	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	930285	48.85	ng	0.00
79) Terphenyl-d14	12.91	244	1006942	48.65	ng	0.00
Target Compounds						Ovalue
50) Dimethylphthalate	9.55	163	141773	6.911	ng	98
71) Phenanthrene	11.35	178	130292	4.641	ng	99
75) Fluoranthene	12.53	202	245970	7.904	ng	99
78) Pyrene	12.76	202	227083	7.139	ng	97
81) Benzo(a)anthracene	13.95	228	120863	4.436	ng	99
83) Chrysene	13.99	228	111961	3.910	ng	96
87) Indeno(1,2,3-cd)pyrene	16.83	276	55190	2.008	ng	98
88) Benzo(b)fluoranthene	14.99	252	134409m	5.626	ng	
90) Benzo(a)pyrene	15.34	252	85540	3.924	ng	100
92) Benzo(g,h,i)perylene	17.26	276	55505	2.507	ng	100

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

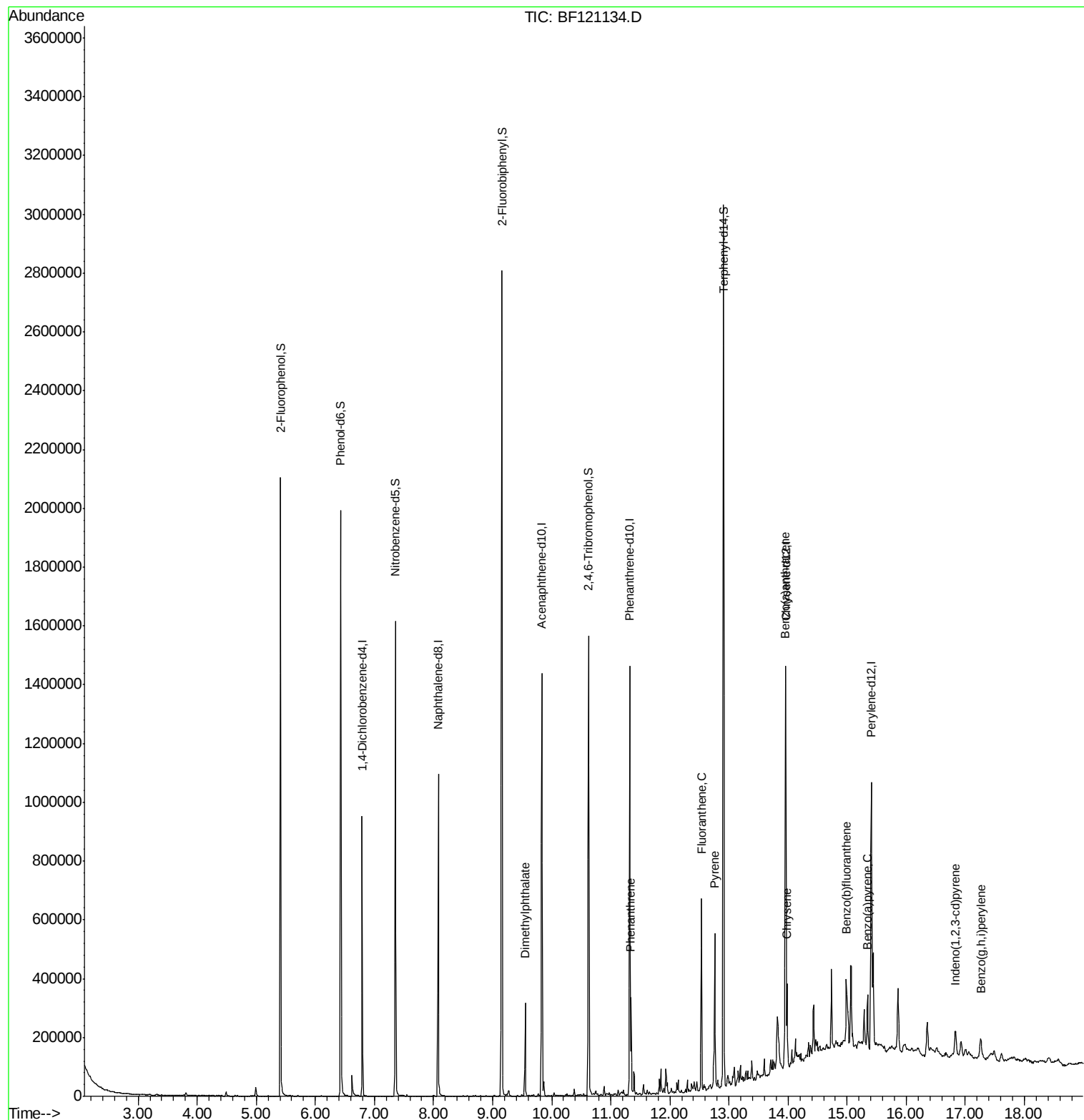
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073020\
Data File : BF121134.D
Acq On : 30 Jul 2020 18:13
Operator : JU/CG
Sample : L3473-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

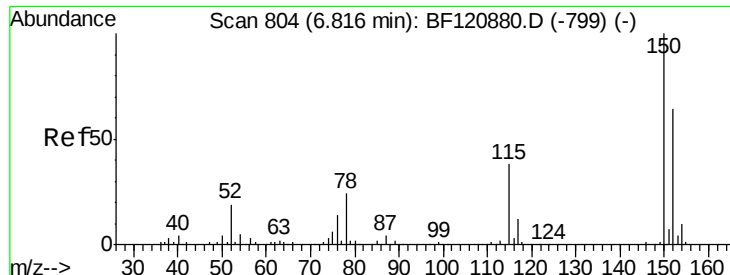
Instrument :
BNA_F
ClientSampleId :
TP-2-S

Quant Time: Jul 31 01:09:44 2020
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QLast Update : Wed Jul 29 14:55:43 2020
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#1

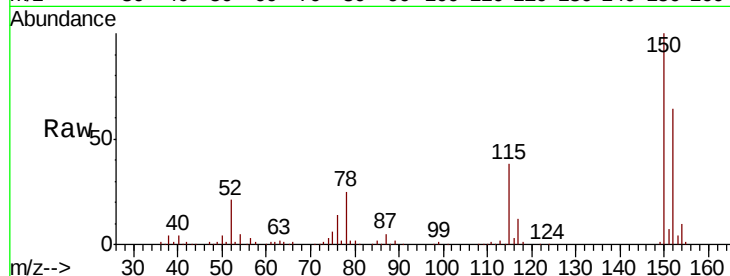
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF121134.D
Acq: 30 Jul 2020 18:13

Instrument :
BNA_F
ClientSampled :
TP-2-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	125.6	188.4
115	58.8	46.2	69.2

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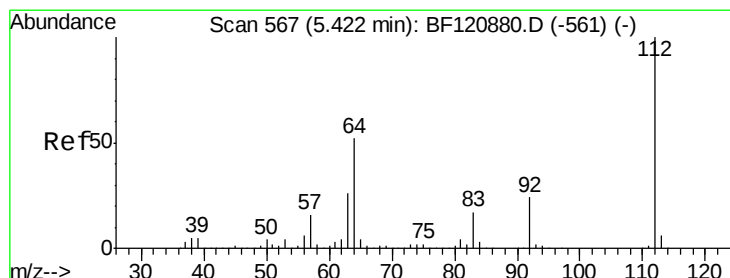
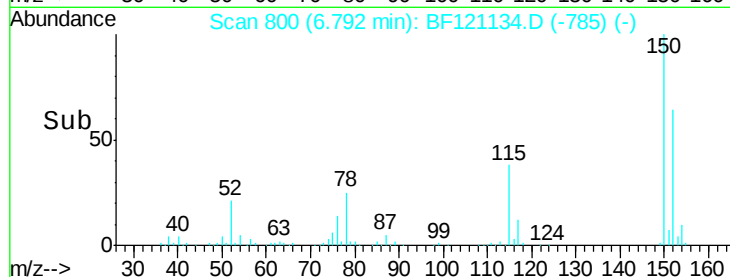
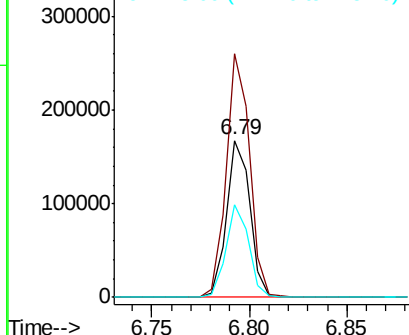


