

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060217\
 Data File : BF095665.D
 Acq On : 3 Jun 2017 9:09
 Operator : SJ/MA
 Sample : I3415-01 2X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-U6-SSW

Manual Integrations
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 6/6/2017 8:49:44 AM

Quant Time: Jun 05 07:12:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 18:51:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	89516	20.00	ng	0.00
21) Naphthalene-d8	9.57	136	338015	20.00	ng	0.00
38) Acenaphthene-d10	12.39	164	132890	20.00	ng	0.00
63) Phenanthrene-d10	14.80	188	203526	20.00	ng	0.00
75) Chrysene-d12	18.50	240	176254	20.00	ng	0.00
86) Perylene-d12	20.17	264	116266	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	257068	47.88	ng	0.02
7) Phenol-d6	7.09	99	393475	61.08	ng	0.00
23) Nitrobenzene-d5	8.45	82	216886	40.46	ng	-0.01
41) 2,4,6-Tribromophenol	13.70	330	28868	26.53	ng	0.00
44) 2-Fluorobiphenyl	11.35	172	392012	42.46	ng	0.00
78) Terphenyl-d14	17.14	244	243366	30.41	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.12	94	25106	3.70	ng	# 72
31) Naphthalene	9.60	128	34337	2.02	ng	98
49) Dimethylphthalate	12.04	163	155520	14.26	ng	98
70) Phenanthrene	14.83	178	193994	16.59	ng	96
71) Anthracene	14.93	178	51186	4.29	ng	94
72) Carbazole	15.23	167	24146	2.22	ng	95
73) Di-n-butylphthalate	15.78	149	39717	2.93	ng	98
74) Fluoranthene	16.60	202	359971	30.01	ng	99
77) Pyrene	16.90	202	327120	24.82	ng	96
80) Benzo(a)anthracene	18.49	228	132517	12.92	ng	98
82) Chrysene	18.53	228	119851	12.08	ng	97
83) Bis(2-ethylhexyl)phthalate	18.56	149	30607	3.50	ng	# 99
85) Indeno(1,2,3-cd)pyrene	21.43	276	43369	5.38	ng	95
87) Benzo(b)fluoranthene	19.77	252	119470	16.63	ng	# 96
88) Benzo(k)fluoranthene	19.80	252	41125m	5.93	ng	
89) Benzo(a)pyrene	20.12	252	81689	12.32	ng	98
91) Benzo(a,h,i)perylene	21.79	276	41755	7.77	ng	# 93

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

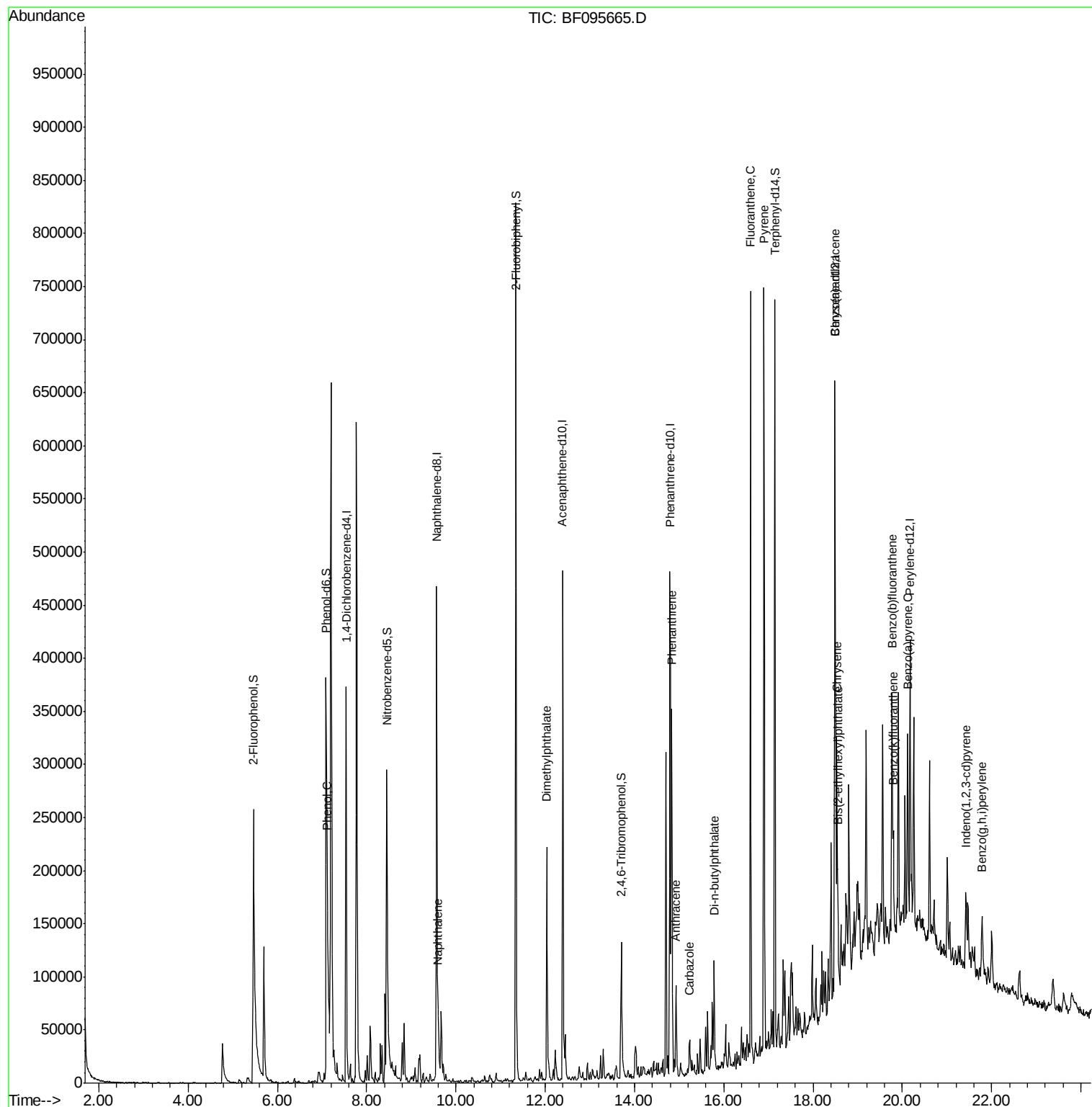
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060217\
Data File : BF095665.D
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ALS Vial : 33 Sample Multiplier: 1

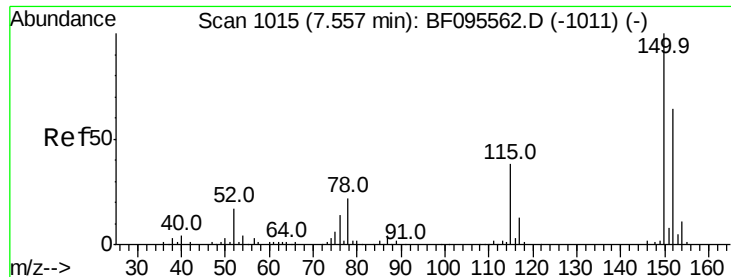
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

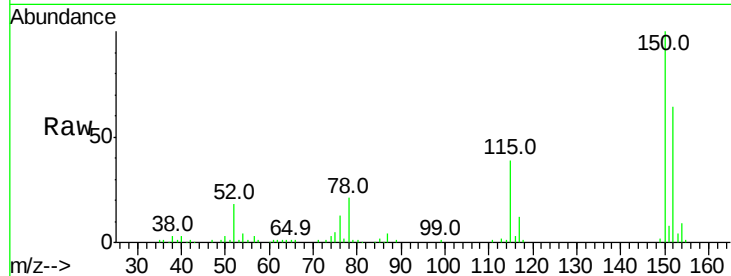
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.54 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF095665.D
Acq: 3 Jun 2017 9:09

Instrument :
BNA_F
ClientSampleId :
E2-U6-SSW

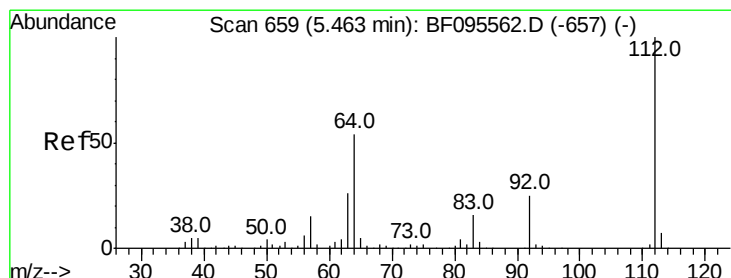
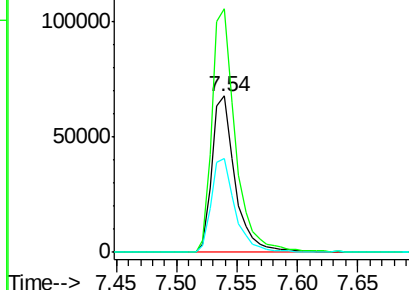
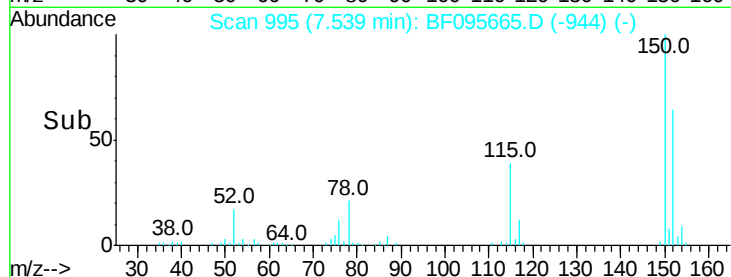
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	126.2	189.2
115	60.0	52.2	78.2

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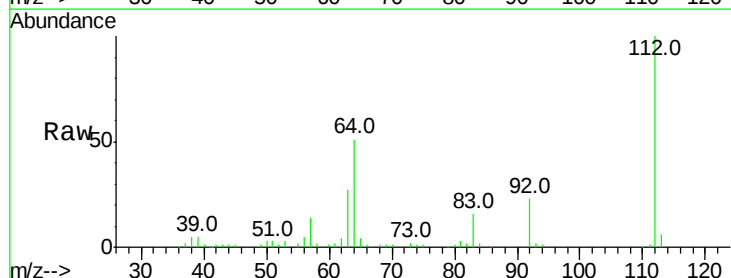
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



