

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072518\
 Data File : BG035885.D
 Acq On : 25 Jul 2018 22:23
 Operator : JU/SJ
 Sample : J4140-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-F-8(115-117)

Quant Time: Jul 26 02:34:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 11:04:14 2018
 Response via : Initial Calibration

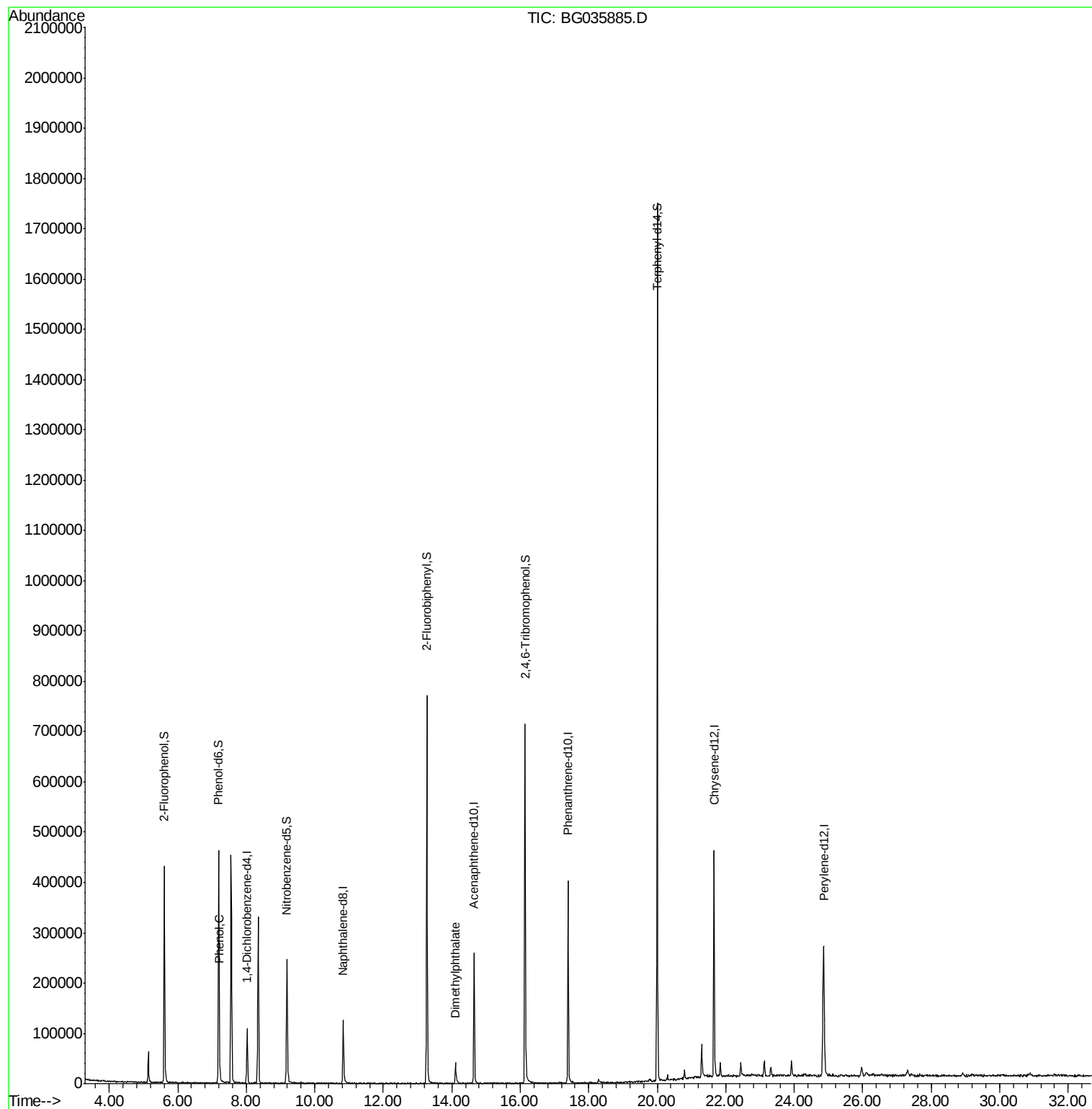
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	31350	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	119850	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	96044	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	282795	20.00	ng	0.00
75) Chrysene-d12	21.66	240	293009	20.00	ng	0.00
86) Perylene-d12	24.85	264	282575	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	197967	104.84	ng	0.00
7) Phenol-d6	7.19	99	289987	102.93	ng	0.00
23) Nitrobenzene-d5	9.19	82	184522	64.32	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	147955	116.88	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	441340	61.56	ng	0.00
78) Terphenyl-d14	20.00	244	847965	63.79	ng	0.00
Target Compounds						
10) Phenol	7.22	94	12919	4.539	ng	85
49) Dimethylphthalate	14.10	163	42728	5.078	ng	# 92

