

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050919\
 Data File : BE099592.D
 Acq On : 9 May 2019 17:10
 Operator : JU/SJ
 Sample : PB119482BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB119482BL

Quant Time: May 10 07:20:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE050919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 09 13:32:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1871	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	6448	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	4354	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	12092	0.40	ng	0.00
27) Chrysene-d12	21.43	240	15938	0.40	ng	0.00
34) Perylene-d12	23.97	264	18728	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.39	112	1684	0.33	ng	0.00
5) Phenol-d6	6.99	99	2320	0.35	ng	0.00
8) Nitrobenzene-d5	8.98	82	1715	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	3598	0.33	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	628	0.24	ng	0.01
15) 2-Fluorobiphenyl	13.12	172	5282	0.31	ng	0.00
25) Fluoranthene-d10	19.27	212	51971	0.33	ng	0.00
29) Terphenyl-d14	19.87	244	10792	0.38	ng	0.00

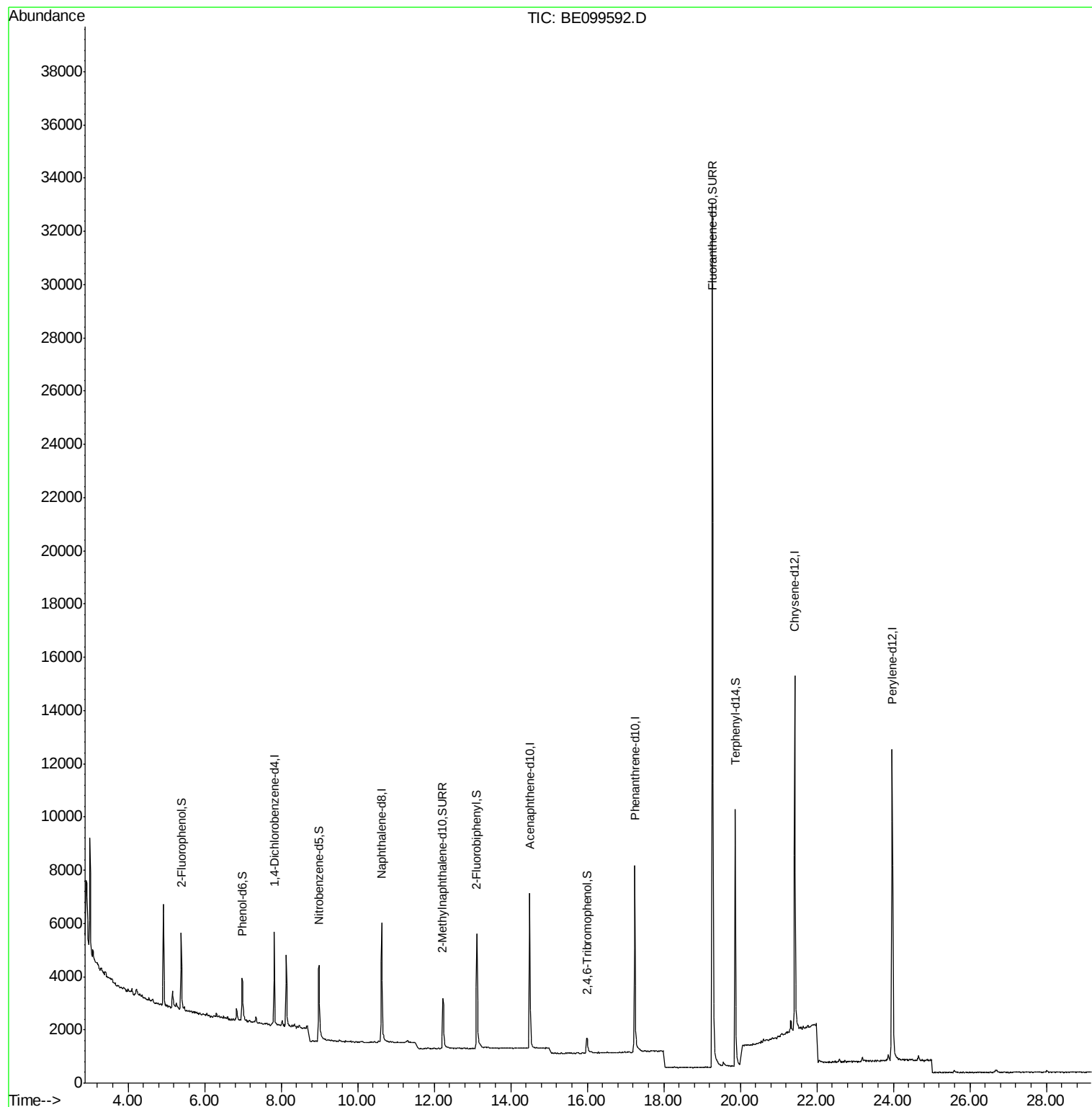
Target Compounds	Qvalue
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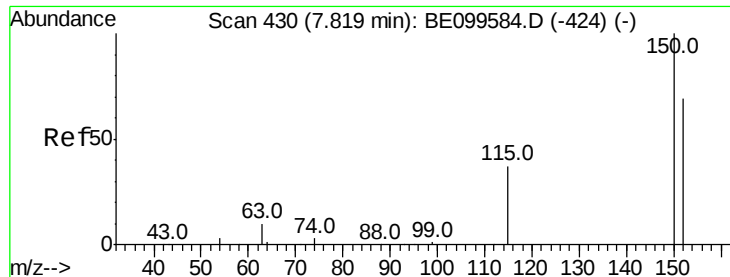
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. -0.00 min

