

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100920\
 Data File : BF121908.D
 Acq On : 9 Oct 2020 16:11
 Operator : JU/CG
 Sample : L4315-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 346

Manual Integrations
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mohammad
 10/12/2020 11:34:04 AM

Quant Time: Oct 09 17:59:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	104560	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	409564	20.00	ng	-0.02
39) Acenaphthene-d10	9.79	164	206304	20.00	ng	-0.02
64) Phenanthrene-d10	11.27	188	358757	20.00	ng	-0.02
76) Chrysene-d12	13.92	240	244977	20.00	ng	-0.02
86) Perylene-d12	15.36	264	250296	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	547625	77.83	ng	0.00
7) Phenol-d6	6.40	99	698646	75.69	ng	-0.02
23) Nitrobenzene-d5	7.32	82	470234	61.65	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	195550	76.27	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	839435	61.63	ng	-0.02
79) Terphenyl-d14	12.86	244	753133	62.28	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.51	163	149858	10.022	ng	100
71) Phenanthrene	11.30	178	58658	3.001	ng	98
75) Fluoranthene	12.49	202	61469	2.946	ng	98
78) Pyrene	12.72	202	121982	6.815	ng	97
81) Benzo(a)anthracene	13.90	228	44274	2.857	ng	93
83) Chrysene	13.94	228	44699	2.848	ng	97
87) Indeno(1,2,3-cd)pyrene	16.77	276	34948	2.144	ng	94
88) Benzo(b)fluoranthene	14.94	252	56453m	3.374	ng	
90) Benzo(a)pyrene	15.30	252	45876	3.225	ng	98
92) Benzo(g,h,i)perylene	17.20	276	44618	3.345	ng	98

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

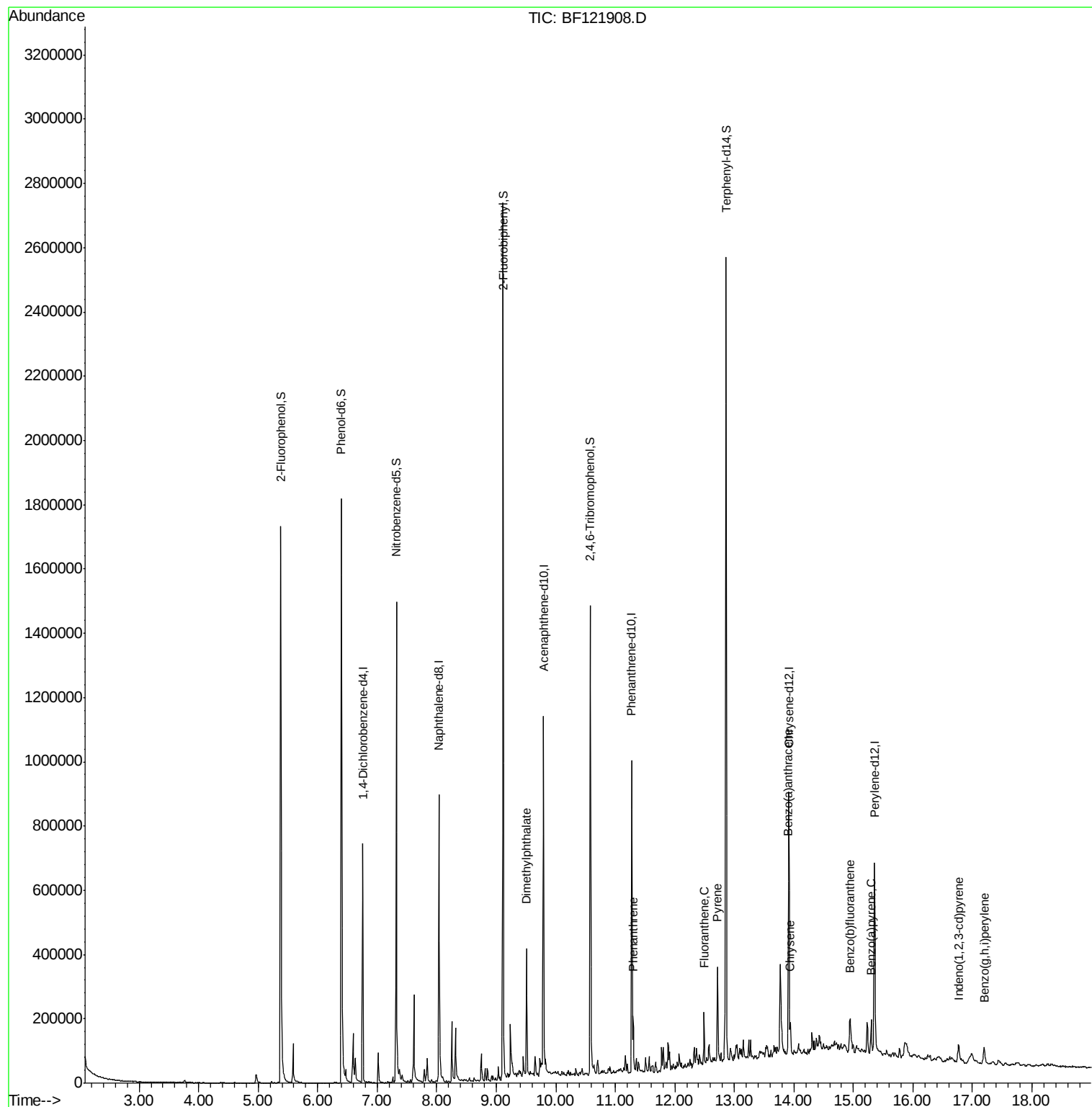
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100920\
Data File : BF121908.D
Acq On : 9 Oct 2020 16:11
Operator : JU/CG
Sample : L4315-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
346

Manual Integrations
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Quant Time: Oct 09 17:59:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 01 14:29:14 2020
Response via : Initial Calibration





#1

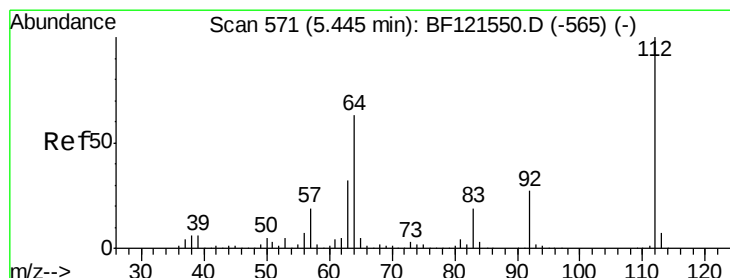
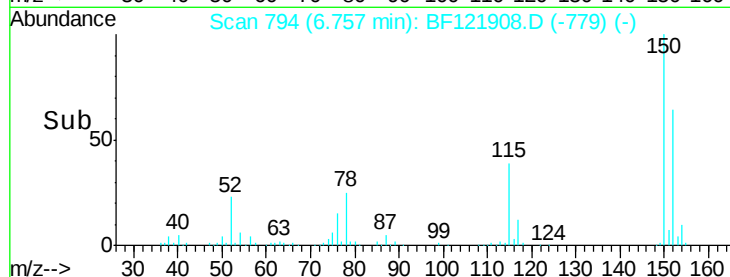
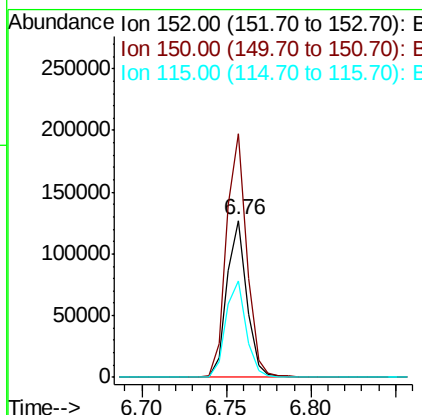
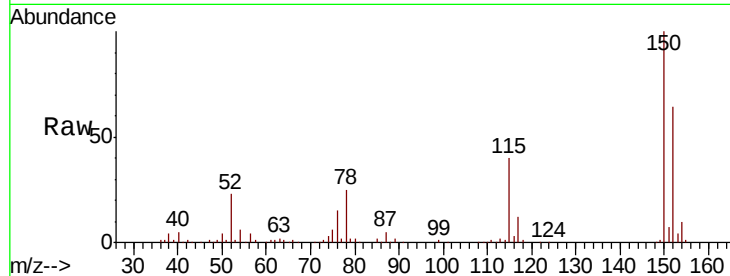
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF121908.D
Acq: 9 Oct 2020 16:11

