

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090119\
 Data File : BF116758.D
 Acq On : 1 Sep 2019 22:19
 Operator : HP/JU
 Sample : K4580-14
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T12-A1-A4-(0-3.5)

Manual Integrations
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mohammad
 9/5/2019 9:55:01 AM

Quant Time: Sep 02 06:57:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	77177	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	334039	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	205363	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	333738	20.00	ng	0.00
76) Chrysene-d12	14.00	240	222719	20.00	ng	0.00
87) Perylene-d12	15.45	264	225098	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	451107	94.69	ng	0.00
7) Phenol-d6	6.47	99	632753	101.15	ng	0.00
23) Nitrobenzene-d5	7.40	82	370174	63.26	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	143084	104.22	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	741374	60.90	ng	0.00
79) Terphenyl-d14	12.95	244	727121	60.40	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	126804	8.944	ng	98
71) Phenanthrene	11.39	178	82656	4.449	ng	# 90
75) Fluoranthene	12.58	202	120776	6.615	ng	86
78) Pyrene	12.81	202	102692	5.187	ng	# 88
81) Benzo(a)anthracene	13.99	228	48678	3.453	ng	# 94
83) Chrysene	14.03	228	48065	3.310	ng	# 92
84) Bis(2-ethylhexyl)phthalate	13.98	149	105090	8.842	ng	99
88) Benzo(b)fluoranthene	15.03	252	57499m	4.225	ng	
90) Benzo(a)pyrene	15.39	252	39585	3.343	ng	# 80

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

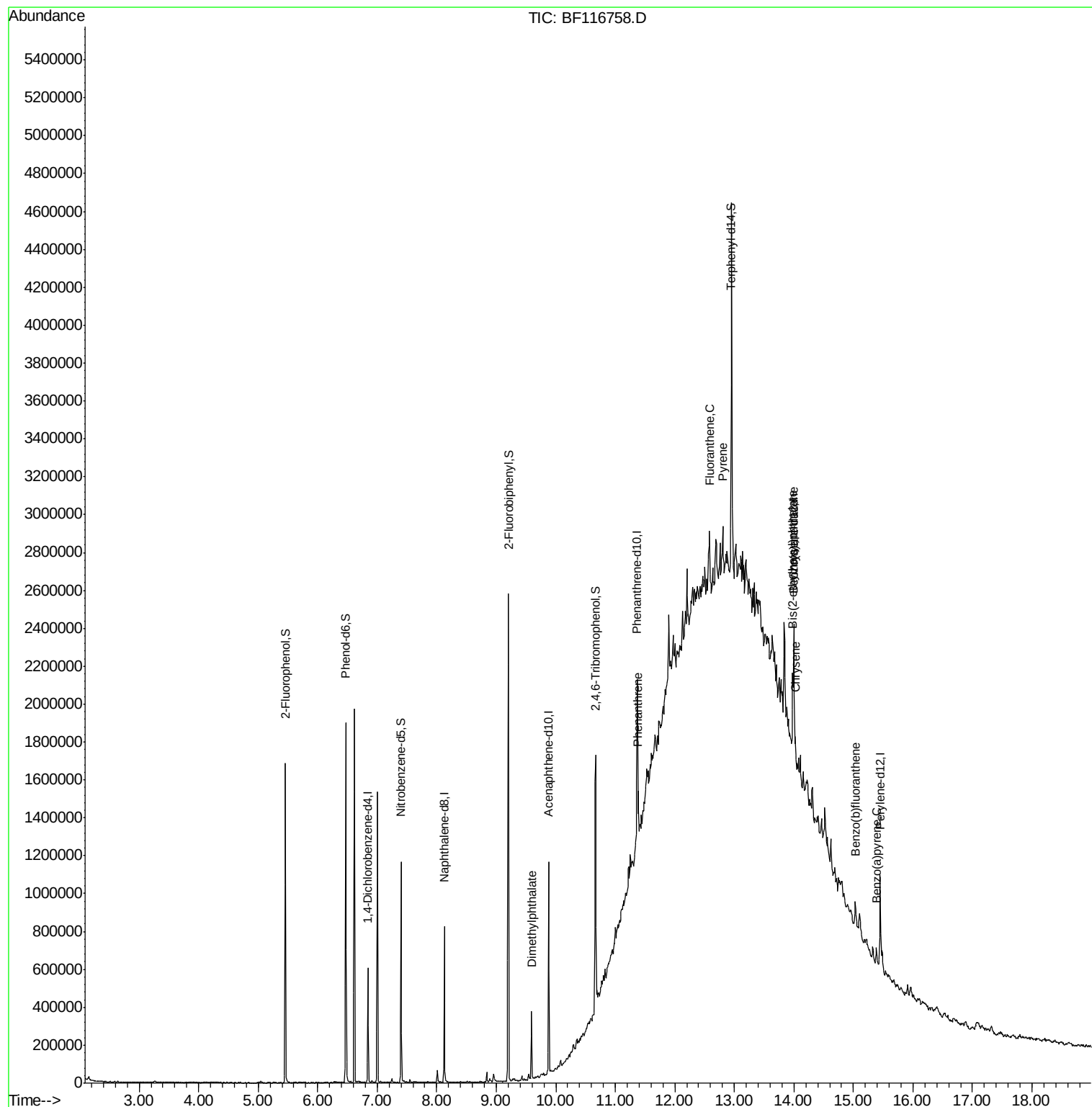
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090119\
Data File : BF116758.D
Acq On : 1 Sep 2019 22:19
Operator : HP/JU
Sample : K4580-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

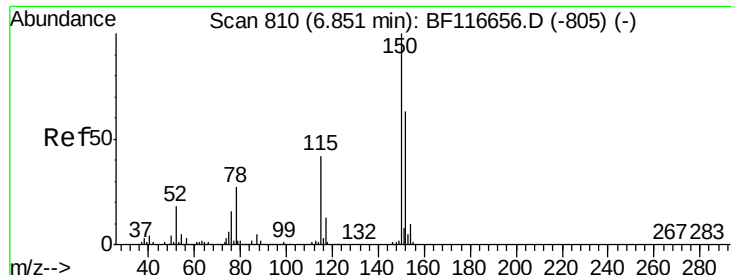
Instrument :
BNA_F
ClientSampleId :
T12-A1-A4-(0-3.5)

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9/5/2019 9:55:01 AM

Quant Time: Sep 02 06:57:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration





#1

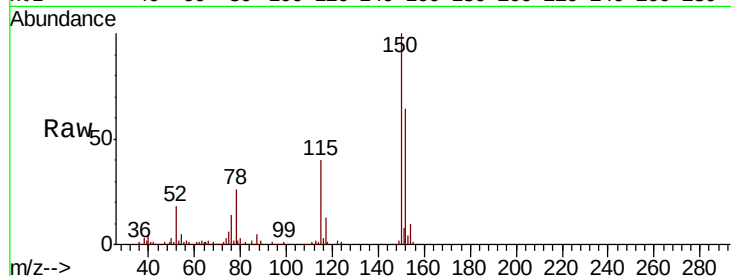
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116758.D
Acq: 1 Sep 2019 22:19

Instrument :
BNA_F
ClientSampleId :
T12-A1-A4-(0-3.5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.4	186.6
115	61.4	49.9	74.9

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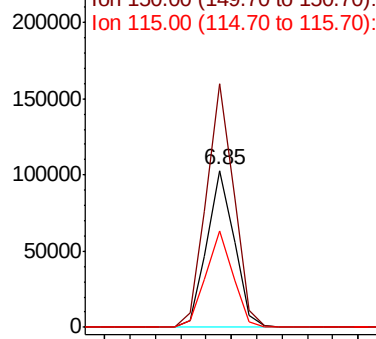


