

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
 Data File : BF114838.D
 Acq On : 6 Jun 2019 00:21
 Operator : HP/JU
 Sample : K3189-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-8D

Manual Integrations
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mohammad
 6/6/2019 4:50:39 PM

Quant Time: Jun 06 07:40:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 16:57:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	377409	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1486191	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	765562	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1444563	20.00	ng	0.00
76) Chrysene-d12	13.79	240	947732	20.00	ng	0.00
87) Perylene-d12	15.17	264	961760	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1843464	85.35	ng	0.00
7) Phenol-d6	6.31	99	2375488	90.39	ng	0.00
23) Nitrobenzene-d5	7.23	82	1443851	59.80	ng	0.00
42) 2,4,6-Tribromophenol	10.48	330	768268	93.12	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	2753091	67.37	ng	0.00
79) Terphenyl-d14	12.76	244	2971494	60.98	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.42	163	593433	10.613	ng	98
75) Fluoranthene	12.37	202	206711	2.880	ng	96
78) Pyrene	12.60	202	249669	3.037	ng	94
81) Benzo(a)anthracene	13.78	228	176824	2.421	ng	95
83) Chrysene	13.82	228	220573	3.105	ng	95
84) Bis(2-ethylhexyl)phthalate	13.80	149	167793	3.196	ng	99
88) Benzo(b)fluoranthene	14.79	252	266068m	4.346	ng	
90) Benzo(a)pyrene	15.12	252	258656	4.881	ng	97
92) Benzo(g,h,i)perylene	16.87	276	137188	2.718	ng	93

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

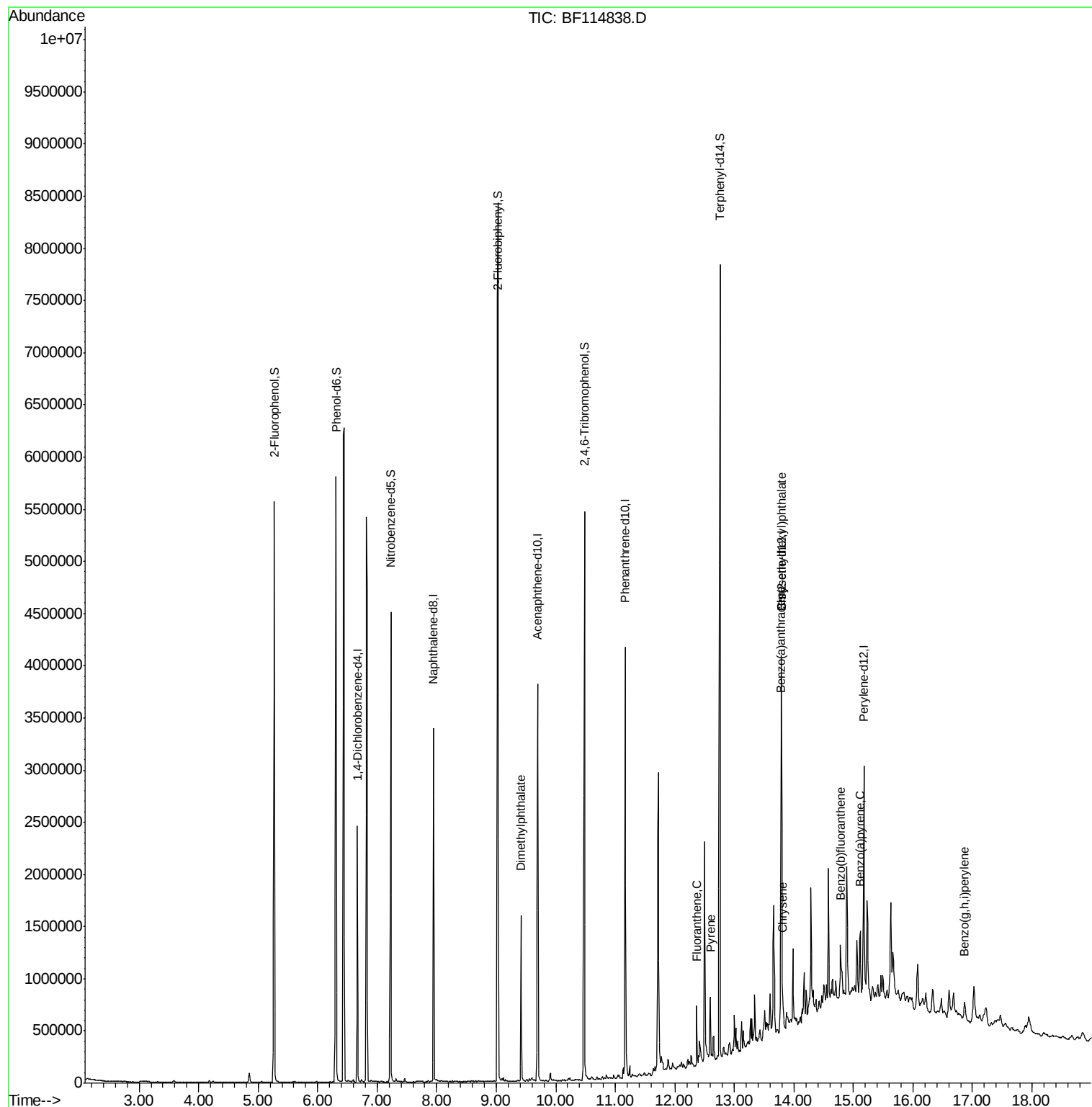
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
Data File : BF114838.D
Acq On : 6 Jun 2019 00:21
Operator : HP/JU
Sample : K3189-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

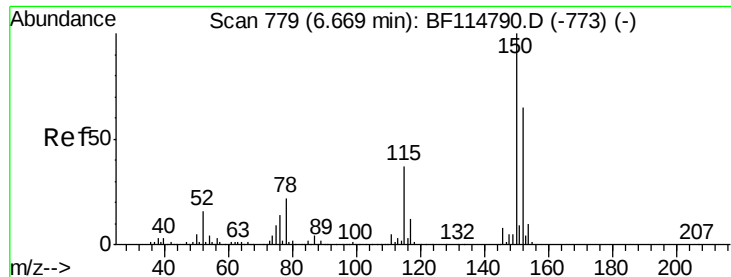
Instrument :
BNA_F
ClientSampleId :
S-8D

Quant Time: Jun 06 07:40:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 04 16:57:15 2019
Response via : Initial Calibration

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#1

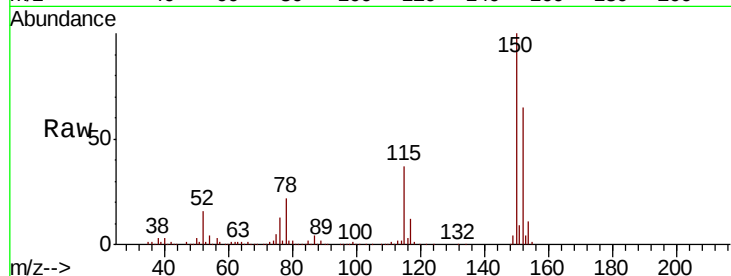
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF114838.D
Acq: 6 Jun 2019 00:21