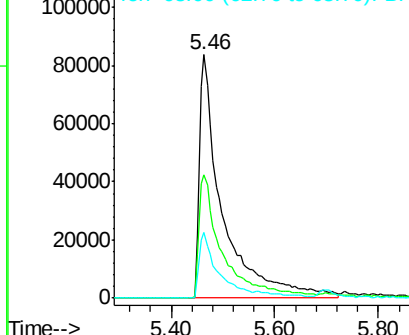
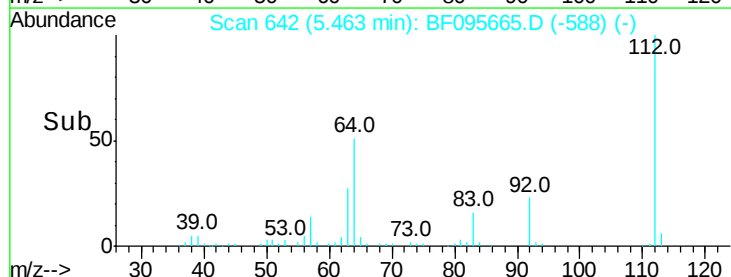
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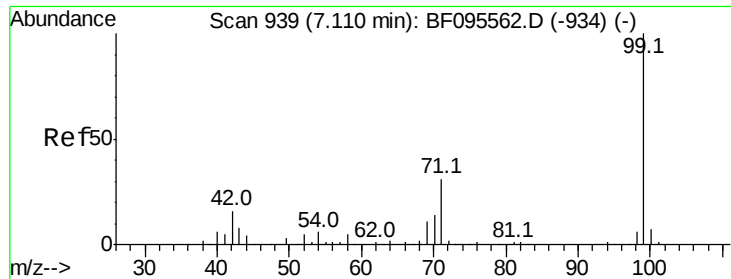
2-Fluorophenol
Concen: 47.88 ng
RT: 5.46 min Scan# 642
Delta R.T. 0.02 min
Lab File: BF095665.D
Acq: 3 Jun 2017 9:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.7	46.0	69.0
63	26.9	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 61.08 ng

RT: 7.09 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF095665.D

Acq: 3 Jun 2017 9:09

Instrument :

BNA_F

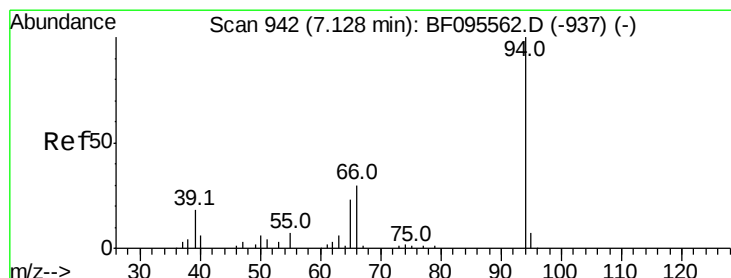
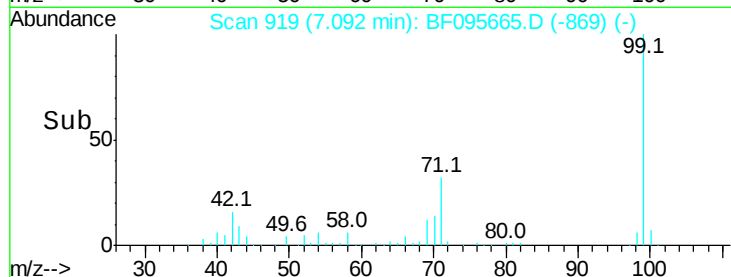
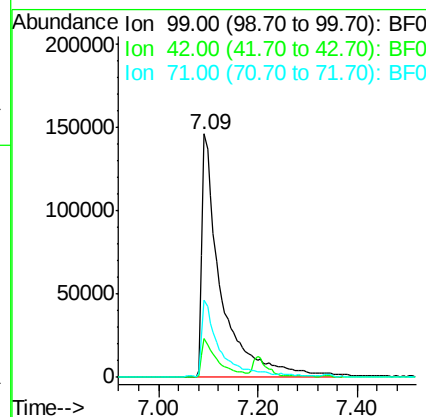
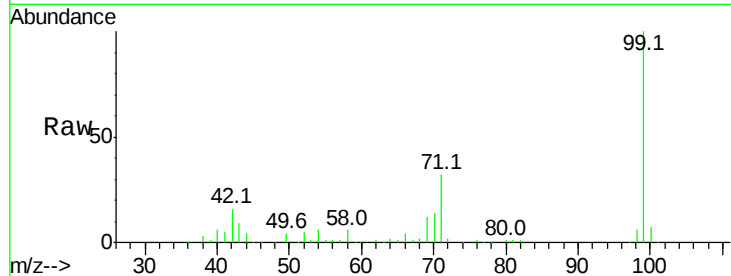
ClientSampleId :

E2-U6-SSW

Tot Ion:	99	Resp:	393475
Ion Ratio	Lower	Upper	
99	100		
42	15.7	13.5	20.3
71	31.8	24.5	36.7

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#10

Phenol

Concen: 3.70 ng

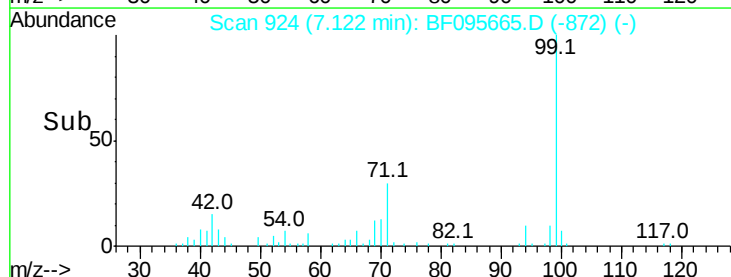
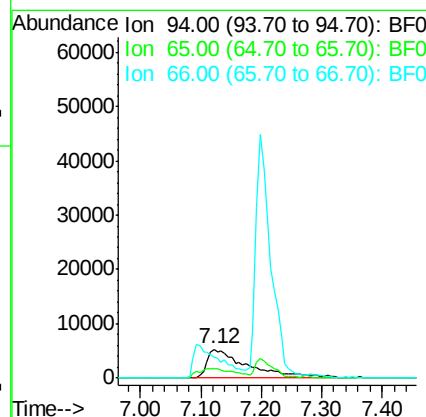
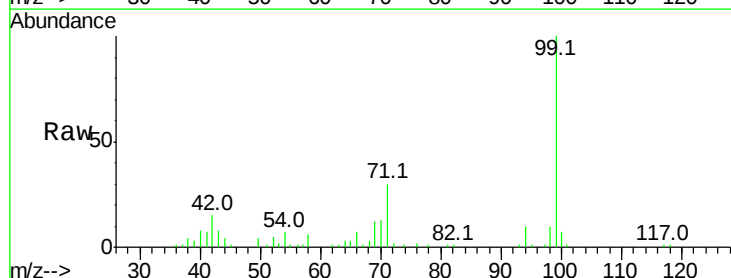
RT: 7.12 min Scan# 924

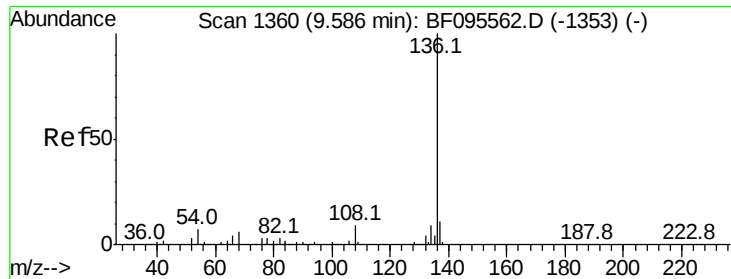
Delta R.T. 0.01 min

Lab File: BF095665.D

Acq: 3 Jun 2017 9:09

Tgt Ion:	94	Resp:	25106
Ion Ratio	Lower	Upper	
94	100		
65	30.7	9.9	49.9
66	72.9	23.1	63.1#





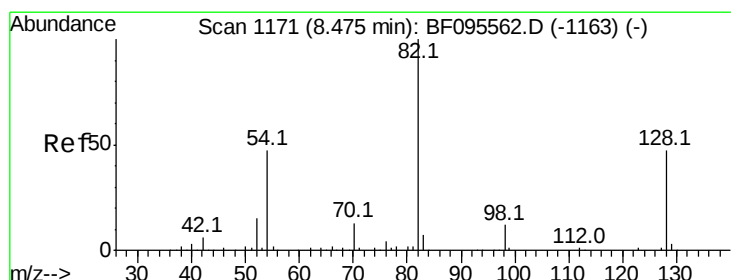
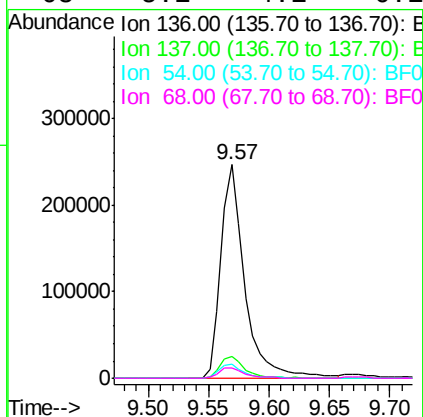
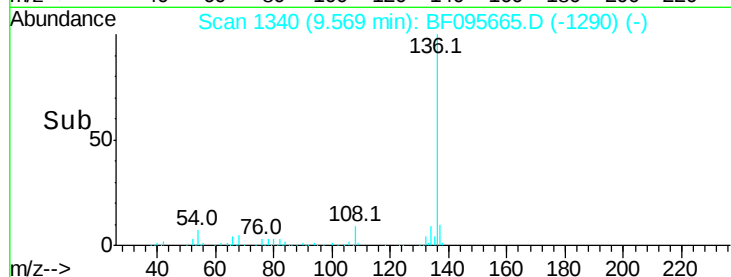
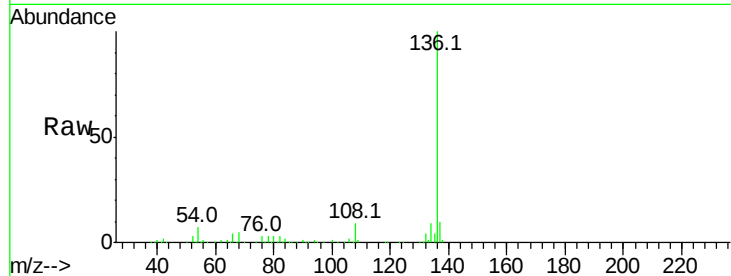
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.57 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF095665.D
Acq: 3 Jun 2017 9:09

Instrument :
BNA_F
ClientSampleId :
E2-U6-SSW

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.4	8.5	12.7
54	6.7	4.9	7.3
68	5.1	4.1	6.1

