

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

Quant Time: Sep 23 15:53:41 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

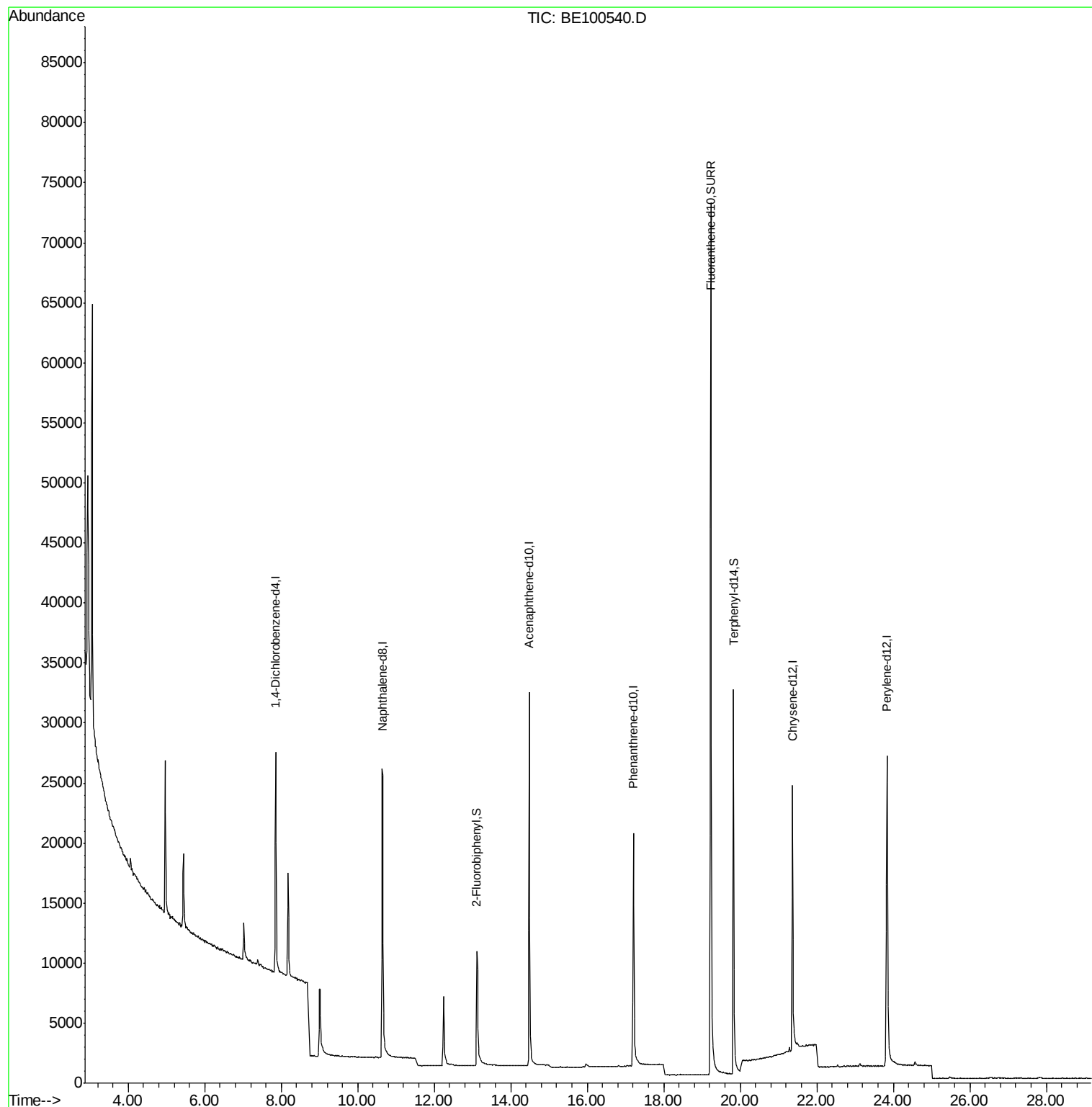
4) 2-Fluorophenol	5.44	112	4165	0.19	ng	0.00
5) Phenol-d6	7.02	99	4724	0.15	ng	0.00
8) Nitrobenzene-d5	9.00	82	4017	0.18	ng	0.00
11) 2-Methylnaphthalene-d10	12.24	152	11443	0.19	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	354	0.11	ng	0.01
15) 2-Fluorobiphenyl	13.12	172	14289	0.20	ng	0.00
25) Fluoranthene-d10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

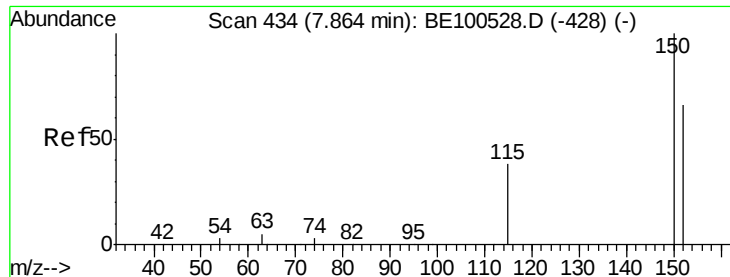
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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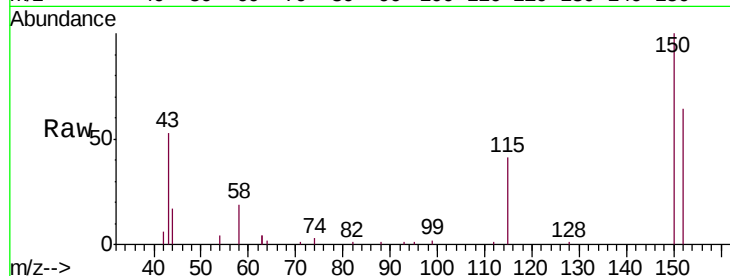