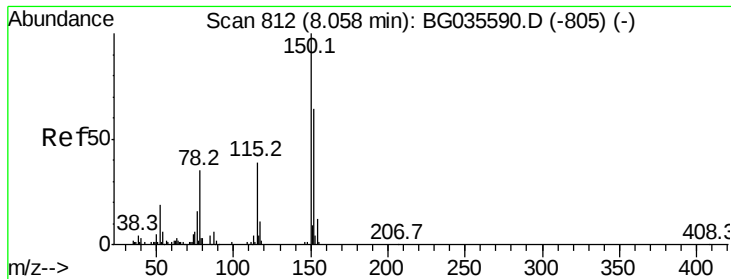
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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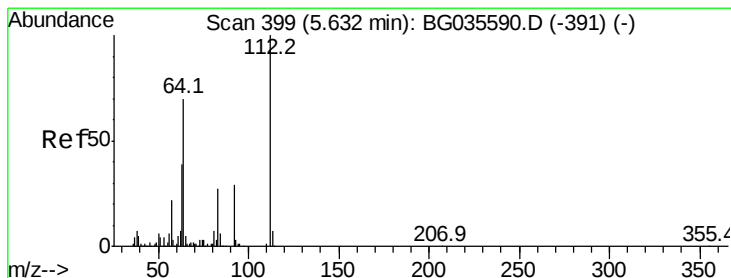
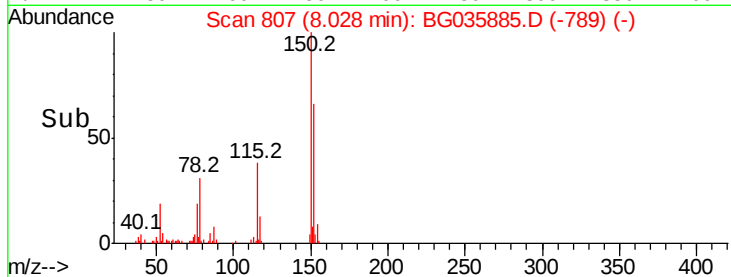
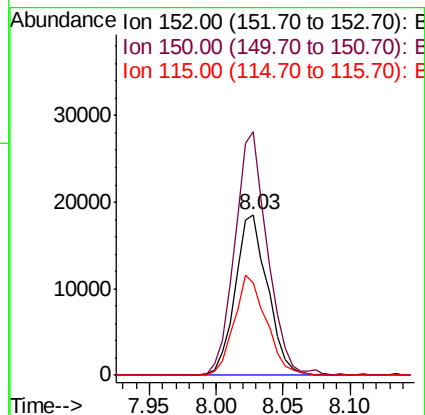
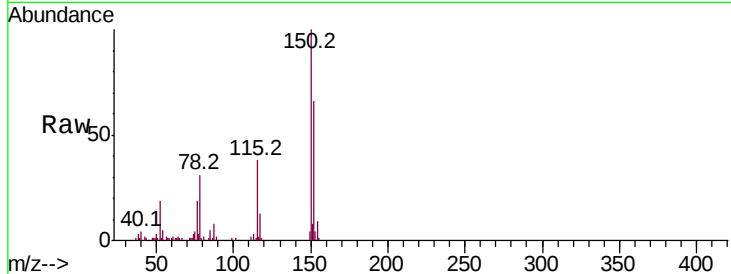


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. 0.00 min
Lab File: BG035885.D
Acq: 25 Jul 2018 22:23

Instrument :
BNA_G
ClientSampleId :
EPE-F-8(115-117)

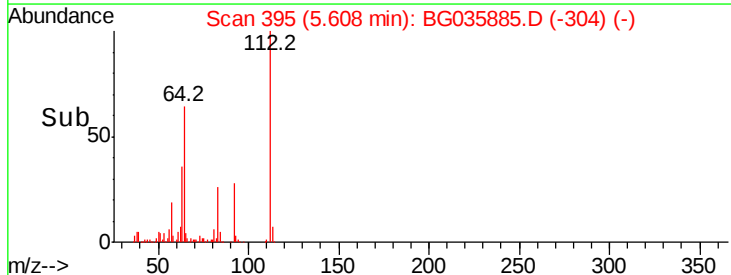
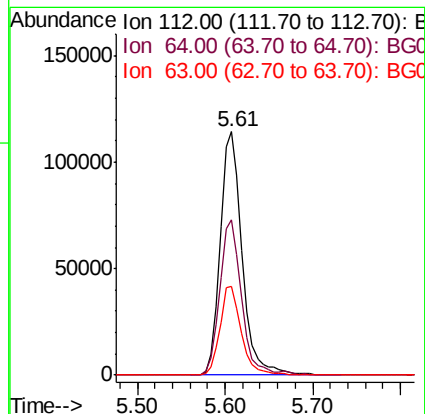
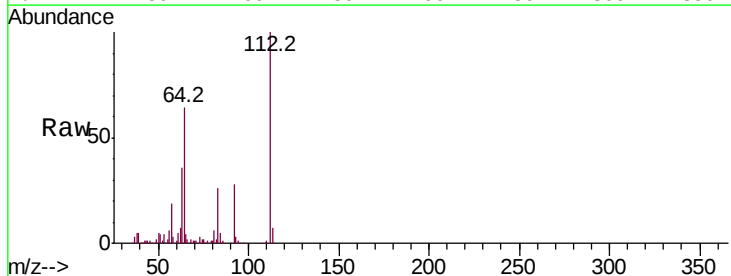
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.7	126.6	189.8
115	57.8	53.0	79.4

