

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061119\
 Data File : BE099924.D
 Acq On : 11 Jun 2019 15:08
 Operator : JU/SJ
 Sample : PB120465BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB120465BL

Quant Time: Jun 12 04:17:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 14:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	615	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	2045	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	1700	0.40	ng	-0.01
19) Phenanthrene-d10	17.20	188	6281	0.40	ng	-0.01
27) Chrysene-d12	21.37	240	8565	0.40	ng	-0.04
34) Perylene-d12	23.87	264	10177	0.40	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	505	0.30	ng	0.00
5) Phenol-d6	7.00	99	616	0.29	ng	0.03
8) Nitrobenzene-d5	9.02	82	483	0.25	ng	0.05
11) 2-Methylnaphthalene-d10	12.22	152	1061	0.30	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	383	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	2439	0.38	ng	0.01
25) Fluoranthene-d10	19.22	212	28783	0.31	ng	-0.03
29) Terphenyl-d14	19.82	244	8586	0.56	ng	-0.03

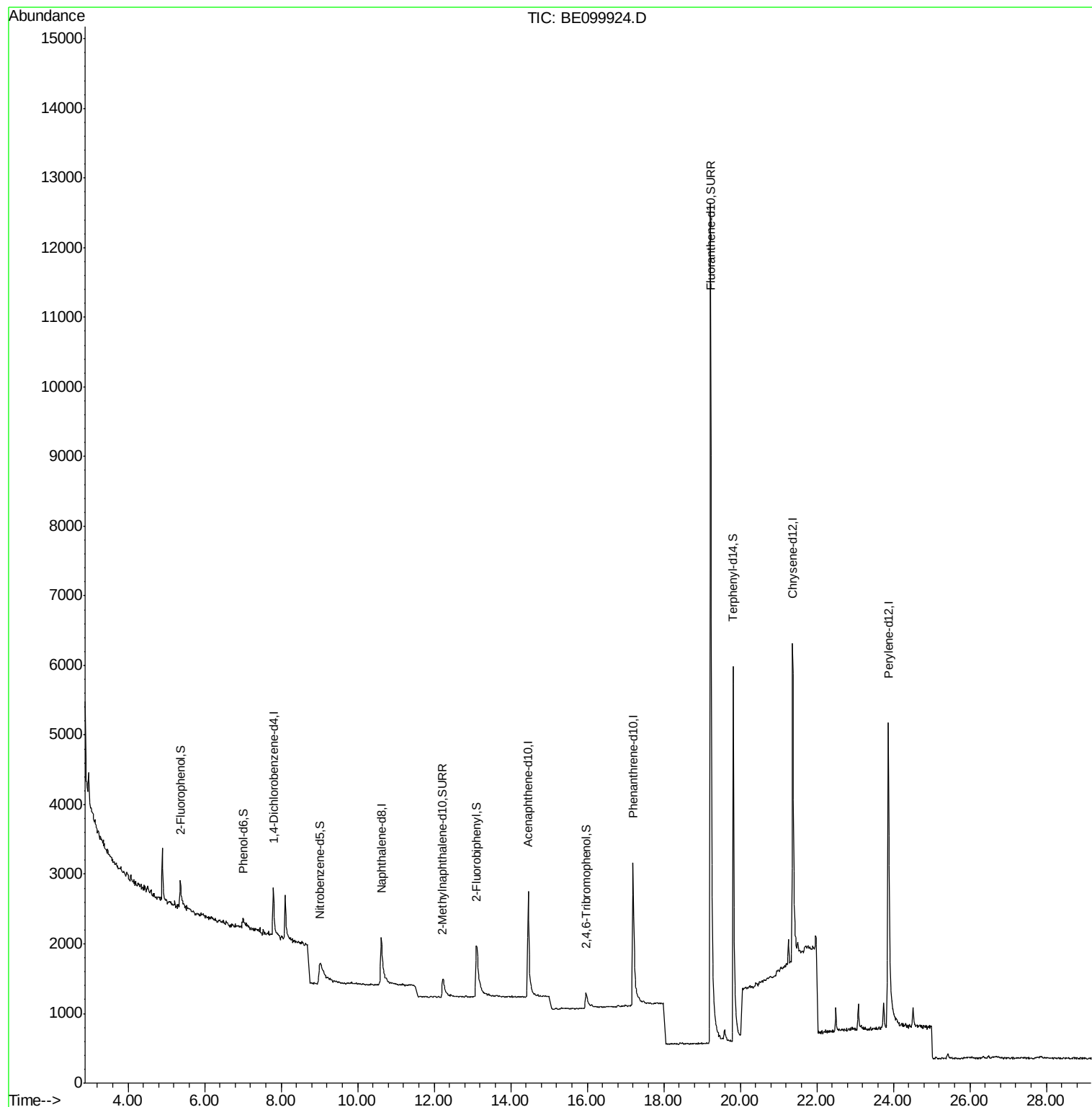
Target Compounds	Qvalue

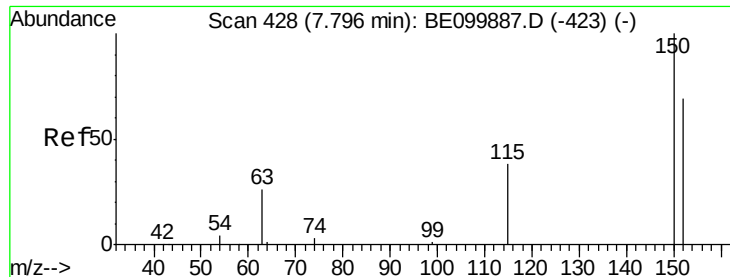
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.79 min Scan# 428

