

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111519\
 Data File : BE100735.D
 Acq On : 15 Nov 2019 13:47
 Operator : JU
 Sample : PB124642BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB124642BL

Quant Time: Nov 16 00:45:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 15 15:55:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	2461	0.40	ng	0.00
7) Naphthalene-d8	10.55	136	9418	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	5379	0.40	ng	-0.01
19) Phenanthrene-d10	17.13	188	12137	0.40	ng	0.00
27) Chrysene-d12	21.29	240	14650	0.40	ng	0.00
34) Perylene-d12	23.73	264	18400	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	3148	0.44	ng	0.00
5) Phenol-d6	6.94	99	4657	0.46	ng	0.00
8) Nitrobenzene-d5	8.91	82	3141	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.15	152	6659	0.44	ng	0.00
14) 2,4,6-Tribromophenol	15.89	330	97	0.27	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	8922	0.45	ng	0.00
25) Fluoranthene-d10	19.16	212	68308	0.43	ng	0.00
29) Terphenyl-d14	19.76	244	14538	0.42	ng	0.00

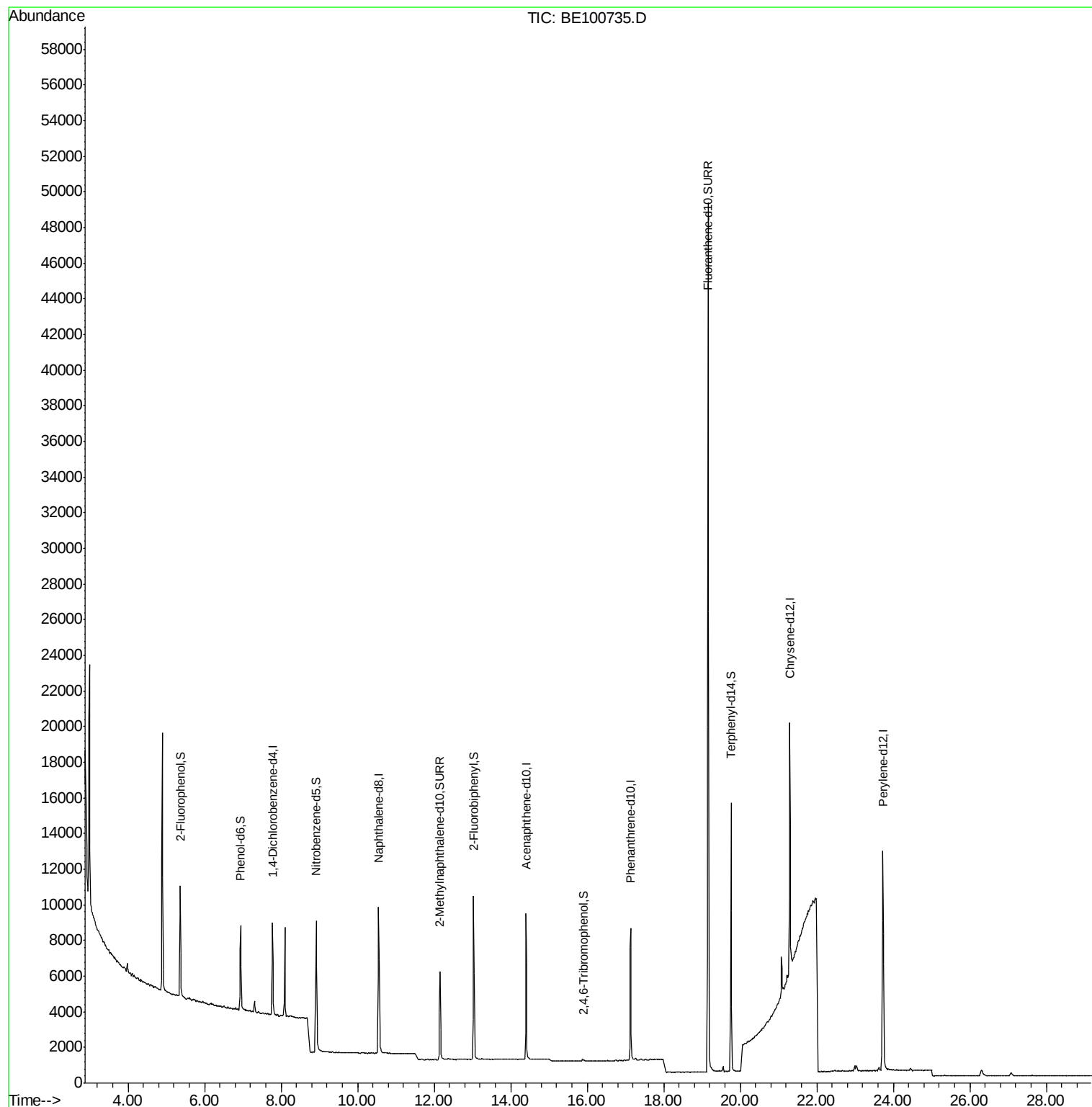
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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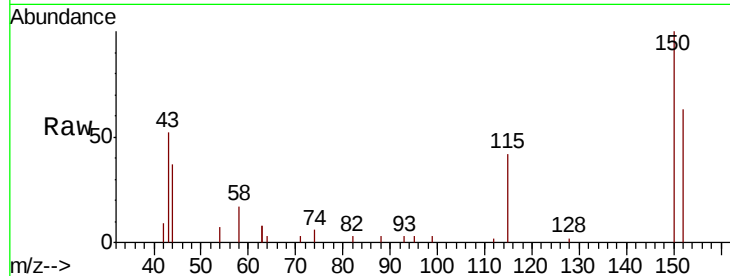