Lab File: BE099592.D

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Instrument :

BNA_E

ClientSampleId :

PB119482BL

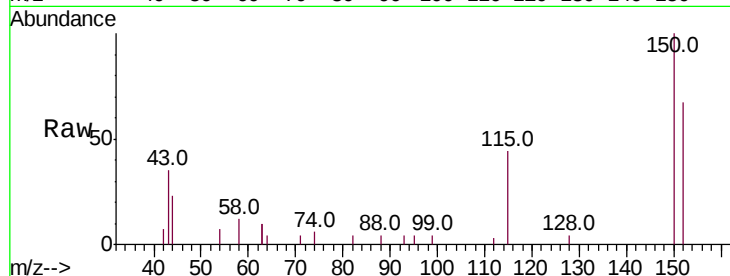
Tot Ion:152 Resp: 1871

Ion Ratio Lower Upper

152 100

150 148.6 114.2 171.4

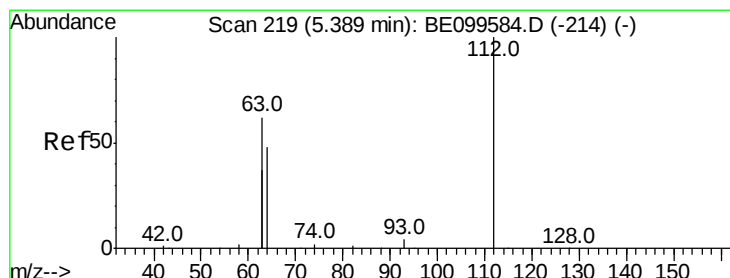
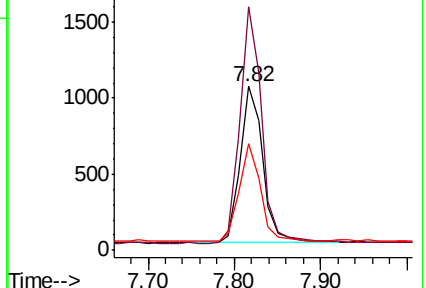
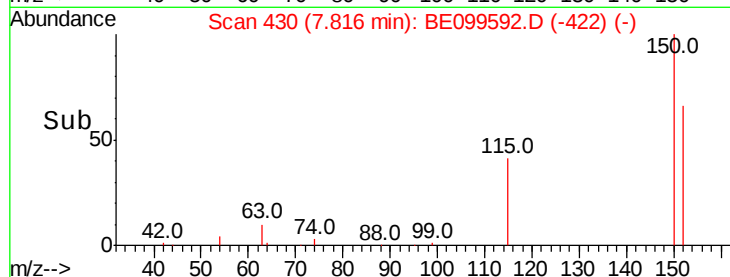
115 65.5 45.4 68.0



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: 0.329 ng

RT: 5.39 min Scan# 219

Delta R.T. -0.00 min

Lab File: BE099592.D

Acq: 9 May 2019 17:10

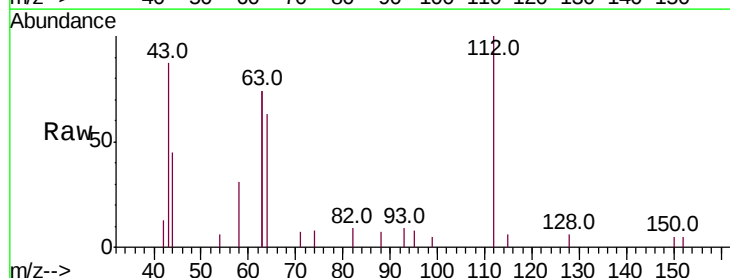
Tgt Ion:112 Resp: 1684

Ion Ratio Lower Upper

112 100

64 58.3 46.2 69.4

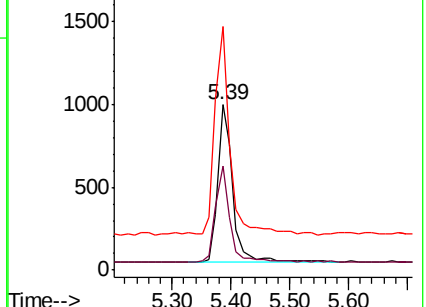
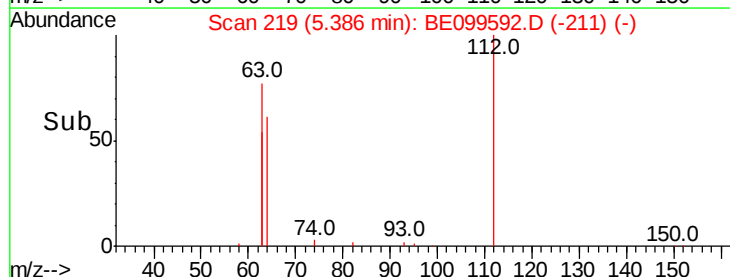
63 131.1 100.2 150.4

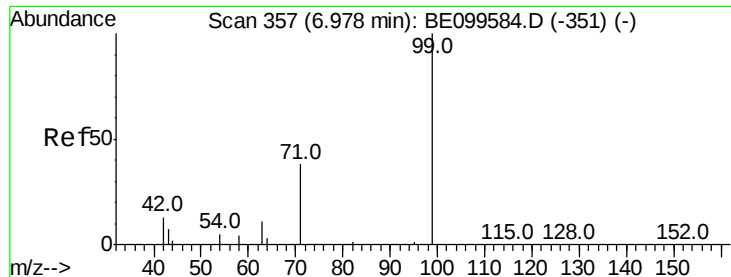


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.345 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.01 min