Instrument :
BNA_F
ClientSampleId :
S-8D

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.0	186.0
115	56.7	46.3	69.5

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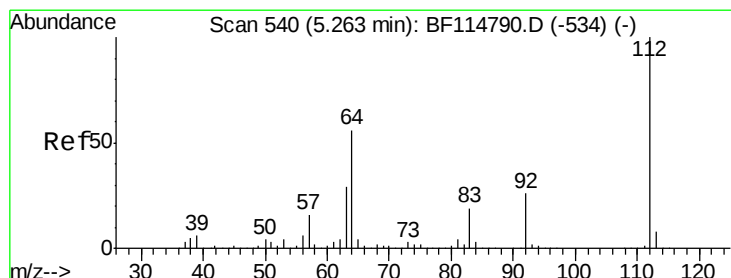
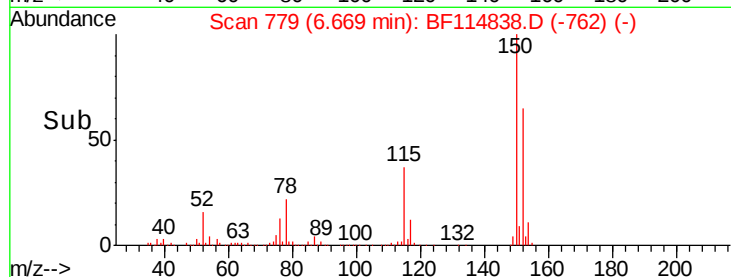
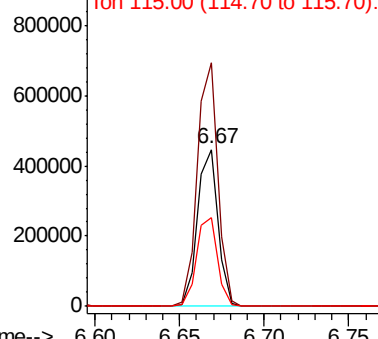


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

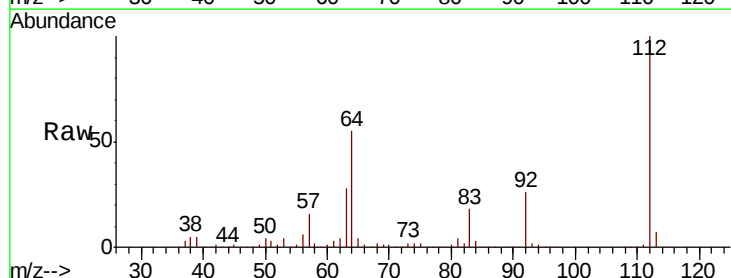
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 85.350 ng
RT: 5.27 min Scan# 541
Delta R.T. 0.01 min
Lab File: BF114838.D
Acq: 6 Jun 2019 00:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.4	44.6	66.8
63	28.5	23.0	34.4

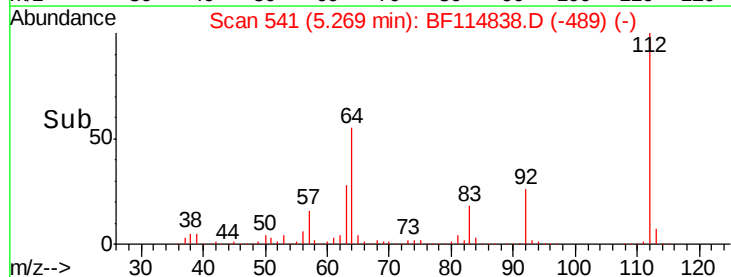
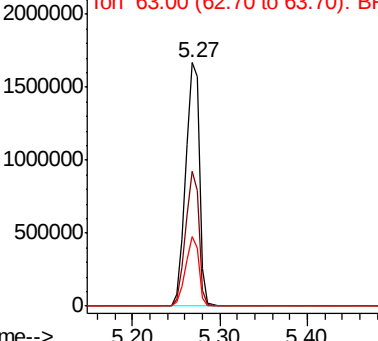


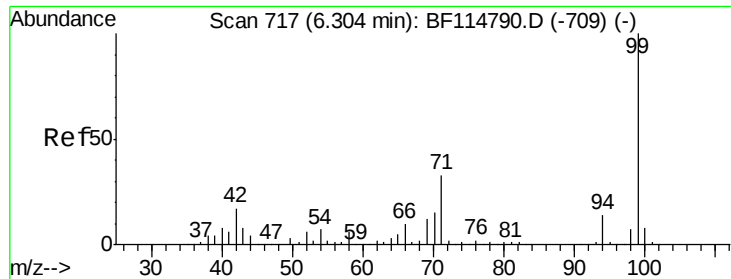
Abundance

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: 90.386 ng

RT: 6.31 min Scan# 718

Delta R.T. 0.01 min

Lab File: BF114838.D

Acq: 6 Jun 2019 00:21

Instrument :

BNA_F

ClientSampled :

S-8D

Tot Ion: 99 Resp: 2375488

Ion Ratio Lower Upper

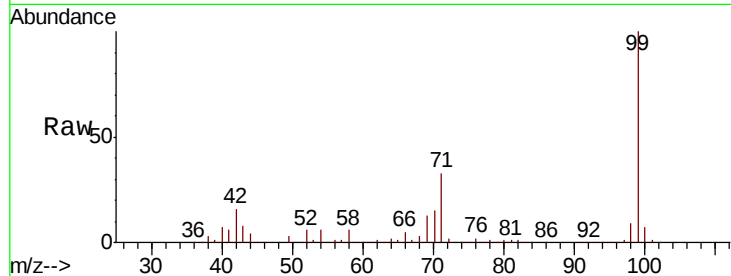
99 100

42 16.1 13.3 19.9

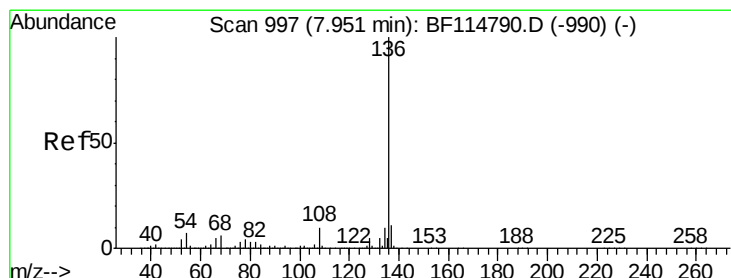
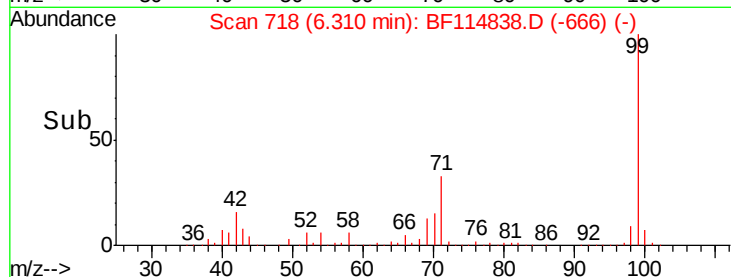
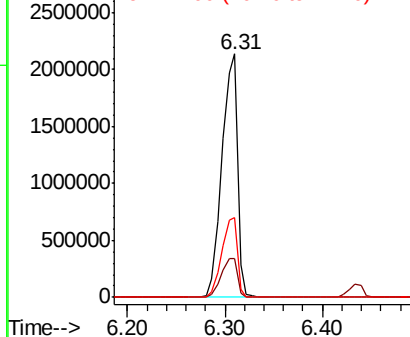
71 32.9 26.3 39.5

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF114838.D

Acq: 6 Jun 2019 00:21

Tgt Ion: 136 Resp: 1486191

Ion Ratio Lower Upper

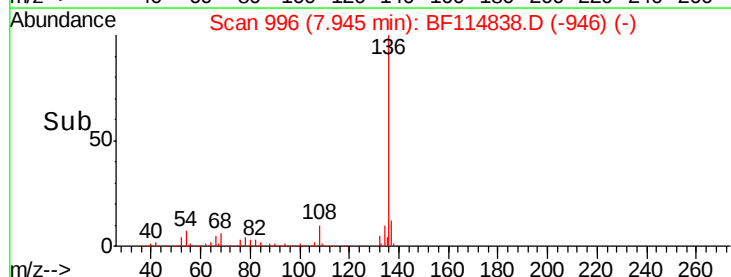
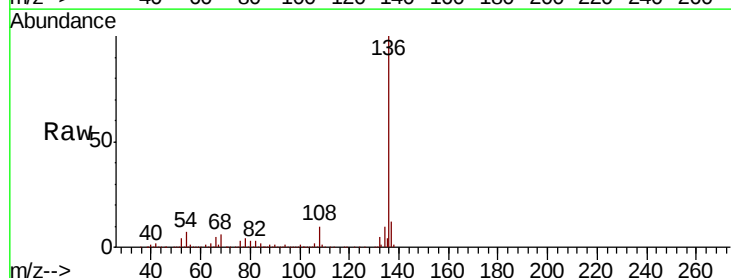
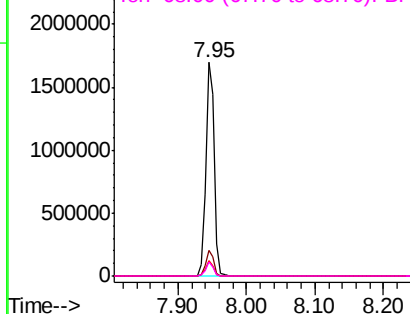
136 100