#1

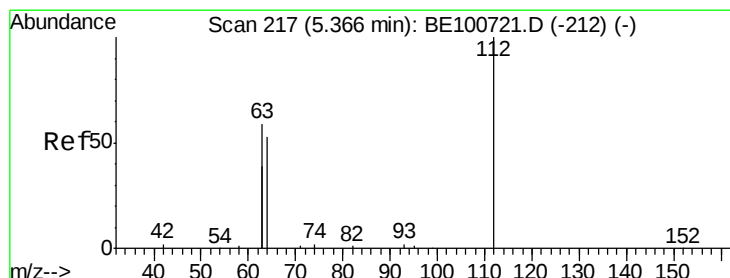
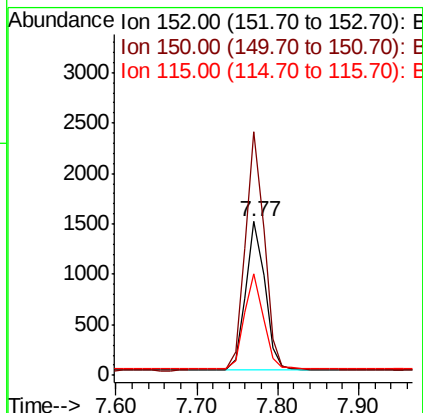
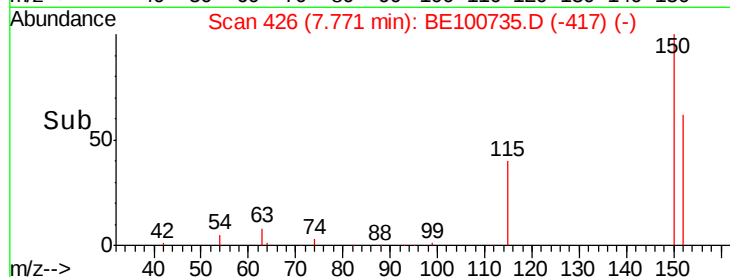
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.77 min Scan# 426
Delta R.T. -0.00 min
Lab File: BE100735.D
Acq: 15 Nov 2019 13:47

Instrument :
BNA_E
ClientSampleId :
PB124642BL

Tot Ion:152 Resp: 2461
Ion Ratio Lower Upper
152 100
150 158.6 123.4 185.0
115 66.2 52.1 78.1



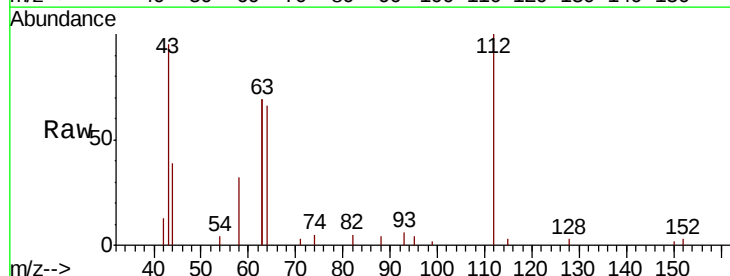
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



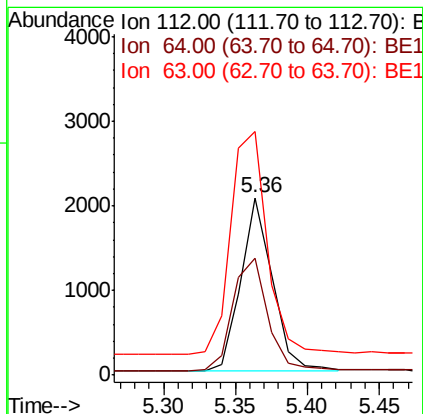
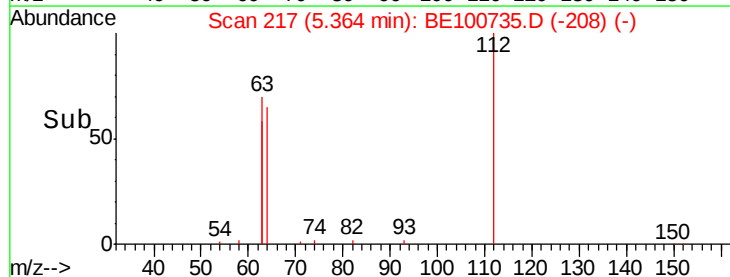
#4

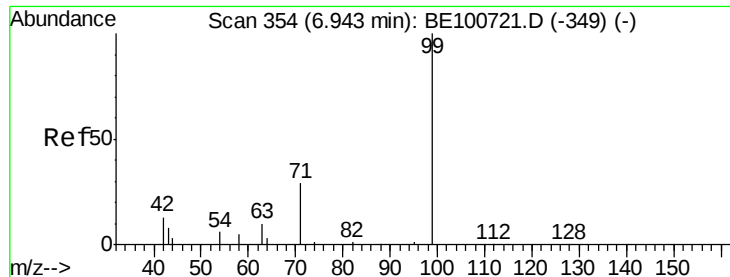
2-Fluorophenol
Concen: 0.438 ng
RT: 5.36 min Scan# 217
Delta R.T. -0.00 min
Lab File: BE100735.D
Acq: 15 Nov 2019 13:47

