

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122719\
 Data File : BE100988.D
 Acq On : 27 Dec 2019 10:52
 Operator : JU
 Sample : PB125683BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB125683BL

Quant Time: Dec 27 23:03:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 17:39:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	2308	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	9813	0.40	ng	0.01
13) Acenaphthene-d10	14.38	164	5812	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	12498	0.40	ng	0.00
27) Chrysene-d12	21.29	240	12083	0.40	ng	0.00
34) Perylene-d12	23.73	264	14390	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	1495	0.38	ng	0.00
5) Phenol-d6	6.99	99	1260	0.35	ng	0.00
8) Nitrobenzene-d5	8.94	82	1482	0.41	ng	0.03
11) 2-Methylnaphthalene-d10	12.14	152	5692	0.39	ng	0.01
14) 2,4,6-Tribromophenol	15.89	330	174	0.32	ng	0.01
15) 2-Fluorobiphenyl	13.03	172	8153	0.39	ng	0.01
25) Fluoranthene-d10	19.15	212	59275	0.39	ng	0.00
29) Terphenyl-d14	19.75	244	11090	0.40	ng	0.00

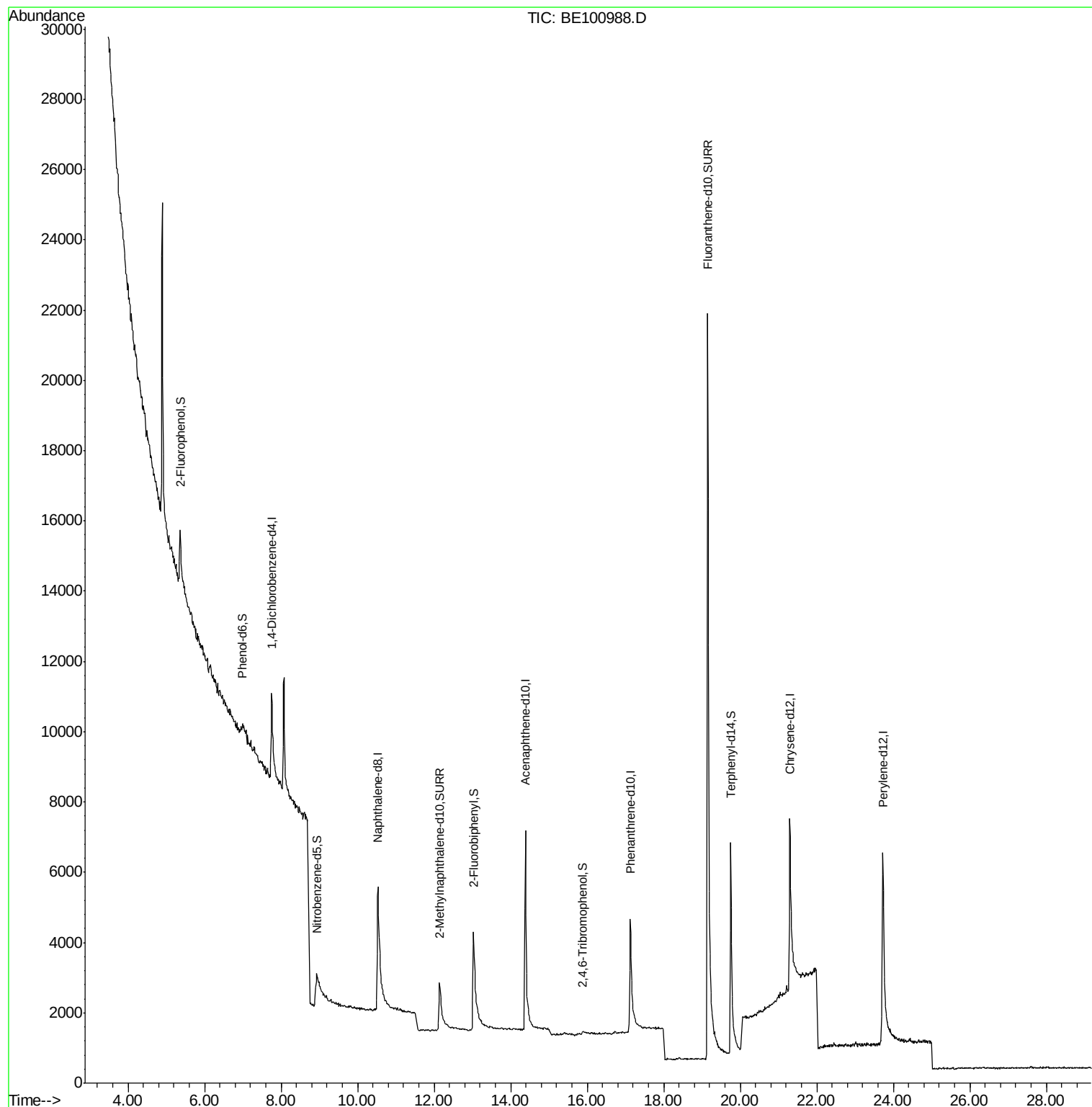
Target Compounds	Qvalue
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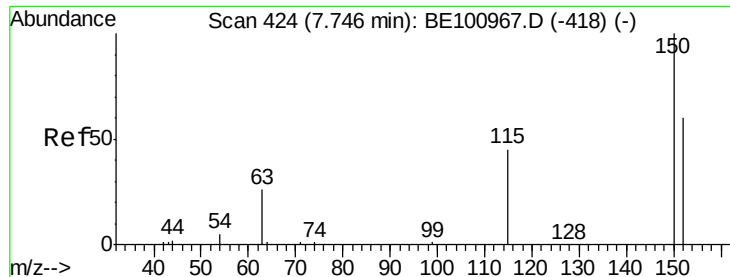
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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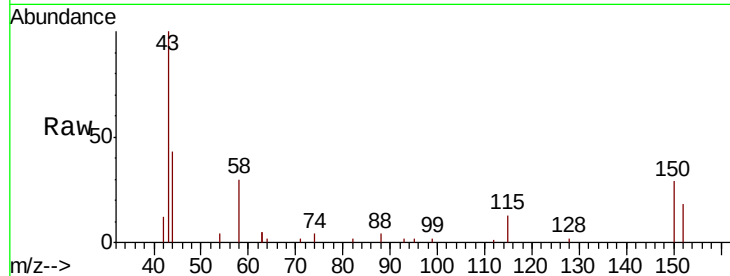


