

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021120\
 Data File : BF118891.D
 Acq On : 11 Feb 2020 18:38
 Operator : CG/JU
 Sample : L1484-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-2

Manual Integrations
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Quant Time: Feb 12 07:27:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	242018	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	944825	20.00	ng	-0.02
39) Acenaphthene-d10	9.84	164	484712	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	830508	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	734176	20.00	ng	-0.02
87) Perylene-d12	15.42	264	681635	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1279752	100.09	ng	0.00
7) Phenol-d6	6.44	99	1710195	107.75	ng	-0.01
23) Nitrobenzene-d5	7.36	82	1099969	69.39	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	527804	91.01	ng	-0.02
45) 2-Fluorobiphenyl	9.16	172	2126580	78.43	ng	-0.02
79) Terphenyl-d14	12.91	244	2338775	65.43	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.55	163	118958	3.604	ng	Qvalue 97
71) Phenanthrene	11.35	178	241197	5.903	ng	96
75) Fluoranthene	12.53	202	393277	8.815	ng	97
78) Pyrene	12.76	202	327728	6.507	ng	97
81) Benzo(a)anthracene	13.95	228	174590	3.996	ng	100
83) Chrysene	13.99	228	155981	3.557	ng	96
88) Benzo(b)fluoranthene	14.99	252	193829m	4.583	ng	
90) Benzo(a)pyrene	15.35	252	126448	3.493	ng	# 97
92) Benzo(g,h,i)perylene	17.27	276	69524	2.250	ng	96

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

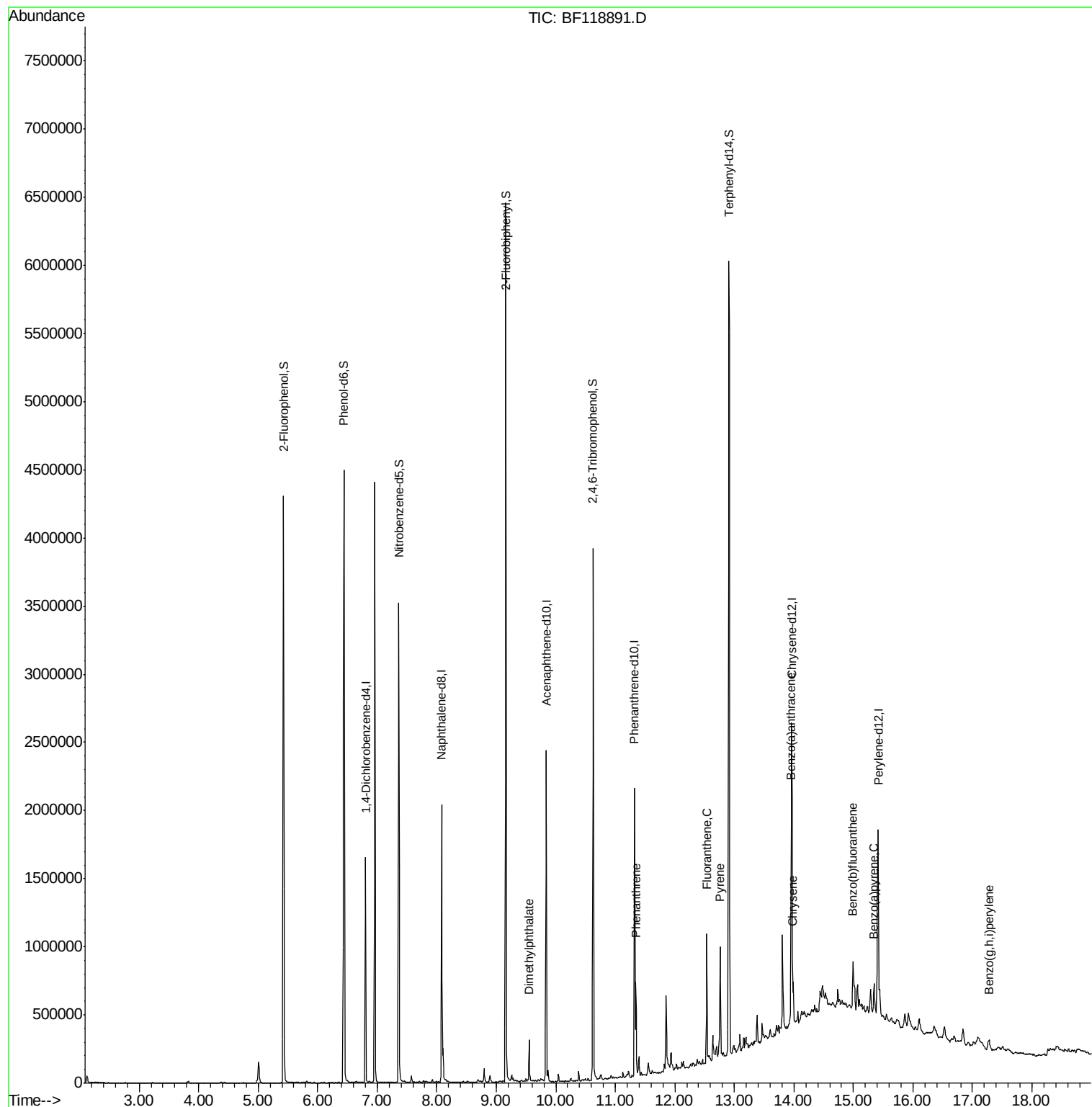
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021120\
Data File : BF118891.D
Acq On : 11 Feb 2020 18:38
Operator : CG/JU
Sample : L1484-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

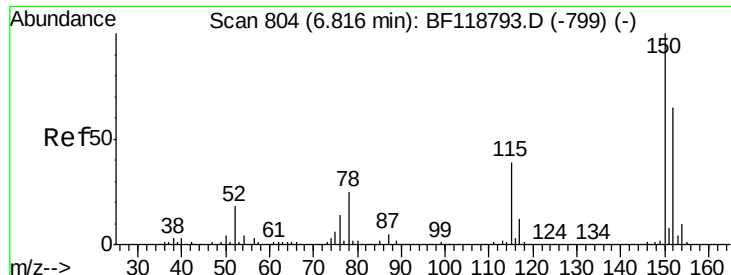
Instrument :
BNA_F
ClientSampleId :
SP-2

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Quant Time: Feb 12 07:27:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration





#1

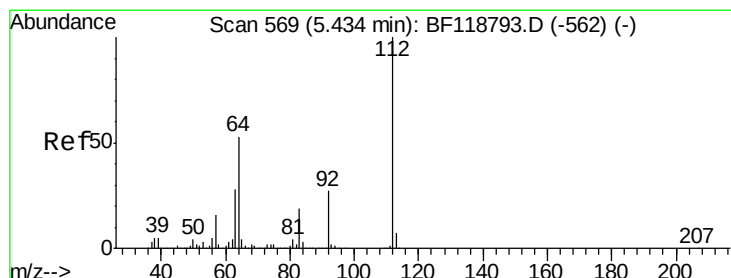
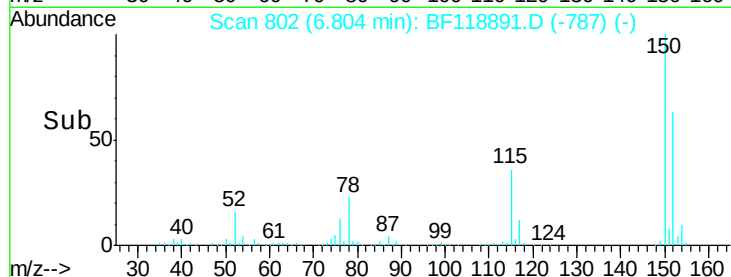
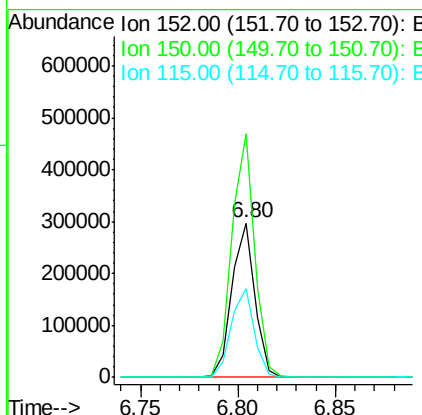
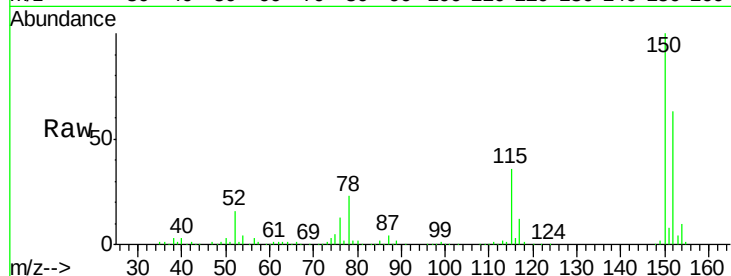
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF118891.D
Acq: 11 Feb 2020 18:38

