

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE060619\
 Data File : BE099816.D
 Acq On : 6 Jun 2019 9:40
 Operator : JU/SJ
 Sample : PB120314BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB120314BL

Quant Time: Jun 07 02:04:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE060519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 05 14:35:58 2019
 Response via : Initial Calibration

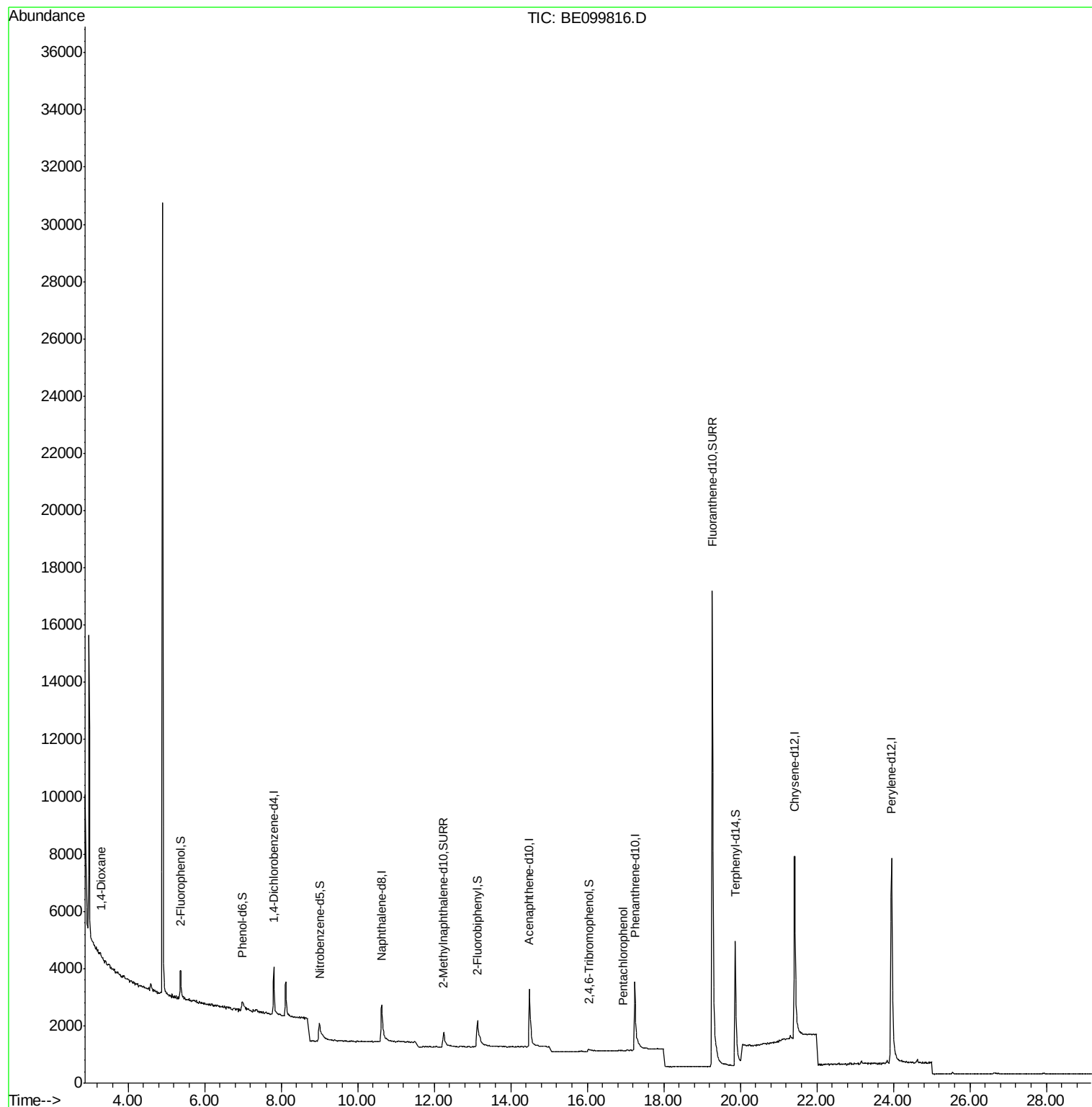
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1034	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	3309	0.40	ng	0.01
13) Acenaphthene-d10	14.49	164	2206	0.40	ng	0.01
19) Phenanthrene-d10	17.24	188	7394	0.40	ng	0.01
27) Chrysene-d12	21.43	240	13167	0.40	ng	0.01
34) Perylene-d12	23.95	264	15635	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	835	0.33	ng	0.01
5) Phenol-d6	6.99	99	1010	0.31	ng	0.02
8) Nitrobenzene-d5	9.00	82	780	0.27	ng	0.04
11) 2-Methylnaphthalene-d10	12.24	152	1850	0.33	ng	0.03
14) 2,4,6-Tribromophenol	16.04	330	235	0.28	ng	0.06
15) 2-Fluorobiphenyl	13.13	172	2650	0.32	ng	0.03
25) Fluoranthene-d10	19.27	212	40390	0.37	ng	0.01
29) Terphenyl-d14	19.87	244	8032	0.37	ng	0.01
Target Compounds						
2) 1,4-Dioxane	3.29	88	60	0.040	ng	Qvalue # 30
22) Pentachlorophenol	16.95	266	6	0.284	ng	86

