

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072116\
 Data File : BF089174.D
 Acq On : 21 Jul 2016 12:14
 Operator : UM/SJ
 Sample : H4112-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KSB-03-0.2-2.0

Manual Integrations

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Quant Time: Jul 22 01:18:09 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 19:03:15 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	53324	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	224518	20.00	ng	0.00
38) Acenaphthene-d10	9.62	164	92275	20.00	ng	-0.01
63) Phenanthrene-d10	11.10	188	163483	20.00	ng	-0.01
75) Chrysene-d12	13.71	240	104569	20.00	ng	-0.01
86) Perylene-d12	15.06	264	96866	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	246791	70.39	ng	0.00
7) Phenol-d6	6.25	99	335525	74.21	ng	-0.02
23) Nitrobenzene-d5	7.16	82	210858	49.90	ng	-0.01
41) 2,4,6-Tribromophenol	10.41	330	43566	52.44	ng	-0.01
44) 2-Fluorobiphenyl	8.96	172	369756	55.21	ng	-0.01
78) Terphenyl-d14	12.69	244	253937	52.67	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.36	163	79751	11.26	ng	98
74) Fluoranthene	12.31	202	36502	3.87	ng	93
77) Pyrene	12.53	202	32881	3.81	ng	99
80) Benzo(a)anthracene	13.71	228	18682m	2.81	ng	
82) Chrysene	13.75	228	14896m	2.34	ng	
85) Indeno(1,2,3-cd)pyrene	16.29	276	12073	2.61	ng	94
87) Benzo(b)fluoranthene	14.71	252	24596m	3.51	ng	
89) Benzo(a)pyrene	15.02	252	18577m	3.41	ng	
91) Benzo(g,h,i)perylene	16.65	276	10993	2.54	ng	# 90

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

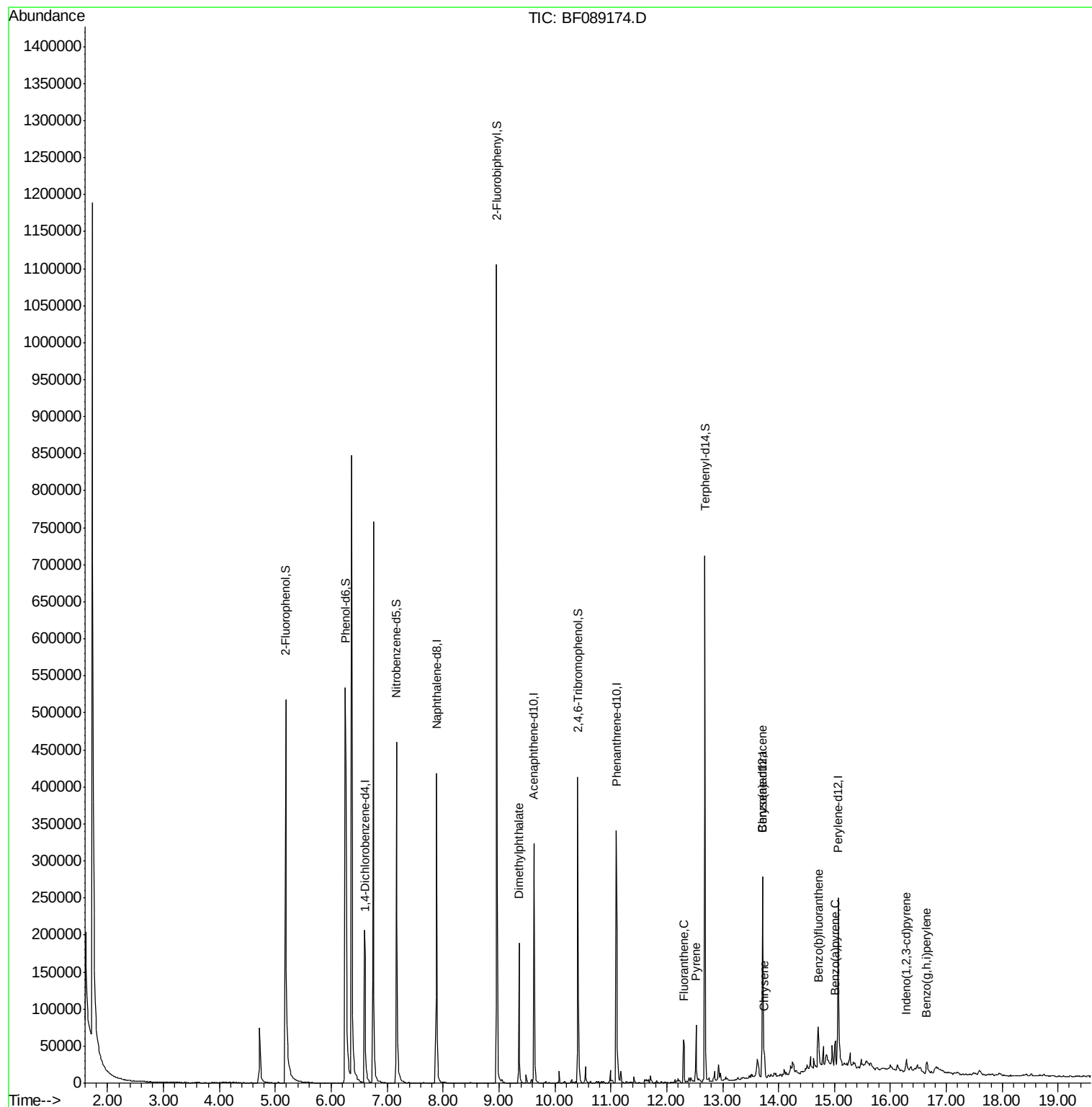
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072116\
Data File : BF089174.D
Acq On : 21 Jul 2016 12:14
Operator : UM/SJ
Sample : H4112-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

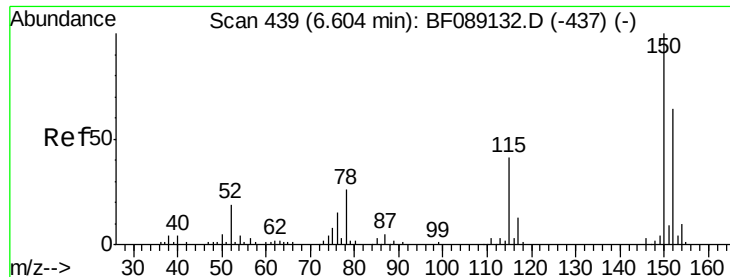
Instrument :
BNA_F
ClientSampleId :
KSB-03-0.2-2.0

Manual Integrations

Quant Time: Jul 22 01:18:09 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 20 19:03:15 2016
Response via : Initial Calibration

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#1

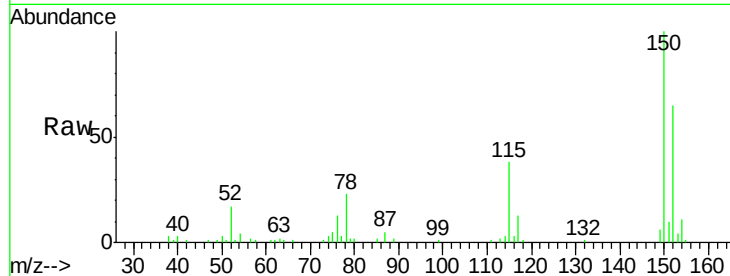
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF089174.D
Acq: 21 Jul 2016 12:14