Tgt Ion:112 Resp: 3148
Ion Ratio Lower Upper
112 100
64 71.2 58.3 87.5
63 146.1 115.4 173.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE1
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.458 ng

RT: 6.94 min Scan# 354

Delta R.T. -0.00 min

Lab File: BE100735.D

Acq: 15 Nov 2019 13:47

Instrument :

BNA_E

ClientSampleId :

PB124642BL

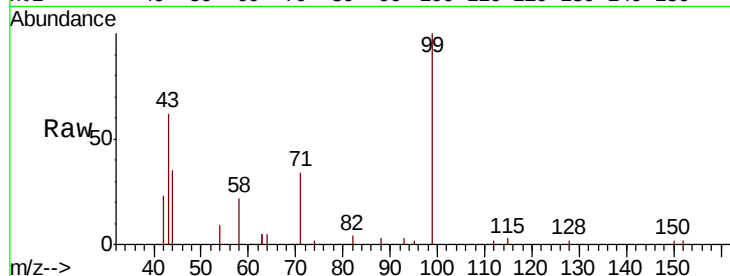
Tot Ion: 99 Resp: 4657

Ion Ratio Lower Upper

99 100

42 21.0 17.8 26.6

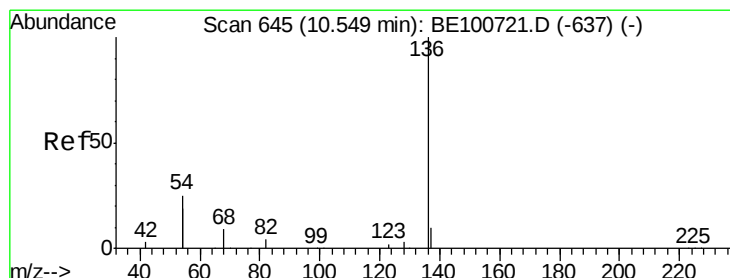
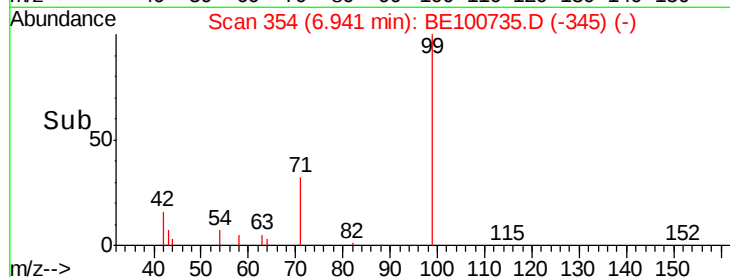
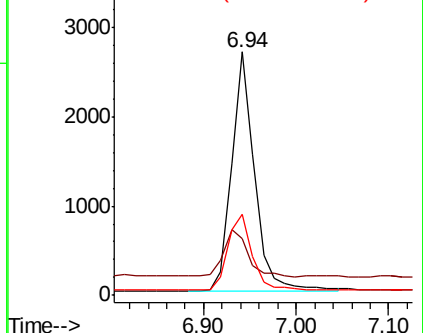
71 33.5 27.3 40.9



Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.55 min Scan# 645

Delta R.T. 0.00 min

Lab File: BE100735.D

Acq: 15 Nov 2019 13:47

Tgt Ion: 136 Resp: 9418

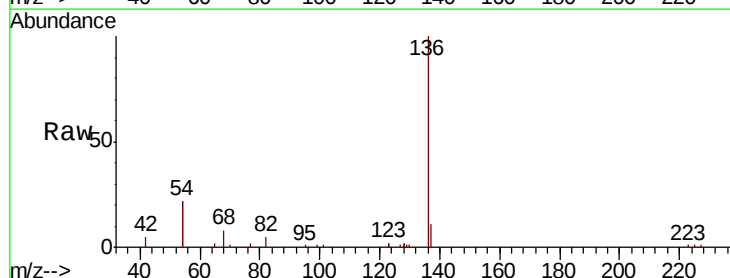
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 43.6 39.0 58.6

68 8.0 7.8 11.8

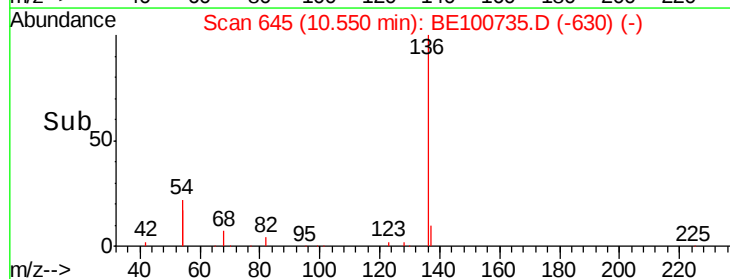
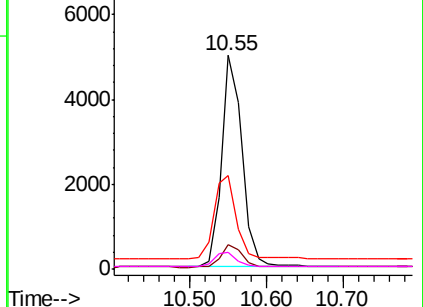