Abundance

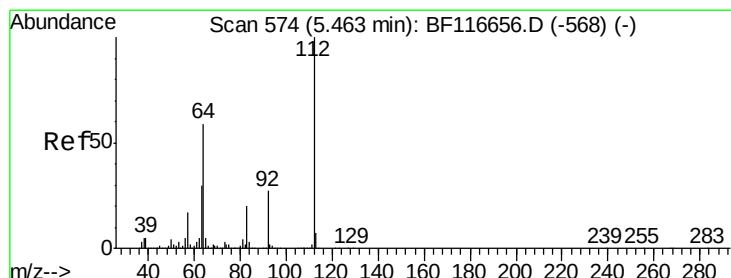
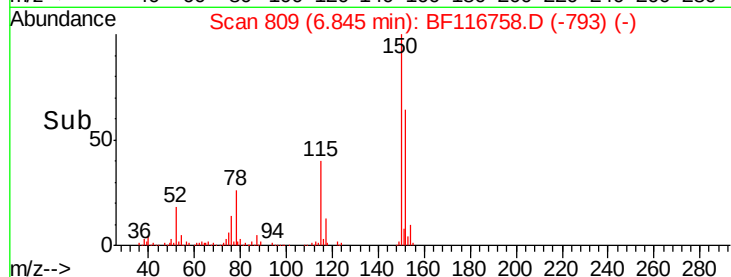
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



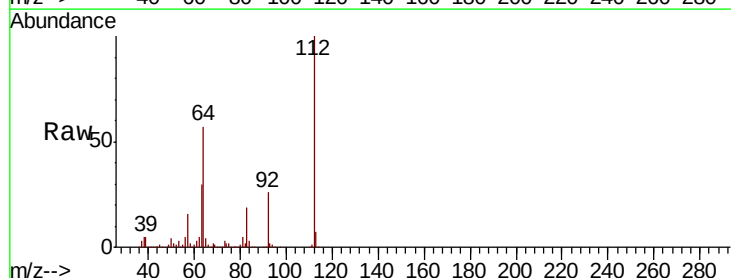
Time-->



#5

2-Fluorophenol
Concen: 94.694 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF116758.D
Acq: 1 Sep 2019 22:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.9	47.1	70.7
63	29.5	24.9	37.3

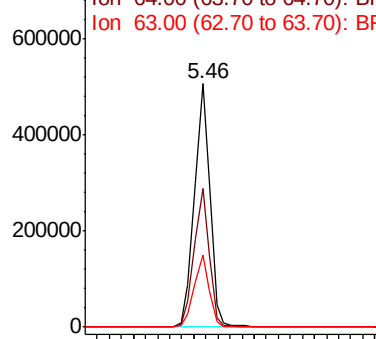


Abundance

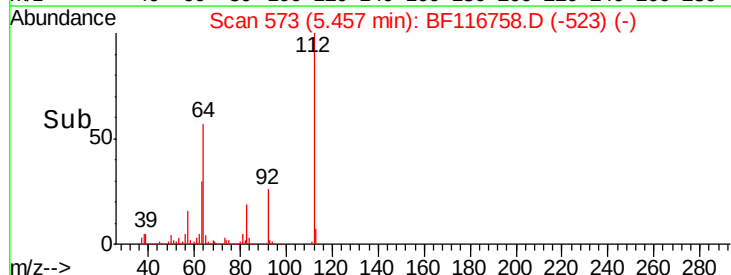
Ion 112.00 (111.70 to 112.70): E

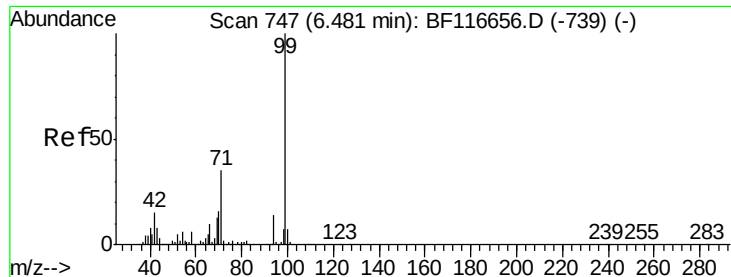
Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



Time-->





#7

Phenol-d6

Concen: 101.152 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116758.D

Acq: 1 Sep 2019 22:19

Instrument :

BNA_F

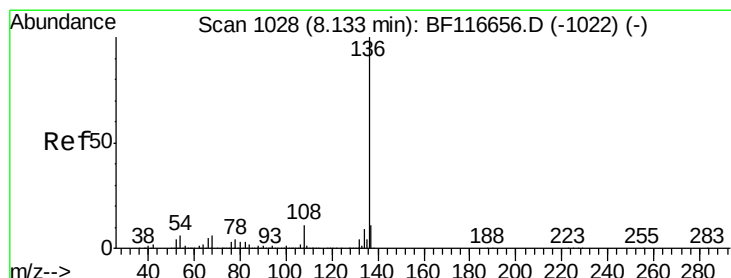
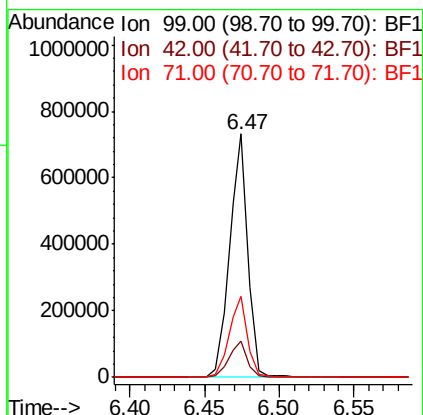
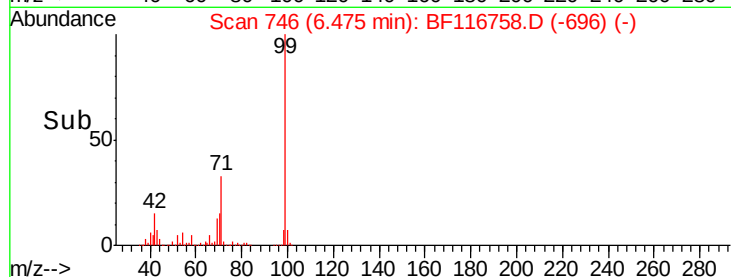
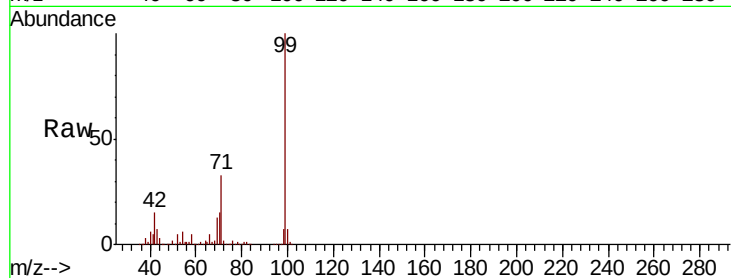
ClientSampleId :

T12-A1-A4-(0-3.5)

Tot Ion:	99	Resp:	632753
Ion Ratio	Lower	Upper	
99	100		
42	14.8	13.7	20.5
71	33.3	30.8	46.2

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#21

Naphthalene-d8

Concen: 20.000 ng

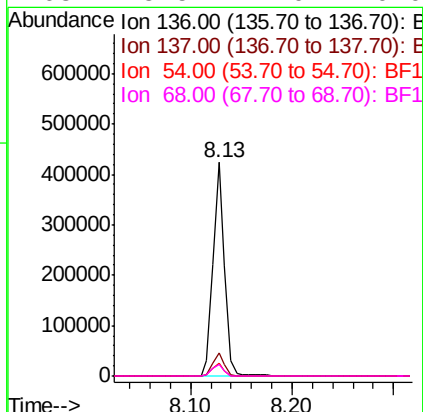
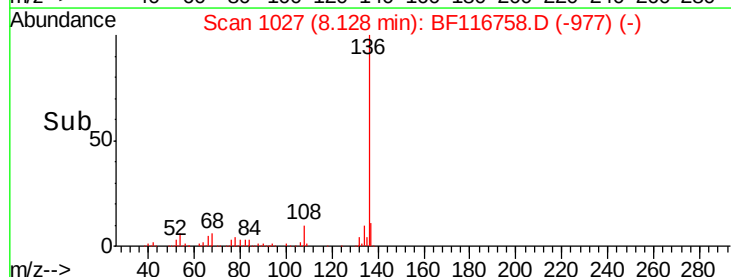
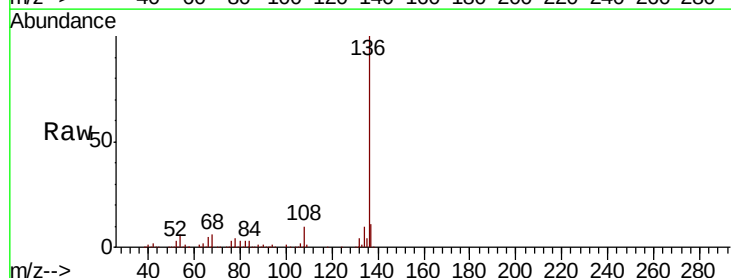
RT: 8.13 min Scan# 1027