Instrument :
BNA_F
ClientSampleId :
KSB-03-0.2-2.0

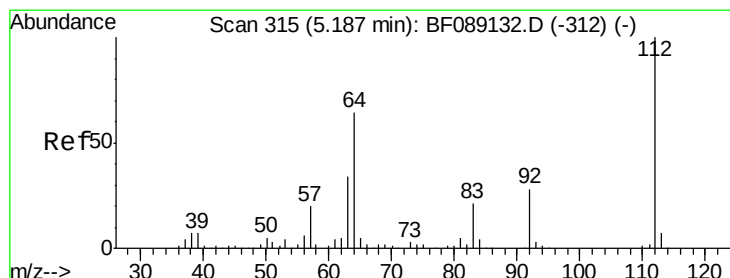
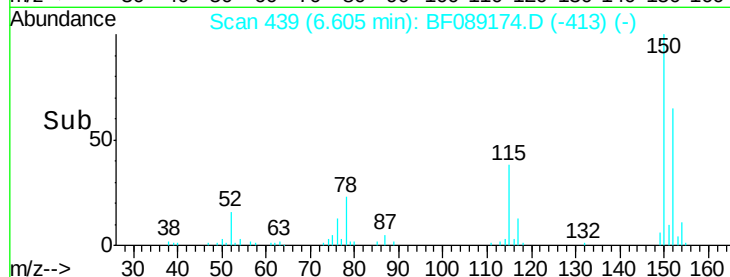
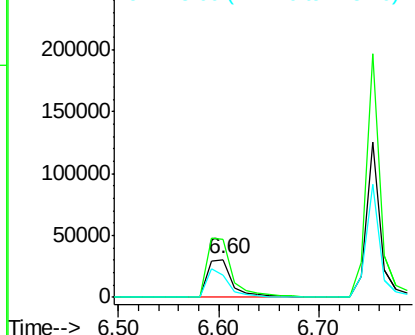
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	125.1	187.7
115	58.1	51.1	76.7

Manual Integrations

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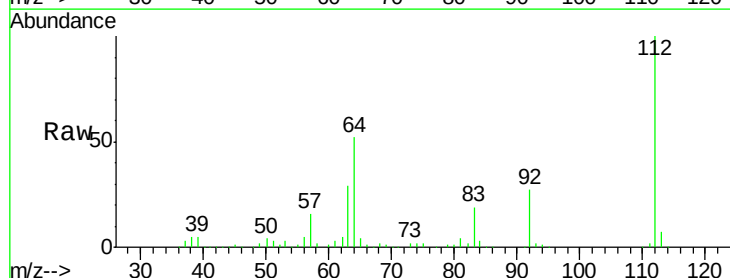
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



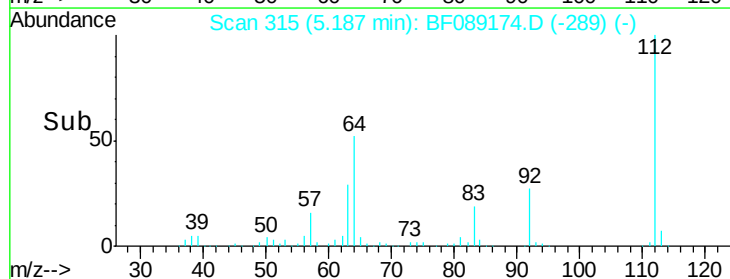
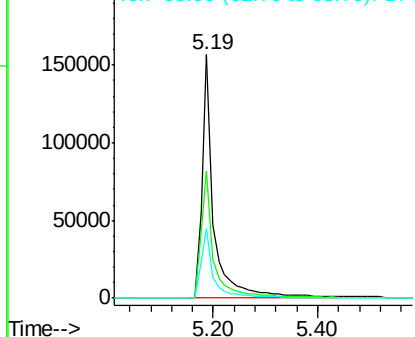
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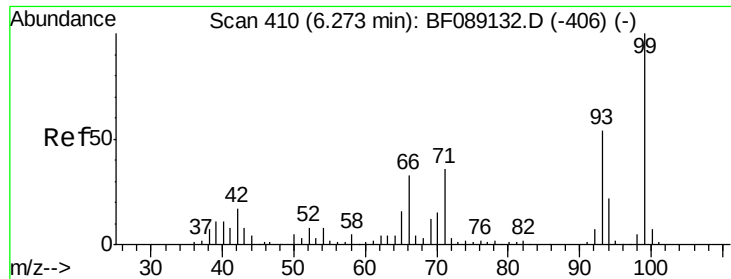
2-Fluorophenol
Concen: 70.39 ng
RT: 5.19 min Scan# 315
Delta R.T. 0.00 min
Lab File: BF089174.D
Acq: 21 Jul 2016 12:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.5	51.0	76.4
63	28.8	27.3	40.9



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: 74.21 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.02 min

Lab File: BF089174.D

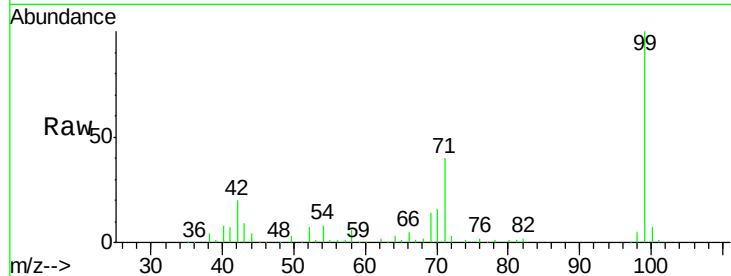
Acq: 21 Jul 2016 12:14

Instrument :

BNA_F

ClientSampleId :

KSB-03-0.2-2.0



Tot Ion: 99 Resp: 33525

Ion Ratio Lower Upper

99 100

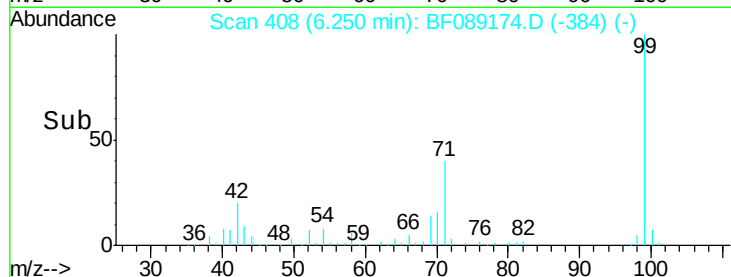
42 19.5 13.5 20.3

71 39.9 28.9 43.3

Manual Integrations

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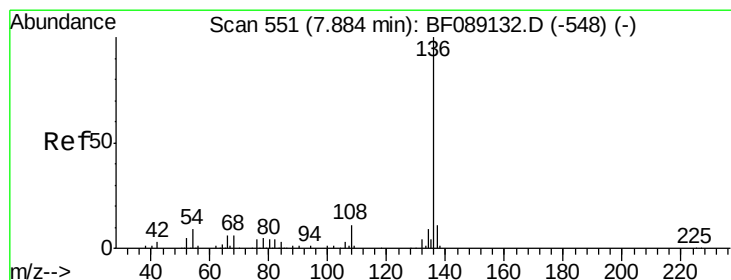
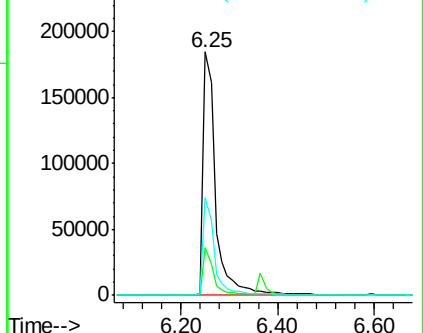
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.88 min Scan# 551

Delta R.T. 0.00 min

Lab File: BF089174.D

Acq: 21 Jul 2016 12:14

Tgt Ion: 136 Resp: 224518

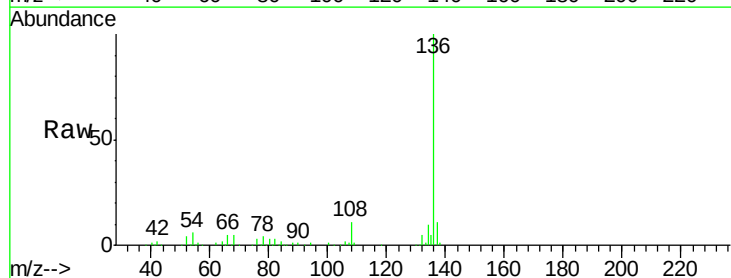
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 6.1 7.0 10.4#