#1

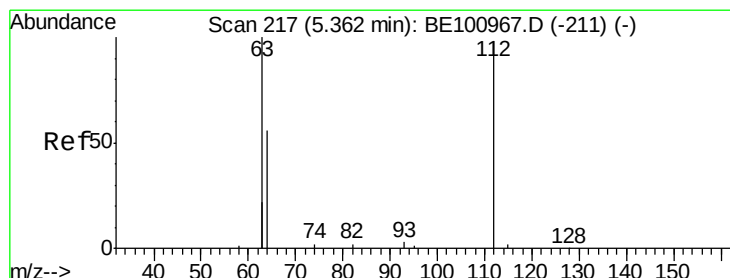
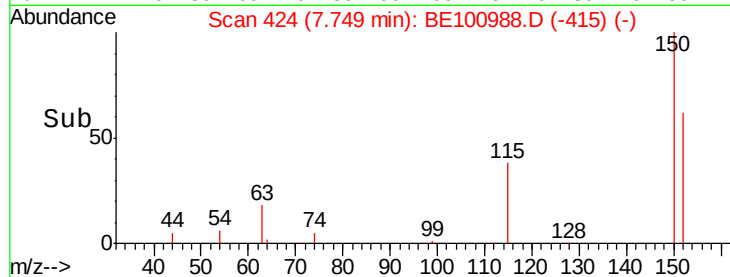
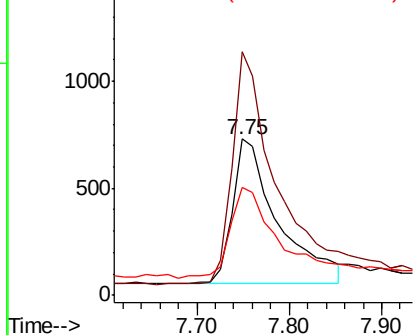
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 424
Delta R.T. 0.00 min
Lab File: BE100988.D
Acq: 27 Dec 2019 10:52

Instrument :
BNA_E
ClientSampleId :
PB125683BL

Tot Ion:152 Resp: 2308
Ion Ratio Lower Upper
152 100
150 155.7 132.6 199.0
115 69.2 64.1 96.1



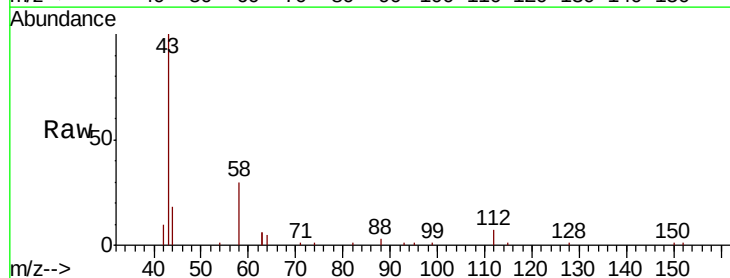
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



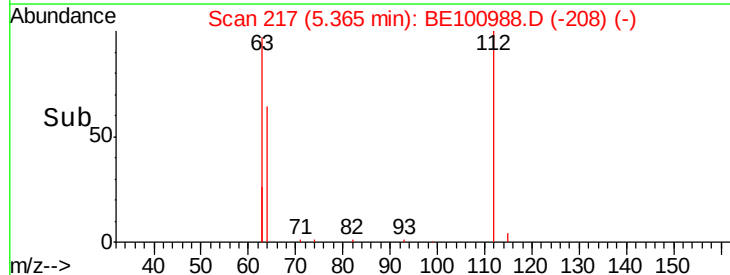
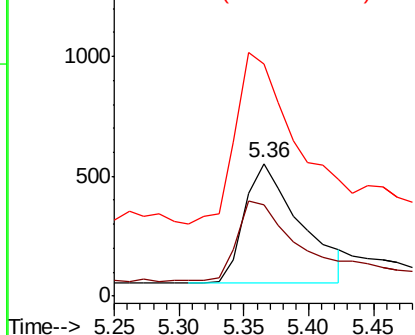
#4