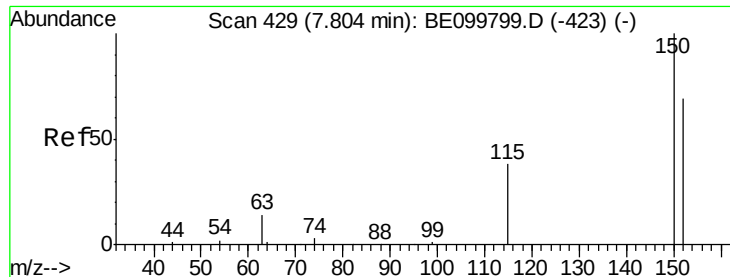
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.80 min Scan# 429

Delta R.T. 0.00 min

Lab File: BE099816.D

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Instrument :

BNA_E

ClientSampleId :

PB120314BL

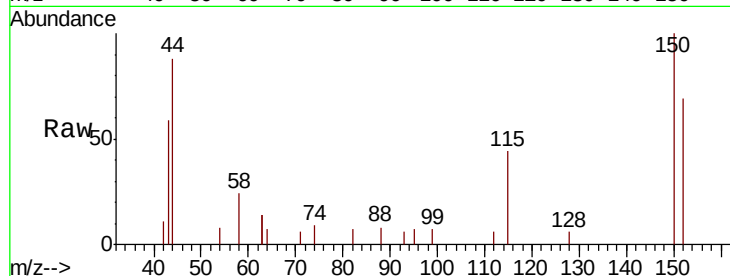
Tgt Ion: 152 Resp: 1034

Ion Ratio Lower Upper

152 100

150 145.9 112.8 169.2

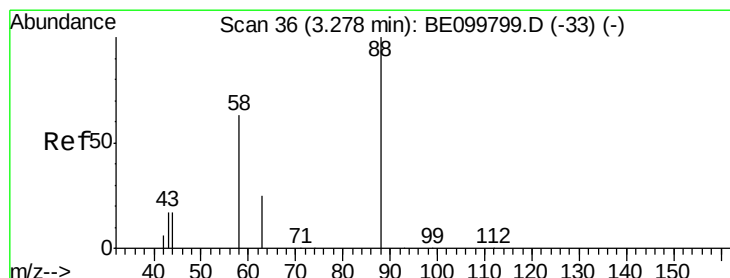
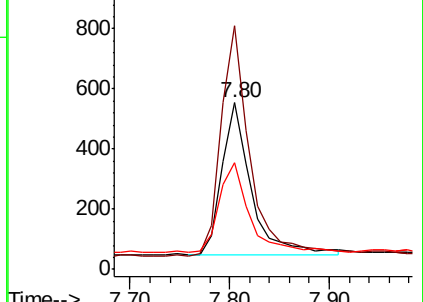
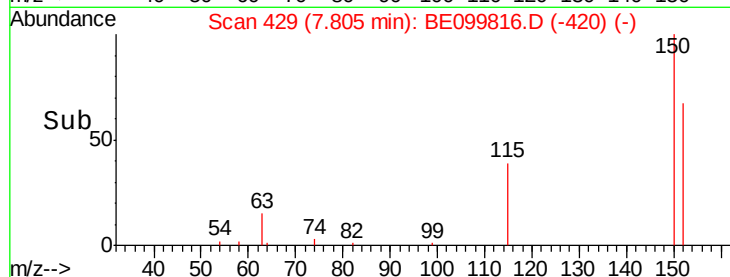
115 63.8 47.6 71.4