Delta R.T. -0.00 min

Lab File: BE099924.D

Acq: 11 Jun 2019 15:08

Instrument :

BNA_E

ClientSampleId :

PB120465BL

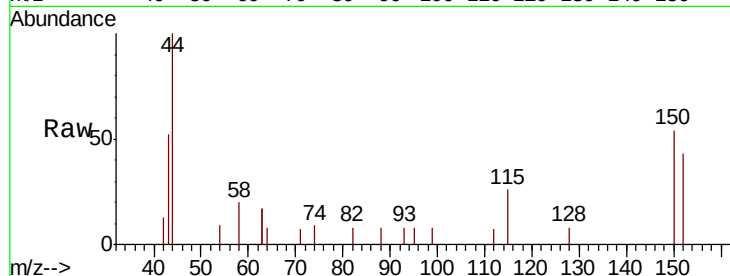
Tot Ion:152 Resp: 615

Ion Ratio Lower Upper

152 100

150 127.0 111.0 166.6

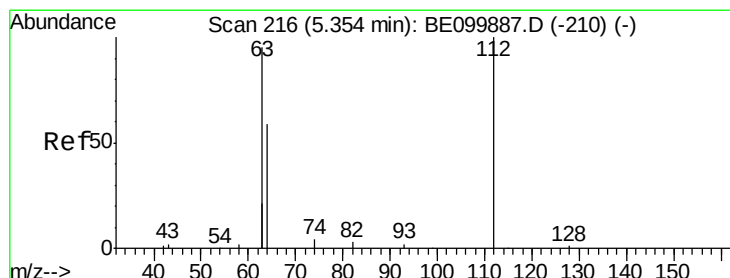
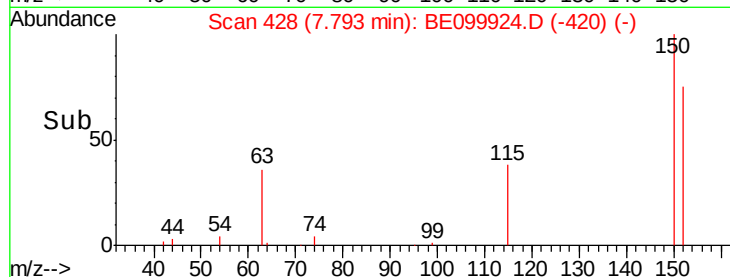
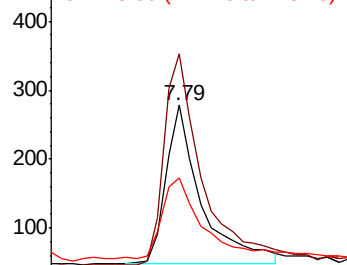
115 62.2 50.7 76.1



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: 0.304 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE099924.D

Acq: 11 Jun 2019 15:08

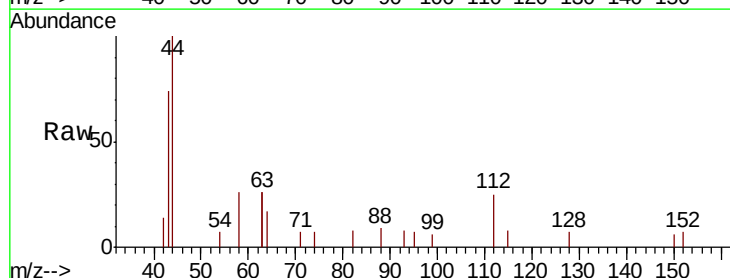
Tgt Ion:112 Resp: 505

Ion Ratio Lower Upper

112 100

64 53.3 44.1 66.1

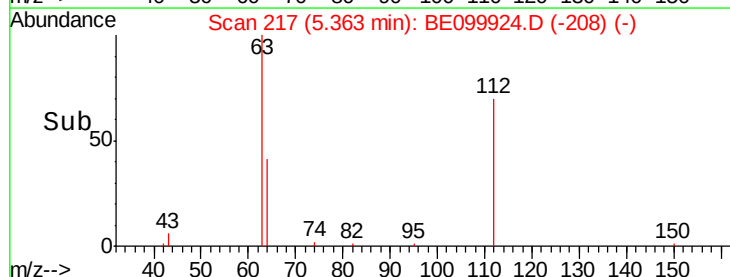
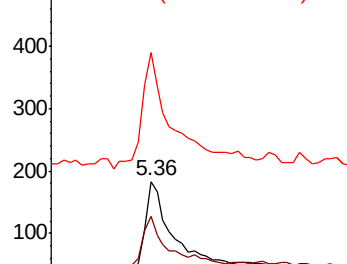
63 156.2 87.8 131.6#

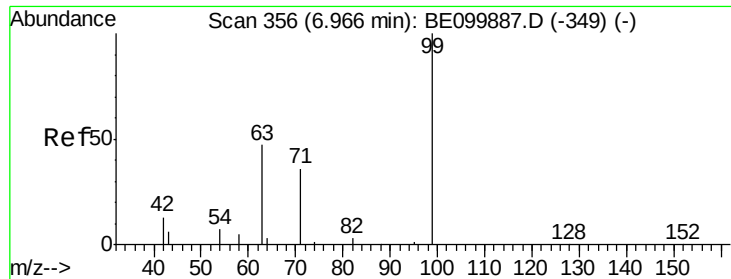


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.288 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.03 min