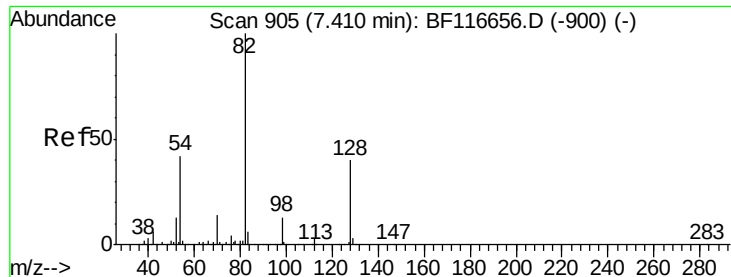
Delta R.T. -0.01 min

Lab File: BF116758.D

Acq: 1 Sep 2019 22:19

Tgt Ion:	136	Resp:	334039
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	6.3	4.8	7.2
68	5.5	4.0	6.0





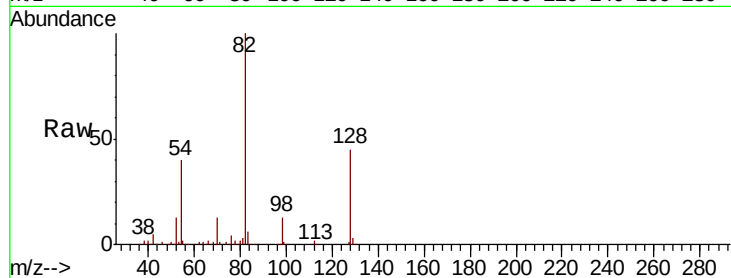
#23
Nitrobenzene-d5
Concen: 63.263 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116758.D
Acq: 1 Sep 2019 22:19

Instrument :
BNA_F
ClientSampleId :
T12-A1-A4-(0-3.5)

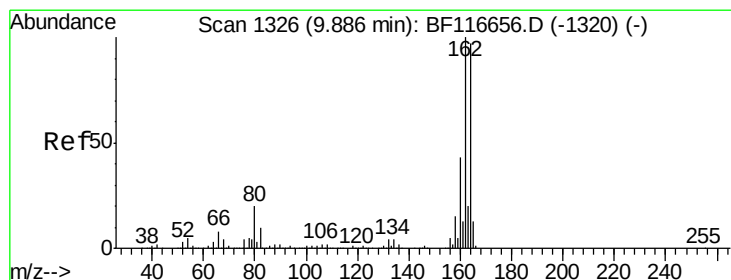
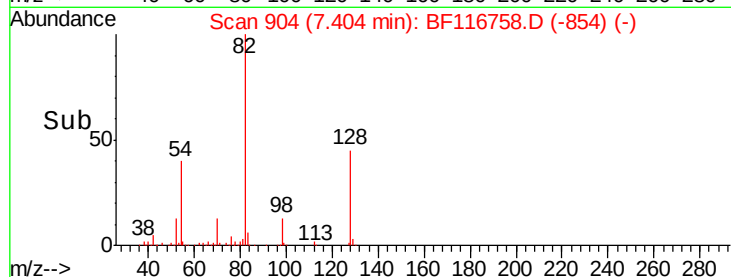
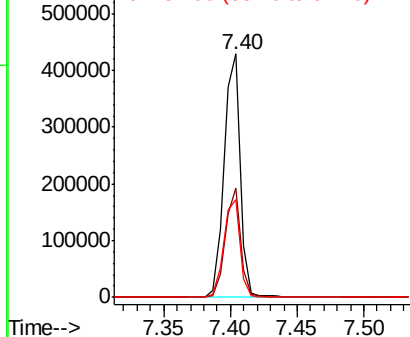
Tot Ion	82	Resp	370174
Ion Ratio	Lower	Upper	
82	100		
128	44.9	32.8	49.2
54	40.2	36.9	55.3

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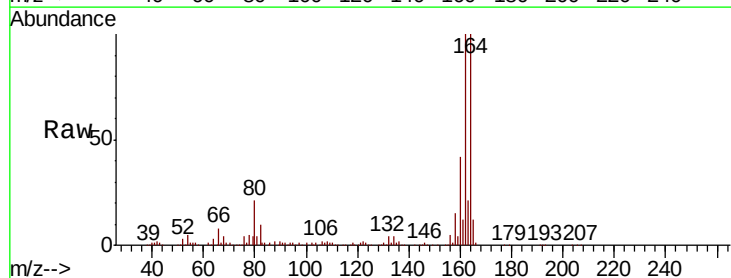


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

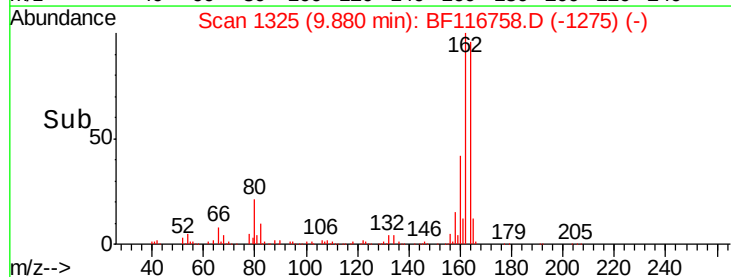
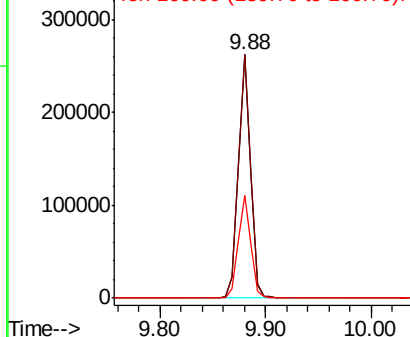


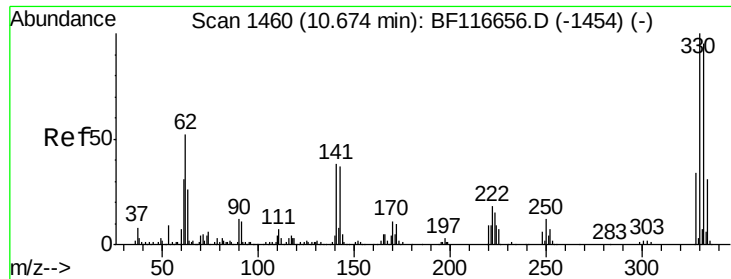
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116758.D
Acq: 1 Sep 2019 22:19

Tgt Ion	164	Resp	205363
Ion Ratio	Lower	Upper	
164	100		
162	99.9	81.4	122.0
160	42.2	35.4	53.2



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





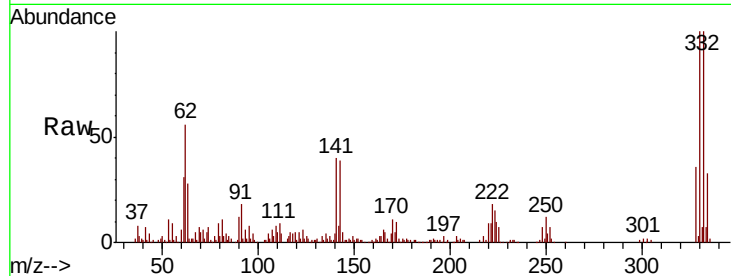
#42
 2,4,6-Tribromophenol
 Concen: 104.221 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF116758.D
 Acq: 1 Sep 2019 22:19