Lab File: BE099592.D

Acq: 9 May 2019 17:10

Instrument :

BNA_E

ClientSampleId :

PB119482BL

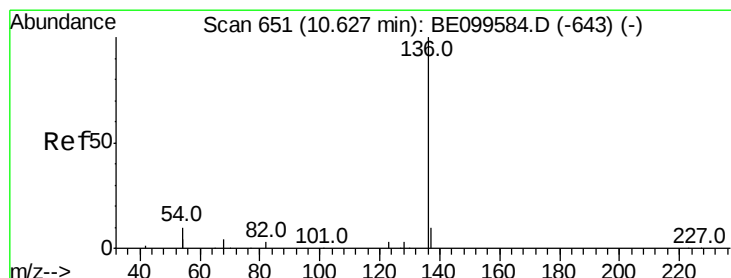
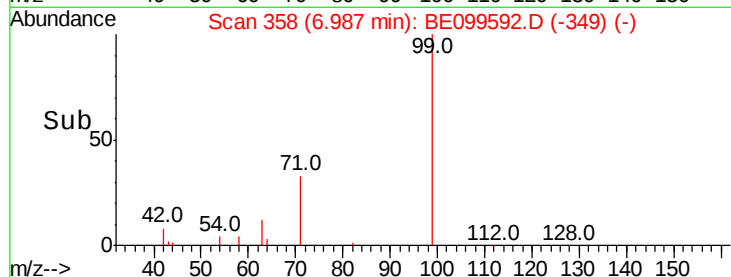
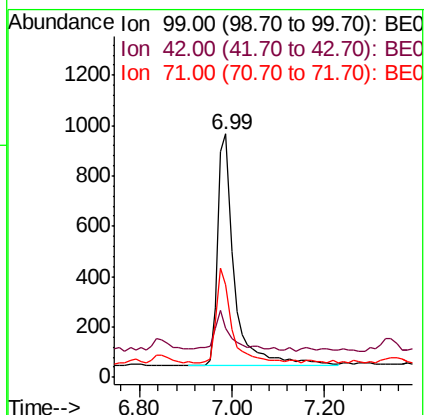
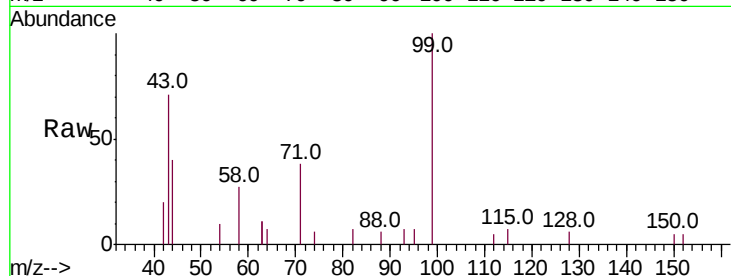
Tot Ion: 99 Resp: 2320

Ion Ratio Lower Upper

99 100

42 14.3 13.8 20.8

71 37.7 32.2 48.4



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. 0.00 min

Lab File: BE099592.D

Acq: 9 May 2019 17:10

Tgt Ion: 136 Resp: 6448

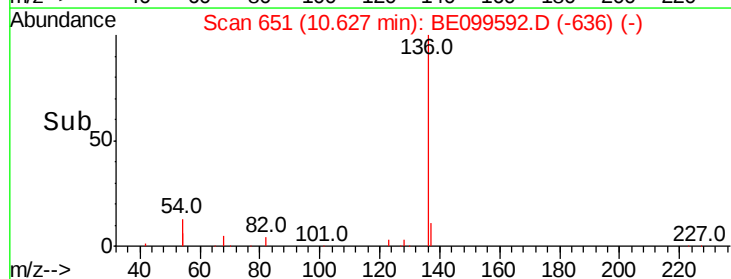
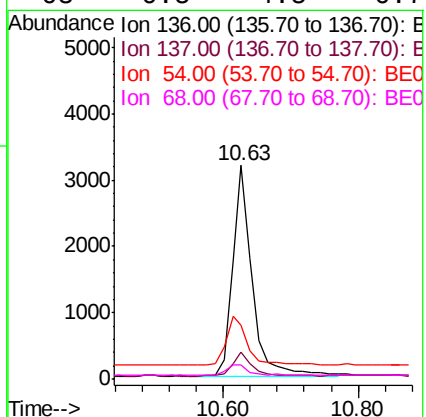
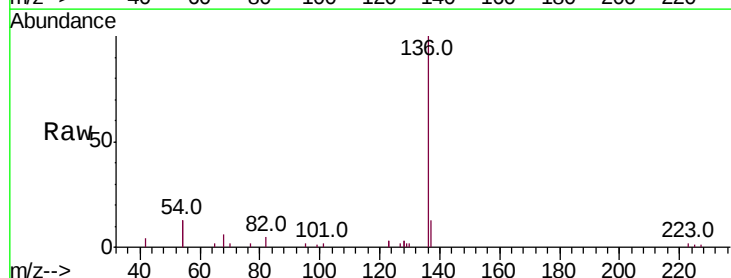
Ion Ratio Lower Upper