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

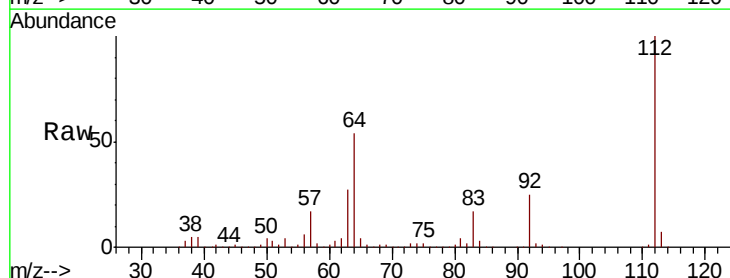
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 69.441 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF121134.D
Acq: 30 Jul 2020 18:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.6	43.9	65.9
63	26.8	22.7	34.1

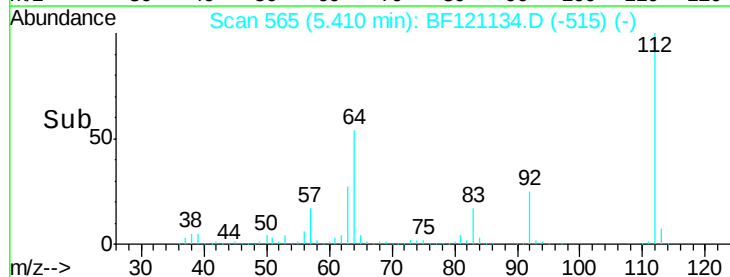
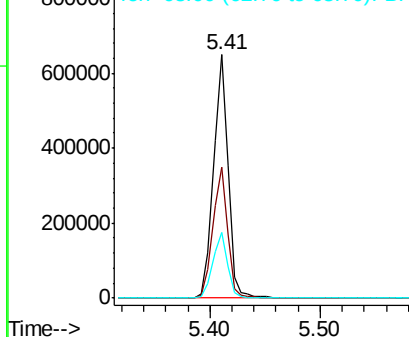


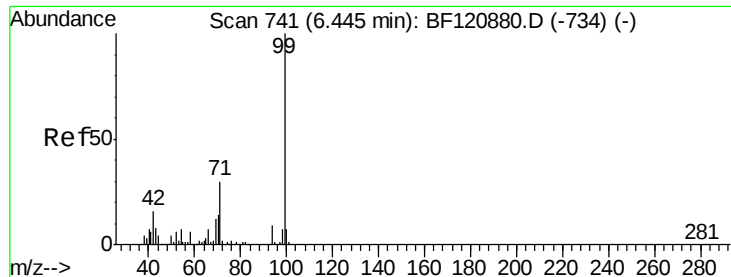
Abundance

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: 67.383 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF121134.D

Acq: 30 Jul 2020 18:13

Instrument :

BNA_F

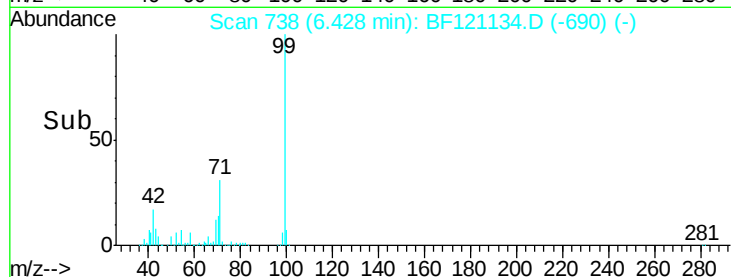
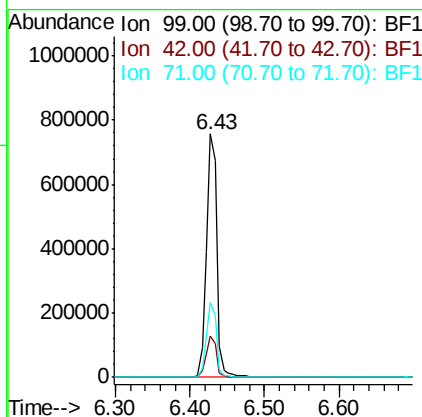
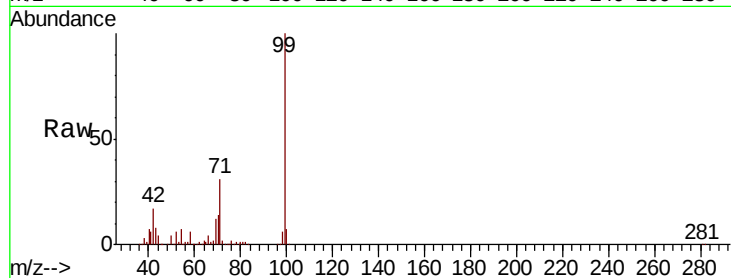
ClientSampled :

TP-2-S

Tot Ion:	99	Resp:	739179
Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.5	20.3
71	30.9	25.0	37.4

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#21

Naphthalene-d8

Concen: 20.000 ng

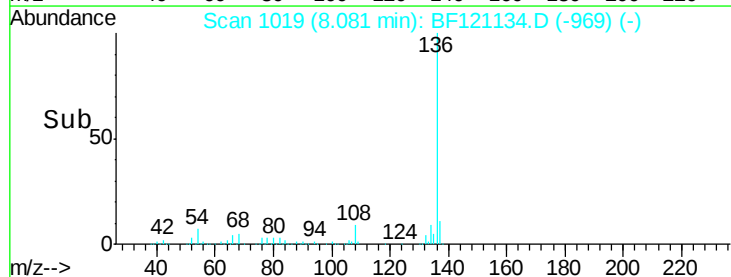
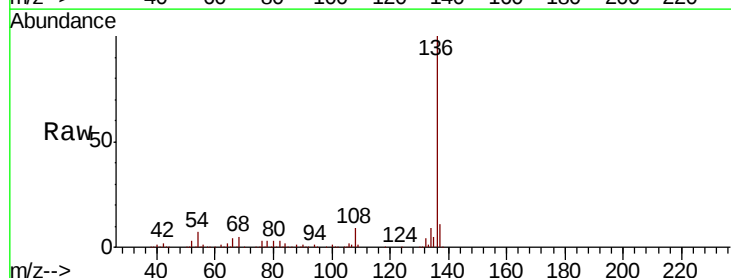
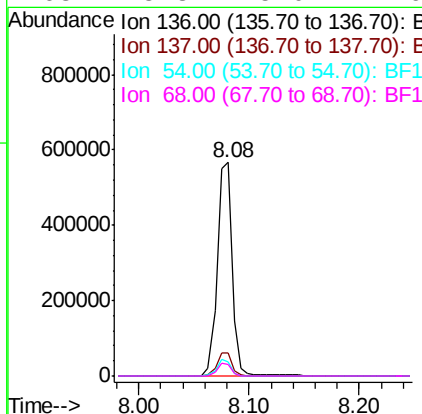
RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF121134.D

Acq: 30 Jul 2020 18:13

Tgt Ion:	136	Resp:	535394
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.7	6.1	9.1
68	5.3	5.0	7.6





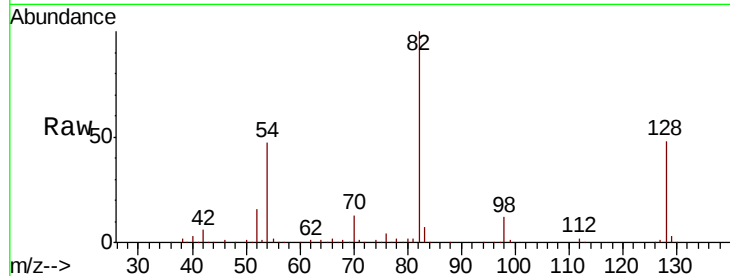
#23
 Nitrobenzene-d5
 Concen: 52.998 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.02 min
 Lab File: BF121134.D
 Acq: 30 Jul 2020 18:13

