

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092319\
 Data File : BE100540.D
 Acq On : 23 Sep 2019 15:11
 Operator : HP/JU
 Sample : PB123166BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB123166BL

Quant Time: Sep 23 15:54:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 20 18:26:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	9611	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	39654	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	19763	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	36211	0.40	ng	0.00
27) Chrysene-d12	21.37	240	28486	0.40	ng	0.00
34) Perylene-d12	23.83	264	44101	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.44	112	4165	0.19	ng	0.00
5) Phenol-d6	7.02	99	4724	0.15	ng	0.00
8) Nitrobenzene-d5	9.00	82	4017	0.18	ng	0.00
11) 2-Methylnaphthalene-d10	12.24	152	11443	0.19	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	354	0.11	ng	0.01
15) 2-Fluorobiphenyl	13.12	172	14289	0.20	ng	0.00
25) Fluoranthene-d10	19.23	212	118712	0.28	ng	0.00
29) Terphenyl-d14	19.82	244	36151	0.54	ng	0.00

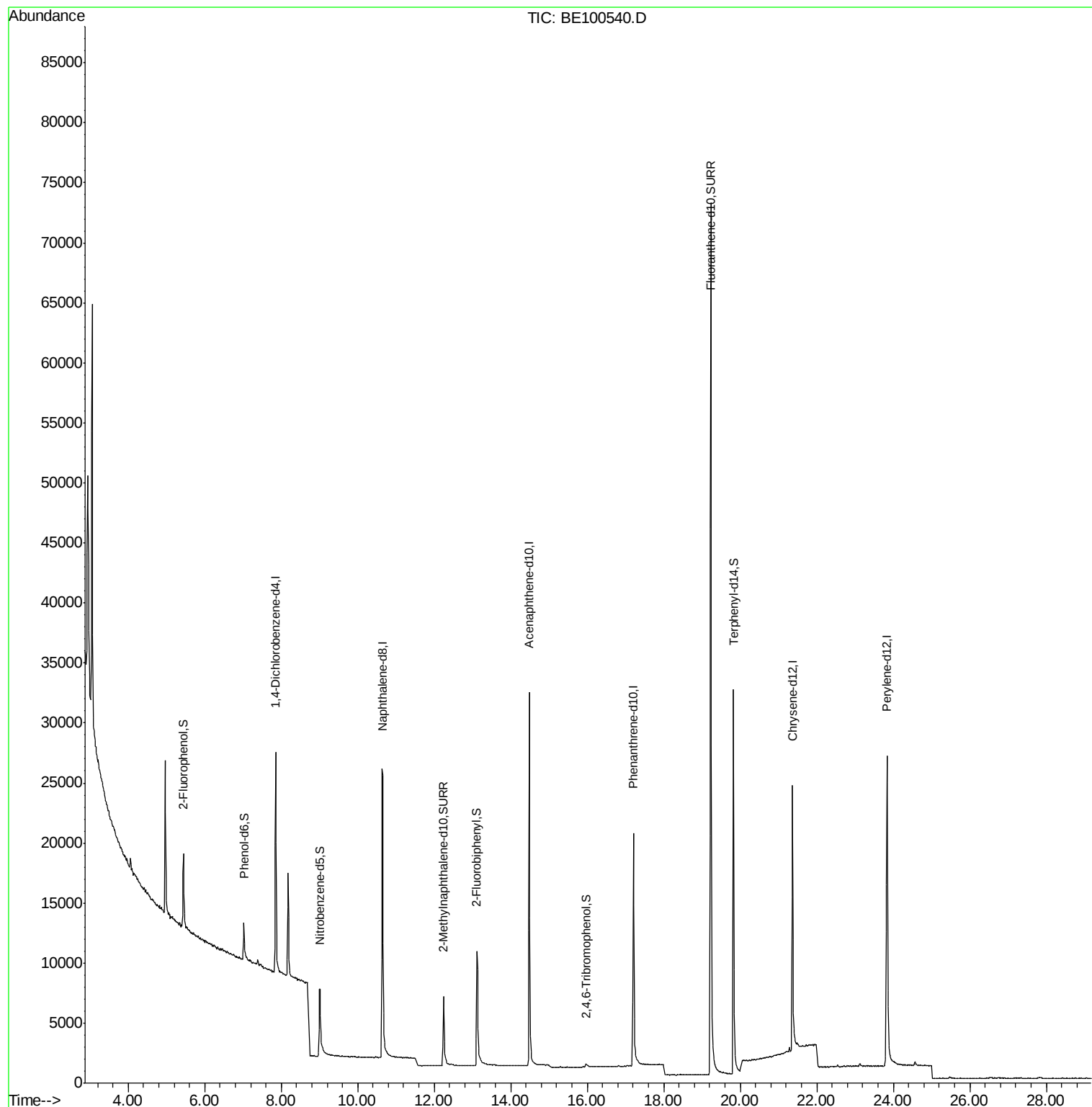
Target Compounds	Qvalue

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

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QLast Update : Fri Sep 20 18:26:17 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. -0.00 min

Lab File: BE100540.D

Acq: 23 Sep 2019 15:11

Instrument :

BNA_E

ClientSampleId :