68 4.7 5.0 7.6#

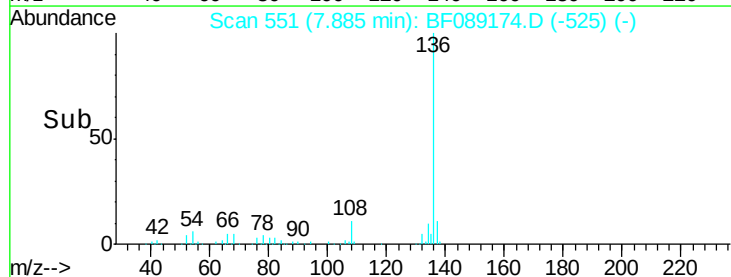
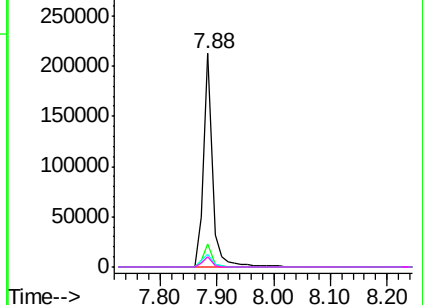


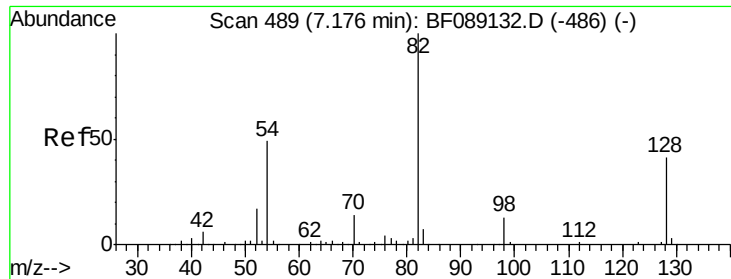
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





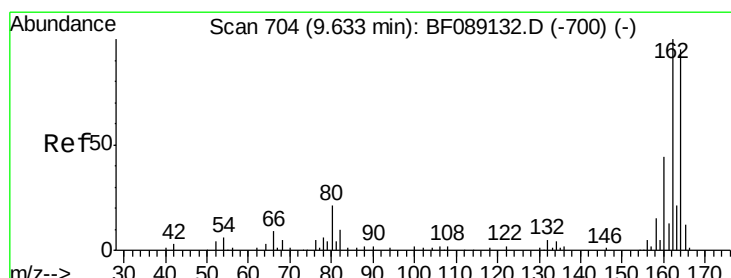
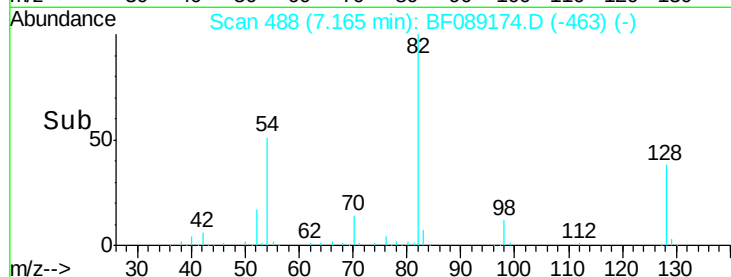
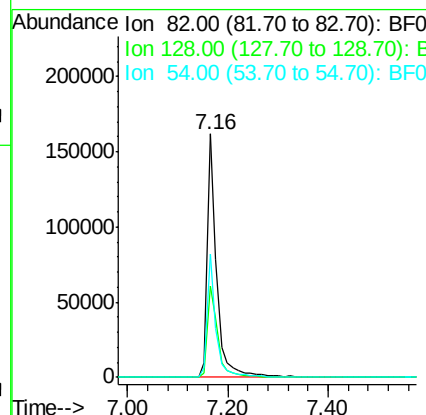
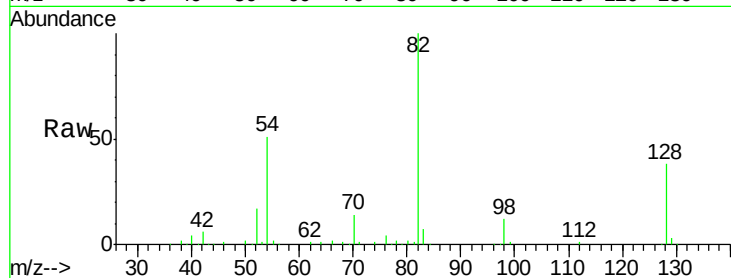
#23
Nitrobenzene-d5
Concen: 49.90 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.01 min
Lab File: BF089174.D
Acq: 21 Jul 2016 12:14

Instrument :
BNA_F
ClientSampleId :
KSB-03-0.2-2.0

Tot Ion	82	Resp	210858
Ion Ratio	100	Lower	Upper
82	100		
128	37.7	33.0	49.6
54	50.6	39.0	58.4

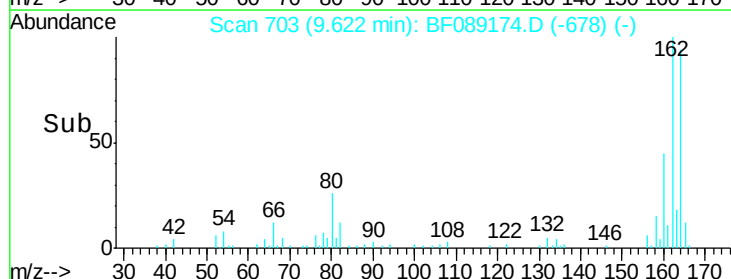
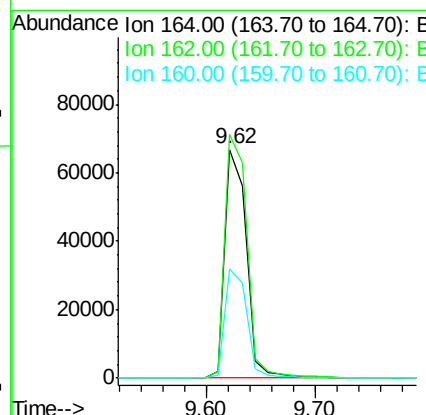
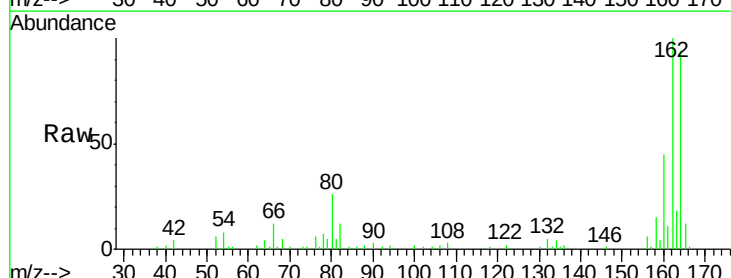
Manual Integrations

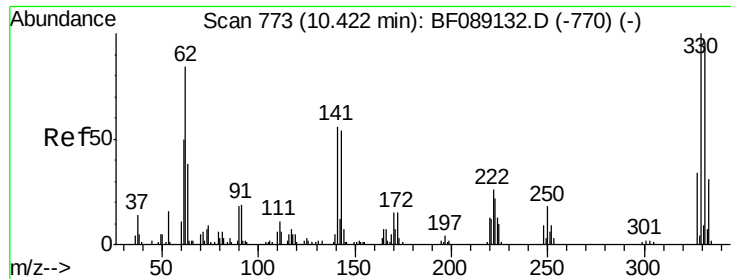
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF089174.D
Acq: 21 Jul 2016 12:14

Tgt Ion	164	Resp	92275
Ion Ratio	100	Lower	Upper
164	100		
162	106.6	84.1	126.1
160	47.8	37.1	55.7