Instrument :
 BNA_F
 ClientSampleId :
 T12-A1-A4-(0-3.5)

Tot Ion	Ratio	Resp	Lower	Upper
330	100	143084		
332	99.4	76.9	115.3	
141	45.0	31.4	47.2	

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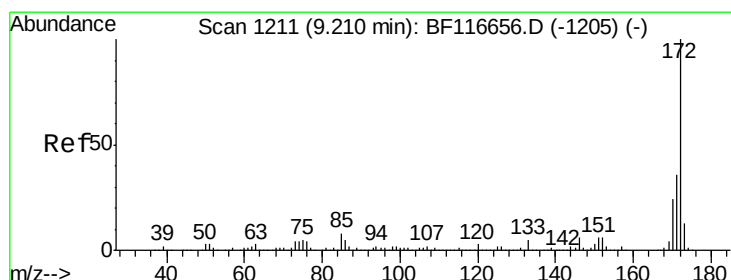
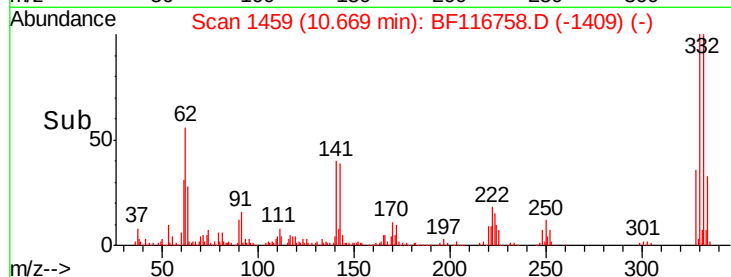
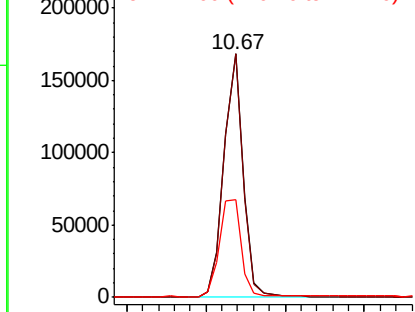


Abundance

Ion 329.80 (329.50 to 330.50): E

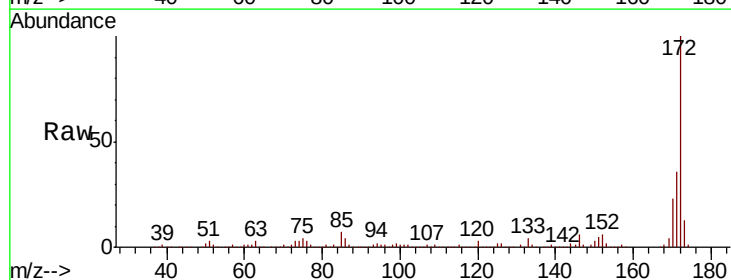
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 60.898 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF116758.D
 Acq: 1 Sep 2019 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	741374		
171	35.7	27.8	41.6	
170	23.4	18.9	28.3	

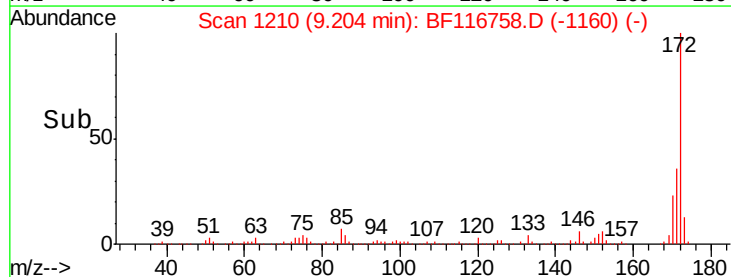
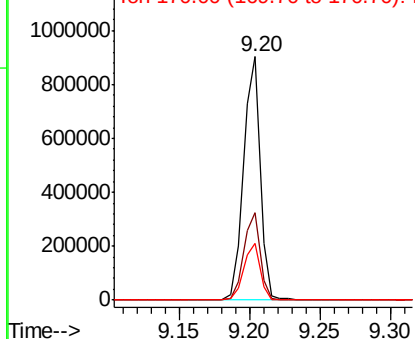


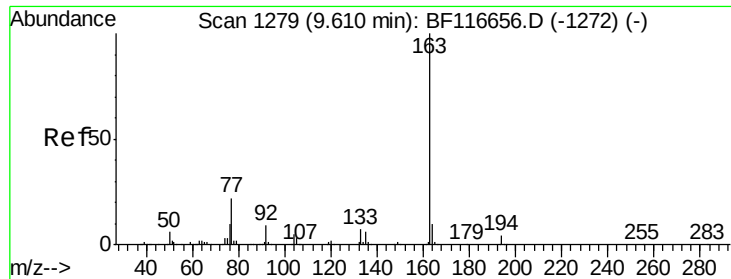
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





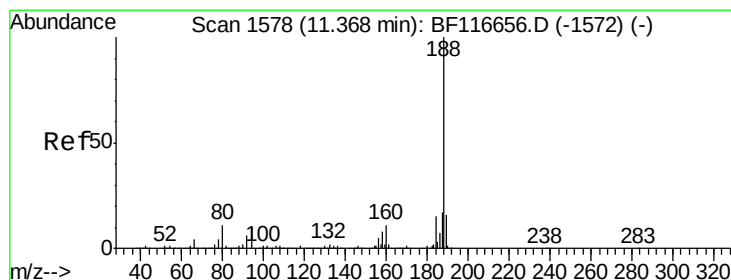
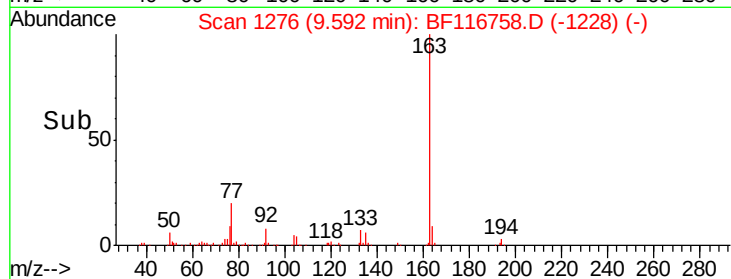
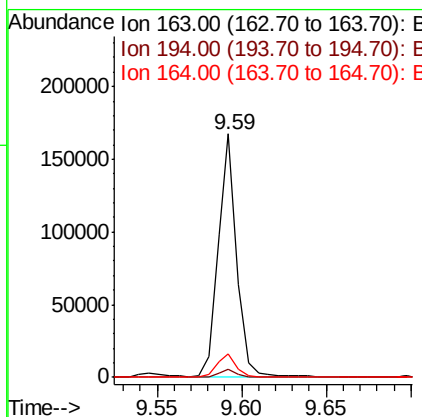
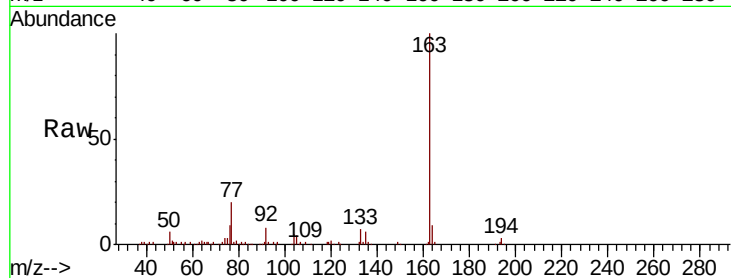
#50
Dimethylphthalate
Concen: 8.944 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF116758.D
Acq: 1 Sep 2019 22:19

Instrument :
BNA_F
ClientSampleId :
T12-A1-A4-(0-3.5)

Tot Ion	Ratio	Resp	Lower	Upper
163	100	126804		
194	3.5		2.8	4.2
164	9.5		8.6	12.8

