

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
 Data File : BF121466.D
 Acq On : 28 Aug 2020 18:30
 Operator : JU/CG
 Sample : L3837-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 789UMR-TP11-0006-02

Manual Integrations
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mohammad
 8/31/2020 10:27:27 AM

Quant Time: Aug 28 19:13:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 28 09:25:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	299023	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1165383	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	600324	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	1134882	20.00	ng	0.00
76) Chrysene-d12	14.02	240	794120	20.00	ng	0.00
86) Perylene-d12	15.49	264	703420	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1403903	78.77	ng	0.00
7) Phenol-d6	6.48	99	1832667	73.58	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1161850	68.16	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	526362	86.81	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2074134	55.75	ng	0.00
79) Terphenyl-d14	12.97	244	2117052	56.12	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.61	163	210028	5.093	ng	98
71) Phenanthrene	11.40	178	140036	2.404	ng	95
75) Fluoranthene	12.59	202	322289	5.135	ng	95
78) Pyrene	12.82	202	263102	4.639	ng	95
81) Benzo(a)anthracene	14.01	228	122471	2.526	ng	98
83) Chrysene	14.04	228	140387	2.895	ng	96
88) Benzo(b)fluoranthene	15.06	252	181046m	3.957	ng	
90) Benzo(a)pyrene	15.42	252	112689	2.739	ng	97
92) Benzo(g,h,i)perylene	17.37	276	86341	2.530	ng	98

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

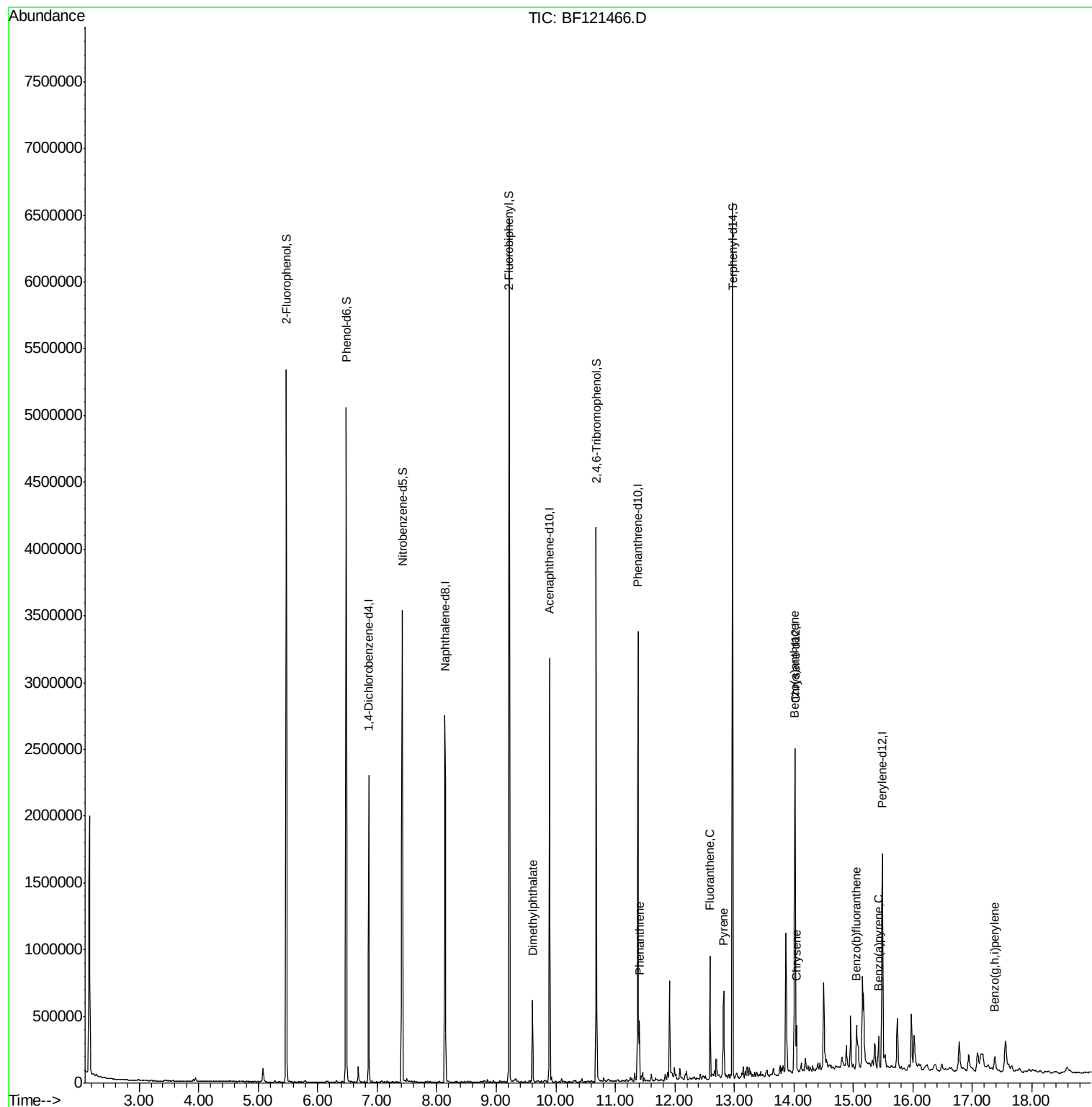
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
Data File : BF121466.D
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Operator : JU/CG
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Misc :
ALS Vial : 16 Sample Multiplier: 1

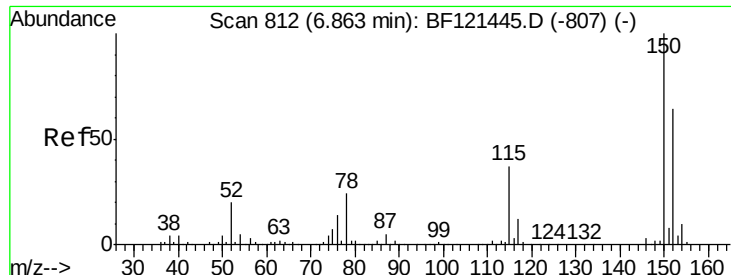
Instrument :
BNA_F
ClientSampleId :
789UMR-TP11-0006-02

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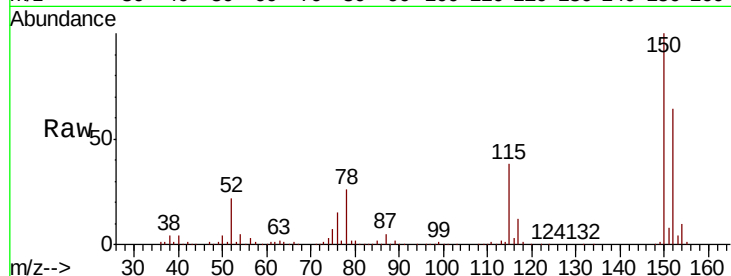
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF121466.D
 Acq: 28 Aug 2020 18:30

Instrument :
 BNA_F
 ClientSampleId :
 789UMR-TP11-0006-02

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	125.8	188.6
115	60.2	46.6	69.8

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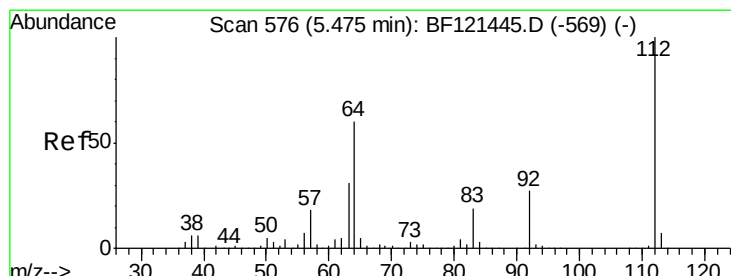
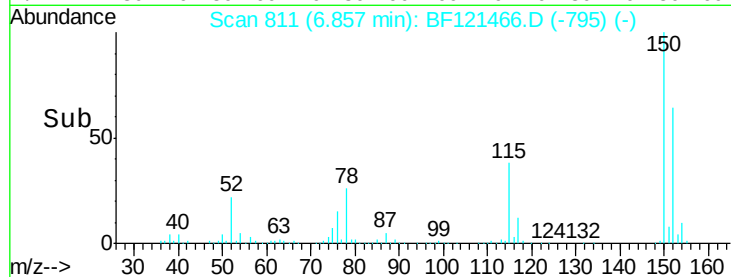
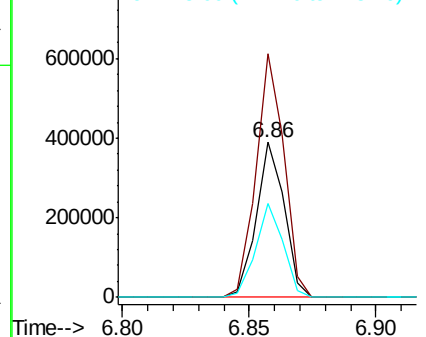