Instrument :
 BNA_F
 ClientSampled :
 TP-2-S

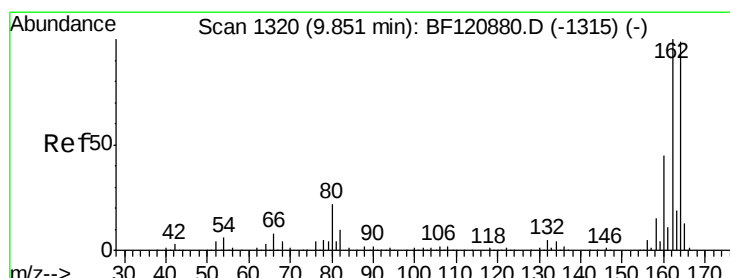
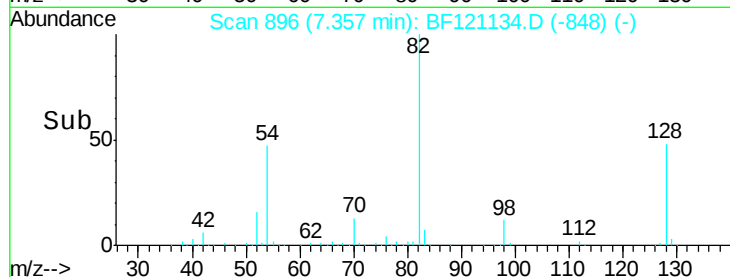
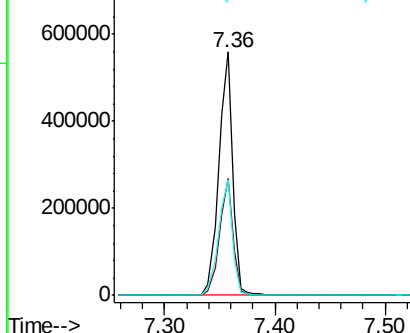
Tot Ion	Ratio	Lower	Upper
82	100		
128	48.2	39.2	58.8
54	47.4	37.8	56.8

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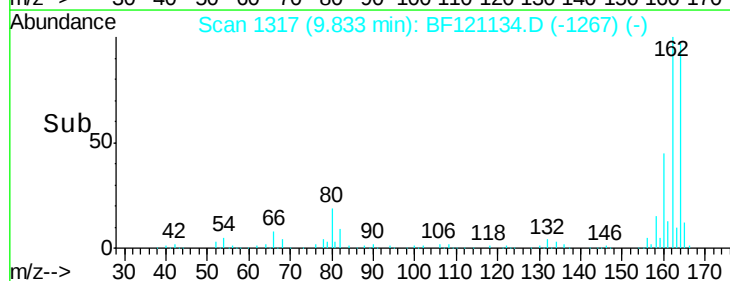
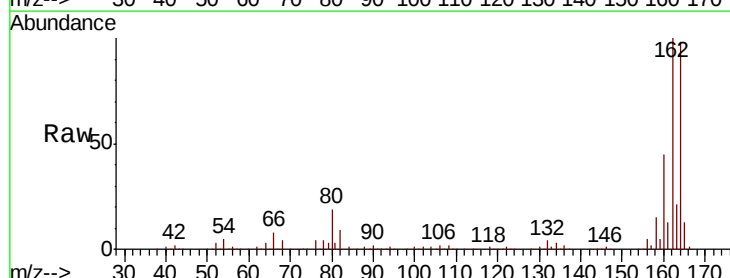
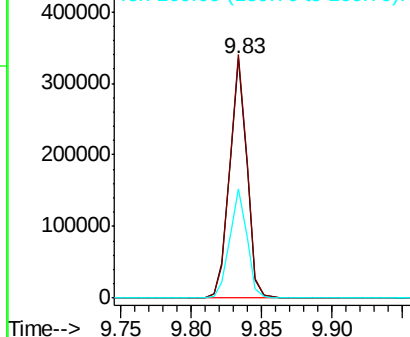
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF121134.D
 Acq: 30 Jul 2020 18:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.2	123.2
160	45.8	37.2	55.8

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





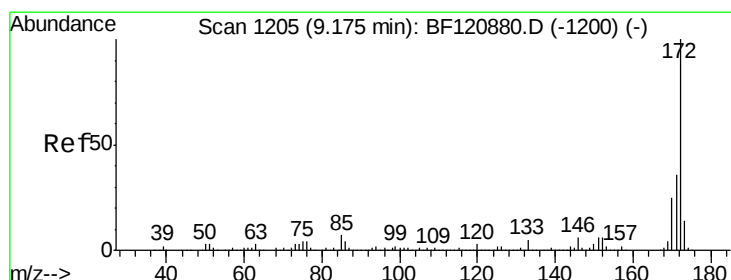
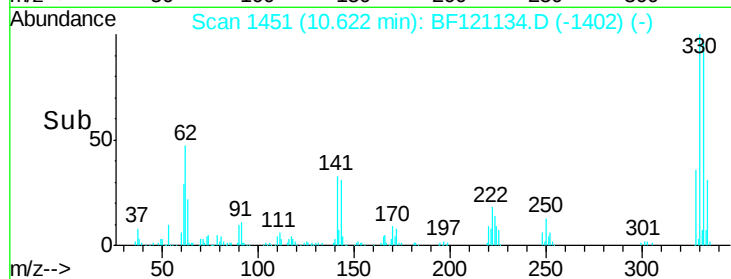
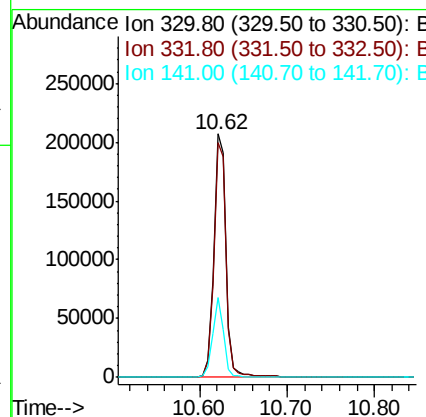
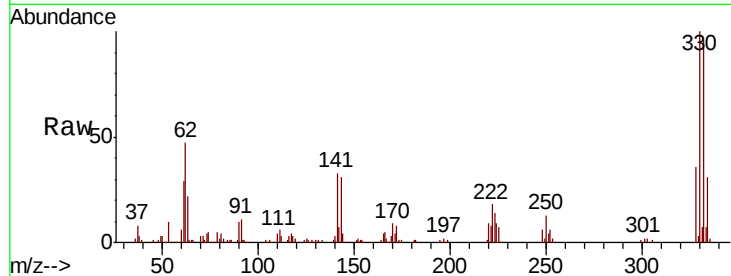
#42
 2,4,6-Tribromophenol
 Concen: 64.427 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF121134.D
 Acq: 30 Jul 2020 18:13

Instrument :
 BNA_F
 ClientSampled :
 TP-2-S

Tot Ion	Ratio	Resp	Lower	Upper
330	100	200530		
332	96.5		76.1	114.1
141	30.1		24.1	36.1