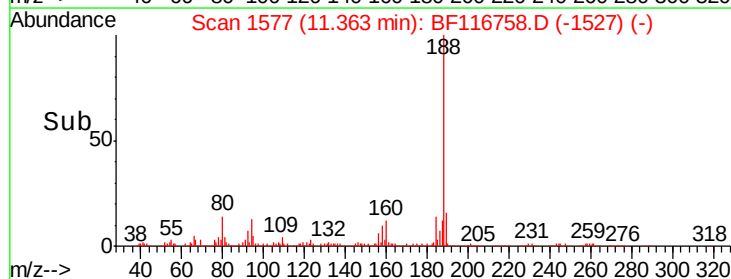
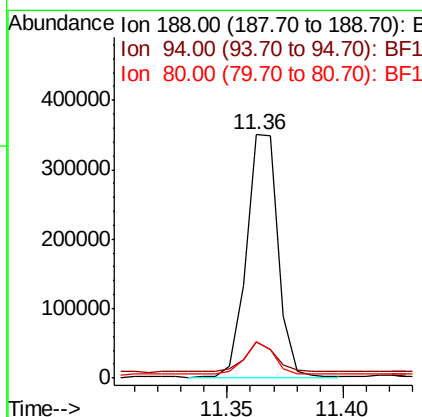
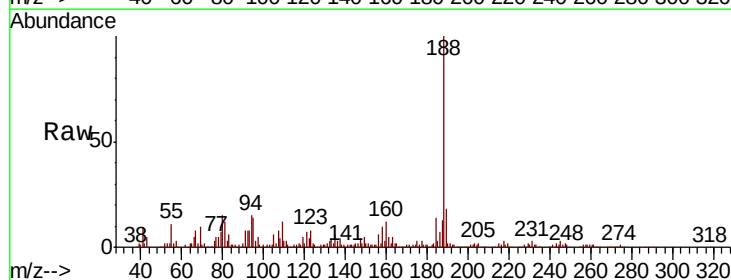
Manual Integrations
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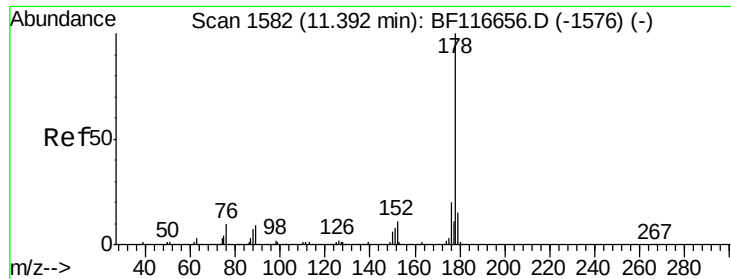
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116758.D
Acq: 1 Sep 2019 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	333738		
94	14.7		7.3	10.9#
80	14.9		8.4	12.6#





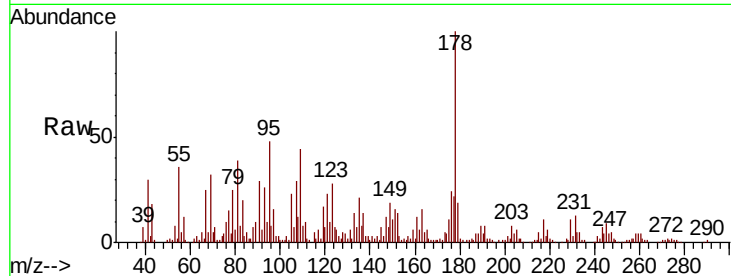
#71
Phenanthrene
Concen: 4.449 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF116758.D
Acq: 1 Sep 2019 22:19

Instrument :
BNA_F
ClientSampleId :
T12-A1-A4-(0-3.5)

Tot Ion	Ratio	Lower	Upper
178	100		
176	23.8	15.4	23.0#
179	19.1	12.2	18.2#

Manual Integrations
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9/5/2019 9:55:01 AM

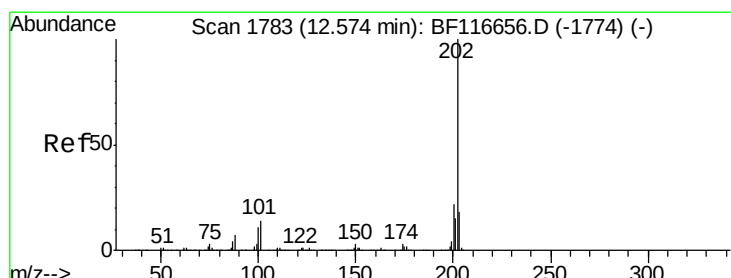
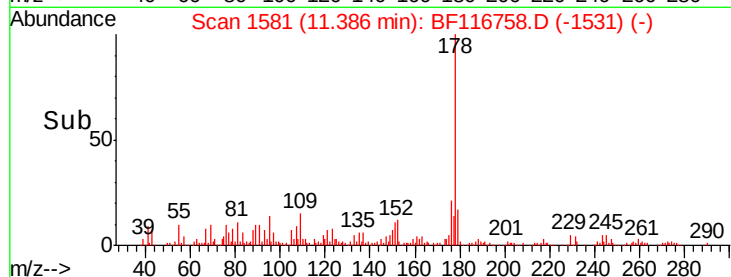
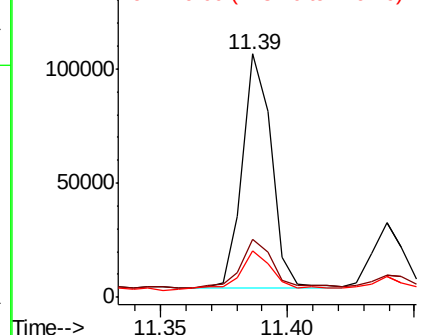


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75
Fluoranthene
Concen: 6.615 ng
RT: 12.58 min Scan# 1784
Delta R.T. 0.01 min
Lab File: BF116758.D
Acq: 1 Sep 2019 22:19

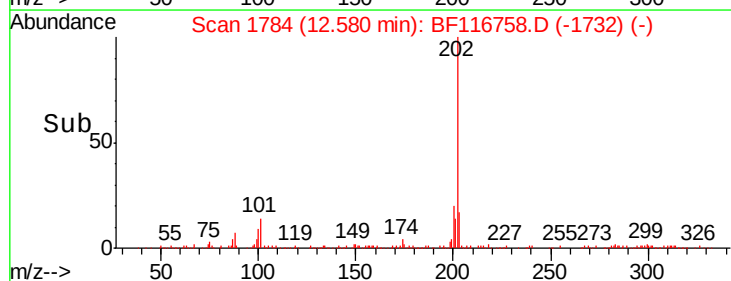
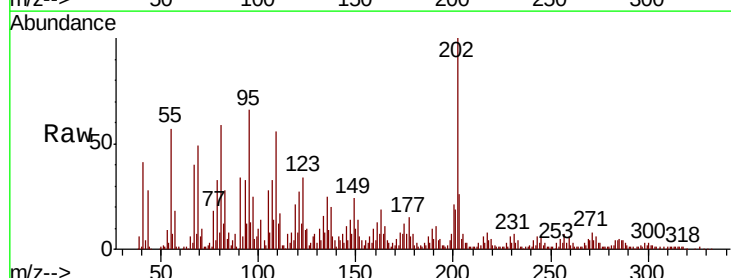
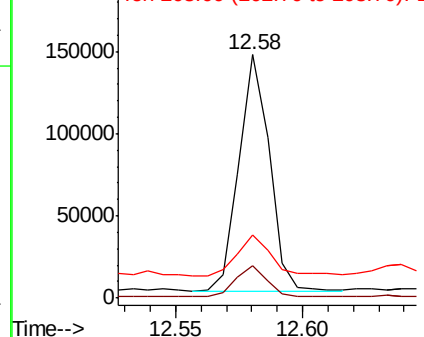
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	31.3
203	26.2	0.0	37.6