Instrument :
BNA_F
ClientSampleId :
SP-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	123.6	185.4
115	57.1	48.2	72.2

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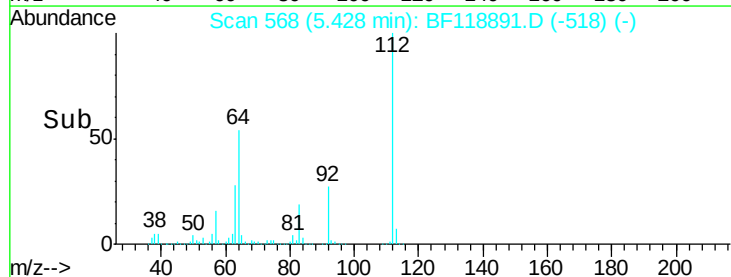
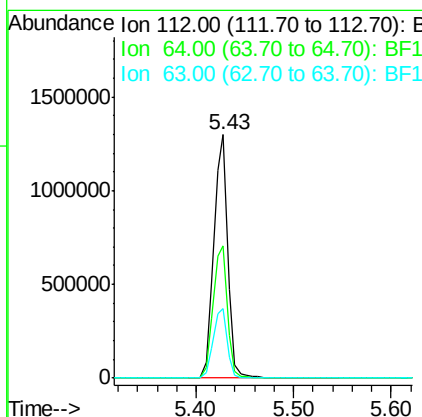
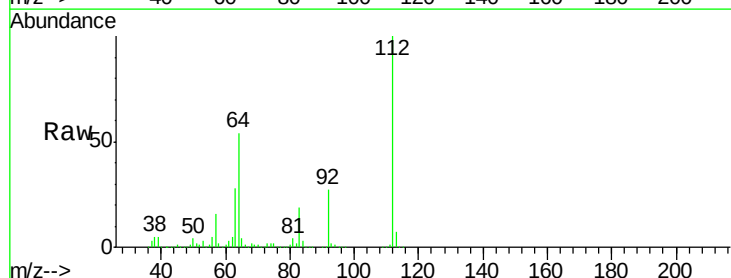
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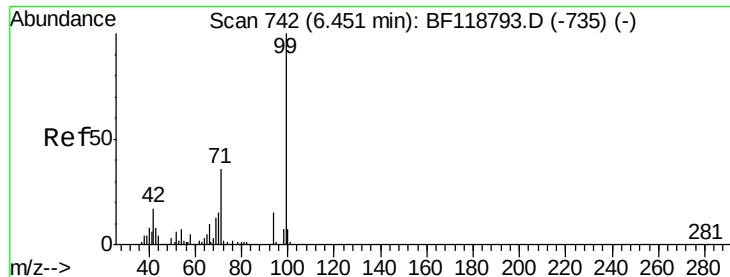


#5

2-Fluorophenol
Concen: 100.095 ng
RT: 5.43 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF118891.D
Acq: 11 Feb 2020 18:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.4	42.6	63.8
63	28.5	22.2	33.4





#7

Phenol-d6

Concen: 107.755 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF118891.D

Acq: 11 Feb 2020 18:38

Instrument :

BNA_F

ClientSampleId :

SP-2

Tot Ion: 99 Resp: 1710195

Ion Ratio Lower Upper

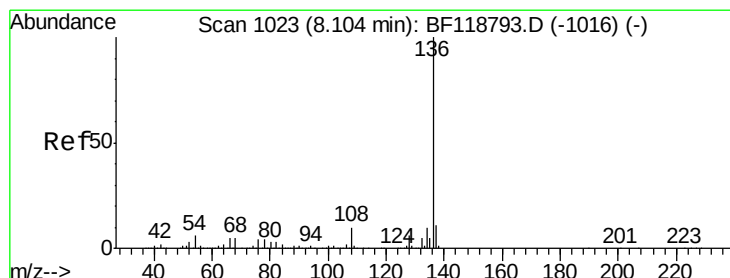
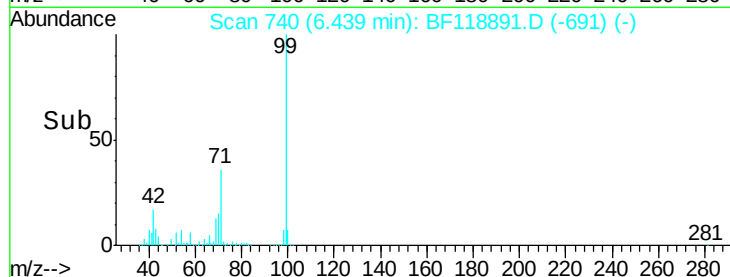
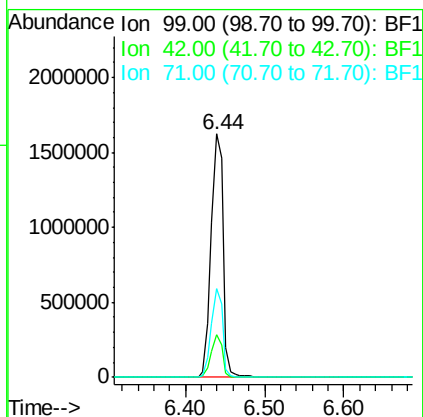
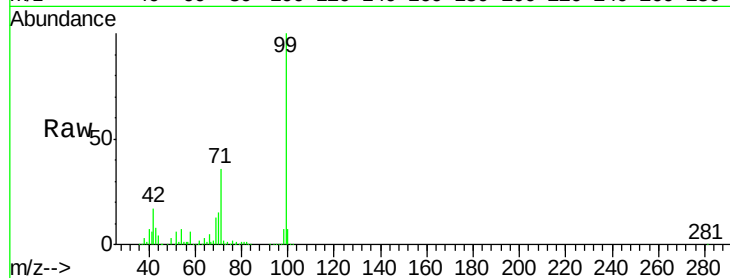
99 100

42 17.3 13.4 20.0

71 36.4 29.0 43.6

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.02 min

Lab File: BF118891.D

Acq: 11 Feb 2020 18:38

Tgt Ion: 136 Resp: 944825

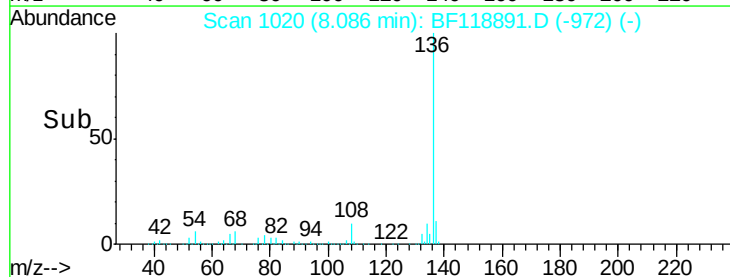
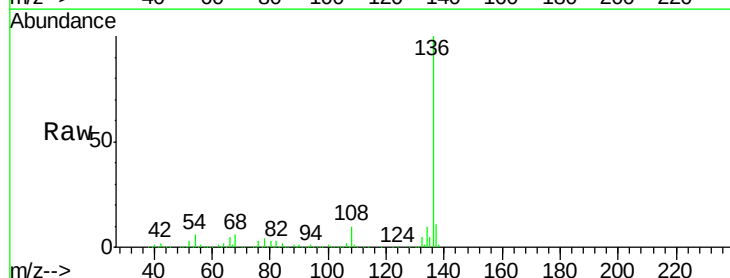
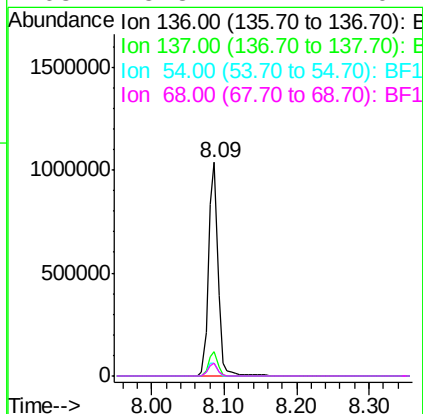
Ion Ratio Lower Upper