Abundance

Ion 152.00 (151.70 to 152.70): E

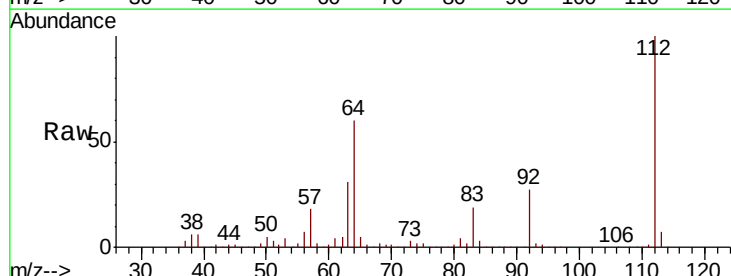
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 78.770 ng
 RT: 5.47 min Scan# 576
 Delta R.T. -0.00 min
 Lab File: BF121466.D
 Acq: 28 Aug 2020 18:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.2	48.2	72.2
63	30.9	24.8	37.2

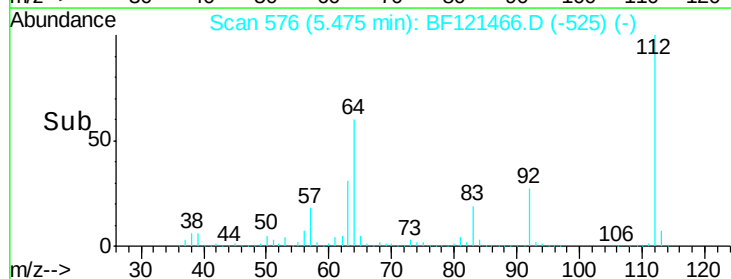
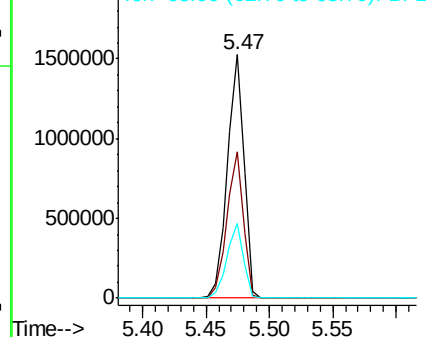


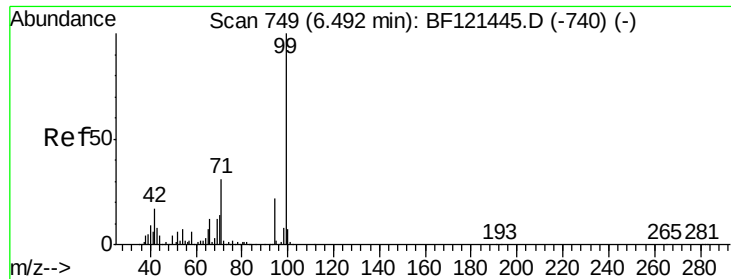
Abundance

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: 73.580 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF121466.D

Acq: 28 Aug 2020 18:30

Instrument :

BNA_F

ClientSampleId :

789UMR-TP11-0006-02

Tot Ion: 99 Resp: 1832667

Ion Ratio Lower Upper

99 100

42 17.3 13.5 20.3

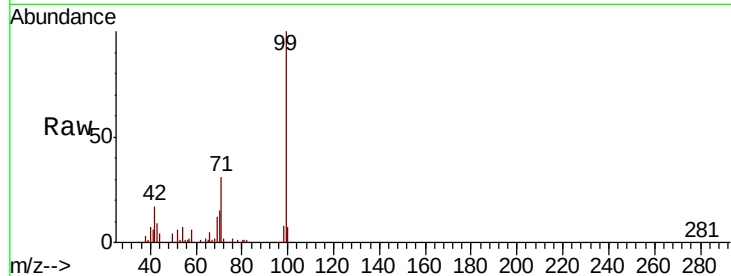
71 31.3 24.6 37.0

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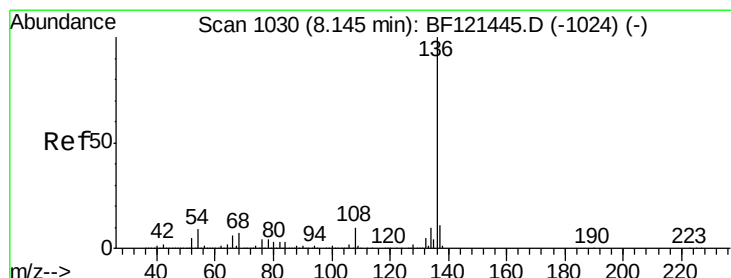
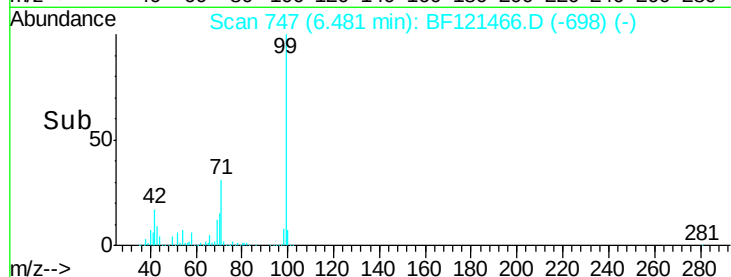
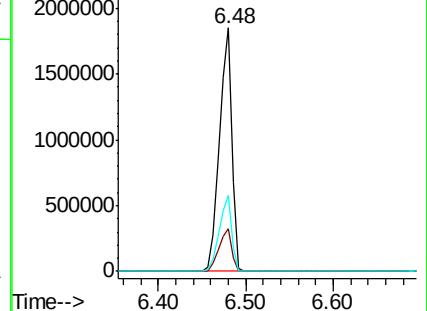
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF121466.D

Acq: 28 Aug 2020 18:30

Tgt Ion: 136 Resp: 1165383

Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 8.9 7.0 10.4

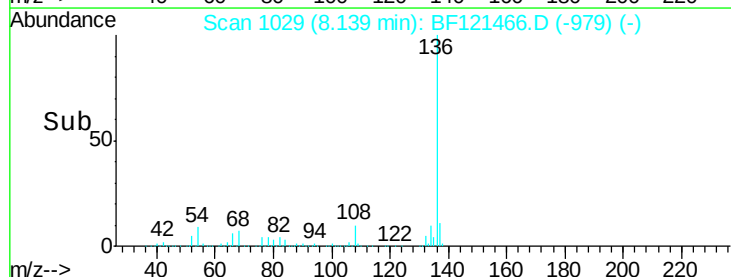
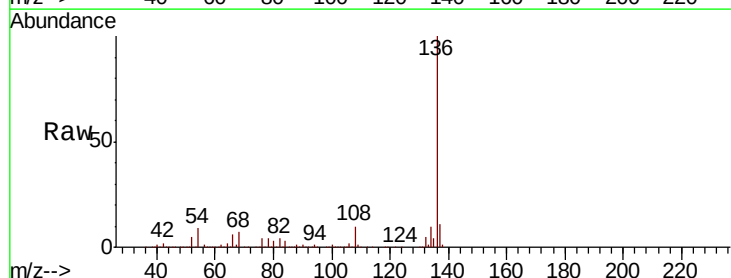
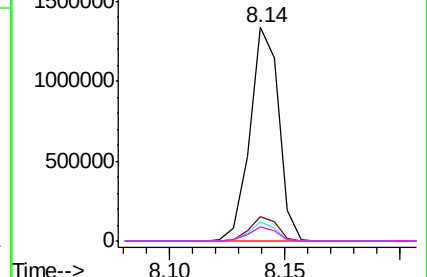
68 6.9 5.5 8.3

