

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050719\
 Data File : BE099568.D
 Acq On : 7 May 2019 16:48
 Operator : JU/SJ
 Sample : PB119482BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB119482BL

Quant Time: May 08 01:53:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE050719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 07 14:10:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1808	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	6114	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	4334	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	12599	0.40	ng	0.00
27) Chrysene-d12	21.43	240	17201	0.40	ng	0.00
34) Perylene-d12	23.98	264	20818	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	1631	0.33	ng	0.00
5) Phenol-d6	6.99	99	2198	0.33	ng	0.00
8) Nitrobenzene-d5	8.99	82	1633	0.28	ng	0.01
11) 2-Methylnaphthalene-d10	12.24	152	3294	0.31	ng	0.01
14) 2,4,6-Tribromophenol	16.00	330	688	0.24	ng	0.01
15) 2-Fluorobiphenyl	13.12	172	5085	0.31	ng	0.00
25) Fluoranthene-d10	19.28	212	55125	0.32	ng	0.00
29) Terphenyl-d14	19.87	244	11638	0.37	ng	0.00

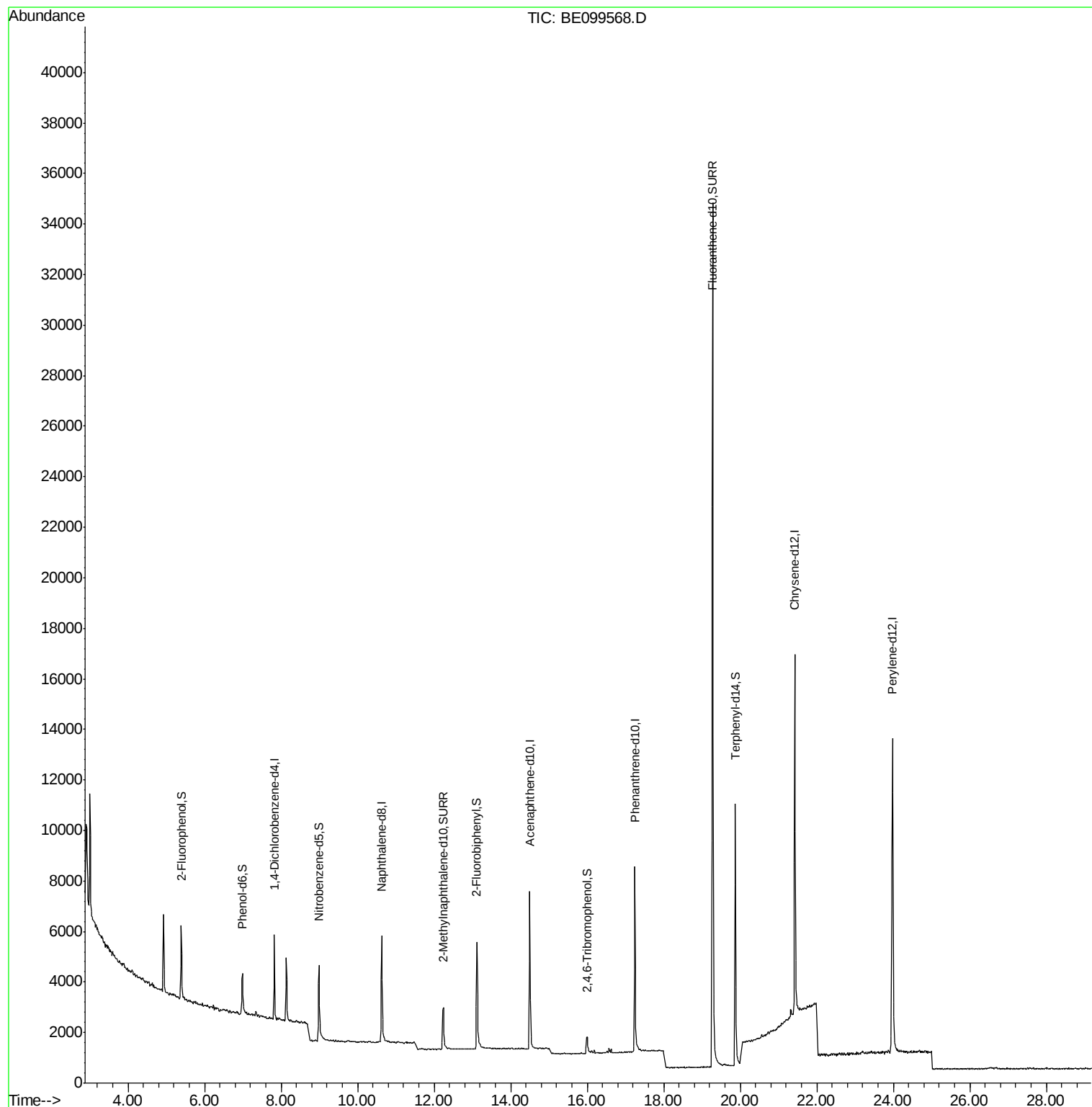
Target Compounds	Qvalue
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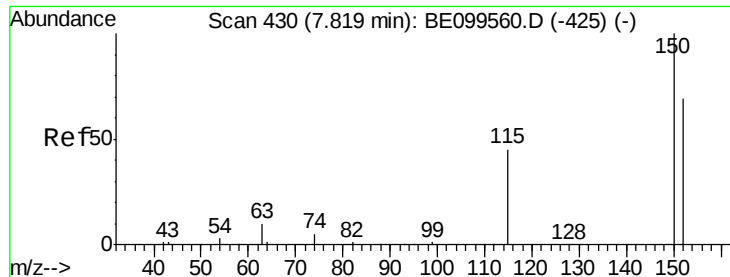
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE099568.D