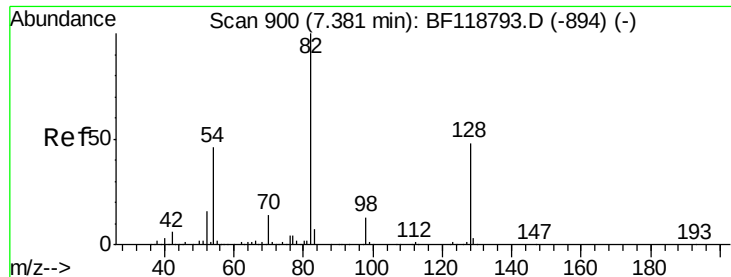
136 100

137 11.2 8.7 13.1

54 6.3 5.0 7.6

68 5.8 4.2 6.4





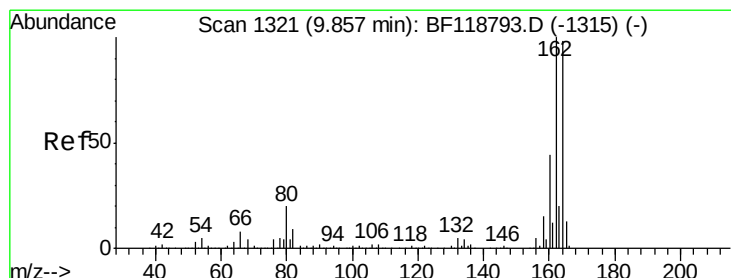
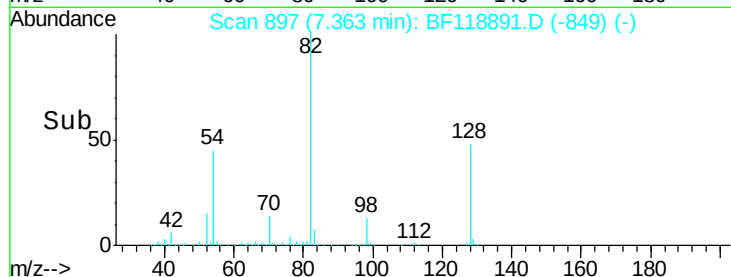
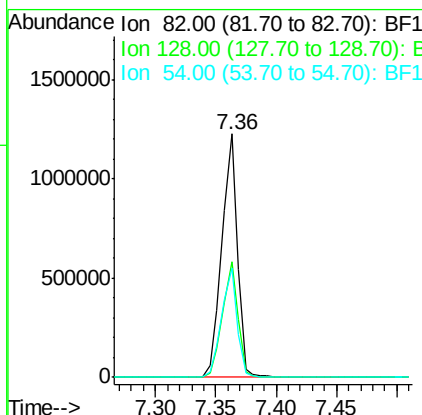
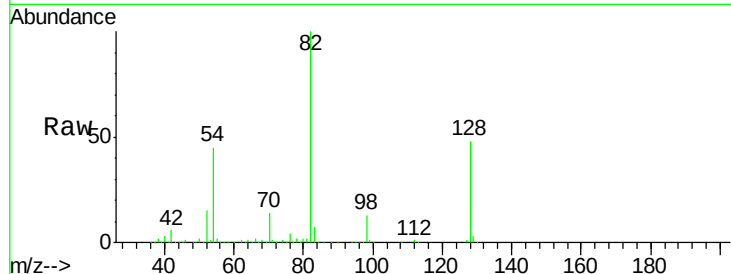
#23
 Nitrobenzene-d5
 Concen: 69.392 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.02 min
 Lab File: BF118891.D
 Acq: 11 Feb 2020 18:38

Instrument :
 BNA_F
 ClientSampleId :
 SP-2

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.6	38.5	57.7
54	45.1	36.7	55.1

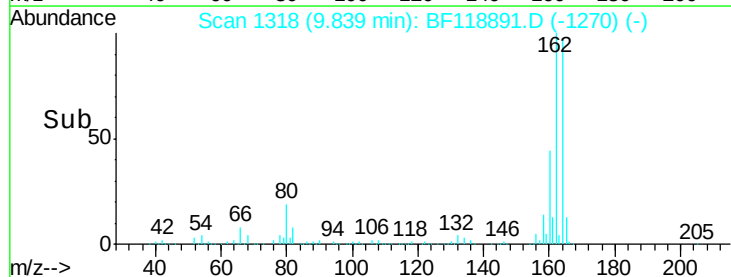
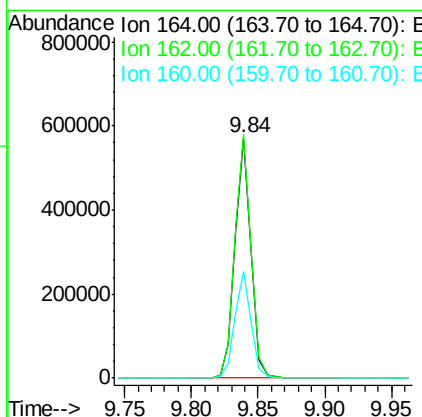
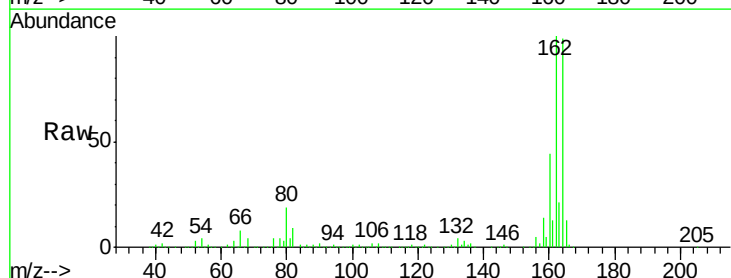
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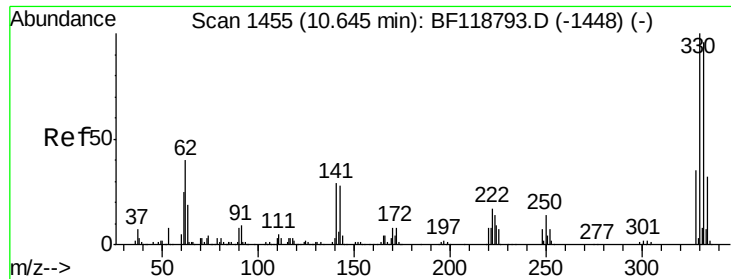
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.02 min
 Lab File: BF118891.D
 Acq: 11 Feb 2020 18:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.4	122.2
160	44.4	35.6	53.4





#42

2,4,6-Tribromophenol

Concen: 91.005 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.02 min

Lab File: BF118891.D

Acq: 11 Feb 2020 18:38

Instrument :

BNA_F

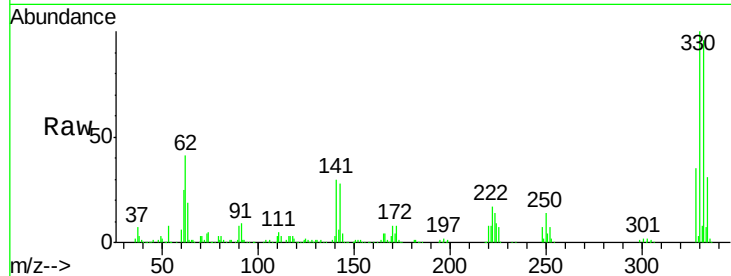
ClientSampled :