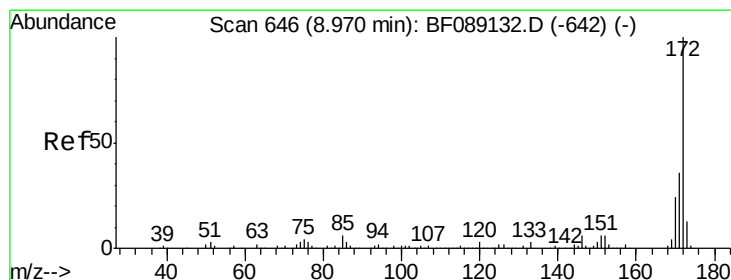
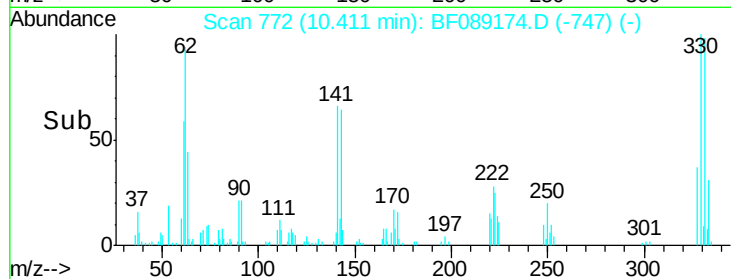
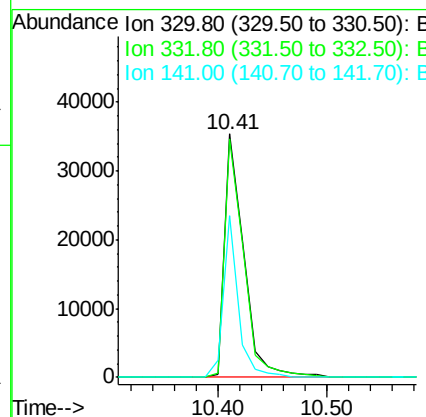
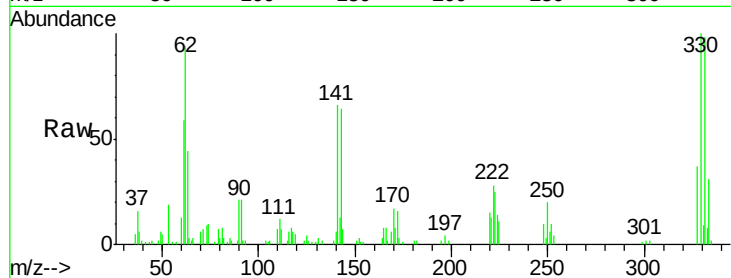
#41
 2,4,6-Tribromophenol
 Concen: 52.44 ng
 RT: 10.41 min Scan# 772
 Delta R.T. -0.01 min
 Lab File: BF089174.D
 Acq: 21 Jul 2016 12:14

Instrument :
 BNA_F
 ClientSampleId :
 KSB-03-0.2-2.0

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.2	115.8
141	51.6	42.2	63.2

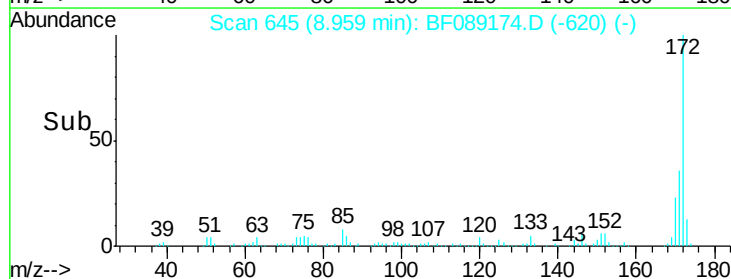
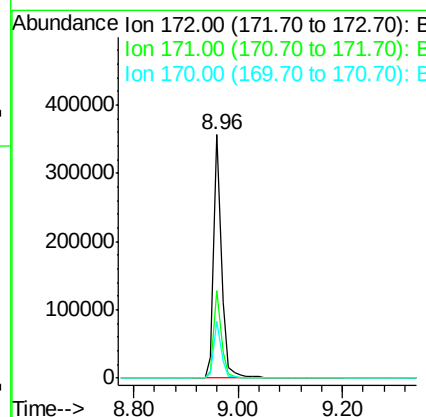
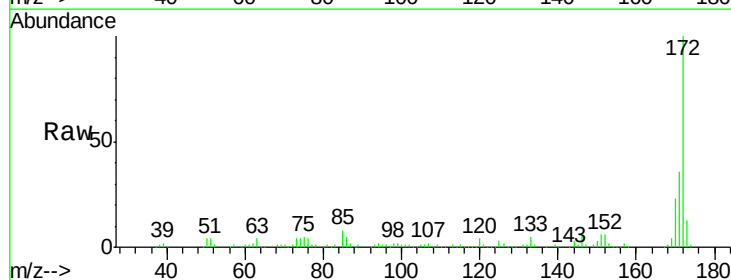
Manual Integrations

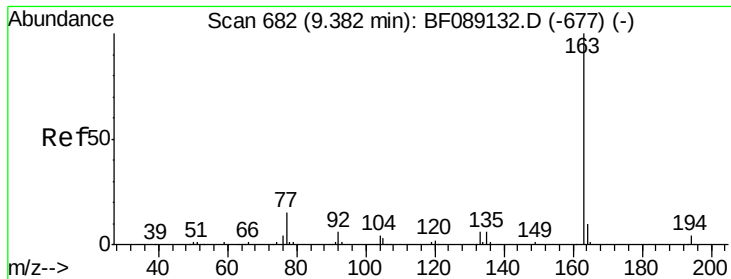
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#44
 2-Fluorobiphenyl
 Concen: 55.21 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF089174.D
 Acq: 21 Jul 2016 12:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.2	43.8
170	23.4	19.1	28.7





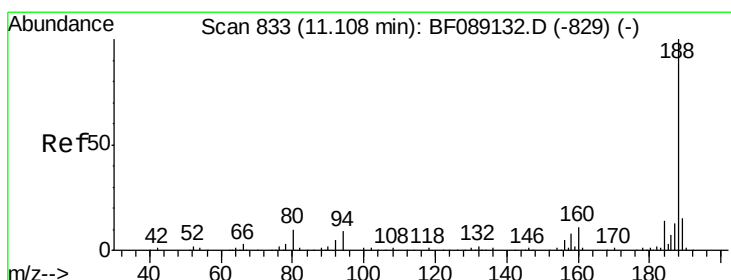
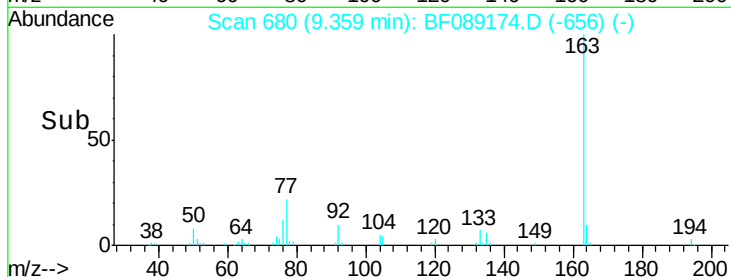
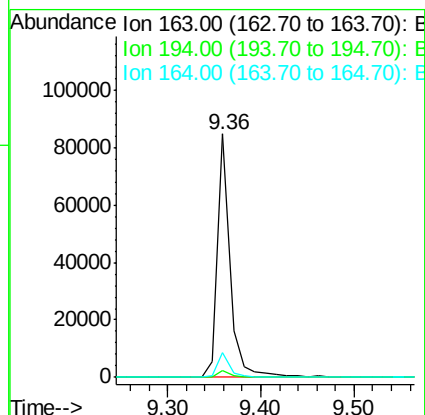
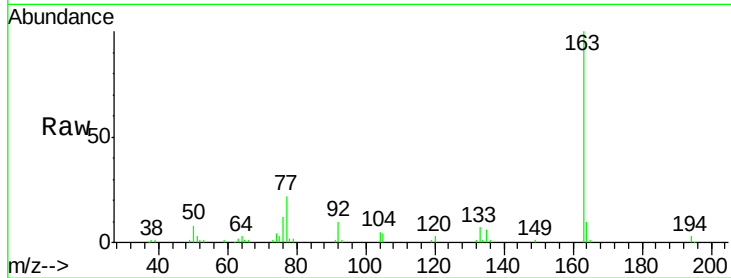
#49
Dimethylphthalate
Concen: 11.26 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.02 min
Lab File: BF089174.D
Acq: 21 Jul 2016 12:14

Instrument :
BNA_F
ClientSampleId :
KSB-03-0.2-2.0

Tot Ion:163 Resp: 79751
Ion Ratio Lower Upper
163 100
194 3.1 2.9 4.3
164 10.4 7.6 11.4