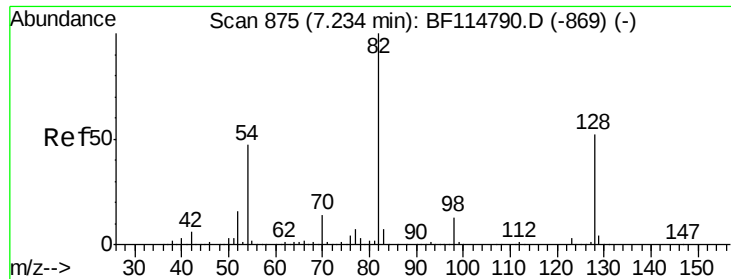
137 11.8 9.1 13.7

54 7.3 5.4 8.0

68 6.5 4.6 6.8

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





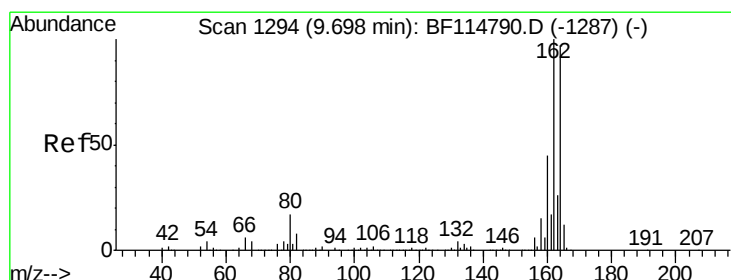
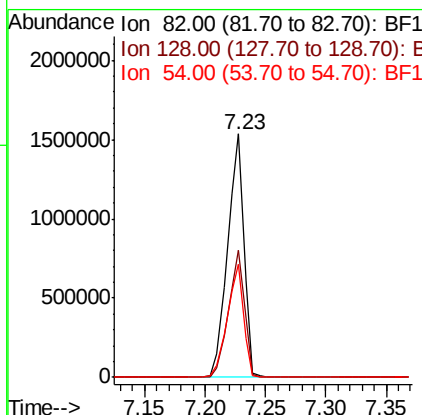
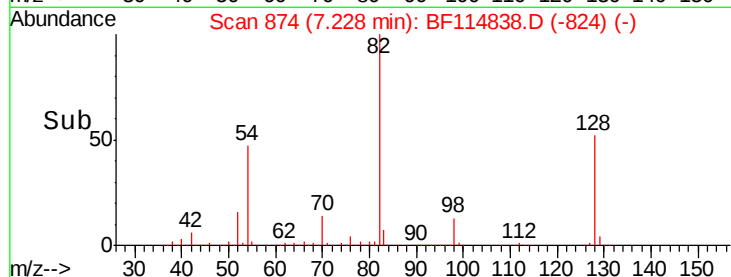
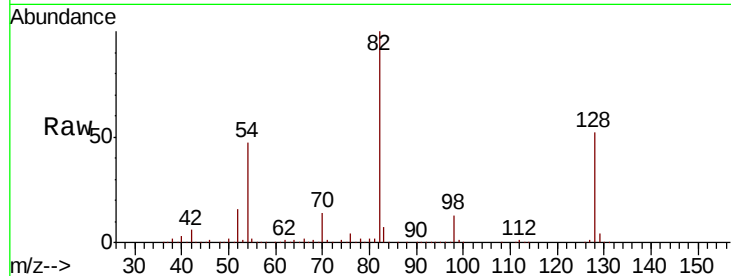
#23
Nitrobenzene-d5
Concen: 59.805 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF114838.D
Acq: 6 Jun 2019 00:21

Instrument :
BNA_F
ClientSampleId :
S-8D

Tot Ion	82	Resp	1443851
Ion Ratio	100	Lower	Upper
128	52.2	41.8	62.6
54	46.5	37.9	56.9

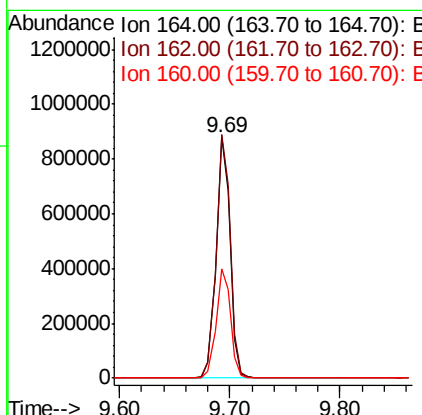
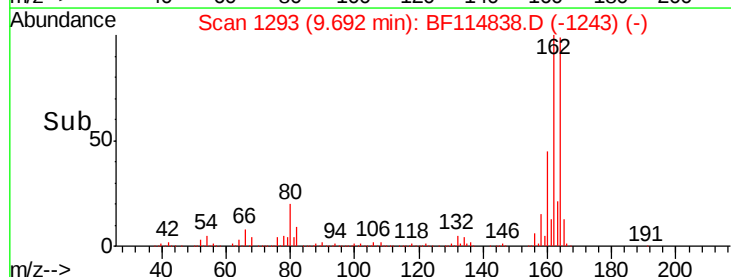
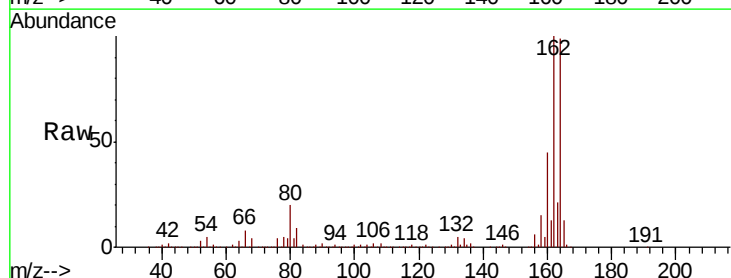
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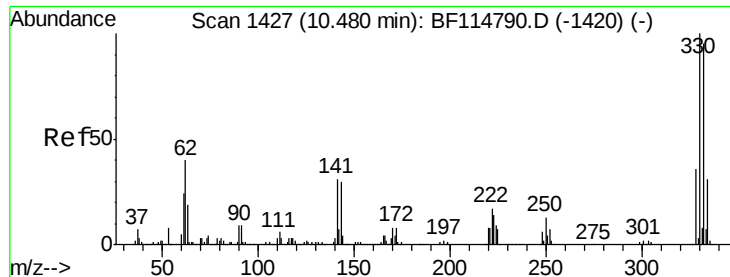
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF114838.D
Acq: 6 Jun 2019 00:21

Tgt Ion	164	Resp	765562
Ion Ratio	100	Lower	Upper
162	101.2	82.3	123.5
160	45.4	36.7	55.1





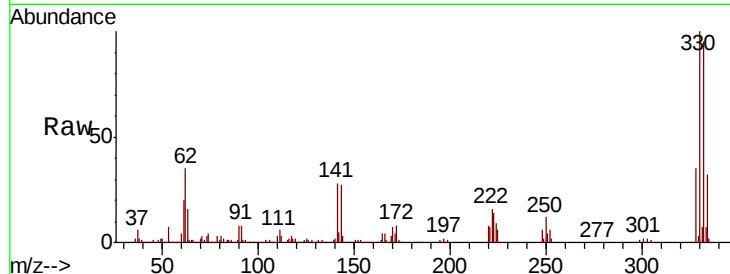
#42
 2,4,6-Tribromophenol
 Concen: 93.122 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: BF114838.D
 Acq: 6 Jun 2019 00:21

Instrument :
 BNA_F
 ClientSampled :
 S-8D

Tot Ion	Ratio	Resp	Lower	Upper
330	100	768268		
332	96.2		77.3	115.9
141	32.7		26.2	39.4