SP-2

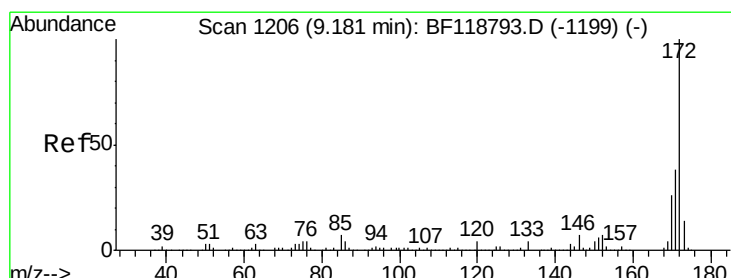
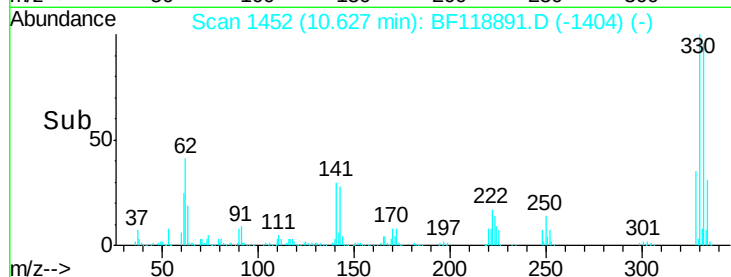
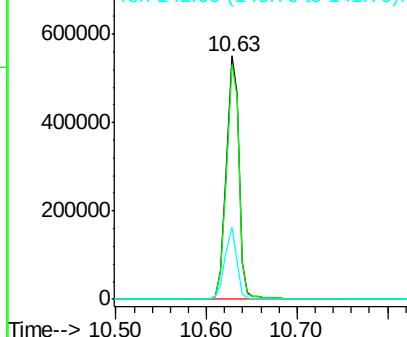
Tot Ion:	330	Resp:	527804
Ion Ratio	Lower	Upper	
330	100		
332	96.8	77.3	115.9
141	27.8	22.4	33.6

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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: 78.432 ng

RT: 9.16 min Scan# 1203

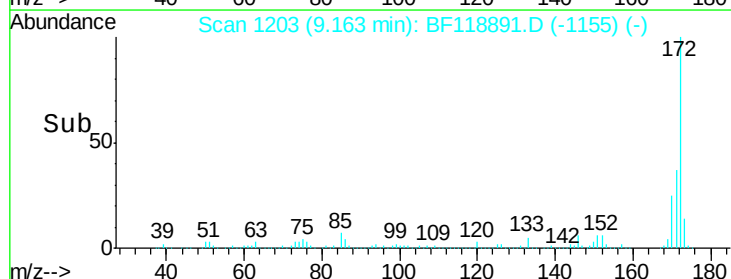
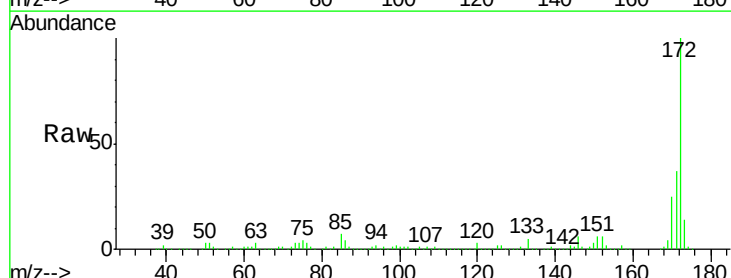
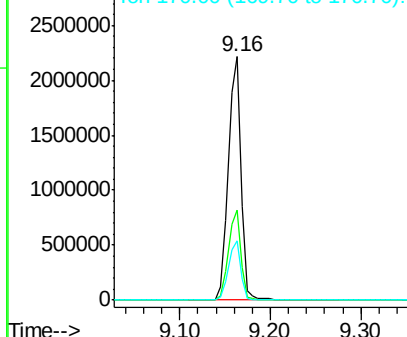
Delta R.T. -0.02 min

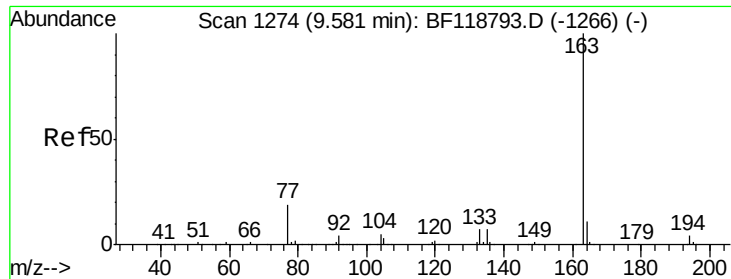
Lab File: BF118891.D

Acq: 11 Feb 2020 18:38

Tgt Ion:	172	Resp:	2126580
Ion Ratio	Lower	Upper	
172	100		
171	37.1	30.8	46.2
170	24.5	20.5	30.7

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





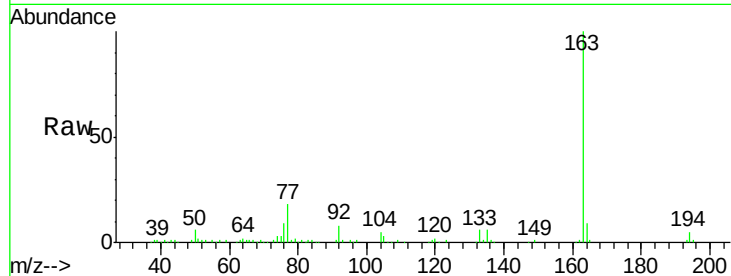
#50
Dimethylphthalate
Concen: 3.604 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.03 min
Lab File: BF118891.D
Acq: 11 Feb 2020 18:38

Instrument :
BNA_F
ClientSampleId :
SP-2

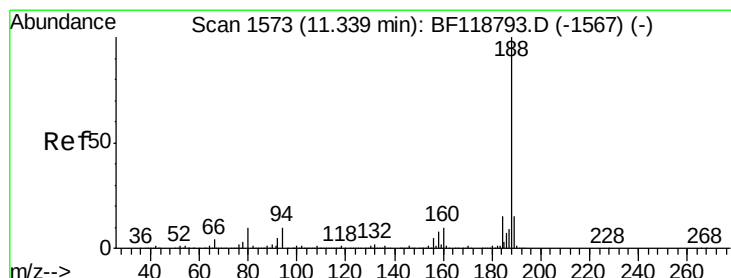
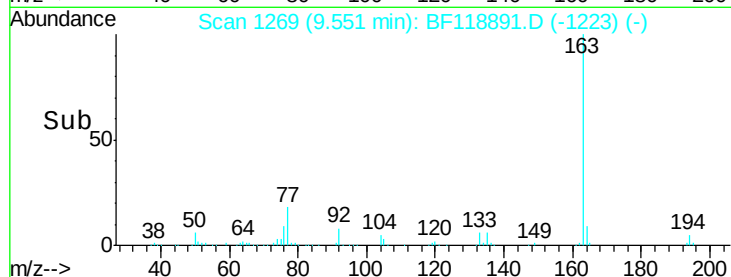
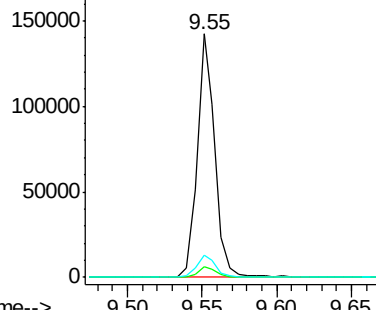
Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	4.6	3.6	5.4
164	9.1	8.7	13.1