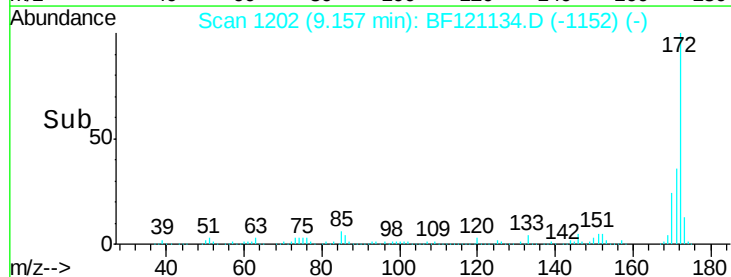
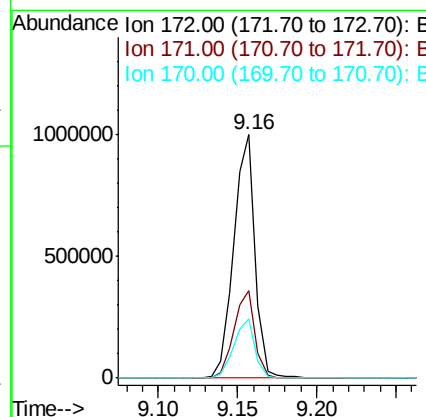
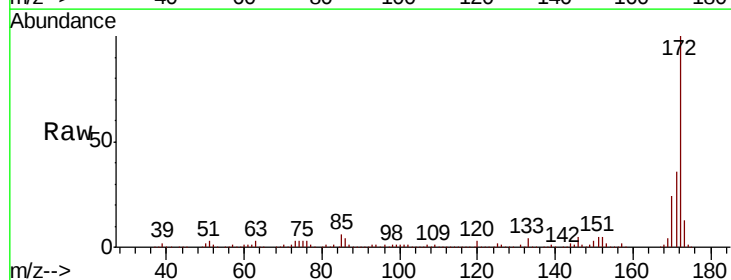
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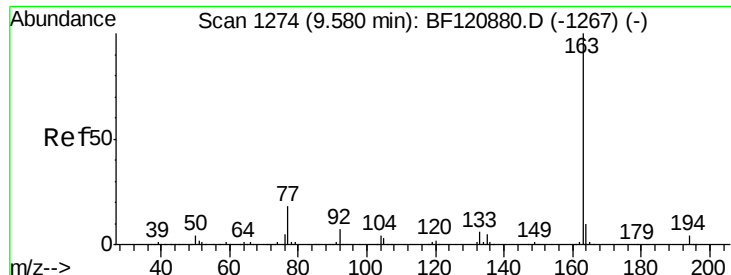
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#45
 2-Fluorobiphenyl
 Concen: 48.846 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF121134.D
 Acq: 30 Jul 2020 18:13

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	930285		
171	35.7		29.0	43.4
170	24.2		19.6	29.4





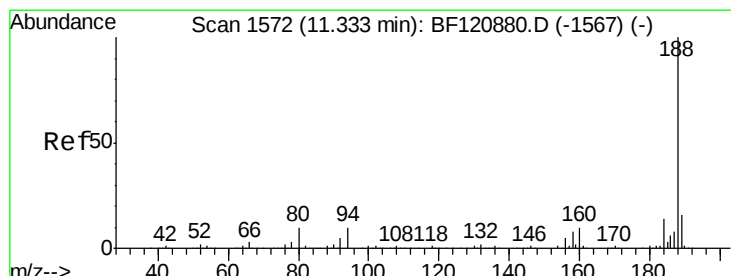
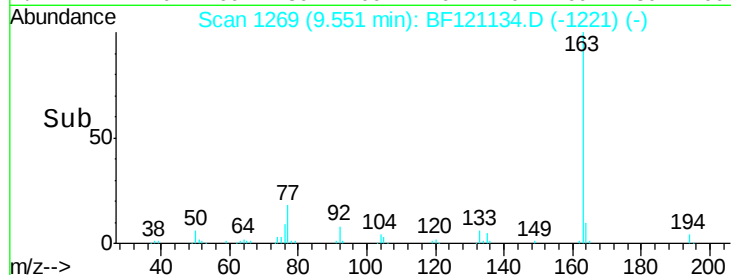
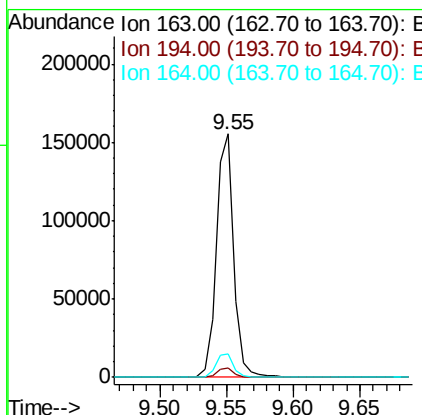
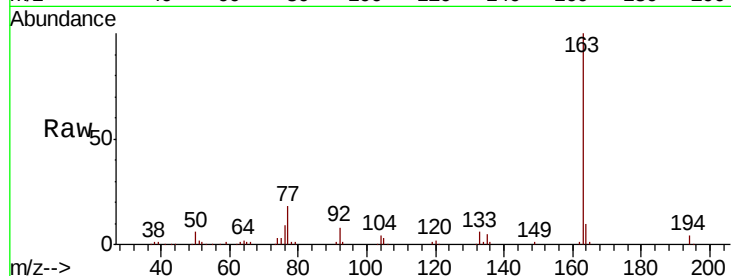
#50
Dimethylphthalate
Concen: 6.911 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF121134.D
Acq: 30 Jul 2020 18:13

Instrument :
BNA_F
ClientSampleId :
TP-2-S

Tot Ion	Ratio	Resp	Lower	Upper
163	100	141773		
194	3.9		3.0	4.4
164	9.7		8.4	12.6

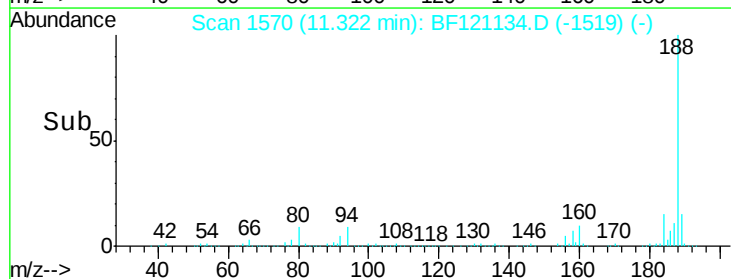
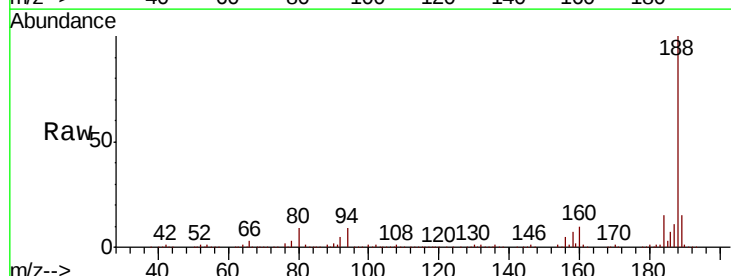
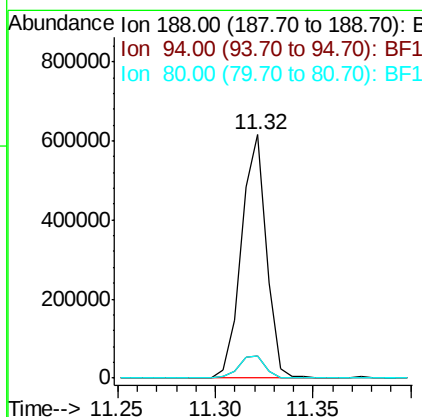
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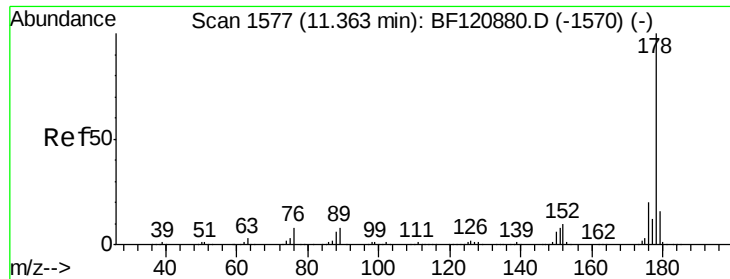
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF121134.D
Acq: 30 Jul 2020 18:13

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	545900		
94	9.0		8.0	12.0
80	9.2		8.3	12.5