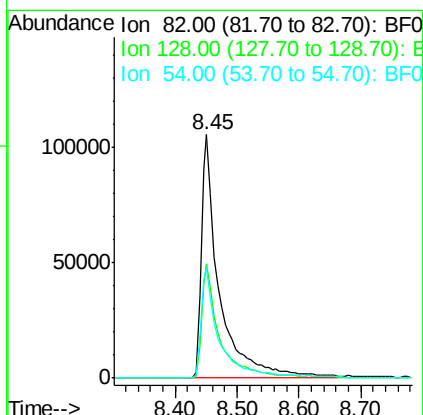
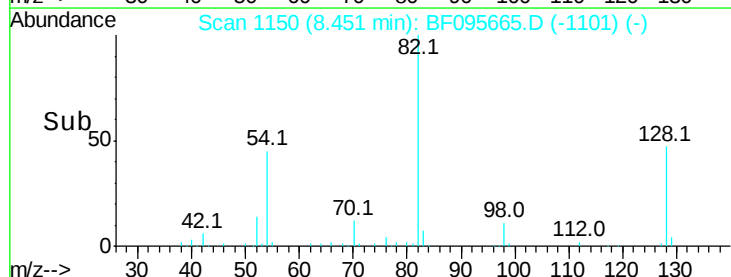
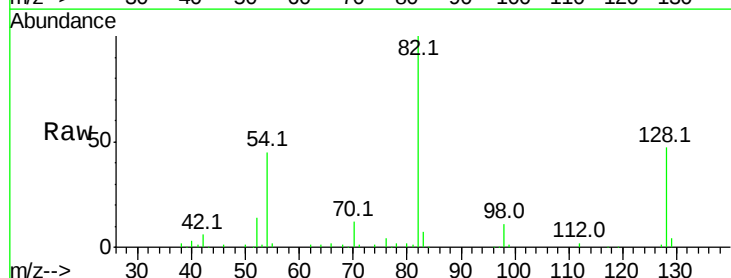
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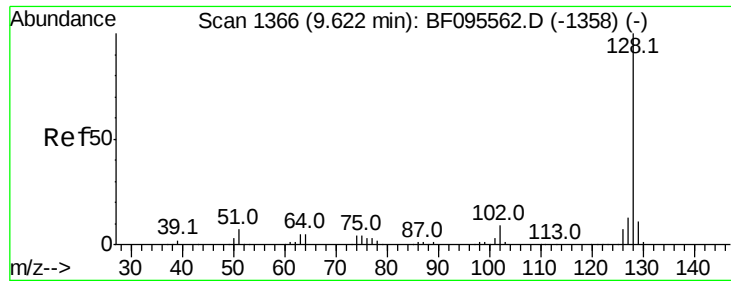
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#23
Nitrobenzene-d5
Concen: 40.46 ng
RT: 8.45 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF095665.D
Acq: 3 Jun 2017 9:09

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	46.9	34.0	51.0
54	45.2	42.2	63.2





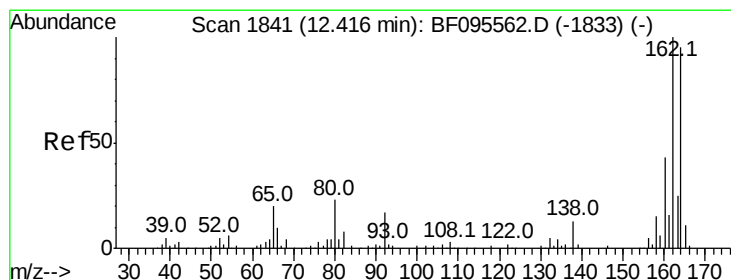
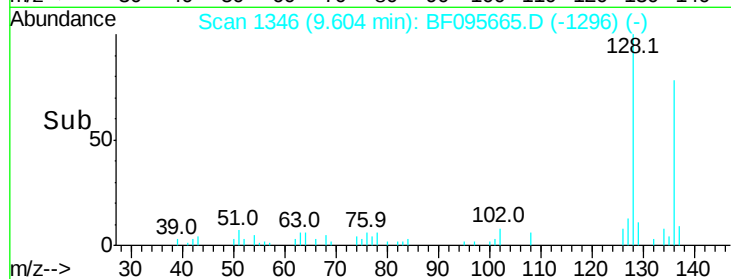
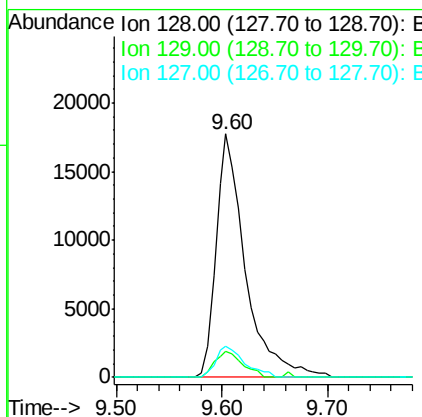
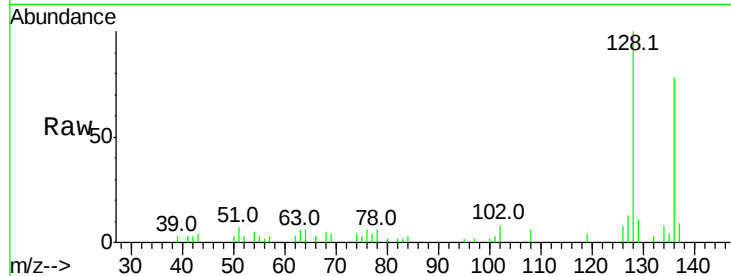
#31
Naphthalene
Concen: 2.02 ng
RT: 9.60 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF095665.D
Acq: 3 Jun 2017 9:09

Instrument :
BNA_F
ClientSampleId :
E2-U6-SSW

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.0	13.6
127	12.9	10.8	16.2

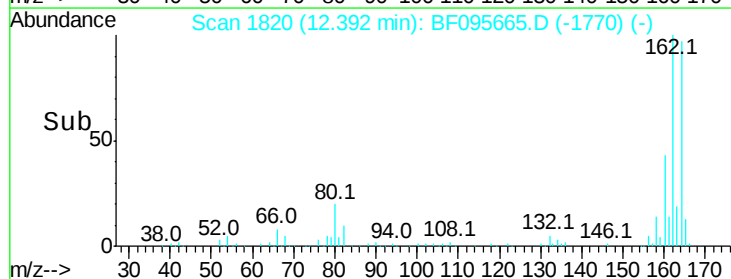
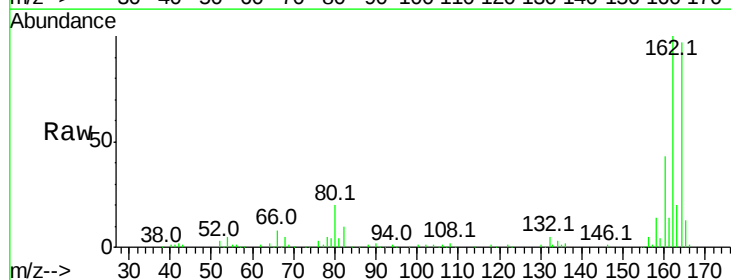
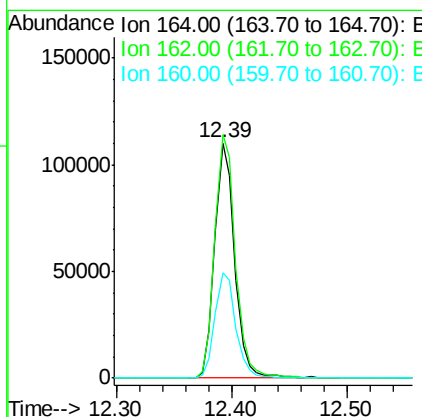
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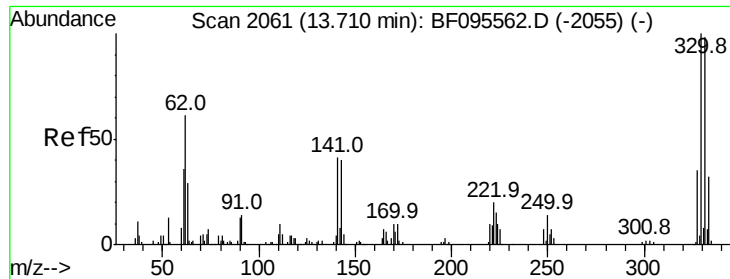
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.39 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF095665.D
Acq: 3 Jun 2017 9:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.6	123.8
160	45.0	36.2	54.2





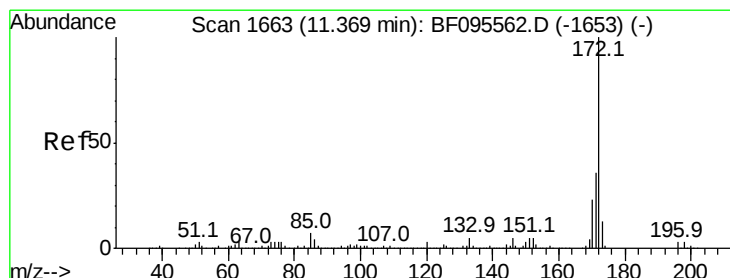
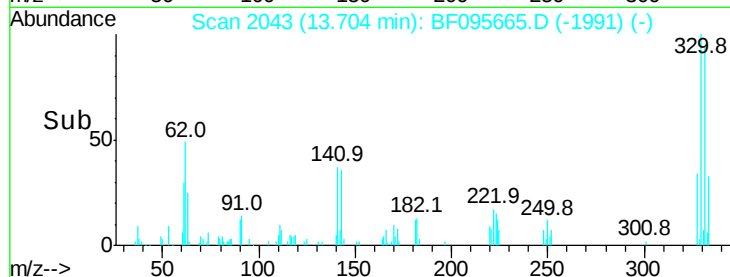
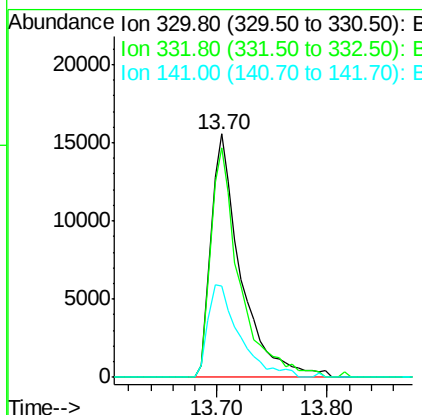
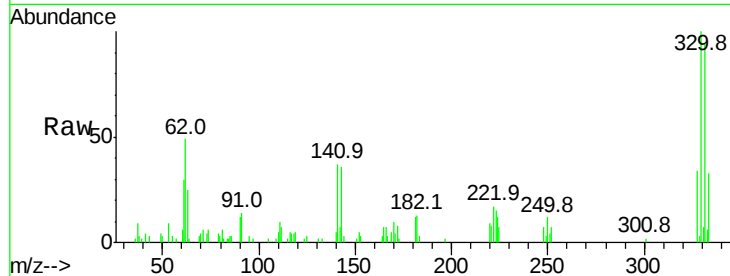
#41
 2,4,6-Tribromophenol
 Concen: 26.53 ng
 RT: 13.70 min Scan# 2043
 Delta R.T. 0.01 min
 Lab File: BF095665.D
 Acq: 3 Jun 2017 9:09

Instrument :
 BNA_F
 ClientSampleId :
 E2-U6-SSW

Tot Ion	Ratio	Resp	Lower	Upper
330	100	28868		
332	91.4	76.6	115.0	
141	40.1	31.4	47.2	