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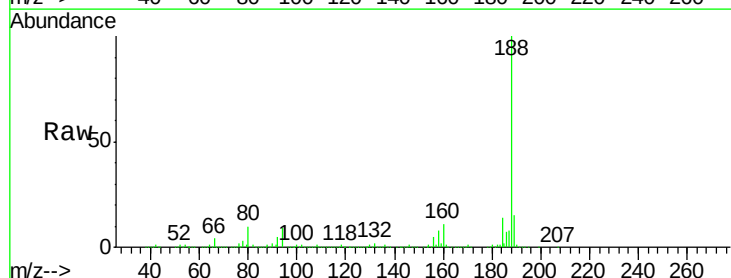


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

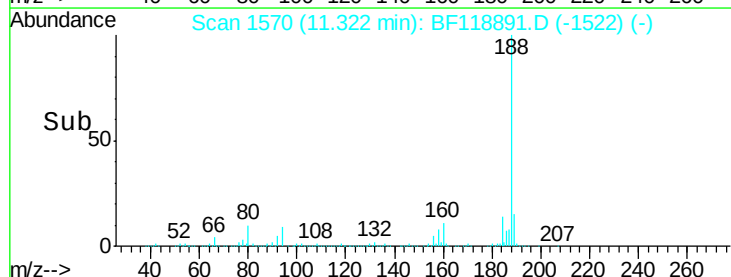
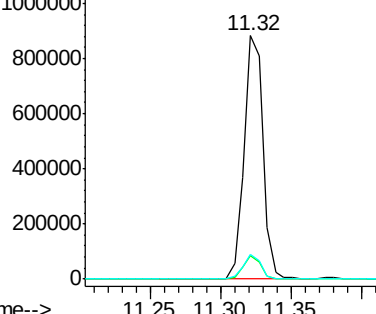


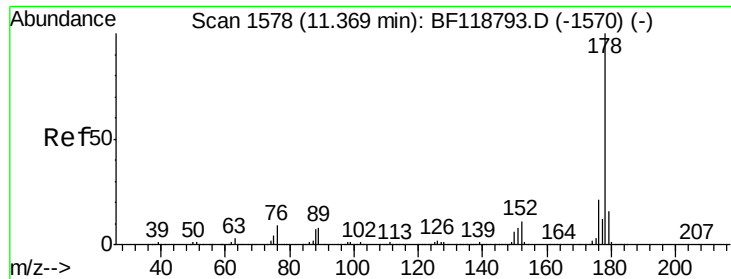
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF118891.D
Acq: 11 Feb 2020 18:38

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	9.4	7.9	11.9
80	10.2	8.4	12.6



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





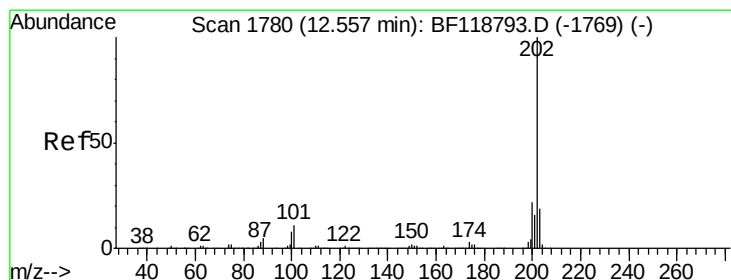
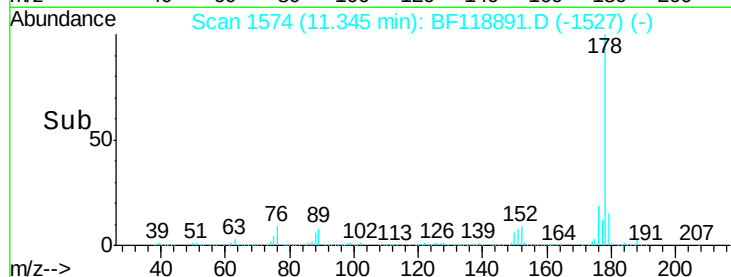
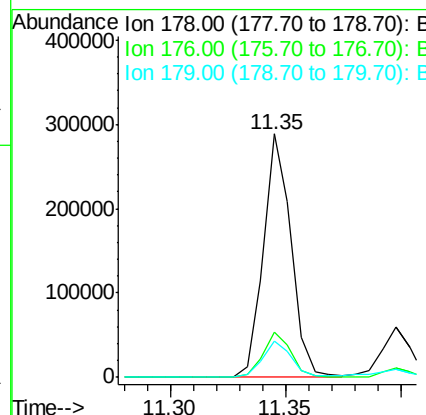
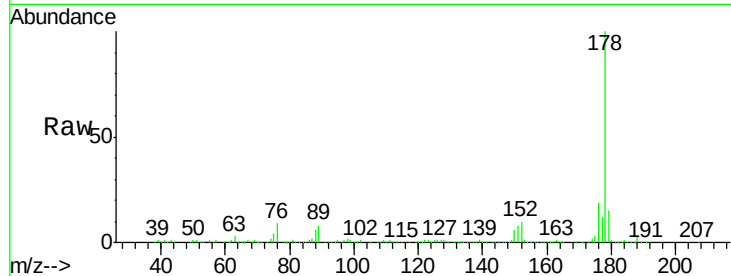
#71
Phenanthrene
Concen: 5.903 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.02 min
Lab File: BF118891.D
Acq: 11 Feb 2020 18:38

Instrument :
BNA_F
ClientSampleId :
SP-2

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.6	24.8
179	15.1	13.2	19.8

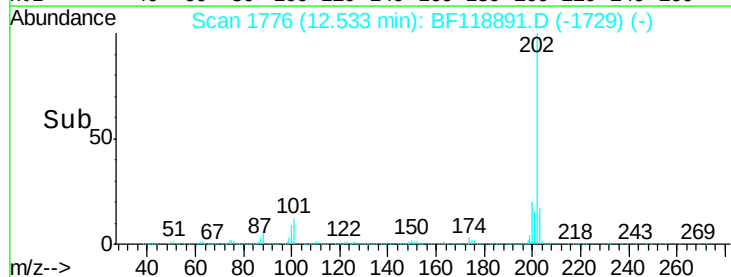
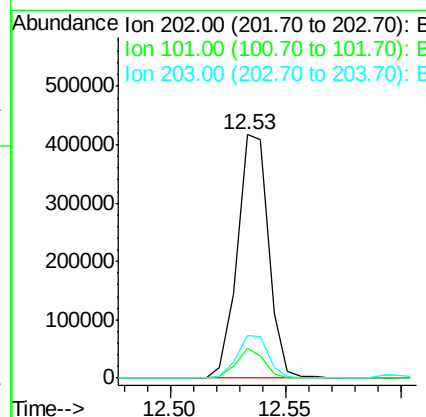
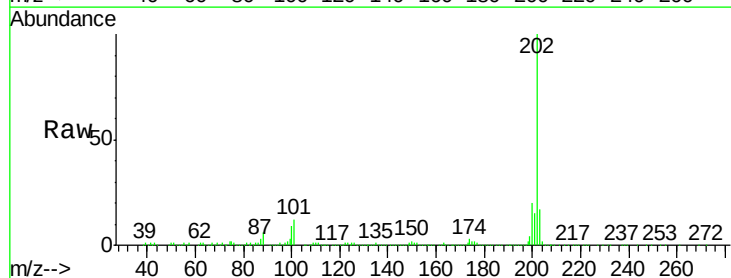
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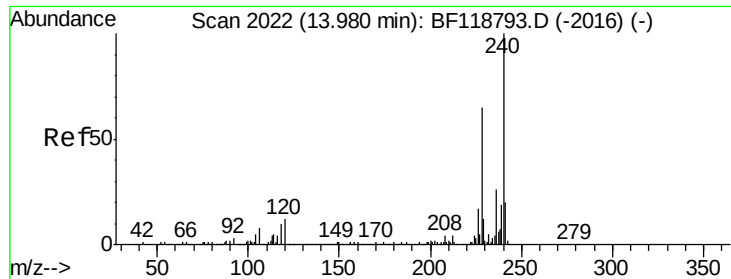
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#75
Fluoranthene
Concen: 8.815 ng
RT: 12.53 min Scan# 1776
Delta R.T. -0.02 min
Lab File: BF118891.D
Acq: 11 Feb 2020 18:38