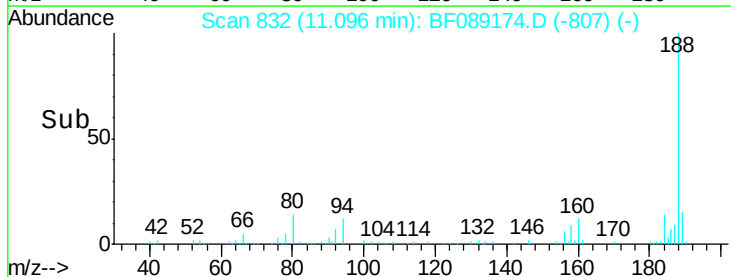
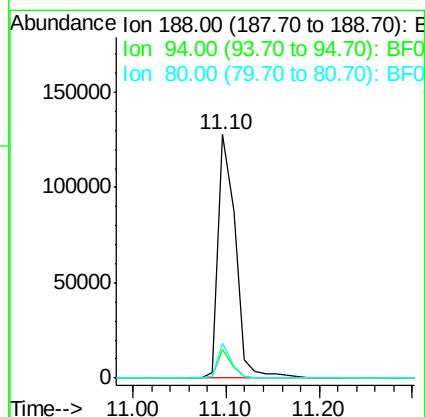
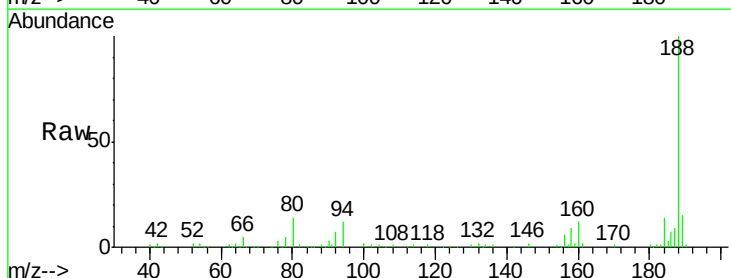
Manual Integrations

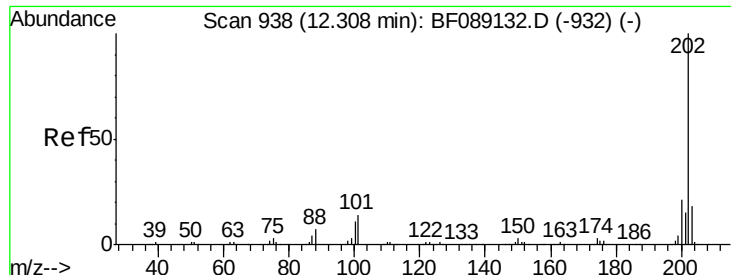
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF089174.D
Acq: 21 Jul 2016 12:14

Tgt Ion:188 Resp: 163483
Ion Ratio Lower Upper
188 100
94 11.9 7.0 10.4#
80 14.3 7.7 11.5#





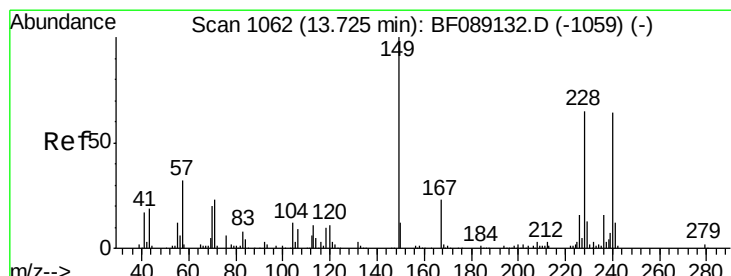
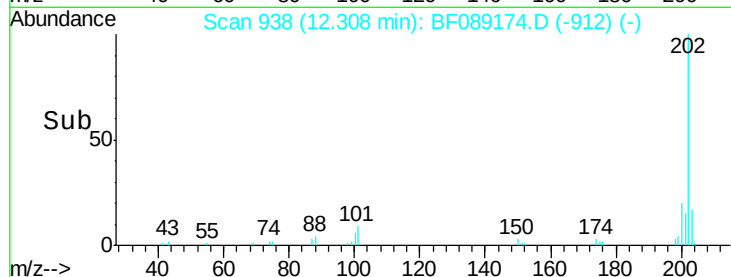
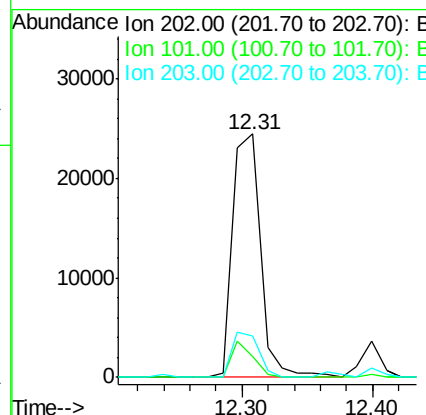
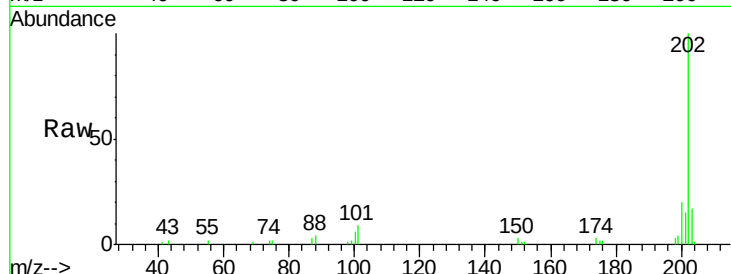
#74
Fluoranthene
 Concen: 3.87 ng
 RT: 12.31 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF089174.D
 Acq: 21 Jul 2016 12:14

Instrument :
 BNA_F
 ClientSampleId :
 KSB-03-0.2-2.0

Tot Ion	Ratio	Resp	Lower	Upper
202	100	36502		
101	8.6		0.0	34.0
203	17.1		0.0	37.8

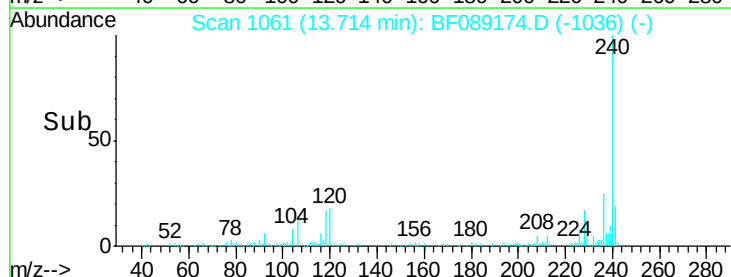
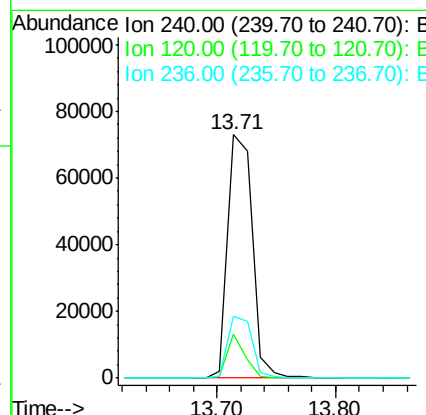
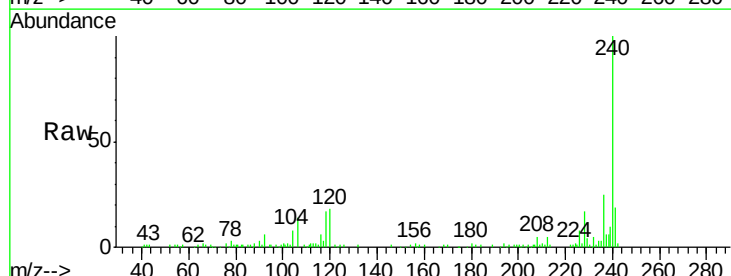
Manual Integrations

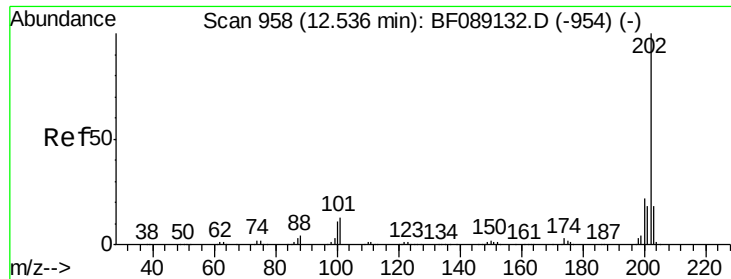
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#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.01 min
 Lab File: BF089174.D
 Acq: 21 Jul 2016 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	104569		
120	17.8		13.6	20.4
236	25.4		20.5	30.7