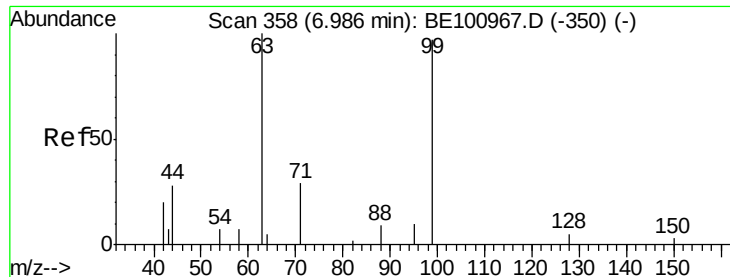
2-Fluorophenol
Concen: 0.383 ng
RT: 5.36 min Scan# 217
Delta R.T. 0.00 min
Lab File: BE100988.D
Acq: 27 Dec 2019 10:52

Tgt Ion:112 Resp: 1495
Ion Ratio Lower Upper
112 100
64 69.8 59.0 88.6
63 154.3 121.4 182.0



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: 0.352 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE100988.D

Acq: 27 Dec 2019 10:52

Instrument :

BNA_E

ClientSampleId :

PB125683BL

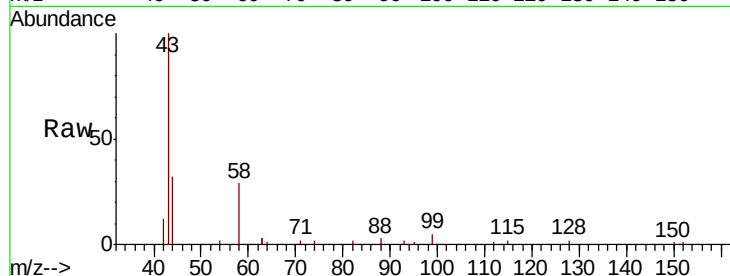
Tot Ion: 99 Resp: 1260

Ion Ratio Lower Upper

99 100

42 10.7 0.0 0.0#

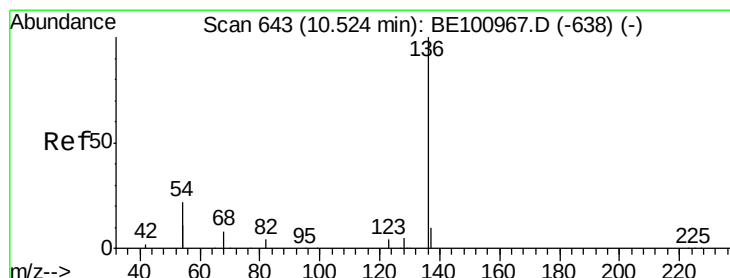
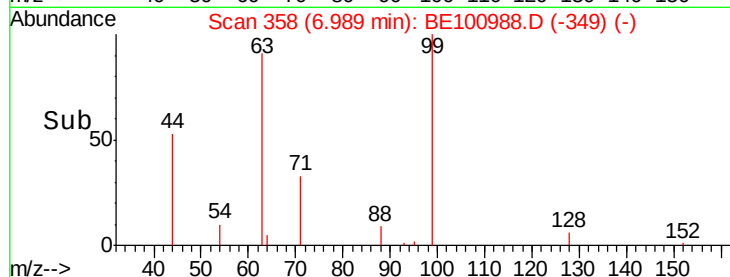
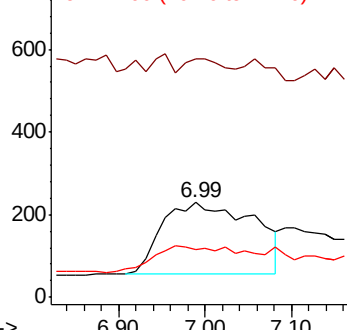
71 0.0 0.0 0.0



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: 10.54 min Scan# 644

Delta R.T. 0.01 min

Lab File: BE100988.D

Acq: 27 Dec 2019 10:52

Tgt Ion: 136 Resp: 9813

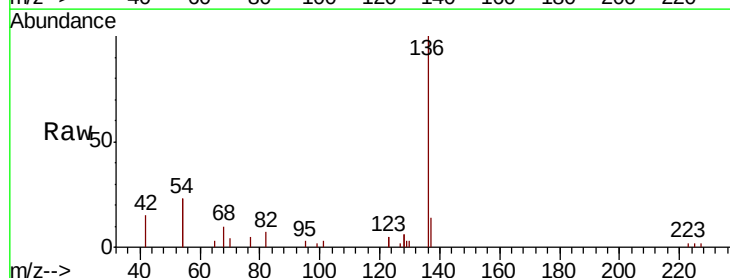
Ion Ratio Lower Upper

136 100

137 13.6 9.0 13.6#

54 46.4 34.4 51.6

68 10.3 7.8 11.6

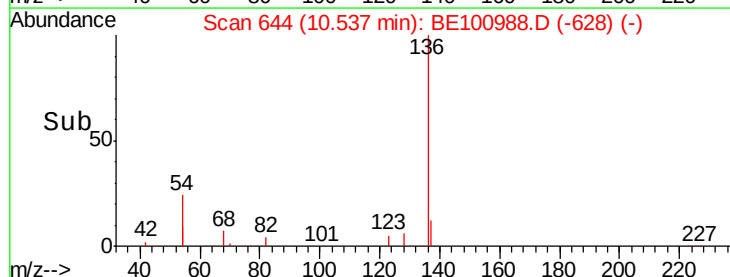
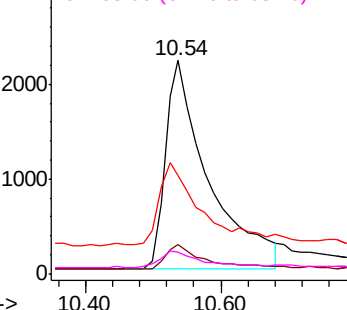