PB123166BL

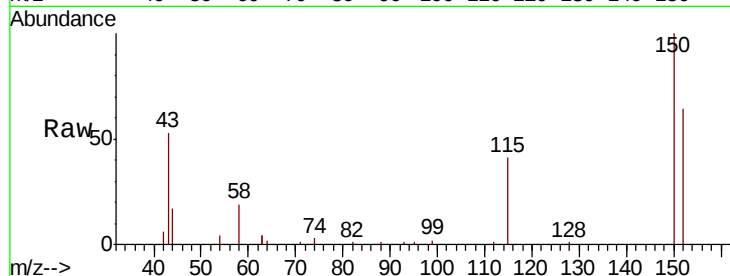
Tot Ion:152 Resp: 9611

Ion Ratio Lower Upper

152 100

150 155.7 121.6 182.4

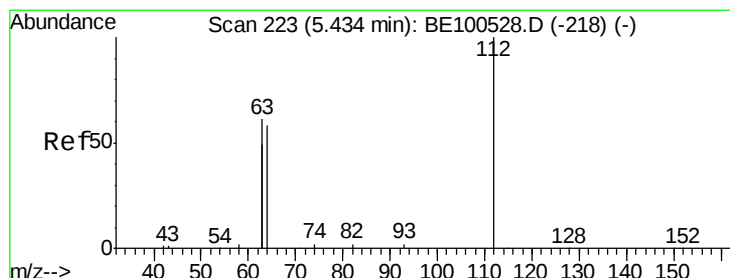
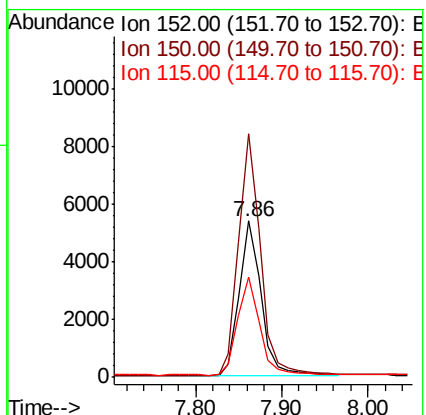
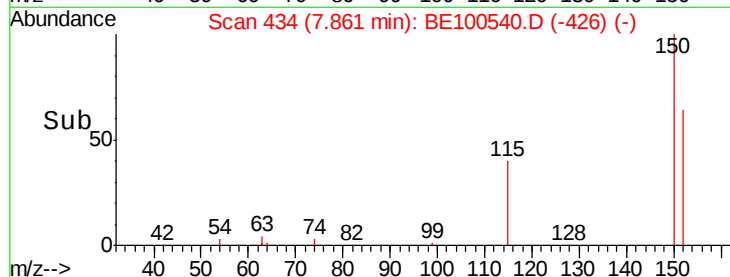
115 64.0 48.2 72.4



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: 0.185 ng

RT: 5.44 min Scan# 224

Delta R.T. 0.01 min

Lab File: BE100540.D

Acq: 23 Sep 2019 15:11

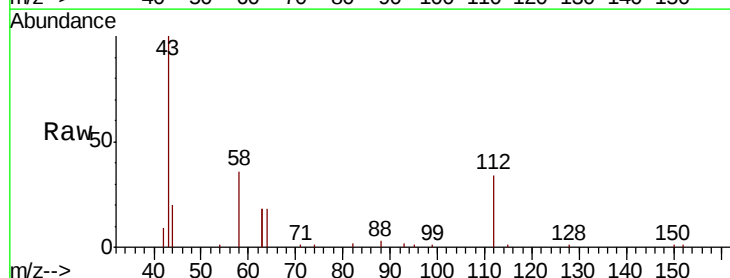
Tgt Ion:112 Resp: 4165

Ion Ratio Lower Upper

112 100

64 55.2 44.1 66.1

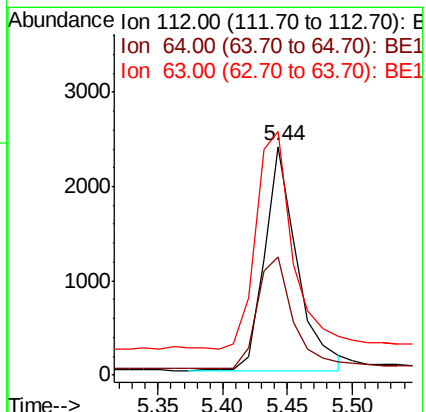
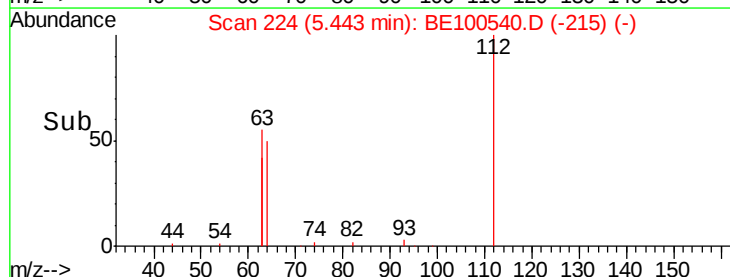
63 111.3 86.5 129.7

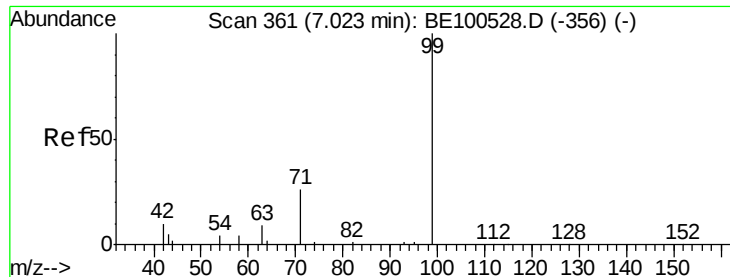


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.153 ng

RT: 7.02 min Scan# 361

Delta R.T. -0.00 min

Lab File: BE100540.D

Acq: 23 Sep 2019 15:11

Instrument :

