

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
 Data File : BF110226.D
 Acq On : 26 Oct 2018 22:45
 Operator : JU/SJ
 Sample : J5675-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-13

Manual Integrations
 APPROVED

Sohil
 10/29/2018 11:56:48 AM

Quant Time: Oct 27 00:46:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	124427	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	484425	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	190650	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	300216	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	212617	20.00	ng	-0.01
87) Perylene-d12	15.68	264	146826	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	734864	96.18	ng	0.00
7) Phenol-d6	6.59	99	915736	93.70	ng	-0.01
23) Nitrobenzene-d5	7.53	82	535296	65.54	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	148907	78.85	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	841845	69.34	ng	-0.01
79) Terphenyl-d14	13.09	244	619742	60.62	ng	-0.02
Target Compounds						
10) Phenol	6.60	94	64612	6.185	ng	Qvalue # 64
50) Dimethylphthalate	9.72	163	151293	10.750	ng	99
75) Fluoranthene	12.72	202	79928	5.014	ng	99
78) Pyrene	12.95	202	79483	5.214	ng	97
81) Benzo(a)anthracene	14.14	228	44069	3.495	ng	97
83) Chrysene	14.17	228	41052	3.428	ng	97
86) Indeno(1,2,3-cd)pyrene	17.24	276	23038	2.319	ng	94
88) Benzo(b)fluoranthene	15.22	252	48901m	5.768	ng	
90) Benzo(a)pyrene	15.62	252	31940	4.094	ng	# 94
92) Benzo(g,h,i)perylene	17.72	276	22214	3.349	ng	# 86

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

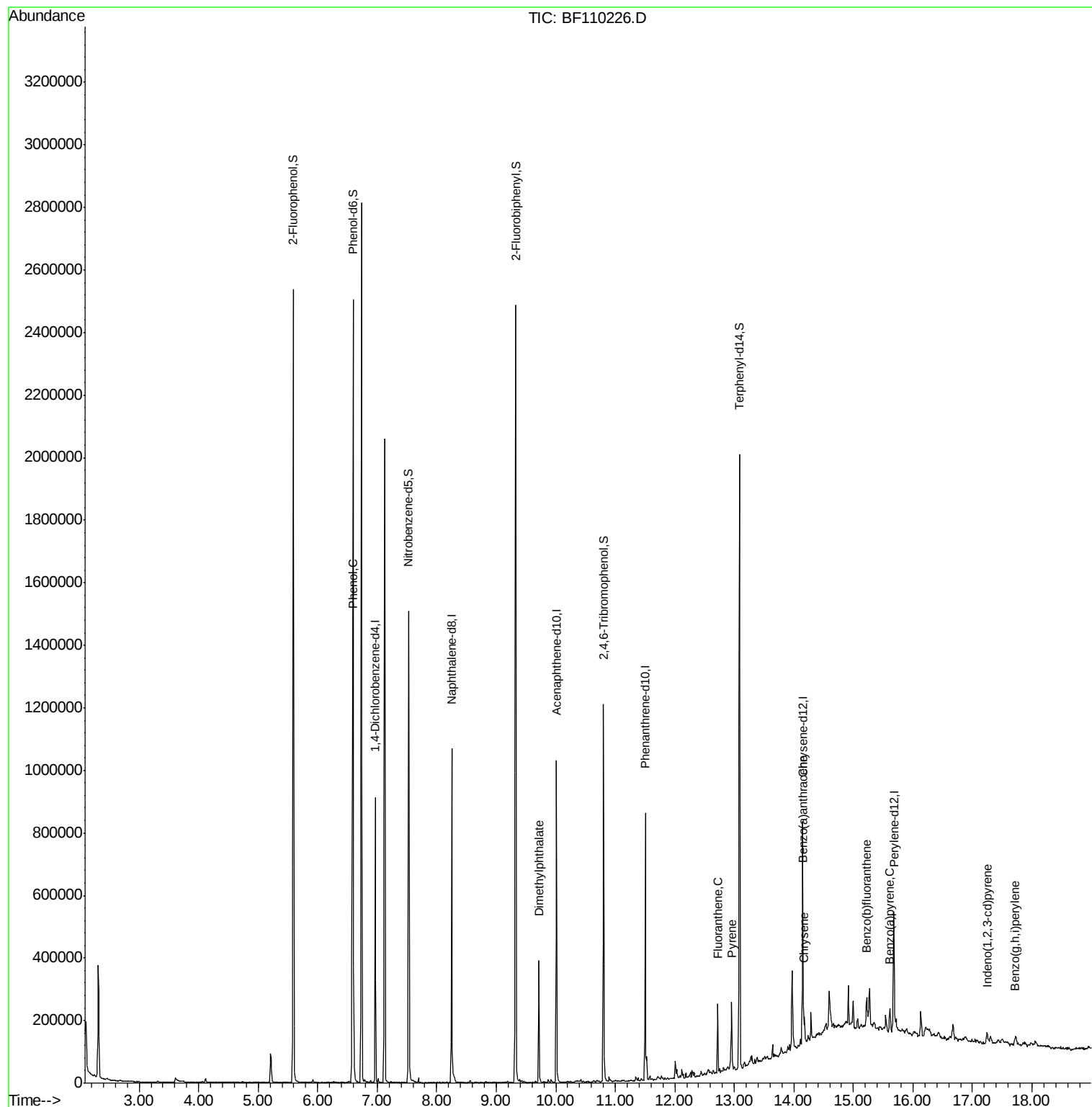
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
Data File : BF110226.D
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Operator : JU/SJ
Sample : J5675-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

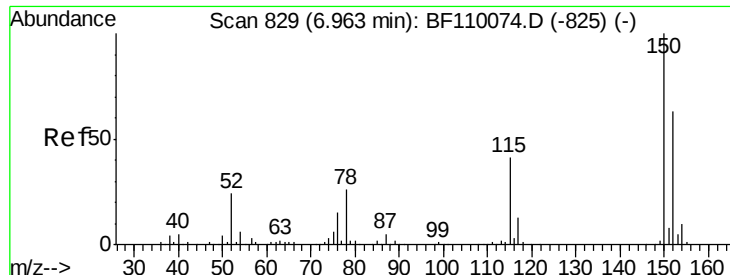
Instrument :
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ClientSampleId :
TP-13

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#1

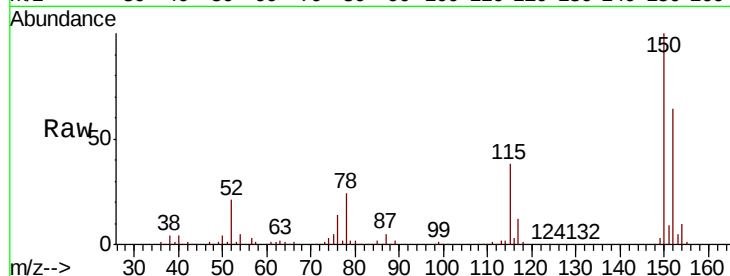
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110226.D
Acq: 26 Oct 2018 22:45

Instrument :
BNA_F
ClientSampleId :
TP-13

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	122.7	184.1
115	60.3	49.1	73.7