Lab File: BE099924.D

Acq: 11 Jun 2019 15:08

Instrument :

BNA_E

ClientSampleId :

PB120465BL

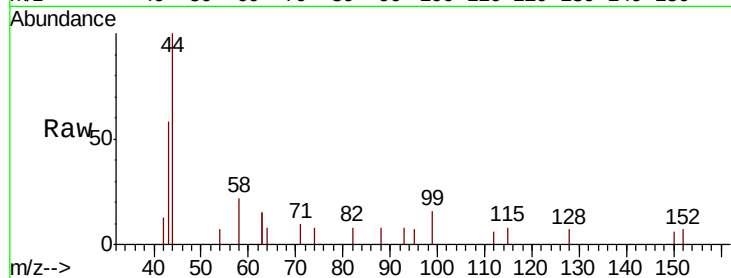
Tot Ion: 99 Resp: 616

Ion Ratio Lower Upper

99 100

42 9.9 15.9 23.9#

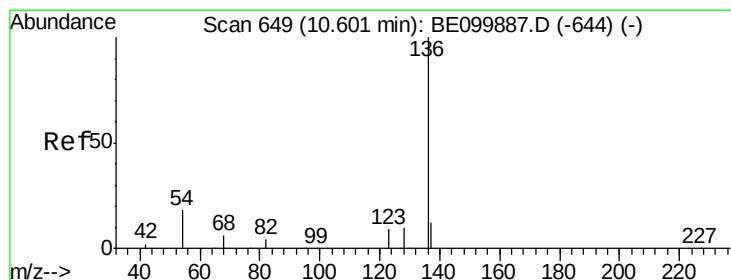
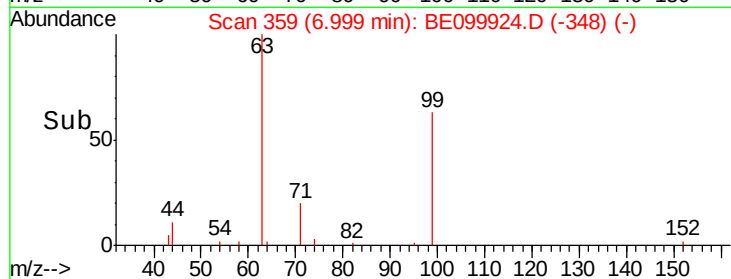
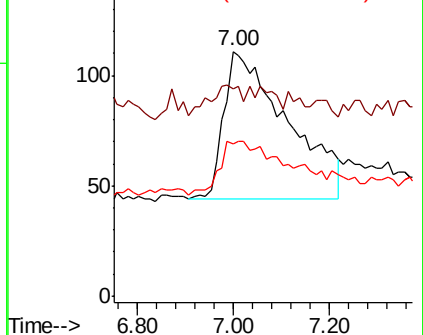
71 31.3 34.6 52.0#



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: 10.61 min Scan# 650

Delta R.T. 0.01 min

Lab File: BE099924.D

Acq: 11 Jun 2019 15:08

Tgt Ion: 136 Resp: 2045

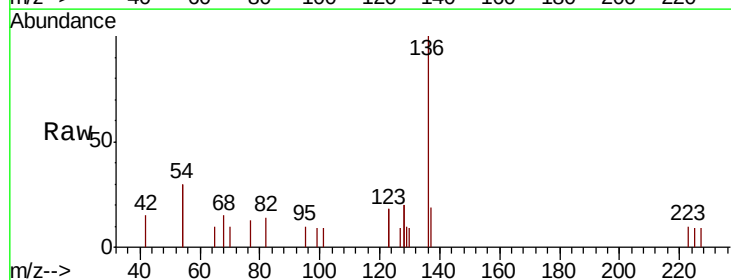
Ion Ratio Lower Upper

136 100

137 18.7 12.3 18.5#

54 59.2 28.2 42.4#

68 14.7 7.8 11.8#

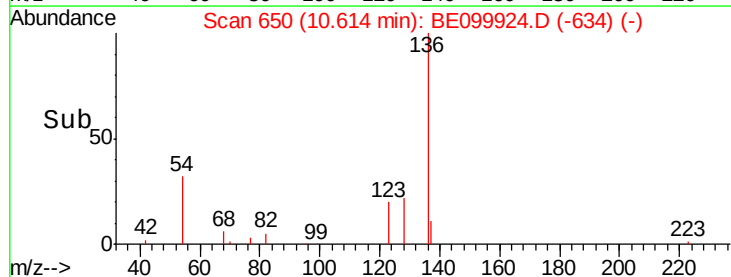
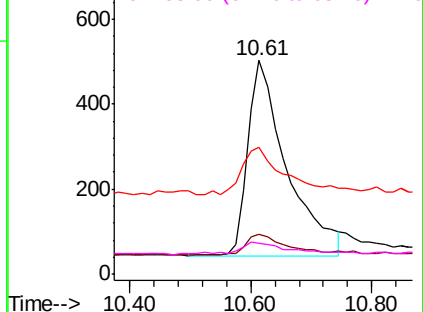