Instrument :
BNA_F
ClientSampled :
346

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	125.3	187.9
115	61.3	51.9	77.9

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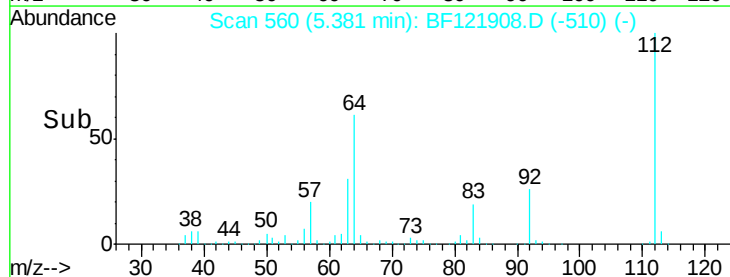
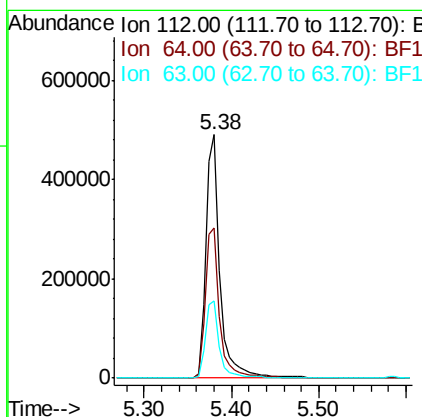
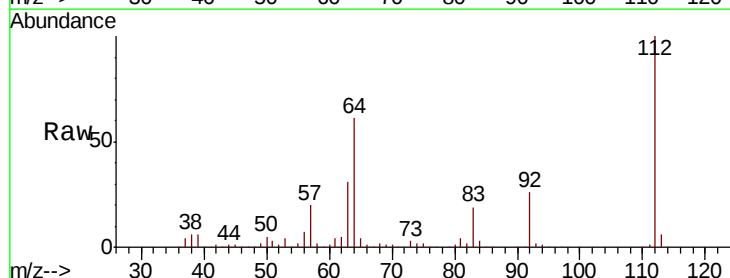
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#5

2-Fluorophenol
Concen: 77.835 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF121908.D
Acq: 9 Oct 2020 16:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.4	50.4	75.6
63	31.5	25.8	38.6





#7

Phenol-d6

Concen: 75.689 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.02 min

Lab File: BF121908.D

Acq: 9 Oct 2020 16:11

Instrument :

BNA_F

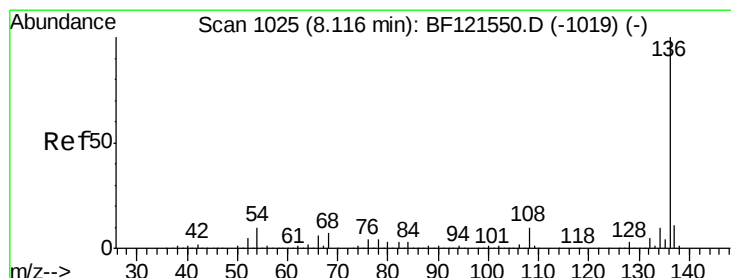
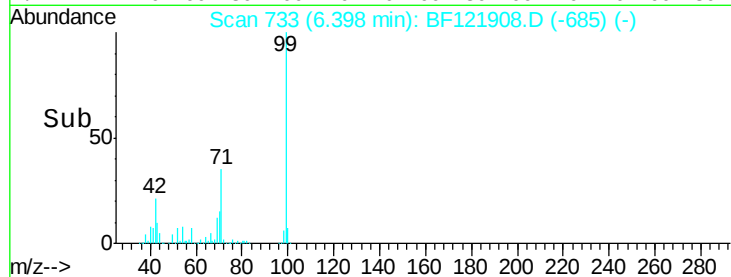
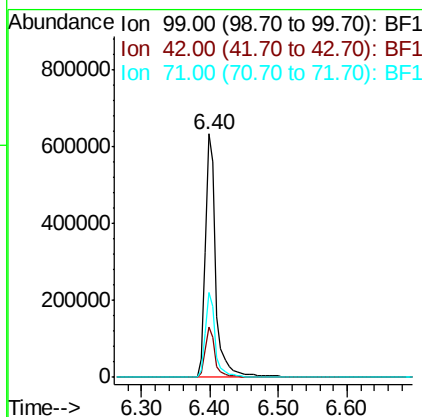
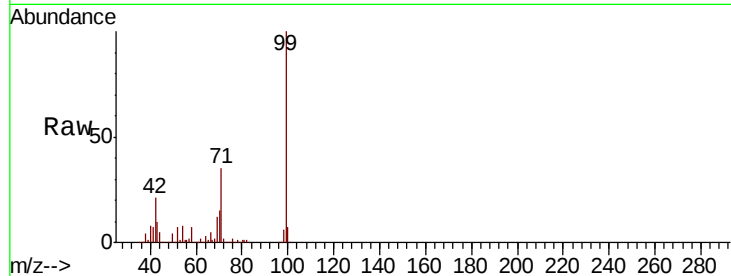
ClientSampleId :

346

Tot Ion:	99	Resp:	698646
Ion Ratio	Lower	Upper	
99	100		
42	20.5	15.9	23.9
71	34.7	27.1	40.7

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#21

Naphthalene-d8

Concen: 20.000 ng

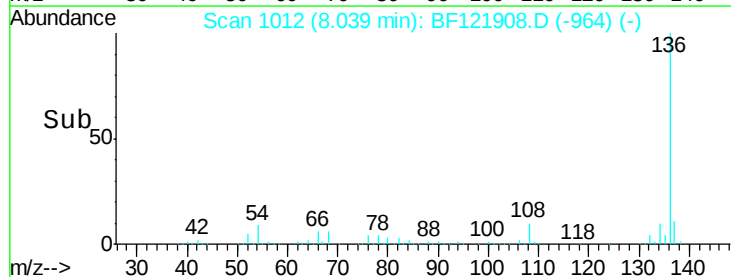
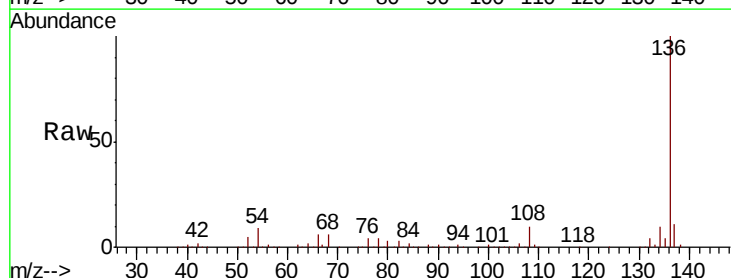
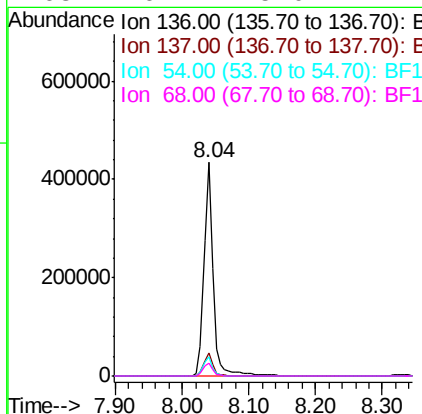
RT: 8.04 min Scan# 1012

Delta R.T. -0.02 min

Lab File: BF121908.D

Acq: 9 Oct 2020 16:11

Tgt Ion:	136	Resp:	409564
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.6	13.0
54	9.1	7.1	10.7
68	6.2	5.0	7.4