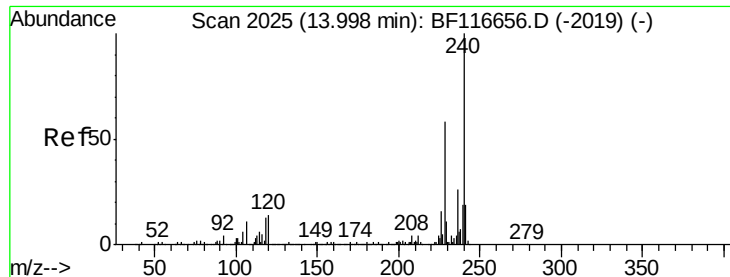
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





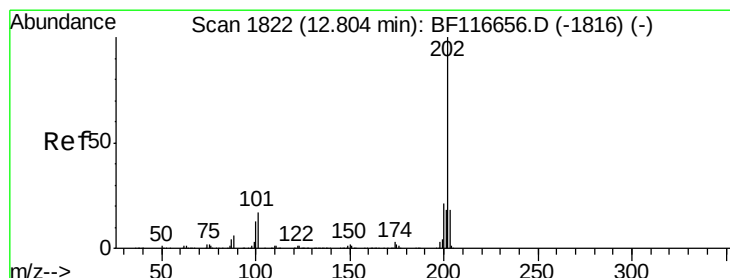
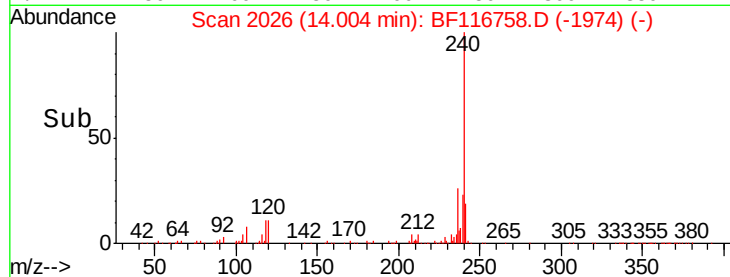
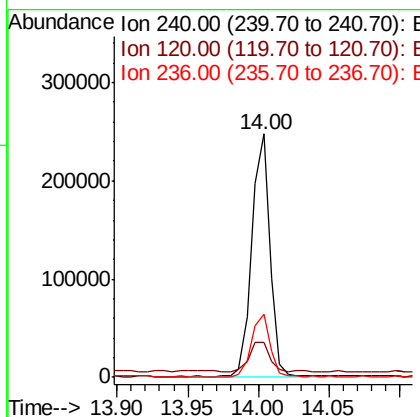
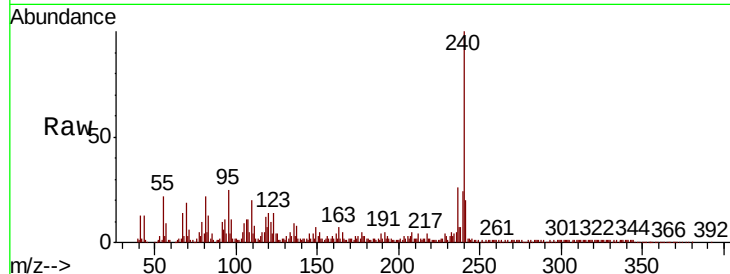
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF116758.D
Acq: 1 Sep 2019 22:19

Instrument :
BNA_F
ClientSampleId :
T12-A1-A4-(0-3.5)

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	14.2	9.1	13.7	
236	26.1	21.1	31.7	

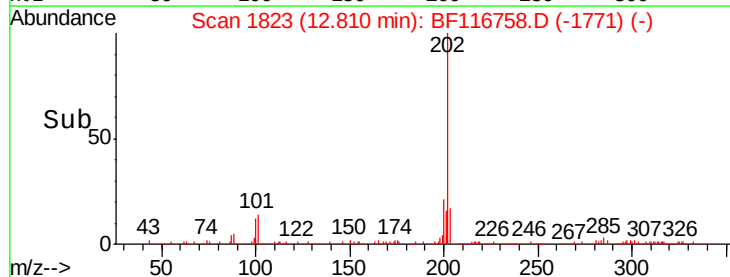
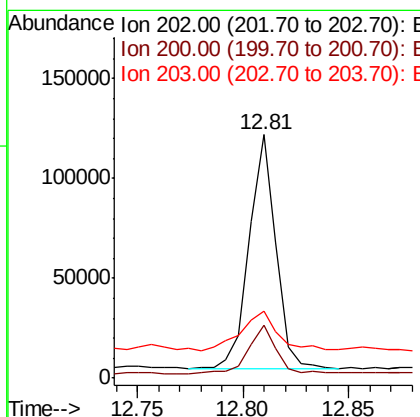
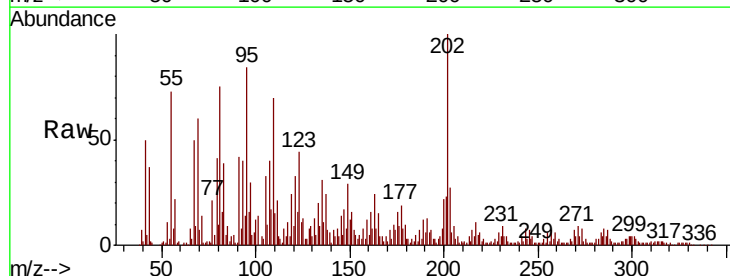
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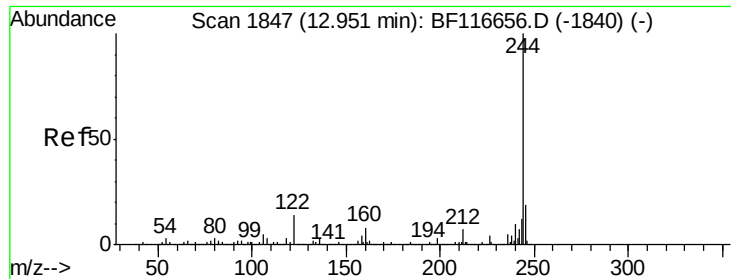
mohammad
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#78
Pyrene
Concen: 5.187 ng
RT: 12.81 min Scan# 1823
Delta R.T. 0.01 min
Lab File: BF116758.D
Acq: 1 Sep 2019 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.9	16.5	24.7	
203	27.4	13.7	20.5	





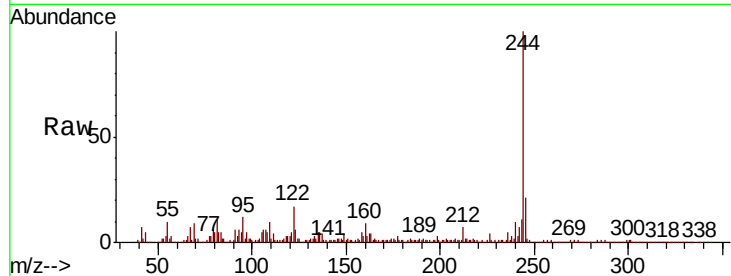
#79
Terphenyl-d14
Concen: 60.396 ng
RT: 12.95 min Scan# 1847
Delta R.T. 0.00 min
Lab File: BF116758.D
Acq: 1 Sep 2019 22:19

Instrument :
BNA_F
ClientSampleId :
T12-A1-A4-(0-3.5)