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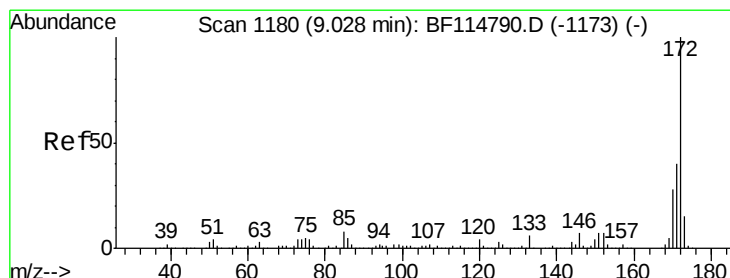
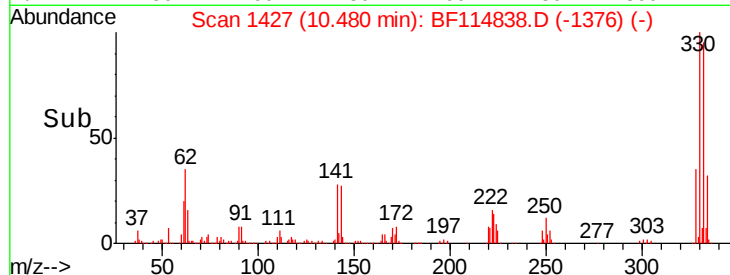
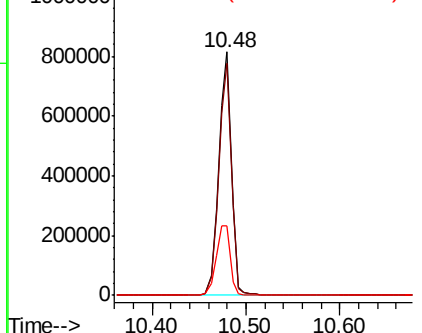


Abundance

Ion 329.80 (329.50 to 330.50): E

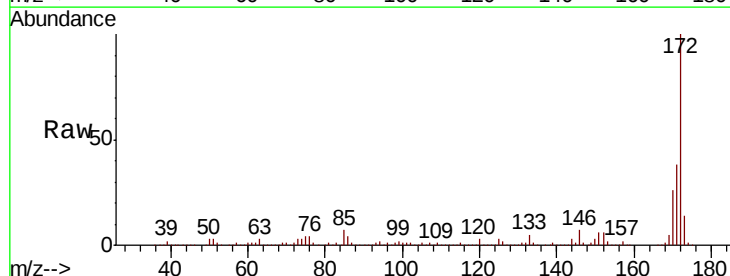
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 67.366 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF114838.D
 Acq: 6 Jun 2019 00:21

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2753091		
171	38.4		32.3	48.5
170	26.2		22.4	33.6

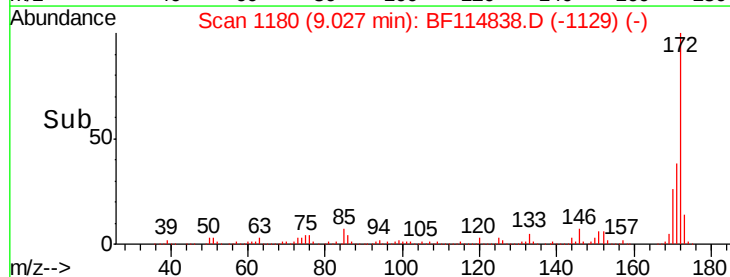
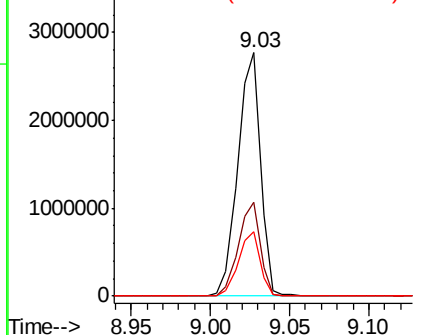


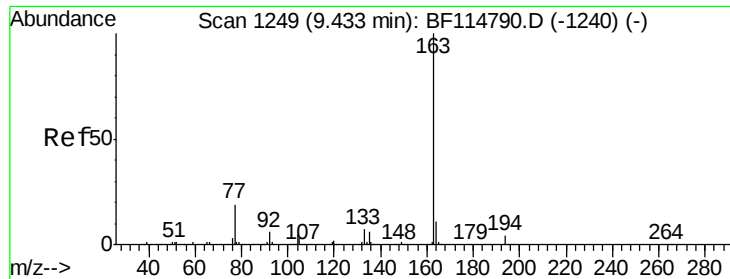
Abundance

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





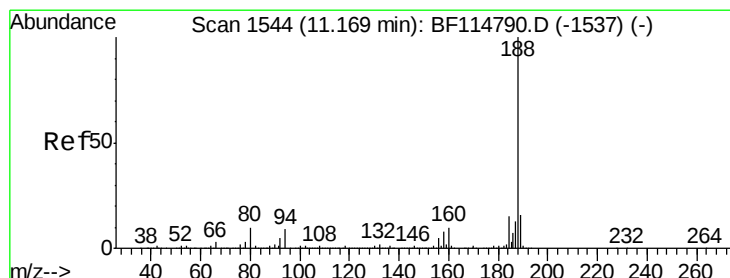
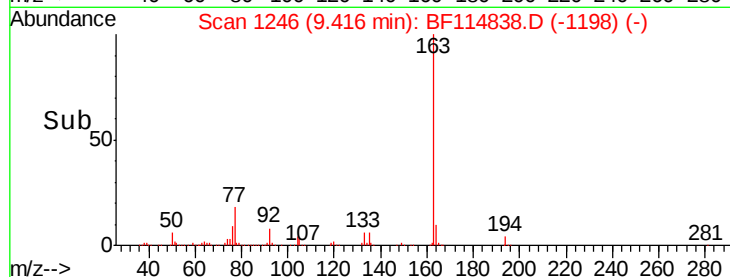
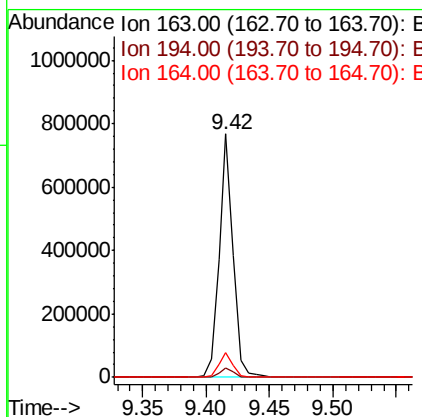
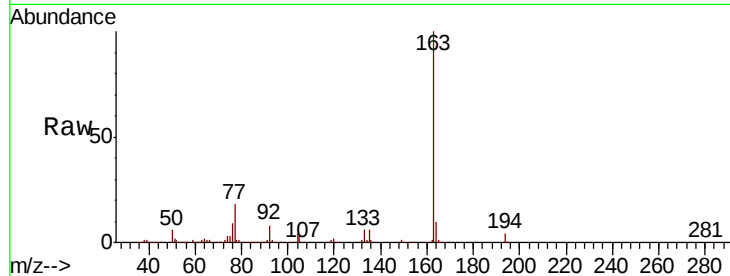
#50
Dimethylphthalate
Concen: 10.613 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BF114838.D
Acq: 6 Jun 2019 00:21

Instrument :
BNA_F
ClientSampleId :
S-8D

Tot Ion	Ratio	Resp	Lower	Upper
163	100	593433		
194	3.8		3.4	5.2
164	10.1		8.6	13.0