Acq: 7 May 2019 16:48

Instrument :

BNA_E

ClientSampleId :

PB119482BL

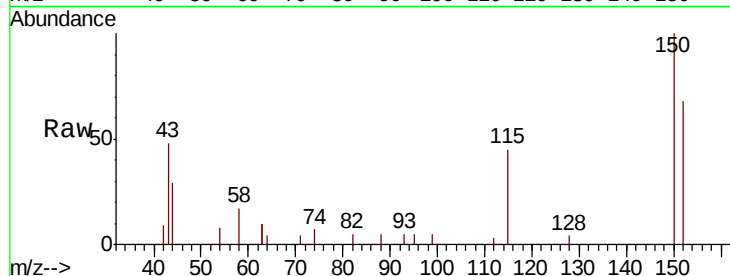
Tot Ion:152 Resp: 1808

Ion Ratio Lower Upper

152 100

150 147.5 113.8 170.6

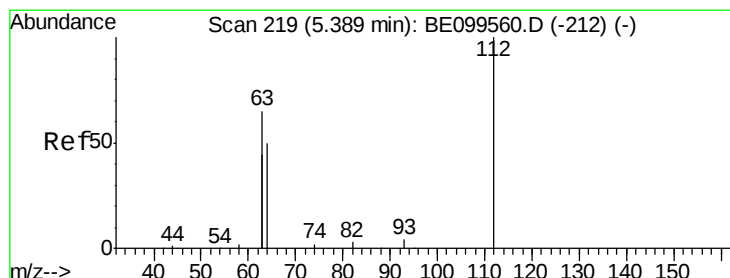
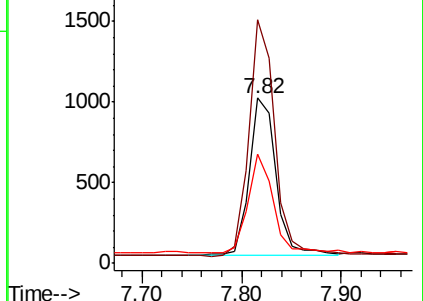
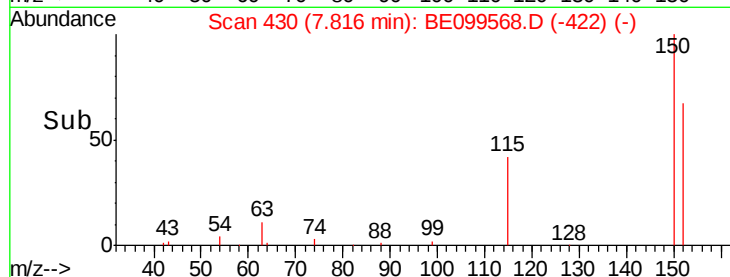
115 66.5 54.2 81.2



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: 0.325 ng

RT: 5.39 min Scan# 219

Delta R.T. -0.00 min

Lab File: BE099568.D

Acq: 7 May 2019 16:48

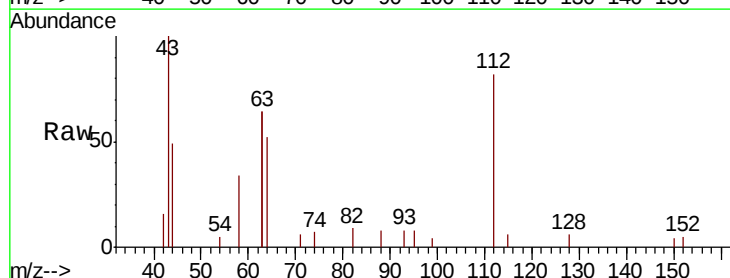
Tgt Ion:112 Resp: 1631

Ion Ratio Lower Upper

112 100

64 53.5 46.3 69.5

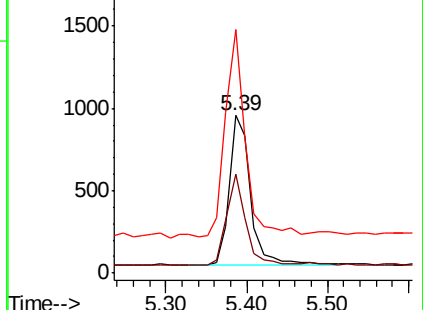
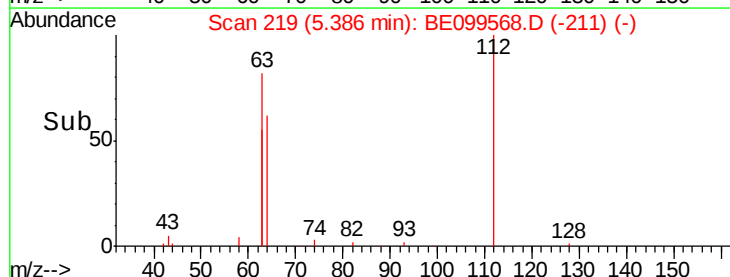
63 131.6 99.6 149.4

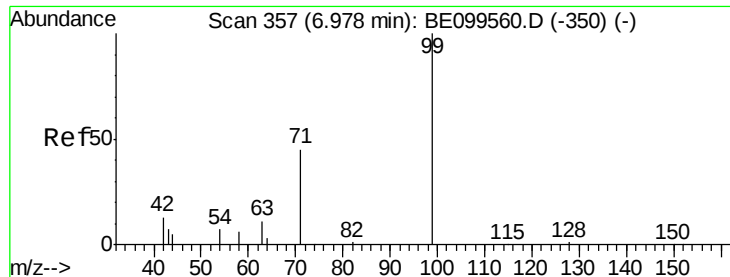


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.333 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.01 min