BNA_E

ClientSampleId :

PB123166BL

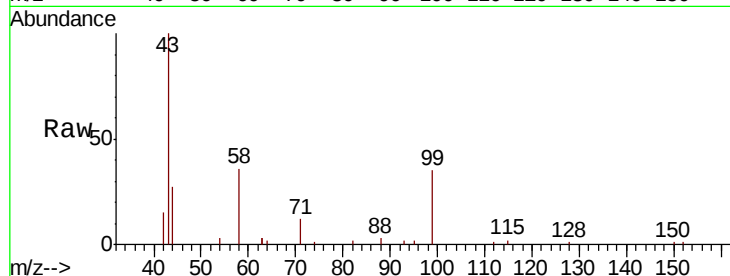
Tot Ion: 99 Resp: 4724

Ion Ratio Lower Upper

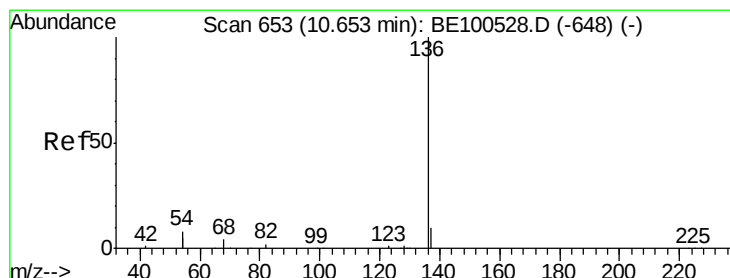
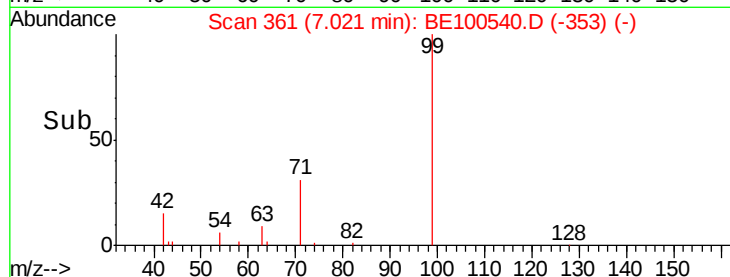
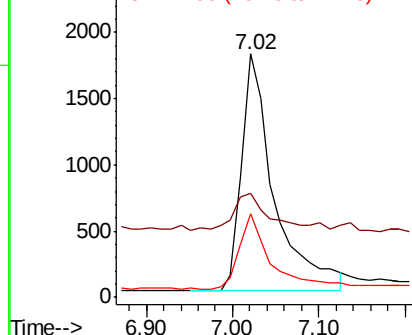
99 100

42 17.8 13.0 19.6

71 30.0 23.4 35.0



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: 10.65 min Scan# 653

Delta R.T. 0.00 min

Lab File: BE100540.D

Acq: 23 Sep 2019 15:11

Tgt Ion: 136 Resp: 39654

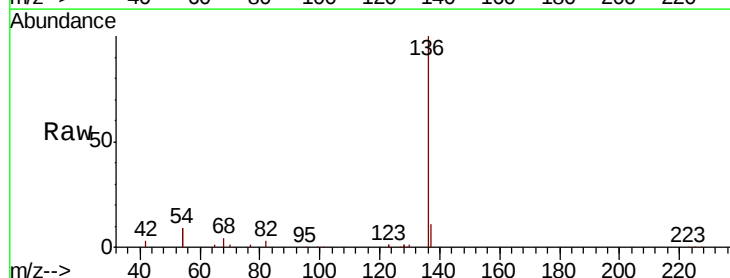
Ion Ratio Lower Upper

136 100

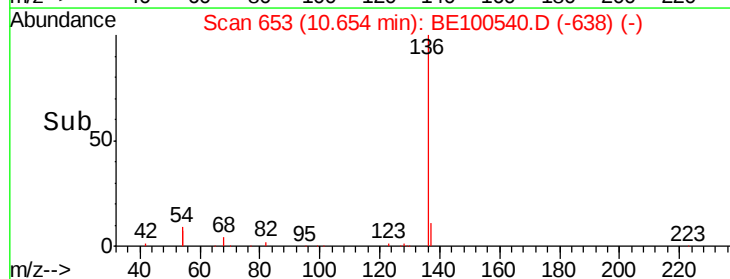
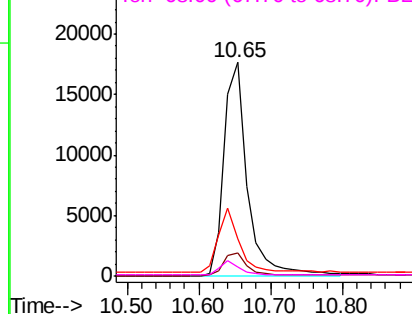
137 10.9 8.6 13.0