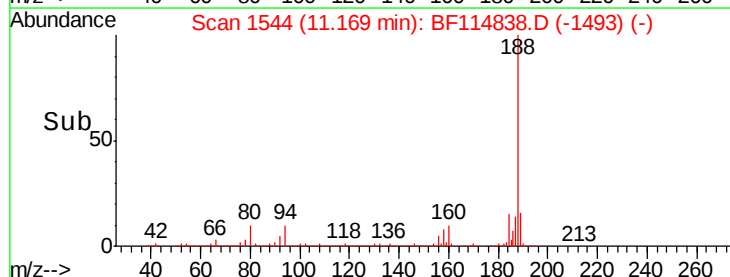
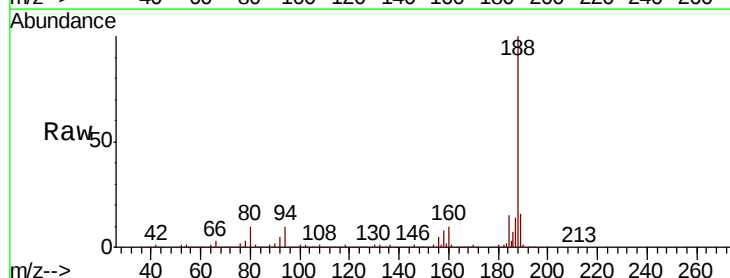
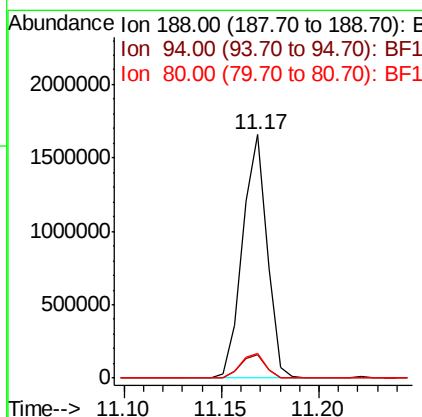
Manual Integrations
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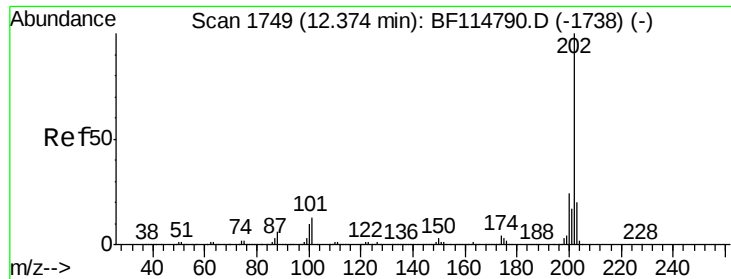
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.00 min
Lab File: BF114838.D
Acq: 6 Jun 2019 00:21

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	1444563		
94	9.6		7.6	11.4
80	10.1		8.3	12.5





#75

Fluoranthene

Concen: 2.880 ng

RT: 12.37 min Scan# 1748

Delta R.T. -0.01 min

Lab File: BF114838.D

Acq: 6 Jun 2019 00:21

Instrument :

BNA_F

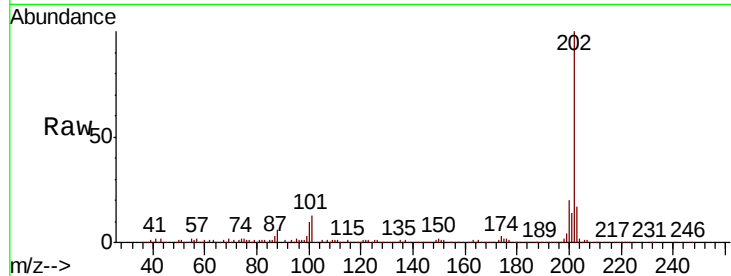
ClientSampleId :

S-8D

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		206711		
101	12.8	0.0	32.8		
203	17.1	0.2	40.2		

Manual Integrations
APPROVED

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6/6/2019 4:50:39 PM

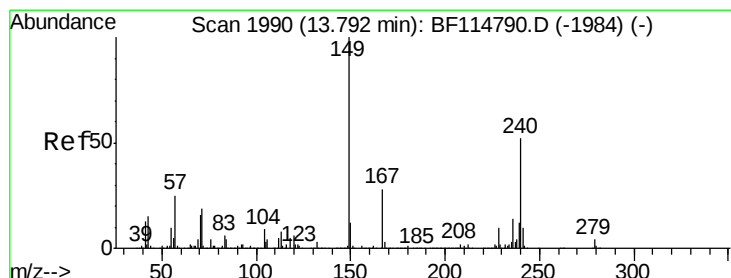
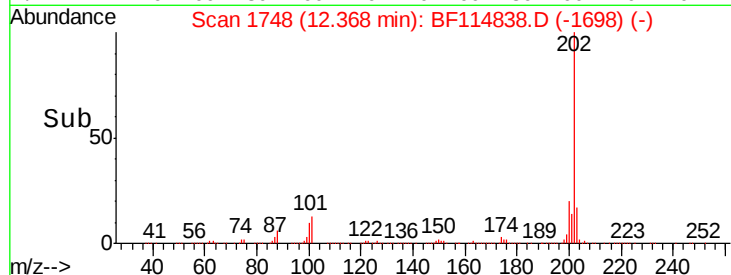
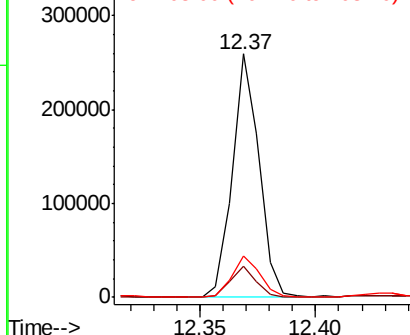


Abundance

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

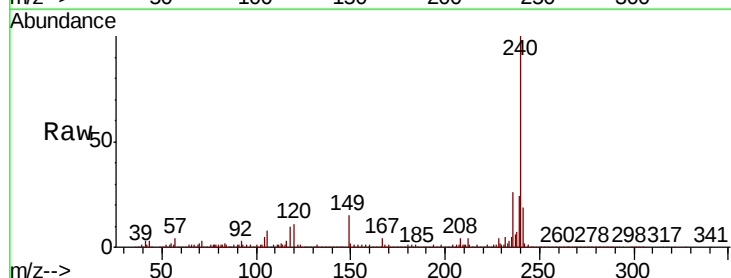
RT: 13.79 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BF114838.D

Acq: 6 Jun 2019 00:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		947732		
120	11.2	9.0	13.4		
236	26.4	21.4	32.0		

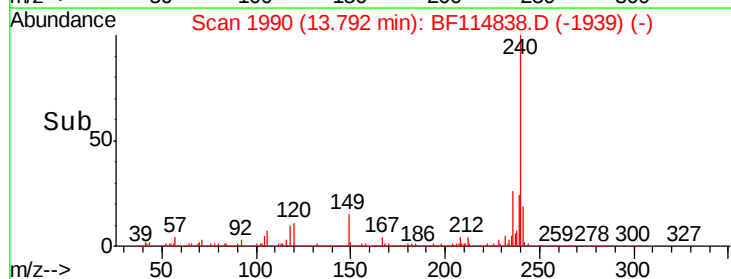
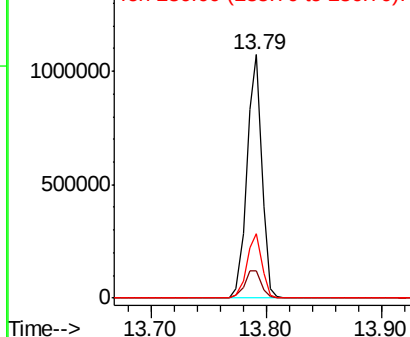


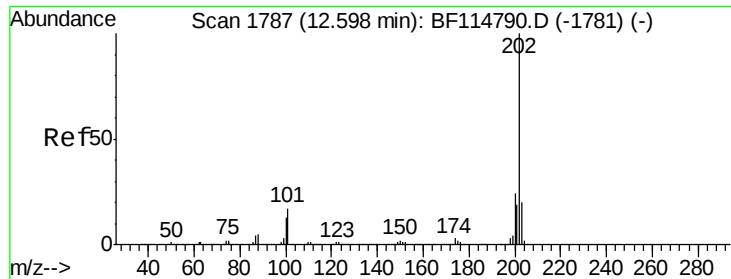
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