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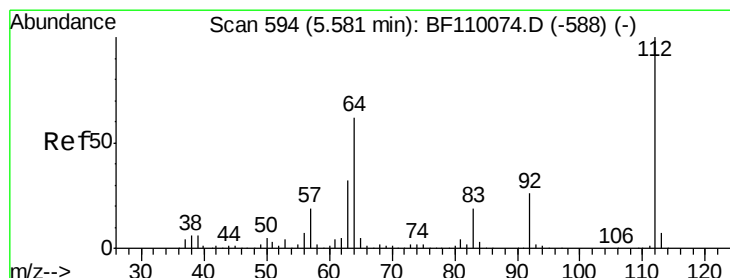
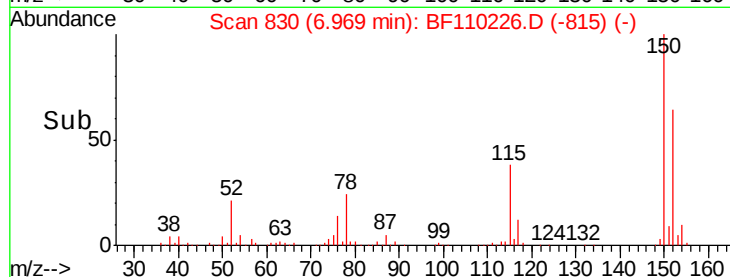
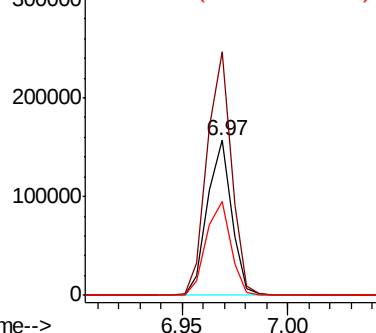


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

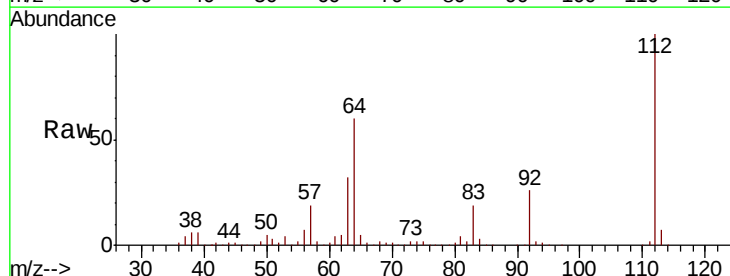
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 96.176 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF110226.D
Acq: 26 Oct 2018 22:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.0	44.1	66.1
63	32.1	23.7	35.5

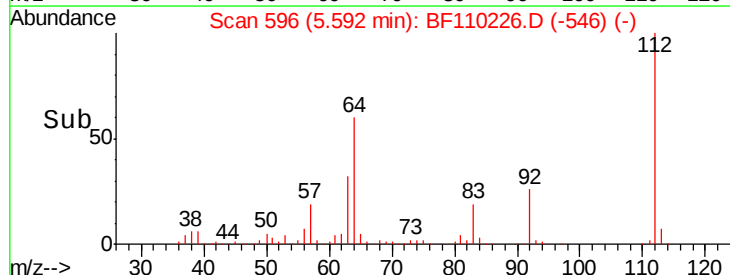
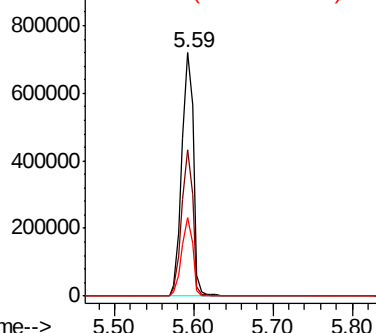


Abundance

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: 93.699 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110226.D

Acq: 26 Oct 2018 22:45

Instrument :

BNA_F

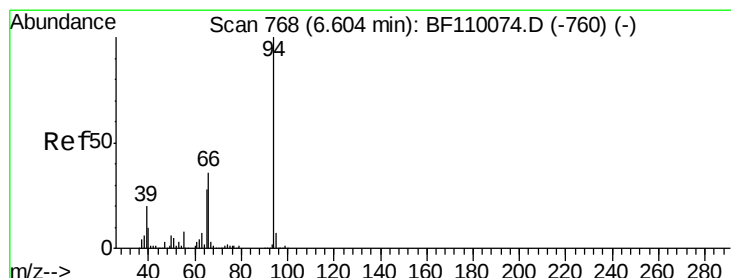
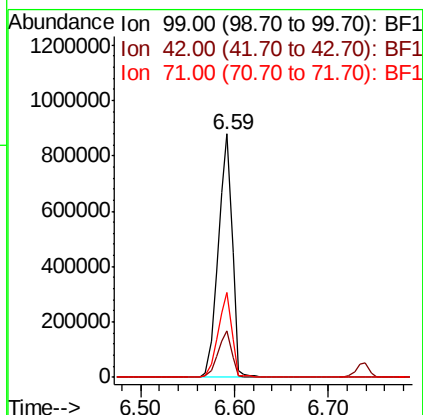
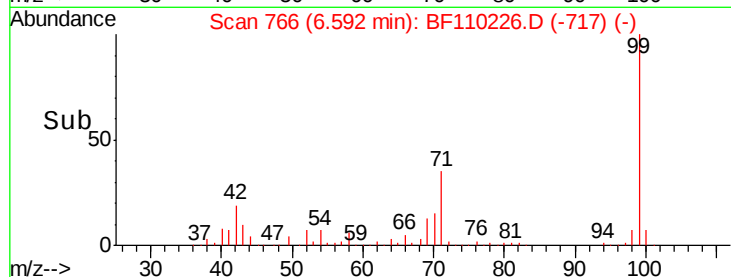
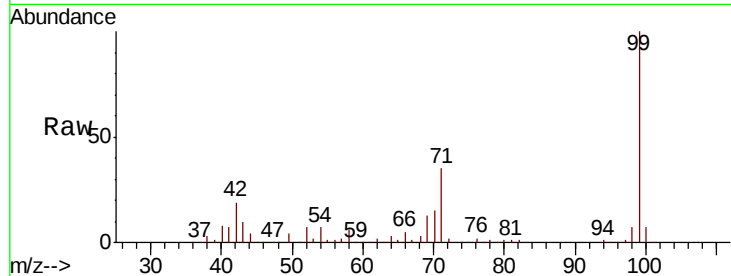
ClientSampled :

TP-13

Tot Ion:	99	Resp:	915736
Ion Ratio	Lower	Upper	
99	100		
42	19.0	15.8	23.6
71	34.7	28.0	42.0

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#10

Phenol

Concen: 6.185 ng

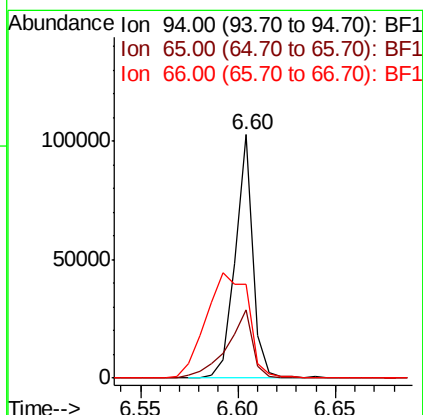
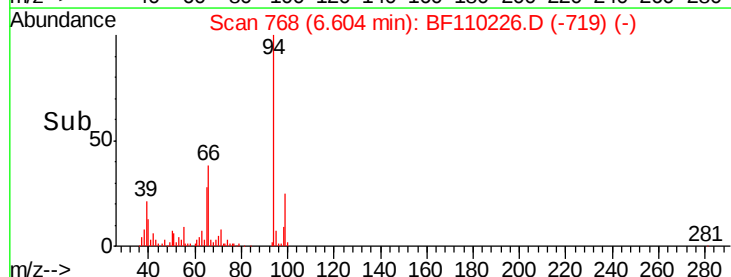
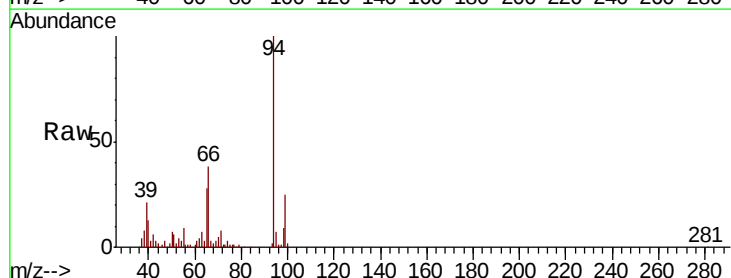
RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF110226.D