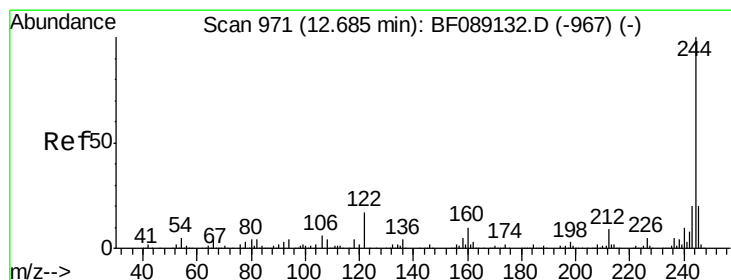
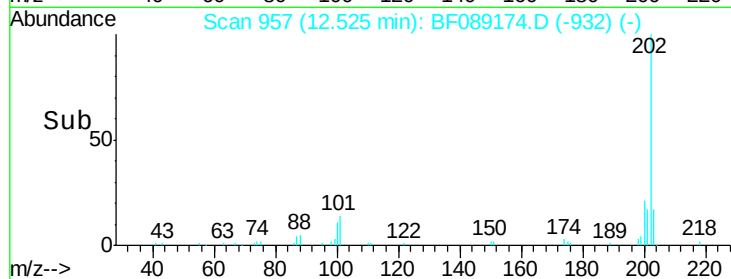
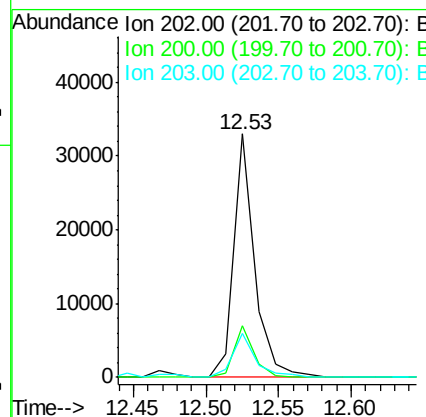
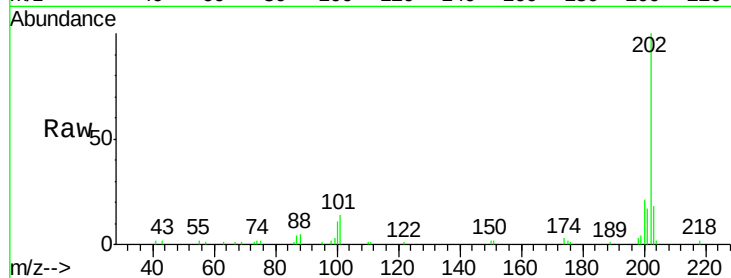
#77
Pvrene
Concen: 3.81 ng
RT: 12.53 min Scan# 957
Delta R.T. -0.01 min
Lab File: BF089174.D
Acq: 21 Jul 2016 12:14

Instrument :
BNA_F
ClientSampleId :
KSB-03-0.2-2.0

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.0
203	18.1	14.2	21.2

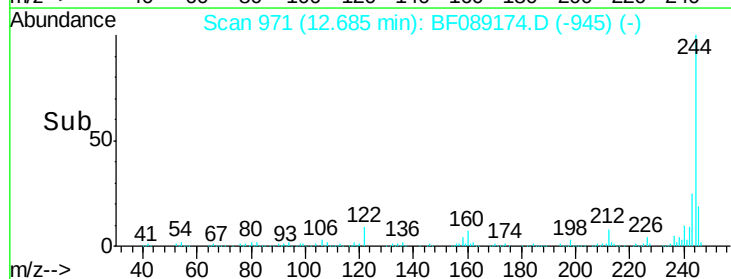
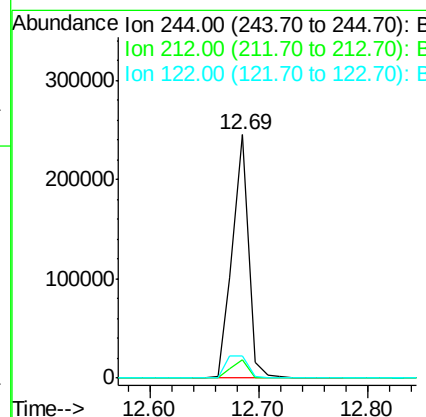
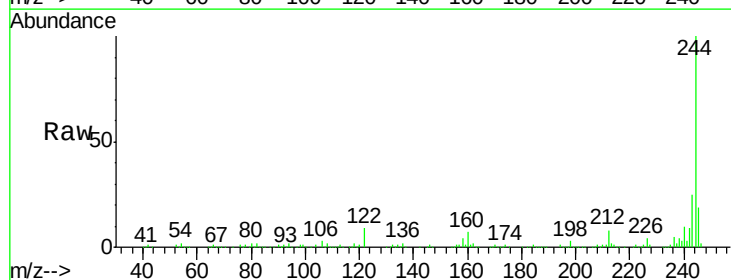
Manual Integrations

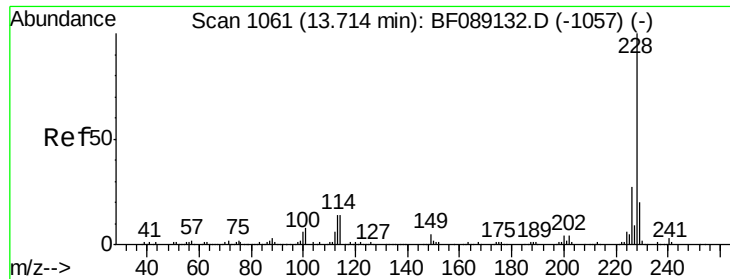
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#78
Terphenyl-d14
Concen: 52.67 ng
RT: 12.69 min Scan# 971
Delta R.T. 0.00 min
Lab File: BF089174.D
Acq: 21 Jul 2016 12:14

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	7.0	10.4
122	9.1	13.8	20.8#





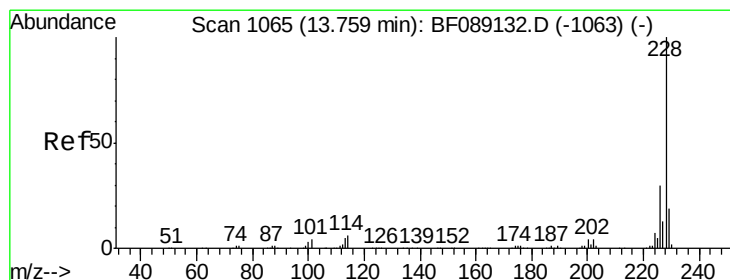
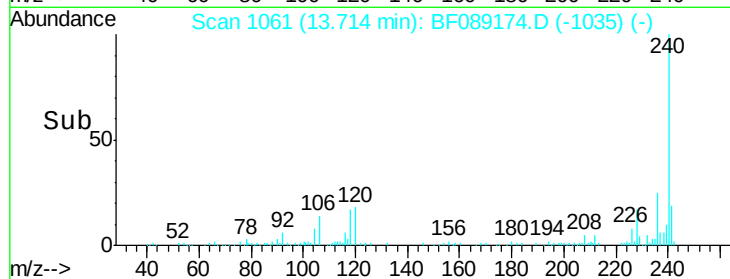
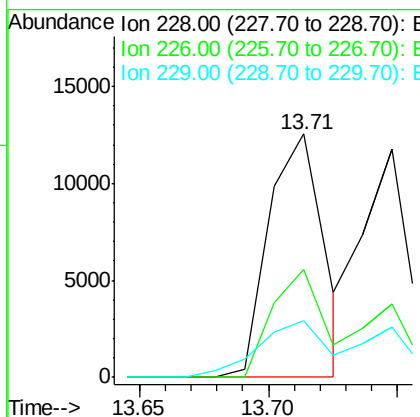
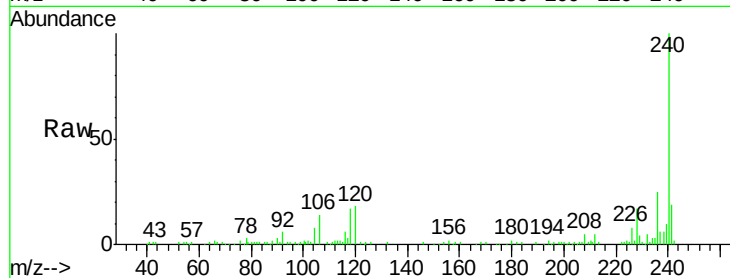
#80
Benzo(a)anthracene
Concen: 2.81 ng m
RT: 13.71 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BF089174.D
Acq: 21 Jul 2016 12:14