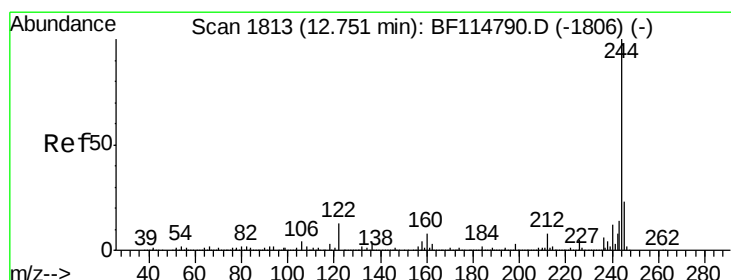
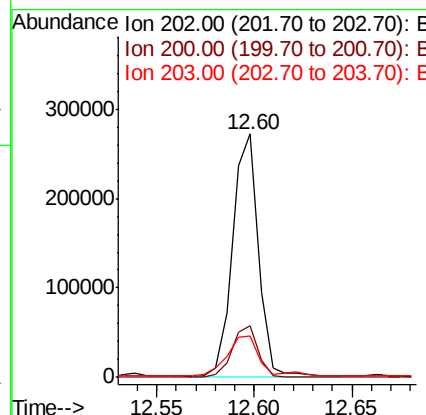
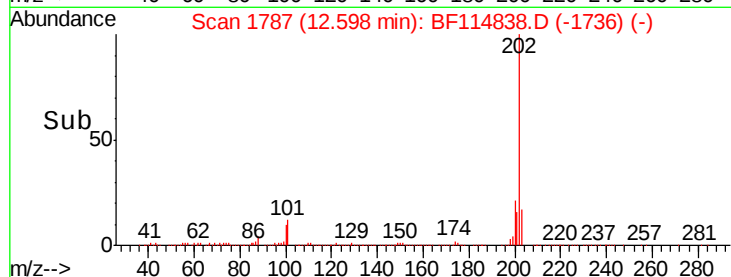
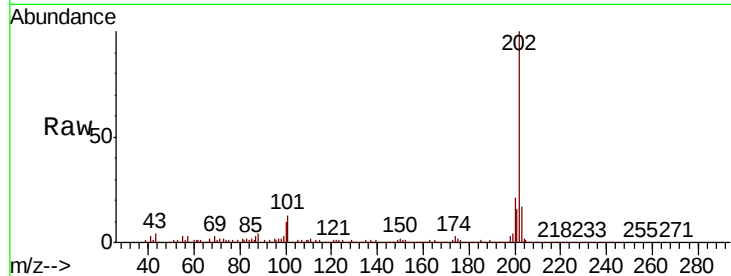
#78
Pvrene
Concen: 3.037 ng
RT: 12.60 min Scan# 1787
Delta R.T. -0.00 min
Lab File: BF114838.D
Acq: 6 Jun 2019 00:21

Instrument :
BNA_F
ClientSampleId :
S-8D

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.0	19.2	28.8
203	17.1	15.9	23.9

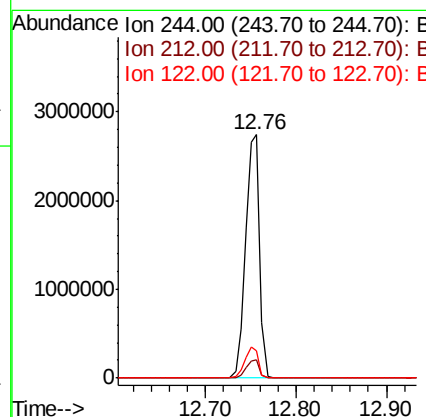
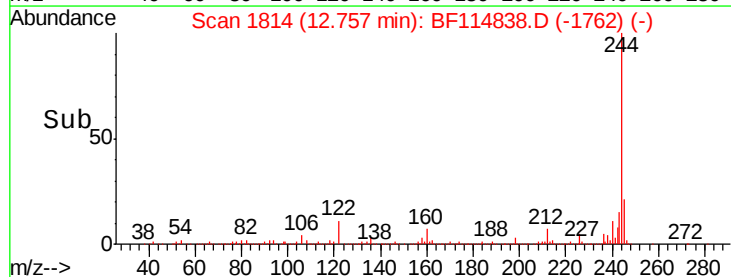
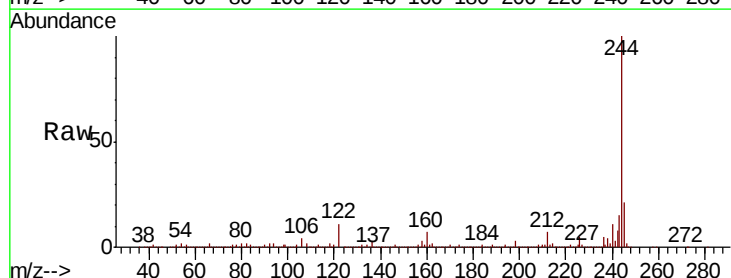
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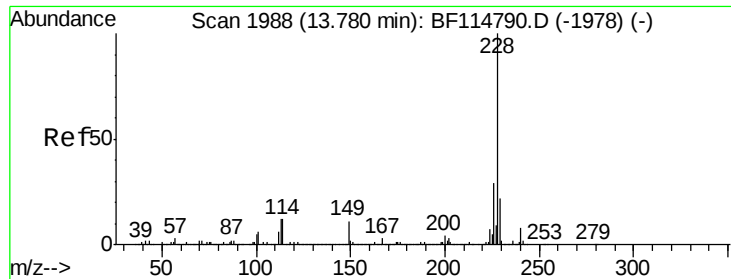
mohammad
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#79
Terphenyl-d14
Concen: 60.975 ng
RT: 12.76 min Scan# 1814
Delta R.T. 0.01 min
Lab File: BF114838.D
Acq: 6 Jun 2019 00:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.5	9.7
122	11.5	10.5	15.7





#81

Benzo(a)anthracene

Concen: 2.421 ng

RT: 13.78 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BF114838.D

Acq: 6 Jun 2019 00:21

Instrument :

BNA_F

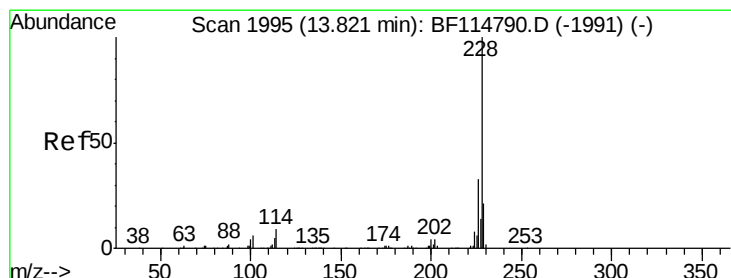
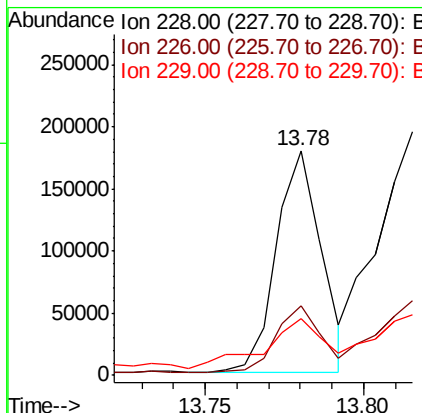
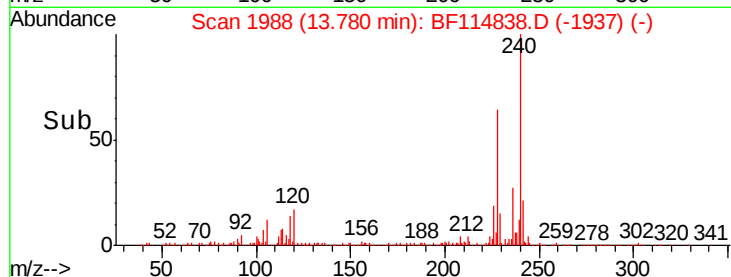
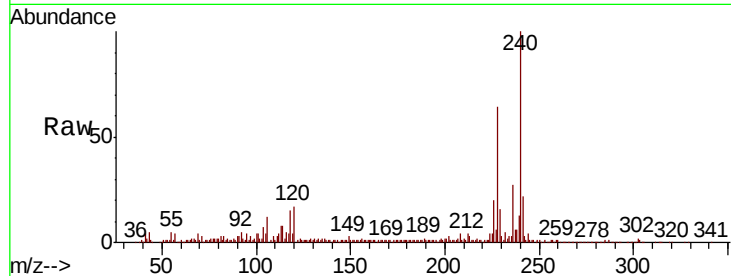
ClientSampleId :