Acq: 26 Oct 2018 22:45

Tgt Ion:	94	Resp:	64612
Ion Ratio	Lower	Upper	
94	100		
65	27.8	25.3	65.3
66	38.5	54.5	94.5#





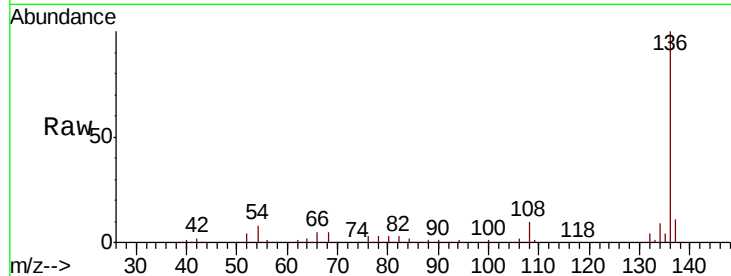
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110226.D
Acq: 26 Oct 2018 22:45

Instrument :
BNA_F
ClientSampleId :
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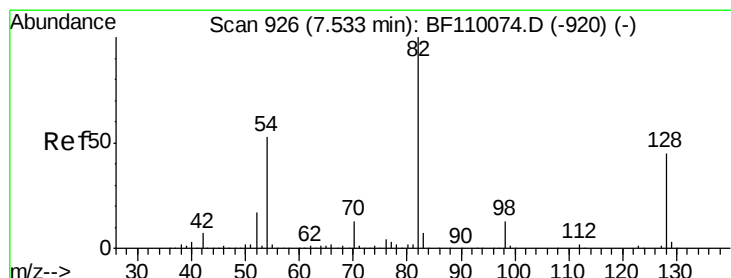
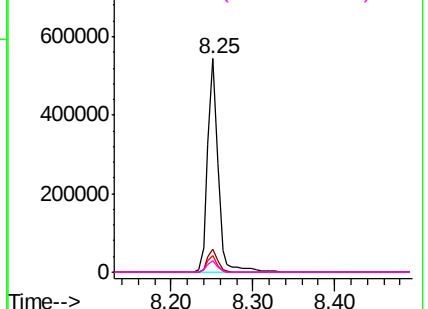
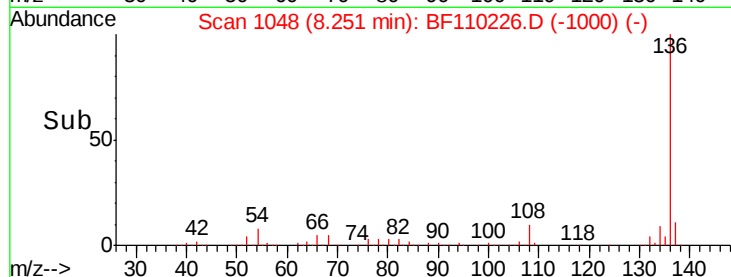
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	10.7		8.8	13.2	
54	7.7		5.4	8.2	
68	5.3		4.2	6.2	

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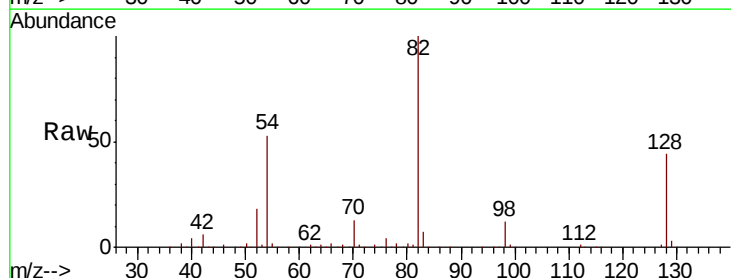


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

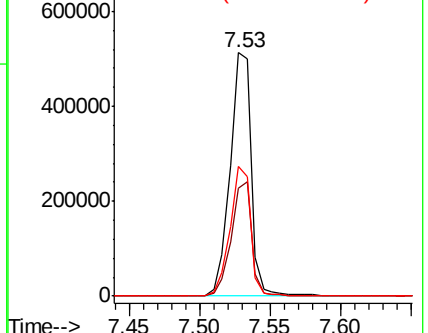
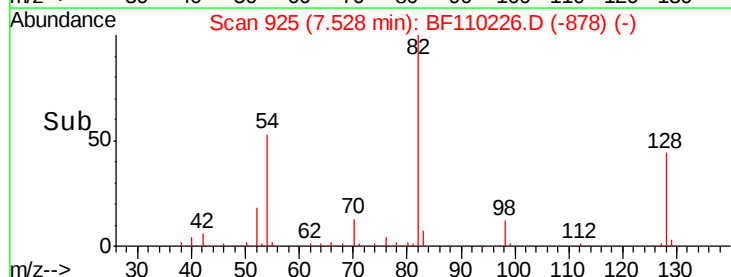


#23
Nitrobenzene-d5
Concen: 65.542 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF110226.D
Acq: 26 Oct 2018 22:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100				
128	44.1		34.2	51.2	
54	53.2		38.6	58.0	



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





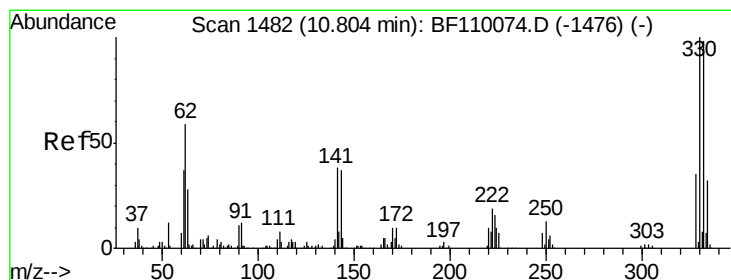
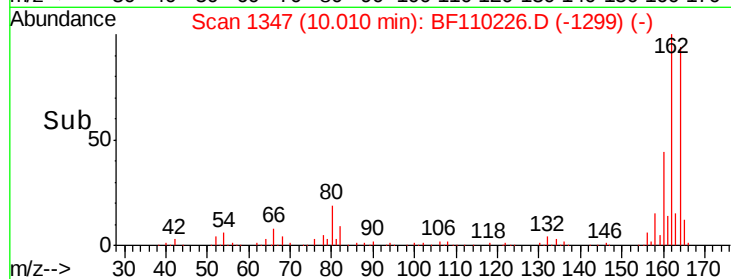
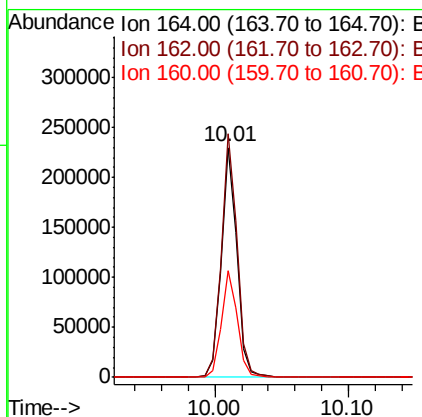
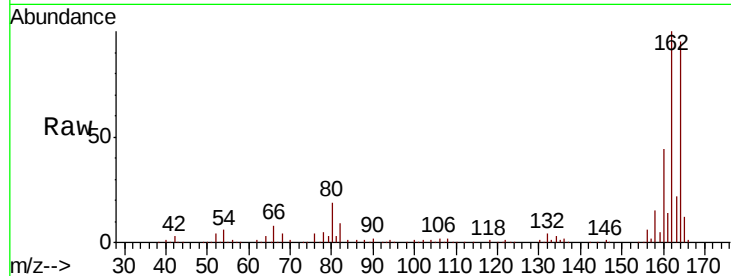
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110226.D
Acq: 26 Oct 2018 22:45

Instrument :
BNA_F
ClientSampleId :
TP-13

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.8	83.0	124.6
160	46.6	37.0	55.6