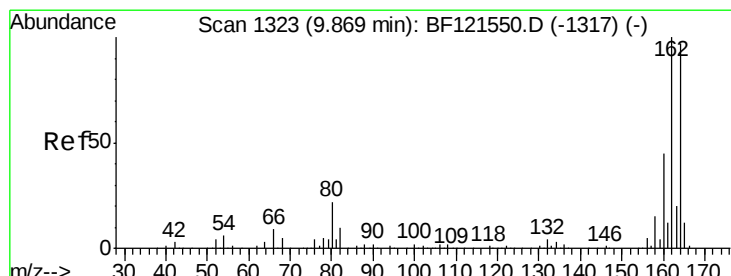
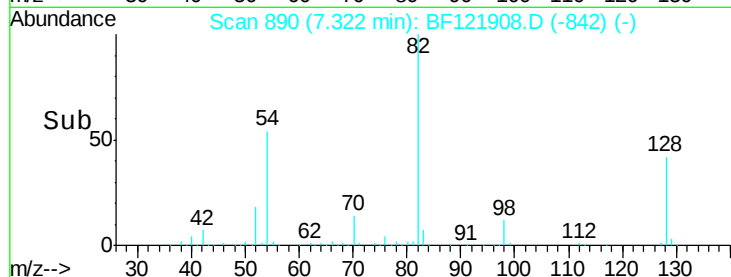
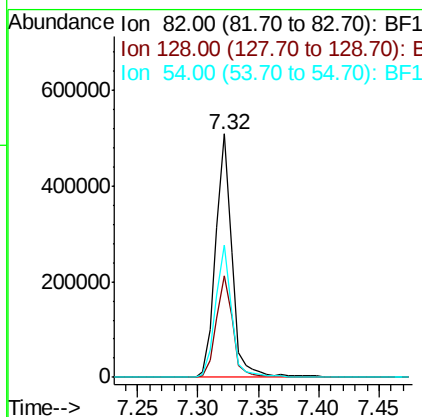
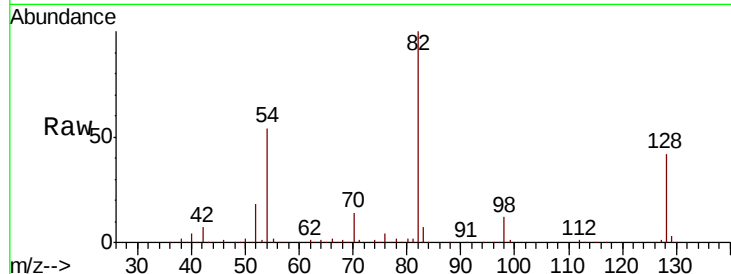
#23
Nitrobenzene-d5
Concen: 61.645 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.02 min
Lab File: BF121908.D
Acq: 9 Oct 2020 16:11

Instrument :
BNA_F
ClientSampled :
346

Tot Ion	82	Resp	470234
Ion Ratio	100	Lower	Upper
128	41.8	35.0	52.4
54	54.5	43.9	65.9

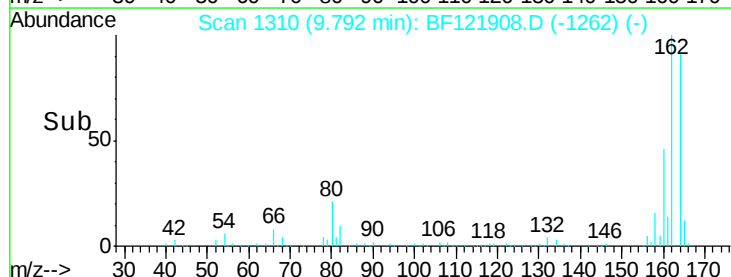
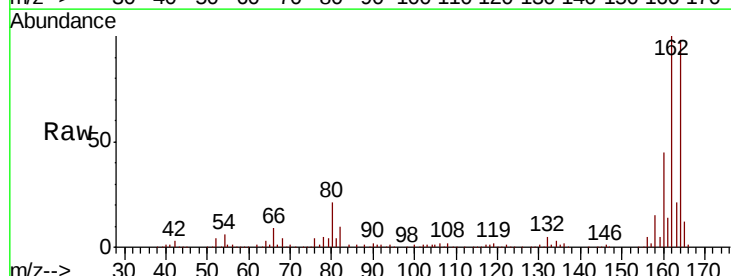
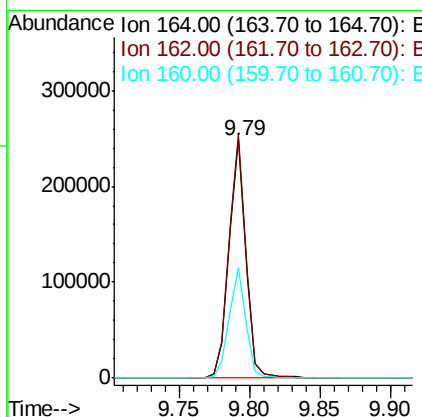
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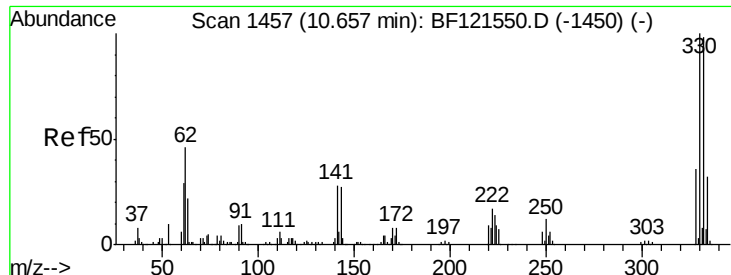
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF121908.D
Acq: 9 Oct 2020 16:11

Tgt Ion	164	Resp	206304
Ion Ratio	100	Lower	Upper
162	102.3	83.2	124.8
160	46.4	37.5	56.3





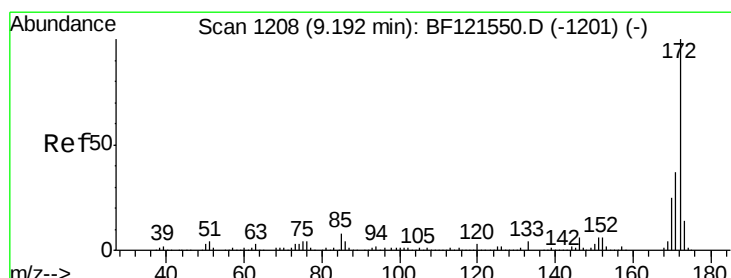
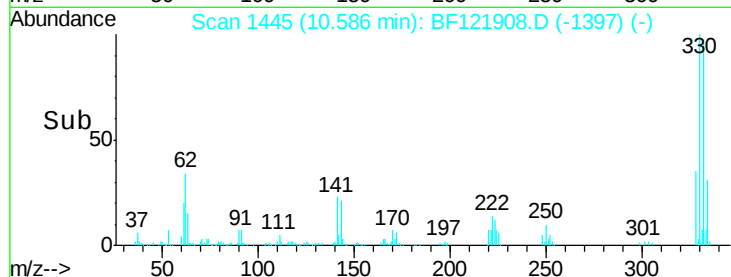
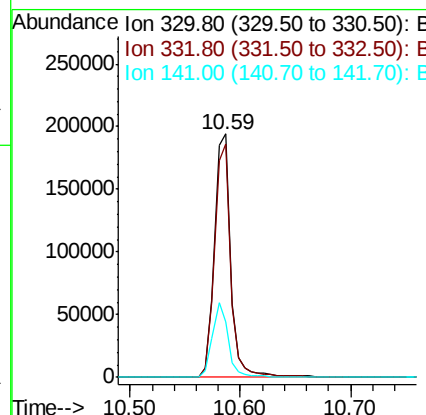
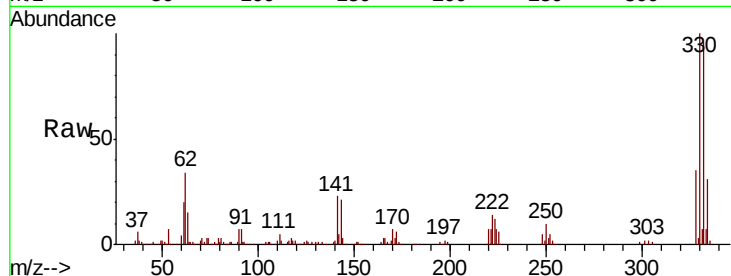
#42
 2,4,6-Tribromophenol
 Concen: 76.265 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.02 min
 Lab File: BF121908.D
 Acq: 9 Oct 2020 16:11