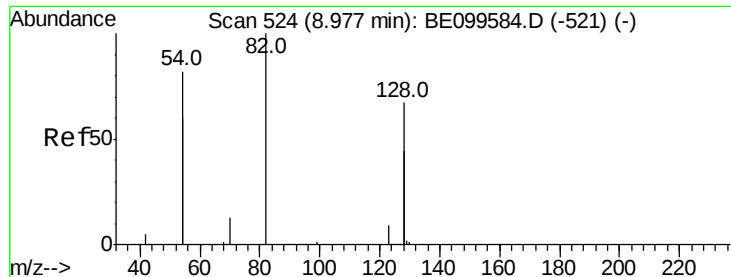
136 100

137 12.7 9.1 13.7

54 25.1 16.5 24.7#

68 6.5 4.5 6.7





#8

Nitrobenzene-d5

Concen: 0.283 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE099592.D

Acq: 9 May 2019 17:10

Instrument :

BNA_E

ClientSampleId :

PB119482BL

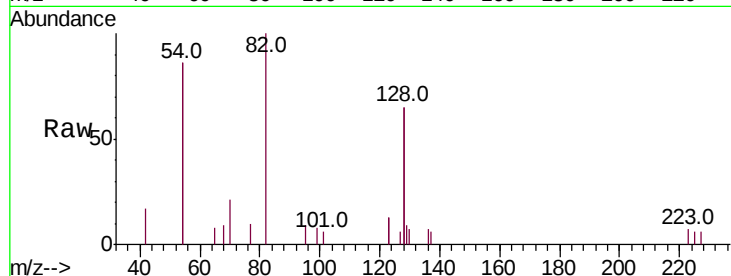
Tot Ion: 82 Resp: 1715

Ion Ratio Lower Upper

82 100

128 129.3 101.5 152.3

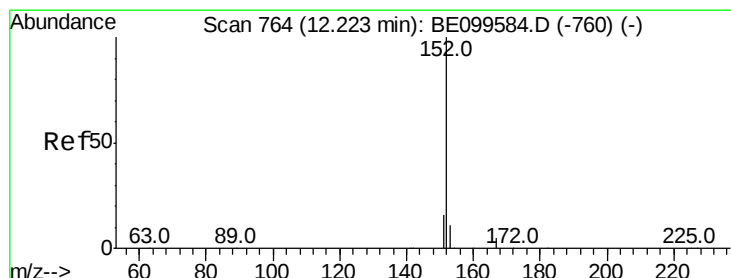
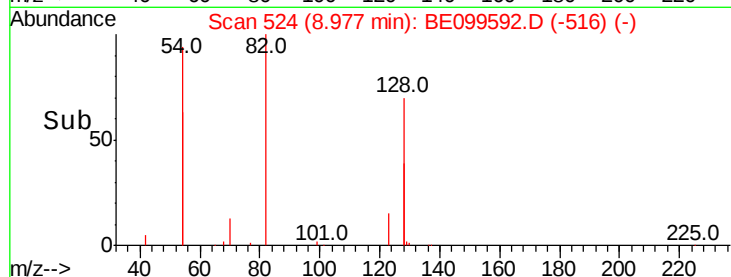
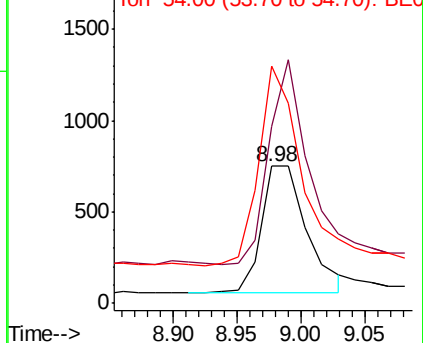
54 172.8 123.8 185.6



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.333 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE099592.D

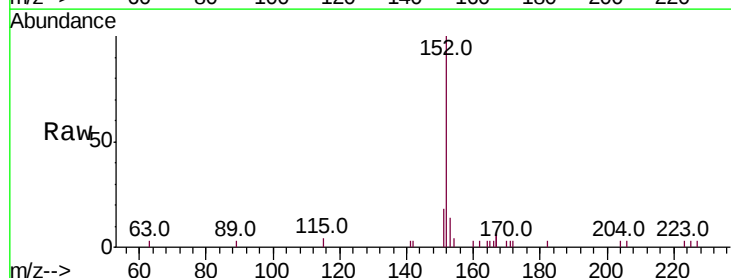
Acq: 9 May 2019 17:10

Tgt Ion: 152 Resp: 3598

Ion Ratio Lower Upper

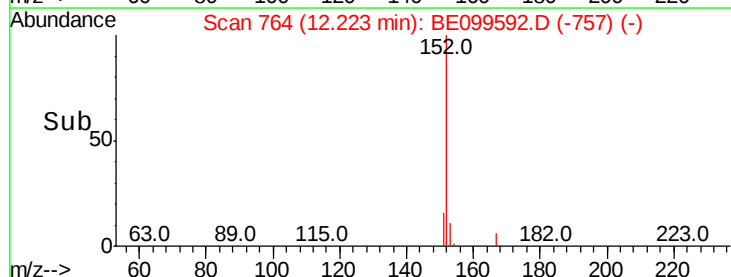
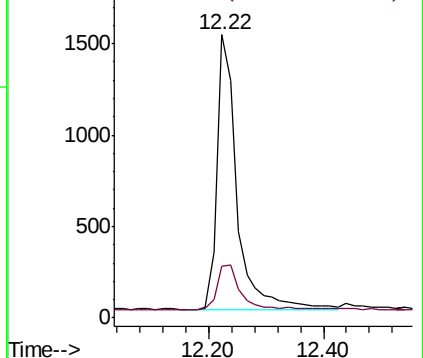
152 100