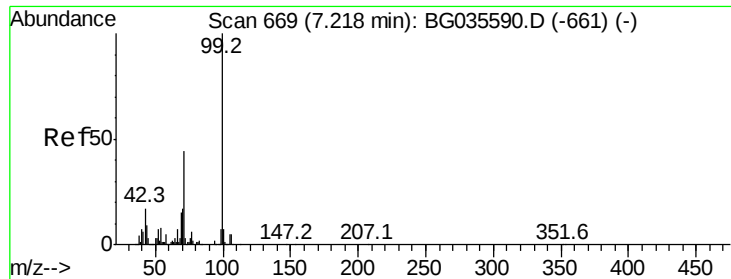


#5

2-Fluorophenol
Concen: 104.839 ng
RT: 5.61 min Scan# 395
Delta R.T. 0.00 min
Lab File: BG035885.D
Acq: 25 Jul 2018 22:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.6	56.3	84.5
63	36.4	30.1	45.1





#7

Phenol-d6

Concen: 102.931 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG035885.D

Acq: 25 Jul 2018 22:23

Instrument :

BNA_G

ClientSampleId :

EPE-F-8(115-117)

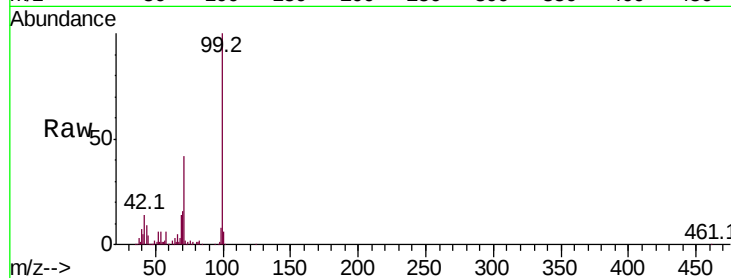
Tot Ion: 99 Resp: 289987

Ion Ratio Lower Upper

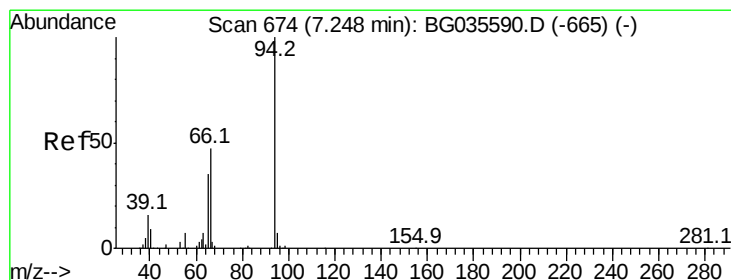
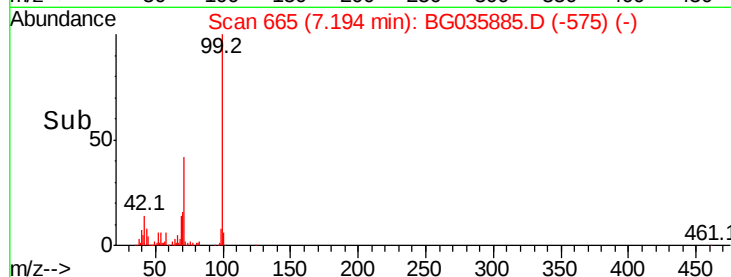
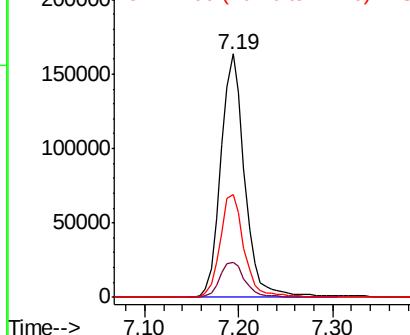
99 100

42 14.1 14.1 21.1

71 42.5 26.1 39.1#



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



#10

Phenol

Concen: 4.539 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG035885.D

Acq: 25 Jul 2018 22:23

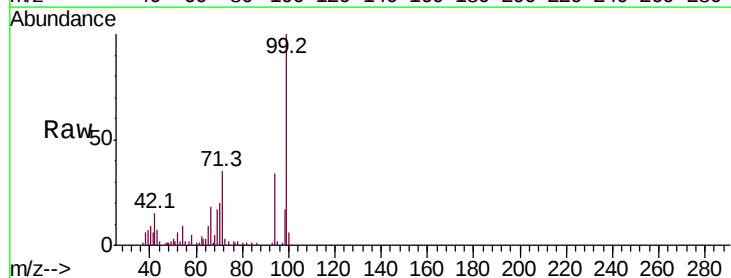
Tgt Ion: 94 Resp: 12919

Ion Ratio Lower Upper

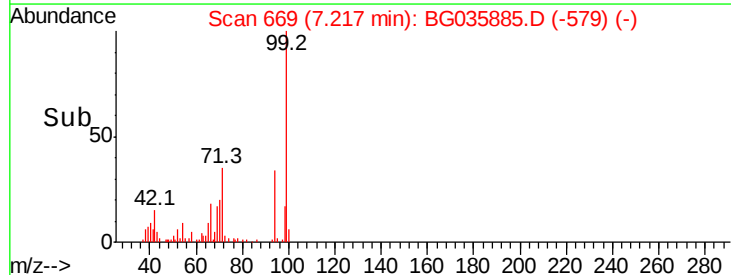
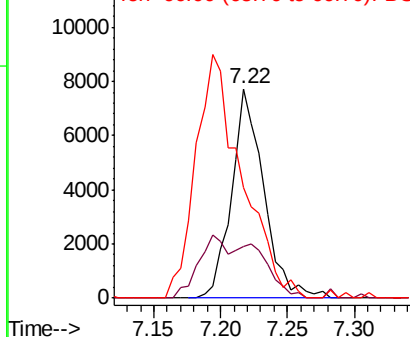
94 100