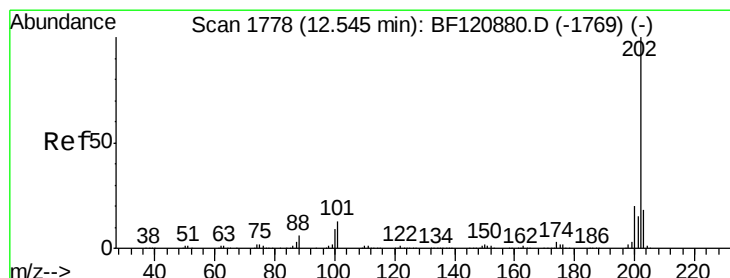
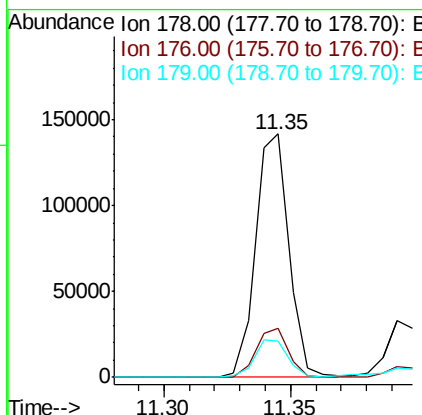
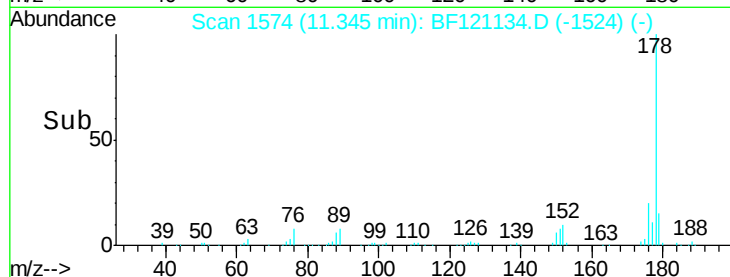
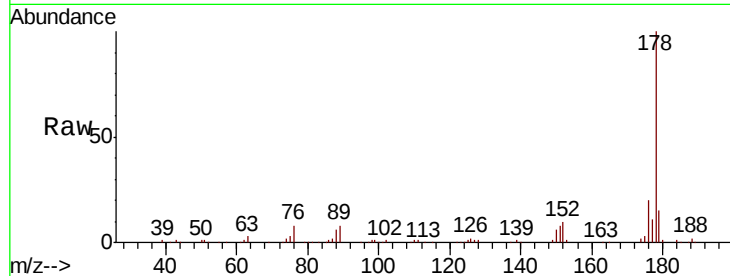
#71
Phenanthrene
Concen: 4.641 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF121134.D
Acq: 30 Jul 2020 18:13

Instrument :
BNA_F
ClientSampleId :
TP-2-S

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.2	24.2
179	14.9	12.6	19.0

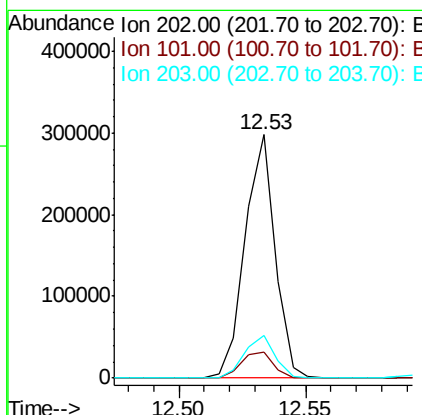
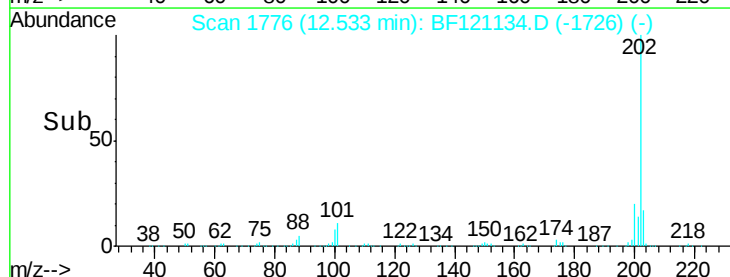
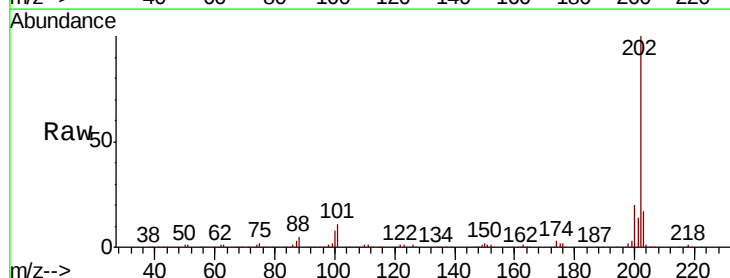
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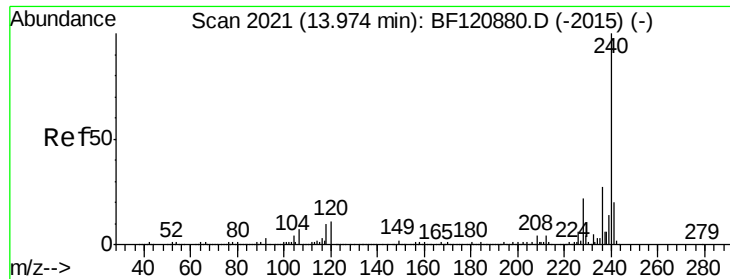
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#75
Fluoranthene
Concen: 7.904 ng
RT: 12.53 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BF121134.D
Acq: 30 Jul 2020 18:13

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	30.5
203	17.3	0.0	37.7





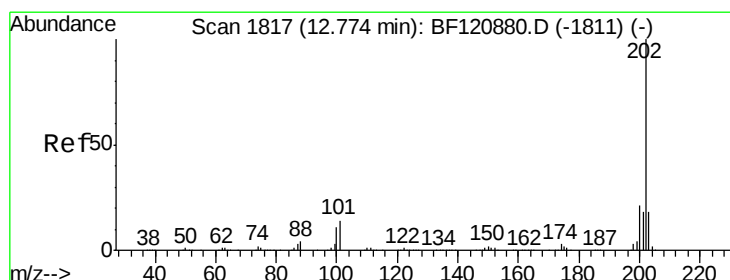
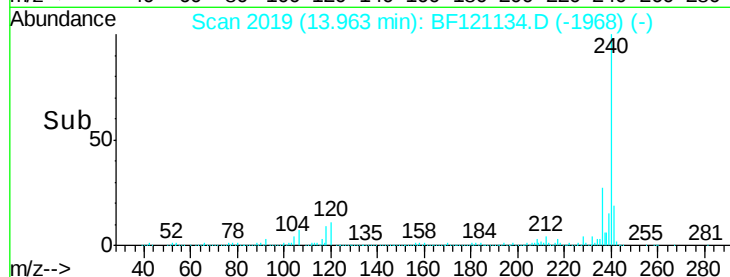
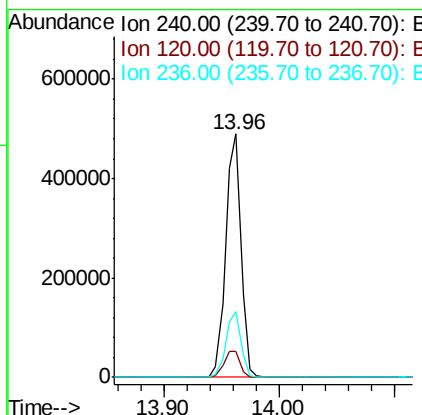
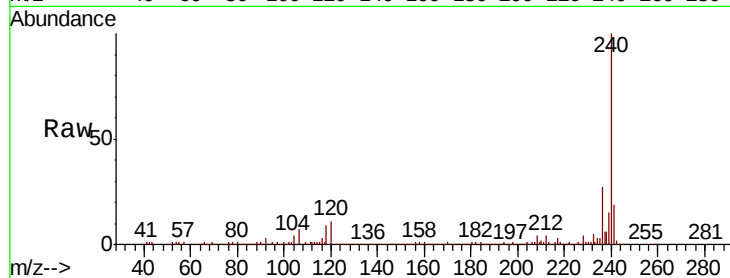
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF121134.D
Acq: 30 Jul 2020 18:13