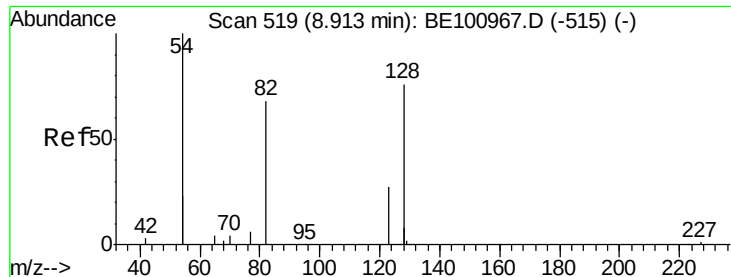
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.412 ng

RT: 8.94 min Scan# 521

Delta R.T. 0.03 min

Lab File: BE100988.D

Acq: 27 Dec 2019 10:52

Instrument :

BNA_E

ClientSampleId :

PB125683BL

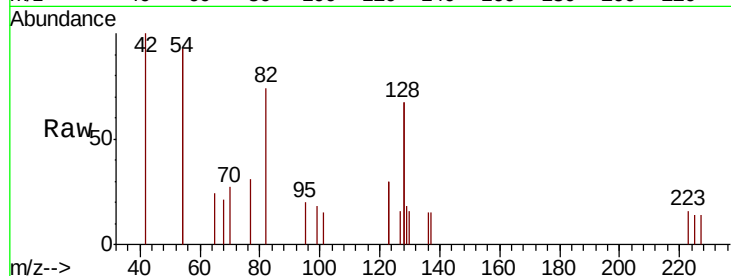
Tot Ion: 82 Resp: 1482

Ion Ratio Lower Upper

82 100

128 181.1 140.2 210.2

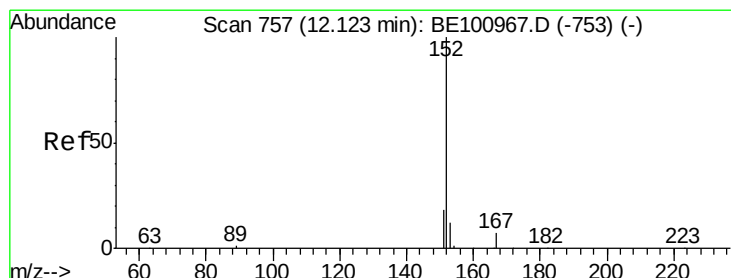
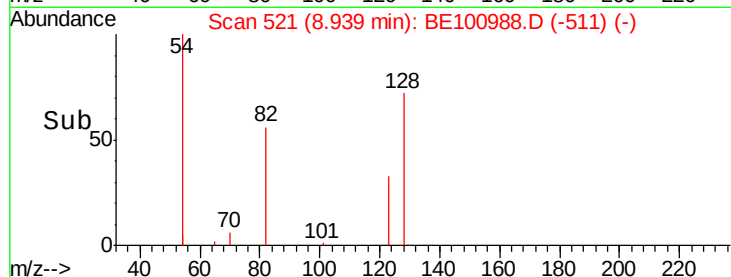
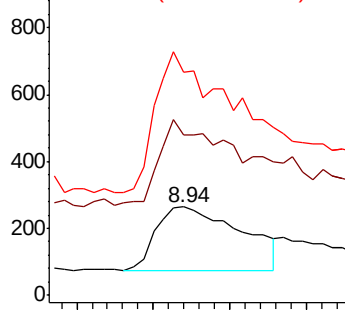
54 252.3 183.8 275.6



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: 0.395 ng

RT: 12.14 min Scan# 758

Delta R.T. 0.01 min

Lab File: BE100988.D

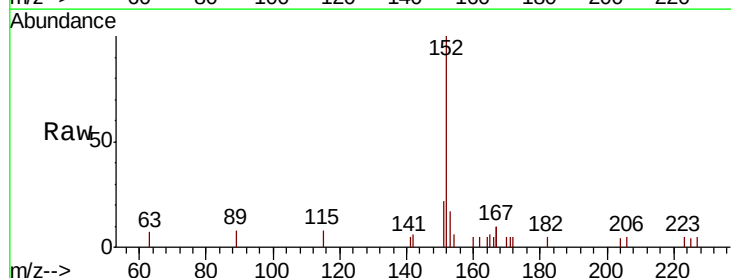
Acq: 27 Dec 2019 10:52

Tgt Ion: 152 Resp: 5692

Ion Ratio Lower Upper

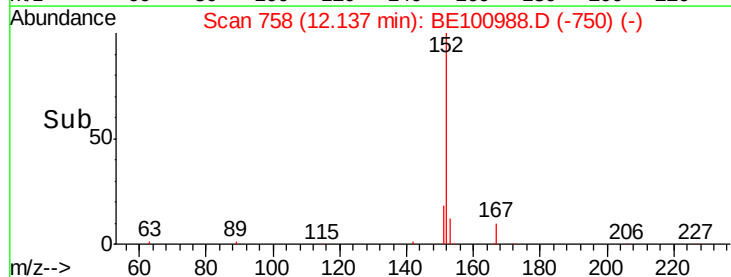
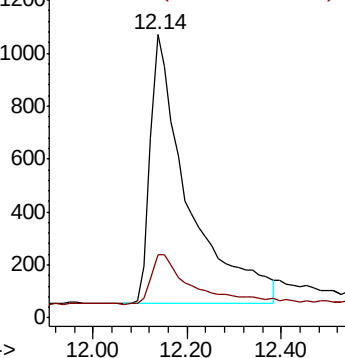
152 100