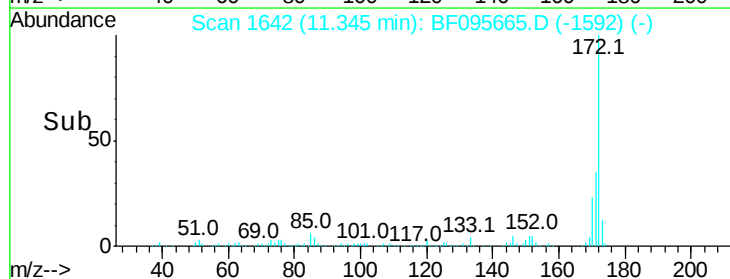
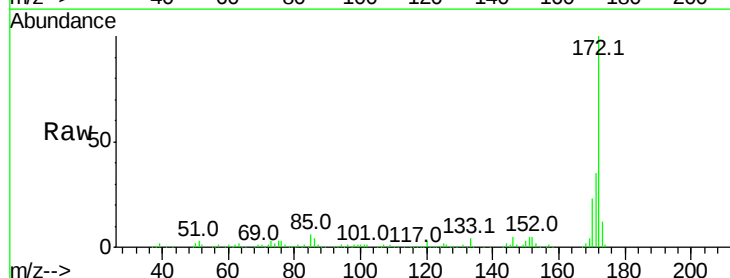
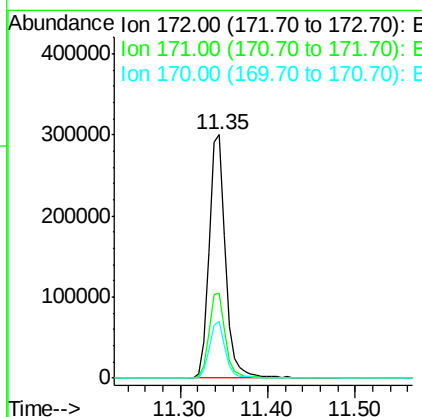
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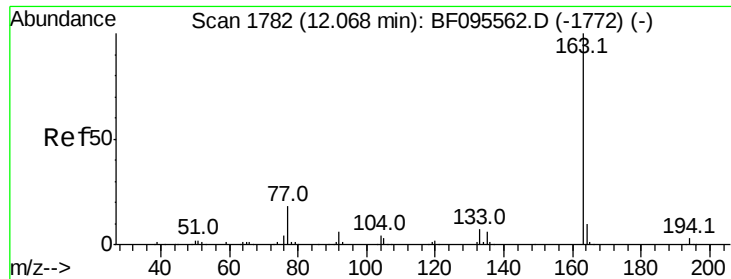
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#44
 2-Fluorobiphenyl
 Concen: 42.46 ng
 RT: 11.35 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BF095665.D
 Acq: 3 Jun 2017 9:09

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	392012		
171	34.7	29.6	44.4	
170	23.3	19.8	29.8	





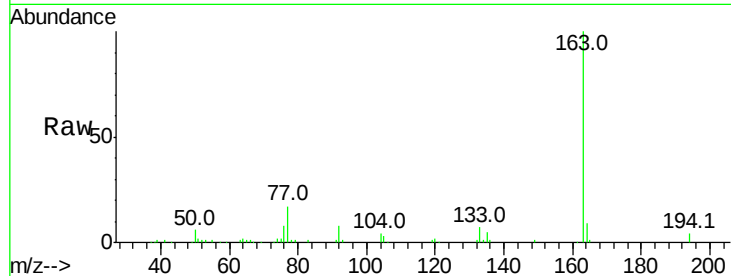
#49
Dimethylphthalate
Concen: 14.26 ng
RT: 12.04 min Scan# 1760
Delta R.T. -0.02 min
Lab File: BF095665.D
Acq: 3 Jun 2017 9:09

Instrument :
BNA_F
ClientSampleId :
E2-U6-SSW

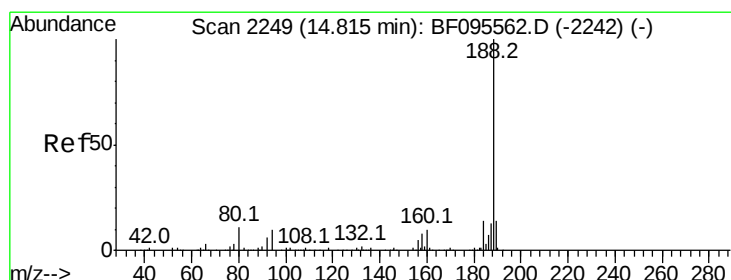
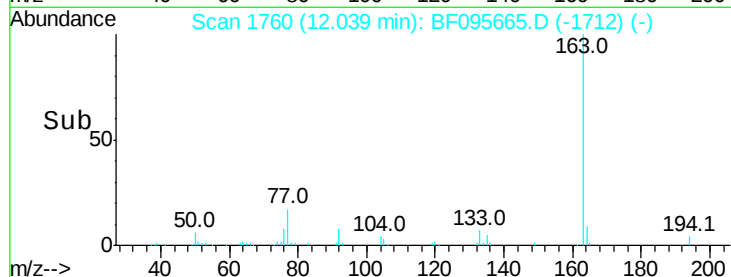
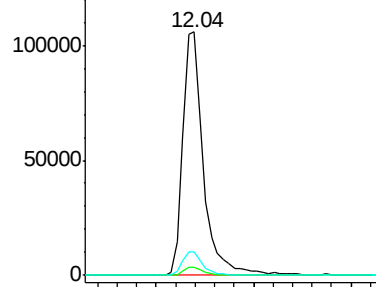
Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.5	2.6	4.0
164	9.4	8.4	12.6

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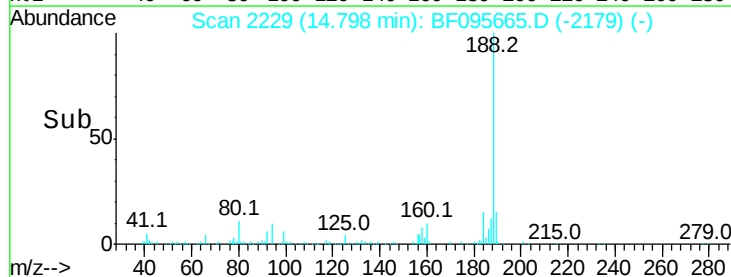
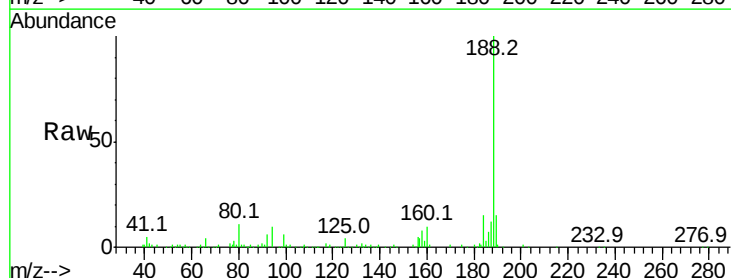
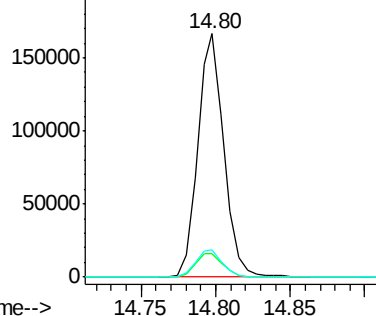
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

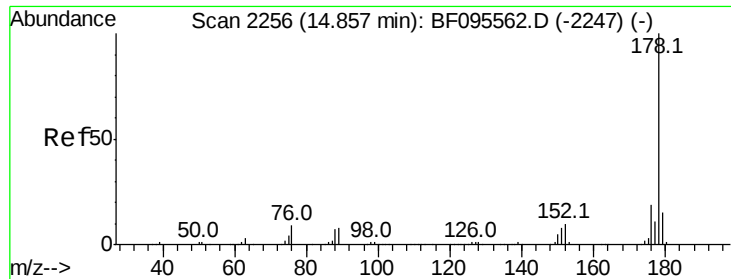


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF095665.D
Acq: 3 Jun 2017 9:09

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	9.8	9.4	14.2
80	11.0	10.2	15.2

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





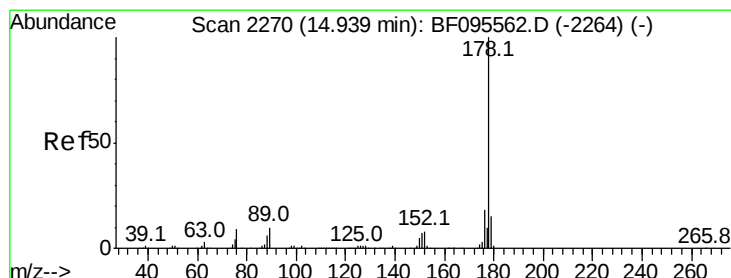
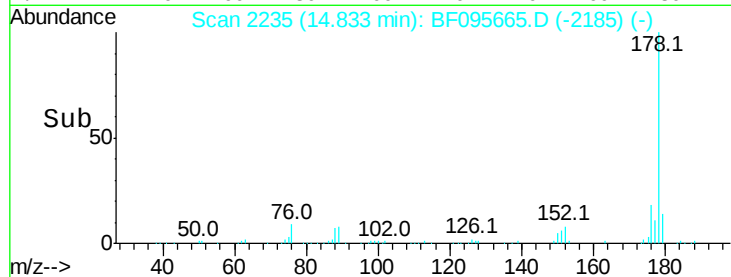
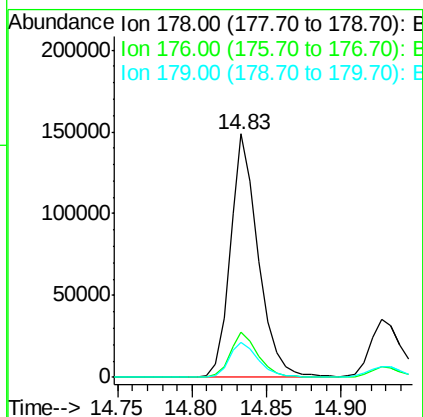
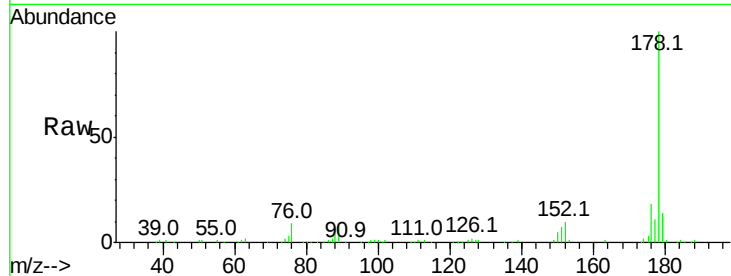
#70
Phenanthrene
Concen: 16.59 ng
RT: 14.83 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF095665.D
Acq: 3 Jun 2017 9:09

Instrument :
BNA_F
ClientSampleId :
E2-U6-SSW

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	16.2	24.4
179	14.3	12.6	19.0