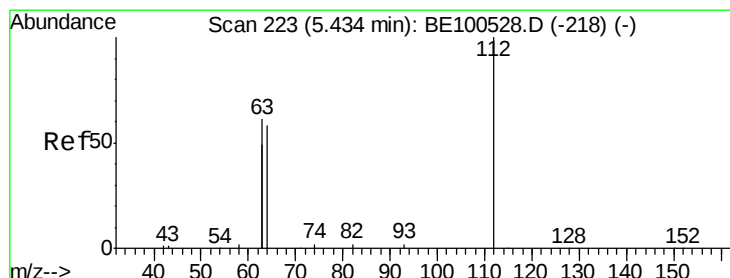
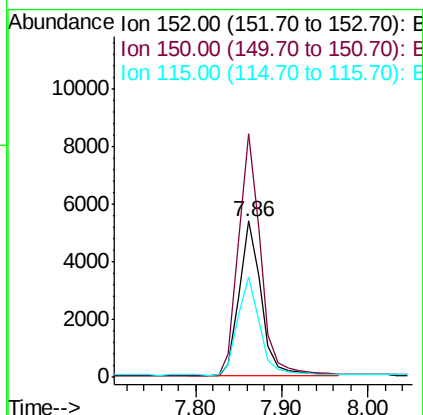
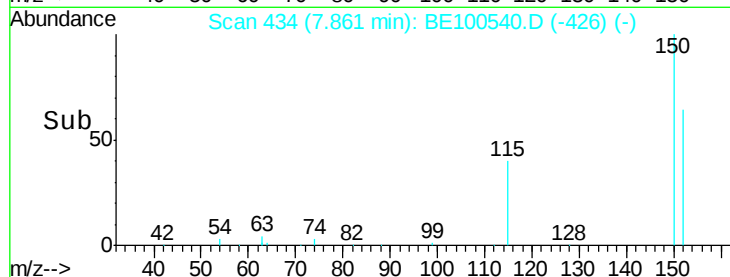
#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE100540.D
Acq: 23 Sep 2019 15:11

Tgt Ion:152 Resp: 9611
Ion Ratio Lower Upper
152 100
150 155.7 121.6 182.4
115 64.0 48.2 72.4



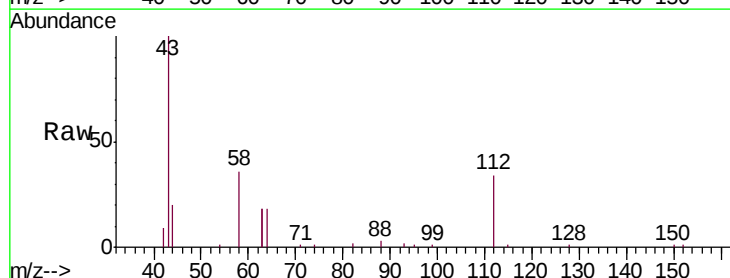
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



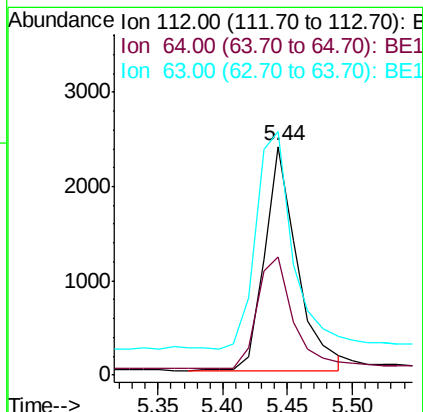
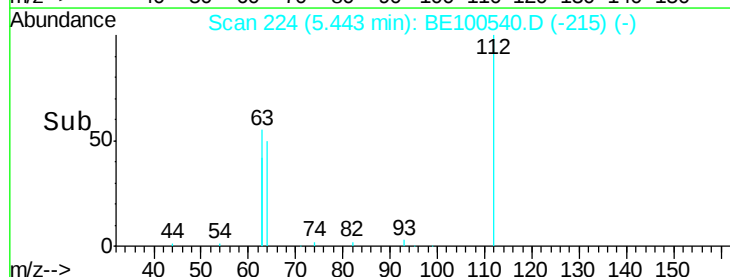
#4

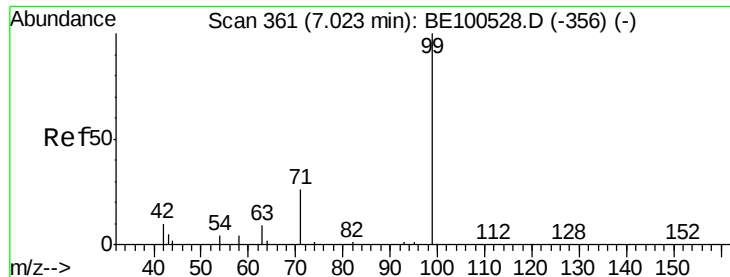
2-Fluorophenol
Concen: 0.185 ng
RT: 5.44 min Scan# 224
Delta R.T. 0.01 min
Lab File: BE100540.D
Acq: 23 Sep 2019 15:11