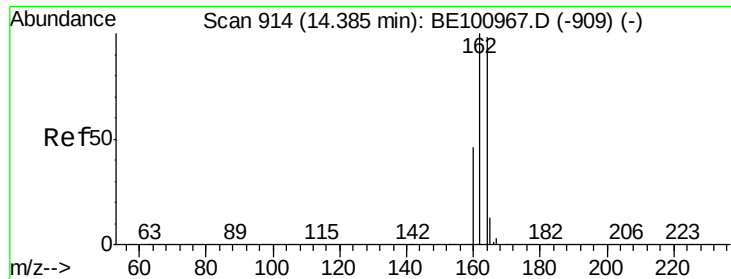
151 20.0 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): BE1

Ion 151.00 (150.70 to 151.70): BE1

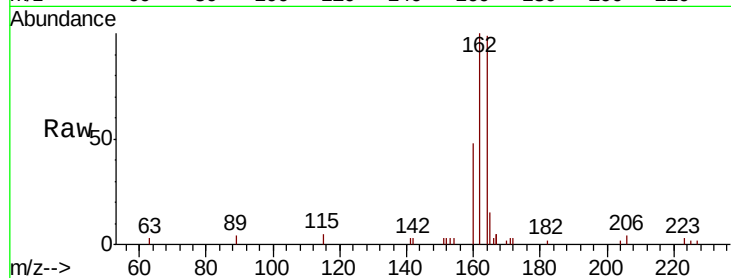




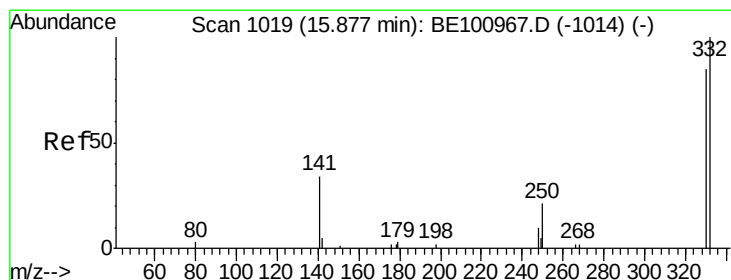
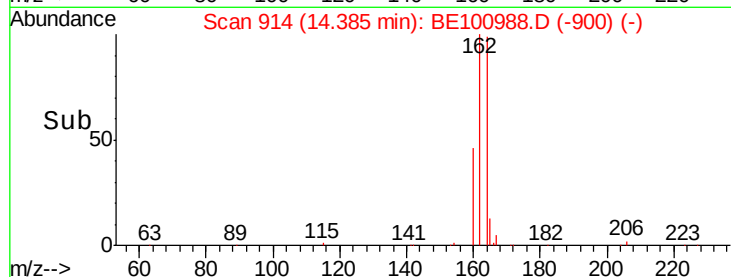
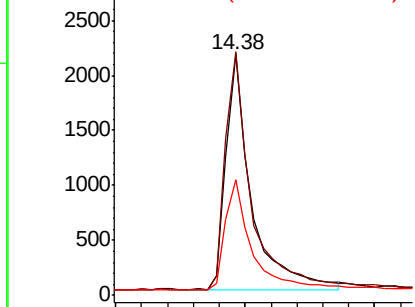
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.38 min Scan# 914
 Delta R.T. 0.00 min
 Lab File: BE100988.D
 Acq: 27 Dec 2019 10:52

Instrument :
 BNA_E
 ClientSampleId :
 PB125683BL

Tot Ion:164 Resp: 5812
 Ion Ratio Lower Upper
 164 100
 162 101.1 81.6 122.4
 160 48.1 37.7 56.5

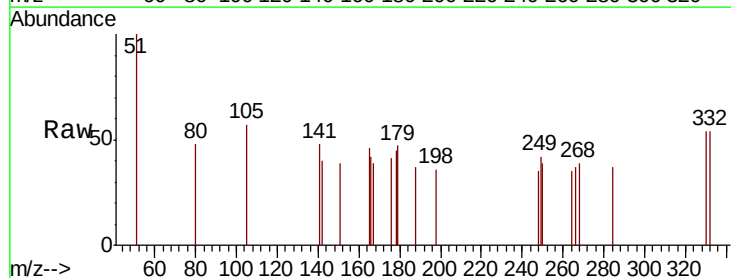


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

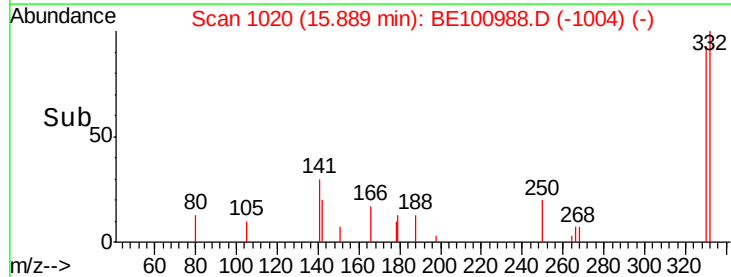
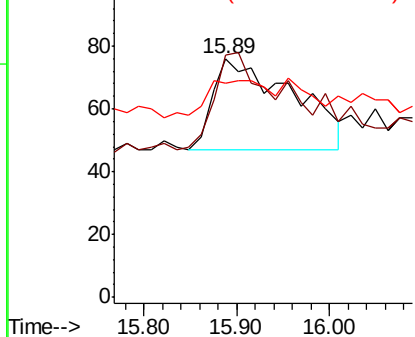