Instrument :
 BNA_F
 ClientSampled :
 346

Tot Ion	Ratio	Resp	Lower	Upper
330	100	195550		
332	96.0	77.3	115.9	
141	30.0	22.3	33.5	

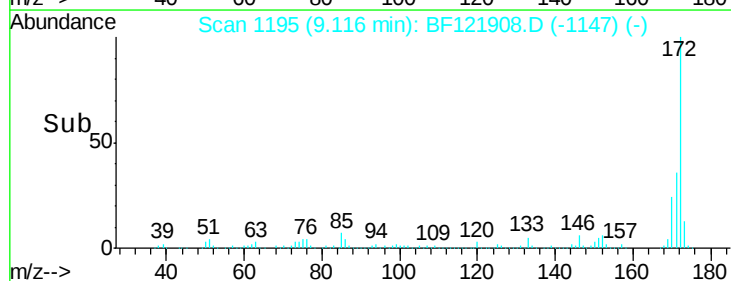
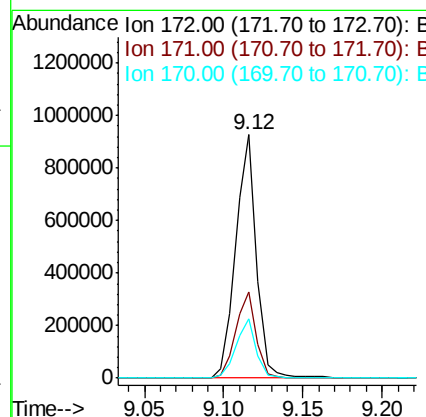
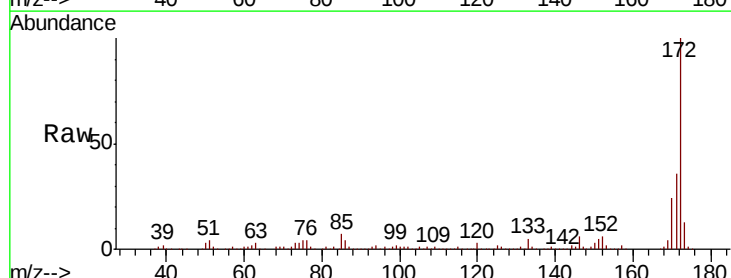
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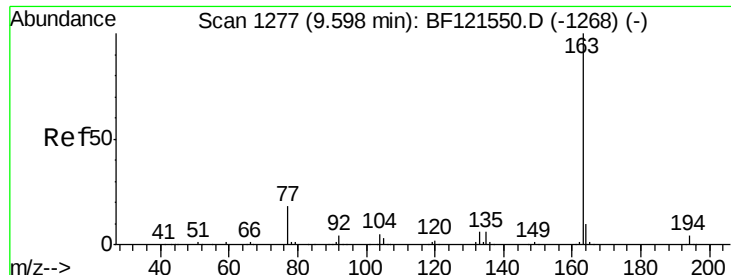
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#45
 2-Fluorobiphenyl
 Concen: 61.625 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BF121908.D
 Acq: 9 Oct 2020 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	839435		
171	35.6	29.1	43.7	
170	24.2	19.8	29.6	





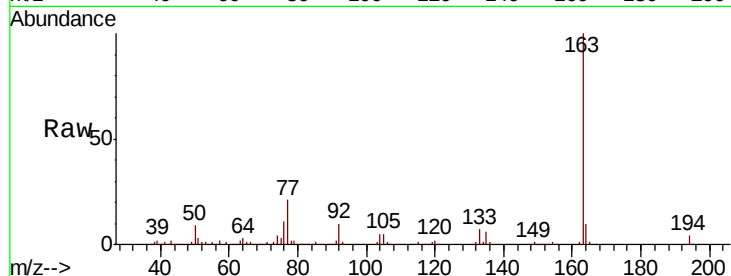
#50
Dimethylphthalate
Concen: 10.022 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BF121908.D
Acq: 9 Oct 2020 16:11

Instrument :
BNA_F
ClientSampled :
346

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.3	4.9
164	10.2	8.2	12.4

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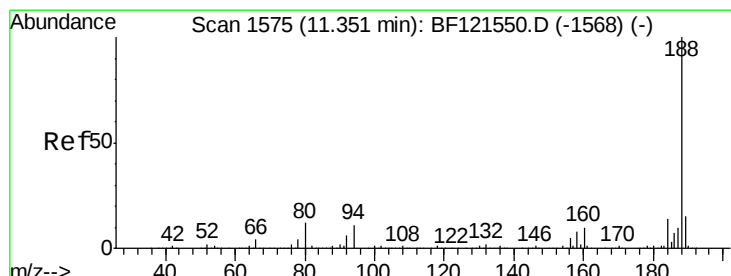
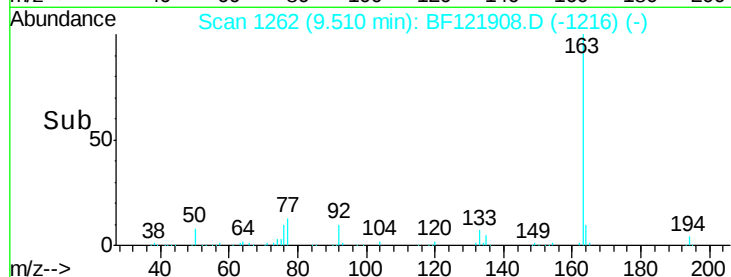
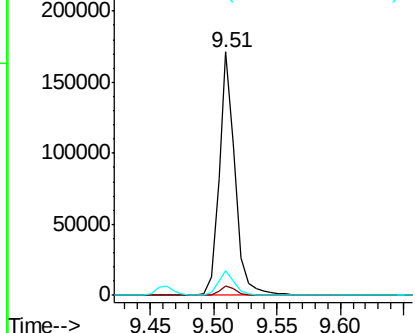


Abundance

Ion 163.00 (162.70 to 163.70): E

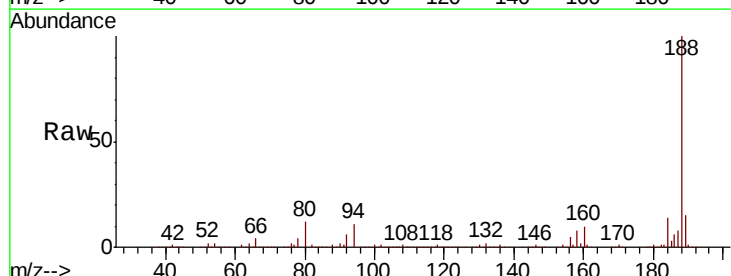
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.02 min
Lab File: BF121908.D
Acq: 9 Oct 2020 16:11

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.3	12.5
80	12.1	9.1	13.7

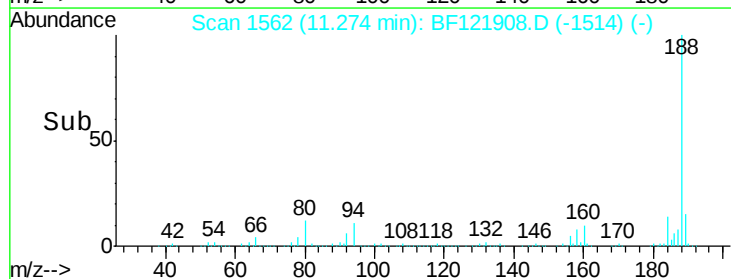
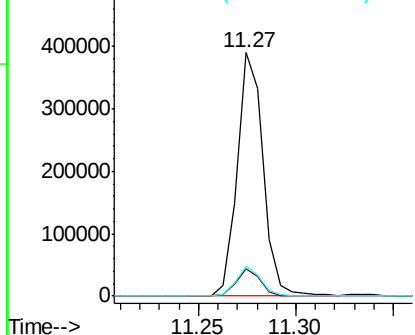