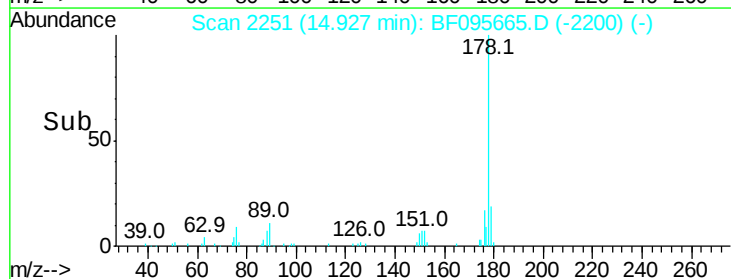
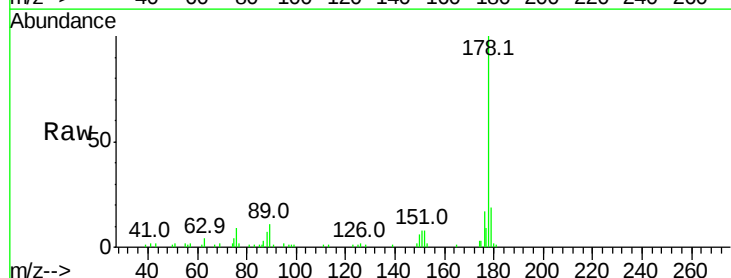
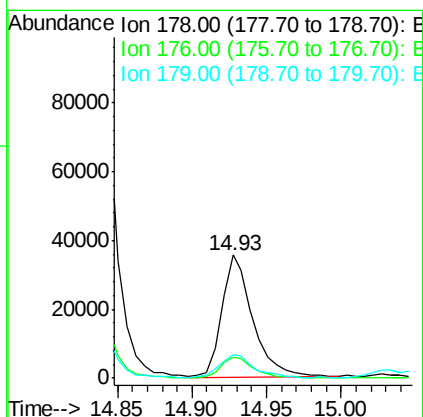
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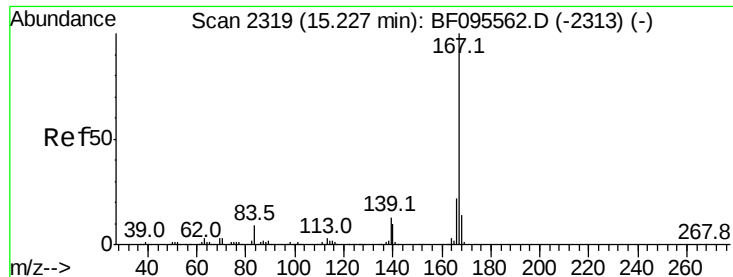
mohammad
6/6/2017 8:49:44 AM



#71
Anthracene
Concen: 4.29 ng
RT: 14.93 min Scan# 2251
Delta R.T. 0.00 min
Lab File: BF095665.D
Acq: 3 Jun 2017 9:09

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.4	15.8	23.8
179	18.6	12.7	19.1





#72

Carbazole

Concen: 2.22 ng

RT: 15.23 min Scan# 2303

Delta R.T. 0.02 min

Lab File: BF095665.D

Acq: 3 Jun 2017 9:09

Instrument :

BNA_F

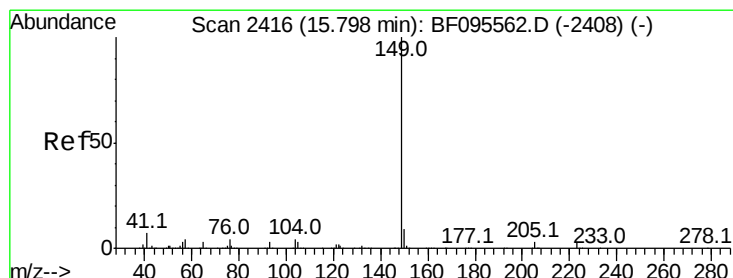
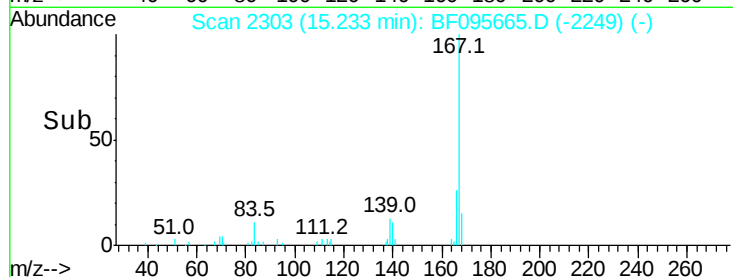
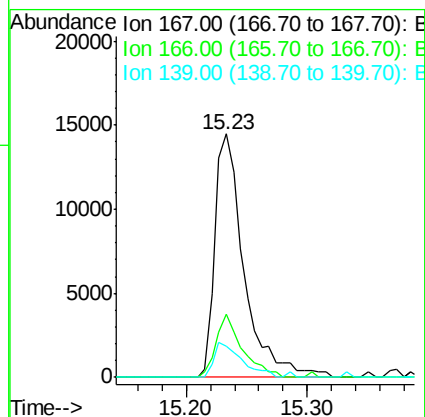
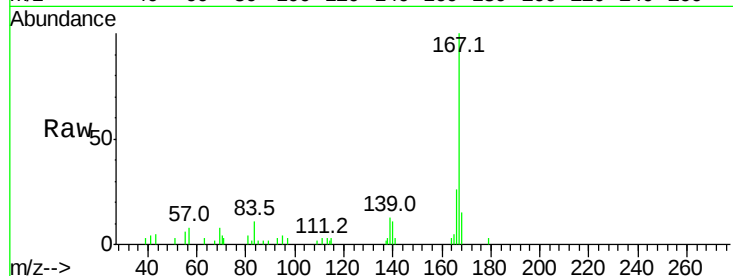
ClientSampleId :

E2-U6-SSW

Tot Ion:	167	Resp:	24146
Ion Ratio	Lower	Upper	
167	100		
166	25.7	18.1	27.1
139	12.9	11.7	17.5

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#73

Di-n-butylphthalate

Concen: 2.93 ng

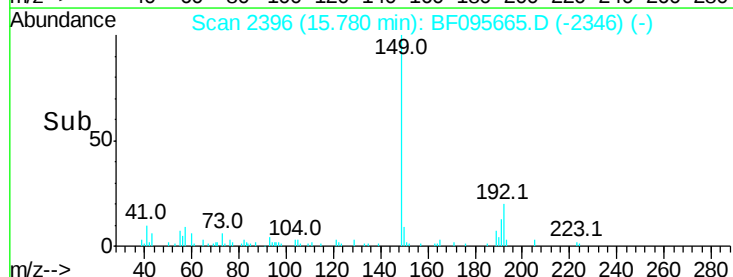
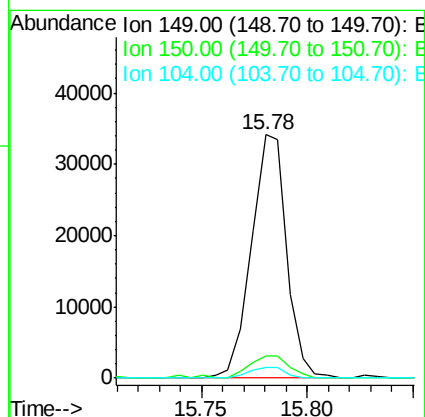
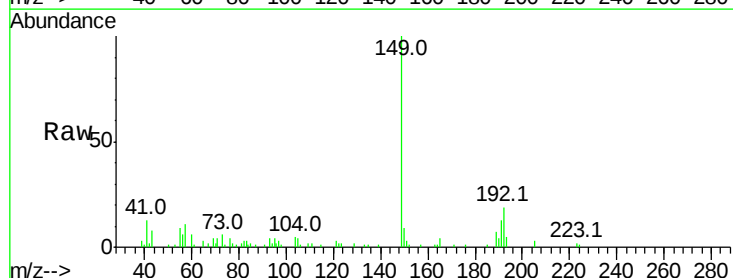
RT: 15.78 min Scan# 2396

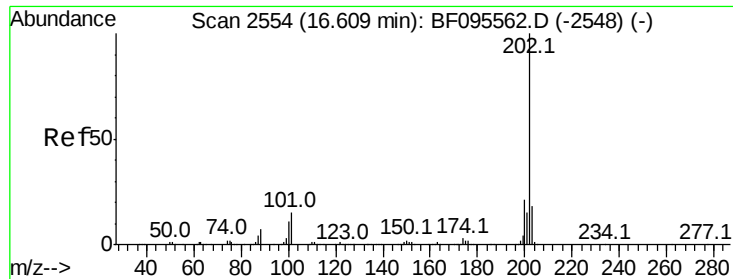
Delta R.T. -0.01 min

Lab File: BF095665.D

Acq: 3 Jun 2017 9:09

Tgt Ion:	149	Resp:	39717
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.7	11.5
104	4.6	4.0	6.0





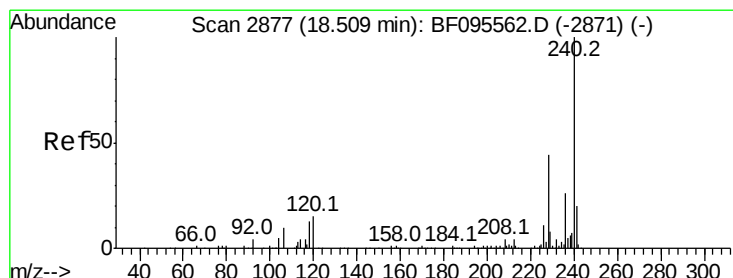
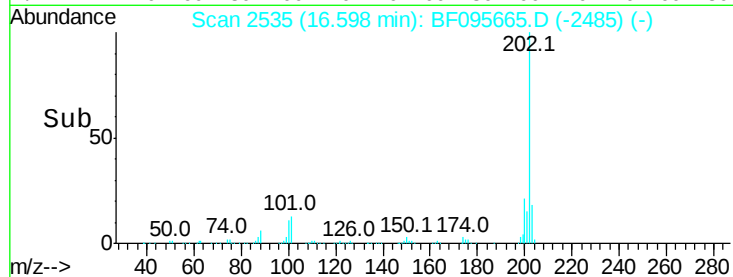
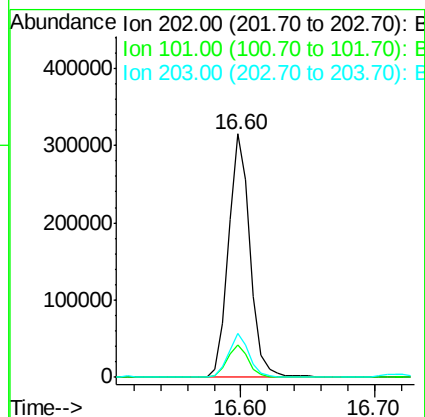
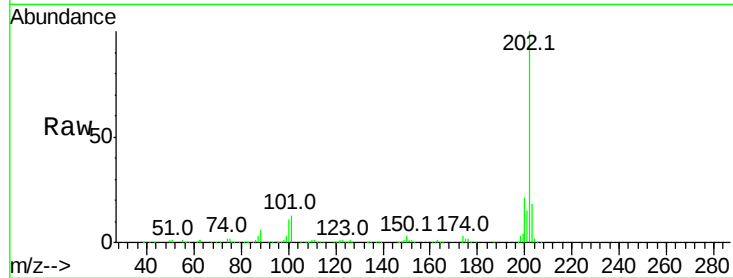
#74
Fluoranthene
Concen: 30.01 ng
RT: 16.60 min Scan# 2535
Delta R.T. -0.01 min
Lab File: BF095665.D
Acq: 3 Jun 2017 9:09