S-8D

Tot Ion:	228	Resp:	176824
Ion Ratio	Lower	Upper	
228	100		
226	30.7	23.4	35.2
229	25.1	17.4	26.0

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#83

Chrysene

Concen: 3.105 ng

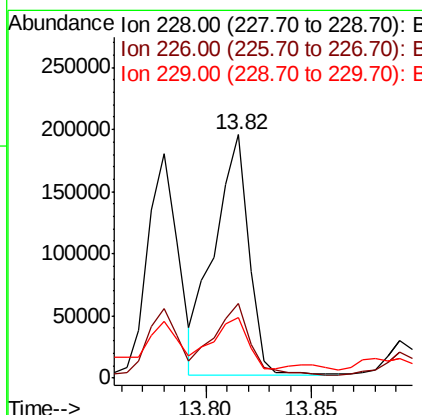
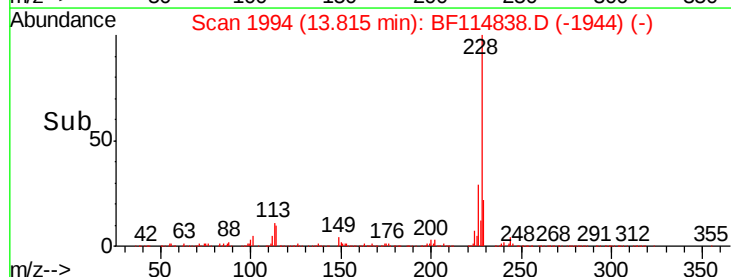
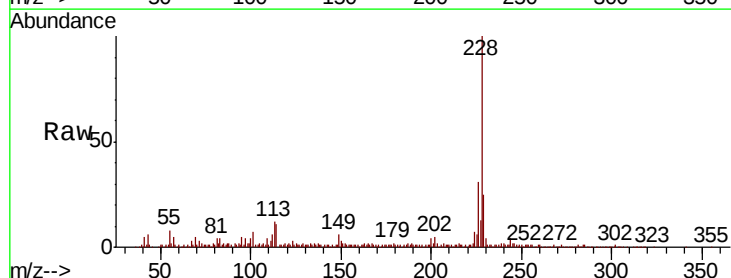
RT: 13.82 min Scan# 1994

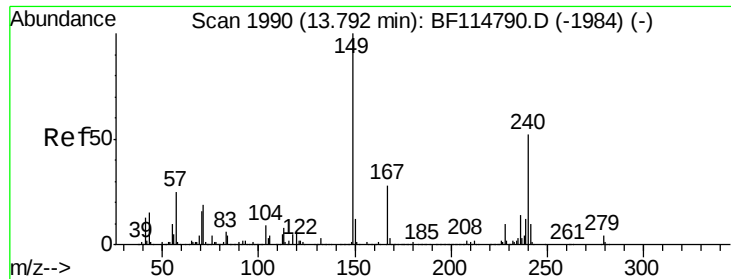
Delta R.T. -0.01 min

Lab File: BF114838.D

Acq: 6 Jun 2019 00:21

Tgt Ion:	228	Resp:	220573
Ion Ratio	Lower	Upper	
228	100		
226	30.8	26.0	39.0
229	25.1	17.1	25.7





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.196 ng

RT: 13.80 min Scan# 1991

Delta R.T. 0.01 min

Lab File: BF114838.D

Acq: 6 Jun 2019 00:21

Instrument :

BNA_F

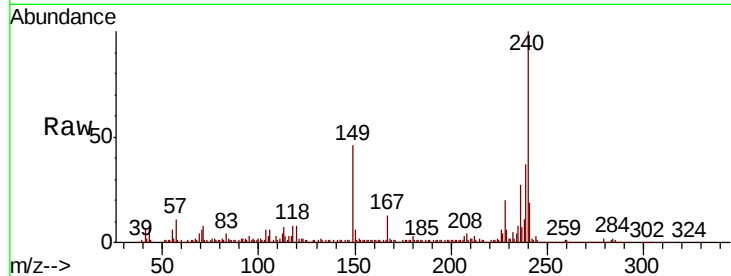
ClientSampled :

S-8D

Tot Ion:	149	Resp:	167793
Ion Ratio	Lower	Upper	
149	100		
167	28.0	22.7	34.1
279	4.4	3.1	4.7

Manual Integrations
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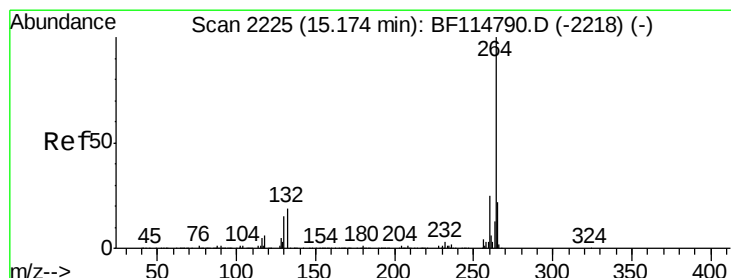
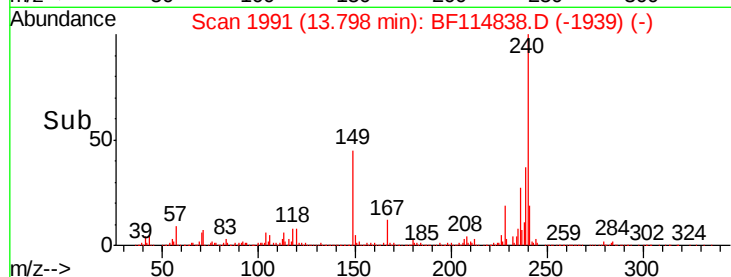
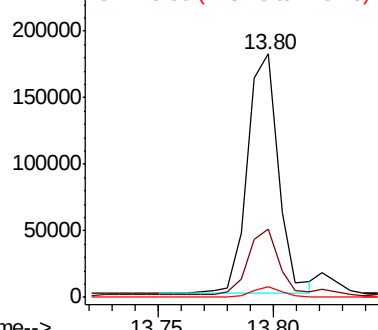


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

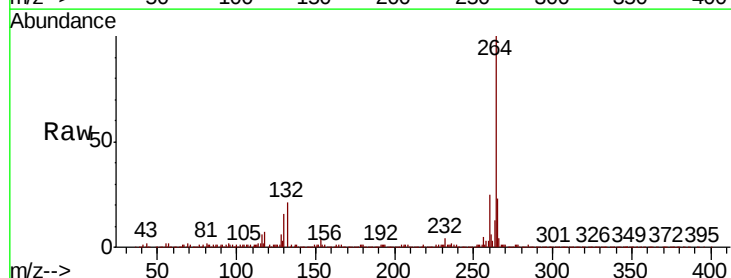
RT: 15.17 min Scan# 2225

Delta R.T. -0.00 min

Lab File: BF114838.D

Acq: 6 Jun 2019 00:21

Tgt Ion:	264	Resp:	961760
Ion Ratio	Lower	Upper	
264	100		
260	24.7	20.1	30.1
265	22.9	17.7	26.5

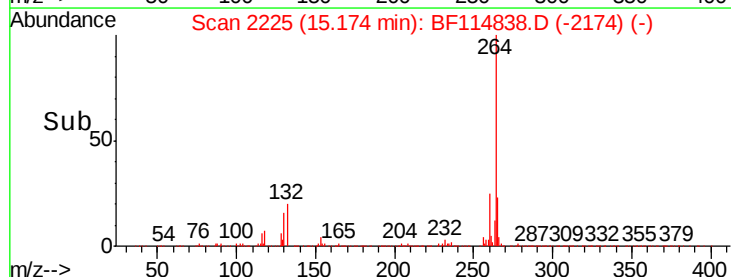
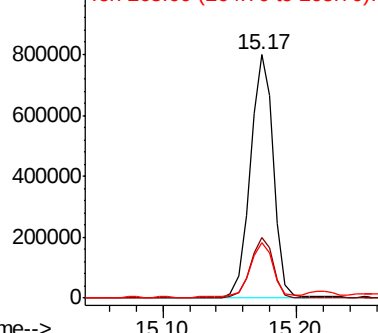