Lab File: BE099568.D

Acq: 7 May 2019 16:48

Instrument :

BNA_E

ClientSampleId :

PB119482BL

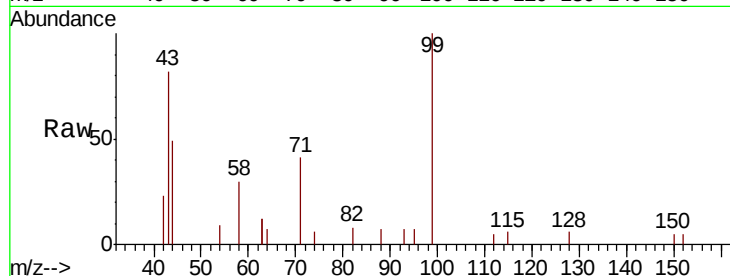
Tot Ion: 99 Resp: 2198

Ion Ratio Lower Upper

99 100

42 21.7 13.4 20.0#

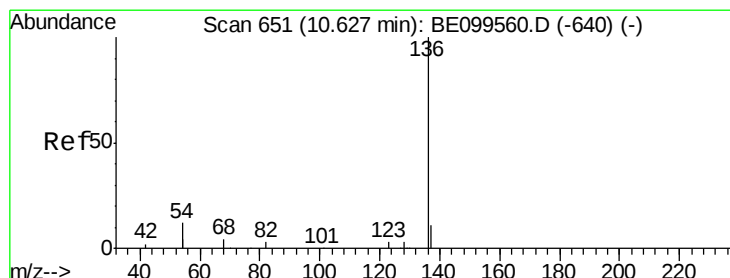
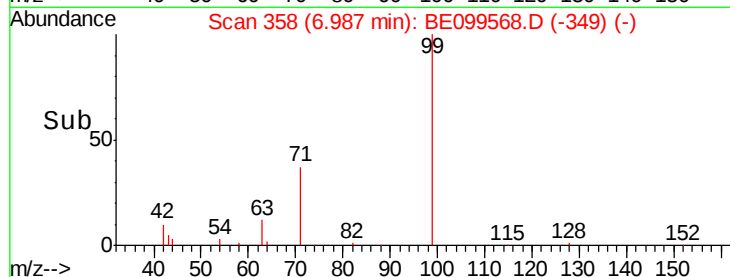
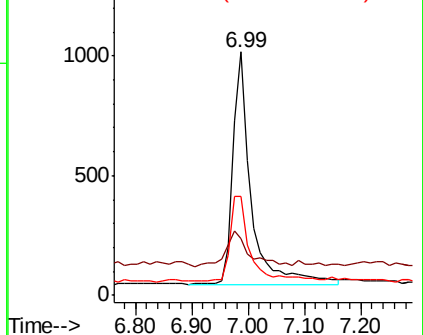
71 40.1 34.2 51.2



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. -0.00 min

Lab File: BE099568.D

Acq: 7 May 2019 16:48

Tgt Ion: 136 Resp: 6114

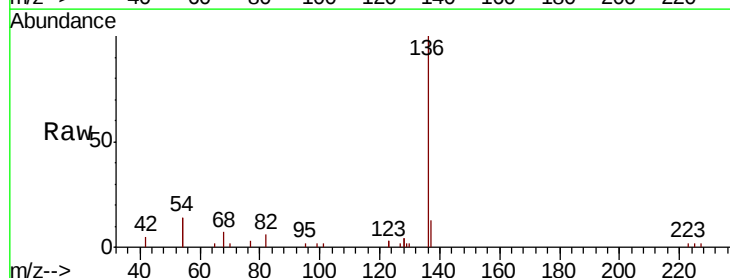
Ion Ratio Lower Upper

136 100

137 12.7 10.0 15.0

54 27.4 18.6 28.0

68 6.6 4.6 6.8

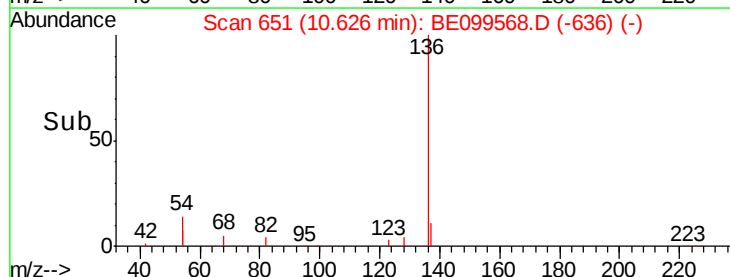
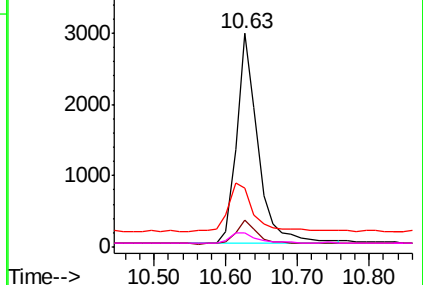