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

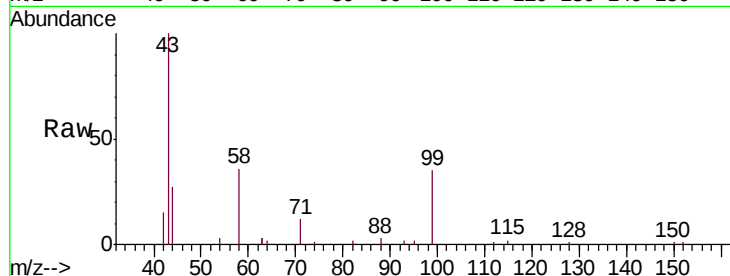
Tgt Ion: 99 Resp: 4724

Ion Ratio Lower Upper

99 100

42 17.8 13.0 19.6

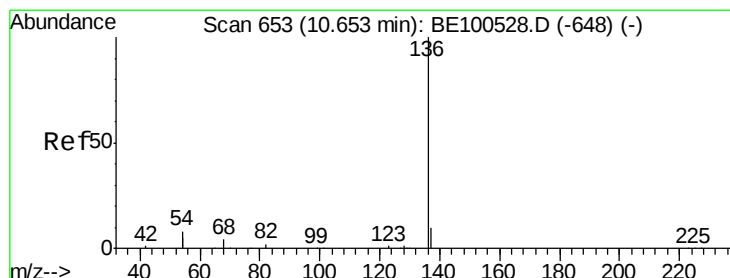
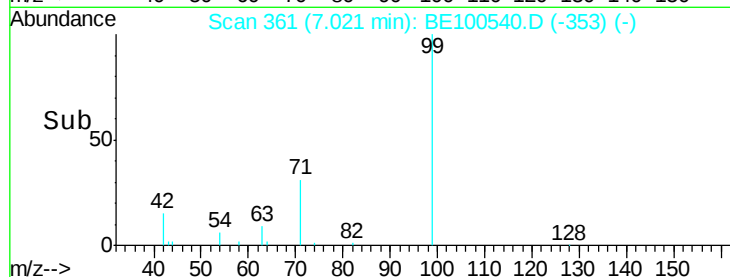
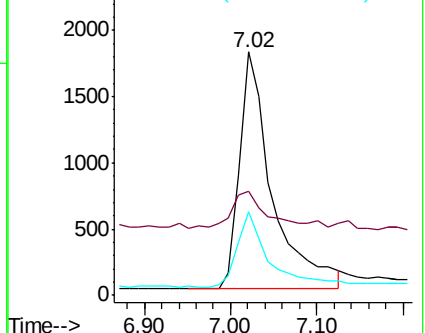
71 30.0 23.4 35.0



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

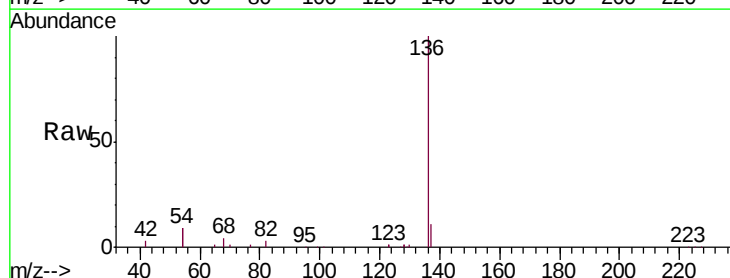
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 17.1 12.4 18.6

68 3.9 3.3 4.9

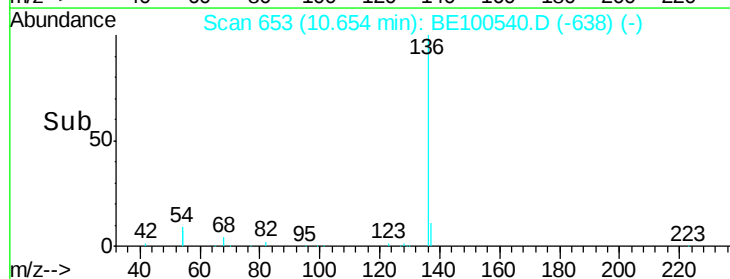
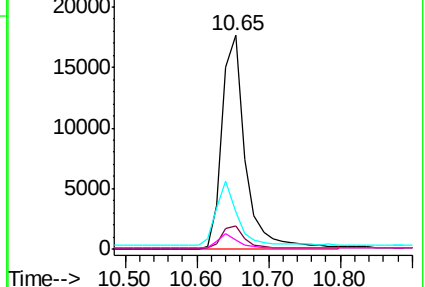


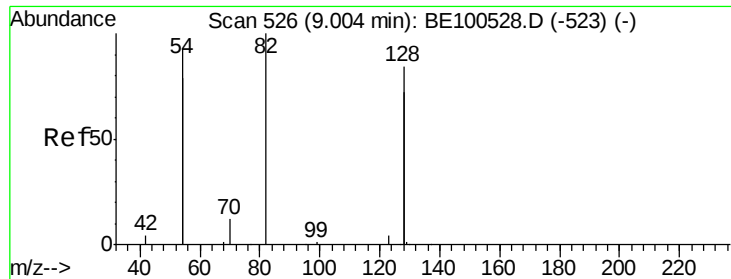
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