Instrument :
BNA_F
ClientSampleId :
KSB-03-0.2-2.0

Tot Ion	Ratio	Lower	Upper
228	100		
226	44.1	21.8	32.8
229	23.4	15.8	23.8

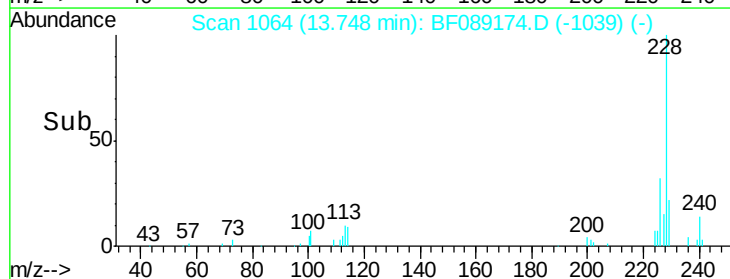
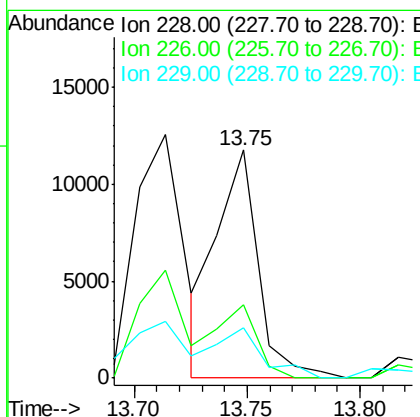
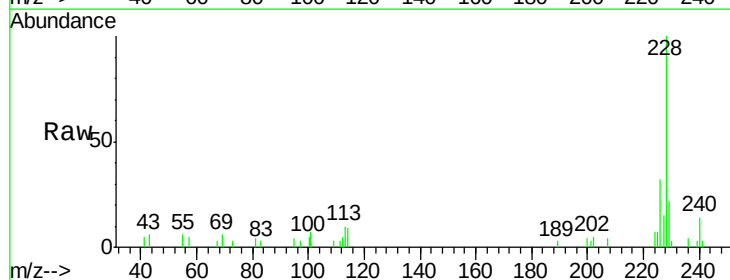
Manual Integrations

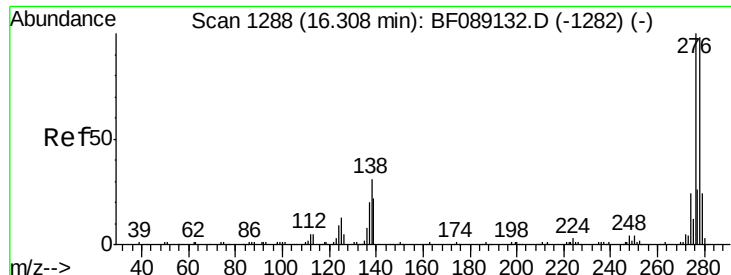
umangi
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#82
Chrysene
Concen: 2.34 ng m
RT: 13.75 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF089174.D
Acq: 21 Jul 2016 12:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.1	23.8	35.8
229	22.2	15.4	23.0





#85

Indeno(1,2,3-cd)pyrene

Concen: 2.61 ng

RT: 16.29 min Scan# 1286

Delta R.T. -0.02 min

Lab File: BF089174.D

Acq: 21 Jul 2016 12:14

Instrument :

BNA_F

ClientSampleId :

KSB-03-0.2-2.0

Tot Ion:276 Resp: 12073

Ion Ratio Lower Upper

276 100

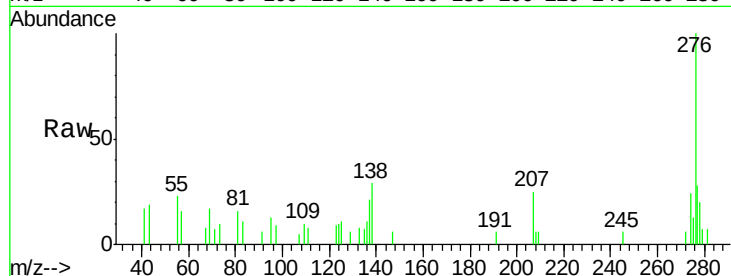
138 25.6 23.7 35.5

277 23.6 20.6 31.0

Manual Integrations

umangi

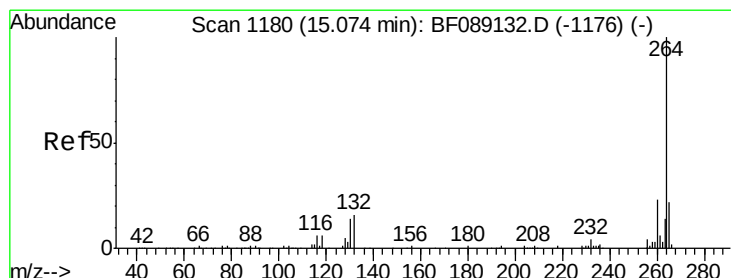
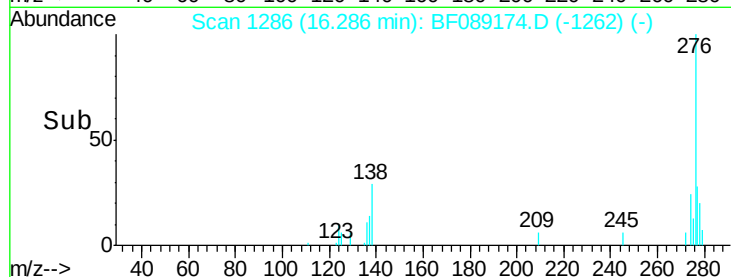
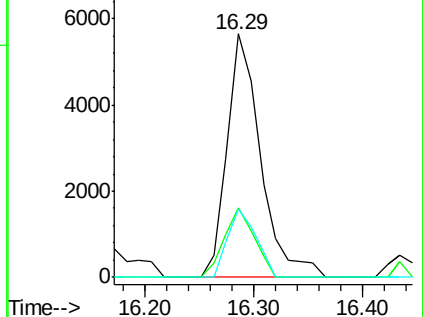
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.06 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF089174.D

Acq: 21 Jul 2016 12:14

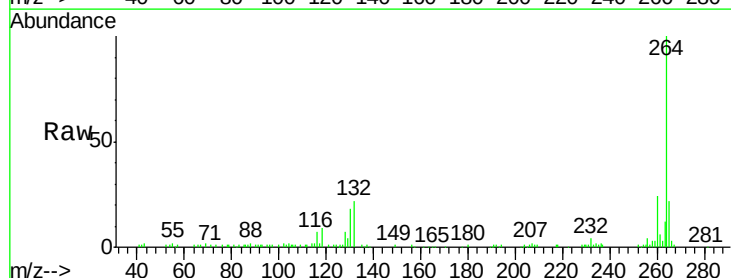
Tgt Ion:264 Resp: 96866

Ion Ratio Lower Upper

264 100

260 23.9 18.5 27.7

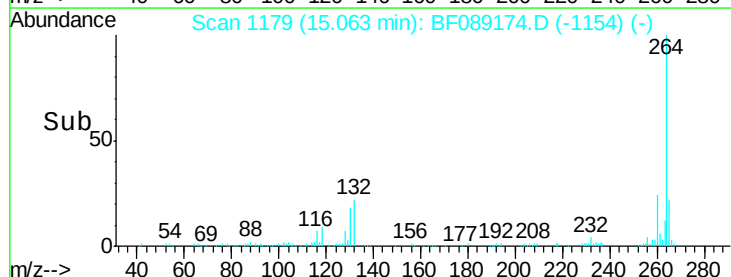
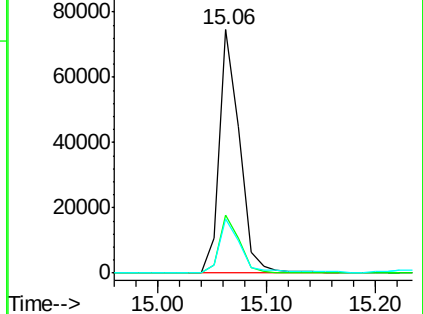
265 22.2 17.3 25.9