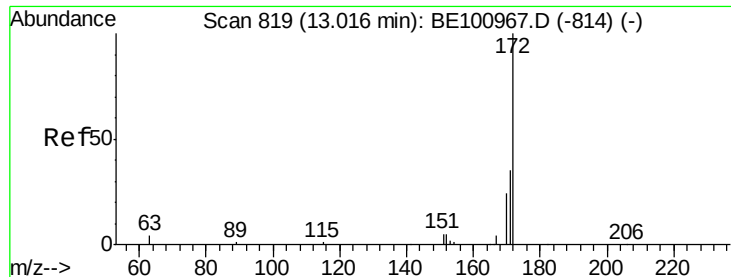
#14
 2,4,6-Tribromophenol
 Concen: 0.316 ng
 RT: 15.89 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: BE100988.D
 Acq: 27 Dec 2019 10:52

Tgt Ion:330 Resp: 174
 Ion Ratio Lower Upper
 330 100
 332 104.6 72.4 108.6
 141 0.0 25.4 38.2#



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

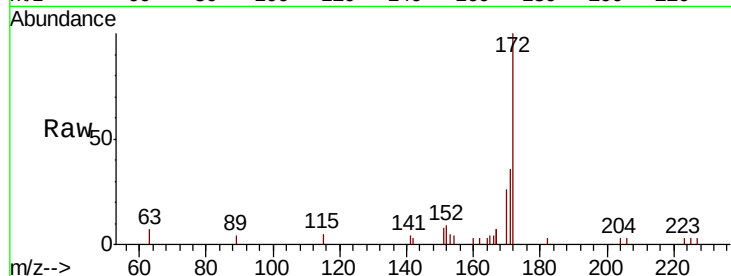




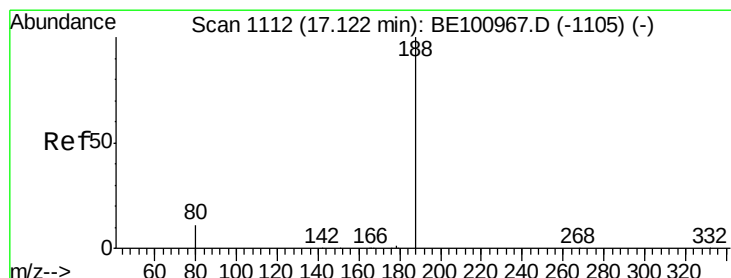
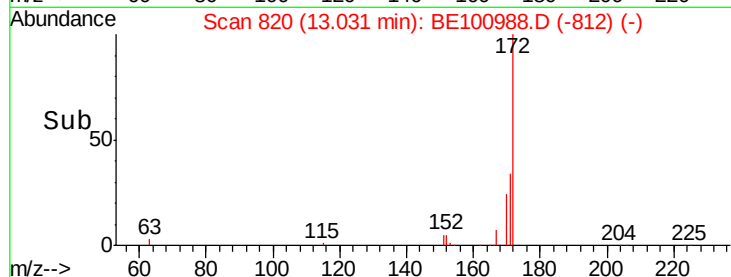
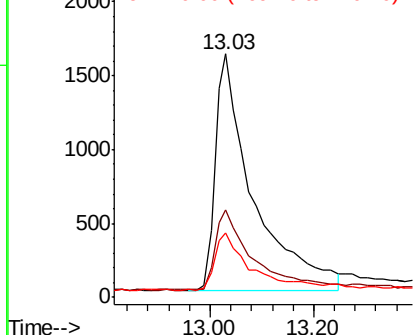
#15
2-Fluorobiphenyl
Concen: 0.395 ng
RT: 13.03 min Scan# 820
Delta R.T. 0.01 min
Lab File: BE100988.D
Acq: 27 Dec 2019 10:52

Instrument :
BNA_E
ClientSampleId :
PB125683BL

Tot Ion:172 Resp: 8153
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.6
170 26.3 20.0 30.0

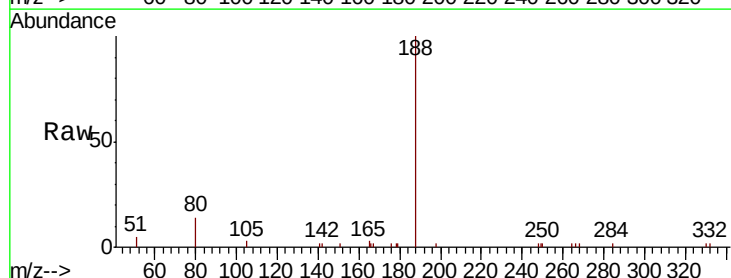


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

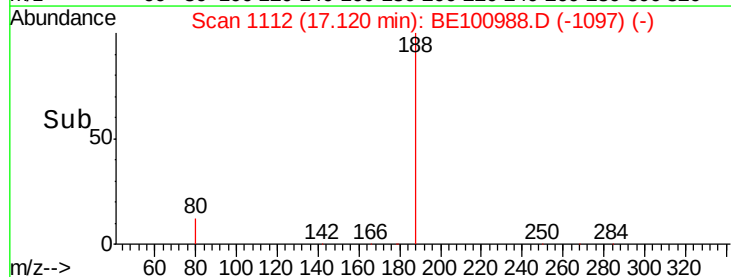
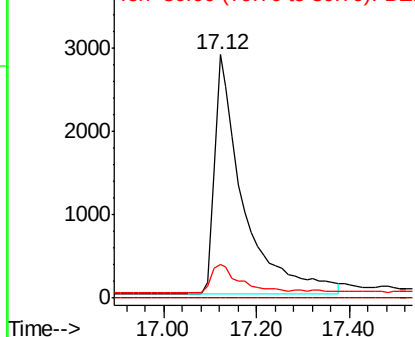