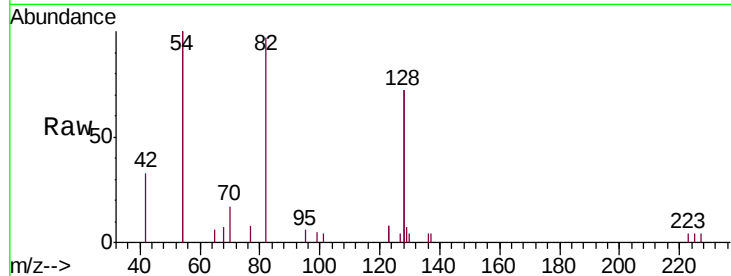
Ion 68.00 (67.70 to 68.70): BE1



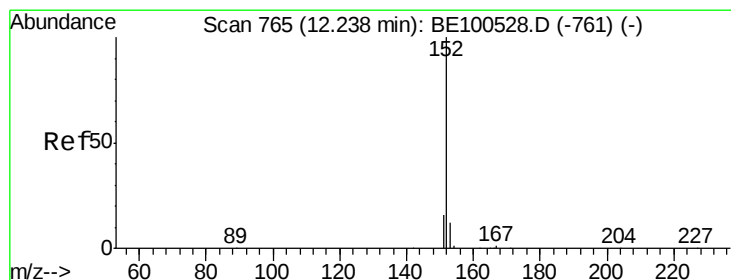
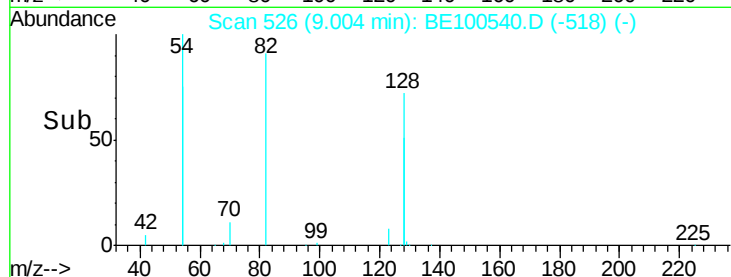
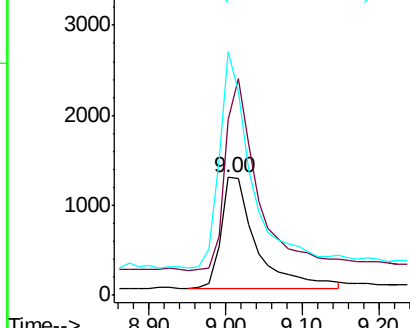


#8
 Nitrobenzene-d5
 Concen: 0.176 ng
 RT: 9.00 min Scan# 526
 Delta R.T. 0.00 min
 Lab File: BE100540.D
 Acq: 23 Sep 2019 15:11

Tgt Ion:	82	Resp:	4017
Ion	Ratio	Lower	Upper
82	100		
128	148.8	129.4	194.2
54	206.3	143.3	214.9

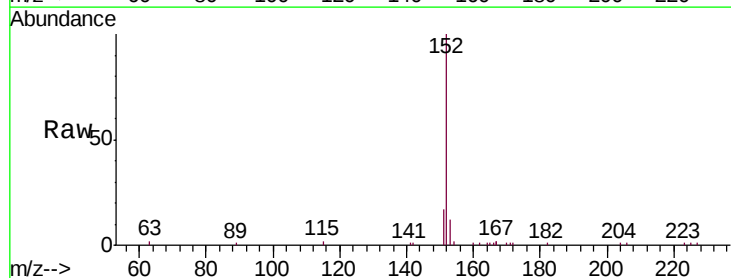


Abundance Ion 82.00 (81.70 to 82.70): BE1
 Ion 128.00 (127.70 to 128.70): BE1
 Ion 54.00 (53.70 to 54.70): BE1

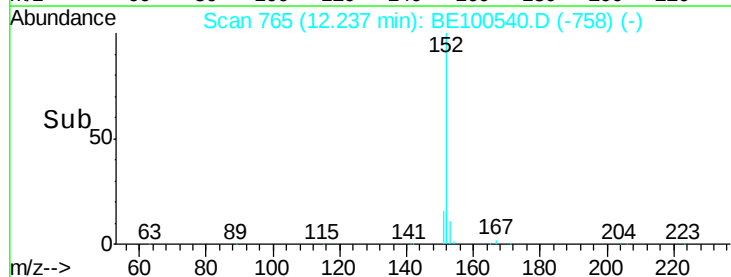
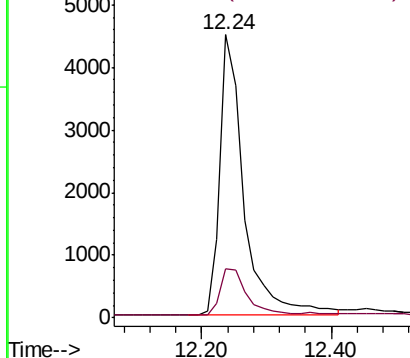