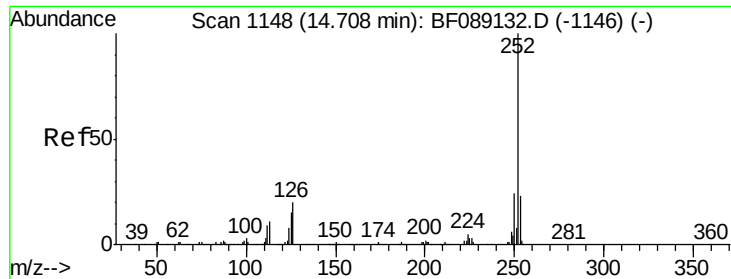


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





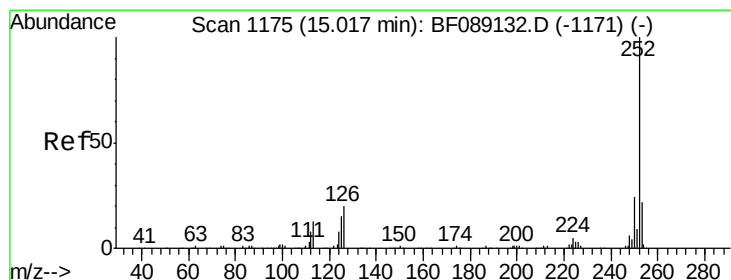
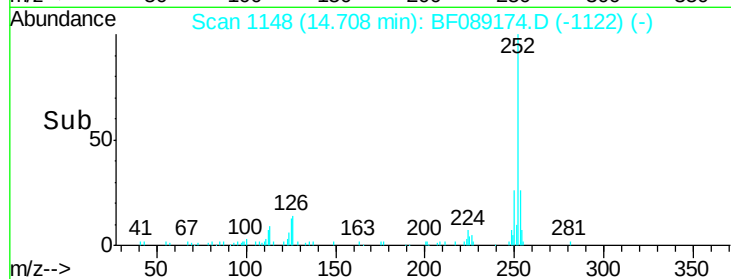
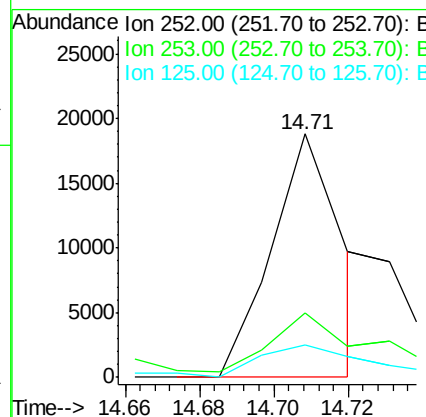
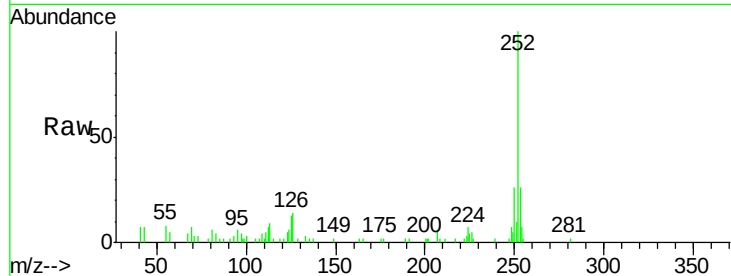
#87
Benzo(b)fluoranthene
Concen: 3.51 ng m
RT: 14.71 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF089174.D
Acq: 21 Jul 2016 12:14

Instrument :
BNA_F
ClientSampleId :
KSB-03-0.2-2.0

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.2	18.2	27.2
125	13.2	11.9	17.9

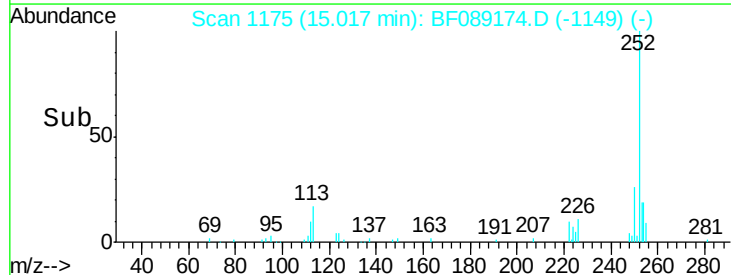
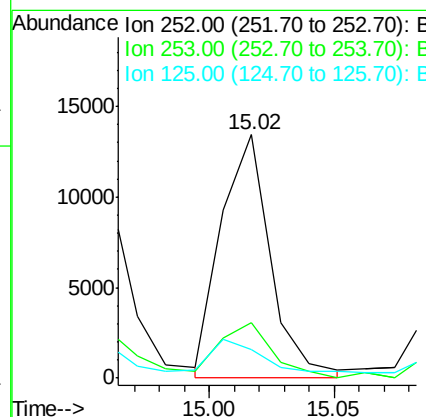
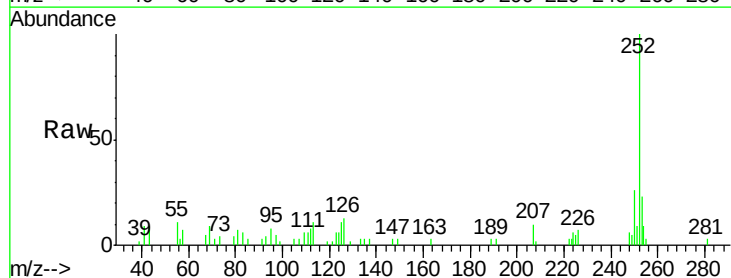
Manual Integrations

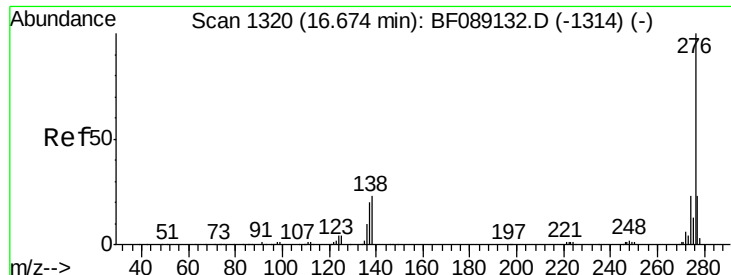
umangi
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#89
Benzo(a)pyrene
Concen: 3.41 ng m
RT: 15.02 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BF089174.D
Acq: 21 Jul 2016 12:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.0
125	11.5	12.4	18.6





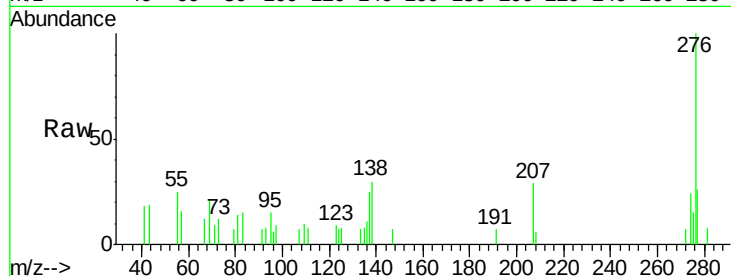
#91
 Benzo(a,h,i)perylene
 Concen: 2.54 ng
 RT: 16.65 min Scan# 1318
 Delta R.T. -0.02 min
 Lab File: BF089174.D
 Acq: 21 Jul 2016 12:14

Instrument :
 BNA_F
 ClientSampleId :
 KSB-03-0.2-2.0

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.3	18.5	27.7
138	29.7	18.5	27.7#

Manual Integrations

umangi
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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