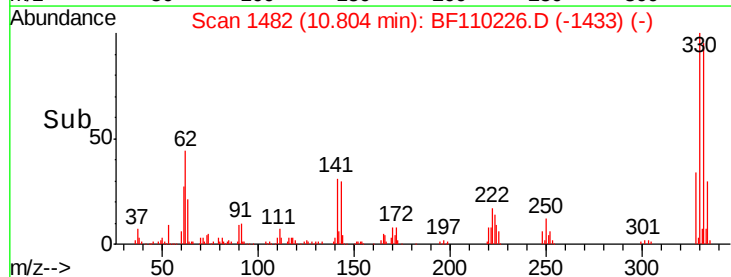
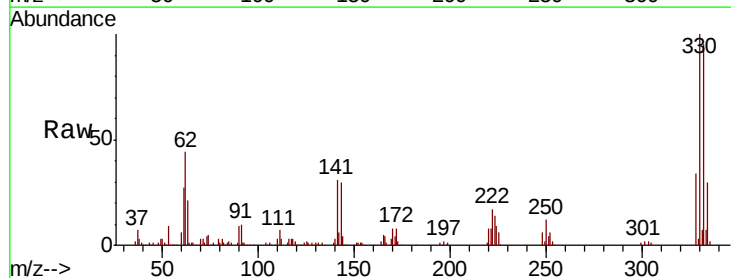
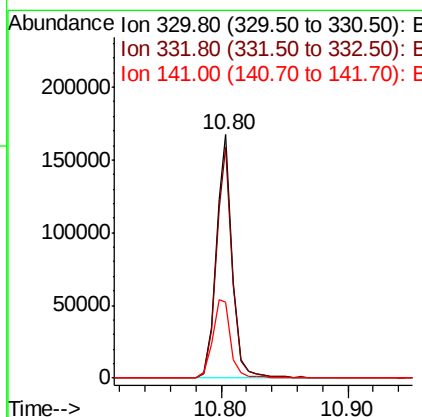
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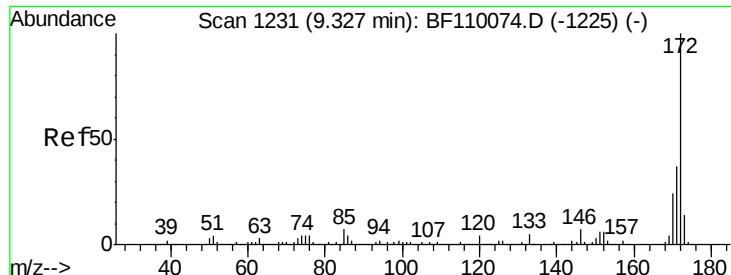
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#42
2,4,6-Tribromophenol
Concen: 78.849 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF110226.D
Acq: 26 Oct 2018 22:45

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.1	115.7
141	36.6	27.0	40.4





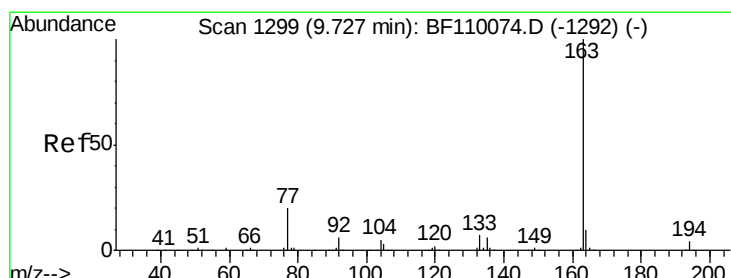
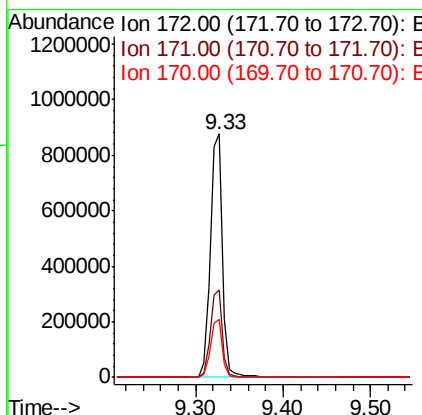
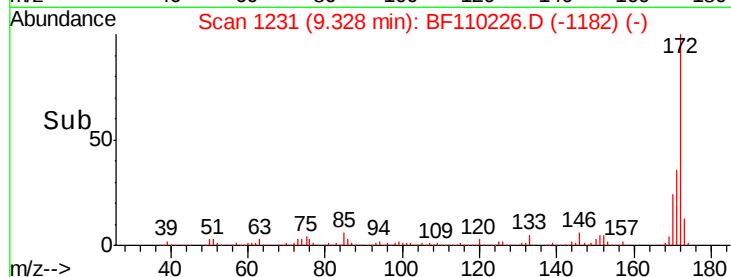
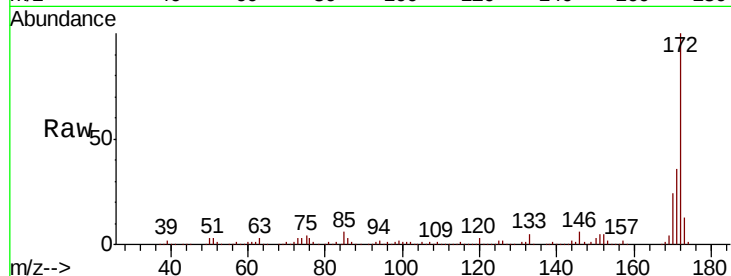
#45
2-Fluorobiphenyl
Concen: 69.337 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110226.D
Acq: 26 Oct 2018 22:45

Instrument :
BNA_F
ClientSampled :
TP-13

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	23.9	19.7	29.5

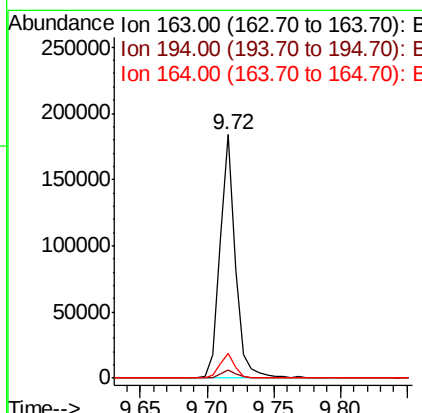
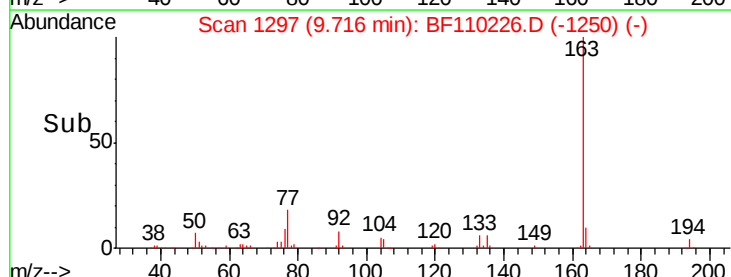
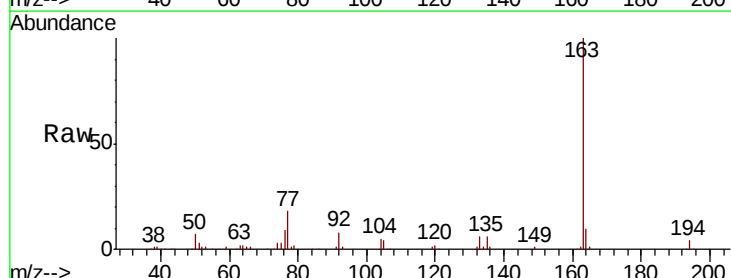
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#50
Dimethylphthalate
Concen: 10.750 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110226.D
Acq: 26 Oct 2018 22:45