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



#2

1,4-Dioxane

Concen: 0.040 ng

RT: 3.29 min Scan# 37

Delta R.T. 0.01 min

Lab File: BE099816.D

Acq: 6 Jun 2019 9:40

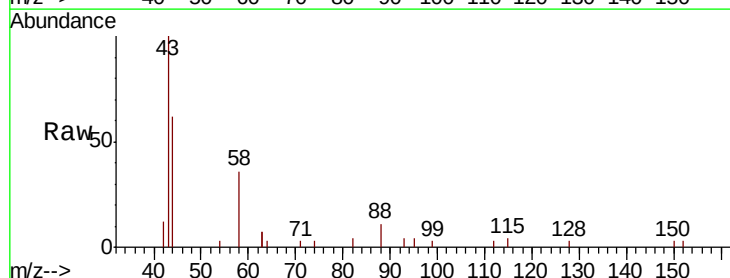
Tgt Ion: 88 Resp: 60

Ion Ratio Lower Upper

88 100

58 0.0 47.3 70.9#

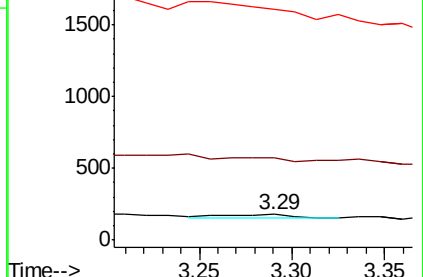
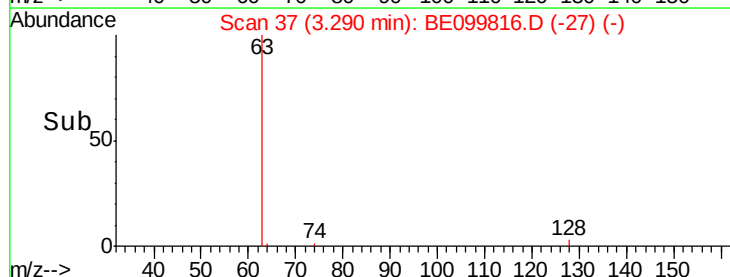
43 0.0 18.2 27.4#

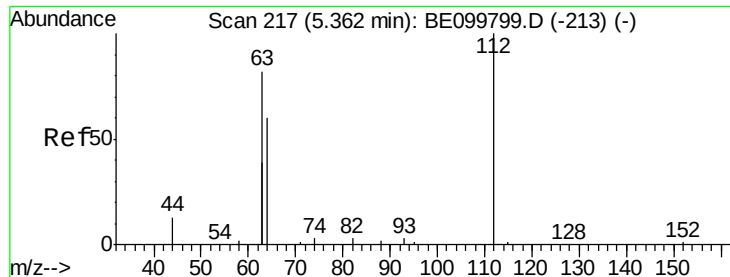


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.332 ng

RT: 5.37 min Scan# 218

Delta R.T. 0.01 min

Lab File: BE099816.D

Acq: 6 Jun 2019 9:40

Instrument :

BNA_E

ClientSampleId :