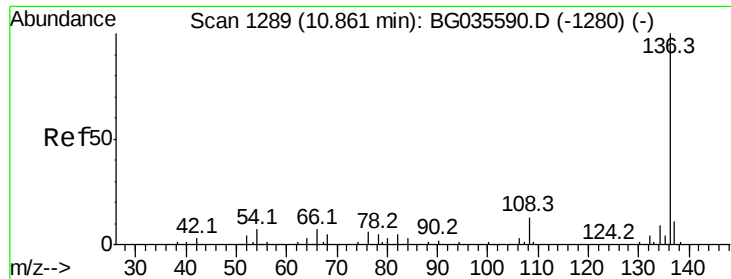
65 24.9 11.9 51.9

66 52.7 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

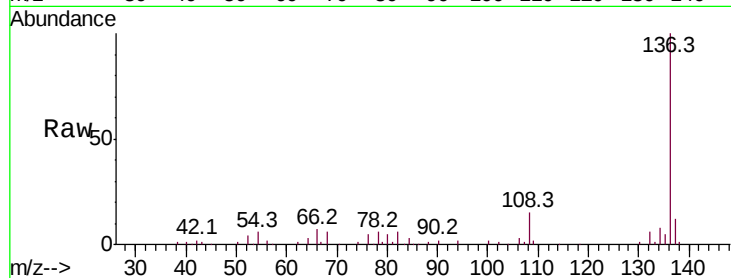




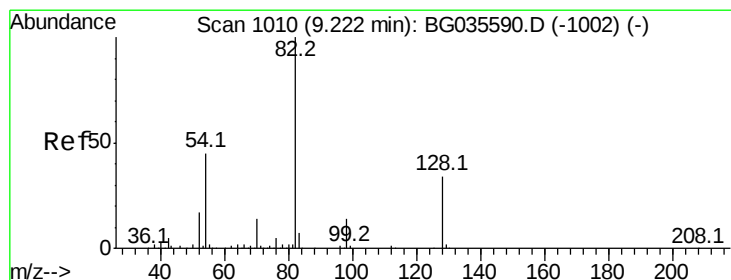
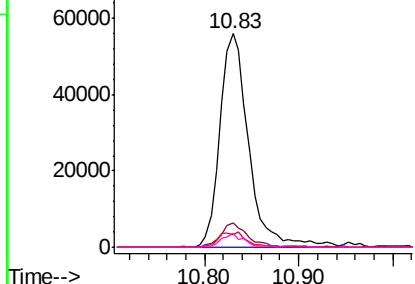
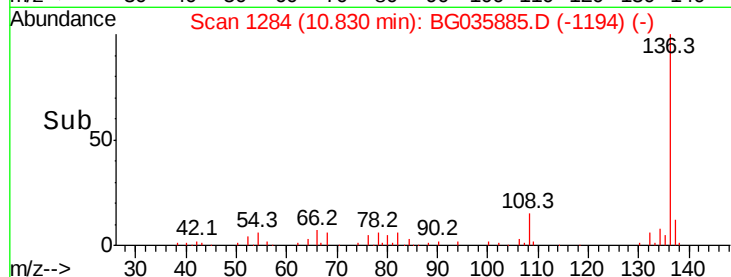
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BG035885.D
Acq: 25 Jul 2018 22:23

Instrument :
BNA_G
ClientSampleId :
EPE-F-8(115-117)

Tot Ion:	136	Resp:	119850
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	6.0	10.3	15.5
68	6.5	4.5	6.7

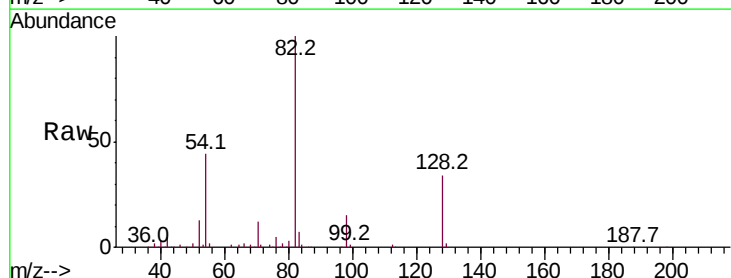


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

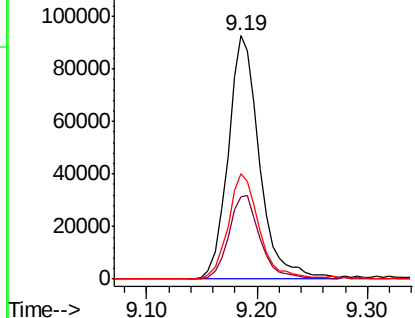
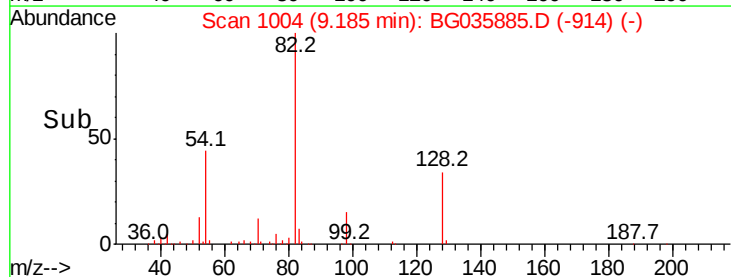