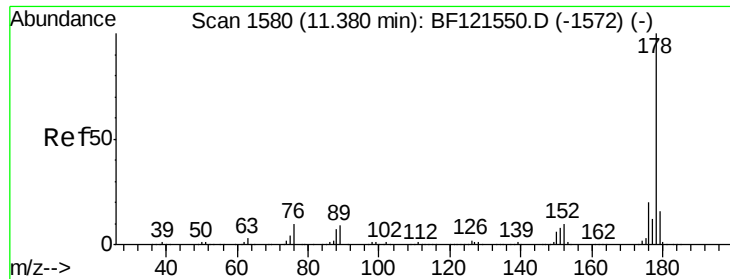
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#71

Phenanthrene

Concen: 3.001 ng

RT: 11.30 min Scan# 1566

Delta R.T. -0.02 min

Lab File: BF121908.D

Acq: 9 Oct 2020 16:11

Instrument :

BNA_F

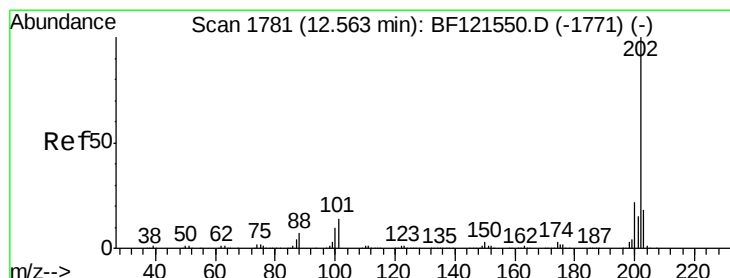
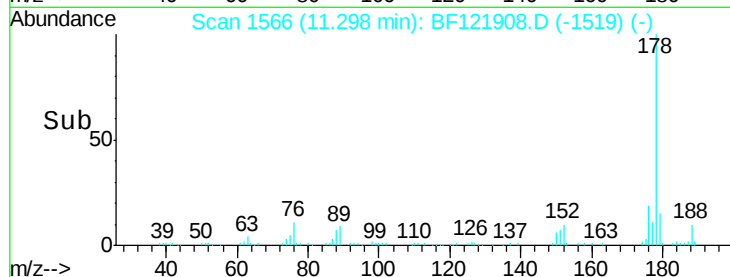
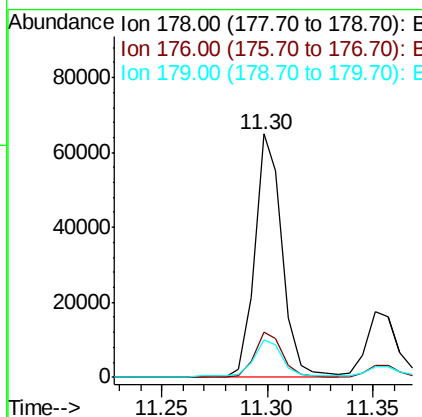
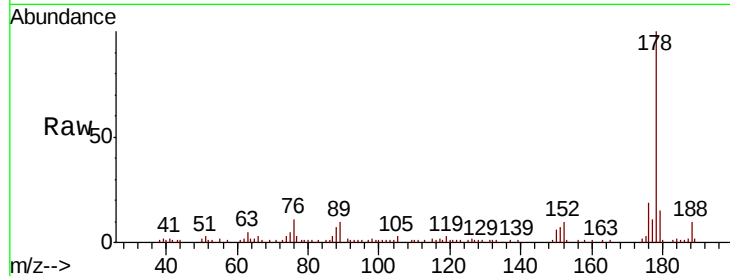
ClientSampleId :

346

Tot Ion:	178	Resp:	58658
Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.9	23.9
179	15.3	12.2	18.4

Manual Integrations
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#75

Fluoranthene

Concen: 2.946 ng

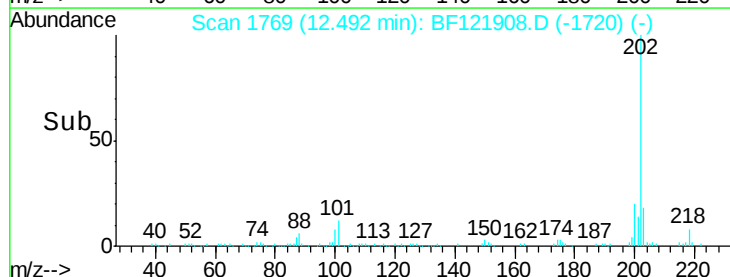
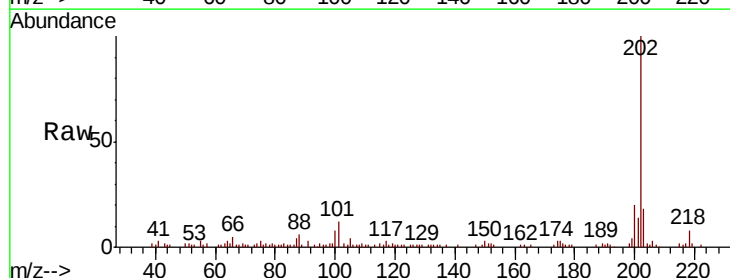
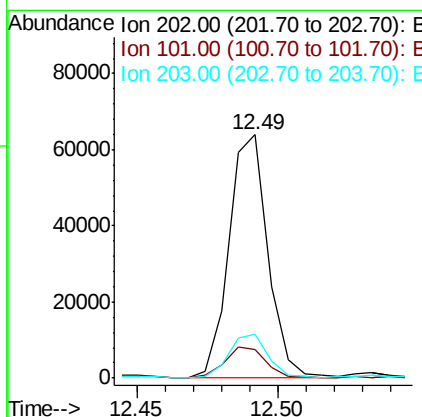
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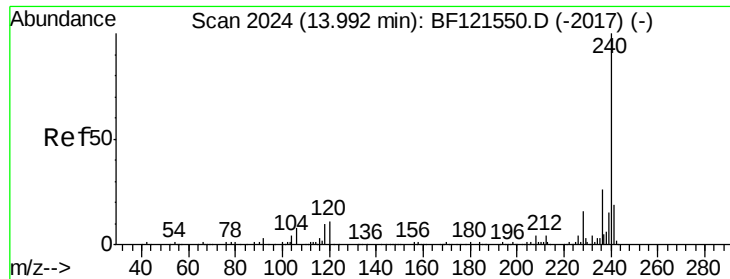
Delta R.T. -0.01 min

Lab File: BF121908.D

Acq: 9 Oct 2020 16:11

Tgt Ion:	202	Resp:	61469
Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	33.4
203	18.2	0.0	37.9





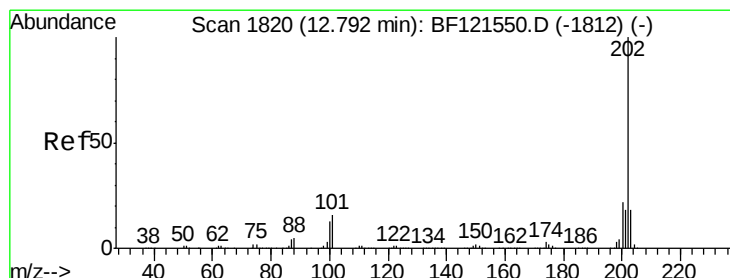
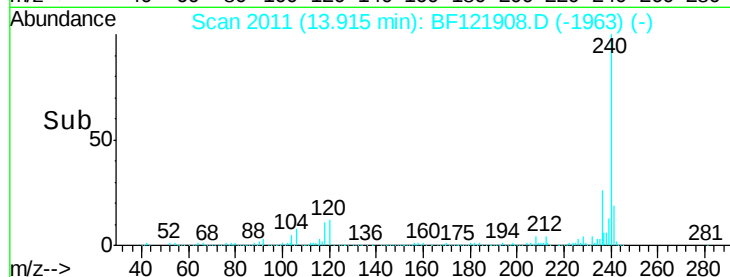
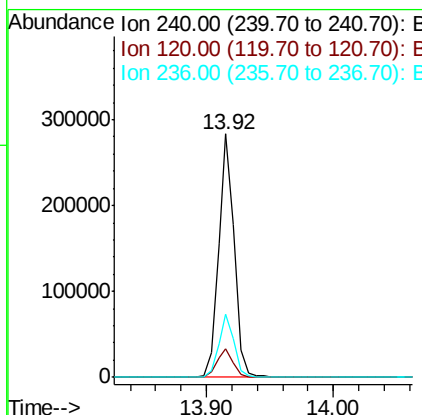
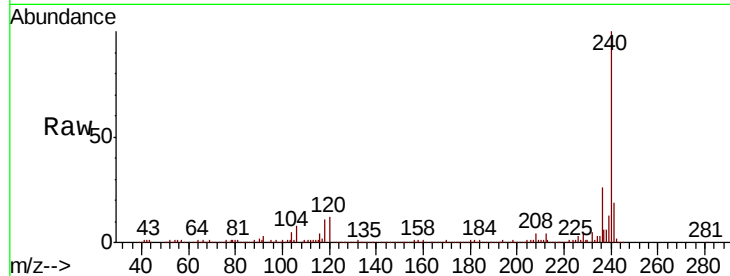
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.02 min
Lab File: BF121908.D
Acq: 9 Oct 2020 16:11