Instrument :
BNA_F
ClientSampleId :
TP-2-S

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.3	13.9
236	26.7	21.1	31.7

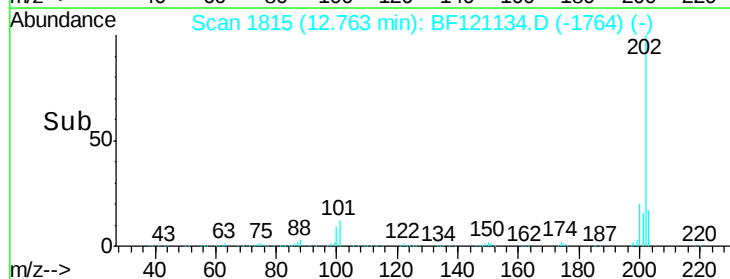
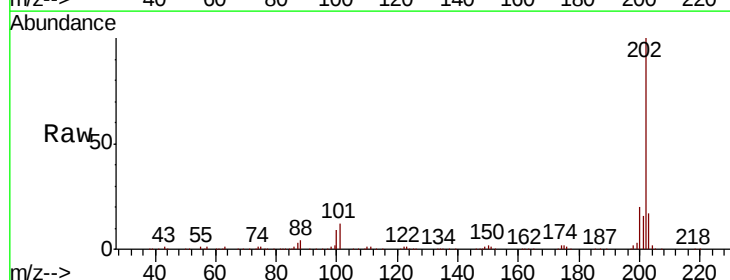
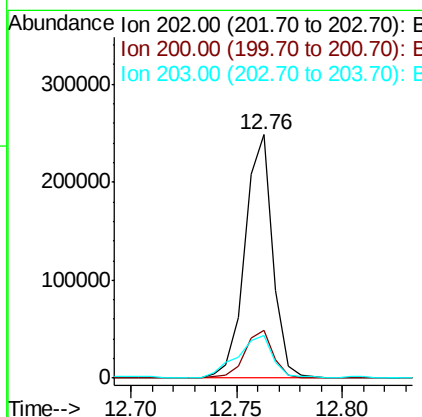
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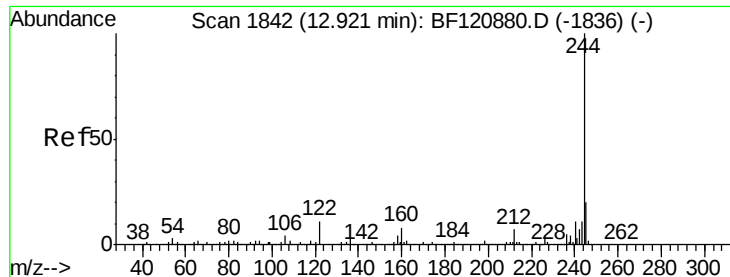
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#78
Pyrene
Concen: 7.139 ng
RT: 12.76 min Scan# 1815
Delta R.T. 0.00 min
Lab File: BF121134.D
Acq: 30 Jul 2020 18:13

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.8	17.0	25.6
203	17.3	14.6	21.8





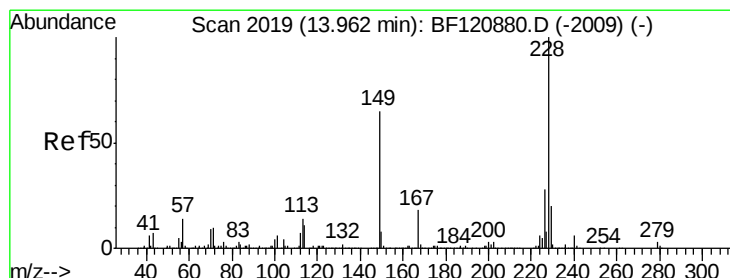
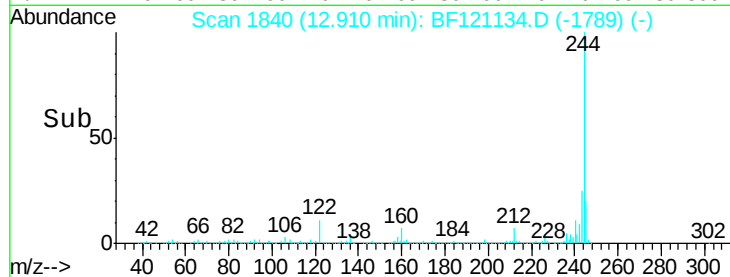
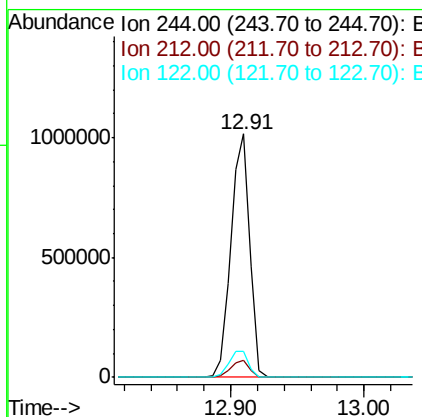
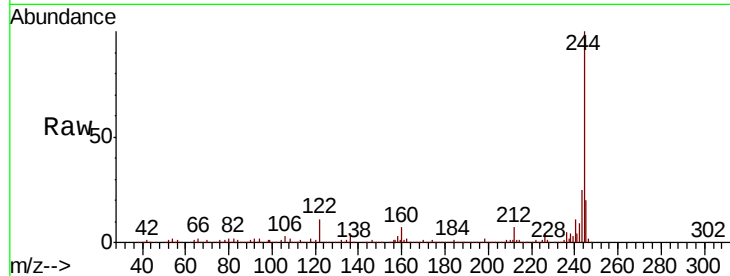
#79
 Terphenyl-d14
 Concen: 48.649 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.00 min
 Lab File: BF121134.D
 Acq: 30 Jul 2020 18:13

Instrument :
 BNA_F
 ClientSampled :
 TP-2-S

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	10.8	8.3	12.5

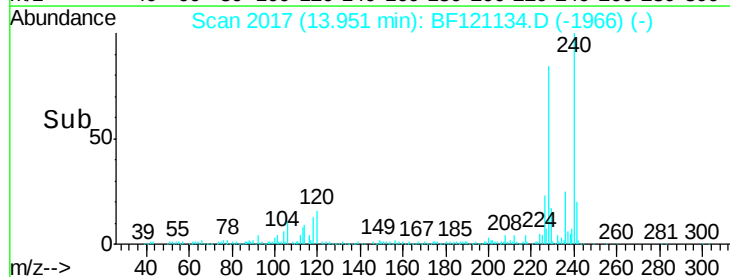
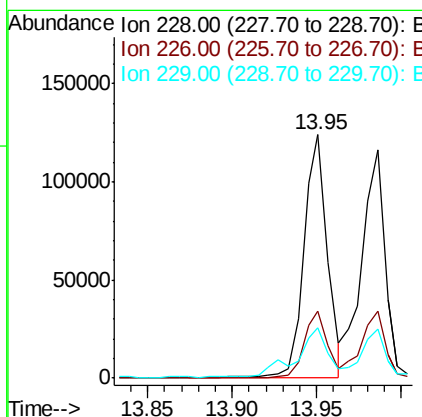
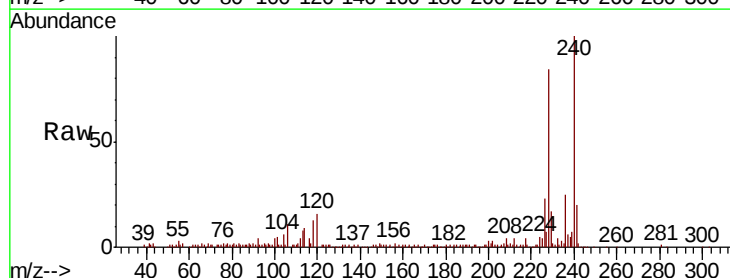
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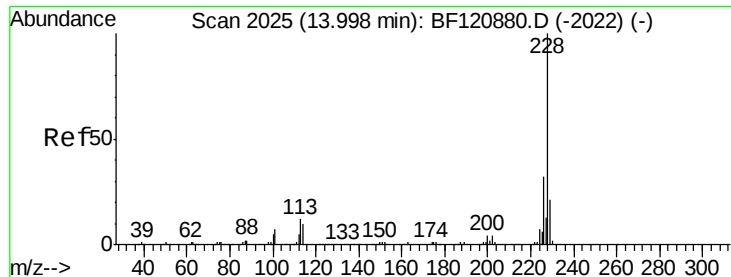
Sohil
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#81
 Benzo(a)anthracene
 Concen: 4.436 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.00 min
 Lab File: BF121134.D
 Acq: 30 Jul 2020 18:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	34.0
229	20.5	16.1	24.1