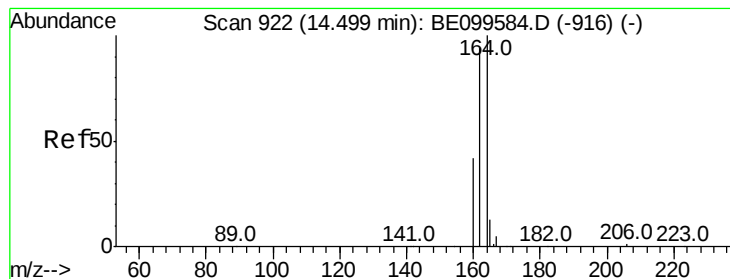
151 18.7 16.2 24.2



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: 14.50 min Scan# 922

Delta R.T. 0.00 min

Lab File: BE099592.D

Acq: 9 May 2019 17:10

Instrument :

BNA_E

ClientSampleId :

PB119482BL

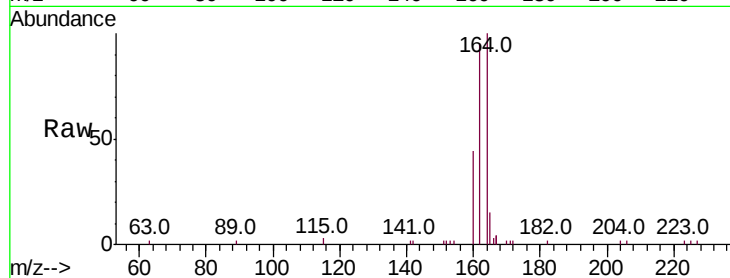
Tot Ion:164 Resp: 4354

Ion Ratio Lower Upper

164 100

162 95.3 75.3 112.9

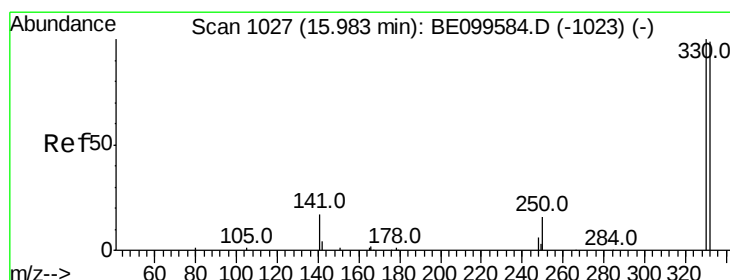
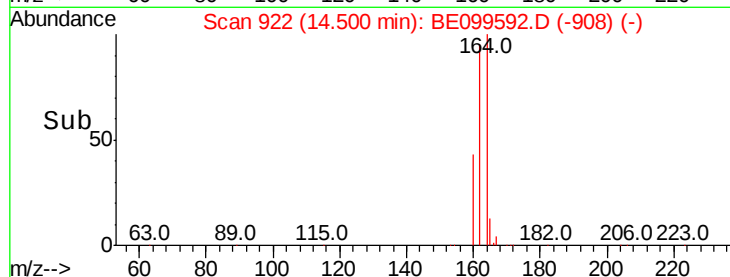
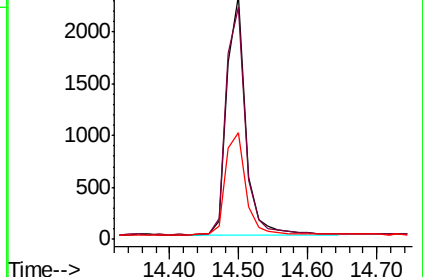
160 44.0 34.7 52.1



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: 0.243 ng

RT: 16.00 min Scan# 1028

Delta R.T. 0.01 min

Lab File: BE099592.D

Acq: 9 May 2019 17:10

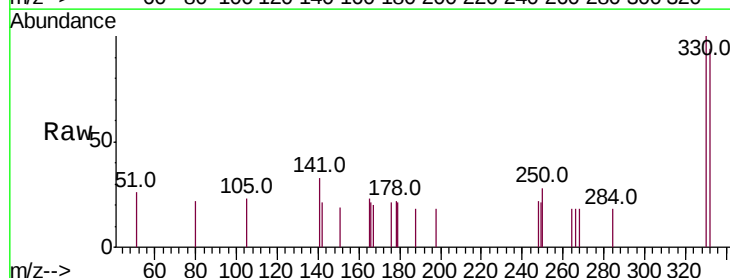
Tgt Ion:330 Resp: 628

Ion Ratio Lower Upper

330 100

332 96.0 78.7 118.1

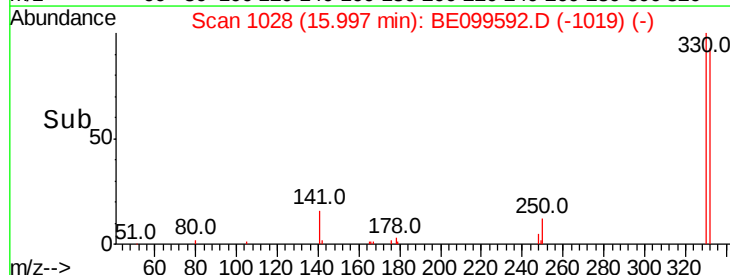
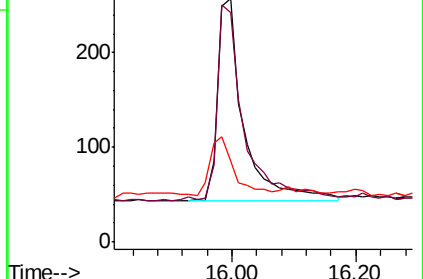
141 25.2 22.3 33.5