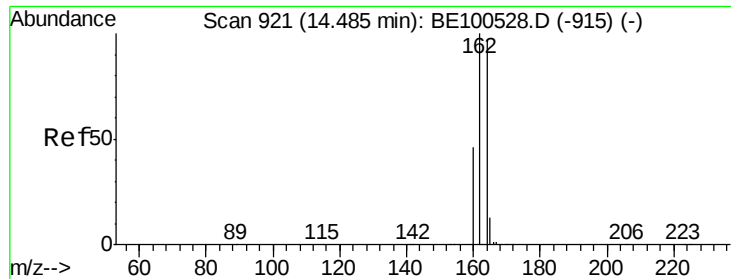
#11
 2-Methylnaphthalene-d10
 Concen: 0.193 ng
 RT: 12.24 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: BE100540.D
 Acq: 23 Sep 2019 15:11

Tgt Ion:	152	Resp:	11443
Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.3	22.9



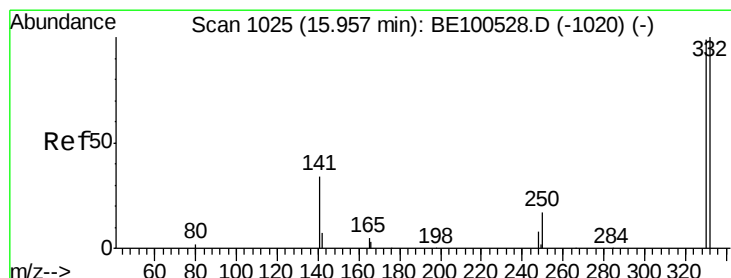
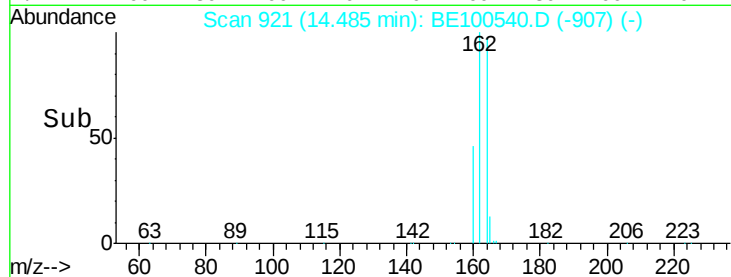
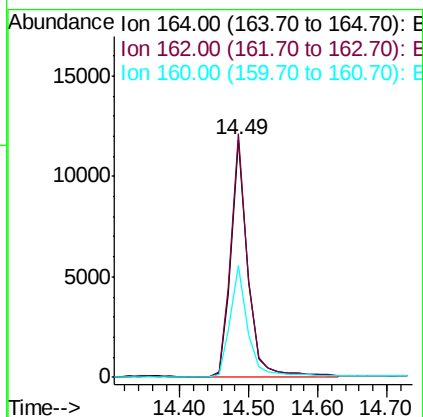
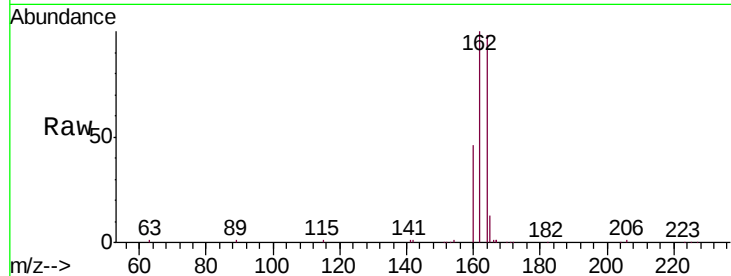
Abundance Ion 152.00 (151.70 to 152.70): BE1
 Ion 151.00 (150.70 to 151.70): BE1





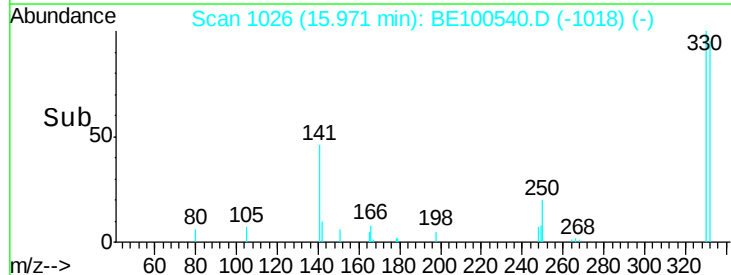
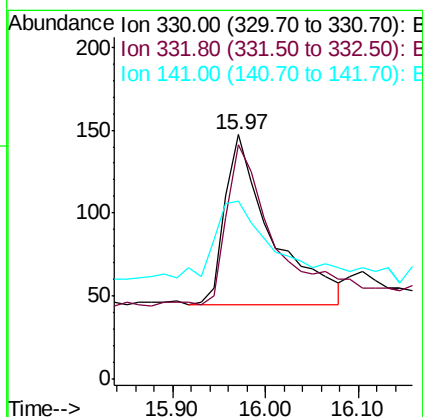
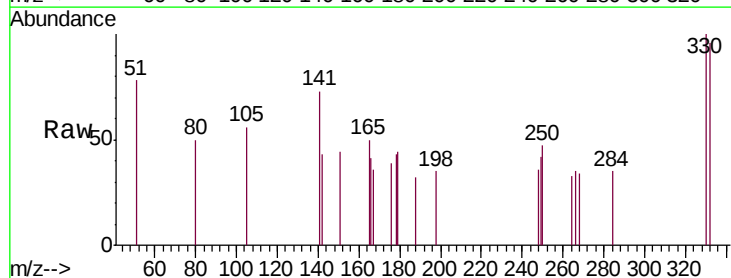
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.49 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: BE100540.D
 Acq: 23 Sep 2019 15:11