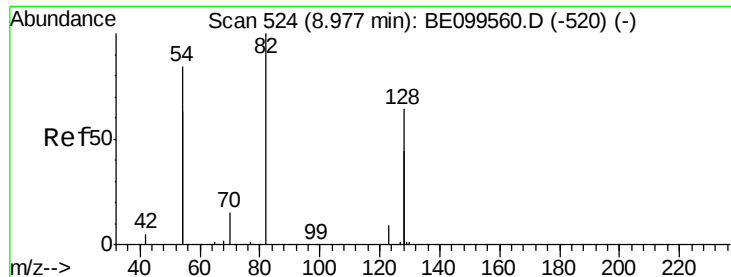
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#8

Nitrobenzene-d5

Concen: 0.277 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.01 min

Lab File: BE099568.D

Acq: 7 May 2019 16:48

Instrument :

BNA_E

ClientSampleId :

PB119482BL

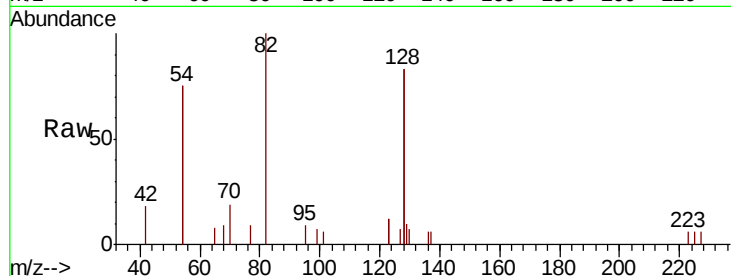
Tot Ion: 82 Resp: 1633

Ion Ratio Lower Upper

82 100

128 166.3 97.6 146.4#

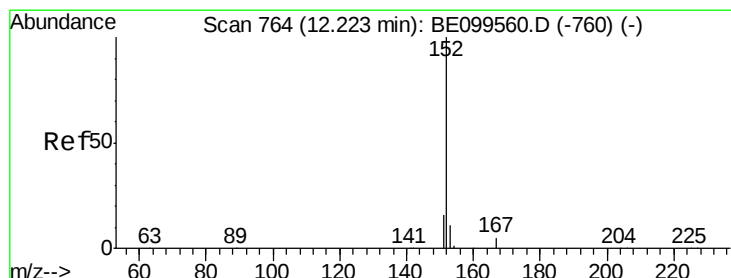
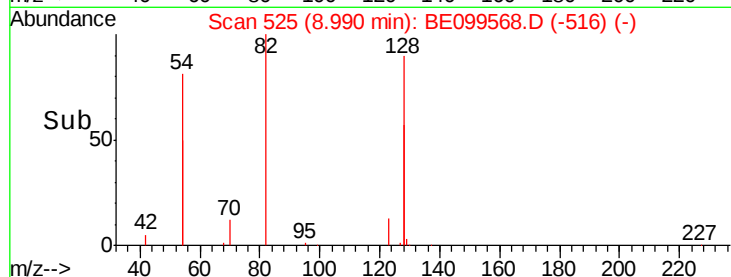
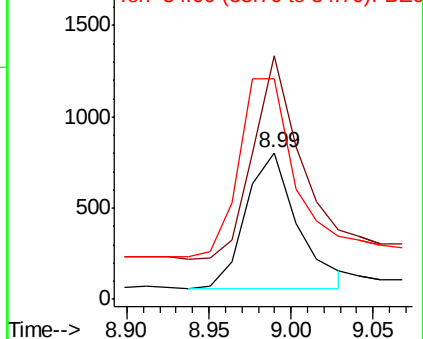
54 150.4 127.4 191.2



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.309 ng

RT: 12.24 min Scan# 765

Delta R.T. 0.01 min

Lab File: BE099568.D

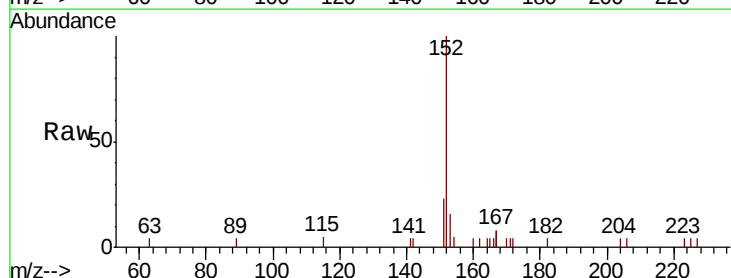
Acq: 7 May 2019 16:48

Tgt Ion: 152 Resp: 3294

Ion Ratio Lower Upper

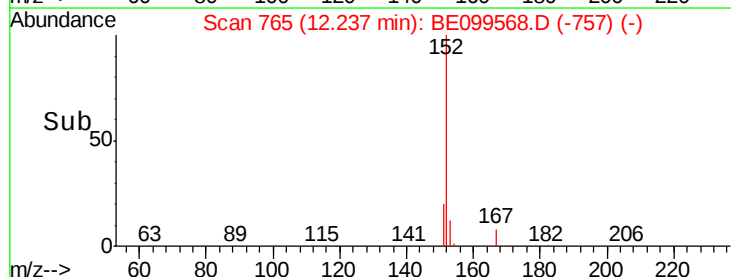
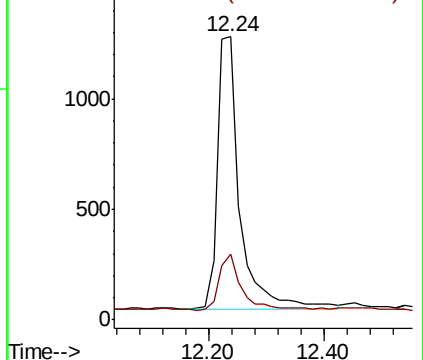
152 100