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	31.0
203	17.3	0.0	38.7





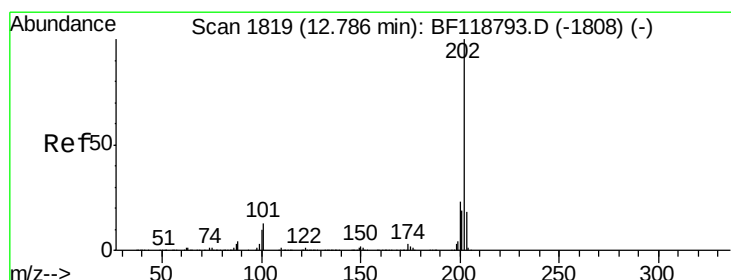
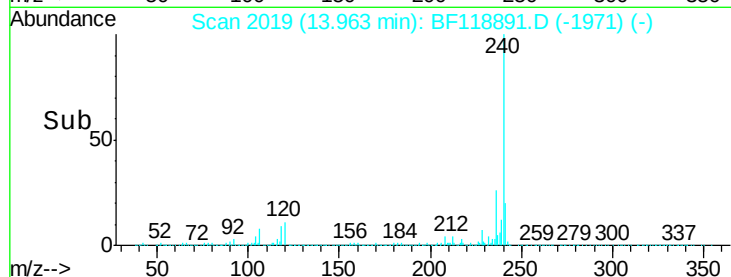
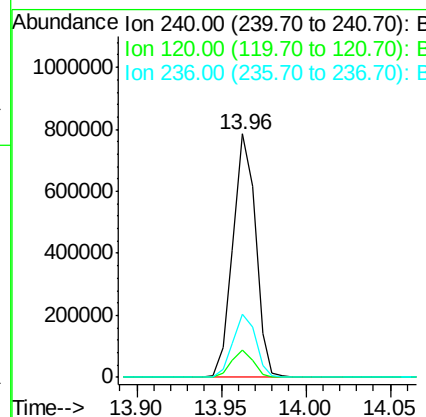
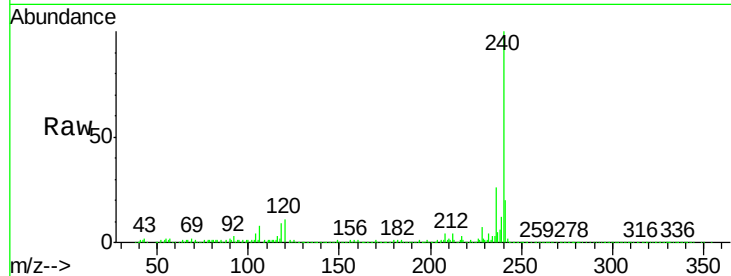
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BF118891.D
Acq: 11 Feb 2020 18:38

Instrument :
BNA_F
ClientSampled :
SP-2

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.4	14.0
236	26.0	21.0	31.6

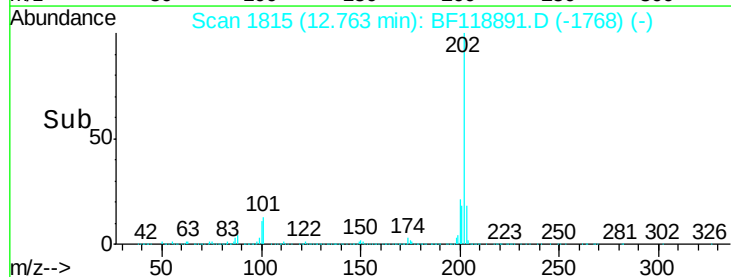
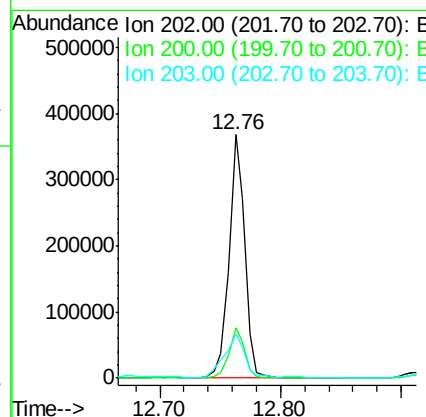
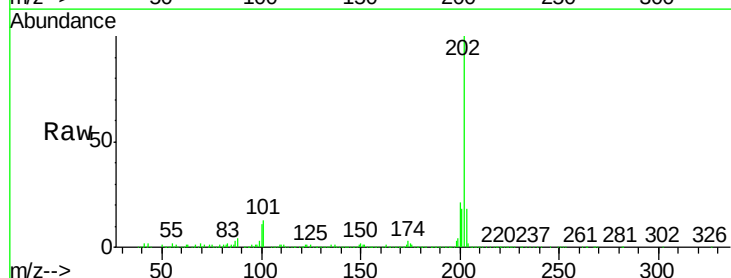
Manual Integrations
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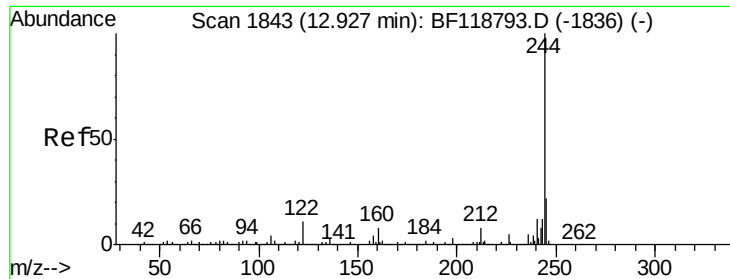
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#78
Pyrene
Concen: 6.507 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.02 min
Lab File: BF118891.D
Acq: 11 Feb 2020 18:38

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	18.2	27.2
203	17.9	14.8	22.2





#79
 Terphenyl-d14
 Concen: 65.433 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.02 min
 Lab File: BF118891.D
 Acq: 11 Feb 2020 18:38

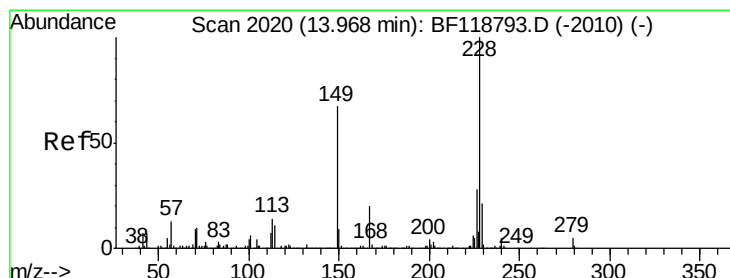
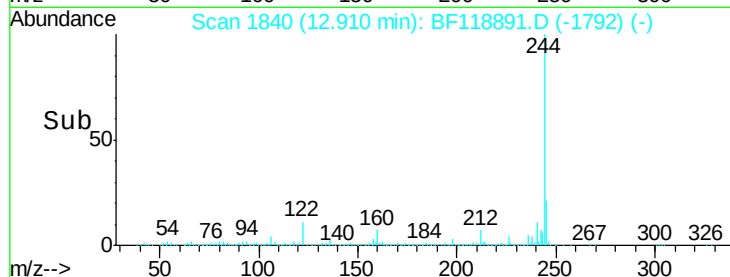
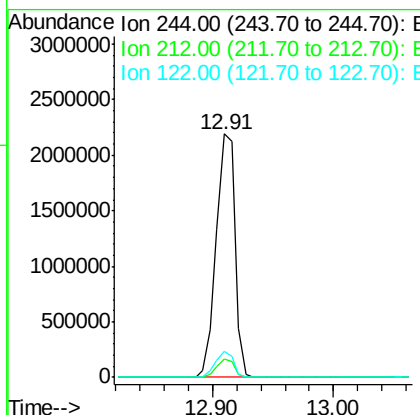
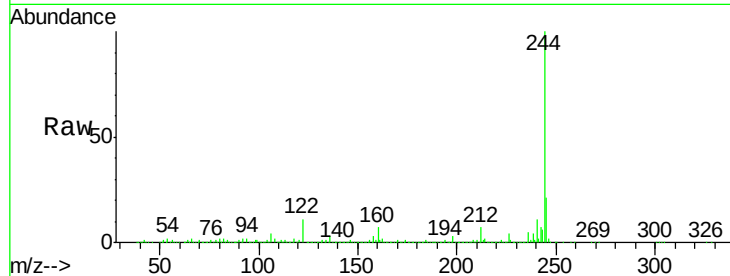
Instrument :
 BNA_F
 ClientSampled :
 SP-2