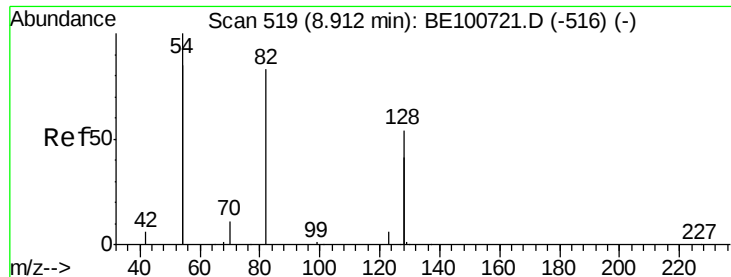
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1

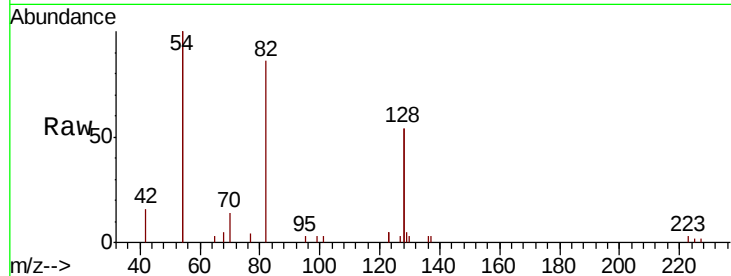




#8
 Nitrobenzene-d5
 Concen: 0.392 ng
 RT: 8.91 min Scan# 519
 Delta R.T. 0.00 min
 Lab File: BE100735.D
 Acq: 15 Nov 2019 13:47

Instrument :
 BNA_E
 ClientSampleId :
 PB124642BL

Tot Ion	Ratio	Lower	Upper
82	100		
128	124.7	99.6	149.4
54	231.9	183.8	275.8



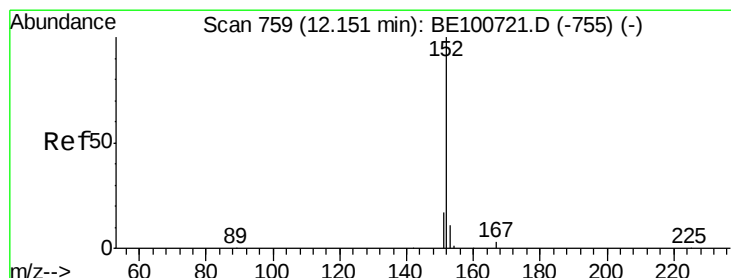
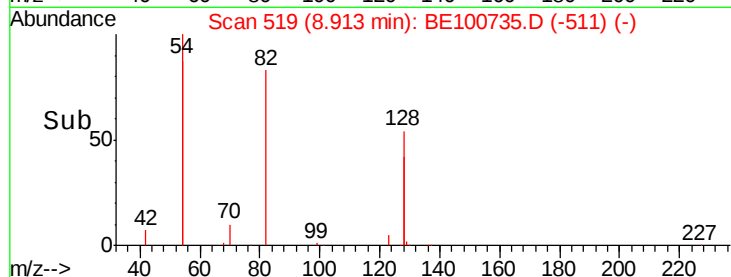
Abundance

Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): BE1

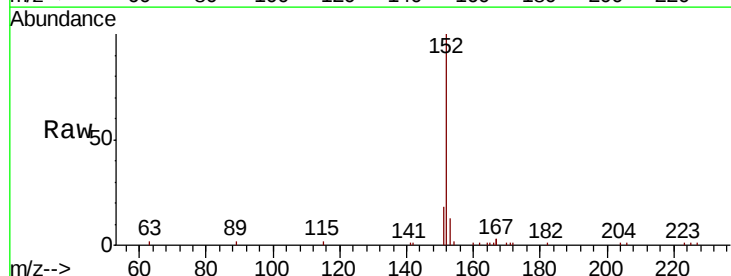
Ion 54.00 (53.70 to 54.70): BE1

Time-->



#11
 2-Methylnaphthalene-d10
 Concen: 0.443 ng
 RT: 12.15 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: BE100735.D
 Acq: 15 Nov 2019 13:47

Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.2	14.2	21.4

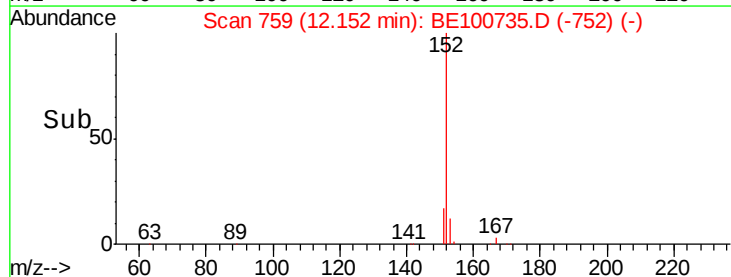


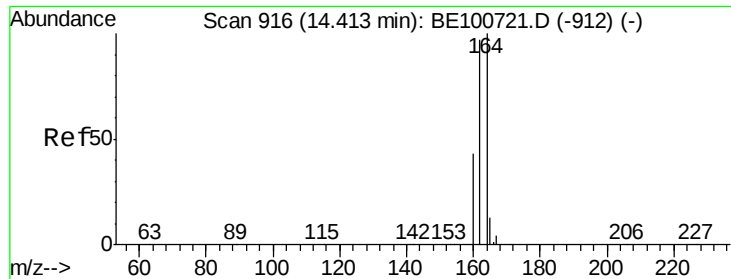
Abundance

Ion 152.00 (151.70 to 152.70): BE1

Ion 151.00 (150.70 to 151.70): BE1

Time-->

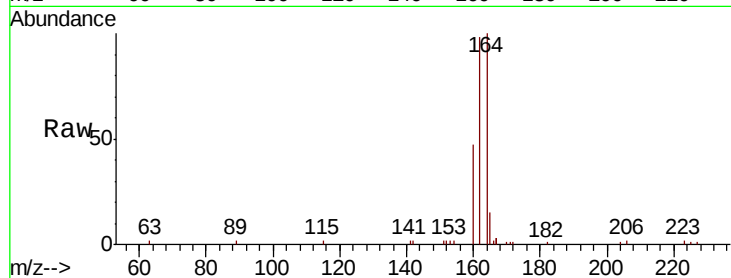




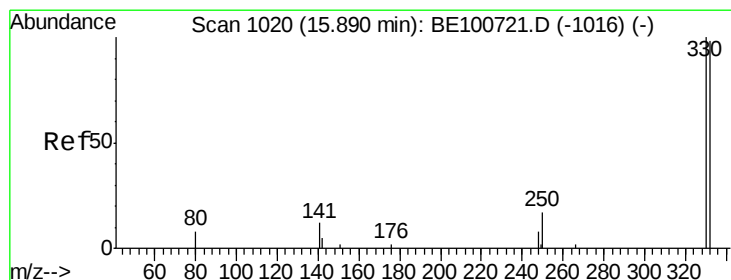
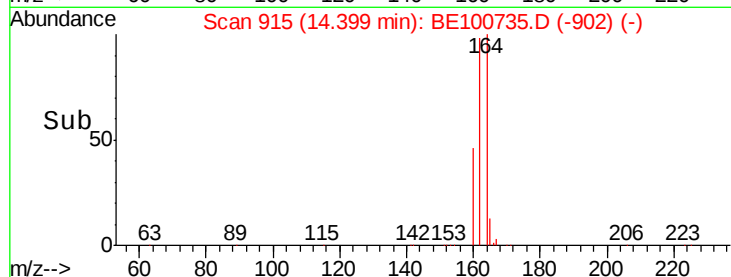
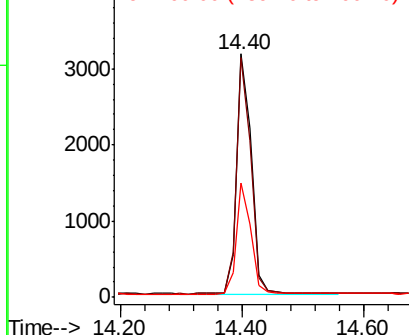
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. -0.01 min
Lab File: BE100735.D
Acq: 15 Nov 2019 13:47

Instrument :
BNA_E
ClientSampleId :
PB124642BL

Tot Ion:164 Resp: 5379
Ion Ratio Lower Upper
164 100
162 98.4 77.8 116.8
160 47.0 35.3 52.9

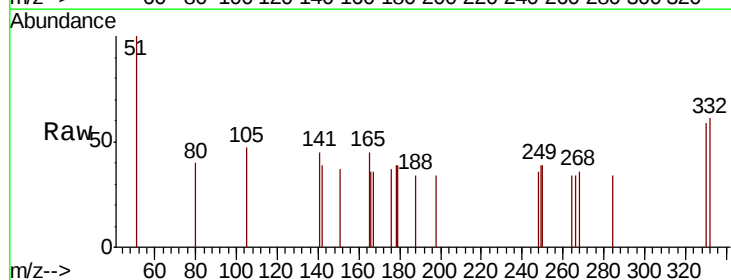


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

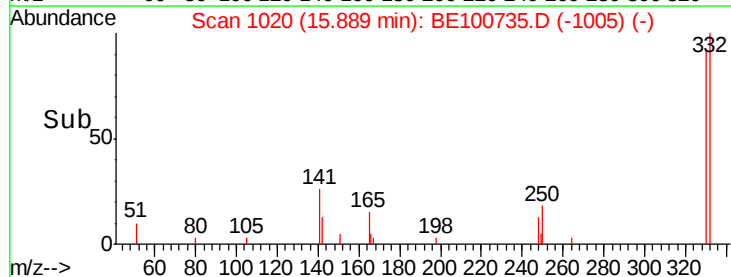
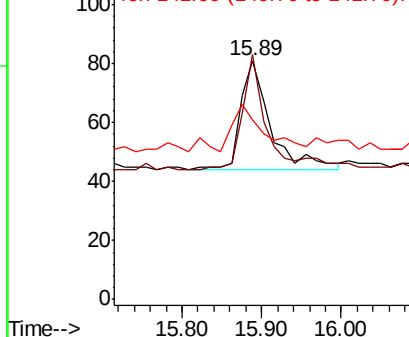