#23
Nitrobenzene-d5
Concen: 64.317 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG035885.D
Acq: 25 Jul 2018 22:23

Tgt Ion:	82	Resp:	184522
Ion	Ratio	Lower	Upper
82	100		
128	33.7	29.7	44.5
54	43.5	43.1	64.7



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BG035885.D

Acq: 25 Jul 2018 22:23

Instrument :

BNA_G

ClientSampleId :

EPE-F-8(115-117)

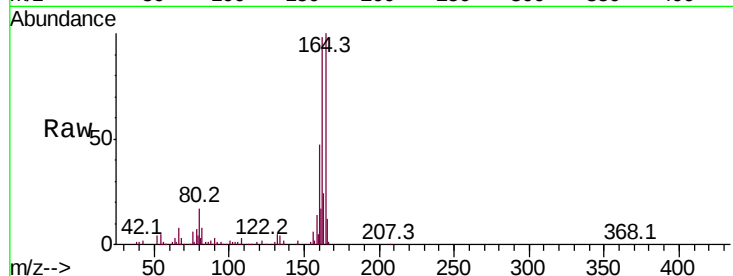
Tot Ion:164 Resp: 96044

Ion Ratio Lower Upper

164 100

162 98.1 78.8 118.2

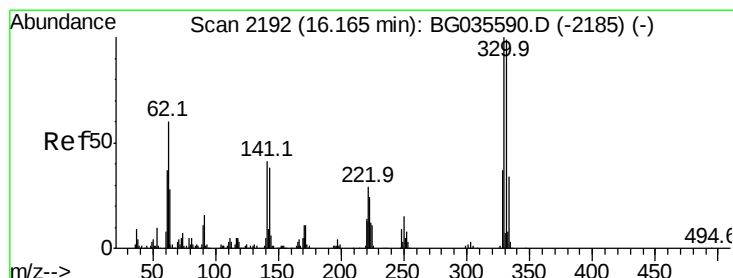
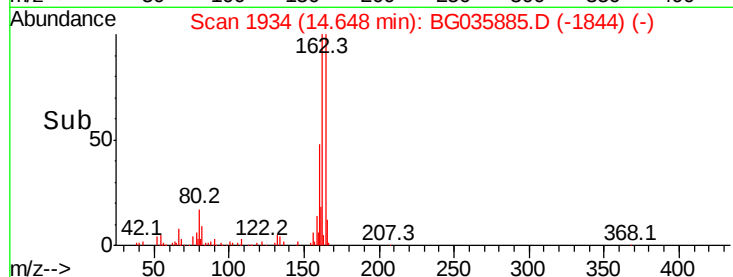
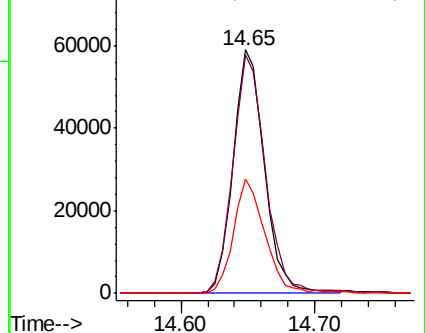
160 47.0 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 116.875 ng

RT: 16.14 min Scan# 2188

Delta R.T. -0.00 min

Lab File: BG035885.D

Acq: 25 Jul 2018 22:23

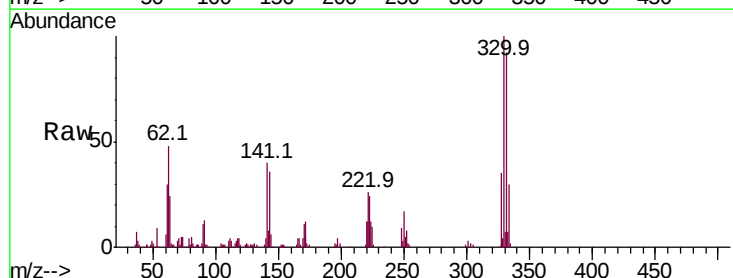
Tgt Ion:330 Resp: 147955

Ion Ratio Lower Upper

330 100

332 93.9 77.0 115.6

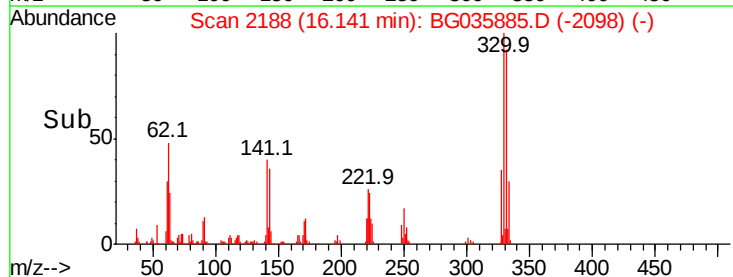
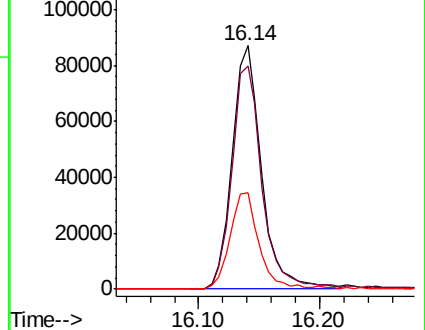
141 38.7 25.2 37.8#