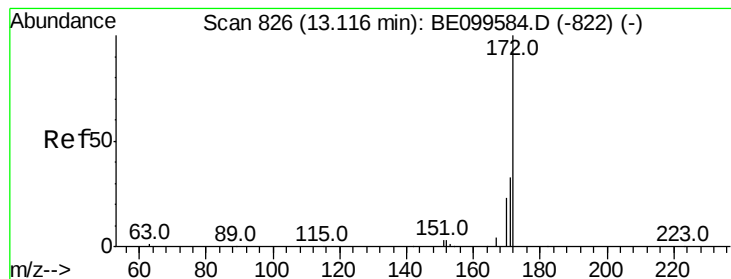


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.313 ng

RT: 13.12 min Scan# 826

Delta R.T. 0.00 min

Lab File: BE099592.D

Acq: 9 May 2019 17:10

Instrument :

BNA_E

ClientSampleId :

PB119482BL

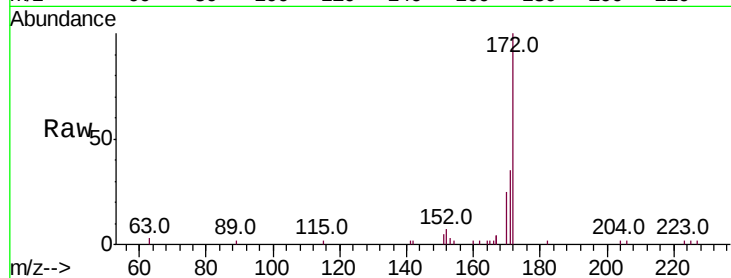
Tot Ion:172 Resp: 5282

Ion Ratio Lower Upper

172 100

171 35.2 27.5 41.3

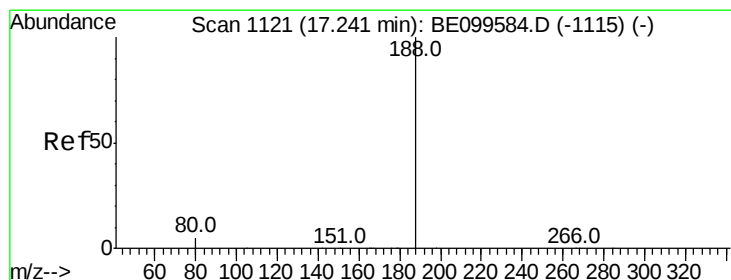
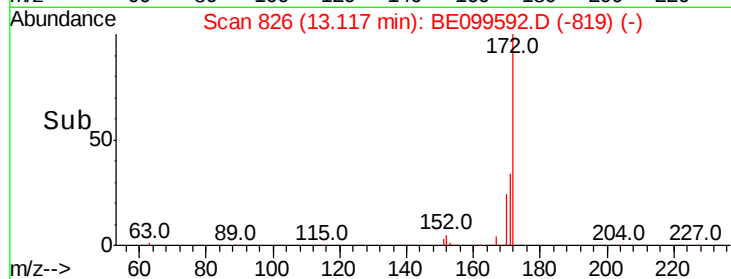
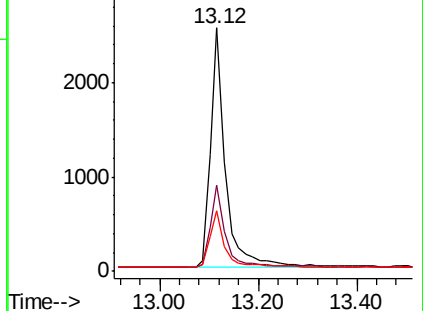
170 25.0 19.1 28.7



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: 17.24 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BE099592.D

Acq: 9 May 2019 17:10

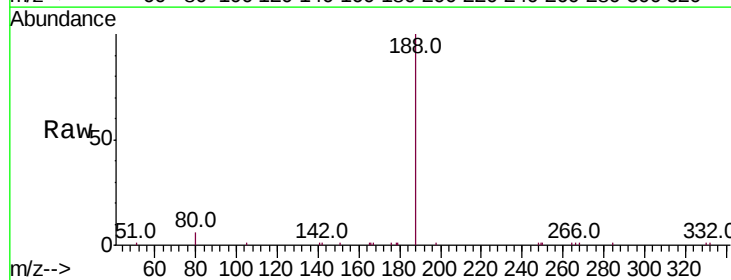
Tgt Ion:188 Resp: 12092

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

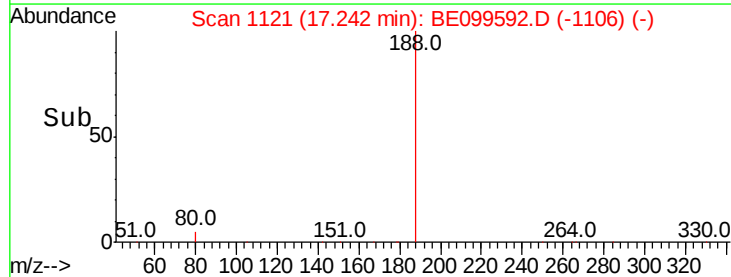
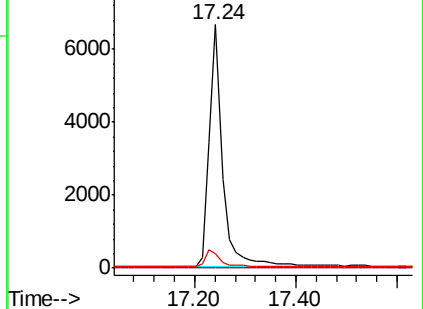
80 6.1 4.4 6.6