PB120314BL

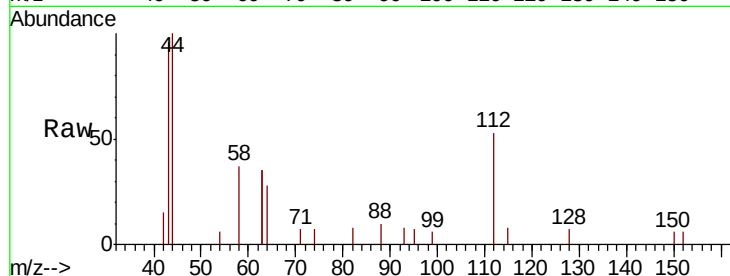
Tgt Ion: 112 Resp: 835

Ion Ratio Lower Upper

112 100

64 57.7 47.2 70.8

63 119.0 90.7 136.1



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

800

600

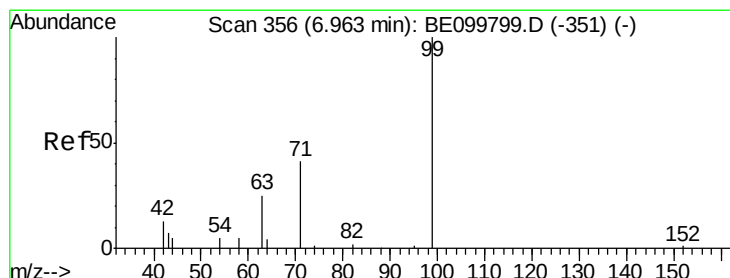
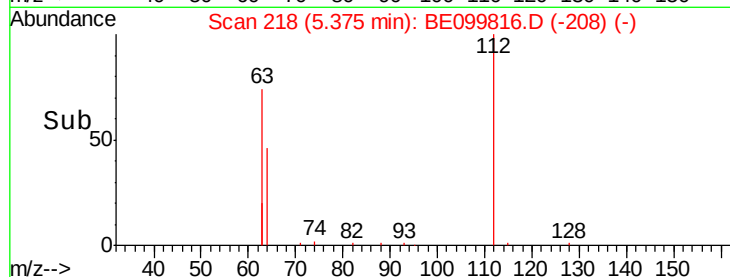
400

200

0

5.30 5.40 5.50

Time-->



#5

Phenol-d6

Concen: 0.312 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.02 min

Lab File: BE099816.D

Acq: 6 Jun 2019 9:40

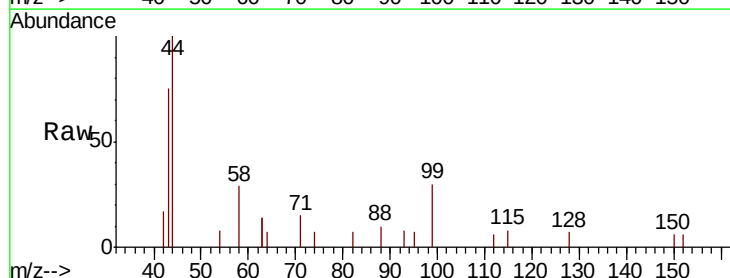
Tgt Ion: 99 Resp: 1010

Ion Ratio Lower Upper

99 100

42 0.0 11.0 16.4#

71 36.0 26.1 39.1



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

300

250

200

150

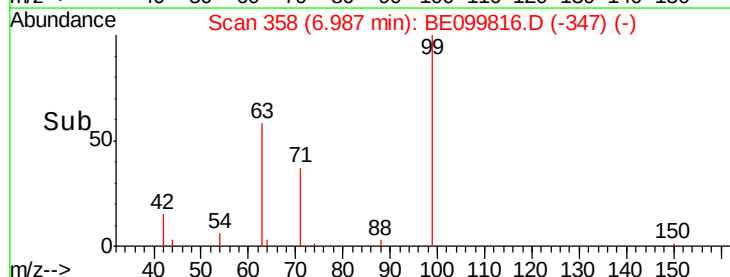
100

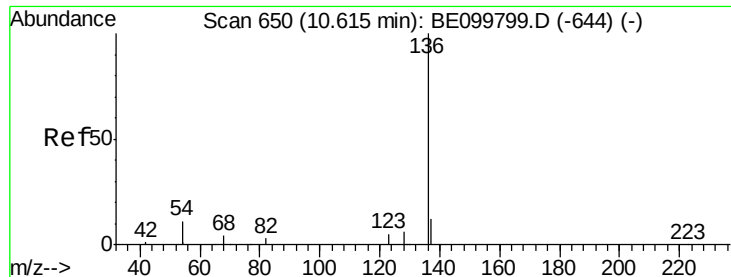
50

0

6.80 7.00 7.20

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. 0.01 min

Lab File: BE099816.D

Acq: 6 Jun 2019 9:40

Instrument :

BNA_E

ClientSampleId :