Instrument :
BNA_F
ClientSampleId :
346

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.2	13.8
236	26.1	20.9	31.3

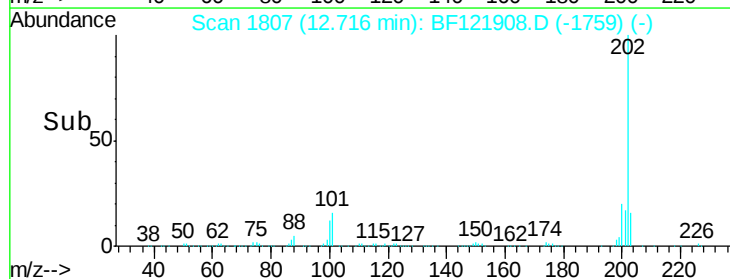
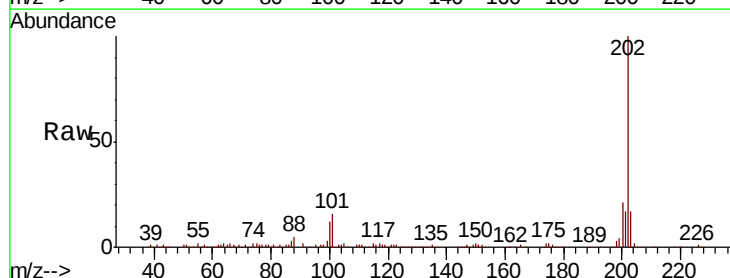
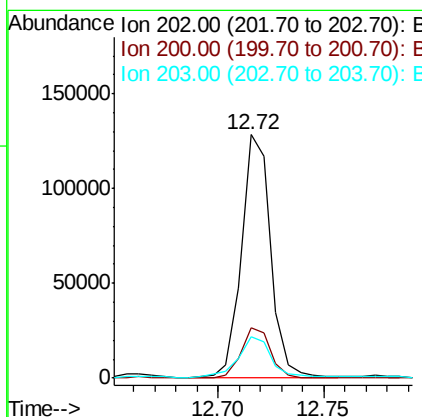
Manual Integrations
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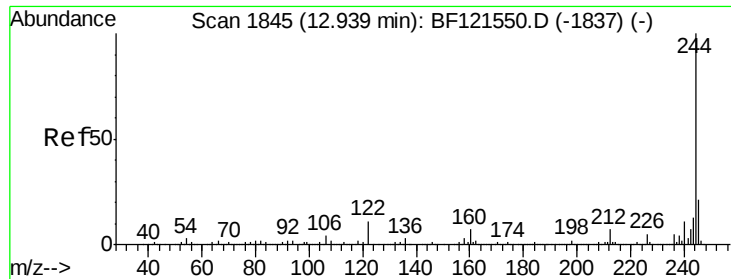
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#78
Pyrene
Concen: 6.815 ng
RT: 12.72 min Scan# 1807
Delta R.T. -0.02 min
Lab File: BF121908.D
Acq: 9 Oct 2020 16:11

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	16.9	14.6	21.8





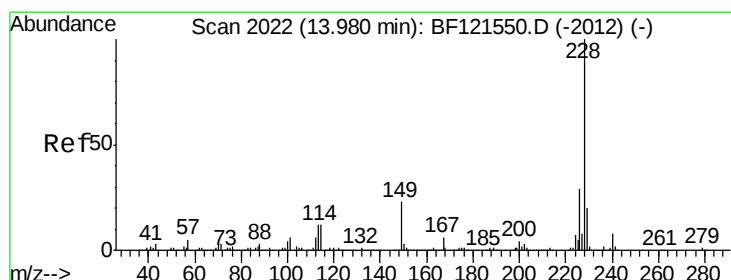
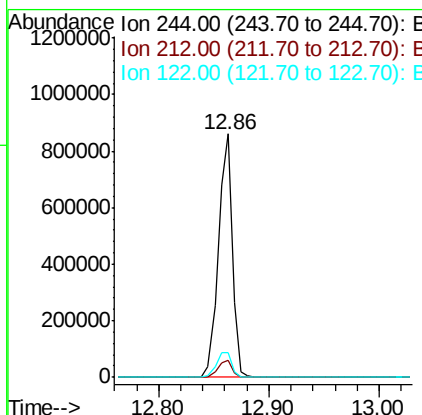
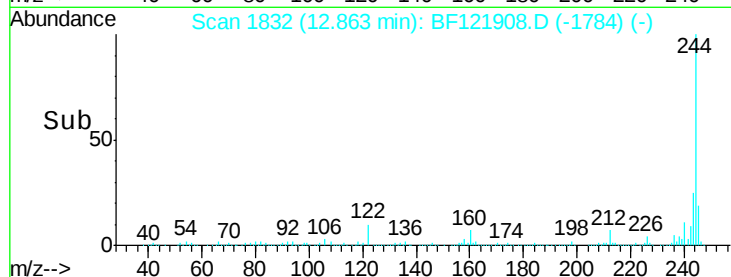
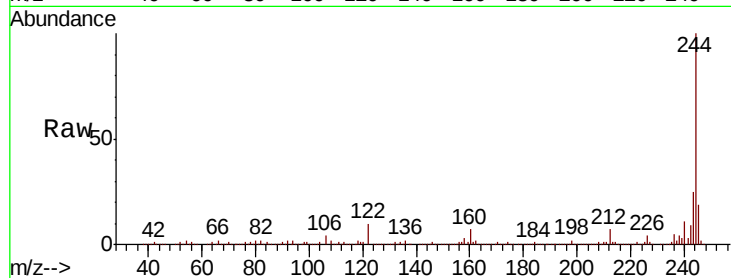
#79
 Terphenyl-d14
 Concen: 62.282 ng
 RT: 12.86 min Scan# 1832
 Delta R.T. -0.02 min
 Lab File: BF121908.D
 Acq: 9 Oct 2020 16:11

Instrument :
 BNA_F
 ClientSampled :
 346

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.2
122	10.1	8.1	12.1

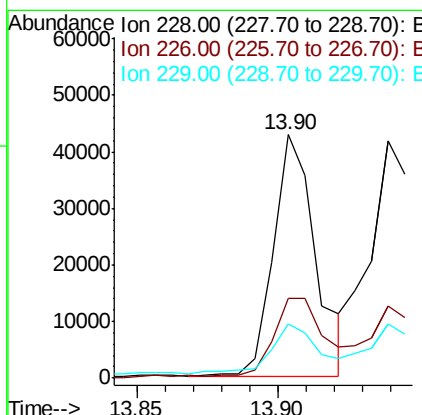
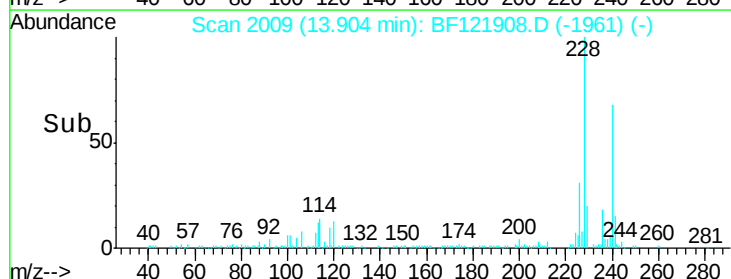
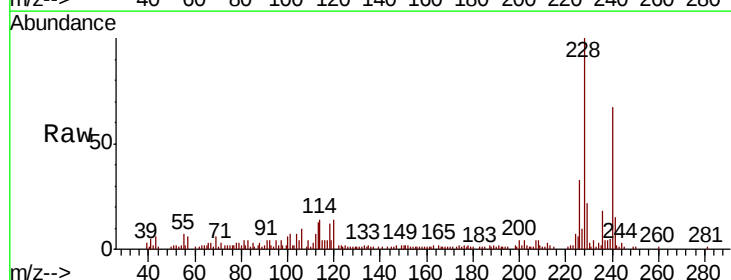
Manual Integrations
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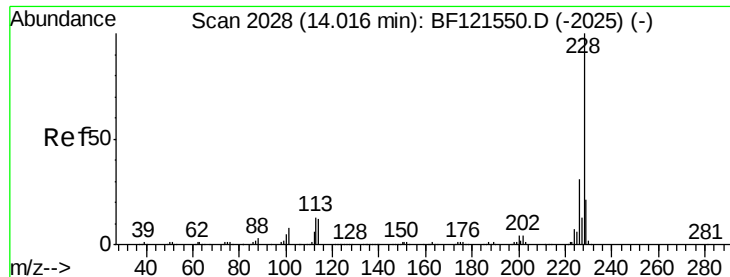
mohammad
 10/12/2020 11:34:04 AM