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.2	4.8
164	10.2	8.1	12.1





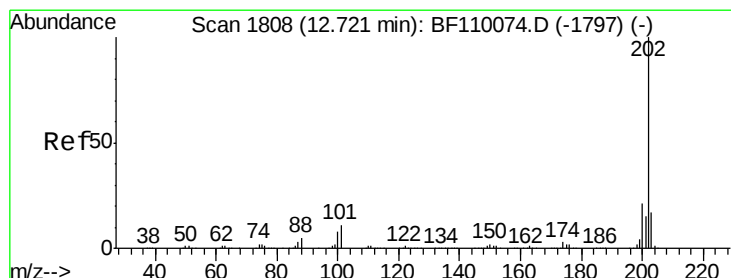
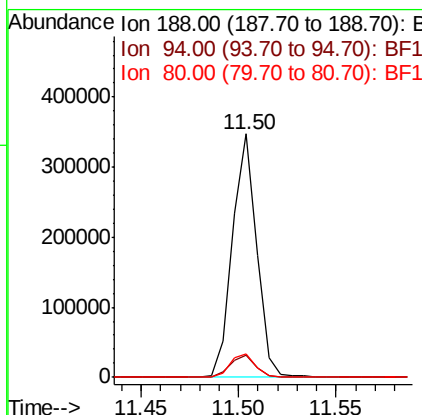
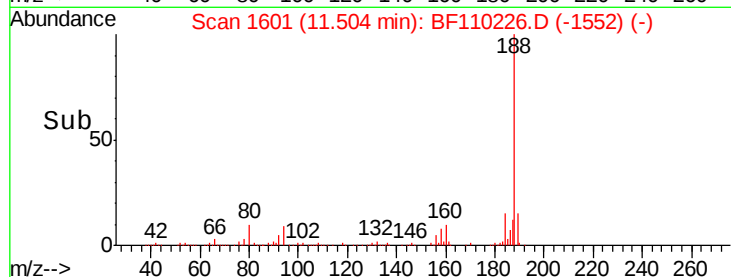
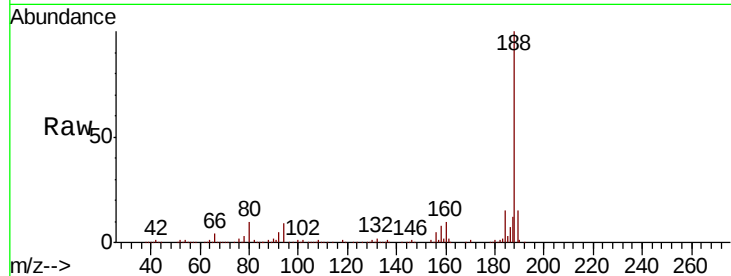
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110226.D
Acq: 26 Oct 2018 22:45

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
188	100		300216		
94	9.2	7.2	10.8		
80	9.6	7.9	11.9		

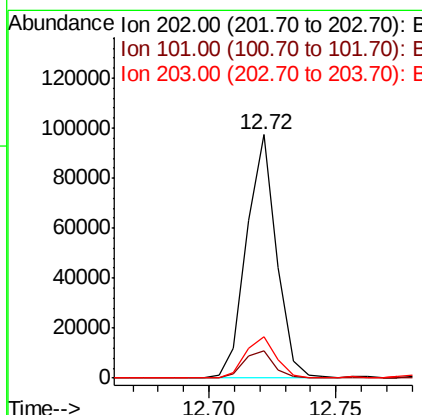
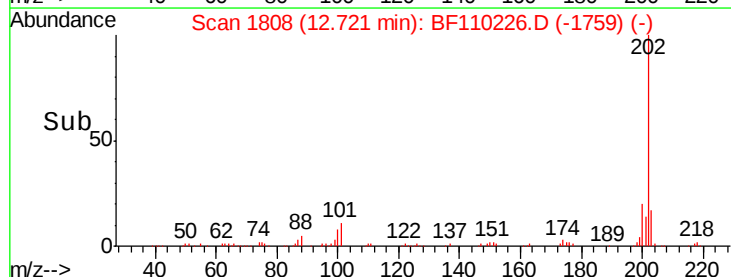
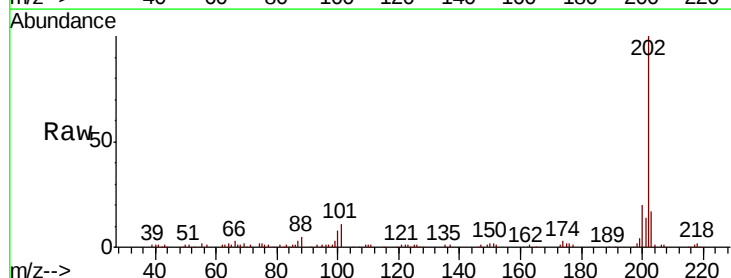
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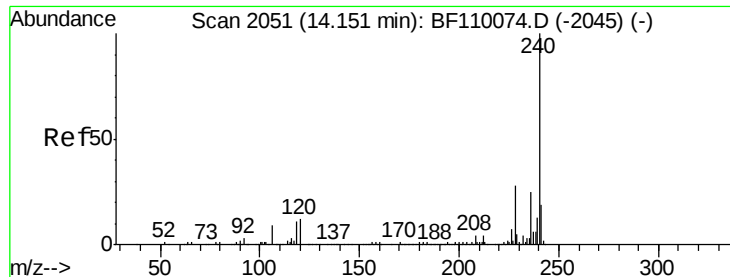
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#75
Fluoranthene
Concen: 5.014 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF110226.D
Acq: 26 Oct 2018 22:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		79928		
101	11.0	0.0	31.4		
203	17.2	0.0	37.7		





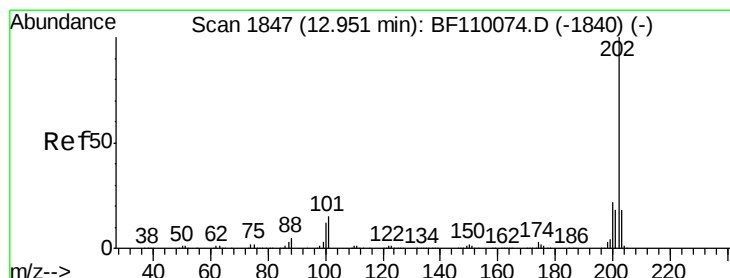
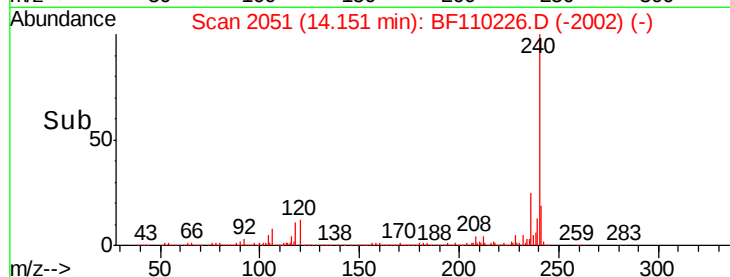
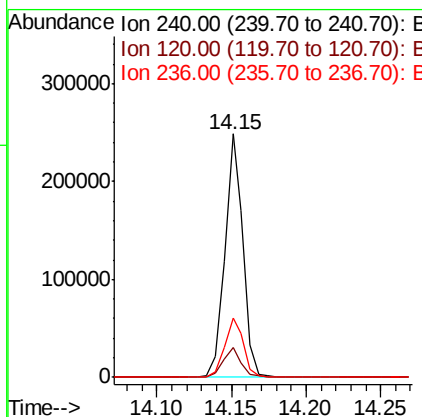
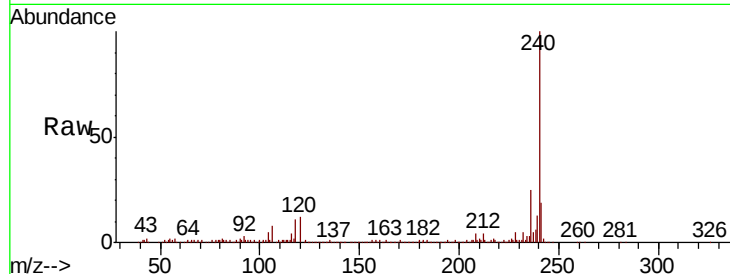
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110226.D
Acq: 26 Oct 2018 22:45