Instrument :
BNA_F
ClientSampleId :
E2-U6-SSW

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.5	0.0	33.2
203	17.9	0.0	38.1

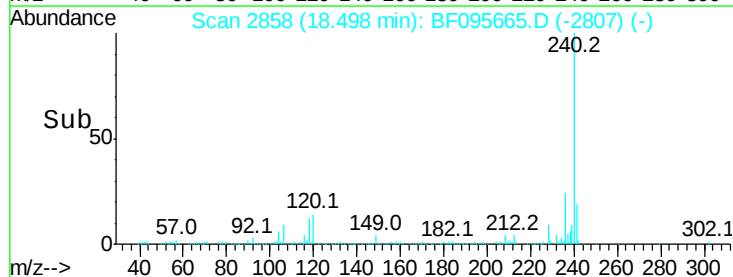
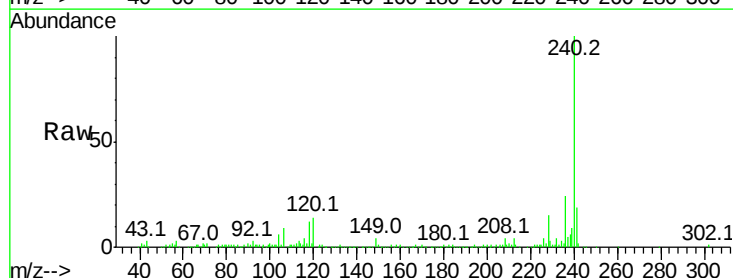
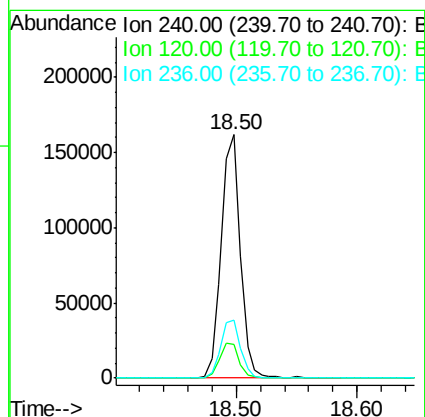
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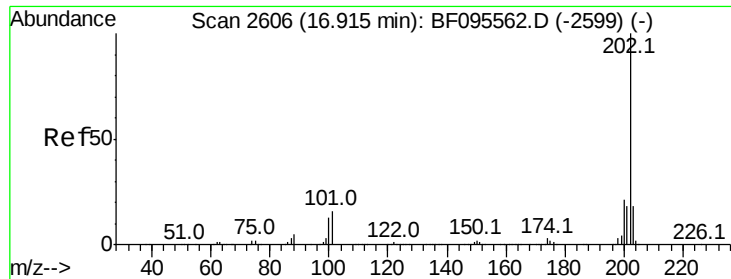
mohammad
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.50 min Scan# 2858
Delta R.T. 0.00 min
Lab File: BF095665.D
Acq: 3 Jun 2017 9:09

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.7	5.8	8.8#
236	23.7	20.5	30.7





#77

Pvrene

Concen: 24.82 ng

RT: 16.90 min Scan# 2587

Delta R.T. 0.00 min

Lab File: BF095665.D

Acq: 3 Jun 2017 9:09

Instrument :

BNA_F

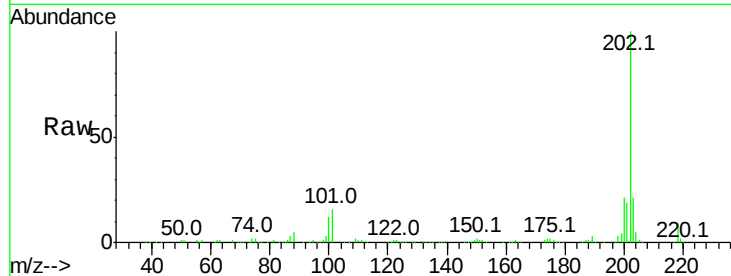
ClientSampleId :

E2-U6-SSW

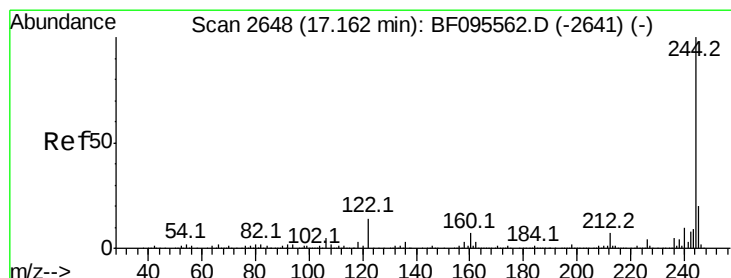
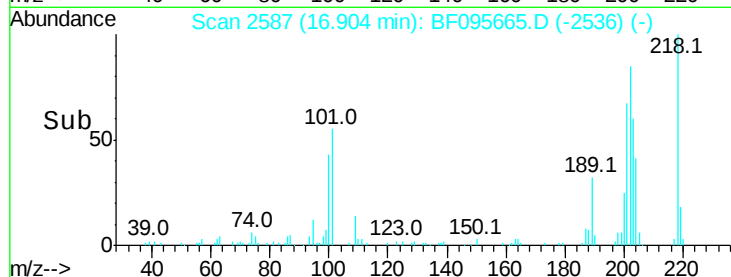
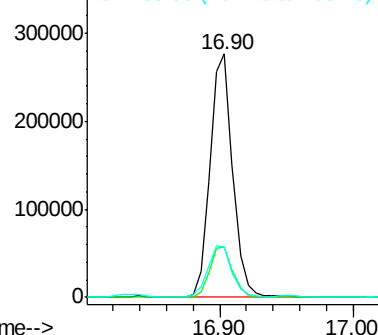
Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.8	17.6	26.4
203	20.8	14.4	21.6

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 30.41 ng

RT: 17.14 min Scan# 2628

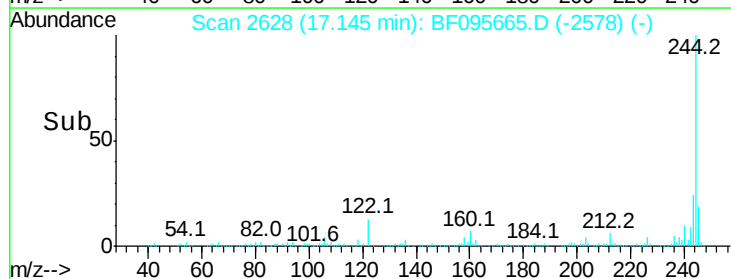
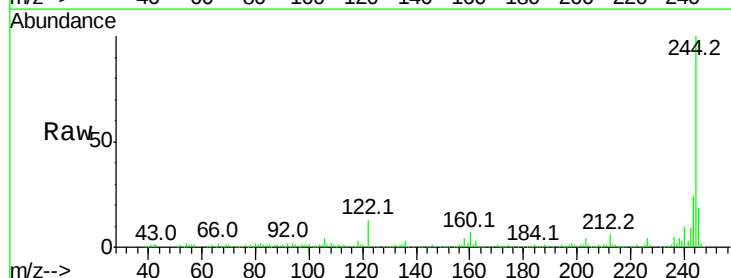
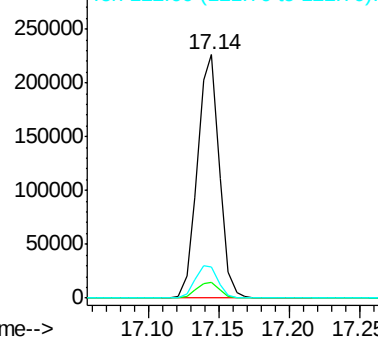
Delta R.T. -0.01 min

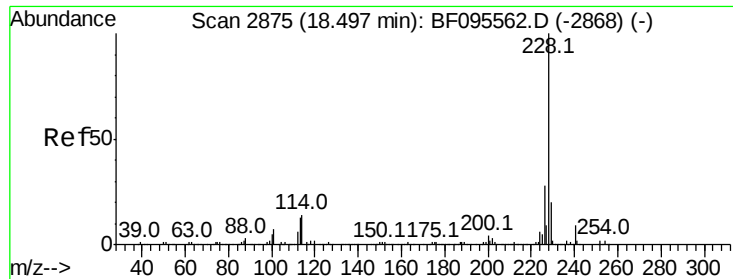
Lab File: BF095665.D

Acq: 3 Jun 2017 9:09

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.3	6.0	9.0
122	12.9	10.3	15.5

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





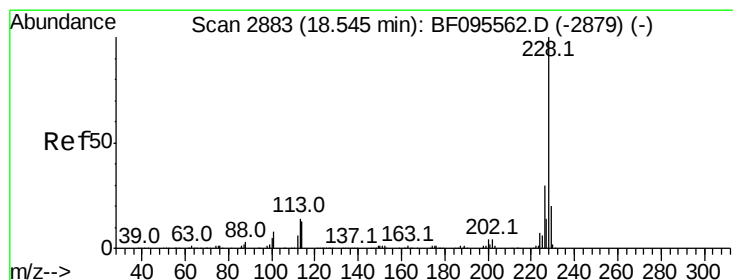
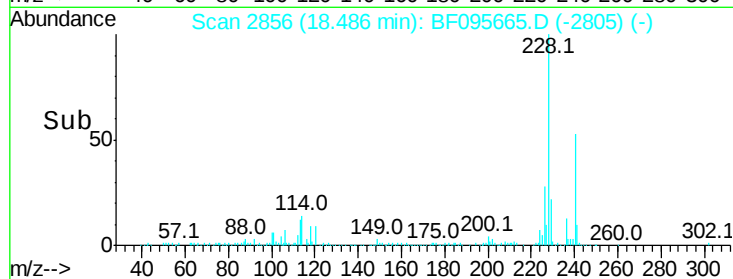
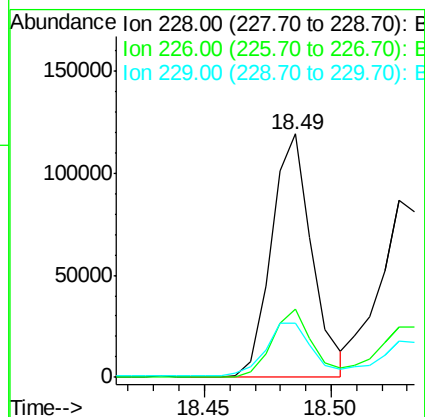
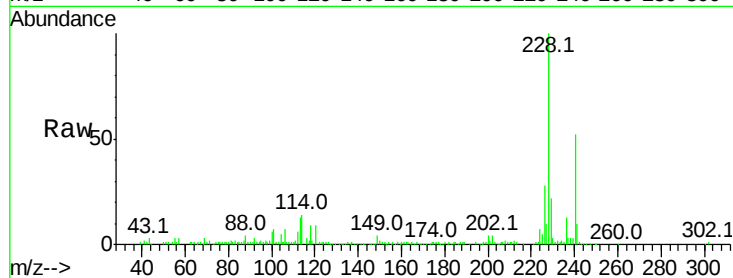
#80
Benzo(a)anthracene
Concen: 12.92 ng
RT: 18.49 min Scan# 2856
Delta R.T. 0.00 min
Lab File: BF095665.D
Acq: 3 Jun 2017 9:09