#81
 Benzo(a)anthracene
 Concen: 2.857 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.02 min
 Lab File: BF121908.D
 Acq: 9 Oct 2020 16:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.7	22.3	33.5
229	22.2	16.2	24.4





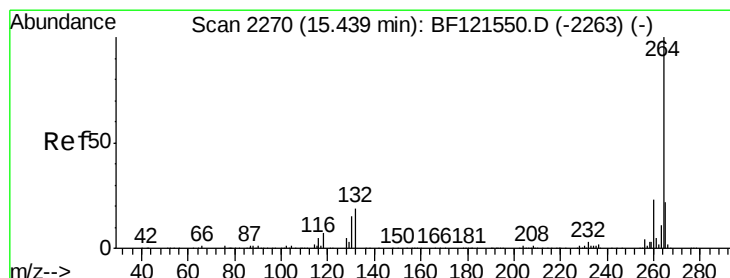
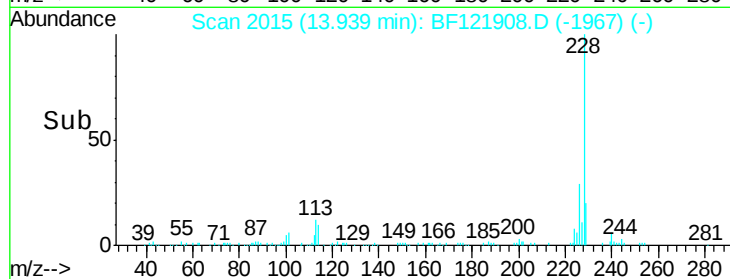
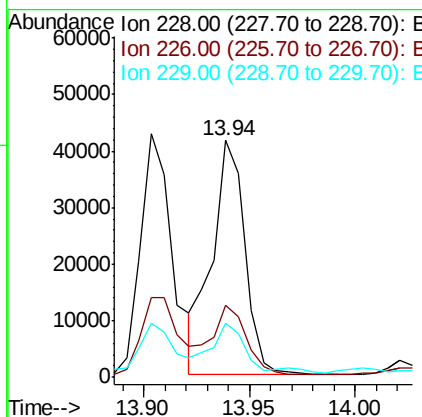
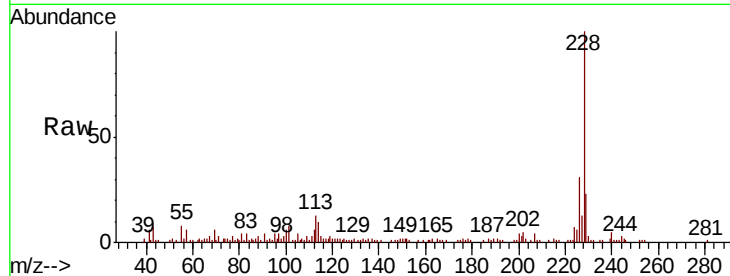
#83
Chrysene
Concen: 2.848 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.02 min
Lab File: BF121908.D
Acq: 9 Oct 2020 16:11

Instrument :
BNA_F
ClientSampled :
346

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.6	37.0
229	22.9	15.9	23.9

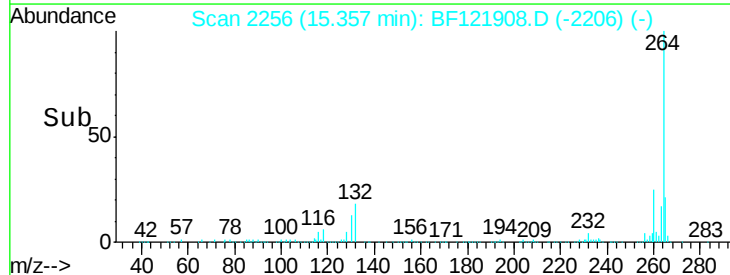
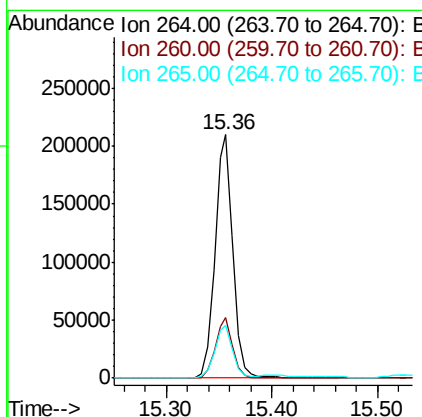
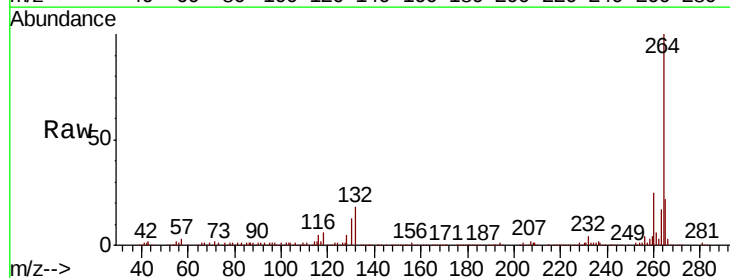
Manual Integrations
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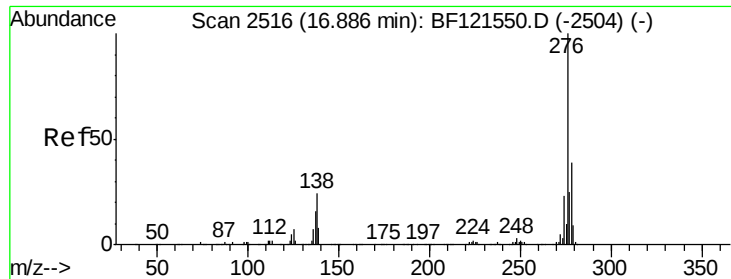
mohammad
10/12/2020 11:34:04 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF121908.D
Acq: 9 Oct 2020 16:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	18.7	28.1
265	21.6	17.3	25.9