Instrument :
BNA_F
ClientSampleId :
TP-13

Tot Ion	Ratio	Resp	Lower	Upper
240	100	212617		
120	12.1	8.3	12.5	
236	24.5	21.2	31.8	

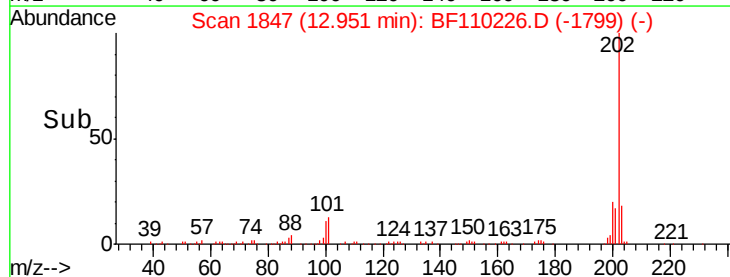
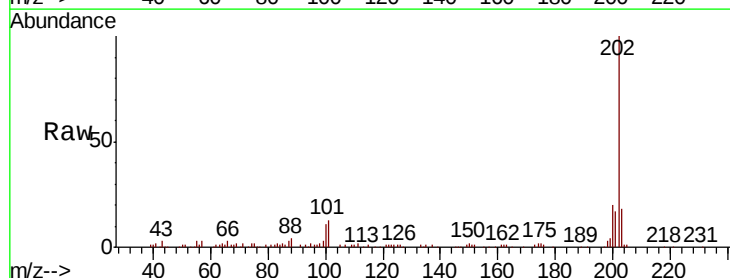
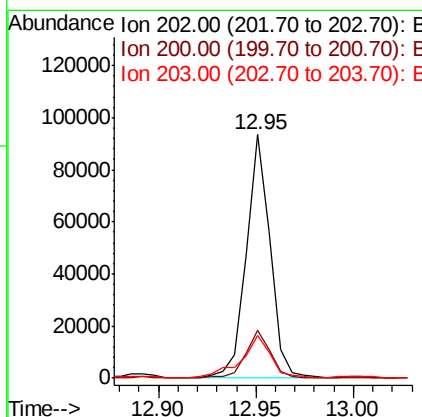
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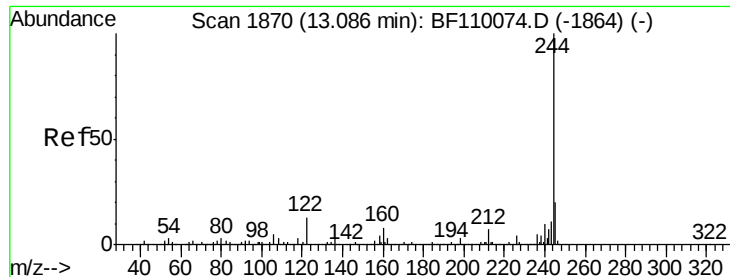
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#78
Pyrene
Concen: 5.214 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.02 min
Lab File: BF110226.D
Acq: 26 Oct 2018 22:45

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	79483		
200	19.6	17.8	26.6	
203	17.6	14.2	21.4	





#79

Terphenyl-d14

Concen: 60.620 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110226.D

Acq: 26 Oct 2018 22:45

Instrument :

BNA_F

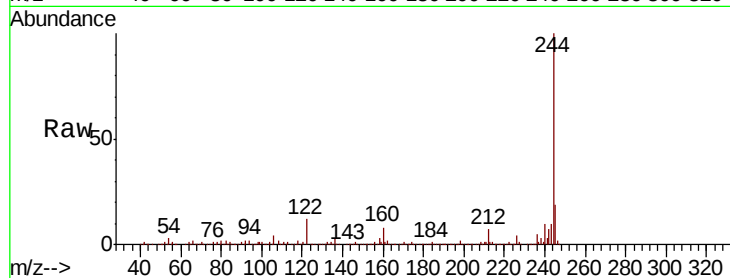
ClientSampled :

TP-13

Tot Ion:	244	Resp:	619742
Ion Ratio		Lower	Upper
244	100		
212	6.9	5.8	8.8
122	12.5	8.7	13.1

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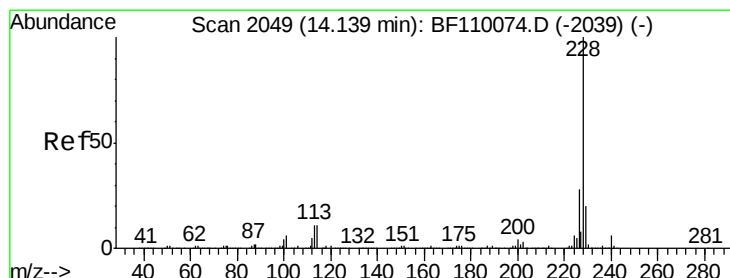
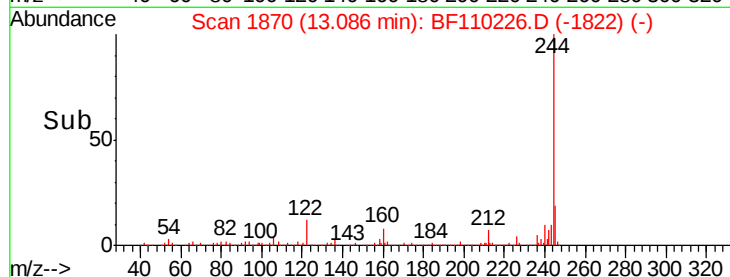
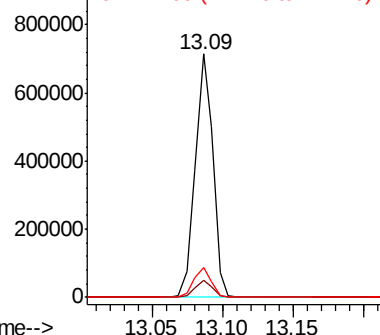


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 3.495 ng

RT: 14.14 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BF110226.D

Acq: 26 Oct 2018 22:45

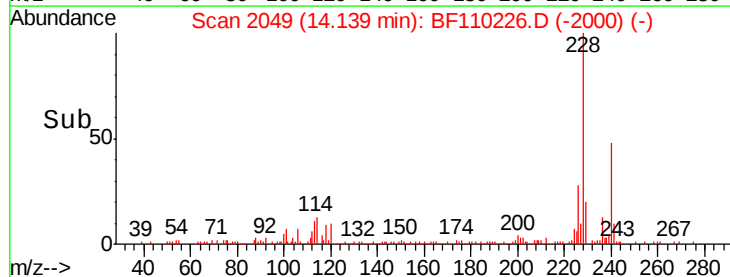
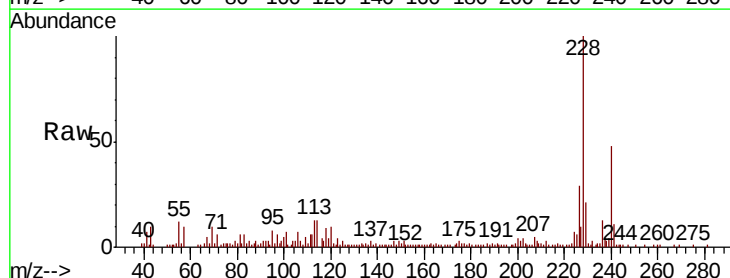
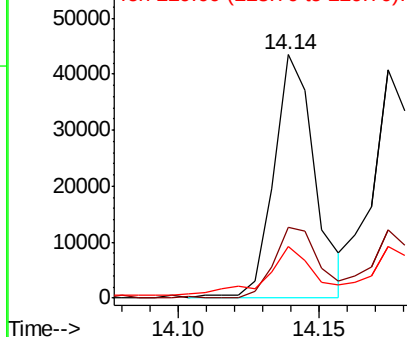
Tgt Ion:	228	Resp:	44069
Ion Ratio		Lower	Upper
228	100		
226	29.2	22.1	33.1
229	21.0	15.6	23.4