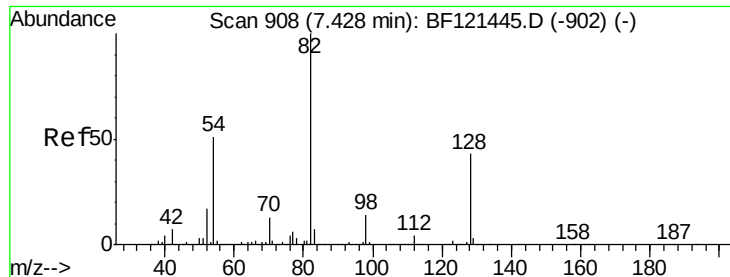
Abundance Ion 136.00 (135.70 to 136.70): E

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





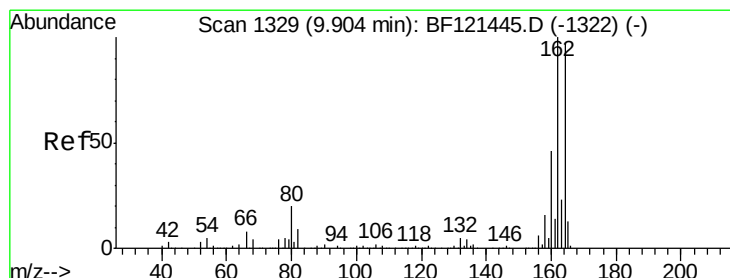
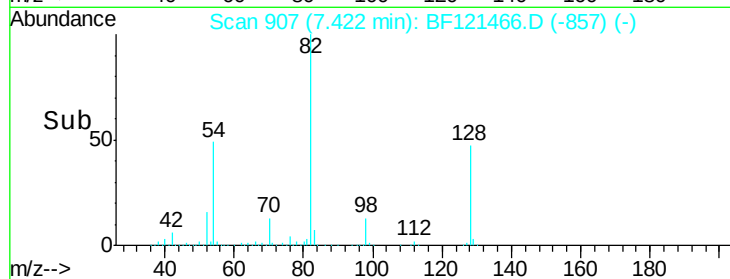
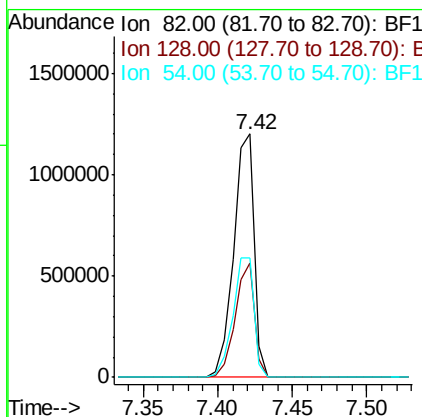
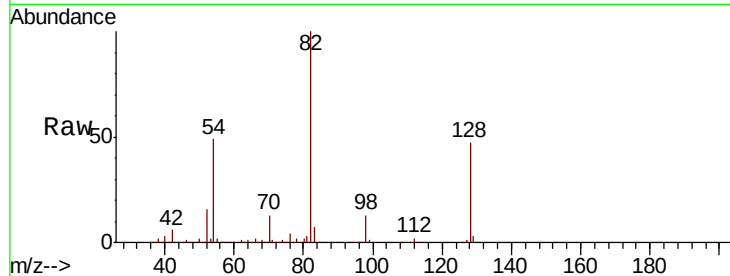
#23
Nitrobenzene-d5
Concen: 68.158 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF121466.D
Acq: 28 Aug 2020 18:30

Instrument :
BNA_F
ClientSampleId :
789UMR-TP11-0006-02

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.8	34.1	51.1
54	49.3	41.0	61.6

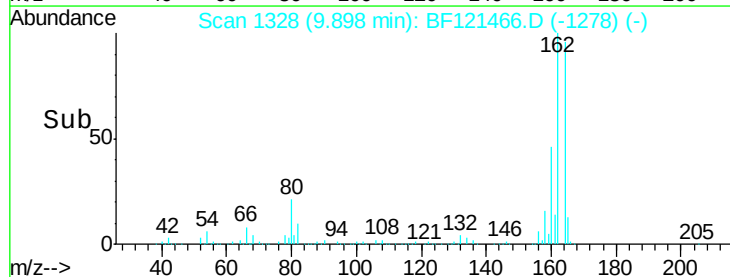
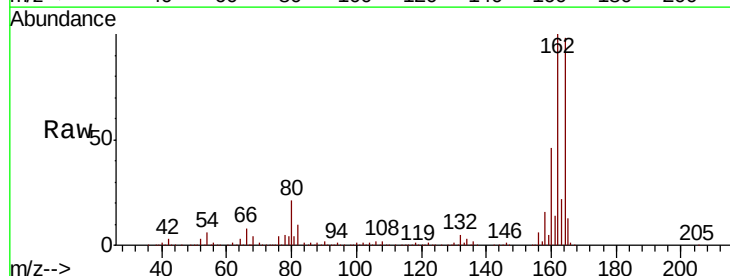
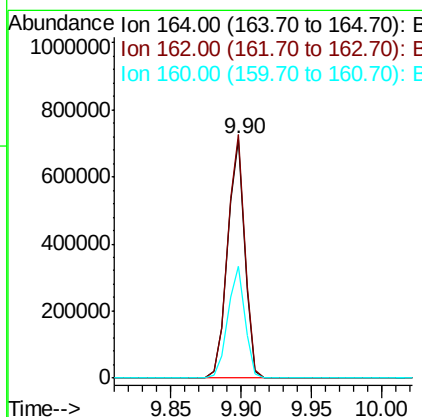
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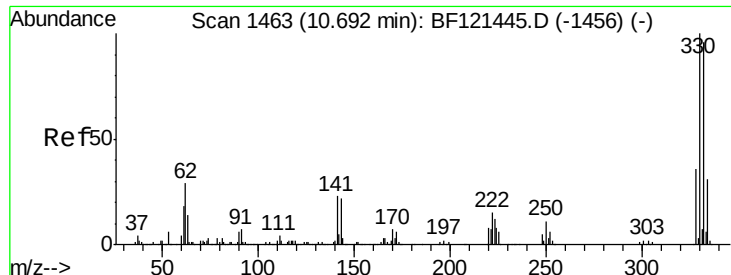
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF121466.D
Acq: 28 Aug 2020 18:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.4	123.6
160	46.9	37.6	56.4





#42

2,4,6-Tribromophenol

Concen: 86.807 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BF121466.D

Acq: 28 Aug 2020 18:30

Instrument :