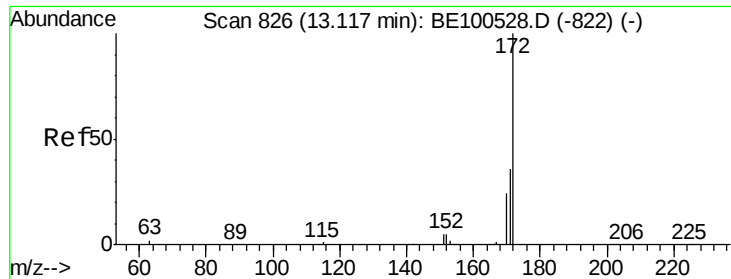
Tgt Ion:164 Resp: 19763
 Ion Ratio Lower Upper
 164 100
 162 102.5 82.1 123.1
 160 46.9 37.6 56.4



#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

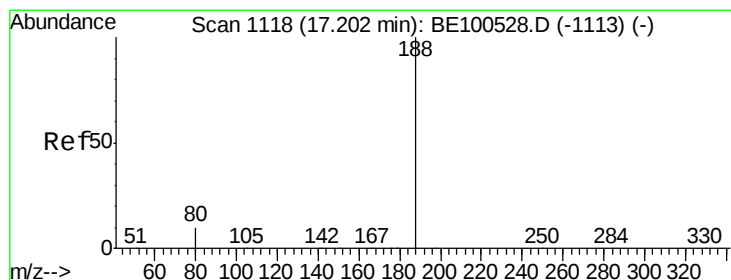
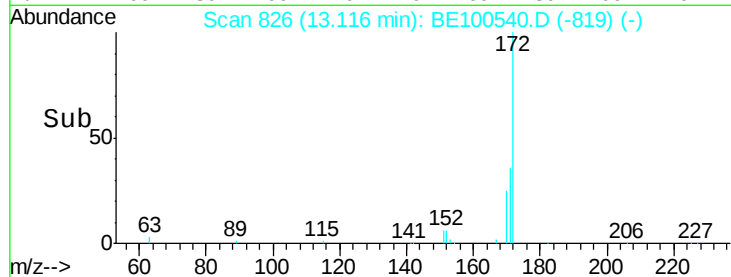
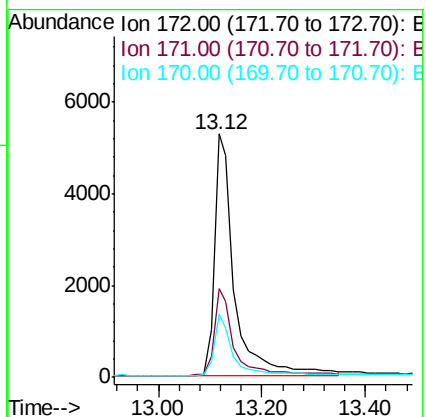
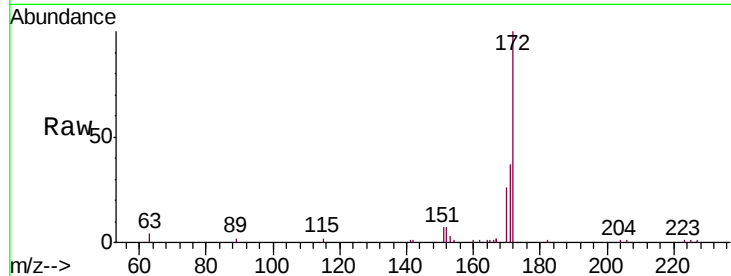
Tgt Ion:330 Resp: 354
 Ion Ratio Lower Upper
 330 100
 332 112.1 75.5 113.3
 141 51.4 42.3 63.5





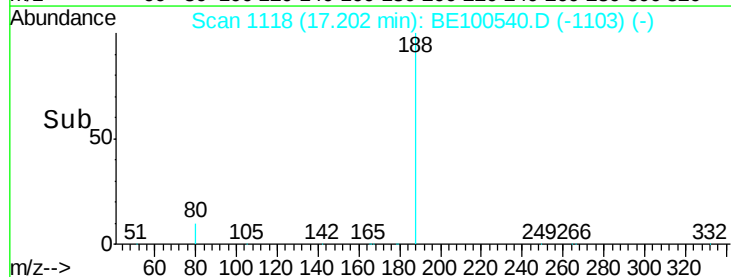
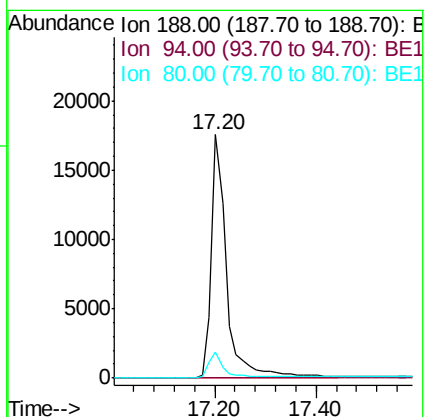
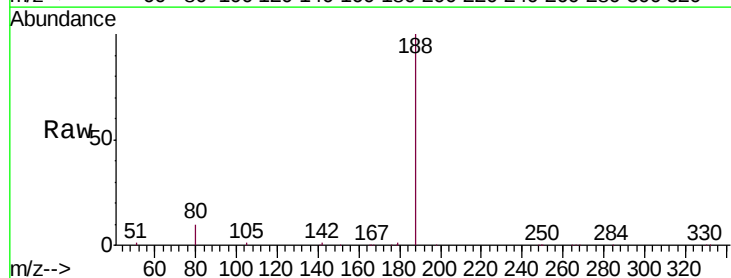
#15
2-Fluorobiphenyl
Concen: 0.203 ng
RT: 13.12 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE100540.D
Acq: 23 Sep 2019 15:11