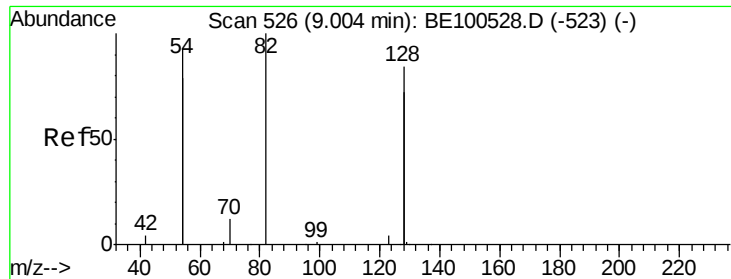
54 17.1 12.4 18.6

68 3.9 3.3 4.9



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

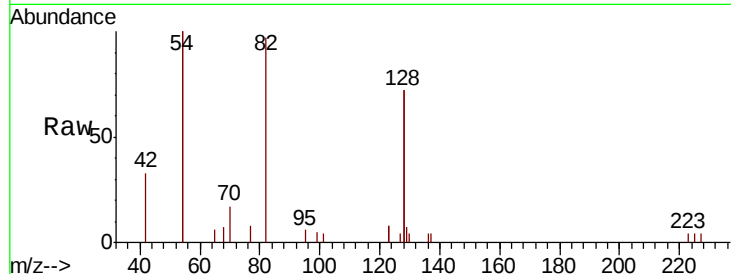




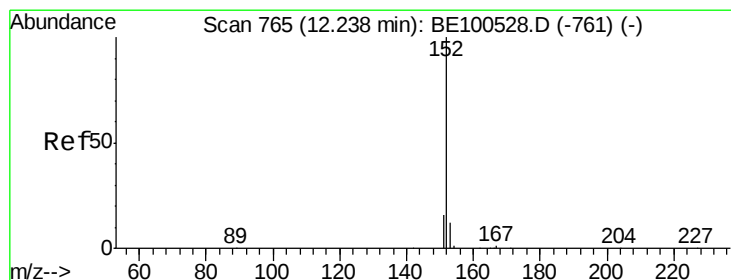
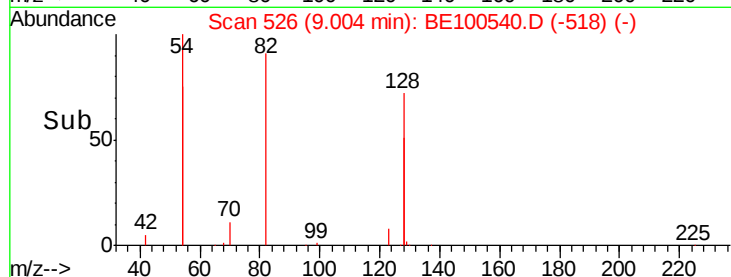
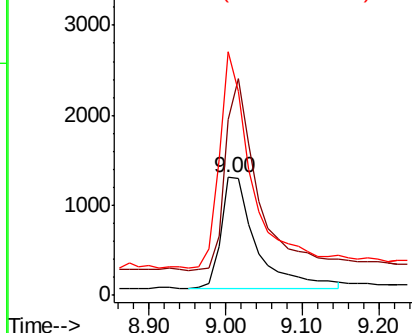
#8
 Nitrobenzene-d5
 Concen: 0.176 ng
 RT: 9.00 min Scan# 526
 Delta R.T. 0.00 min
 Lab File: BE100540.D
 Acq: 23 Sep 2019 15:11

Instrument :
 BNA_E
 ClientSampleId :
 PB123166BL

Tot Ion	Ratio	Lower	Upper
82	100		
128	148.8	129.4	194.2
54	206.3	143.3	214.9

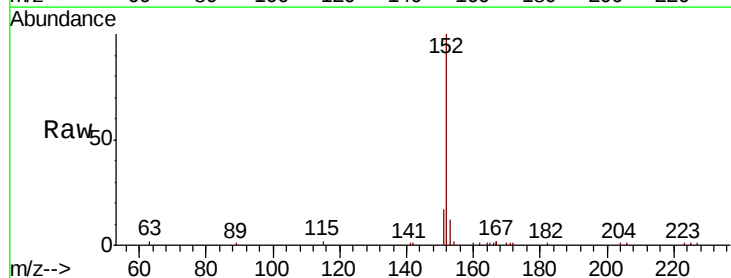


Abundance Ion 82.00 (81.70 to 82.70): BE1
 Ion 128.00 (127.70 to 128.70): BE1
 Ion 54.00 (53.70 to 54.70): BE1

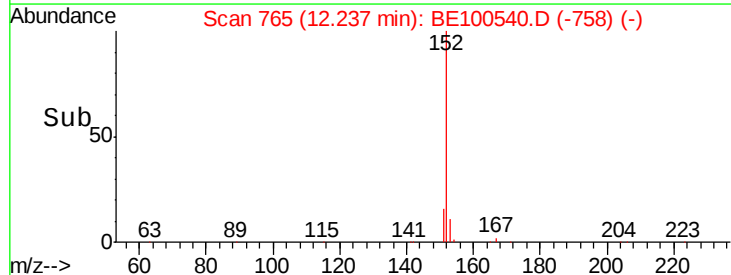
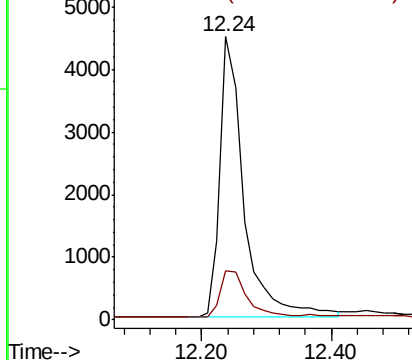