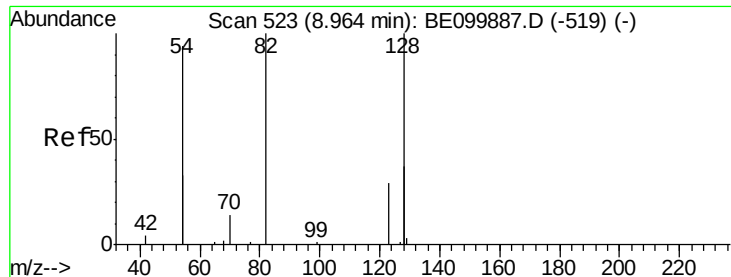
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.249 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.05 min

Lab File: BE099924.D

Acq: 11 Jun 2019 15:08

Instrument :

BNA_E

ClientSampleId :

PB120465BL

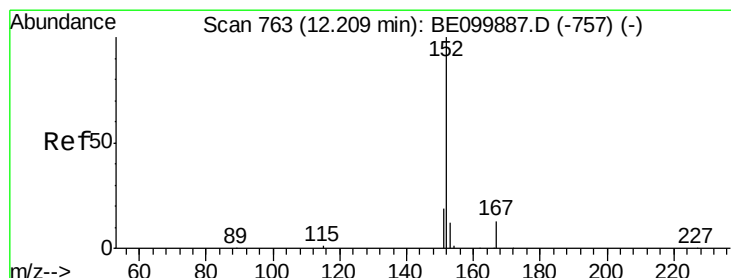
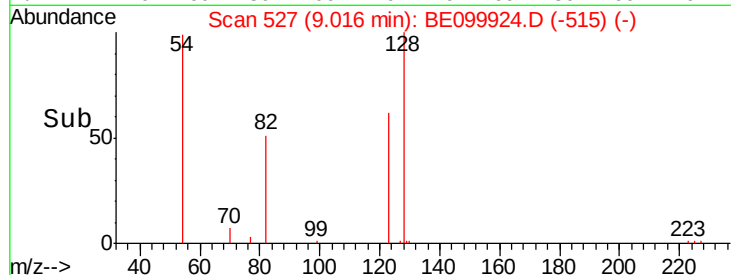
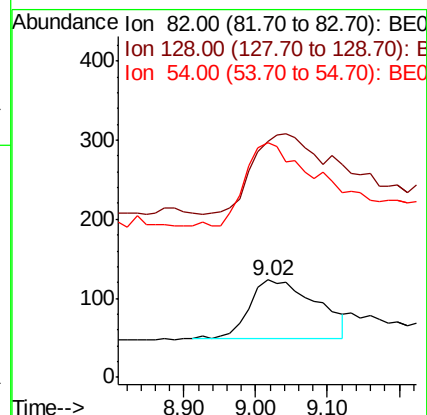
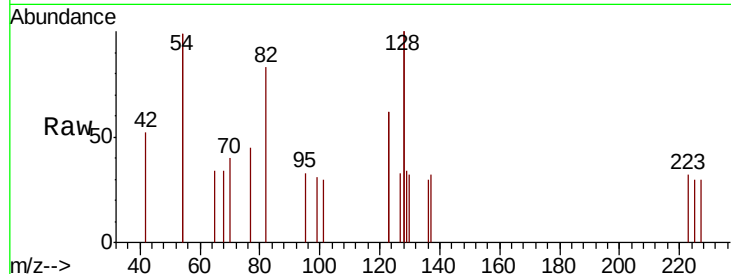
Tot Ion: 82 Resp: 483

Ion Ratio Lower Upper

82 100

128 242.3 137.3 205.9#

54 240.7 129.7 194.5#



#11

2-Methylnaphthalene-d10

Concen: 0.298 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.01 min

Lab File: BE099924.D

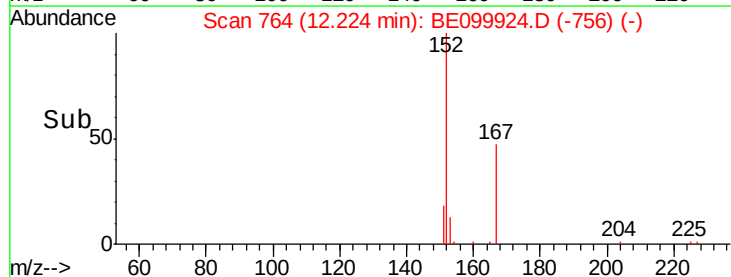
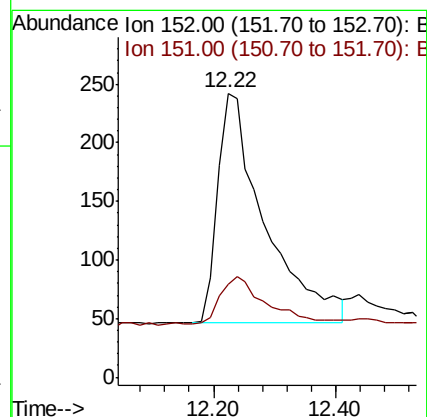
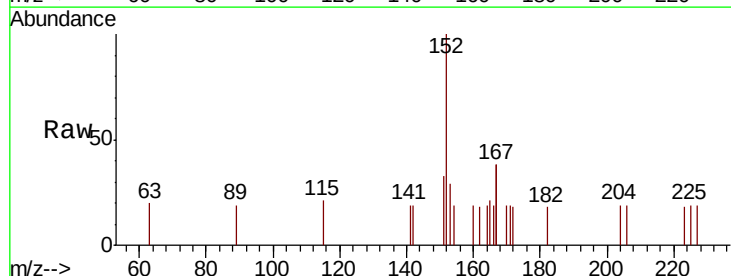
Acq: 11 Jun 2019 15:08