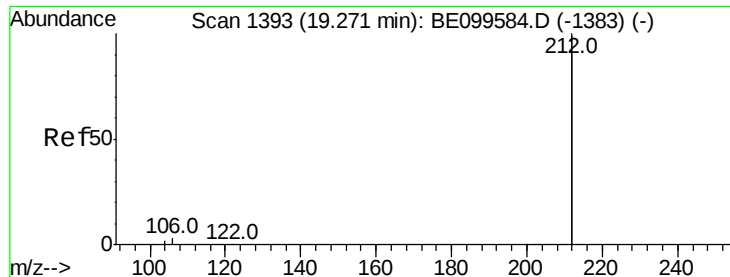


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

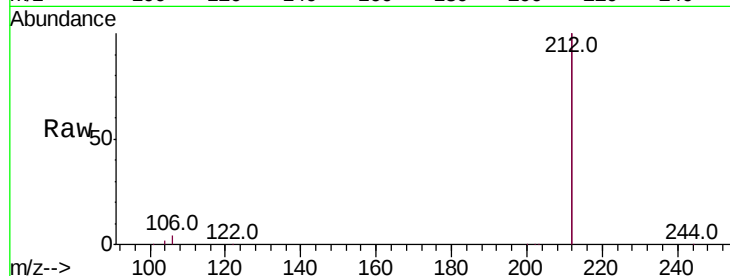




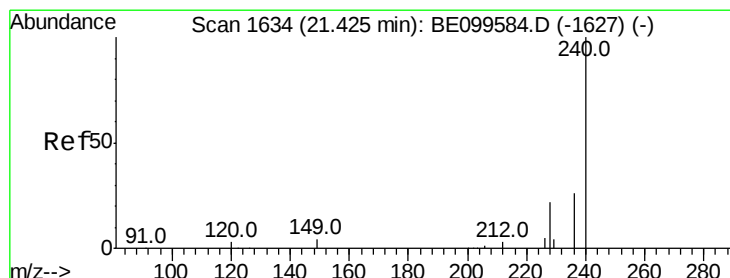
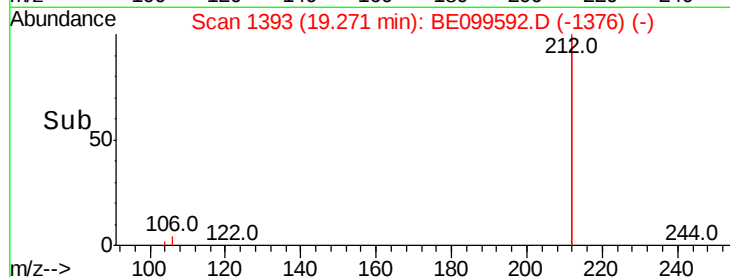
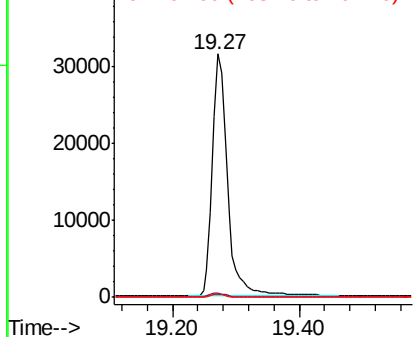
#25
 Fluoranthene-d10
 Concen: 0.327 ng
 RT: 19.27 min Scan# 1393
 Delta R.T. 0.00 min
 Lab File: BE099592.D
 Acq: 9 May 2019 17:10

Instrument :
 BNA_E
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 PB119482BL

Tot Ion:212 Resp: 51971
 Ion Ratio Lower Upper
 212 100
 106 1.8 1.4 2.2
 104 1.1 0.9 1.3

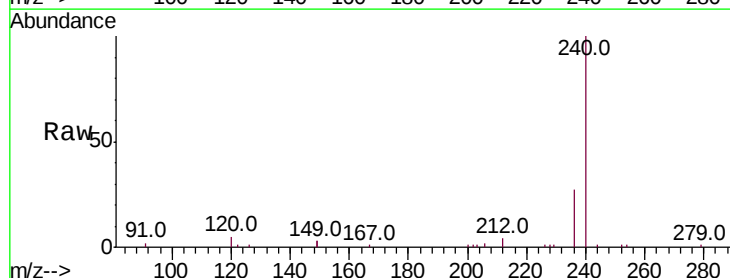


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

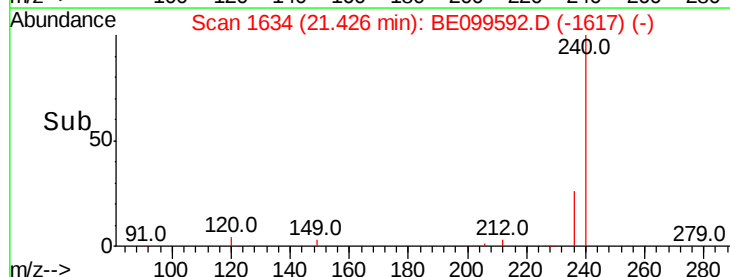
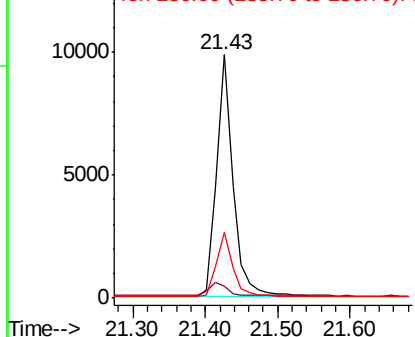