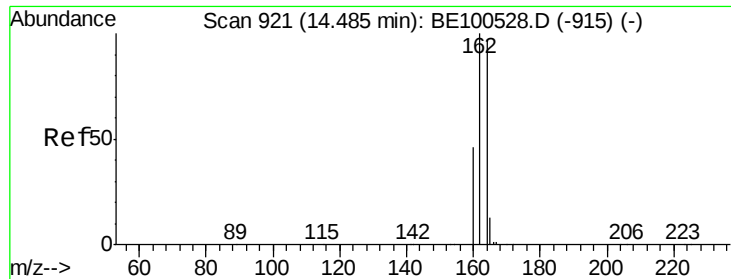
#11
 2-Methylnaphthalene-d10
 Concen: 0.193 ng
 RT: 12.24 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: BE100540.D
 Acq: 23 Sep 2019 15:11

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.3	22.9



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E

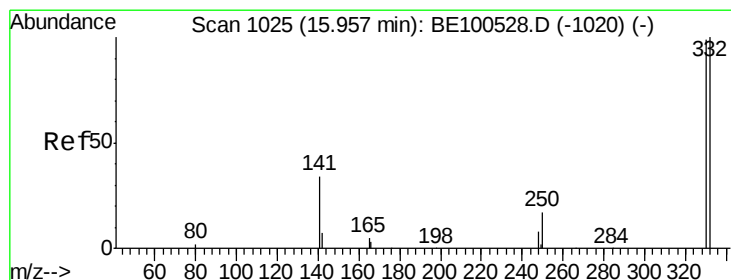
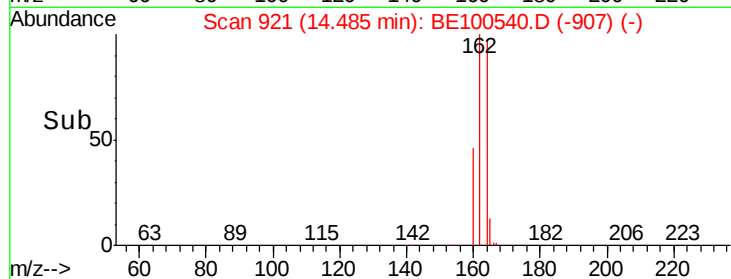
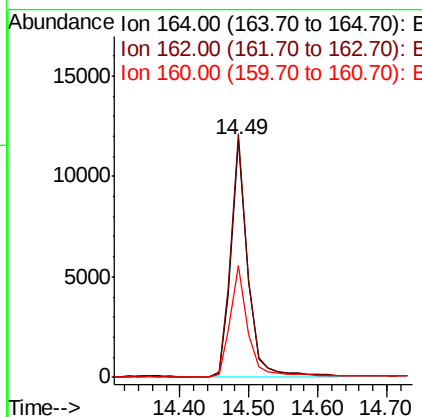
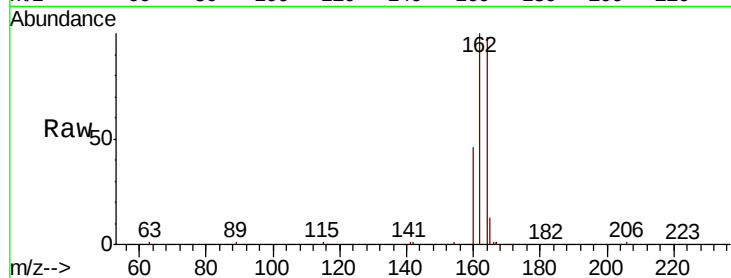




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE100540.D
Acq: 23 Sep 2019 15:11

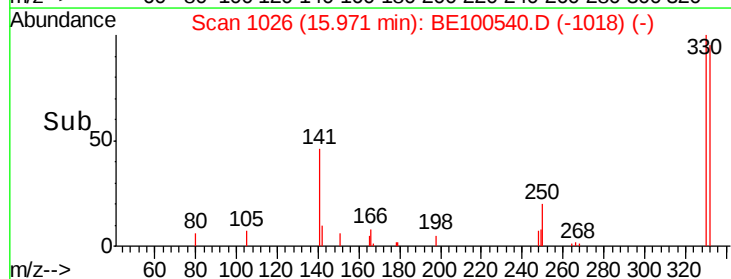
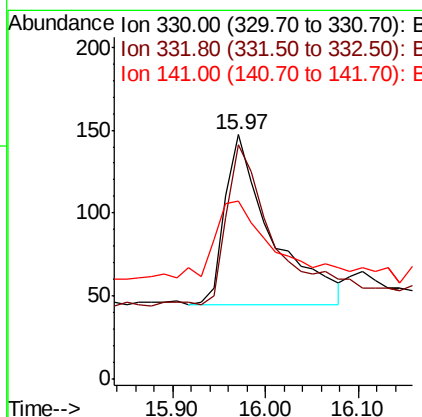
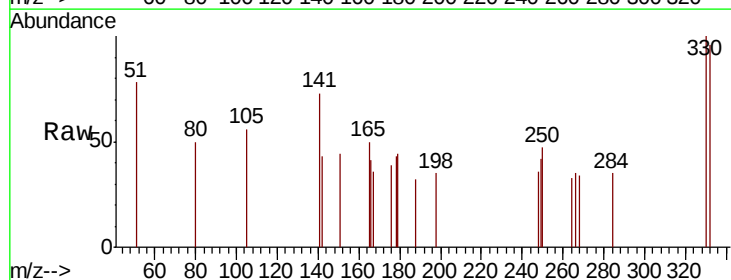
Instrument :
BNA_E
ClientSampleId :
PB123166BL