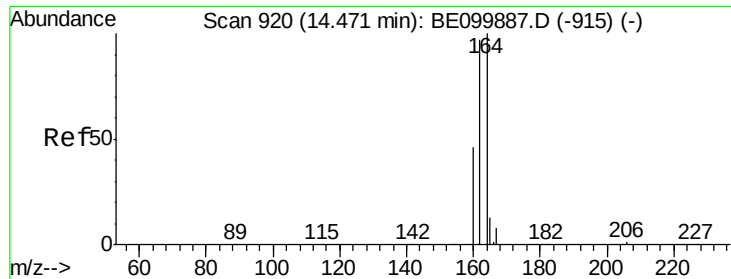
Tgt Ion: 152 Resp: 1061

Ion Ratio Lower Upper

152 100

151 20.5 15.2 22.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.01 min

Lab File: BE099924.D

Acq: 11 Jun 2019 15:08

Instrument :

BNA_E

ClientSampleId :

PB120465BL

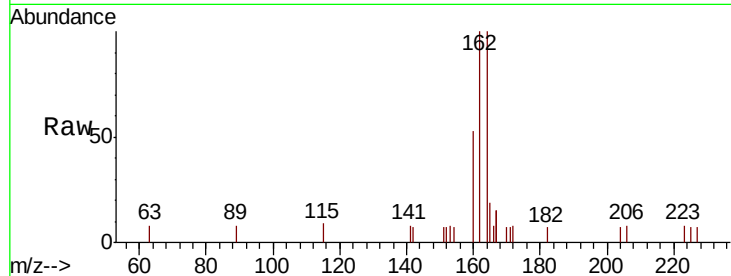
Tot Ion:164 Resp: 1700

Ion Ratio Lower Upper

164 100

162 100.5 77.8 116.8

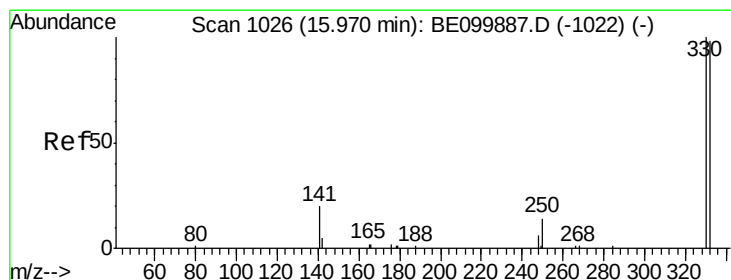
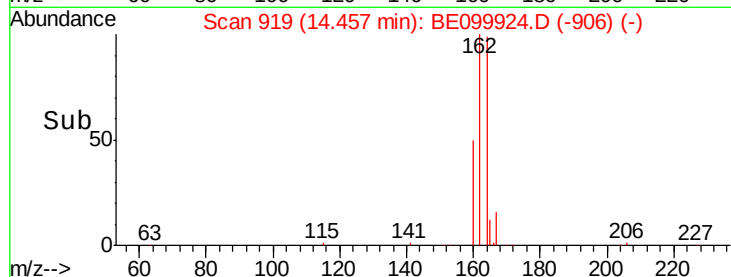
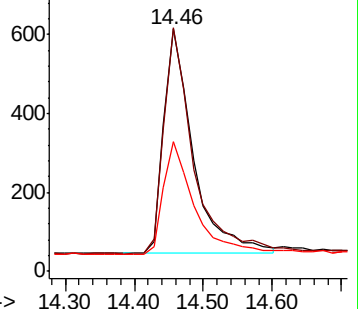
160 53.6 38.2 57.4



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: 0.305 ng

RT: 15.97 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BE099924.D

Acq: 11 Jun 2019 15:08

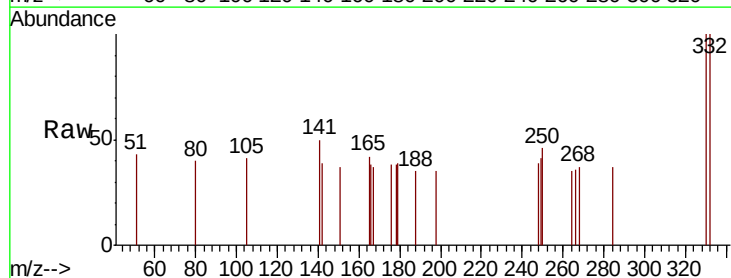
Tgt Ion:330 Resp: 383

Ion Ratio Lower Upper

330 100

332 108.4 76.7 115.1

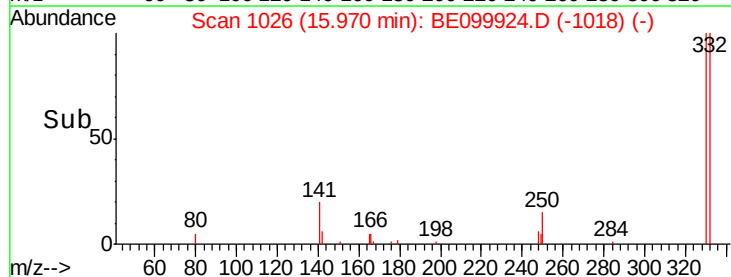
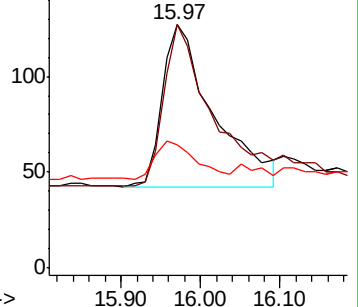
141 18.8 21.0 31.6#