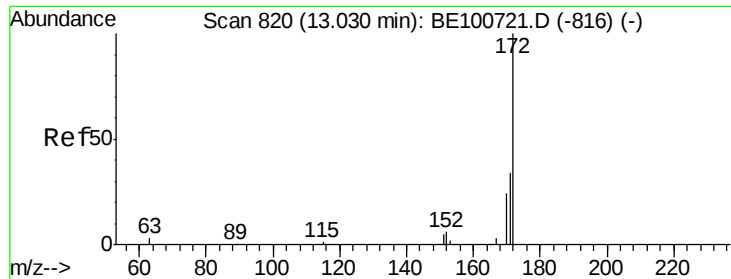
#14
2,4,6-Tribromophenol
Concen: 0.266 ng
RT: 15.89 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BE100735.D
Acq: 15 Nov 2019 13:47

Tgt Ion:330 Resp: 97
Ion Ratio Lower Upper
330 100
332 77.3 85.0 127.6#
141 52.6 28.2 42.2#



Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

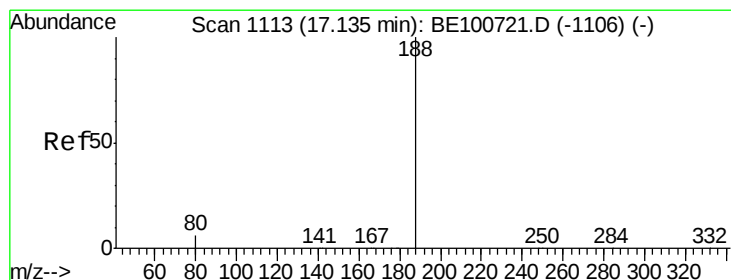
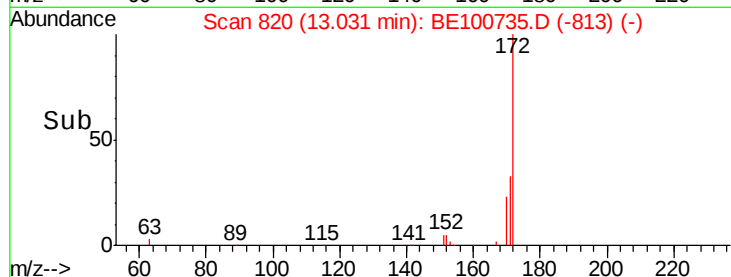
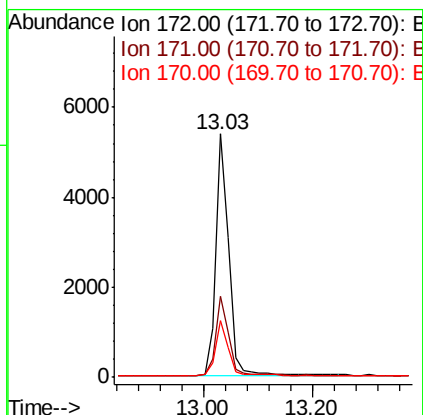
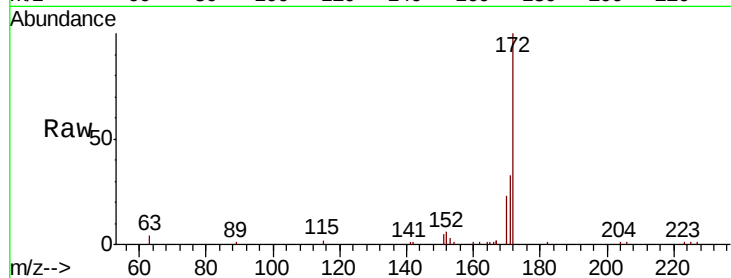




#15
2-Fluorobiphenyl
Concen: 0.452 ng
RT: 13.03 min Scan# 820
Delta R.T. 0.00 min
Lab File: BE100735.D
Acq: 15 Nov 2019 13:47

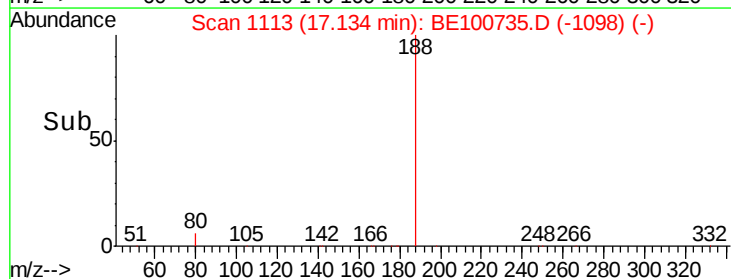
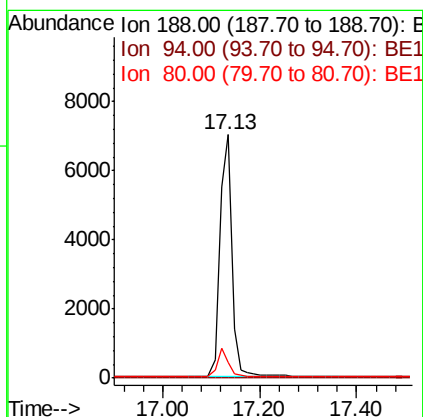
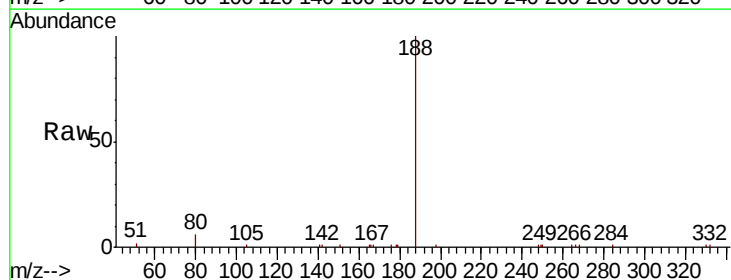
Instrument :
BNA_E
ClientSampleId :
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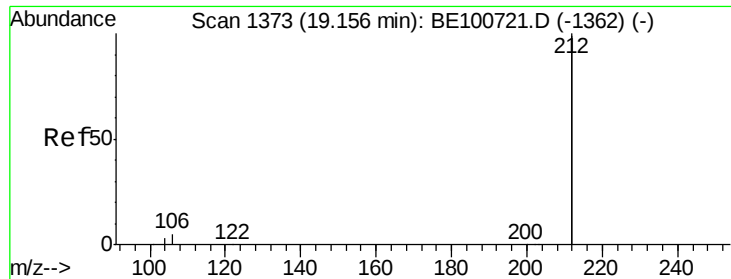
Tot Ion:172 Resp: 8922
Ion Ratio Lower Upper
172 100
171 33.4 28.1 42.1
170 23.4 19.8 29.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.13 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BE100735.D
Acq: 15 Nov 2019 13:47