Tot Ion:244 Resp: 2338775

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.5	9.7
122	10.8	8.9	13.3

Manual Integrations
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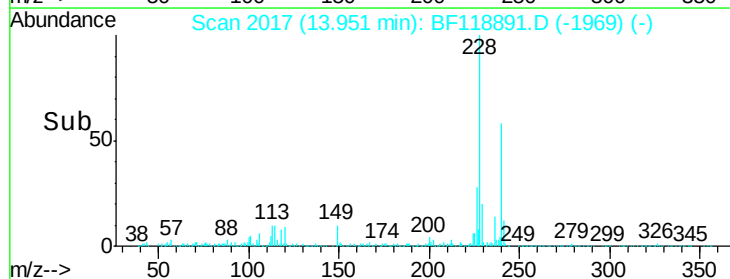
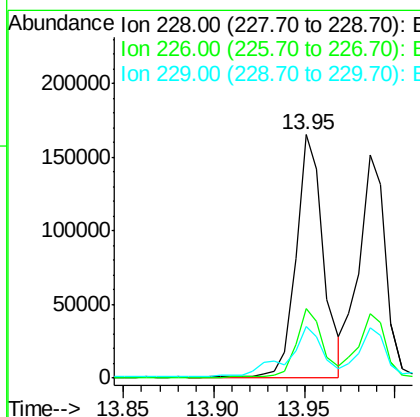
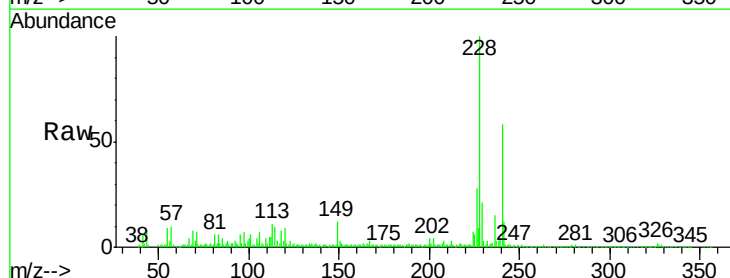
mohammad
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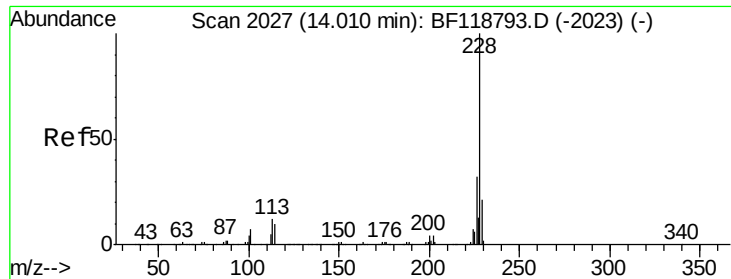


#81
 Benzo(a)anthracene
 Concen: 3.996 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.02 min
 Lab File: BF118891.D
 Acq: 11 Feb 2020 18:38

Tgt Ion:228 Resp: 174590

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.7	34.1
229	21.0	16.6	25.0





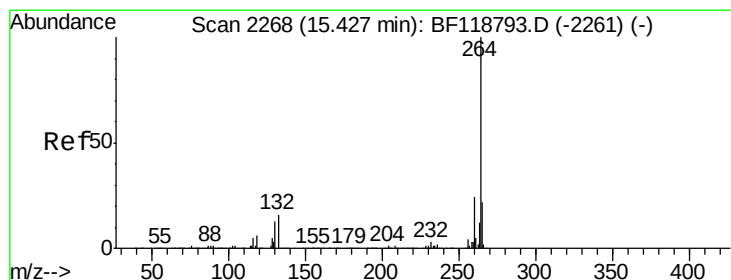
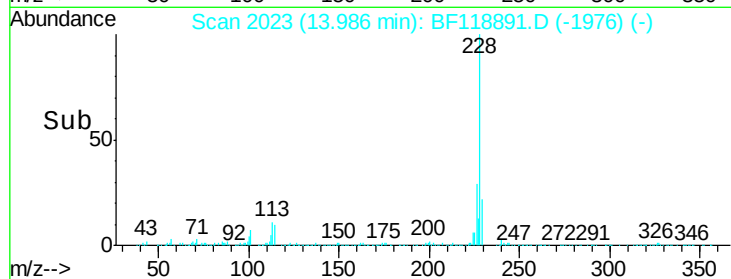
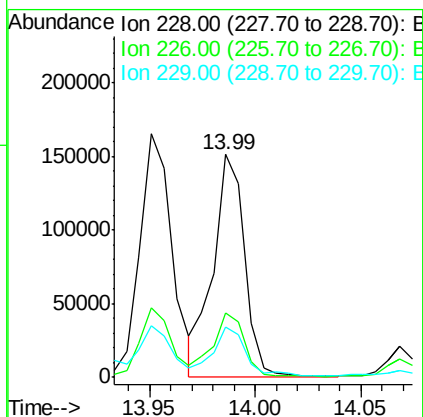
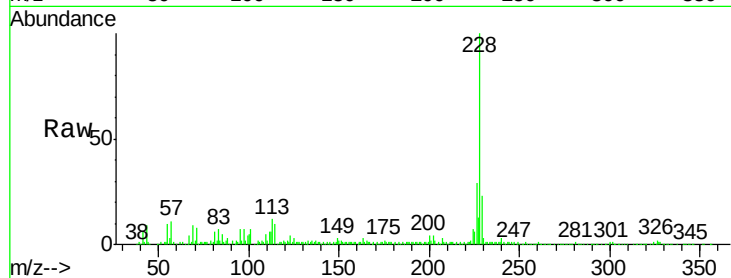
#83
Chrysene
Concen: 3.557 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.02 min
Lab File: BF118891.D
Acq: 11 Feb 2020 18:38

Instrument :
BNA_F
ClientSampleId :
SP-2

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	25.4	38.0
229	22.6	16.9	25.3

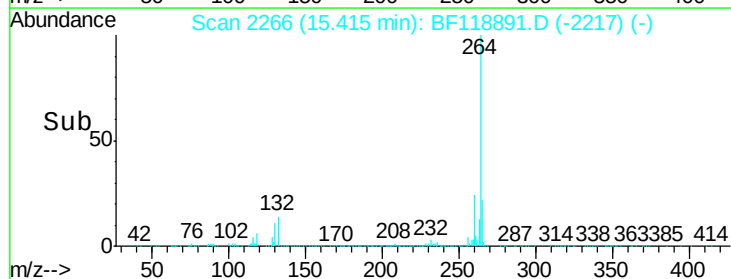
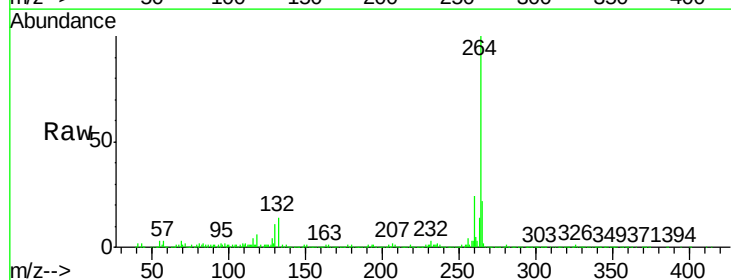
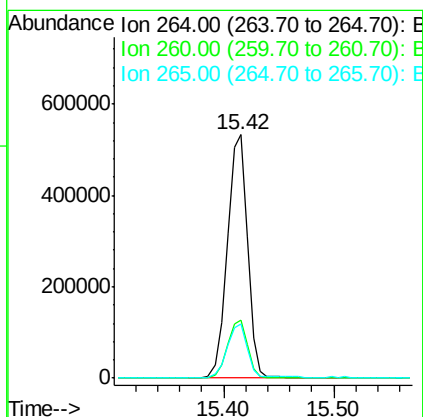
Manual Integrations
APPROVED