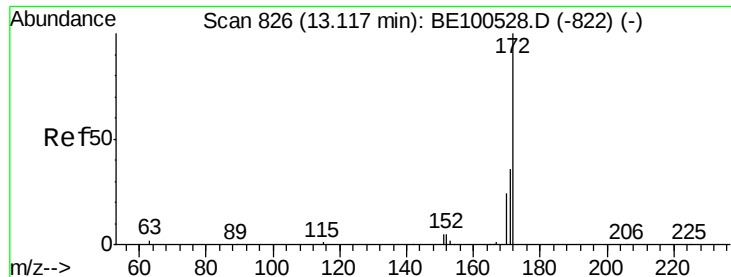
Tot Ion:164 Resp: 19763
Ion Ratio Lower Upper
164 100
162 102.5 82.1 123.1
160 46.9 37.6 56.4



#14
2,4,6-Tribromophenol
Concen: 0.111 ng
RT: 15.97 min Scan# 1026
Delta R.T. 0.01 min
Lab File: BE100540.D
Acq: 23 Sep 2019 15:11

Tgt Ion:330 Resp: 354
Ion Ratio Lower Upper
330 100
332 112.1 75.5 113.3
141 51.4 42.3 63.5

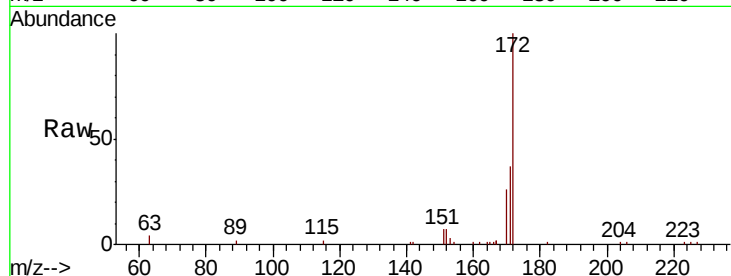




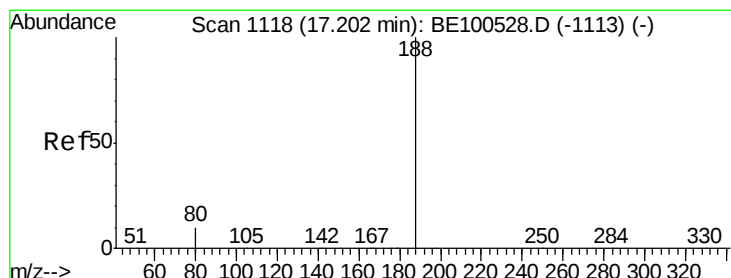
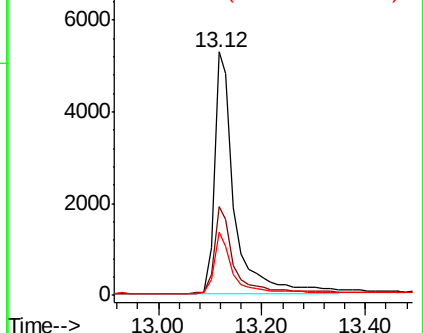
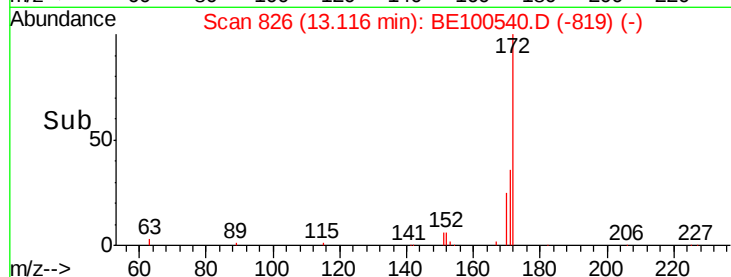
#15
 2-Fluorobiphenyl
 Concen: 0.203 ng
 RT: 13.12 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BE100540.D
 Acq: 23 Sep 2019 15:11

Instrument :
 BNA_E
 ClientSampleId :
 PB123166BL

Tot Ion:172 Resp: 14289
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.8 43.2
 170 25.8 19.4 29.0

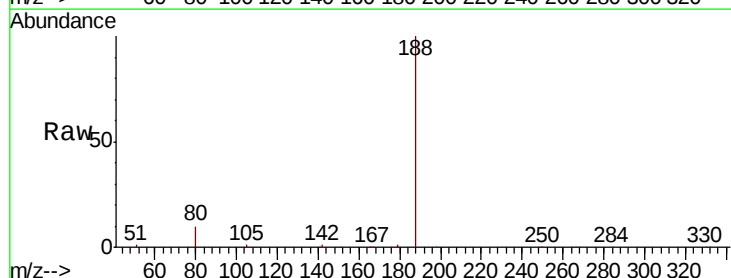


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

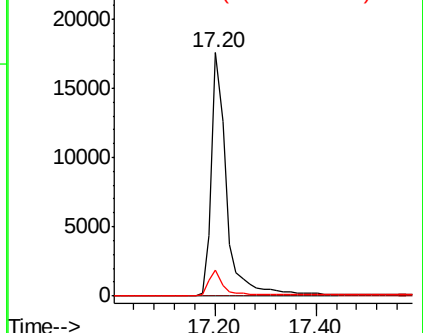
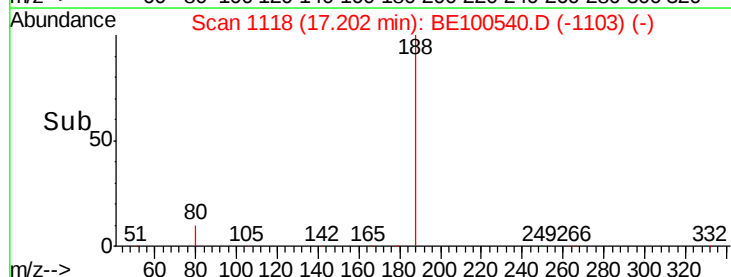