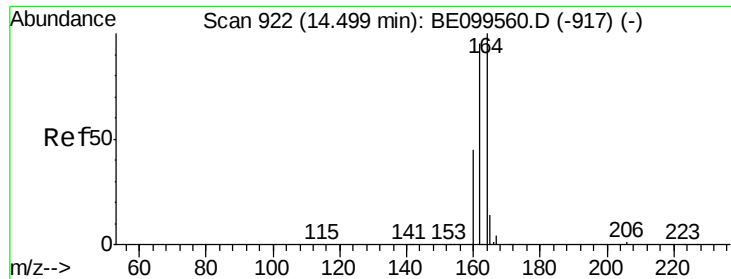
151 20.9 15.8 23.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

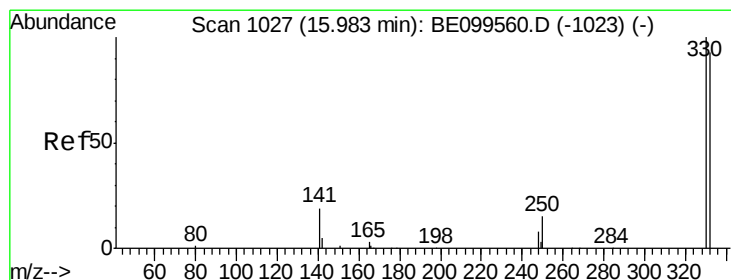
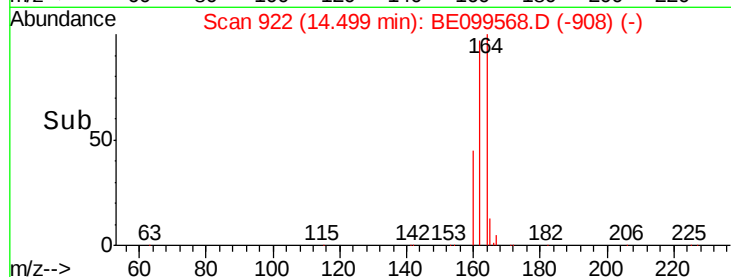
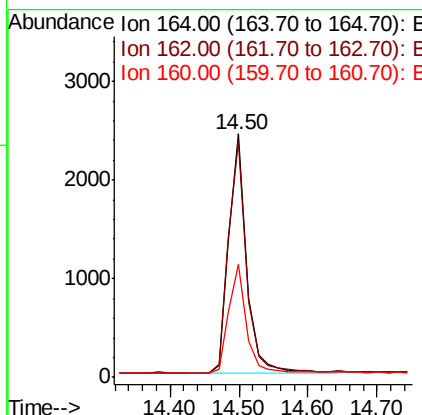
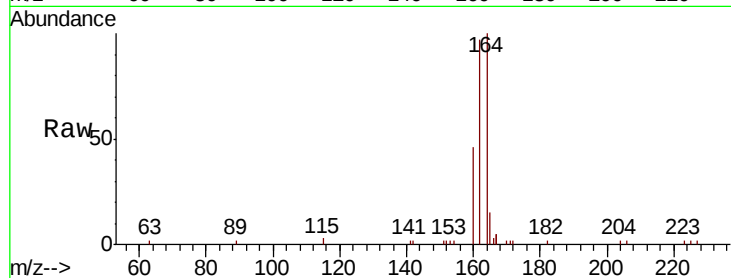




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.50 min Scan# 922
 Delta R.T. -0.00 min
 Lab File: BE099568.D
 Acq: 7 May 2019 16:48

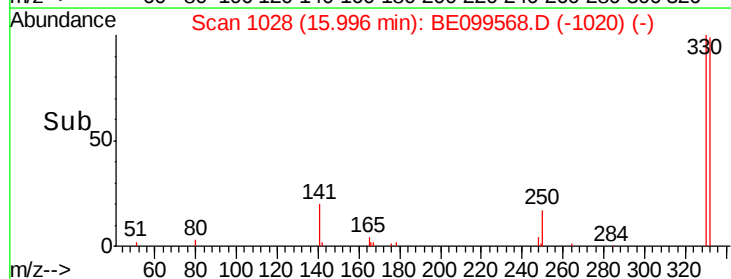
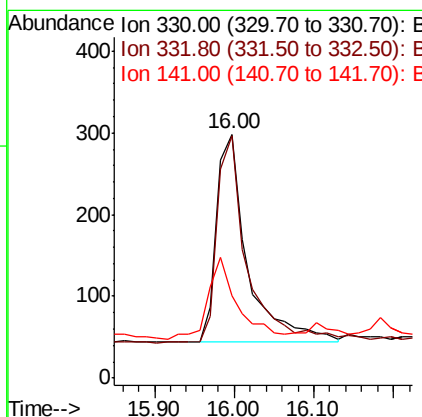
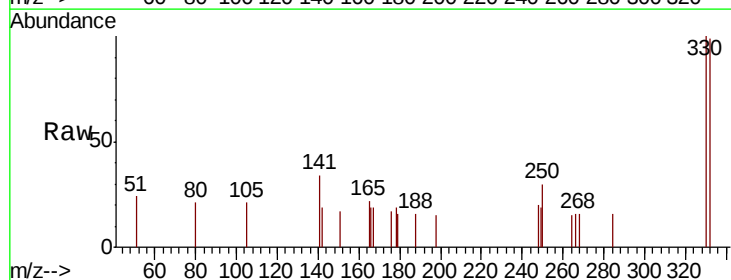
Instrument :
 BNA_E
 ClientSampleId :
 PB119482BL