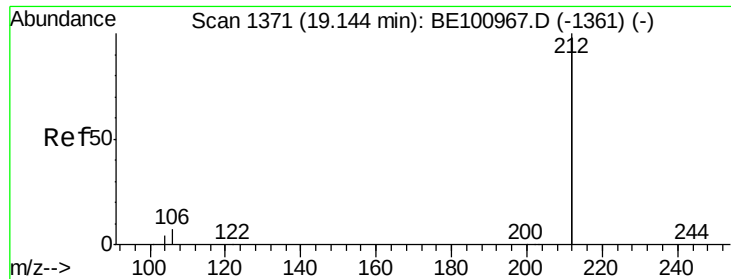
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BE100988.D
Acq: 27 Dec 2019 10:52

Tgt Ion:188 Resp: 12498
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.1 9.7 14.5



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: 0.391 ng

RT: 19.15 min Scan# 1372

Delta R.T. 0.01 min

Lab File: BE100988.D

Acq: 27 Dec 2019 10:52

Instrument :

BNA_E

ClientSampleId :

PB125683BL

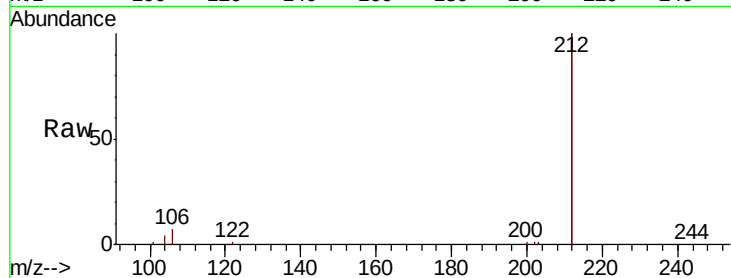
Tot Ion:212 Resp: 59275

Ion Ratio Lower Upper

212 100

106 3.5 2.4 3.6

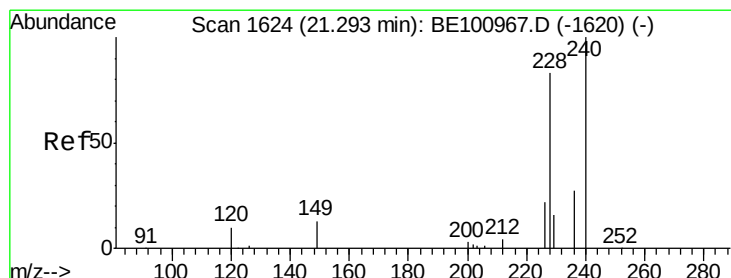
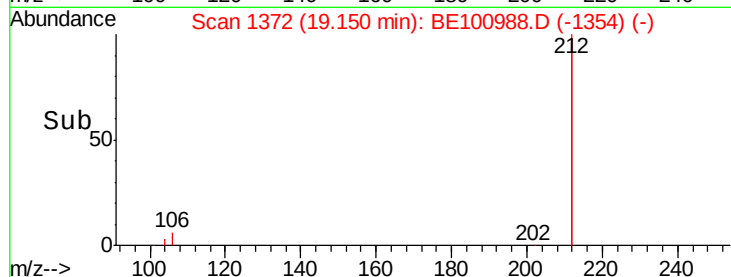
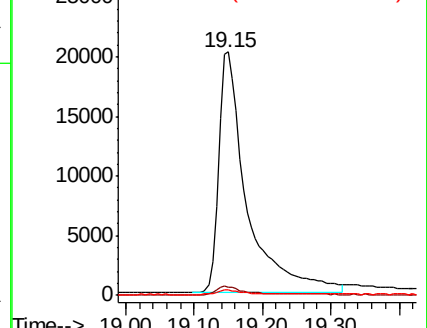
104 1.9 1.4 2.0