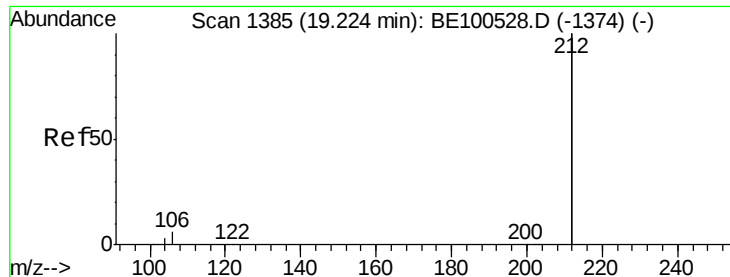
#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.20 min Scan# 1118
 Delta R.T. 0.00 min
 Lab File: BE100540.D
 Acq: 23 Sep 2019 15:11

Tgt Ion:188 Resp: 36211
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 10.5 8.0 12.0



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BE1
 Ion 80.00 (79.70 to 80.70): BE1





#25

Fluoranthene-d10

Concen: 0.276 ng

RT: 19.23 min Scan# 1386

Delta R.T. 0.01 min

Lab File: BE100540.D

Acq: 23 Sep 2019 15:11

Instrument :

BNA_E

ClientSampleId :

PB123166BL

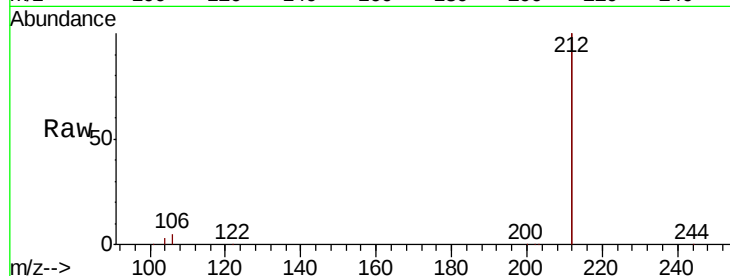
Tot Ion:212 Resp: 118712

Ion Ratio Lower Upper

212 100

106 2.9 2.3 3.5

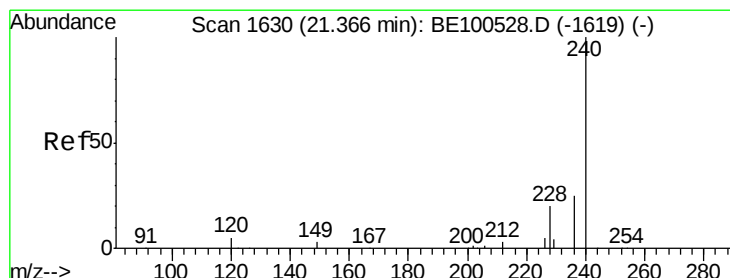
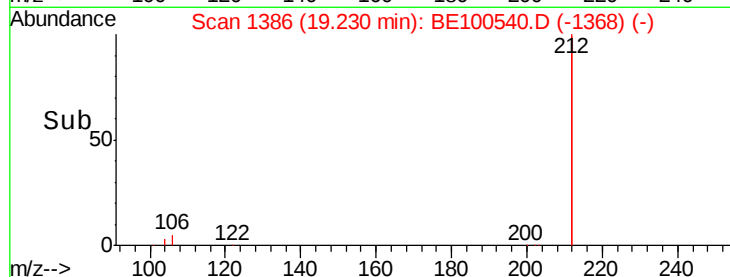
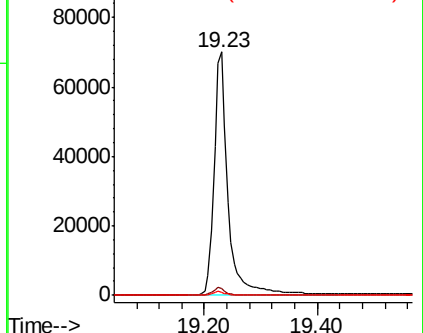
104 1.7 1.3 1.9



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: 21.37 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BE100540.D

Acq: 23 Sep 2019 15:11

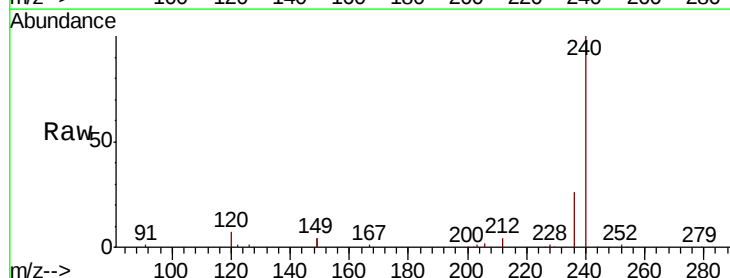
Tgt Ion:240 Resp: 28486

Ion Ratio Lower Upper

240 100

120 7.3 4.5 6.7#

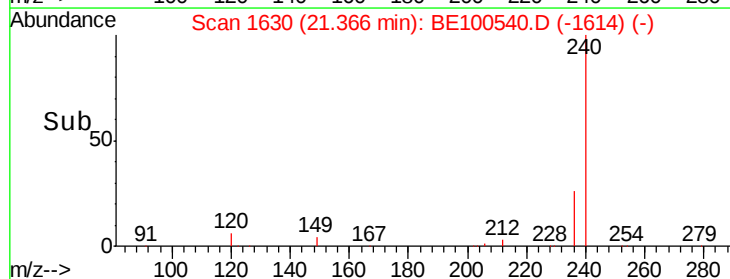
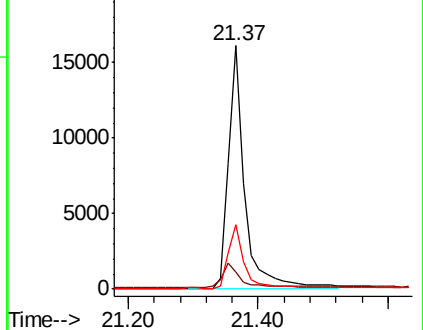
236 26.2 20.6 30.8