BNA_F

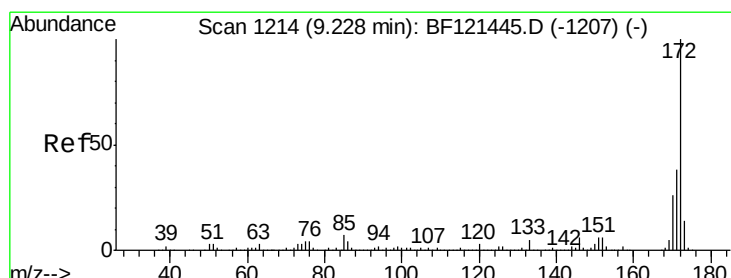
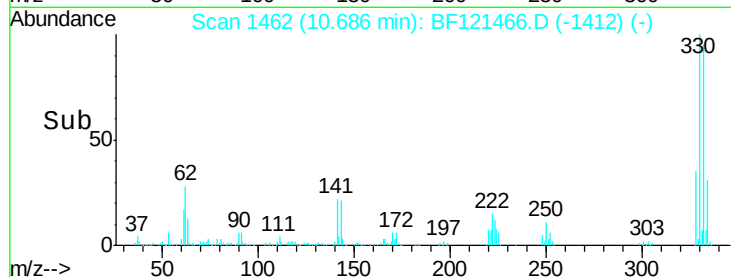
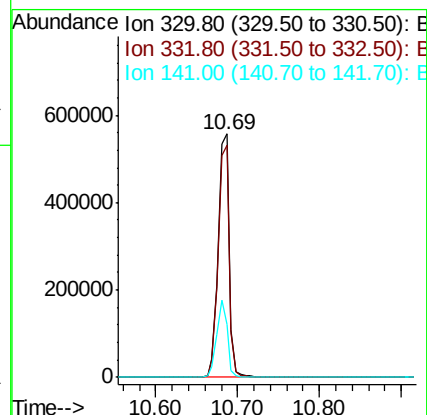
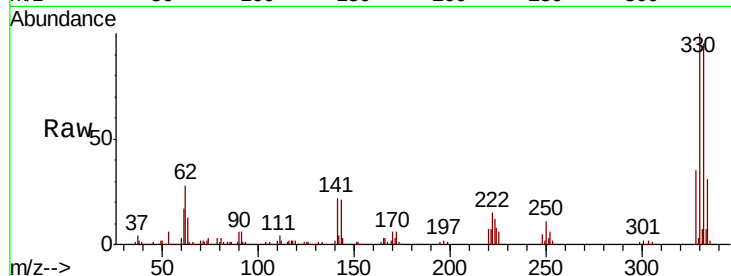
ClientSampleId :

789UMR-TP11-0006-02

Tot Ion:	330	Resp:	526362
Ion Ratio	Lower	Upper	
330	100		
332	95.4	76.2	114.2
141	30.3	24.6	36.8

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#45

2-Fluorobiphenyl

Concen: 55.748 ng

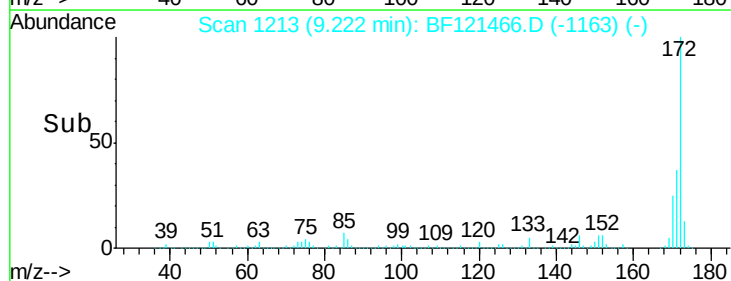
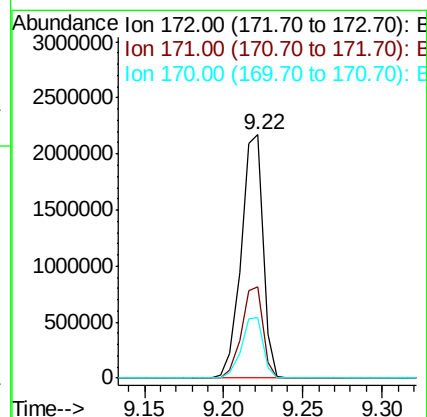
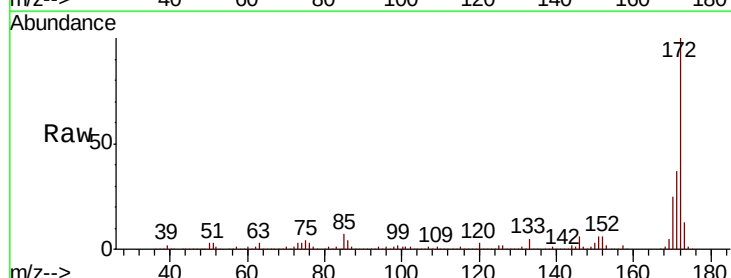
RT: 9.22 min Scan# 1213

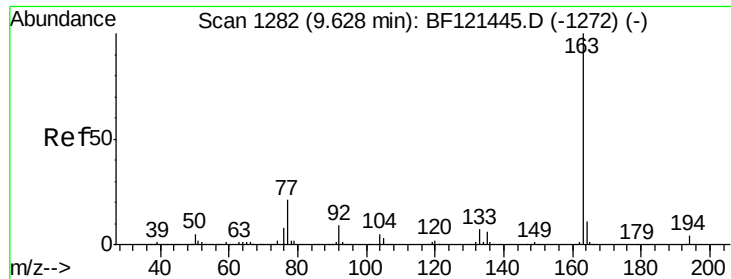
Delta R.T. -0.01 min

Lab File: BF121466.D

Acq: 28 Aug 2020 18:30

Tgt Ion:	172	Resp:	2074134
Ion Ratio	Lower	Upper	
172	100		
171	37.3	30.6	45.8
170	24.9	20.6	31.0





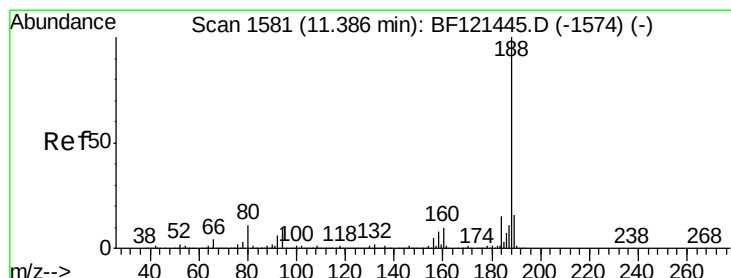
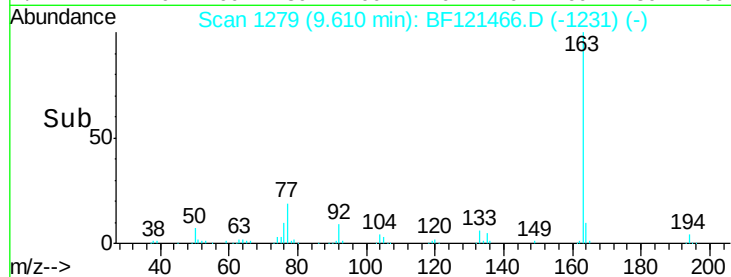
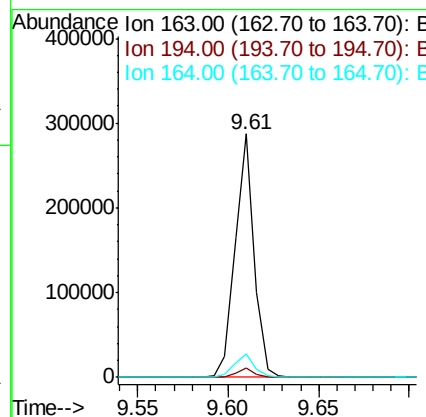
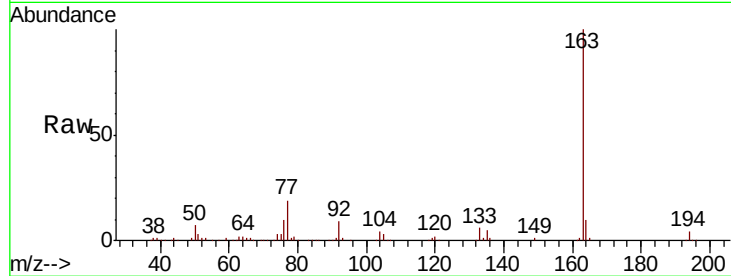
#50
Dimethylphthalate
Concen: 5.093 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF121466.D
Acq: 28 Aug 2020 18:30

Instrument :
BNA_F
ClientSampleId :
789UMR-TP11-0006-02

Tot Ion	Ratio	Resp	Lower	Upper
163	100	210028		
194	3.9		3.3	4.9
164	9.8		8.6	12.8