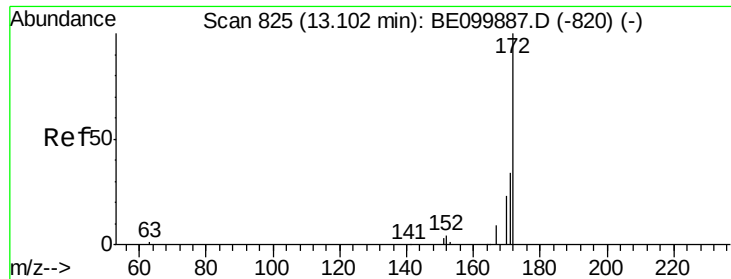


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

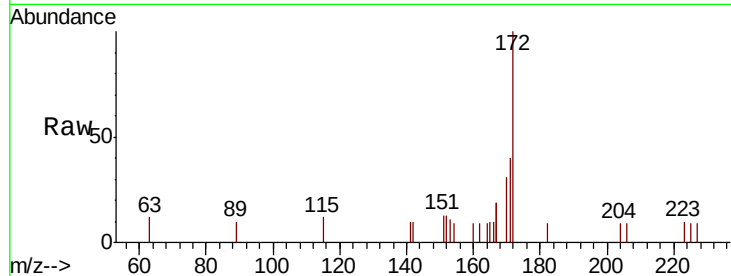




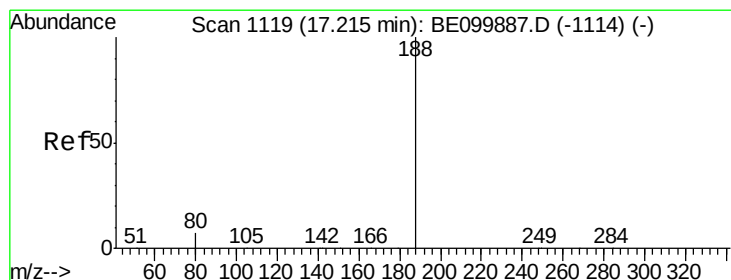
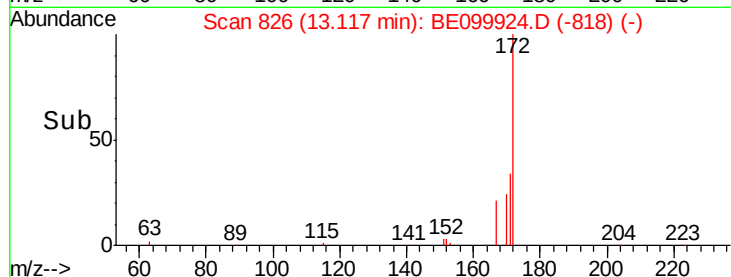
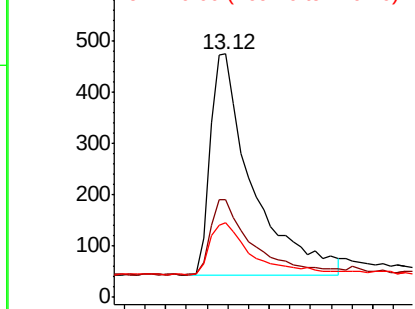
#15
2-Fluorobiphenyl
Concen: 0.378 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.01 min
Lab File: BE099924.D
Acq: 11 Jun 2019 15:08

Instrument :
BNA_E
ClientSampleId :
PB120465BL

Tot Ion:172 Resp: 2439
Ion Ratio Lower Upper
172 100
171 40.4 29.2 43.8
170 30.7 21.2 31.8

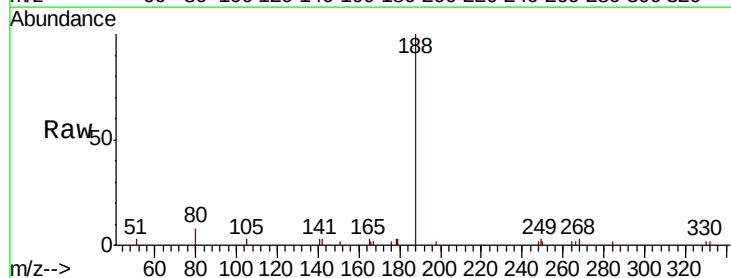


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

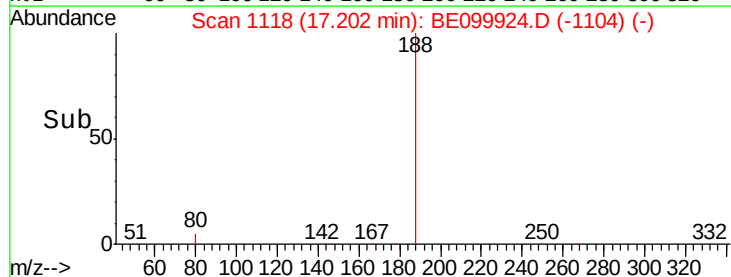
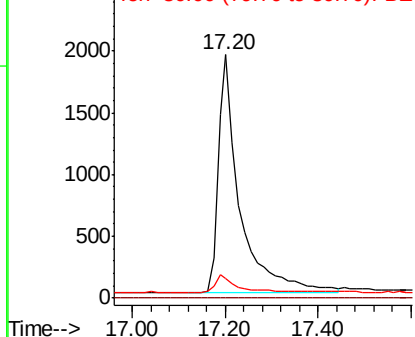