Instrument :
BNA_F
ClientSampleId :
E2-U6-SSW

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	22.3	16.3	24.5

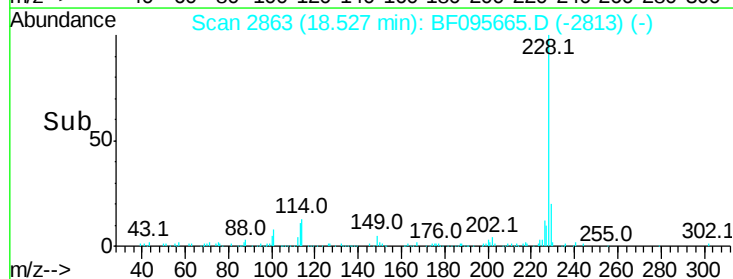
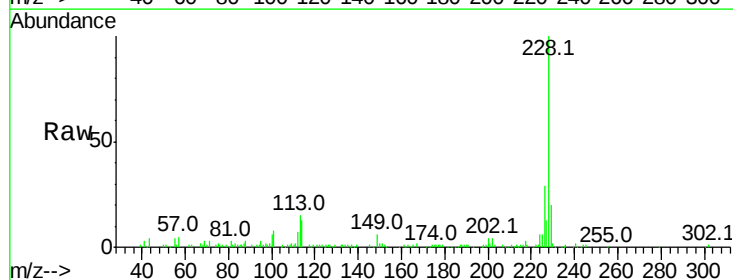
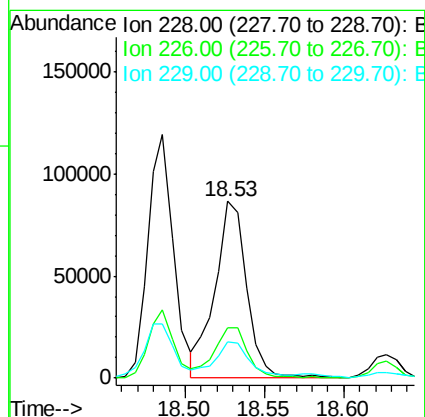
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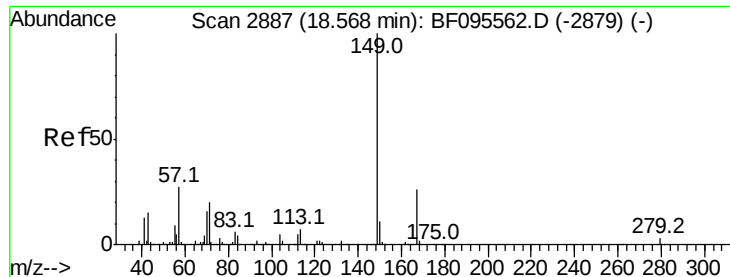
mohammad
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#82
Chrysene
Concen: 12.08 ng
RT: 18.53 min Scan# 2863
Delta R.T. -0.01 min
Lab File: BF095665.D
Acq: 3 Jun 2017 9:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.9	37.3
229	20.4	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.50 ng

RT: 18.56 min Scan# 2868

Delta R.T. 0.00 min

Lab File: BF095665.D

Acq: 3 Jun 2017 9:09

Instrument :

BNA_F

ClientSampleId :

E2-U6-SSW

Tot Ion:149 Resp: 30607
Ion Ratio Lower Upper

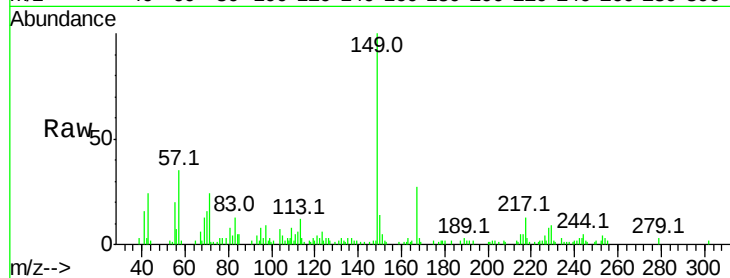
149 100

167 26.6 21.0 31.4

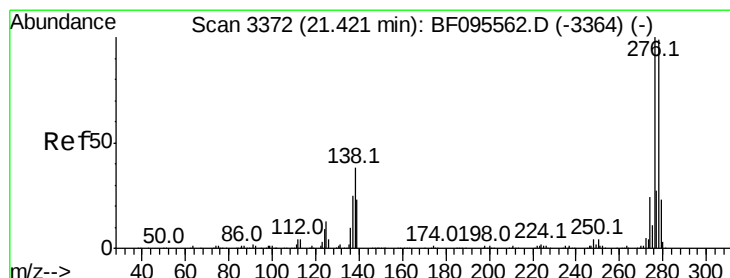
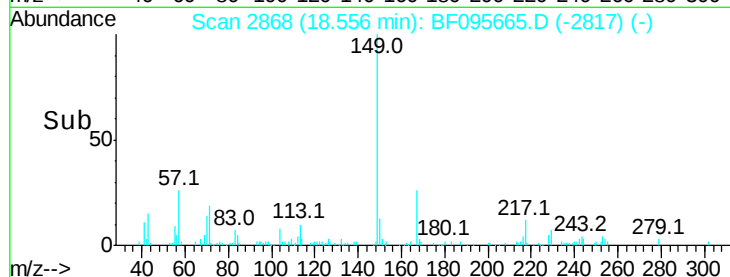
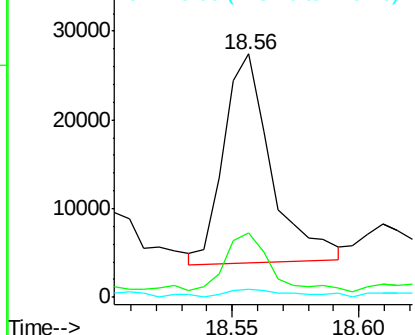
279 3.2 1.9 2.9#

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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



#85

Indeno(1,2,3-cd)pyrene

Concen: 5.38 ng

RT: 21.43 min Scan# 3356

Delta R.T. 0.02 min

Lab File: BF095665.D

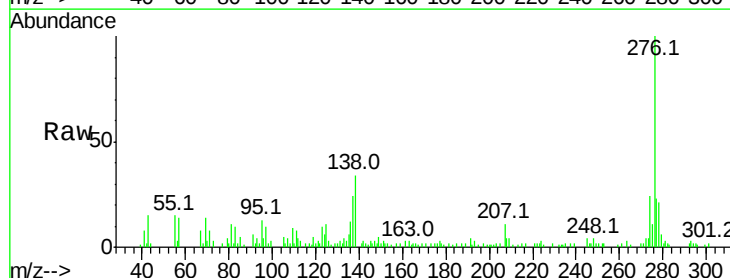
Acq: 3 Jun 2017 9:09

Tgt Ion:276 Resp: 43369
Ion Ratio Lower Upper

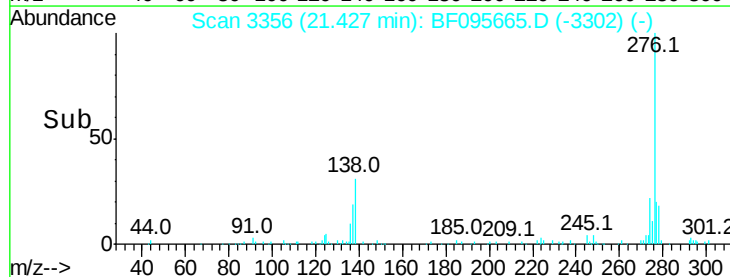
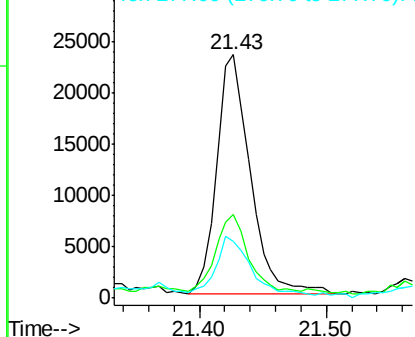
276 100

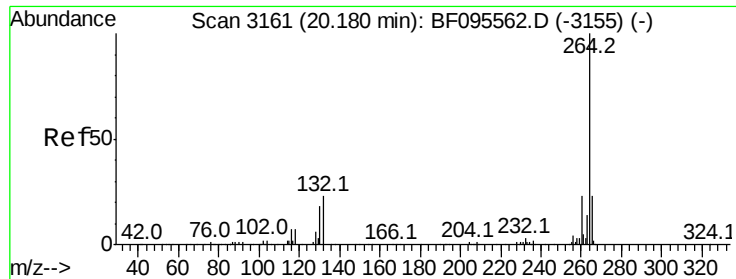
138 30.1 27.8 41.6

277 24.6 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





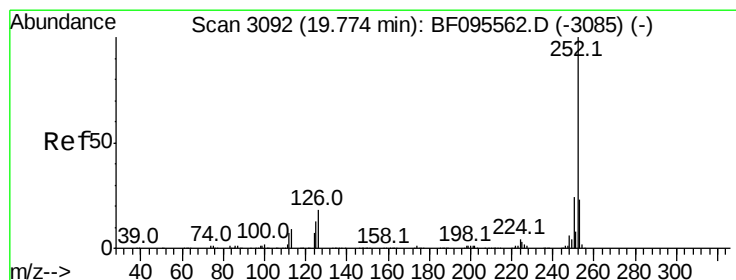
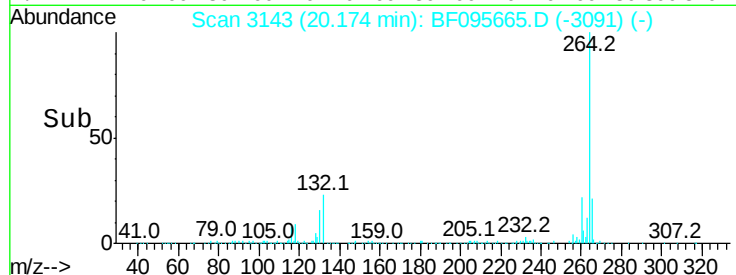
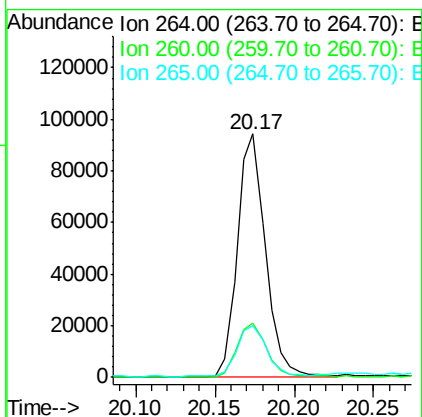
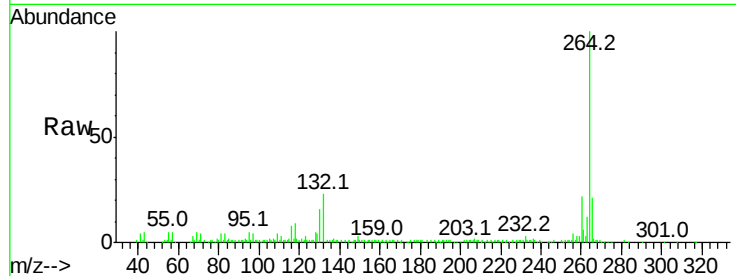
#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.17 min Scan# 3143
Delta R.T. 0.01 min
Lab File: BF095665.D
Acq: 3 Jun 2017 9:09