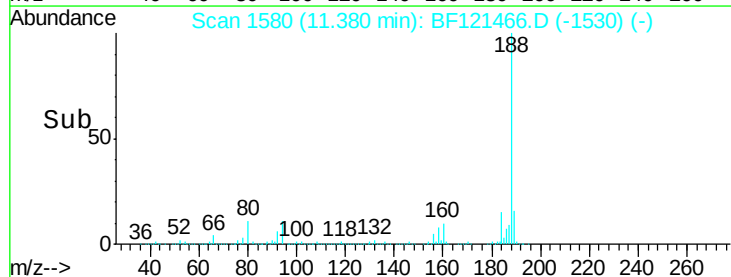
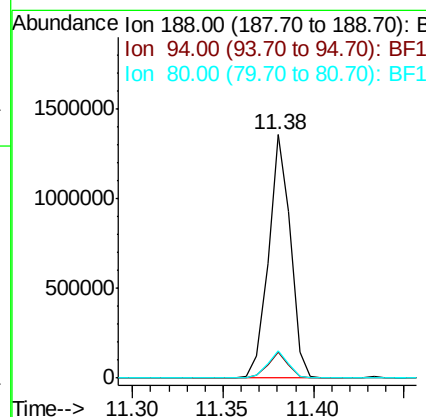
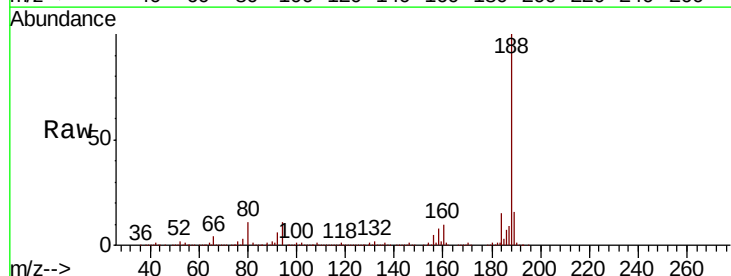
Manual Integrations
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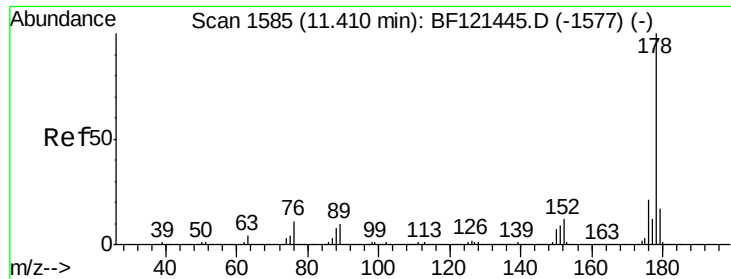
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF121466.D
Acq: 28 Aug 2020 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	1134882		
94	10.9		8.3	12.5
80	11.4		8.6	13.0





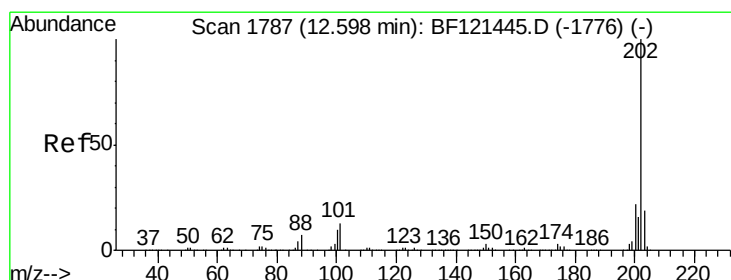
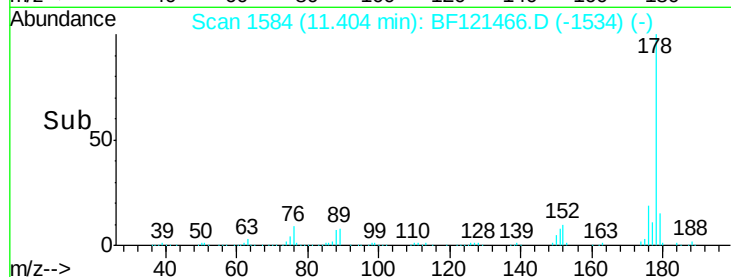
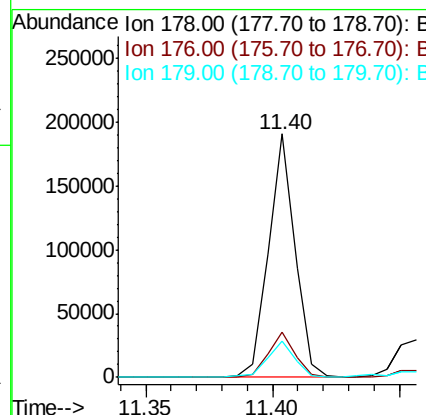
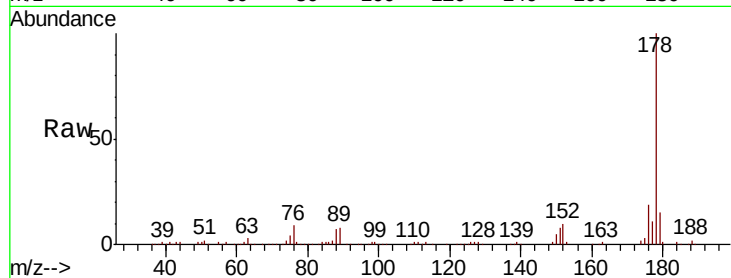
#71
Phenanthrene
Concen: 2.404 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF121466.D
Acq: 28 Aug 2020 18:30

Instrument :
BNA_F
ClientSampleId :
789UMR-TP11-0006-02

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.9	25.3
179	14.8	13.4	20.0

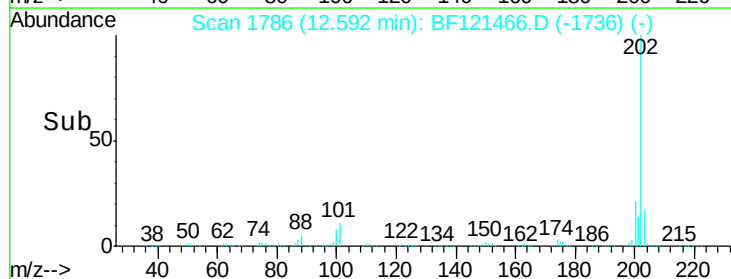
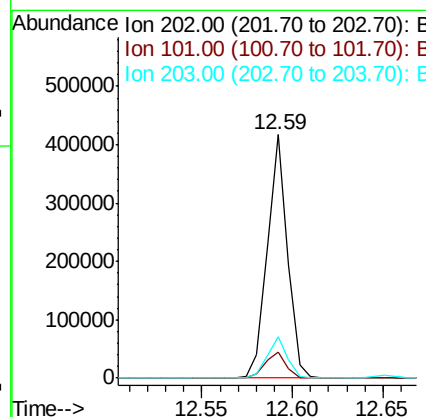
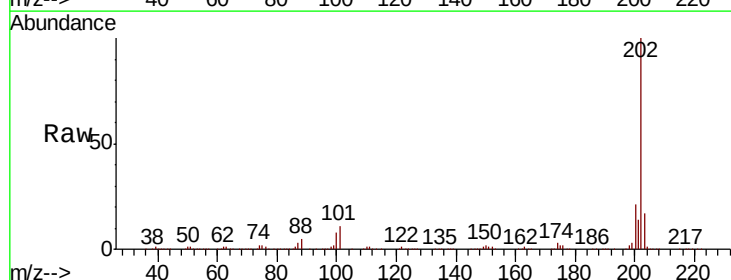
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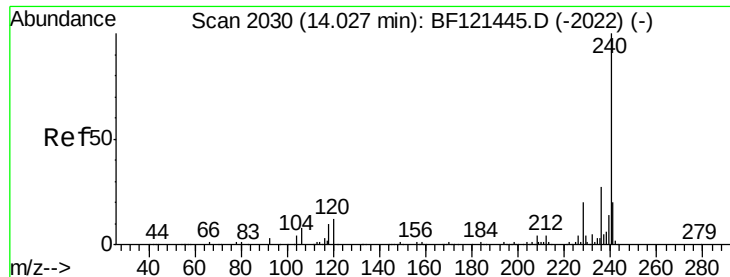
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#75
Fluoranthene
Concen: 5.135 ng
RT: 12.59 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BF121466.D
Acq: 28 Aug 2020 18:30