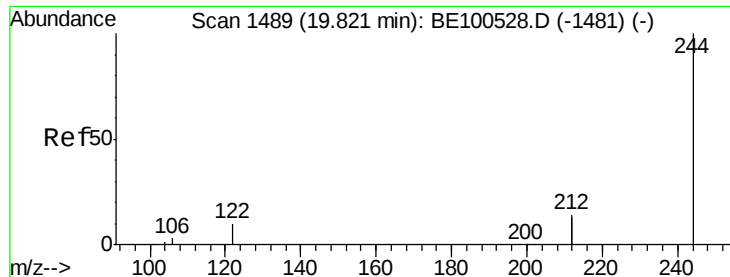


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.536 ng

RT: 19.82 min Scan# 1489

Delta R.T. 0.00 min

Lab File: BE100540.D

Acq: 23 Sep 2019 15:11

Instrument :

BNA_E

ClientSampleId :

PB123166BL

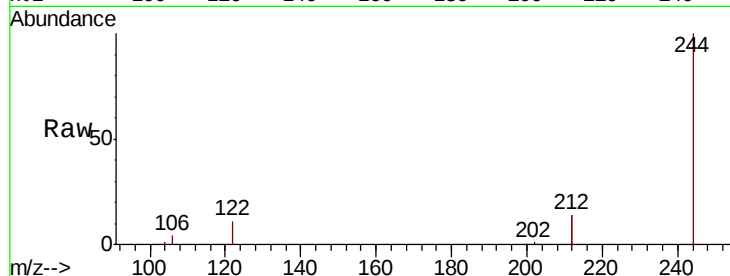
Tot Ion:244 Resp: 36151

Ion Ratio Lower Upper

244 100

212 28.3 22.2 33.2

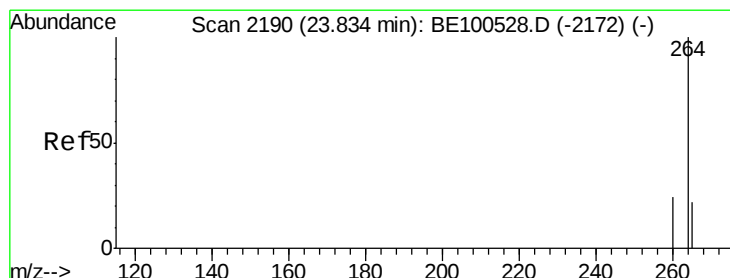
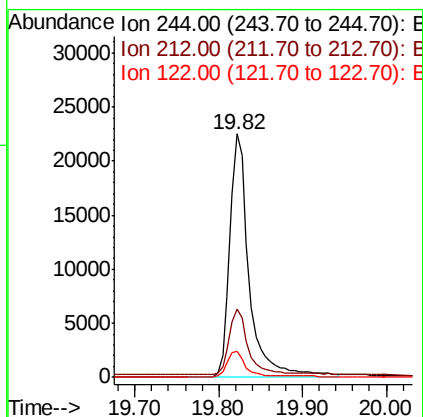
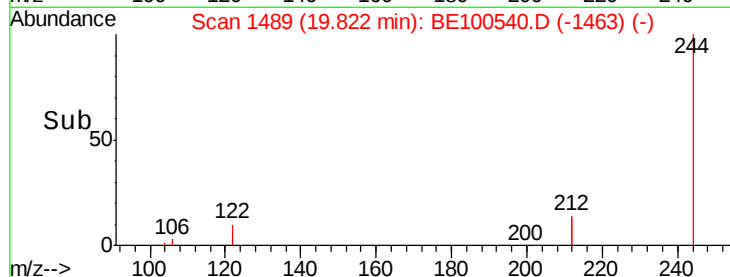
122 10.7 8.3 12.5



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.83 min Scan# 2190

Delta R.T. -0.00 min

Lab File: BE100540.D

Acq: 23 Sep 2019 15:11

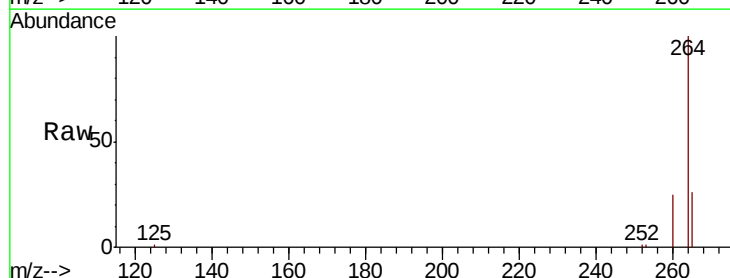
Tgt Ion:264 Resp: 44101

Ion Ratio Lower Upper

264 100

260 24.5 19.6 29.4

265 25.8 21.8 32.8



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