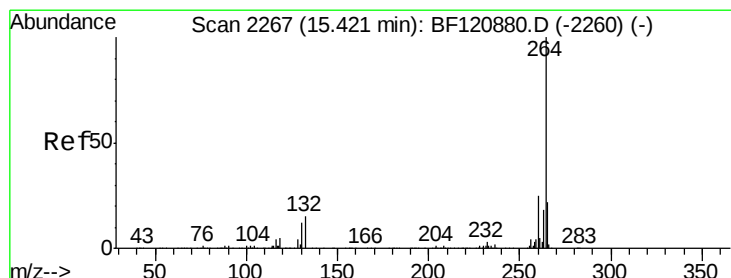
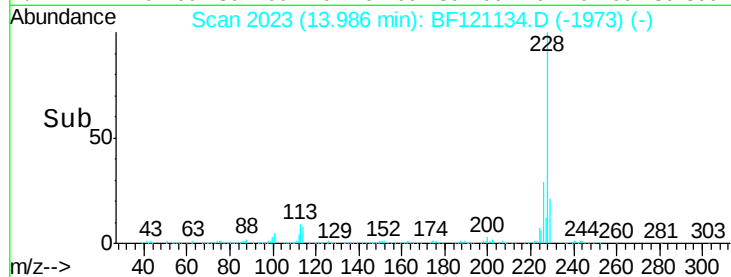
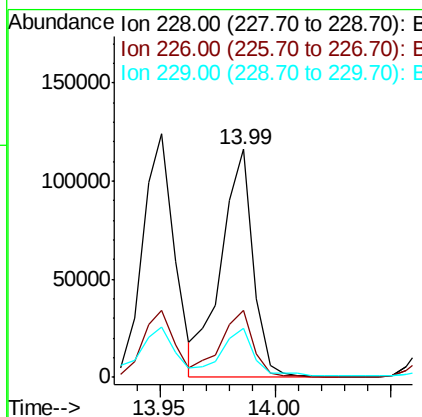
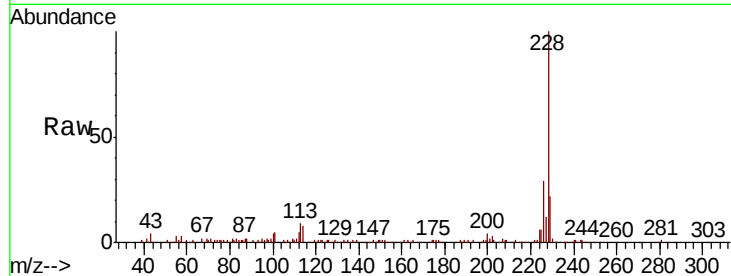
#83
Chrysene
Concen: 3.910 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF121134.D
Acq: 30 Jul 2020 18:13

Instrument :
BNA_F
ClientSampleId :
TP-2-S

Tot Ion:	228	Resp:	111961
Ion Ratio	Lower	Upper	
228	100		
226	29.1	25.4	38.0
229	21.5	16.2	24.4

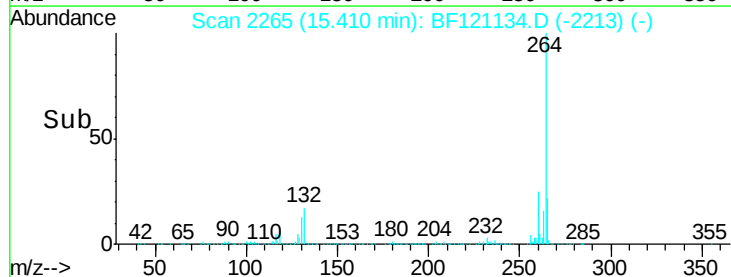
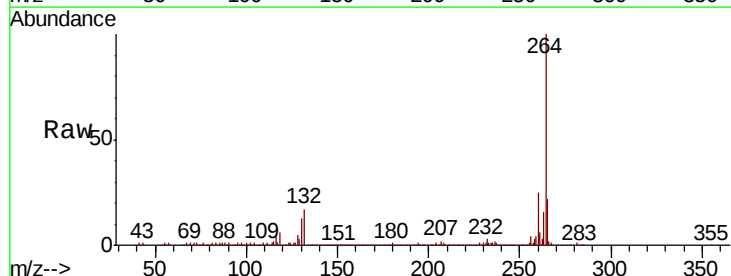
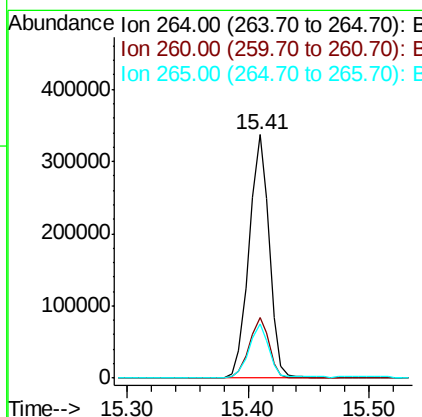
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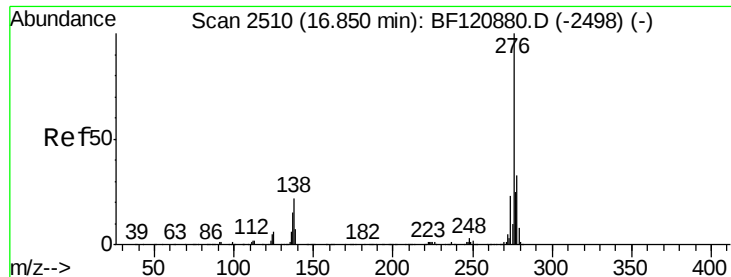
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.01 min
Lab File: BF121134.D
Acq: 30 Jul 2020 18:13

Tgt Ion:	264	Resp:	395272
Ion Ratio	Lower	Upper	
264	100		
260	24.8	19.9	29.9
265	22.3	17.8	26.8