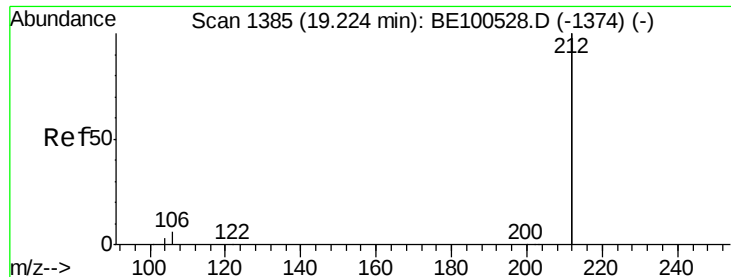
Tgt Ion:172 Resp: 14289
Ion Ratio Lower Upper
172 100
171 36.5 28.8 43.2
170 25.8 19.4 29.0



#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





#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

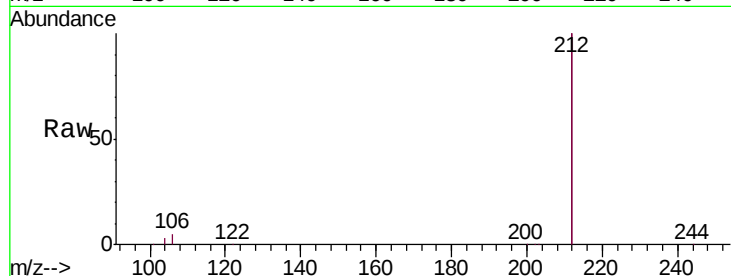
Tgt Ion: 212 Resp: 118712

Ion Ratio Lower Upper

212 100

106 2.9 2.3 3.5

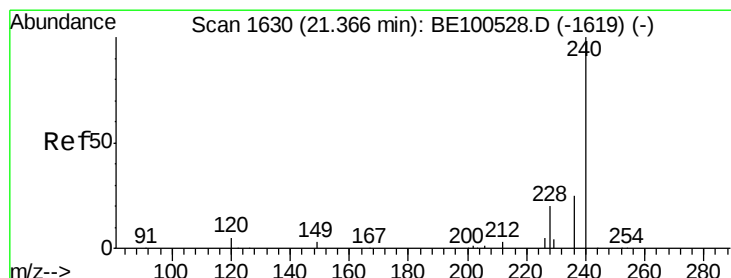
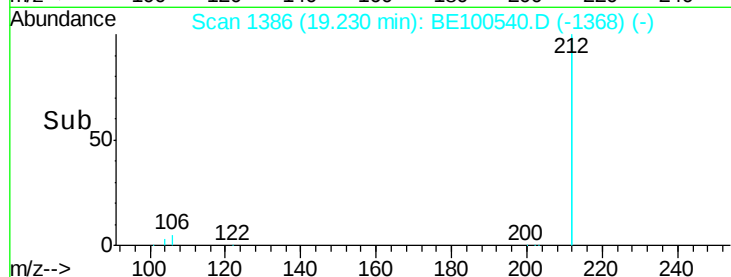
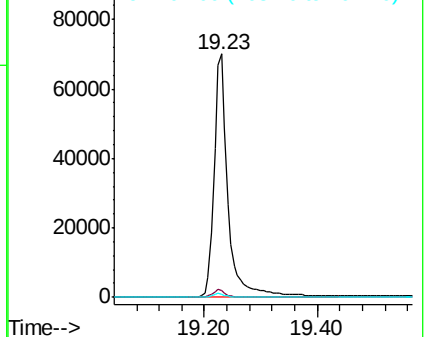
104 1.7 1.3 1.9