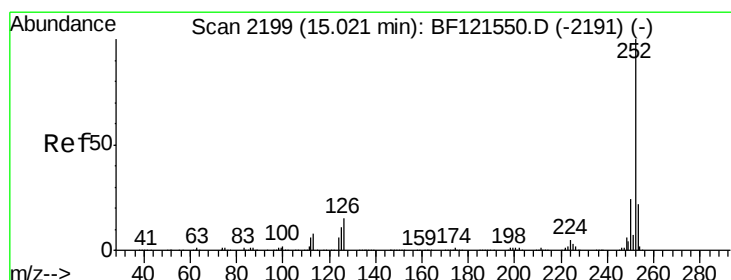
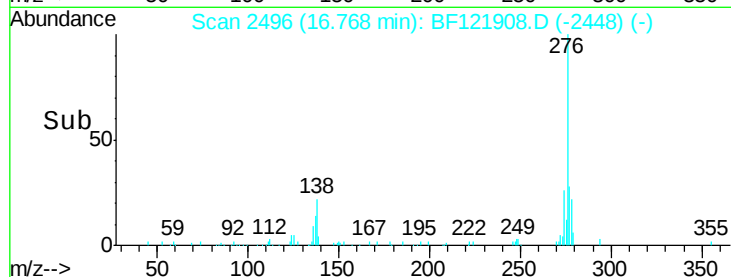
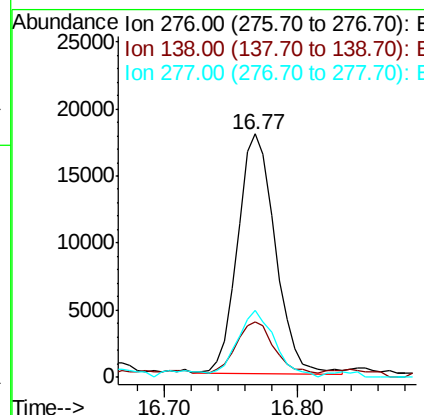
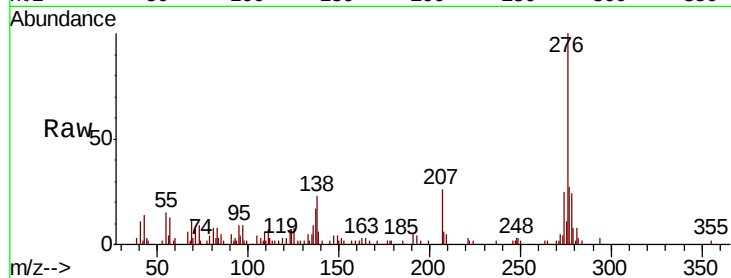
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.144 ng
 RT: 16.77 min Scan# 2496
 Delta R.T. -0.02 min
 Lab File: BF121908.D
 Acq: 9 Oct 2020 16:11

Instrument :
 BNA_F
 ClientSampleId :
 346

Tot Ion:	276	Resp:	34948
Ion Ratio	Lower	Upper	
276	100		
138	21.0	19.9	29.9
277	27.9	20.4	30.6

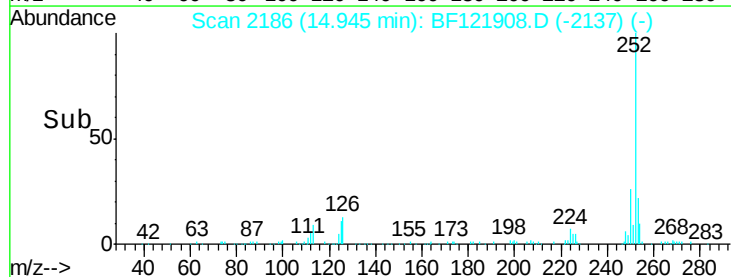
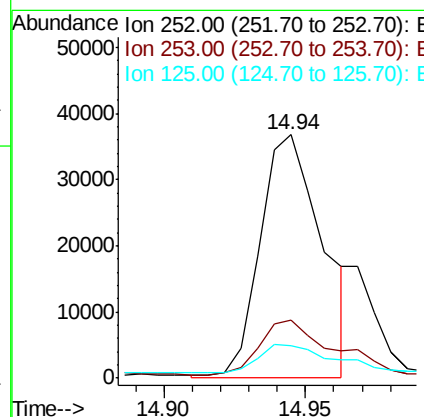
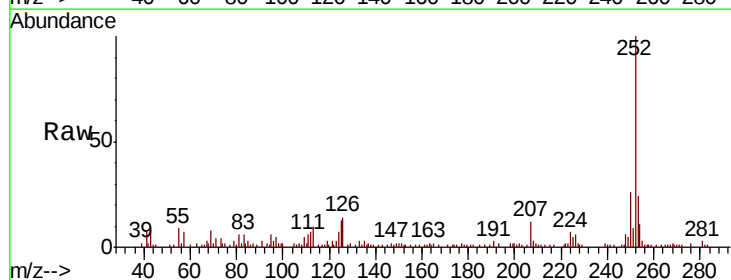
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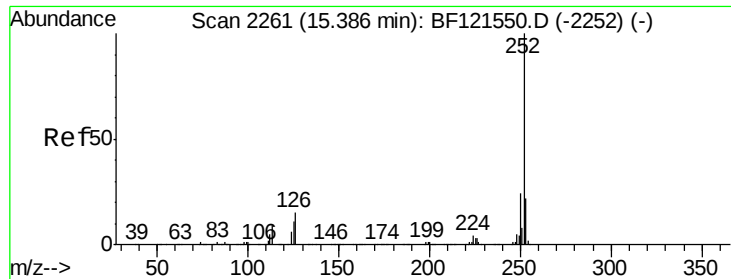
mohammad
 10/12/2020 11:34:04 AM



#88
 Benzo(b)fluoranthene
 Concen: 3.374 ng m
 RT: 14.94 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: BF121908.D
 Acq: 9 Oct 2020 16:11

Tgt Ion:	252	Resp:	56453
Ion Ratio	Lower	Upper	
252	100		
253	23.6	18.2	27.2
125	13.1	8.0	12.0#





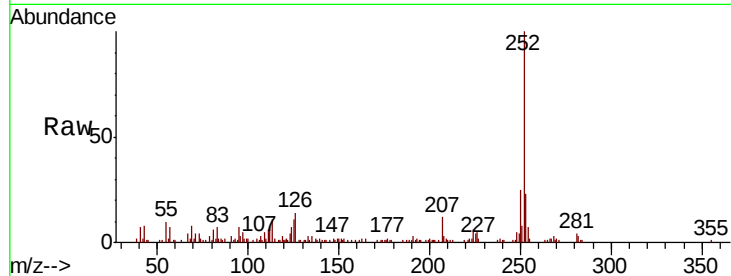
#90
Benzo(a)pyrene
Concen: 3.225 ng
RT: 15.30 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BF121908.D
Acq: 9 Oct 2020 16:11

Instrument :
BNA_F
ClientSampled :
346

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.3	25.9
125	11.4	8.6	13.0

Manual Integrations
APPROVED

mohammad
10/12/2020 11:34:04 AM

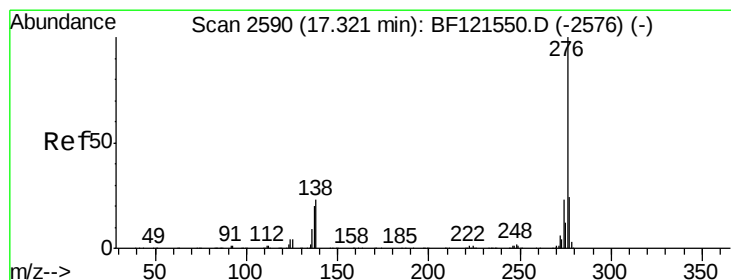
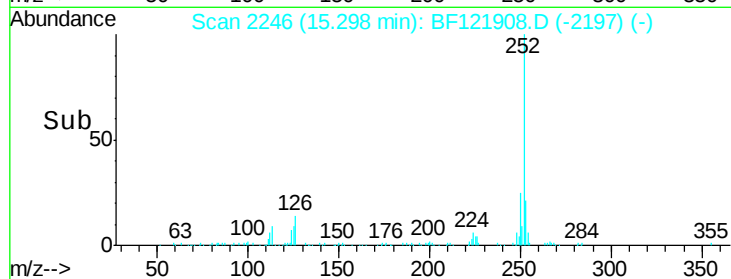
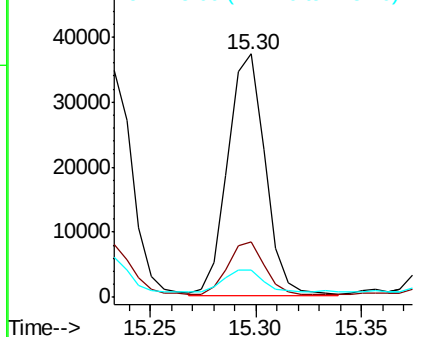


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#92
Benzo(g,h,i)perylene
Concen: 3.345 ng
RT: 17.20 min Scan# 2569
Delta R.T. -0.01 min
Lab File: BF121908.D
Acq: 9 Oct 2020 16:11

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.1	19.4	29.2
138	20.7	17.8	26.6

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