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.1	9.1
122	16.6	10.2	15.4

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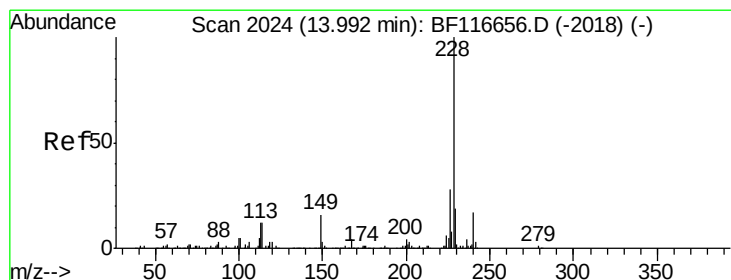
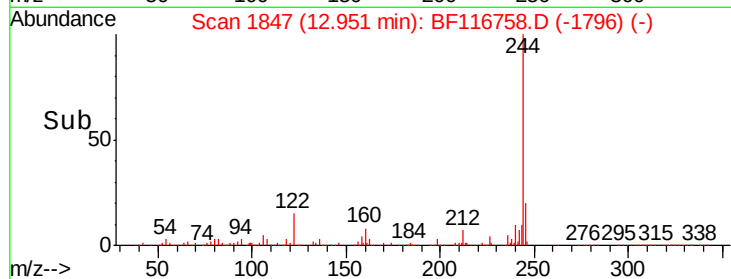
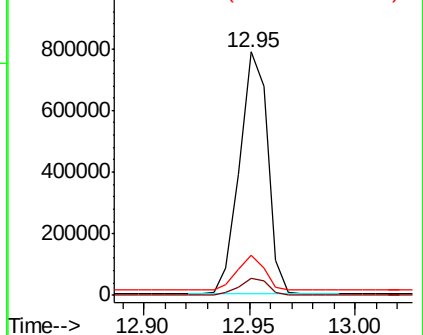


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#81
Benzo(a)anthracene
Concen: 3.453 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BF116758.D
Acq: 1 Sep 2019 22:19

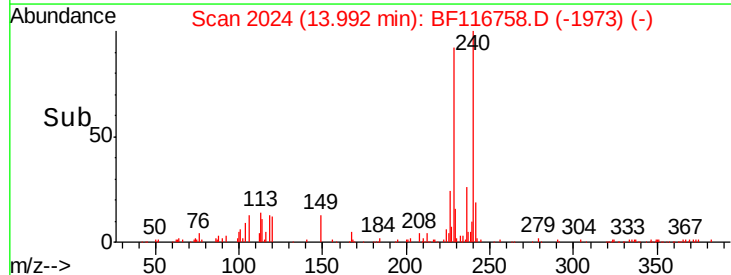
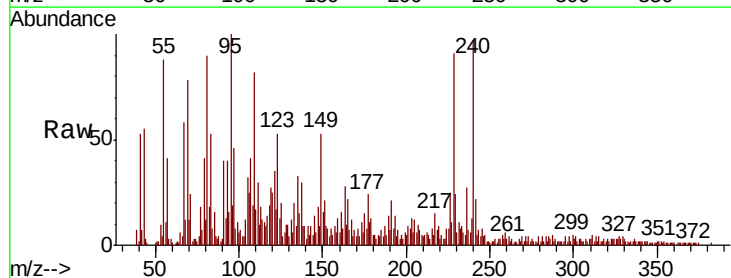
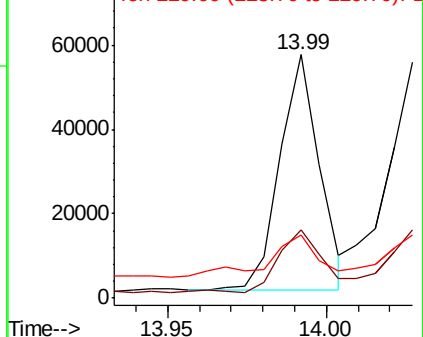
Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.0	33.0
229	26.1	16.4	24.6

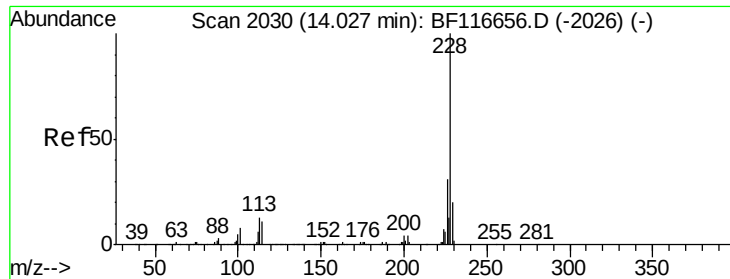
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





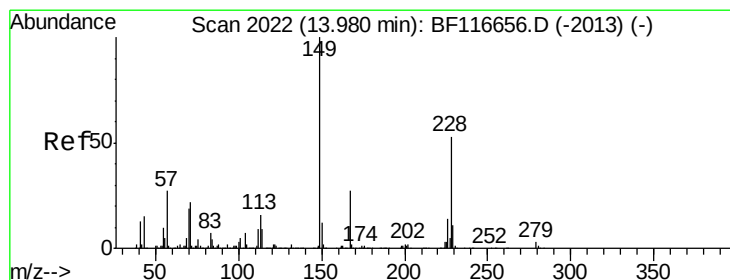
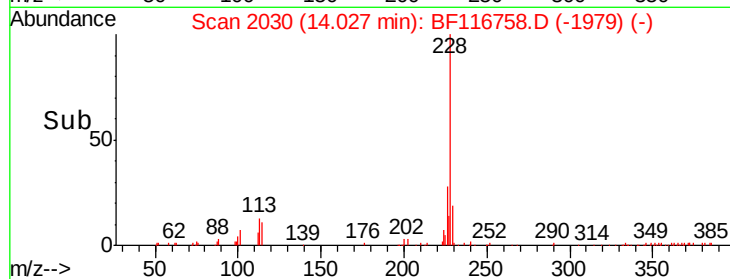
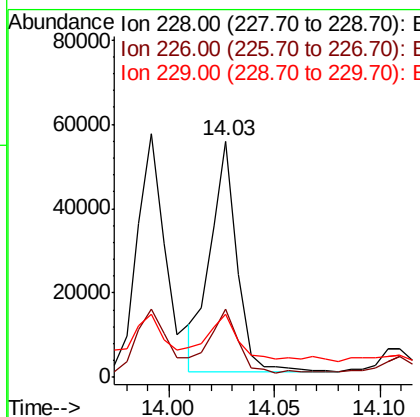
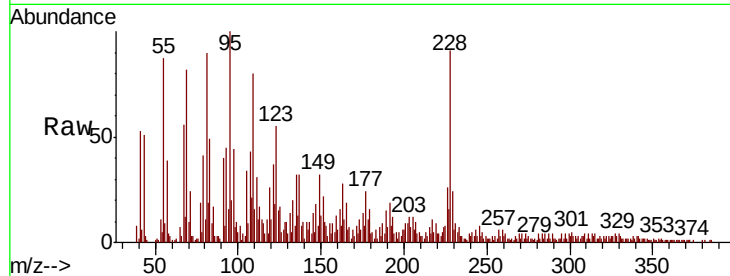
#83
 Chrysene
 Concen: 3.310 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BF116758.D
 Acq: 1 Sep 2019 22:19

Instrument :
 BNA_F
 ClientSampleId :
 T12-A1-A4-(0-3.5)

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.0	36.0
229	26.6	15.4	23.0

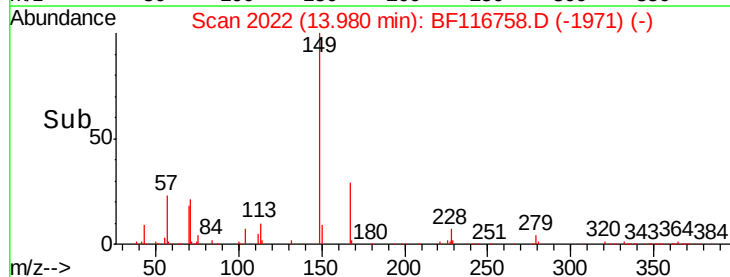
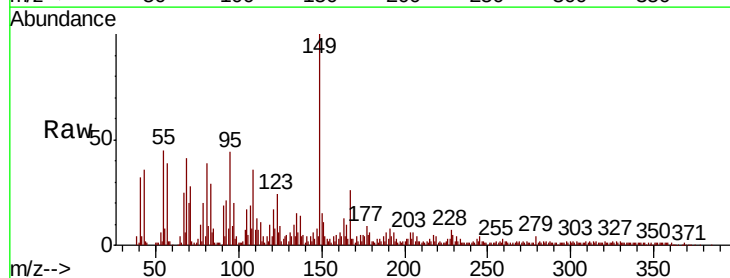
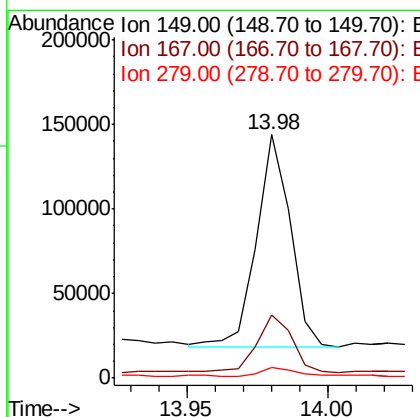
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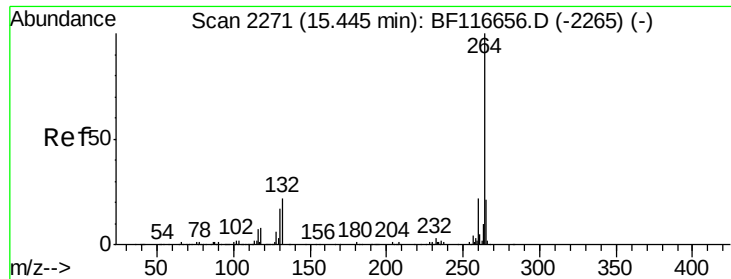
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 8.842 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.00 min
 Lab File: BF116758.D
 Acq: 1 Sep 2019 22:19