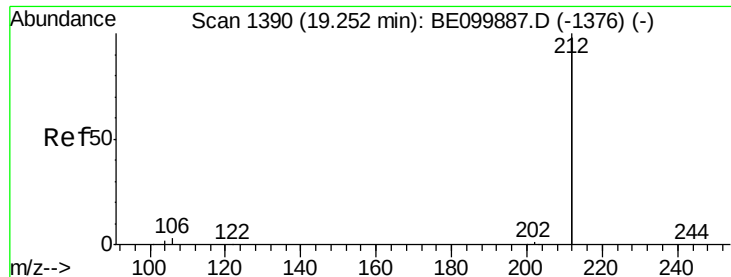
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BE099924.D
Acq: 11 Jun 2019 15:08

Tgt Ion:188 Resp: 6281
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.8 6.4 9.6



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: 0.315 ng

RT: 19.22 min Scan# 1385

Delta R.T. -0.03 min

Lab File: BE099924.D

Acq: 11 Jun 2019 15:08

Instrument :

BNA_E

ClientSampleId :

PB120465BL

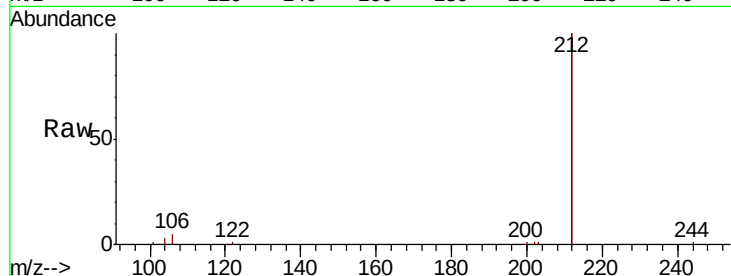
Tot Ion:212 Resp: 28783

Ion Ratio Lower Upper

212 100

106 1.9 1.4 2.2

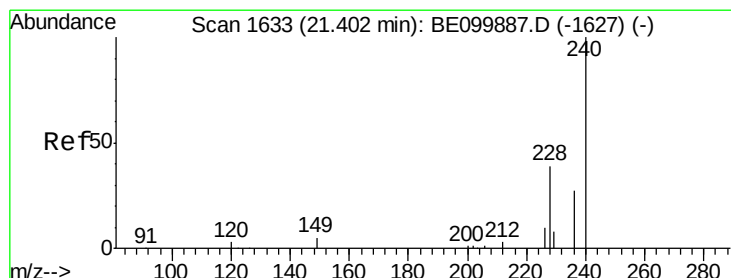
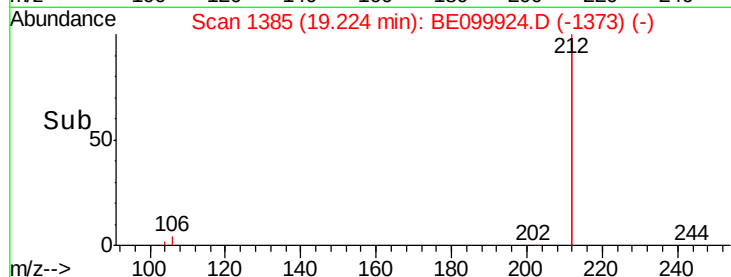
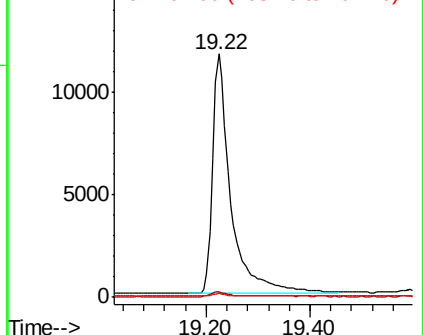
104 1.0 0.9 1.3