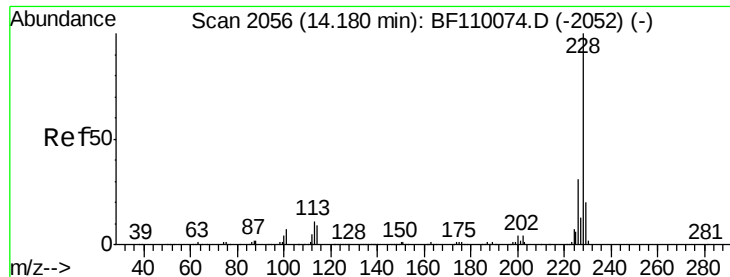
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





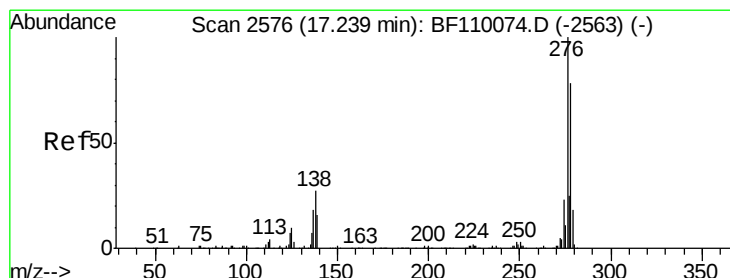
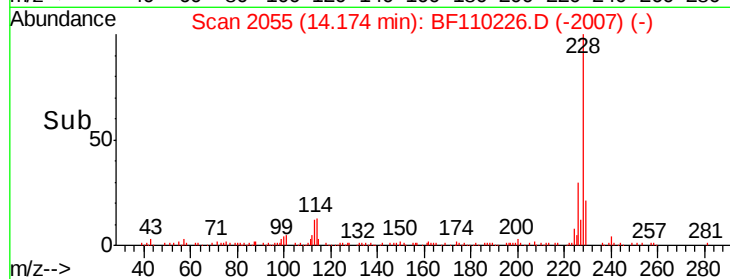
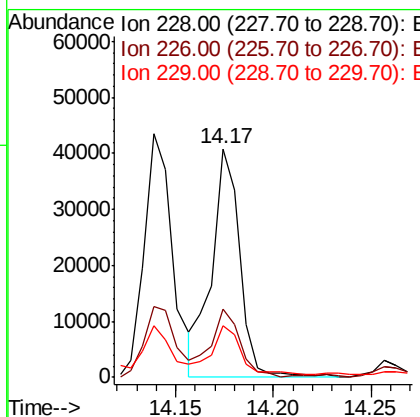
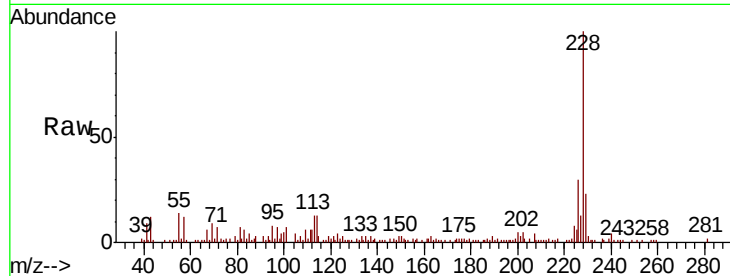
#83
Chrysene
Concen: 3.428 ng
RT: 14.17 min Scan# 2055
Delta R.T. -0.02 min
Lab File: BF110226.D
Acq: 26 Oct 2018 22:45

Instrument :
BNA_F
ClientSampled :
TP-13

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.7	37.1
229	22.5	15.9	23.9

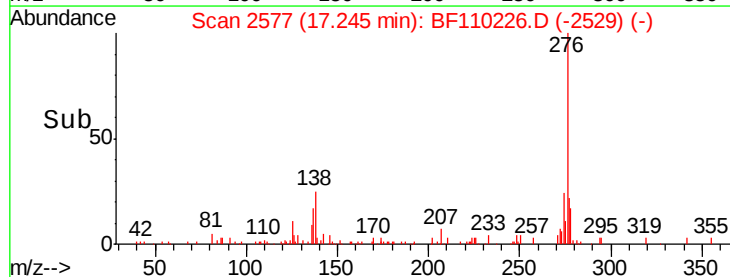
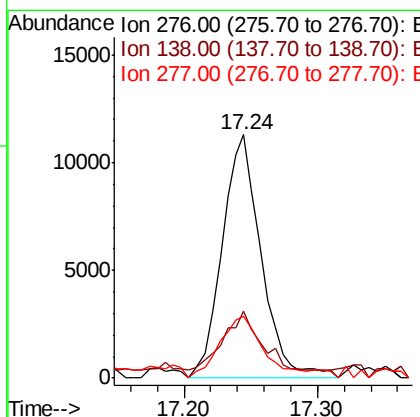
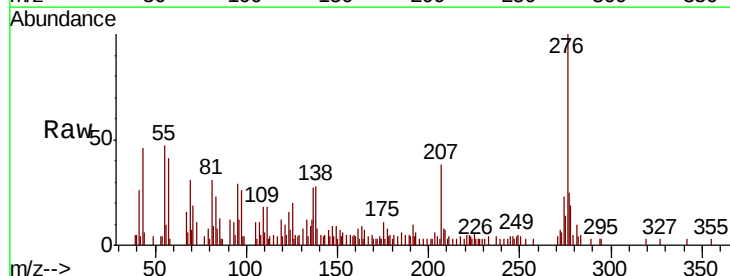
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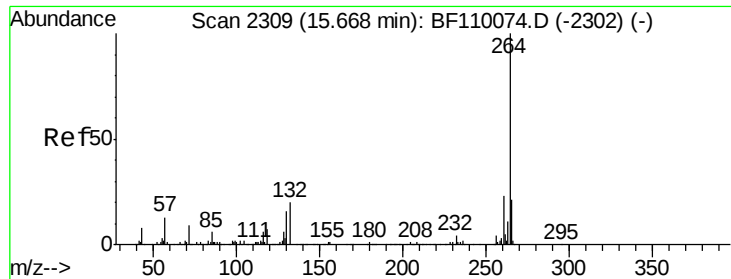
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#86
Indeno(1,2,3-cd)pyrene
Concen: 2.319 ng
RT: 17.24 min Scan# 2577
Delta R.T. -0.02 min
Lab File: BF110226.D
Acq: 26 Oct 2018 22:45

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.4	18.5	27.7
277	28.6	20.0	30.0





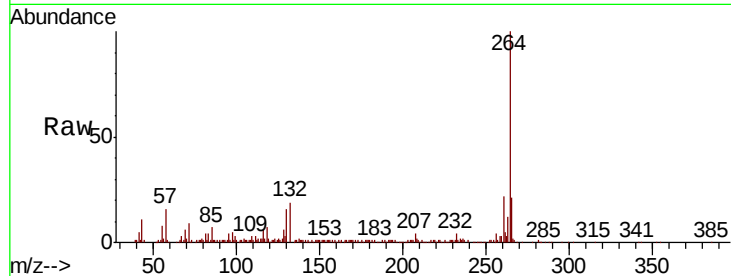
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BF110226.D
Acq: 26 Oct 2018 22:45