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	33.3
203	17.1	0.0	39.1





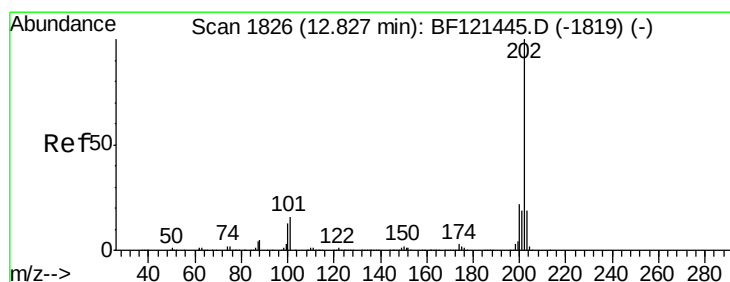
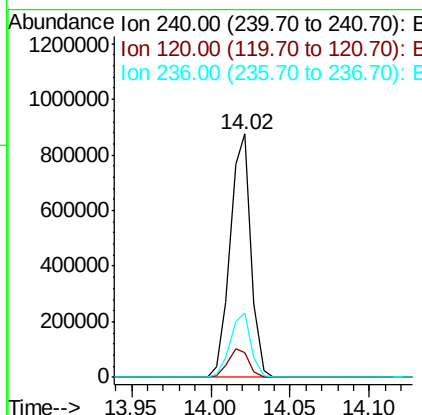
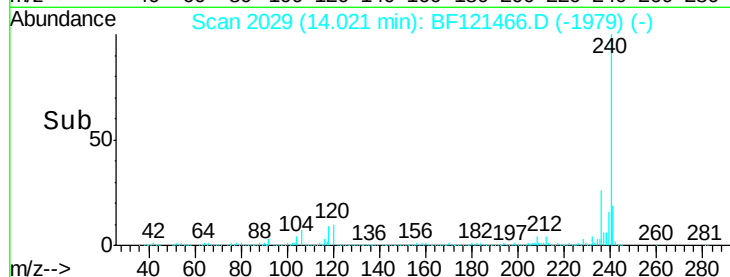
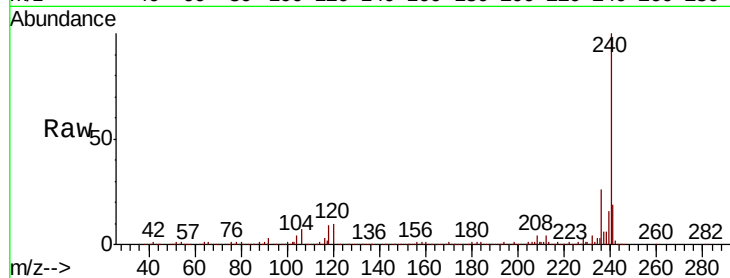
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF121466.D
Acq: 28 Aug 2020 18:30

Instrument :
BNA_F
ClientSampleId :
789UMR-TP11-0006-02

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.5	14.3
236	26.4	21.8	32.6

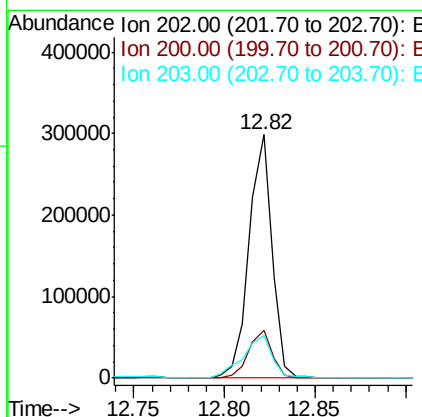
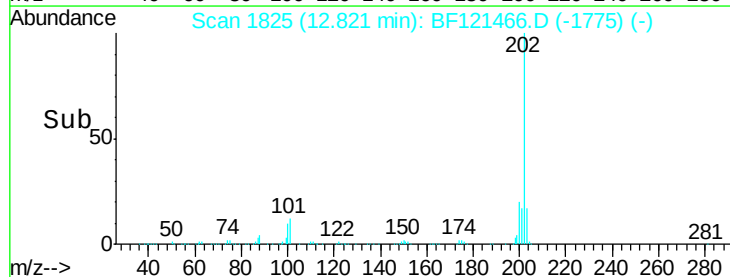
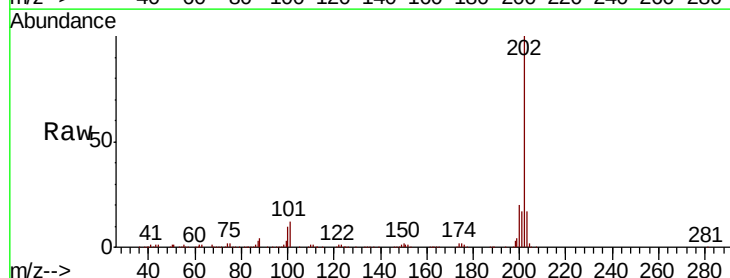
Manual Integrations
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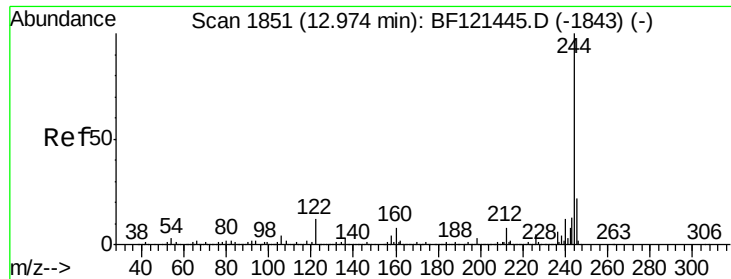
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#78
Pyrene
Concen: 4.639 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF121466.D
Acq: 28 Aug 2020 18:30

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.9	18.0	27.0
203	17.4	15.3	22.9





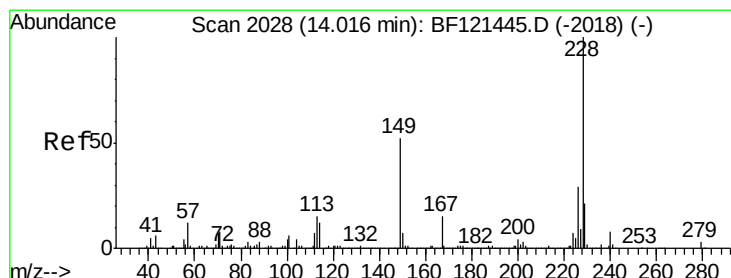
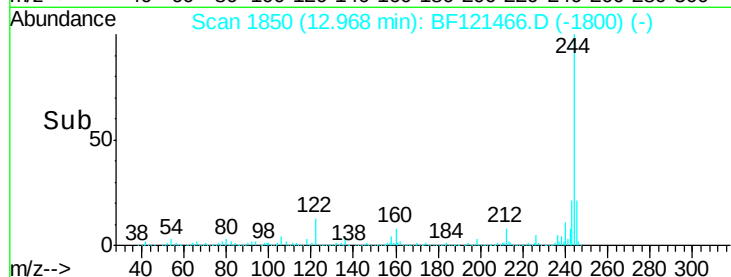
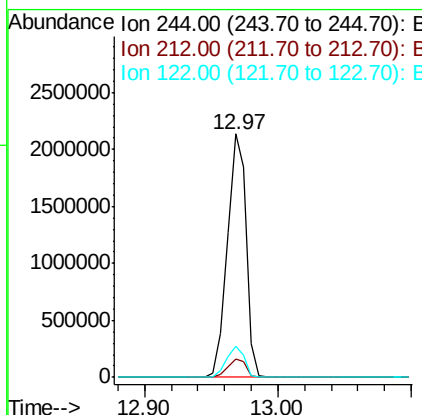
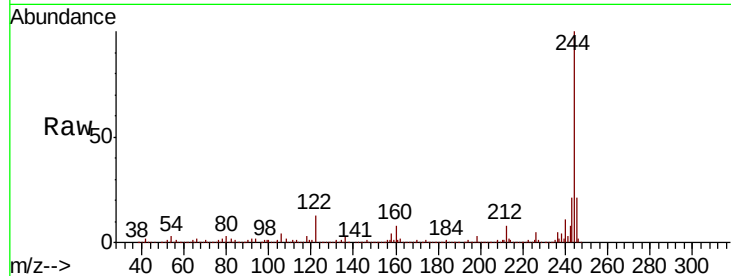
#79
 Terphenyl-d14
 Concen: 56.116 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BF121466.D
 Acq: 28 Aug 2020 18:30