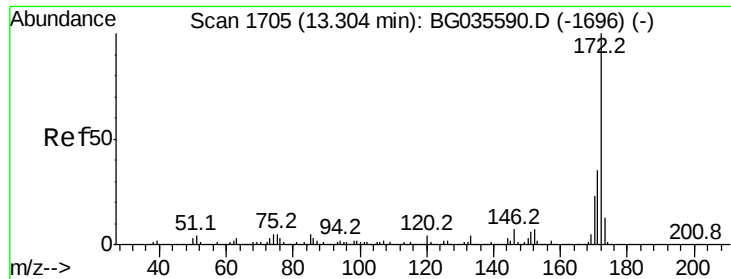


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

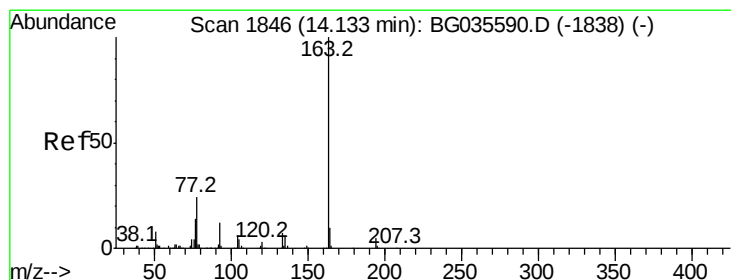
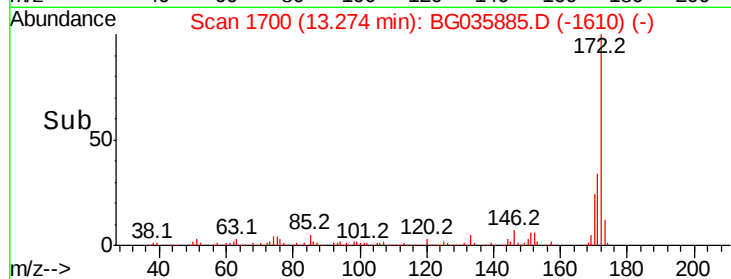
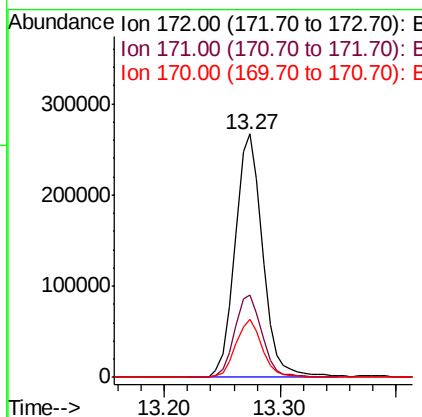
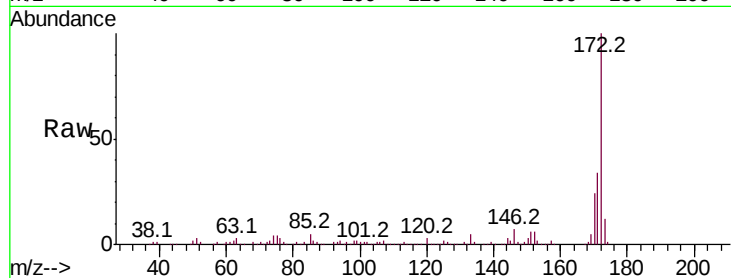




#44
2-Fluorobiphenyl
Concen: 61.564 ng
RT: 13.27 min Scan# 1700
Delta R.T. -0.00 min
Lab File: BG035885.D
Acq: 25 Jul 2018 22:23

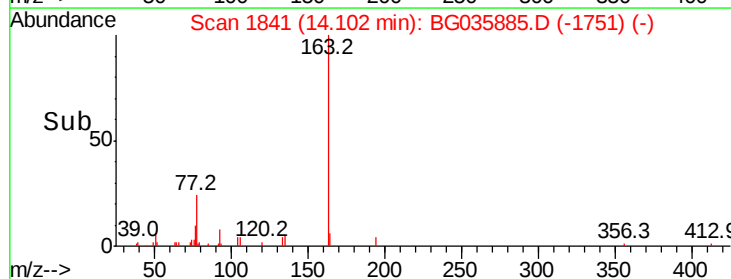
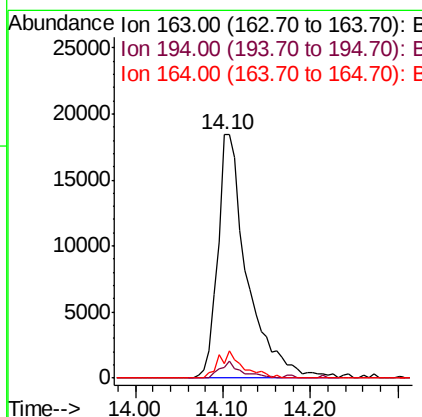
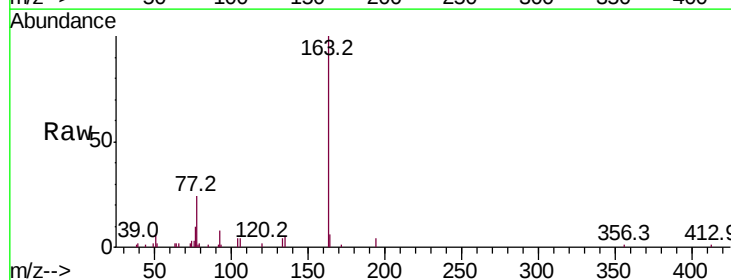
Instrument :
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ClientSampleId :
EPE-F-8(115-117)