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: BE100988.D

Acq: 27 Dec 2019 10:52

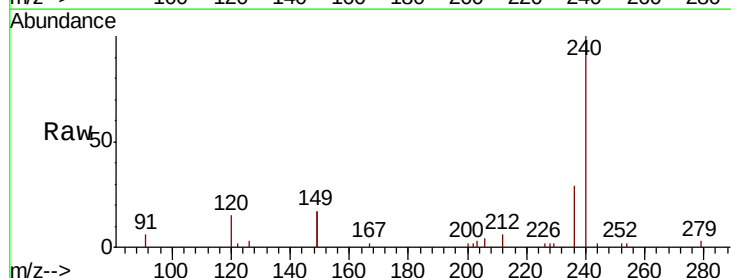
Tgt Ion:240 Resp: 12083

Ion Ratio Lower Upper

240 100

120 15.3 10.2 15.4

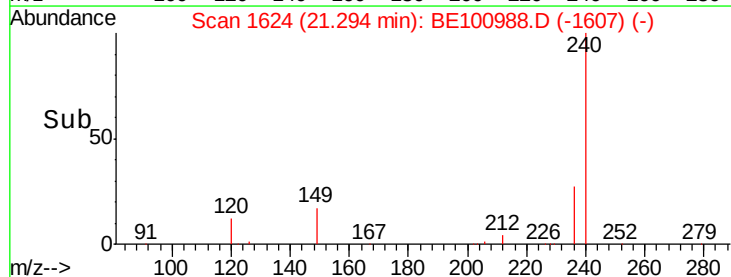
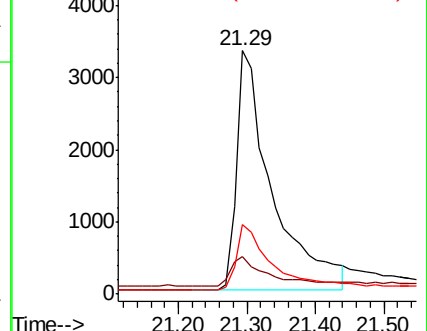
236 28.6 22.6 34.0

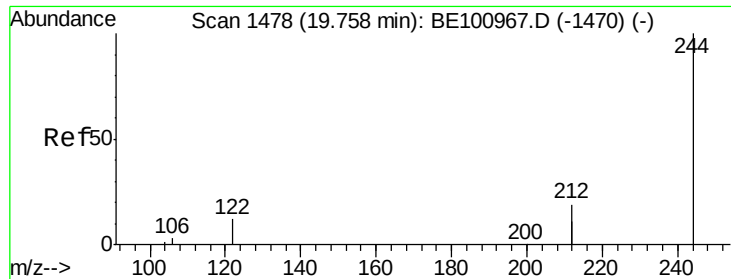


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.399 ng

RT: 19.75 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BE100988.D

Acq: 27 Dec 2019 10:52

Instrument :

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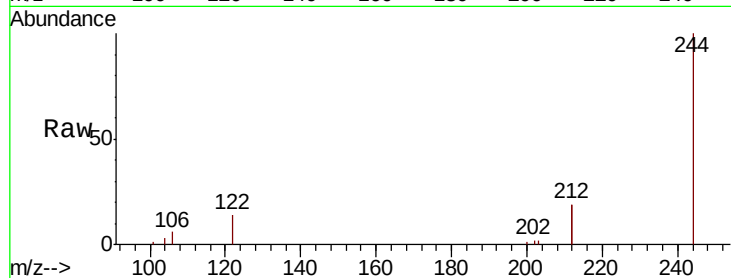
Tot Ion:244 Resp: 11090

Ion Ratio Lower Upper

244 100

212 38.8 29.3 43.9

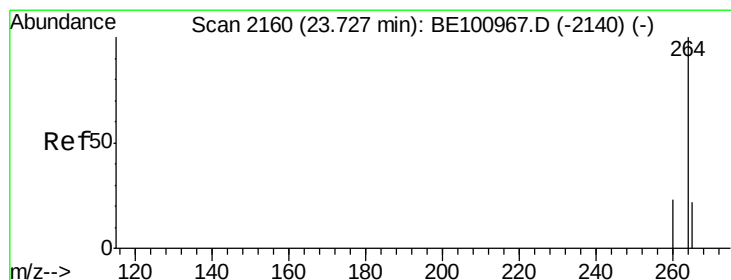
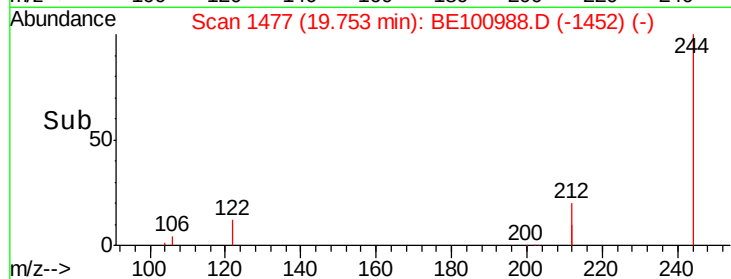
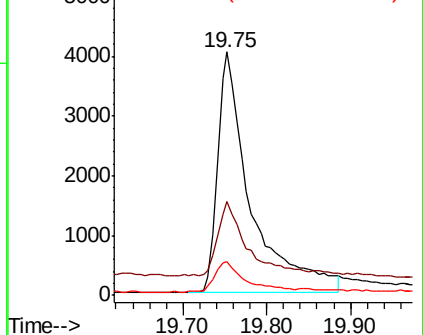
122 13.8 10.2 15.4



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: BE100988.D

Acq: 27 Dec 2019 10:52

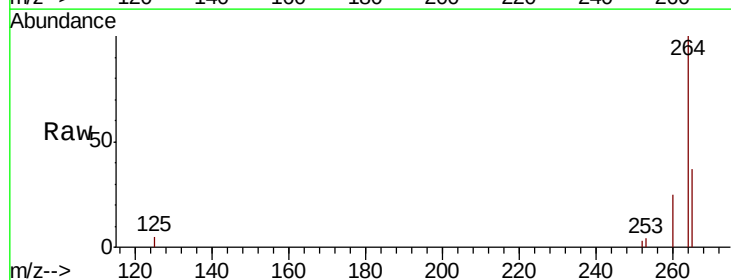
Tgt Ion:264 Resp: 14390

Ion Ratio Lower Upper

264 100

260 24.7 19.1 28.7

265 36.8 26.6 40.0



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