Tgt Ion:188 Resp: 12137
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.4 5.4 8.0





#25

Fluoranthene-d10

Concen: 0.426 ng

RT: 19.16 min Scan# 1373

Delta R.T. -0.00 min

Lab File: BE100735.D

Acq: 15 Nov 2019 13:47

Instrument :

BNA_E

ClientSampleId :

PB124642BL

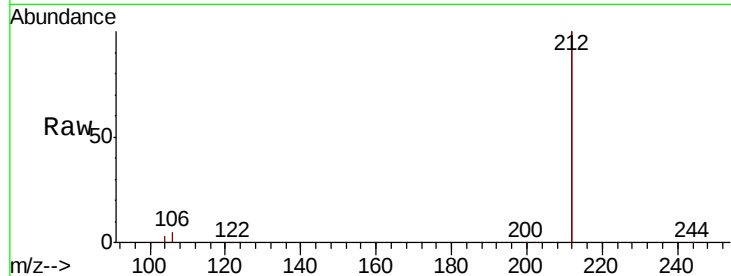
Tot Ion:212 Resp: 68308

Ion Ratio Lower Upper

212 100

106 2.6 2.2 3.4

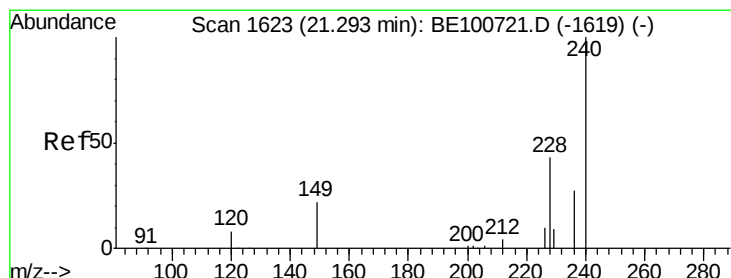
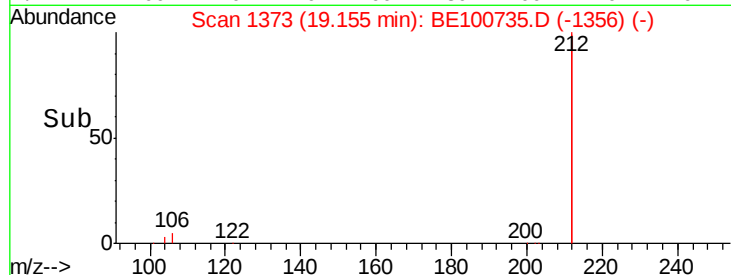
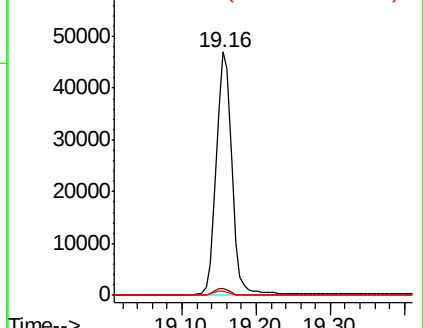
104 1.5 1.2 1.8