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: 21.37 min Scan# 1630

Delta R.T. -0.04 min

Lab File: BE099924.D

Acq: 11 Jun 2019 15:08

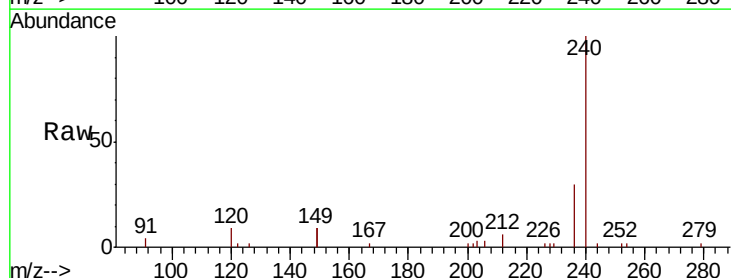
Tgt Ion:240 Resp: 8565

Ion Ratio Lower Upper

240 100

120 8.8 3.8 5.6#

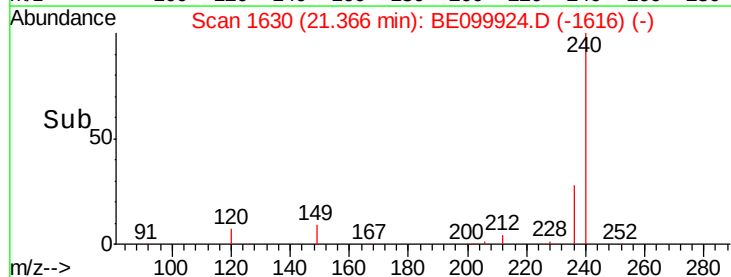
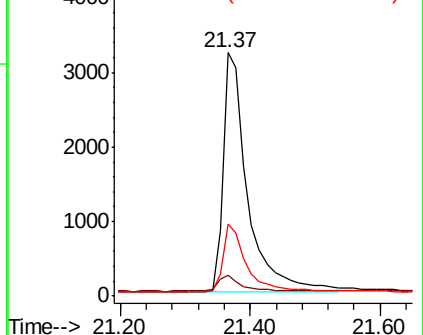
236 29.6 22.0 33.0

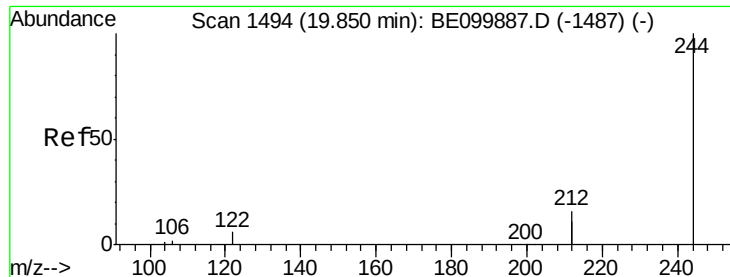


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.557 ng

RT: 19.82 min Scan# 1488

Delta R.T. -0.03 min

Lab File: BE099924.D

Acq: 11 Jun 2019 15:08

Instrument :

BNA_E

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PB120465BL

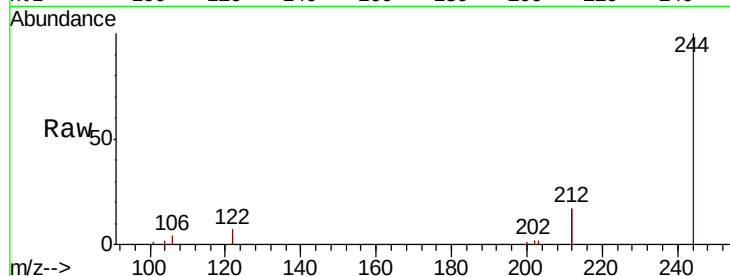
Tot Ion:244 Resp: 8586

Ion Ratio Lower Upper

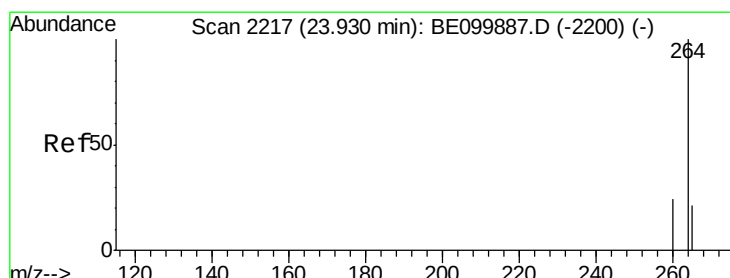
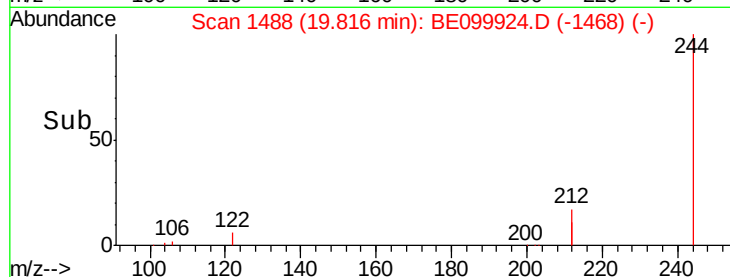
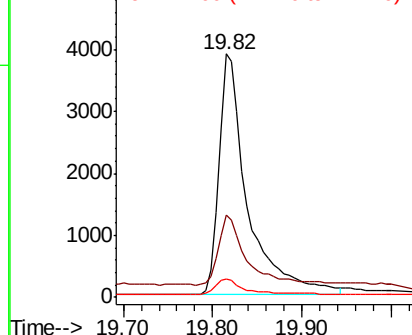
244 100

212 33.6 25.7 38.5

122 7.4 5.5 8.3



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: 23.87 min Scan# 2199

Delta R.T. -0.06 min

Lab File: BE099924.D

Acq: 11 Jun 2019 15:08

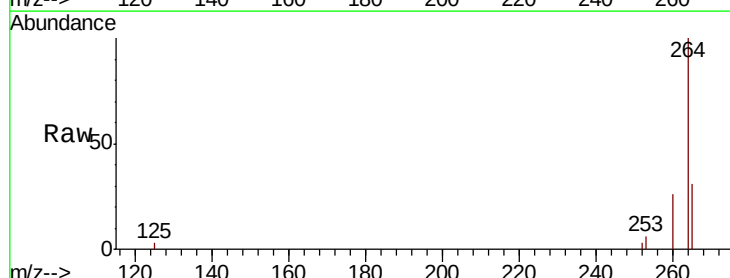
Tgt Ion:264 Resp: 10177

Ion Ratio Lower Upper

264 100

260 25.8 20.2 30.2

265 31.4 22.0 33.0



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