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.8	21.0	31.4
279	4.2	2.8	4.2





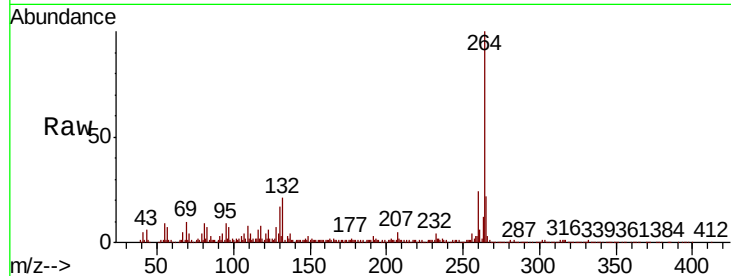
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF116758.D
Acq: 1 Sep 2019 22:19

Instrument :
BNA_F
ClientSampleId :
T12-A1-A4-(0-3.5)

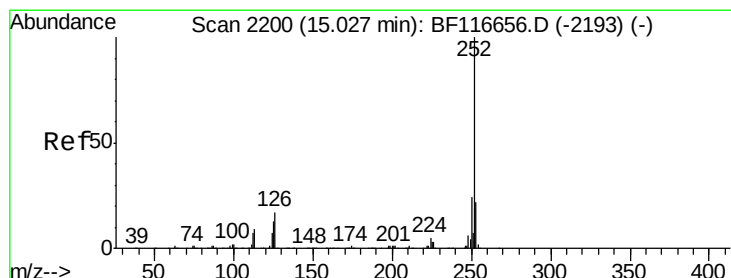
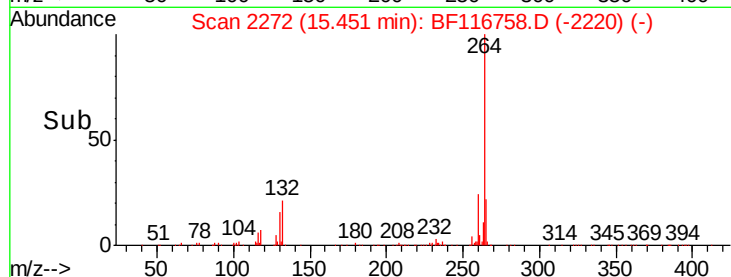
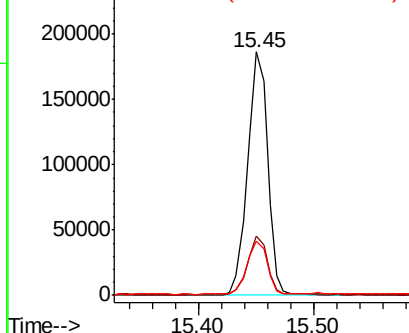
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.3	27.5
265	22.2	16.5	24.7

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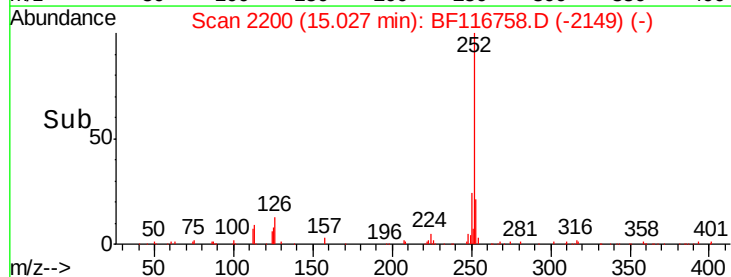
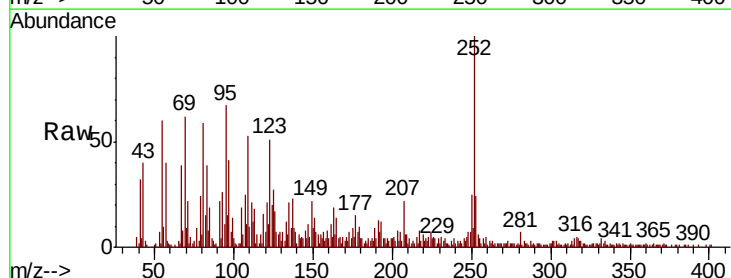
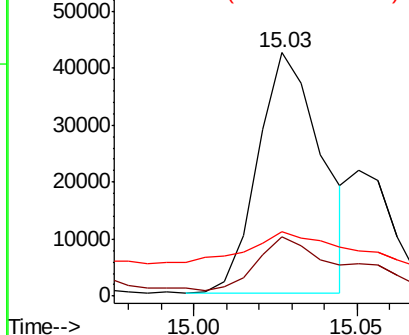
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

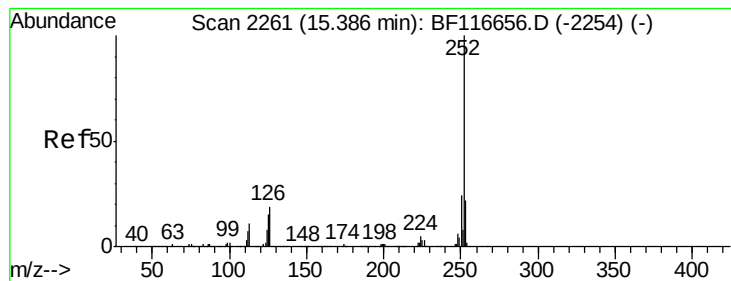


#88
Benzo(b)fluoranthene
Concen: 4.225 ng m
RT: 15.03 min Scan# 2200
Delta R.T. 0.00 min
Lab File: BF116758.D
Acq: 1 Sep 2019 22:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.7	26.5
125	26.5	8.2	12.2#

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





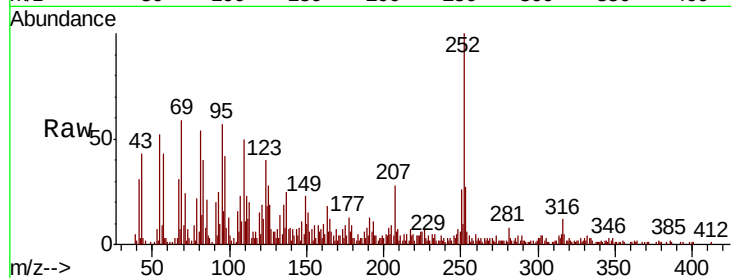
#90
 Benzo(a)pyrene
 Concen: 3.343 ng
 RT: 15.39 min Scan# 2261
 Delta R.T. 0.00 min
 Lab File: BF116758.D
 Acq: 1 Sep 2019 22:19

Instrument :
 BNA_F
 ClientSampleId :
 T12-A1-A4-(0-3.5)

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.7	18.1	27.1
125	28.5	9.8	14.8

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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