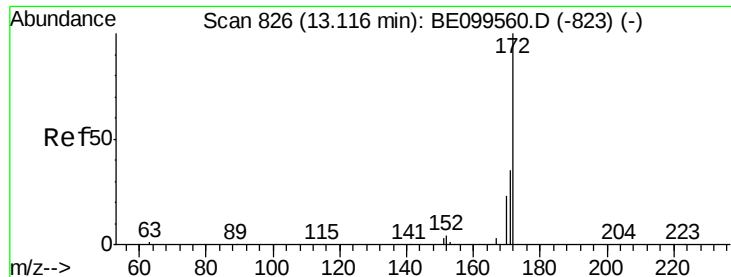
Tot Ion:164 Resp: 4334
 Ion Ratio Lower Upper
 164 100
 162 96.8 76.4 114.6
 160 46.4 36.6 55.0



#14
 2,4,6-Tribromophenol
 Concen: 0.238 ng
 RT: 16.00 min Scan# 1028
 Delta R.T. 0.01 min
 Lab File: BE099568.D
 Acq: 7 May 2019 16:48

Tgt Ion:330 Resp: 688
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.7 116.5
 141 37.1 26.1 39.1

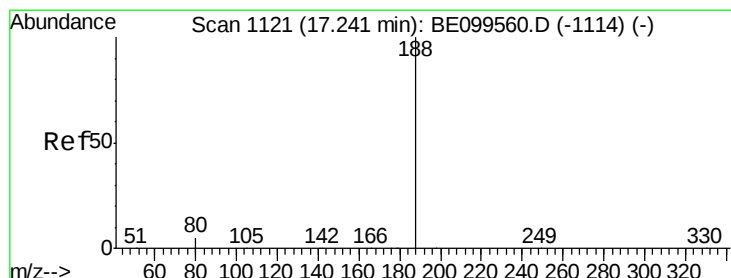
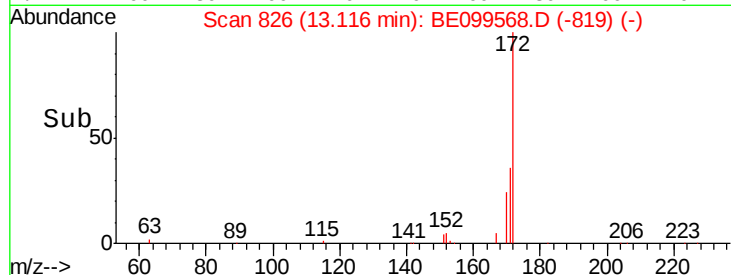
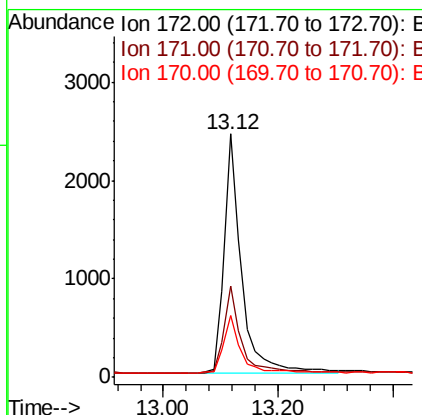
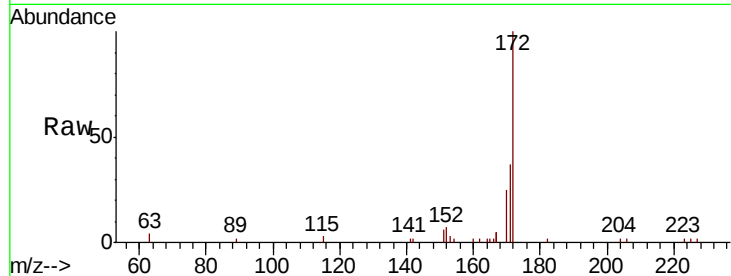




#15
2-Fluorobiphenyl
Concen: 0.310 ng
RT: 13.12 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE099568.D
Acq: 7 May 2019 16:48

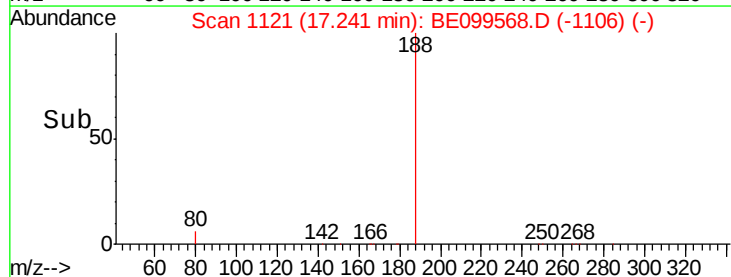
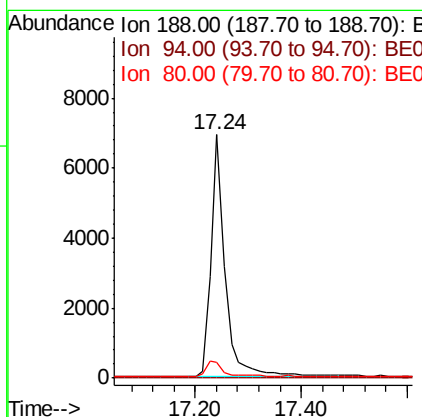
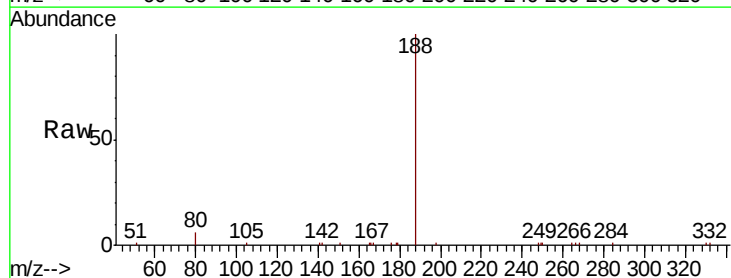
Instrument :
BNA_E
ClientSampleId :
PB119482BL