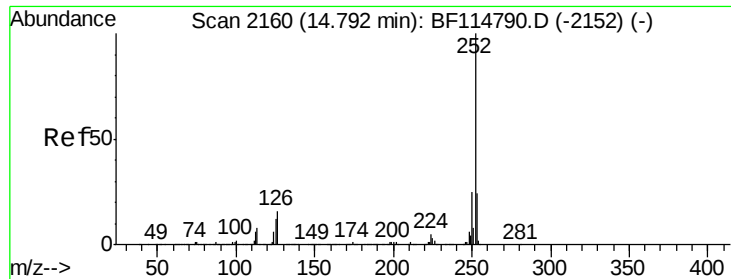
Abundance

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





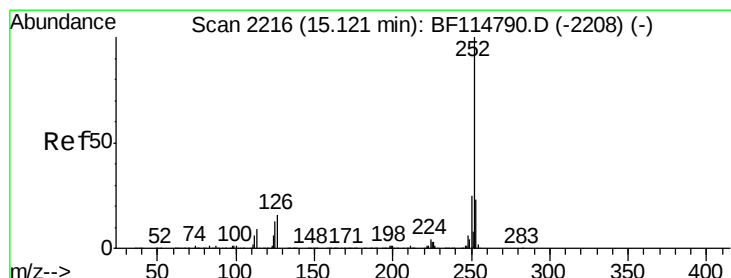
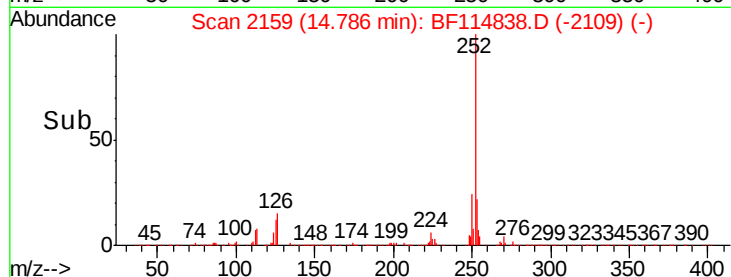
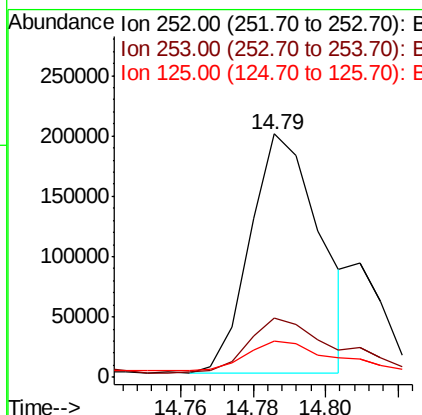
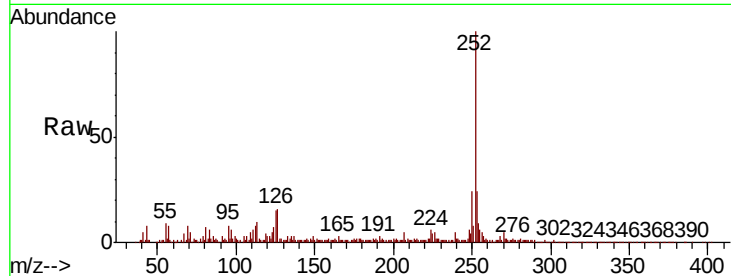
#88
Benzo(b)fluoranthene
Concen: 4.346 ng m
RT: 14.79 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BF114838.D
Acq: 6 Jun 2019 00:21

Instrument :
BNA_F
ClientSampled :
S-8D

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.0	28.6
125	14.7	9.4	14.0

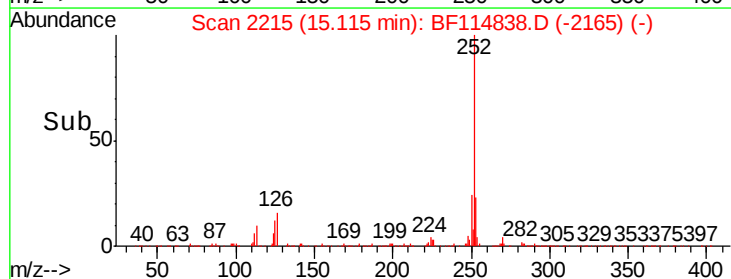
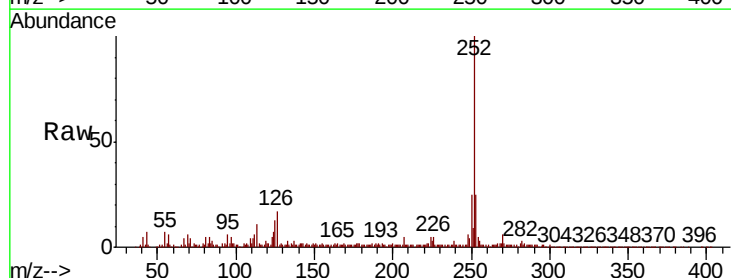
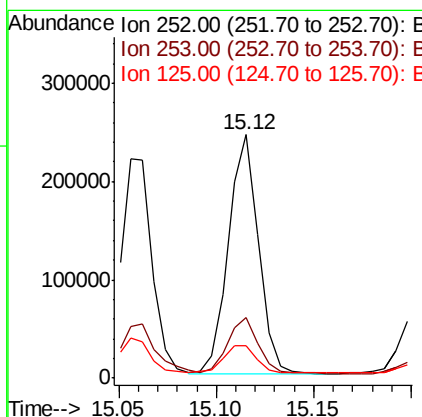
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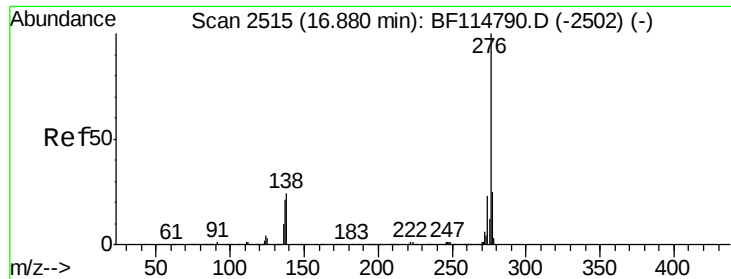
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#90
Benzo(a)pyrene
Concen: 4.881 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF114838.D
Acq: 6 Jun 2019 00:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.5	27.7
125	13.3	10.1	15.1





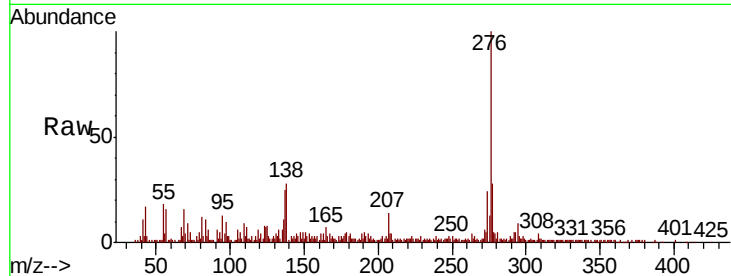
#92
 Benzo(a,h,i)perylene
 Concen: 2.718 ng
 RT: 16.87 min Scan# 2513
 Delta R.T. -0.01 min
 Lab File: BF114838.D
 Acq: 6 Jun 2019 00:21

Instrument :
 BNA_F
 ClientSampleId :
 S-8D

Tot Ion:	276	Resp:	137188
Ion Ratio	Lower	Upper	
276	100		
277	27.7	19.8	29.6
138	28.0	19.4	29.2

Manual Integrations
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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