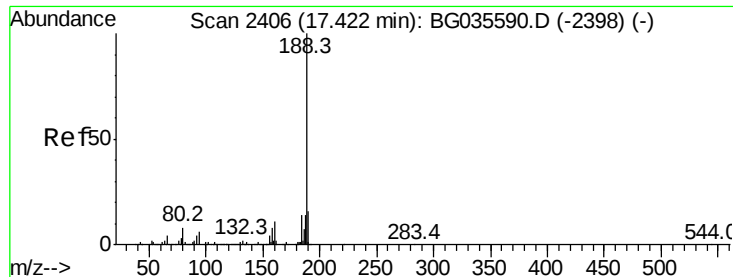
Tot Ion	Ratio	Lower	Upper
172	100		
171	33.9	30.0	45.0
170	23.9	19.5	29.3



#49
Dimethylphthalate
Concen: 5.078 ng
RT: 14.10 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BG035885.D
Acq: 25 Jul 2018 22:23

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	5.8	8.2	12.4#

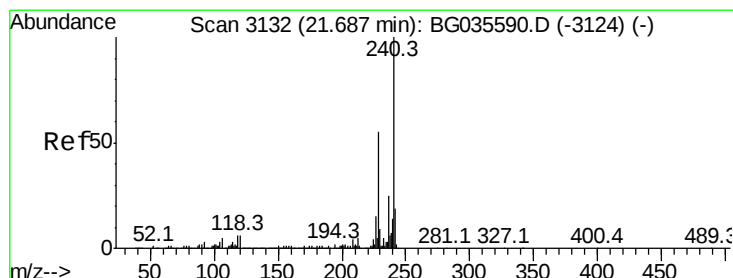
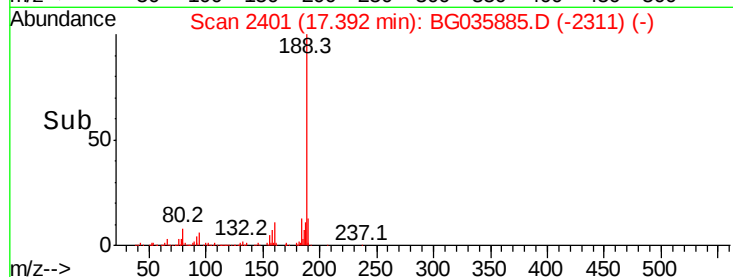
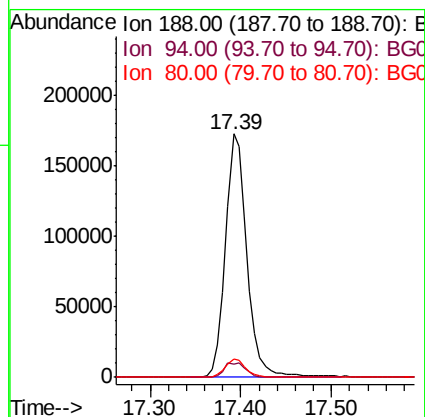
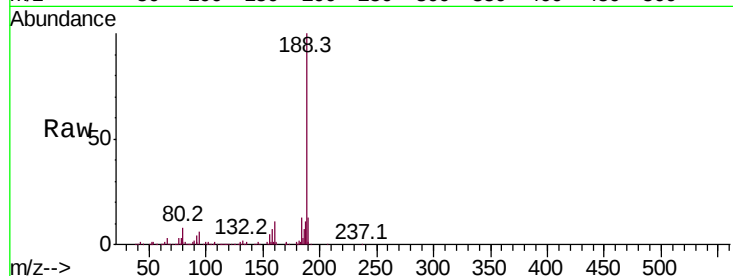




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG035885.D
Acq: 25 Jul 2018 22:23