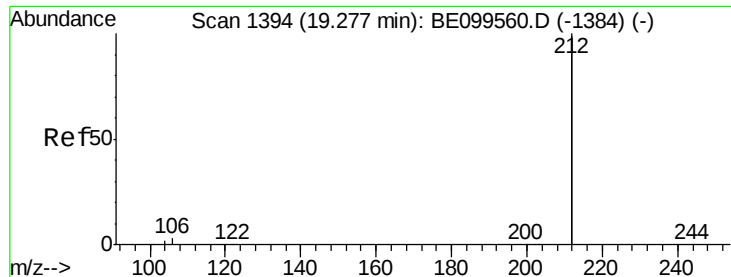
Tot Ion:172 Resp: 5085
Ion Ratio Lower Upper
172 100
171 37.3 28.4 42.6
170 25.5 18.8 28.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BE099568.D
Acq: 7 May 2019 16:48

Tgt Ion:188 Resp: 12599
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.4 4.6 7.0





#25

Fluoranthene-d10

Concen: 0.325 ng

RT: 19.28 min Scan# 1394

Delta R.T. -0.00 min

Lab File: BE099568.D

Acq: 7 May 2019 16:48

Instrument :

BNA_E

ClientSampleId :

PB119482BL

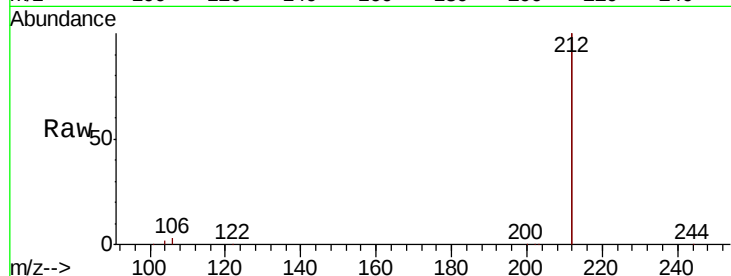
Tot Ion:212 Resp: 55125

Ion Ratio Lower Upper

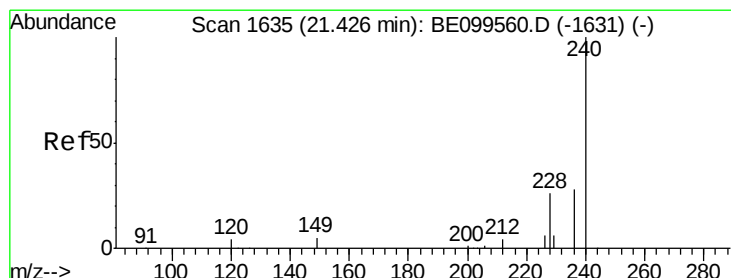
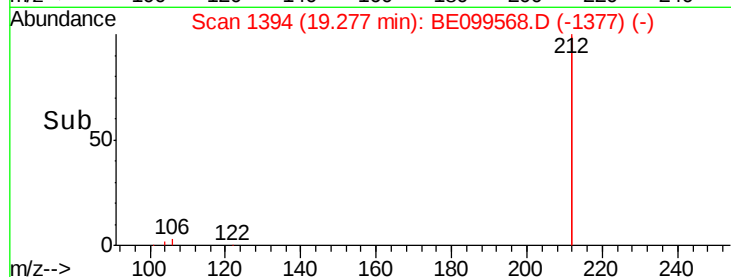
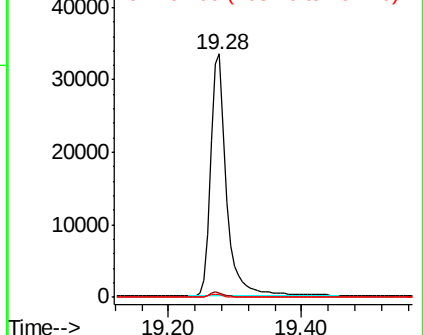
212 100