Instrument :
 BNA_F
 ClientSampleId :
 789UMR-TP11-0006-02

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.3	9.5
122	13.0	9.5	14.3

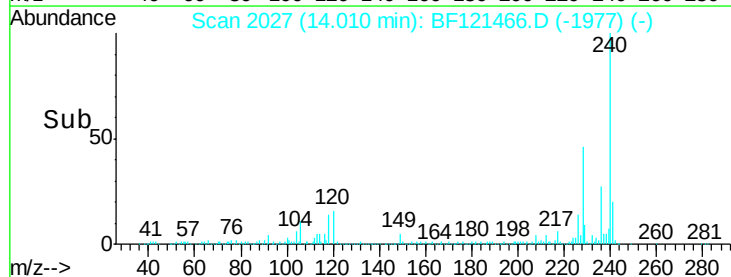
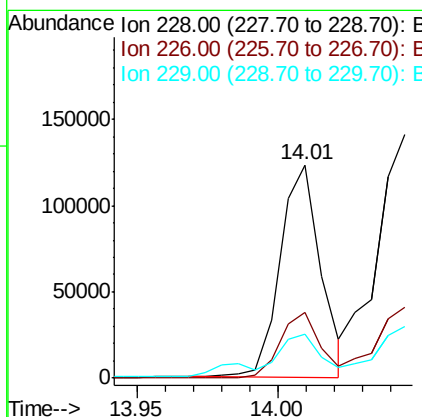
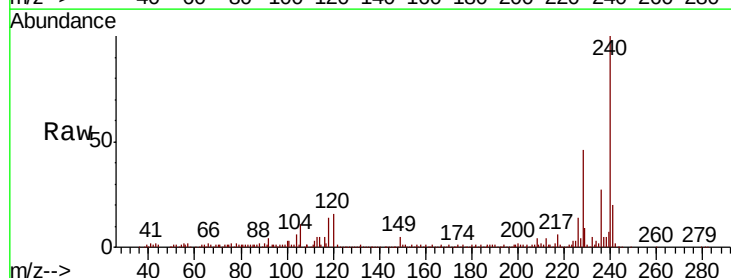
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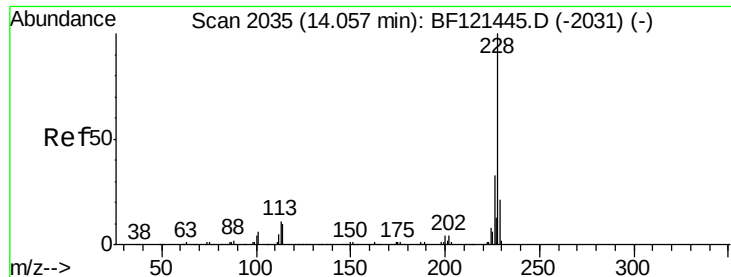
mohammad
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#81
 Benzo(a)anthracene
 Concen: 2.526 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF121466.D
 Acq: 28 Aug 2020 18:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.0	34.4
229	20.7	16.6	24.8





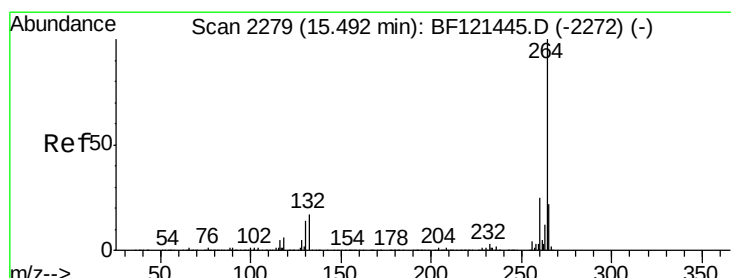
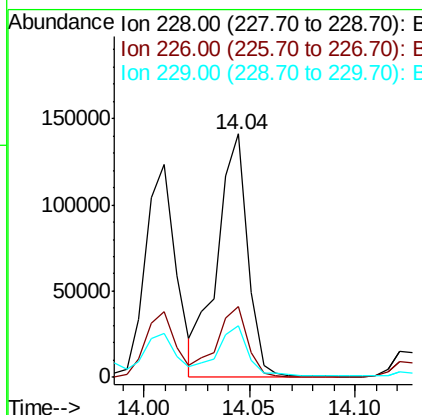
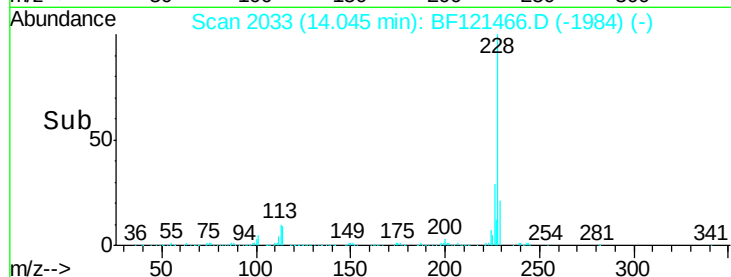
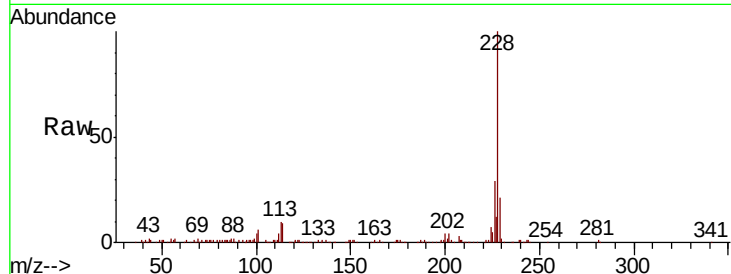
#83
Chrysene
Concen: 2.895 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF121466.D
Acq: 28 Aug 2020 18:30

Instrument :
BNA_F
ClientSampleId :
789UMR-TP11-0006-02

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	26.2	39.2
229	21.2	16.6	25.0

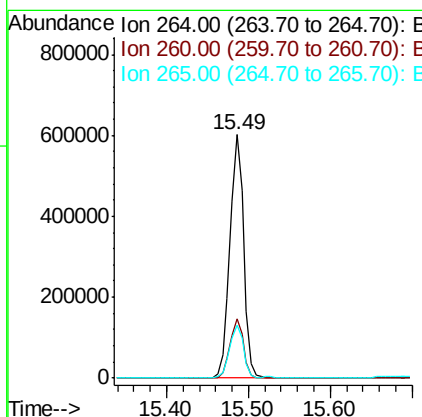
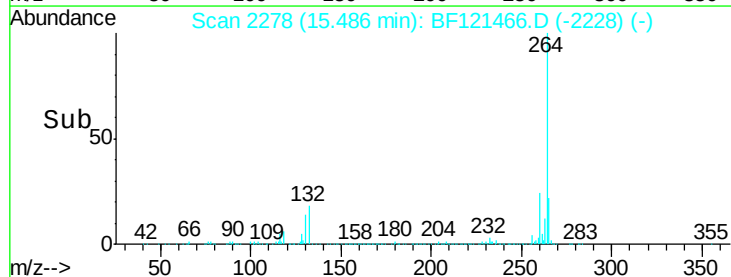
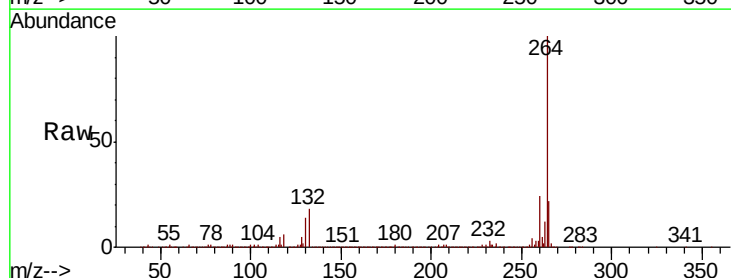
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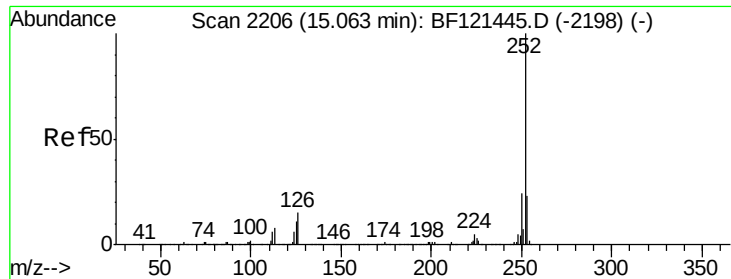
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF121466.D
Acq: 28 Aug 2020 18:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.6	29.4
265	21.6	17.8	26.6