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

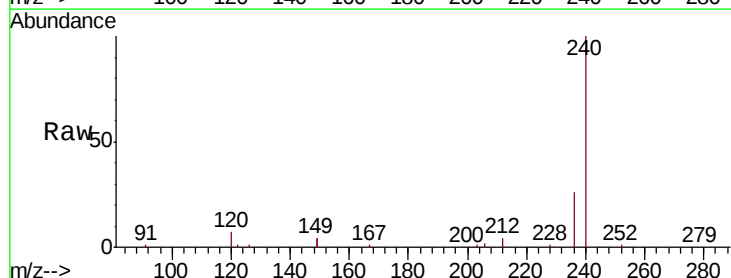
Tgt Ion: 240 Resp: 28486

Ion Ratio Lower Upper

240 100

120 7.3 4.5 6.7#

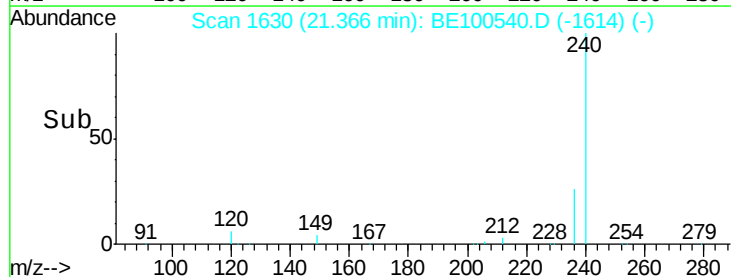
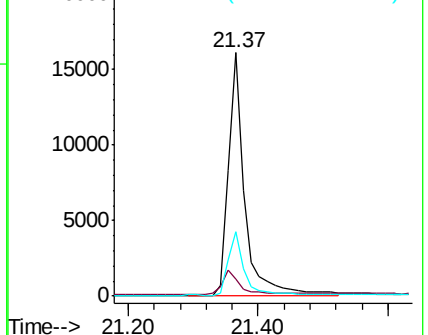
236 26.2 20.6 30.8

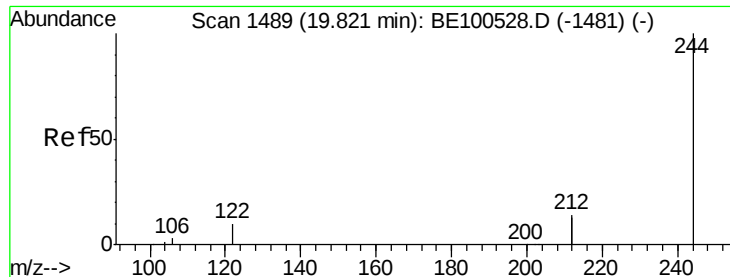


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

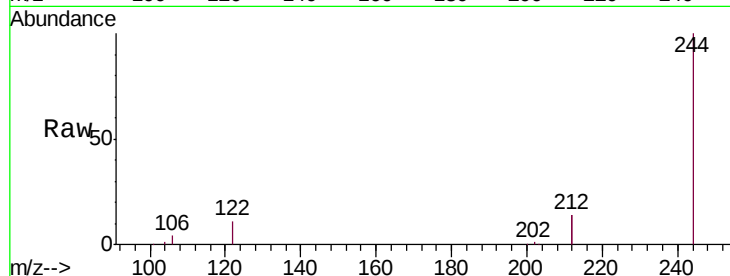
Ion 236.00 (235.70 to 236.70): E



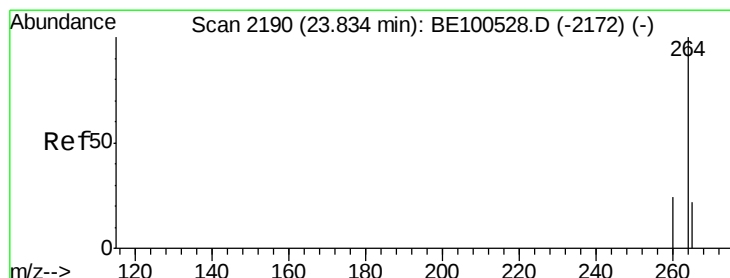
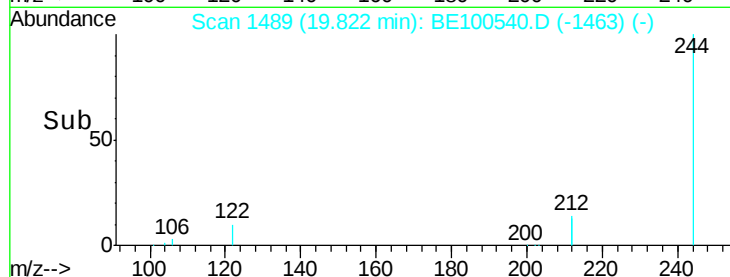
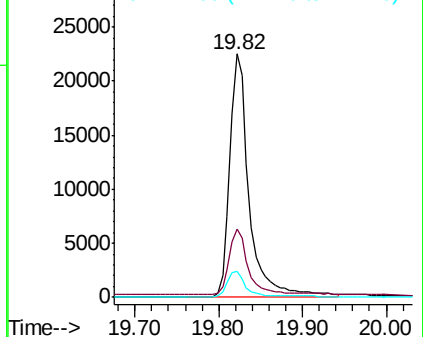


#29
 Terphenyl-d14
 Concen: 0.536 ng
 RT: 19.82 min Scan# 1489
 Delta R.T. 0.00 min
 Lab File: BE100540.D
 Acq: 23 Sep 2019 15:11

Tgt Ion: 244 Resp: 36151
 Ion Ratio Lower Upper
 244 100
 212 28.3 22.2 33.2
 122 10.7 8.3 12.5

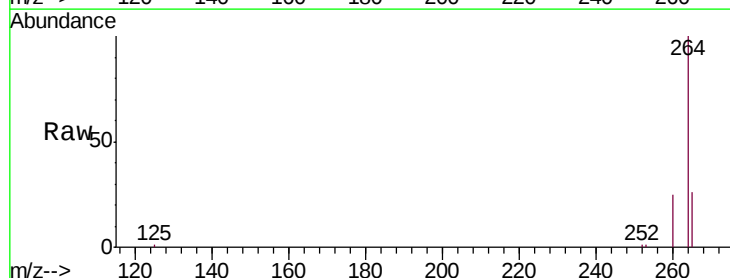


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#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