106 1.8 1.4 2.0

104 1.0 0.8 1.2



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# 1635

Delta R.T. 0.00 min

Lab File: BE099568.D

Acq: 7 May 2019 16:48

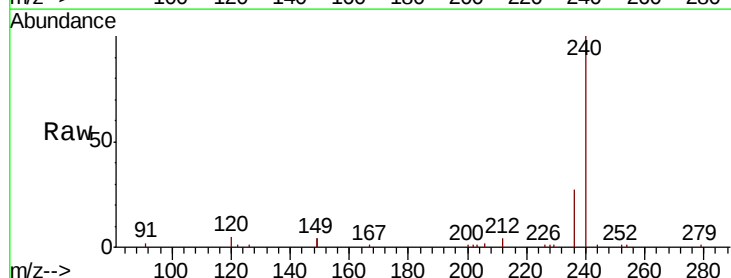
Tgt Ion:240 Resp: 17201

Ion Ratio Lower Upper

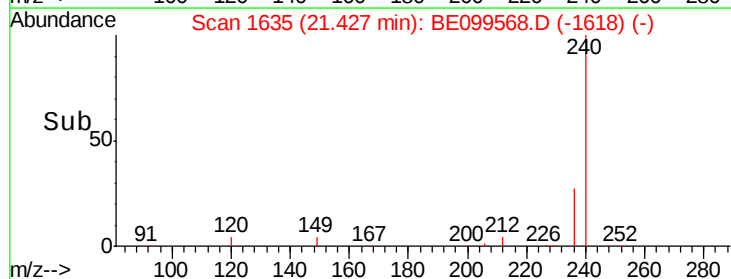
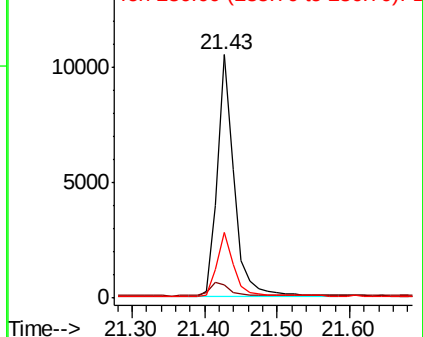
240 100

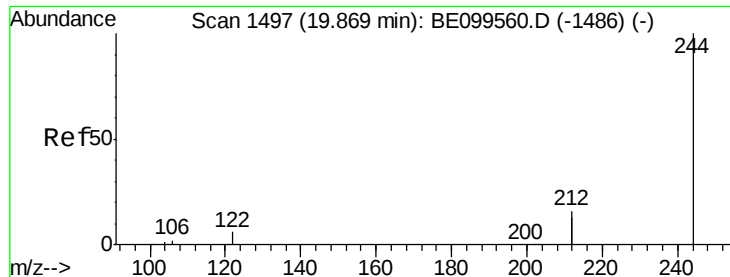
120 5.2 3.8 5.6

236 27.2 22.5 33.7



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: 0.365 ng

RT: 19.87 min Scan# 1497

Delta R.T. -0.00 min

Lab File: BE099568.D

Acq: 7 May 2019 16:48

Instrument :

BNA_E

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PB119482BL

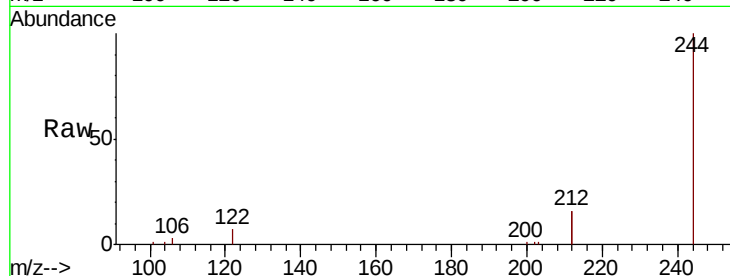
Tot Ion:244 Resp: 11638

Ion Ratio Lower Upper

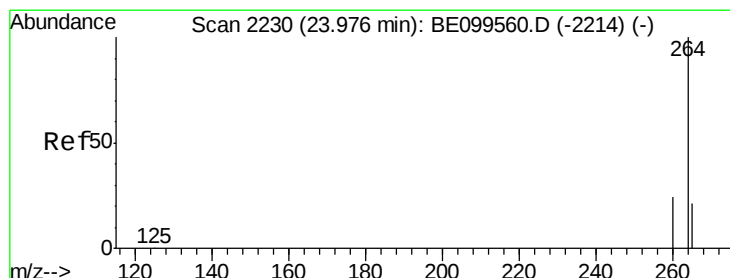
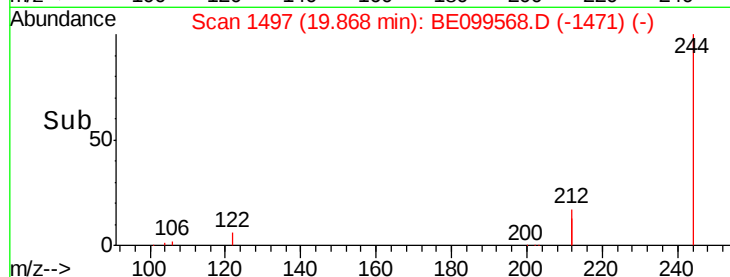
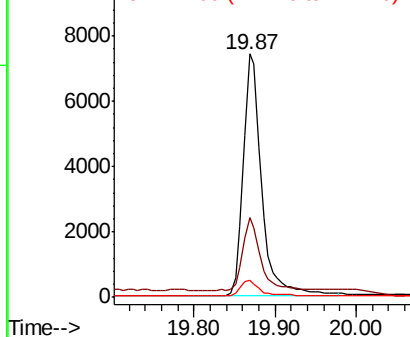
244 100

212 32.9 24.6 37.0

122 7.0 5.0 7.6



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: 23.98 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BE099568.D

Acq: 7 May 2019 16:48

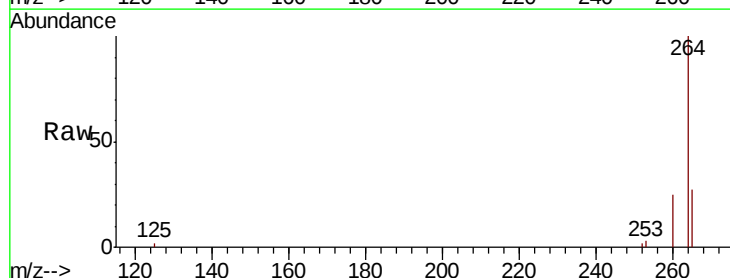
Tgt Ion:264 Resp: 20818

Ion Ratio Lower Upper

264 100

260 25.4 19.9 29.9

265 26.7 22.2 33.2



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