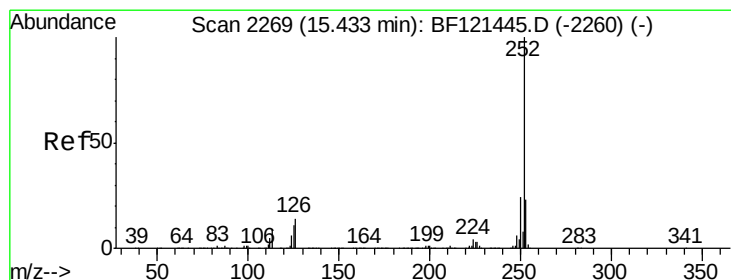
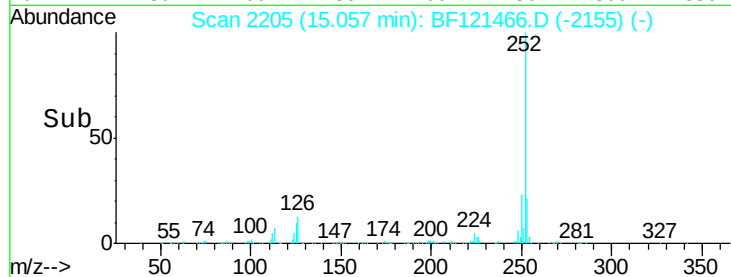
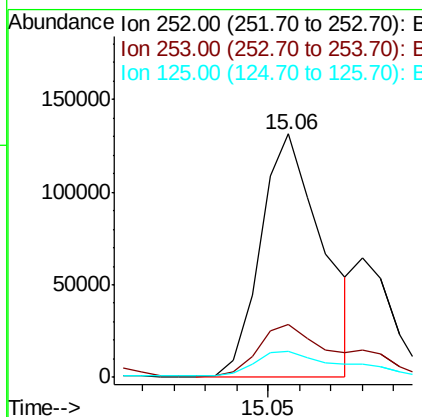
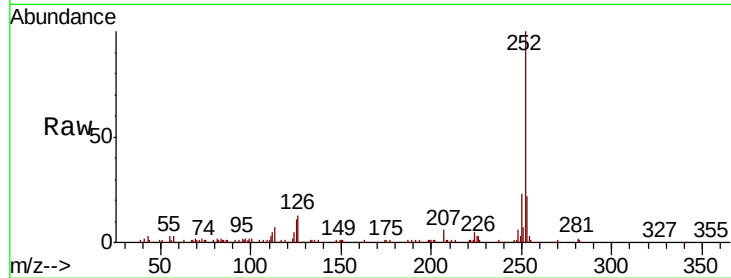
#88
Benzo(b)fluoranthene
Concen: 3.957 ng m
RT: 15.06 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BF121466.D
Acq: 28 Aug 2020 18:30

Instrument :
BNA_F
ClientSampleId :
789UMR-TP11-0006-02

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.3	27.5
125	10.6	9.2	13.8

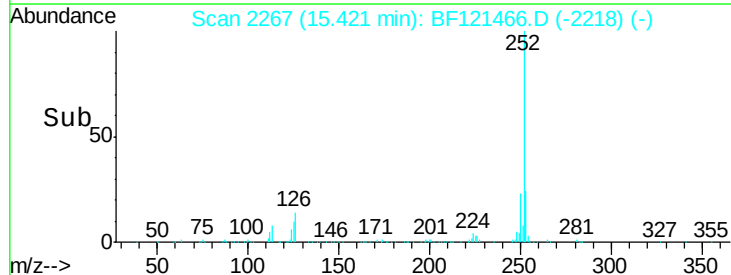
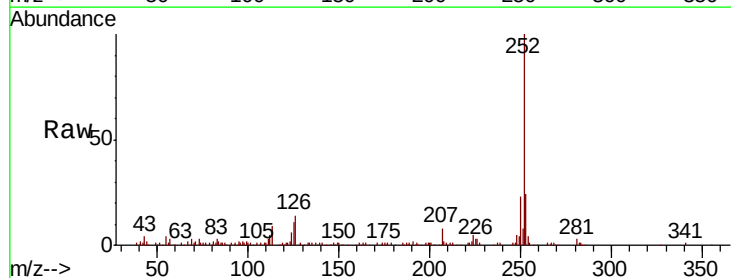
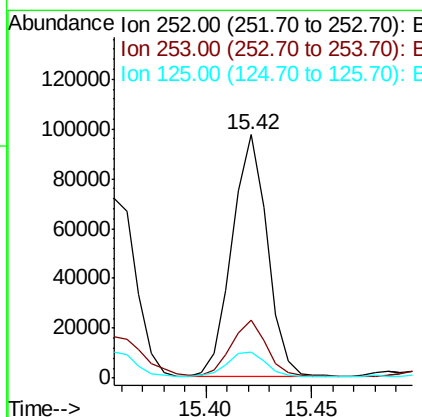
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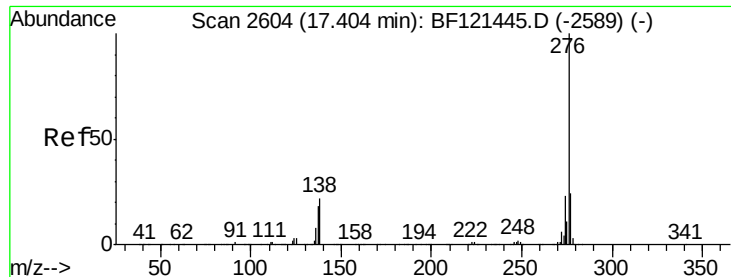
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#90
Benzo(a)pyrene
Concen: 2.739 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BF121466.D
Acq: 28 Aug 2020 18:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.0	27.0
125	10.6	9.0	13.4





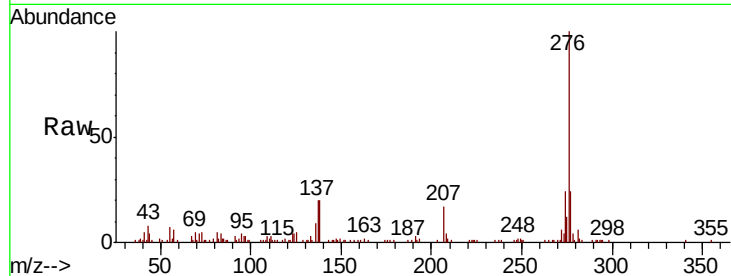
#92
 Benzo(a,h,i)perylene
 Concen: 2.530 ng
 RT: 17.37 min Scan# 2599
 Delta R.T. -0.03 min
 Lab File: BF121466.D
 Acq: 28 Aug 2020 18:30

Instrument :
 BNA_F
 ClientSampleId :
 789UMR-TP11-0006-02

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.9	28.3
138	20.4	17.4	26.0

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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