Instrument :
BNA_F
ClientSampleId :
E2-U6-SSW

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.5	29.3
265	21.1	17.2	25.8

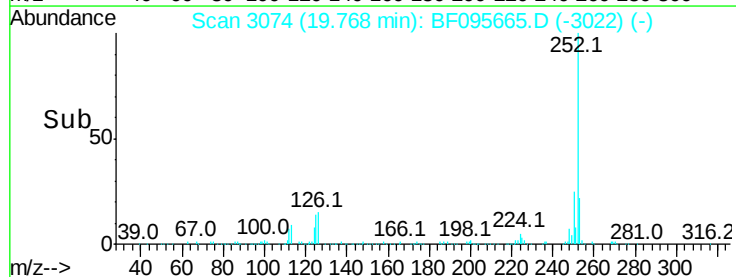
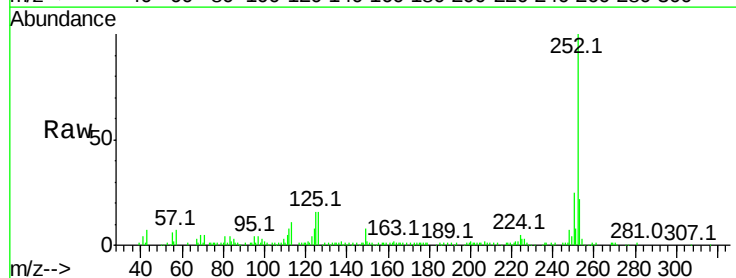
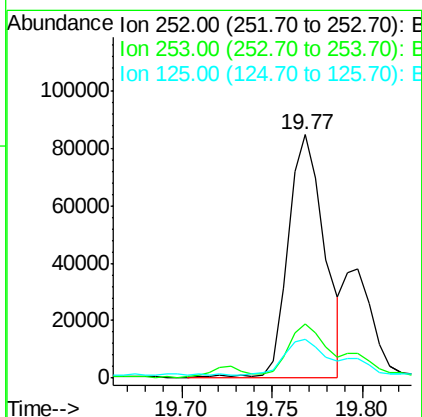
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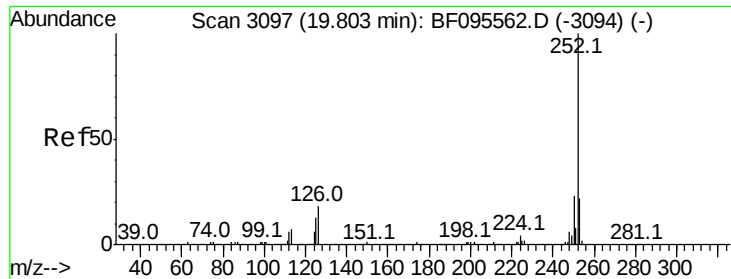
mohammad
6/6/2017 8:49:44 AM



#87
Benzo(b)fluoranthene
Concen: 16.63 ng
RT: 19.77 min Scan# 3074
Delta R.T. 0.01 min
Lab File: BF095665.D
Acq: 3 Jun 2017 9:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	16.0	9.8	14.8#





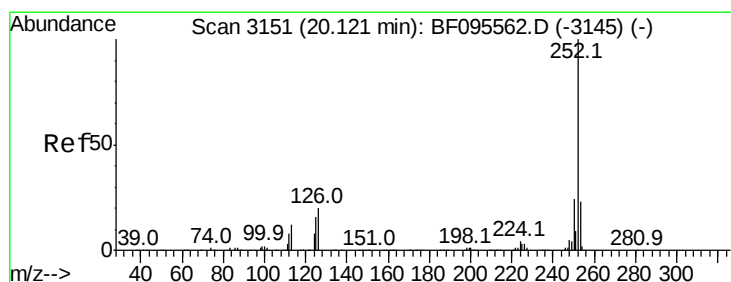
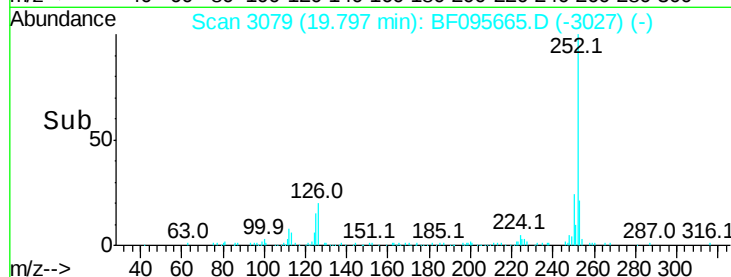
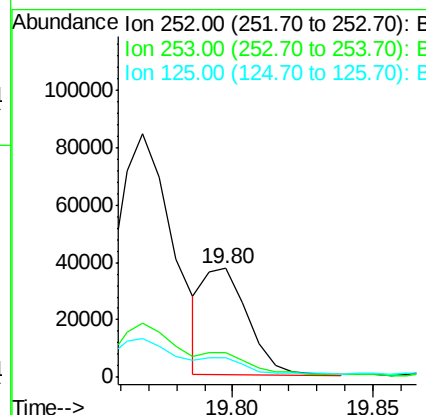
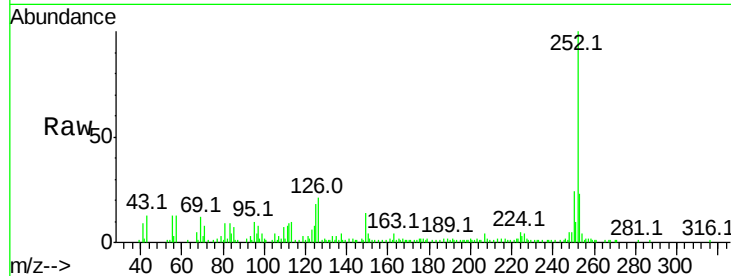
#88
Benzo(k)fluoranthene
Concen: 5.93 ng m
RT: 19.80 min Scan# 3079
Delta R.T. 0.01 min
Lab File: BF095665.D
Acq: 3 Jun 2017 9:09

Instrument :
BNA_F
ClientSampleId :
E2-U6-SSW

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.4	27.6
125	17.8	13.1	19.7

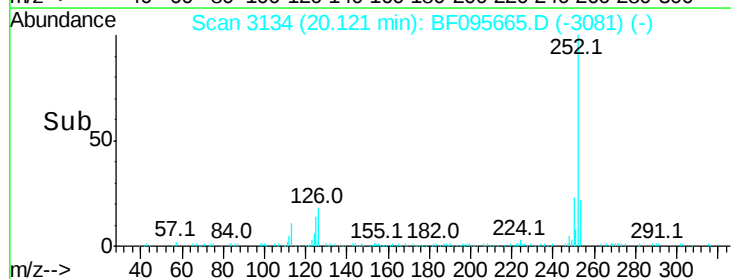
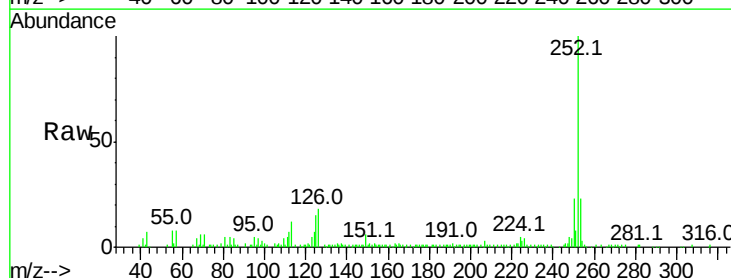
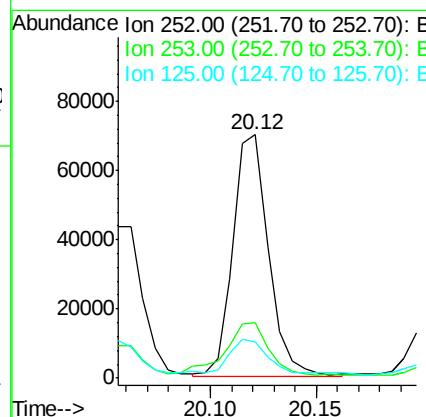
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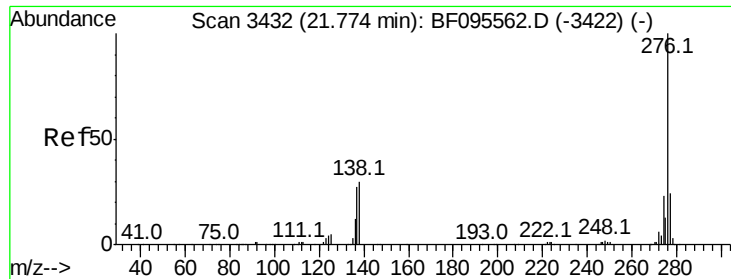
mohammad
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#89
Benzo(a)pyrene
Concen: 12.32 ng
RT: 20.12 min Scan# 3134
Delta R.T. 0.01 min
Lab File: BF095665.D
Acq: 3 Jun 2017 9:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	14.8	11.0	16.4





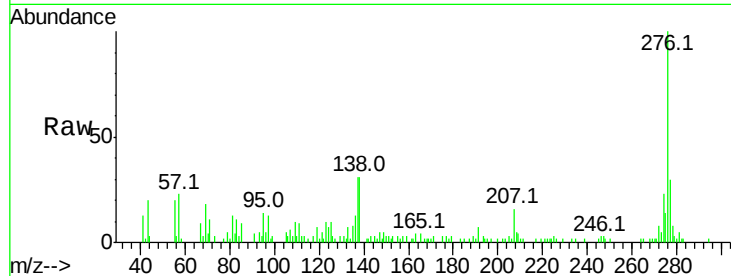
#91
 Benzo(a,h,i)perylene
 Concen: 7.77 ng
 RT: 21.79 min Scan# 3417
 Delta R.T. 0.03 min
 Lab File: BF095665.D
 Acq: 3 Jun 2017 9:09

Instrument :
 BNA_F
 ClientSampleId :
 E2-U6-SSW

Tot Ion	Ratio	Lower	Upper
276	100		
277	30.3	18.6	28.0#
138	30.6	25.4	38.0

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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