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE100735.D

Acq: 15 Nov 2019 13:47

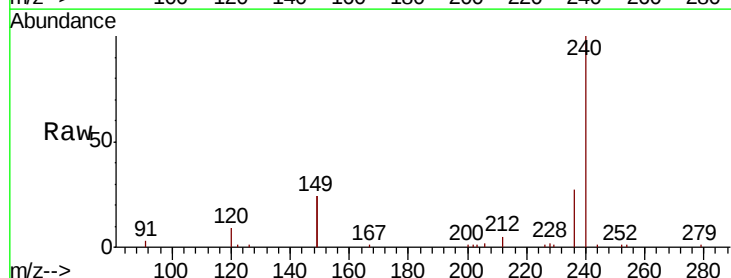
Tgt Ion:240 Resp: 14650

Ion Ratio Lower Upper

240 100

120 8.9 7.4 11.0

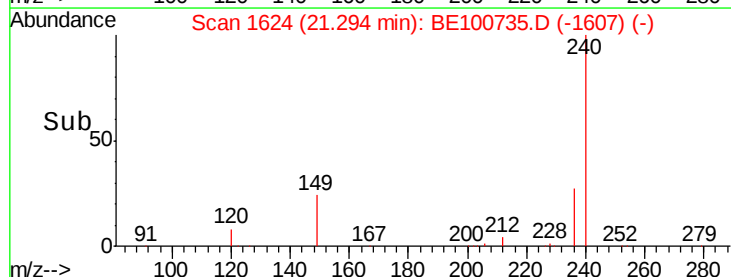
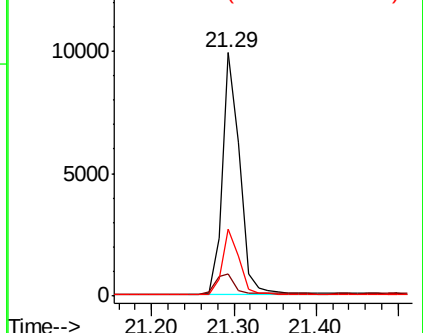
236 27.3 21.8 32.6

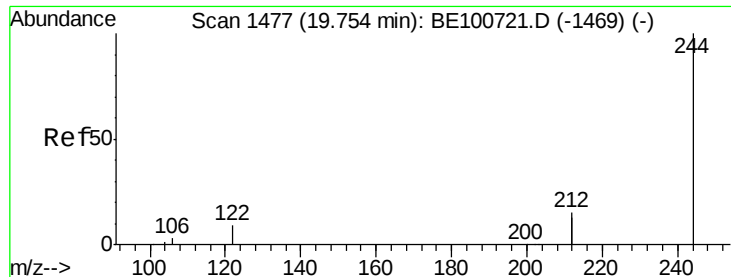


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.416 ng

RT: 19.76 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BE100735.D

Acq: 15 Nov 2019 13:47

Instrument :

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PB124642BL

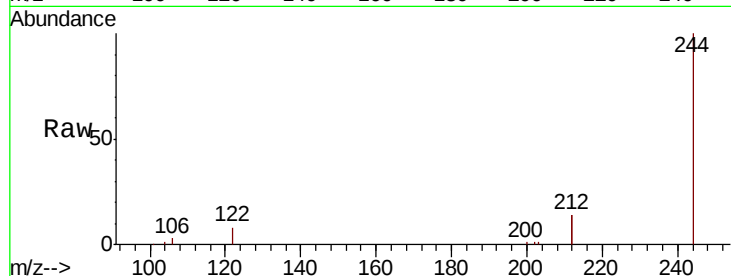
Tot Ion:244 Resp: 14538

Ion Ratio Lower Upper

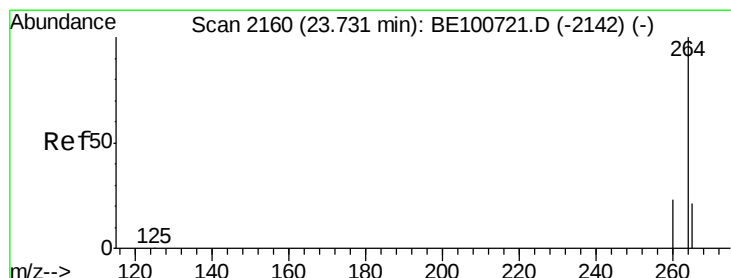
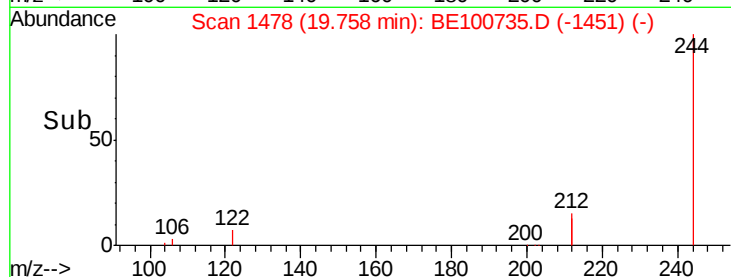
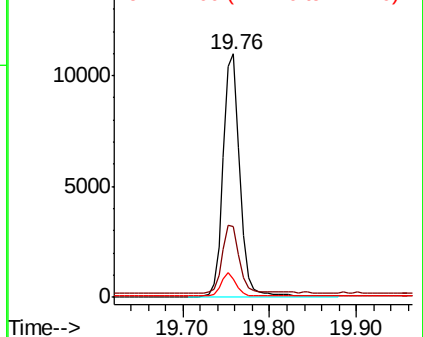
244 100

212 29.0 24.3 36.5

122 7.6 7.6 11.4#



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.73 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BE100735.D

Acq: 15 Nov 2019 13:47

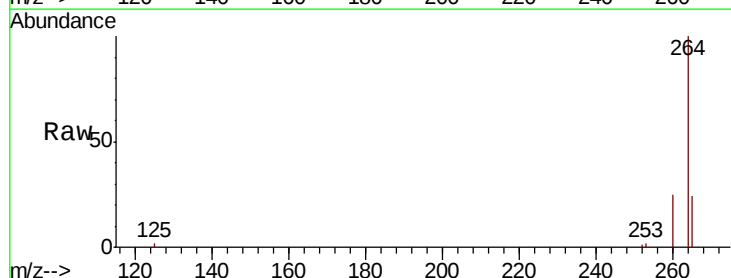
Tgt Ion:264 Resp: 18400

Ion Ratio Lower Upper

264 100

260 25.1 19.1 28.7

265 23.7 19.7 29.5



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