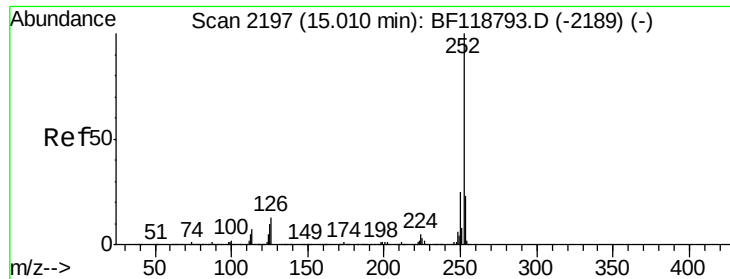
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF118891.D
Acq: 11 Feb 2020 18:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.1	28.7
265	22.2	17.2	25.8





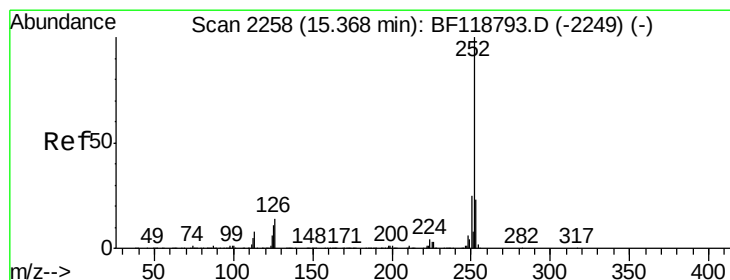
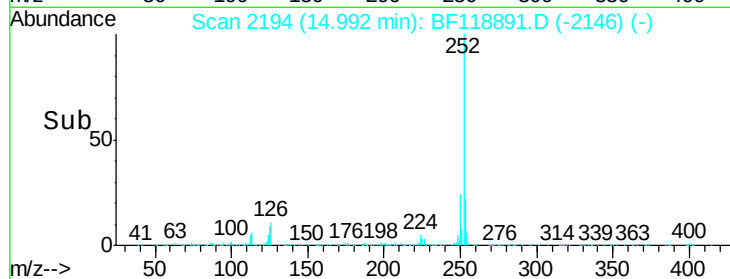
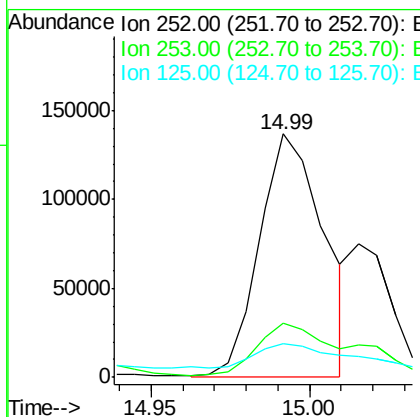
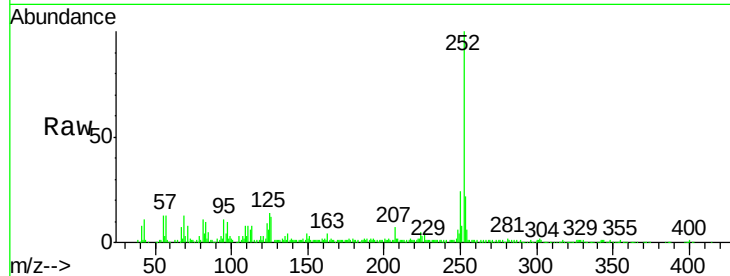
#88
Benzo(b)fluoranthene
Concen: 4.583 ng m
RT: 14.99 min Scan# 2194
Delta R.T. -0.02 min
Lab File: BF118891.D
Acq: 11 Feb 2020 18:38

Instrument :
BNA_F
ClientSampleId :
SP-2

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.4	18.4	27.6
125	13.8	8.1	12.1

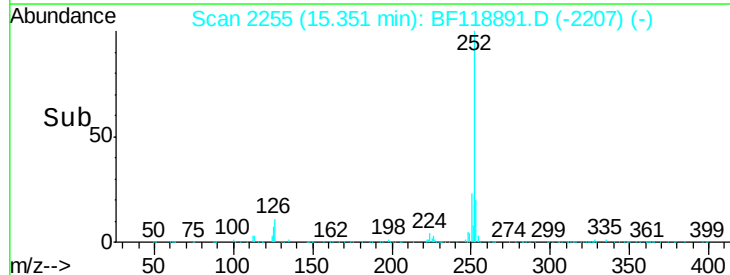
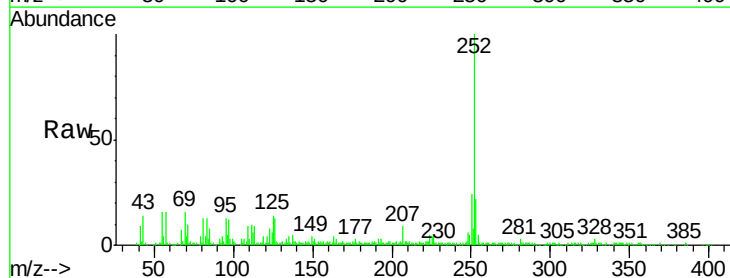
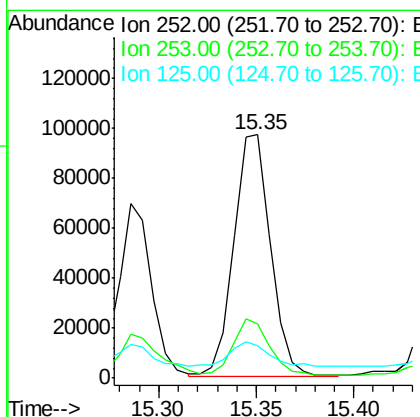
Manual Integrations
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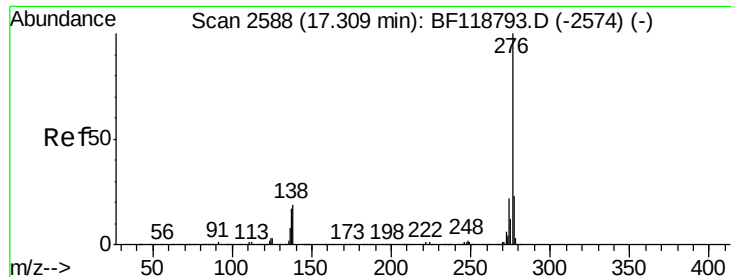
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#90
Benzo(a)pyrene
Concen: 3.493 ng
RT: 15.35 min Scan# 2255
Delta R.T. -0.02 min
Lab File: BF118891.D
Acq: 11 Feb 2020 18:38

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.2	18.1	27.1
125	13.5	8.7	13.1





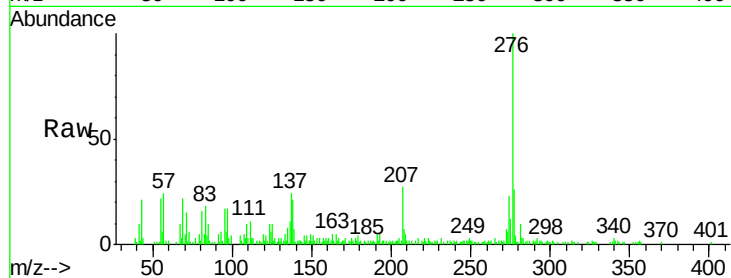
#92
 Benzo(a,h,i)perylene
 Concen: 2.250 ng
 RT: 17.27 min Scan# 2582
 Delta R.T. -0.04 min
 Lab File: BF118891.D
 Acq: 11 Feb 2020 18:38

Instrument :
 BNA_F
 ClientSampleId :
 SP-2

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.7	18.7	28.1
138	21.1	15.4	23.2

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