Instrument :
BNA_F
ClientSampleId :
TP-13

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.7	28.1
265	20.9	16.7	25.1

Manual Integrations
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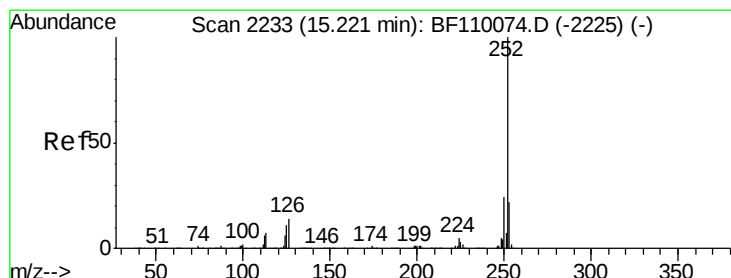
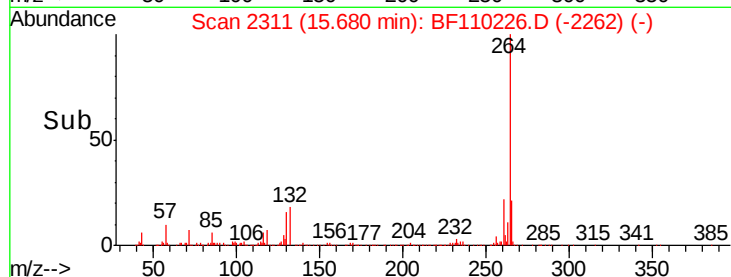
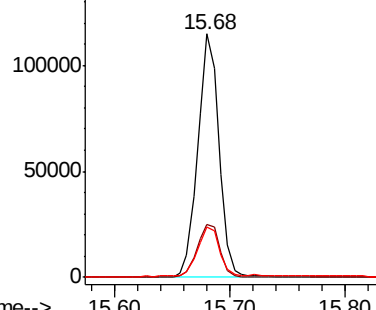


Abundance

Ion 264.00 (263.70 to 264.70): E

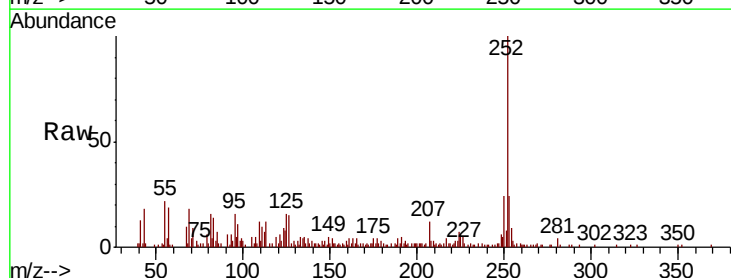
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 5.768 ng m
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF110226.D
Acq: 26 Oct 2018 22:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.2	25.8
125	16.5	8.2	12.4

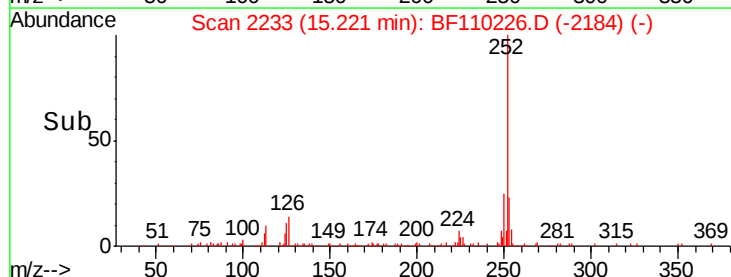
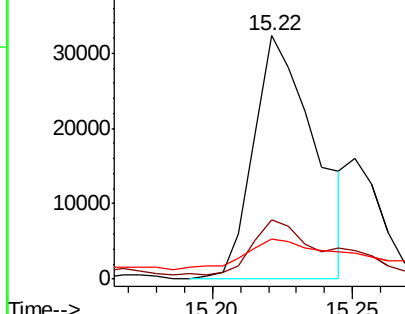


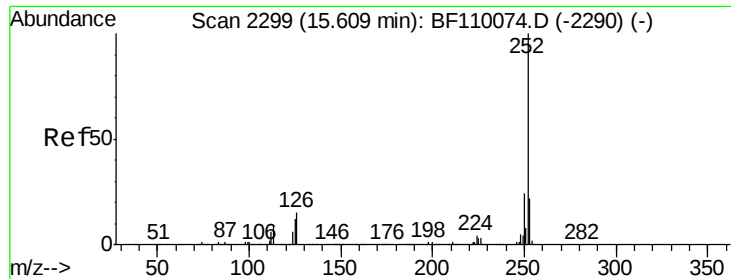
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





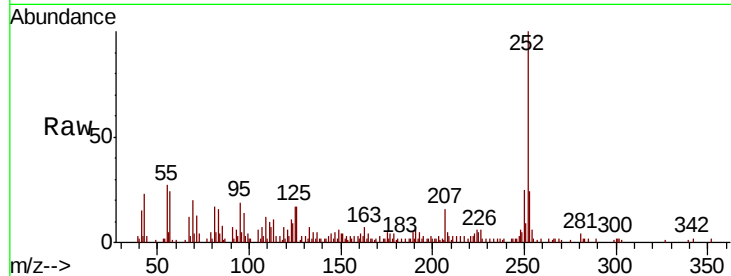
#90
Benzo(a)pyrene
Concen: 4.094 ng
RT: 15.62 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BF110226.D
Acq: 26 Oct 2018 22:45

Instrument :
BNA_F
ClientSampled :
TP-13

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.2	27.4
125	16.9	9.0	13.6

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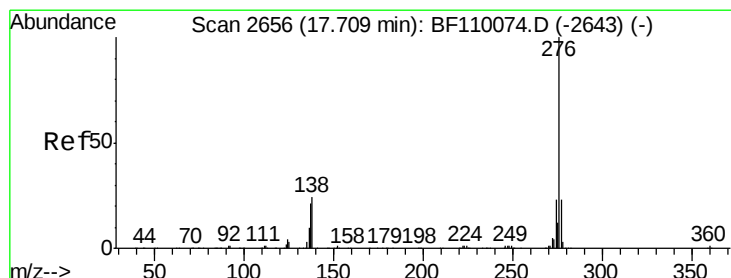
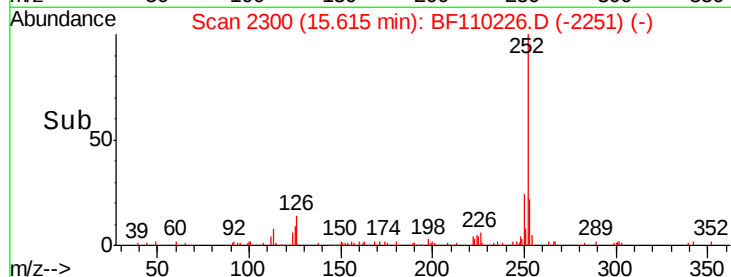
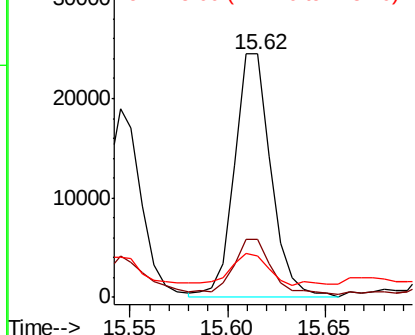


Abundance

Ion 252.00 (251.70 to 252.70): E

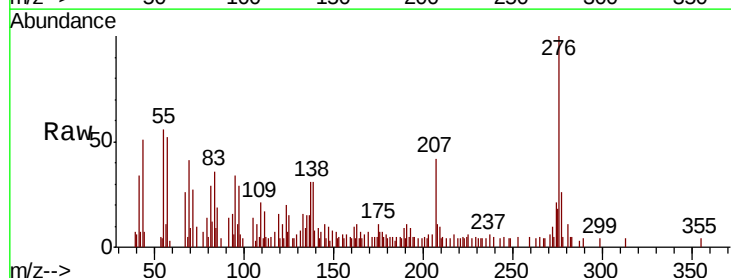
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#92
Benzo(g,h,i)perylene
Concen: 3.349 ng
RT: 17.72 min Scan# 2658
Delta R.T. -0.02 min
Lab File: BF110226.D
Acq: 26 Oct 2018 22:45

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.6	18.8	28.2
138	31.3	16.0	24.0



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