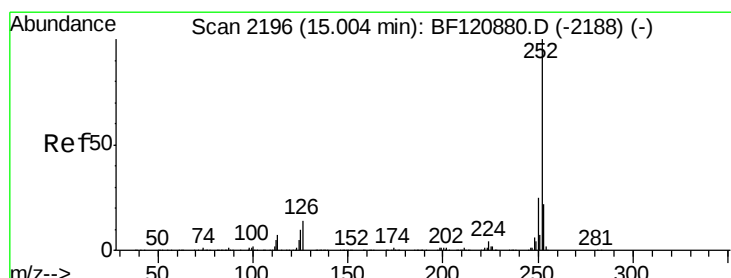
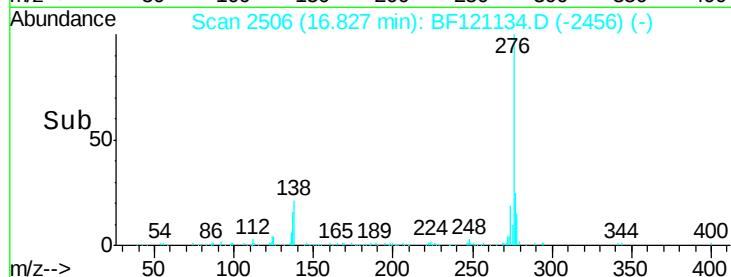
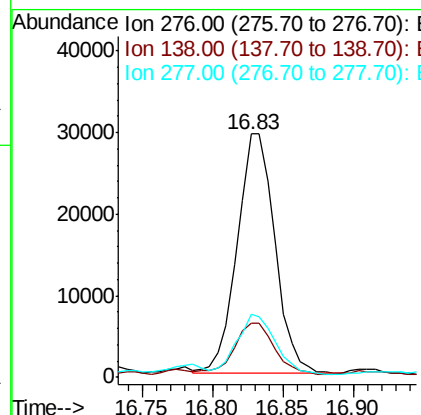
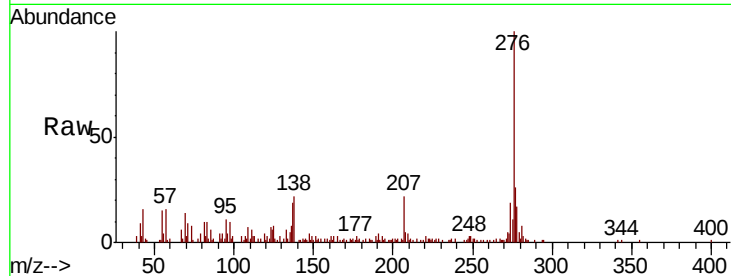
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.008 ng
 RT: 16.83 min Scan# 2506
 Delta R.T. -0.01 min
 Lab File: BF121134.D
 Acq: 30 Jul 2020 18:13

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-S

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.1	19.3	28.9
277	25.4	20.1	30.1

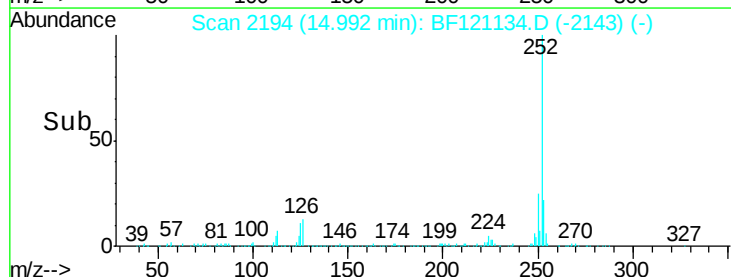
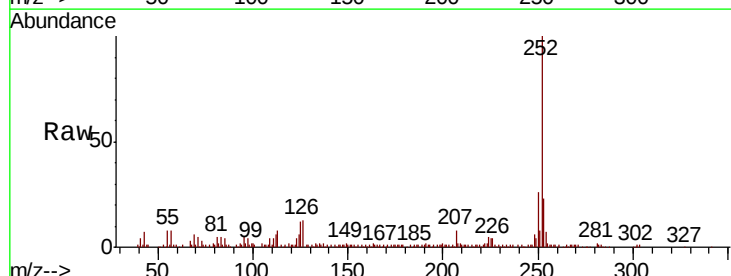
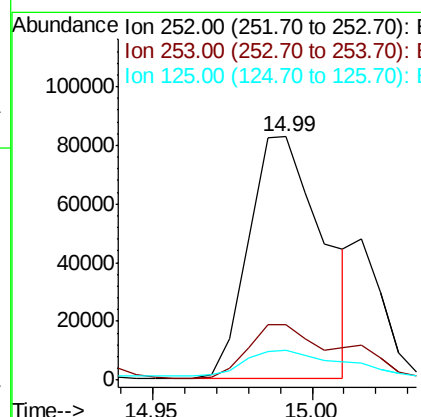
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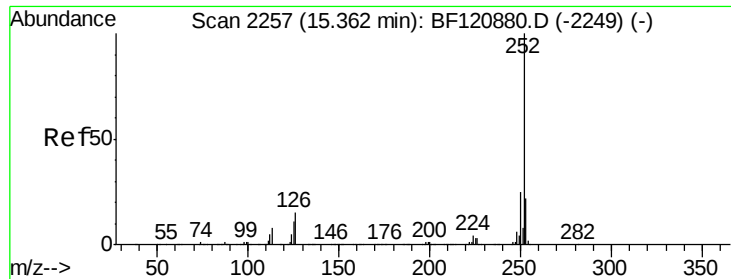
Sohil
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#88
 Benzo(b)fluoranthene
 Concen: 5.626 ng m
 RT: 14.99 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: BF121134.D
 Acq: 30 Jul 2020 18:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	12.3	8.1	12.1#





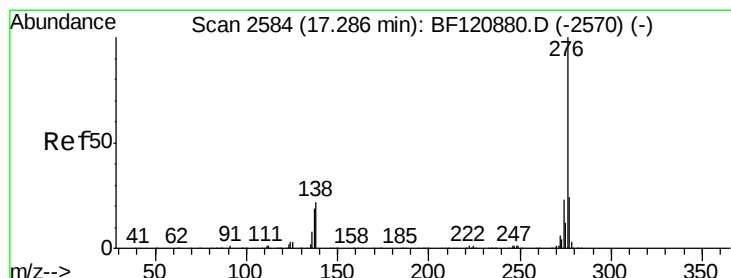
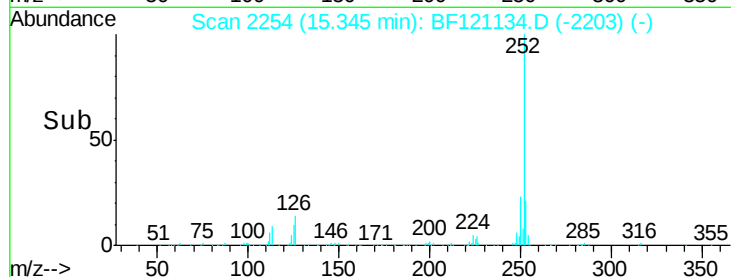
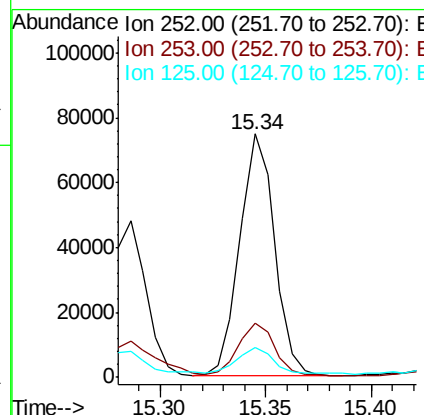
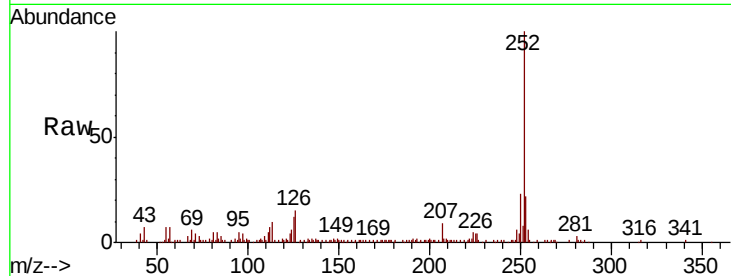
#90
Benzo(a)pyrene
Concen: 3.924 ng
RT: 15.34 min Scan# 2254
Delta R.T. 0.00 min
Lab File: BF121134.D
Acq: 30 Jul 2020 18:13

Instrument :
BNA_F
ClientSampled :
TP-2-S

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	12.1	9.5	14.3

Manual Integrations
APPROVED

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#92
Benzo(g,h,i)perylene
Concen: 2.507 ng
RT: 17.26 min Scan# 2580
Delta R.T. 0.00 min
Lab File: BF121134.D
Acq: 30 Jul 2020 18:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.4	29.0
138	21.6	17.2	25.8