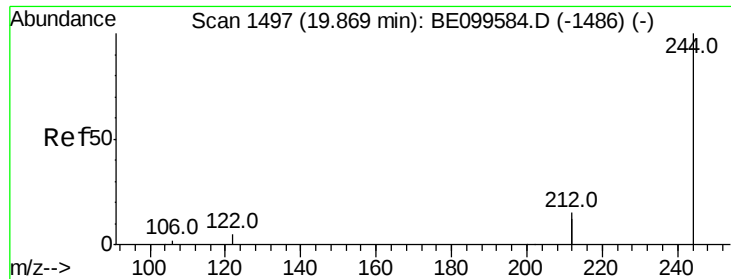
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.43 min Scan# 1634
 Delta R.T. 0.00 min
 Lab File: BE099592.D
 Acq: 9 May 2019 17:10

Tgt Ion:240 Resp: 15938
 Ion Ratio Lower Upper
 240 100
 120 5.0 3.2 4.8#
 236 26.8 21.0 31.6



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: 0.381 ng

RT: 19.87 min Scan# 1497

Delta R.T. 0.00 min

Lab File: BE099592.D

Acq: 9 May 2019 17:10

Instrument :

BNA_E

ClientSampleId :

PB119482BL

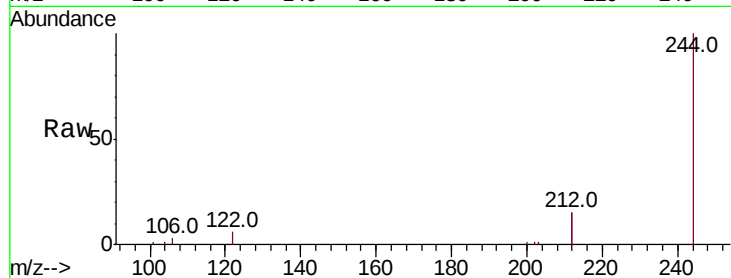
Tot Ion:244 Resp: 10792

Ion Ratio Lower Upper

244 100

212 29.9 24.4 36.6

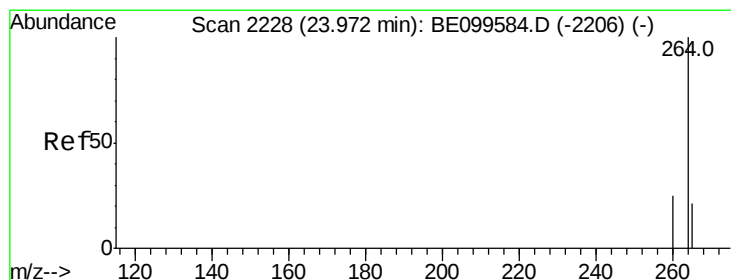
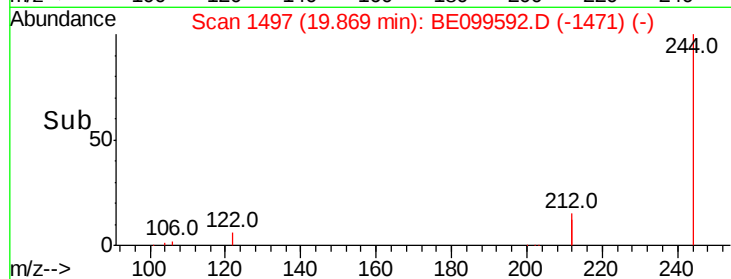
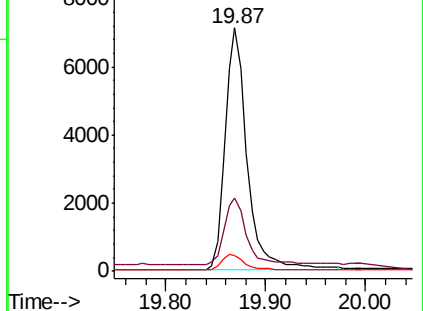
122 6.4 4.6 6.8



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: 23.97 min Scan# 2228

Delta R.T. 0.00 min

Lab File: BE099592.D

Acq: 9 May 2019 17:10

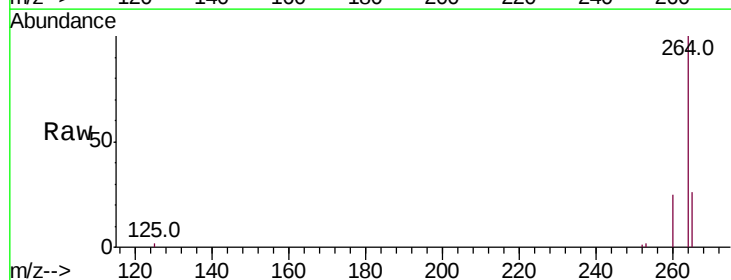
Tgt Ion:264 Resp: 18728

Ion Ratio Lower Upper

264 100

260 25.1 20.3 30.5

265 26.0 20.9 31.3



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