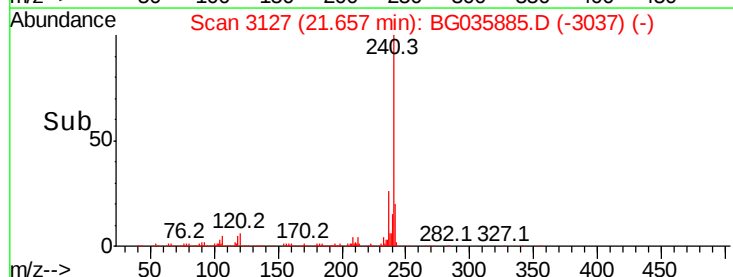
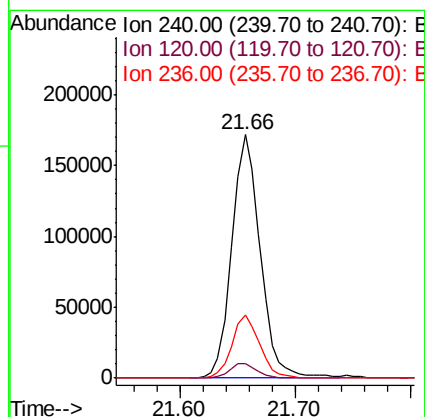
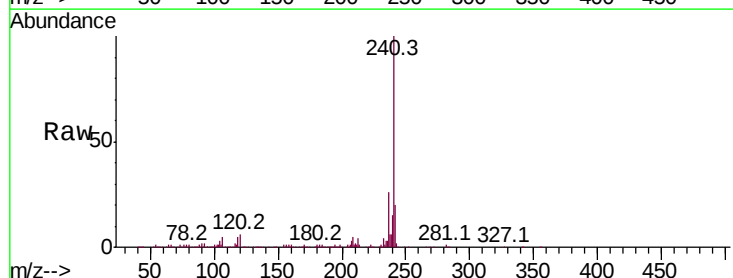
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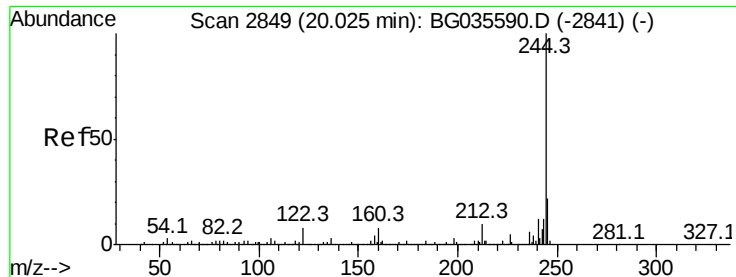
Tot Ion	Ratio	Lower	Upper
188	100		
94	5.6	6.9	10.3#
80	7.5	7.7	11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.00 min
Lab File: BG035885.D
Acq: 25 Jul 2018 22:23

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.1	6.8	10.2#
236	25.7	20.9	31.3





#78

Terphenyl-d14

Concen: 63.792 ng

RT: 20.00 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BG035885.D

Acq: 25 Jul 2018 22:23

Instrument :

BNA_G

ClientSampleId :

EPE-F-8(115-117)

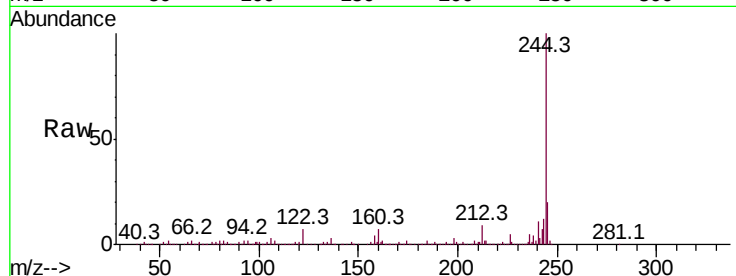
Tot Ion:244 Resp: 847965

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

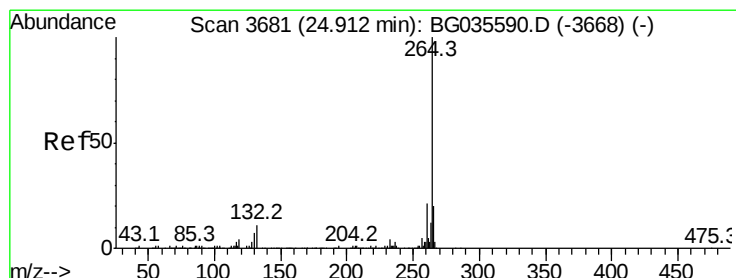
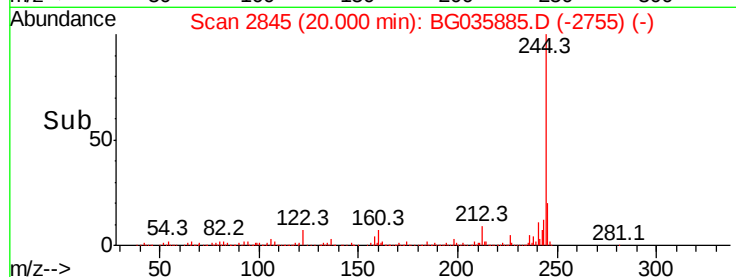
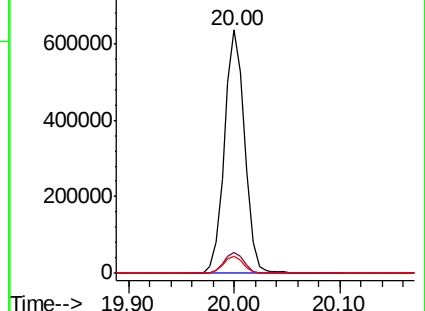
122 7.0 7.0 10.4#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3671

Delta R.T. -0.01 min

Lab File: BG035885.D

Acq: 25 Jul 2018 22:23

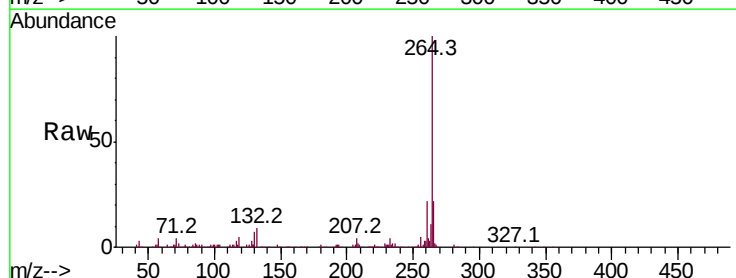
Tgt Ion:264 Resp: 282575

Ion Ratio Lower Upper

264 100

260 21.9 17.4 26.0

265 22.1 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