PB120314BL

Tgt Ion: 136 Resp: 3309

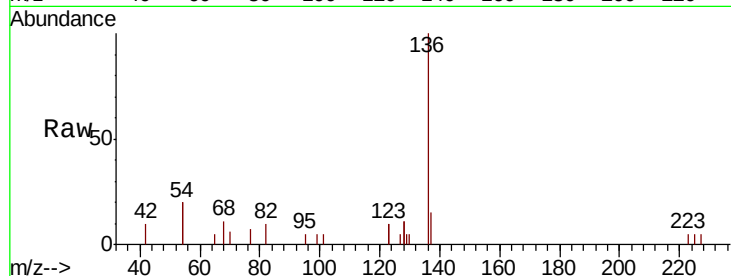
Ion Ratio Lower Upper

136 100

137 15.1 11.1 16.7

54 39.1 17.9 26.9#

68 10.5 5.4 8.0#

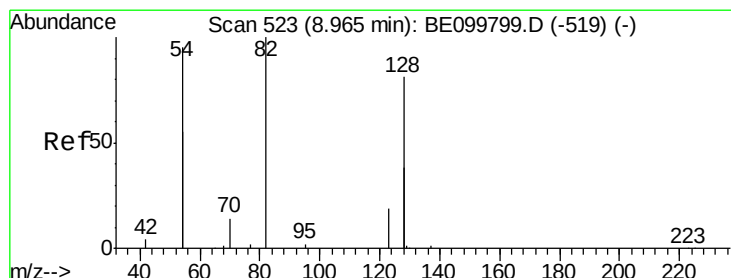
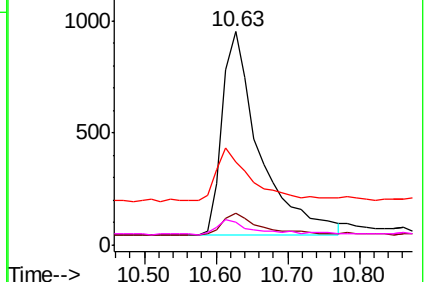
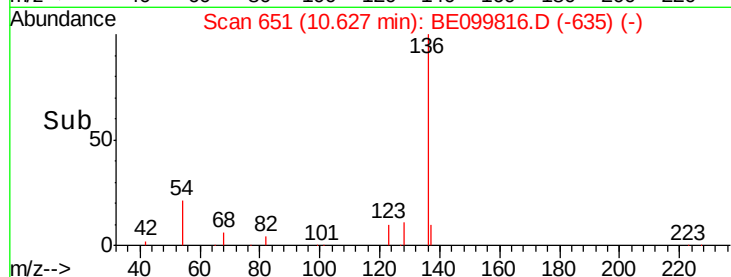


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.268 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.04 min

Lab File: BE099816.D

Acq: 6 Jun 2019 9:40

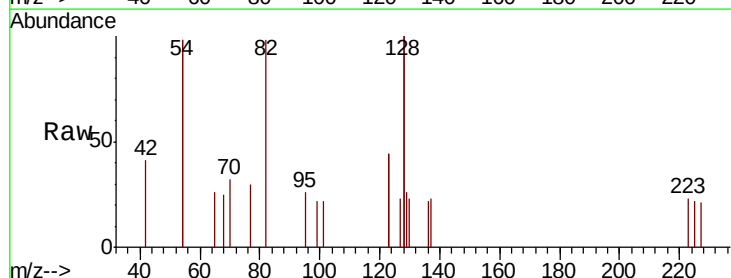
Tgt Ion: 82 Resp: 780

Ion Ratio Lower Upper

82 100

128 203.9 116.6 175.0#

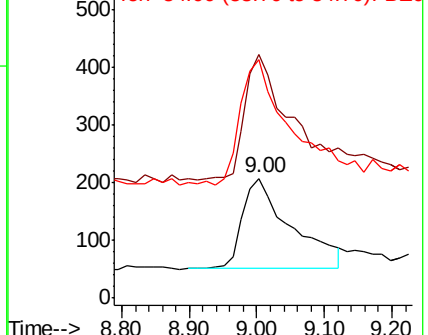
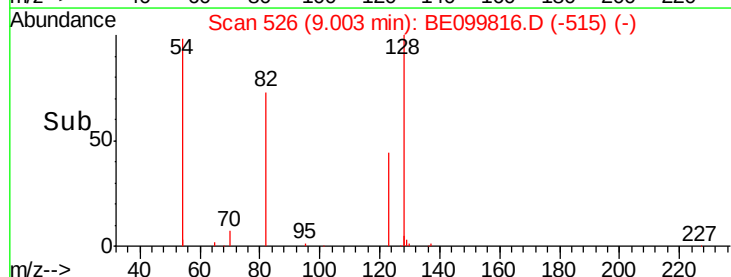
54 200.0 136.2 204.4

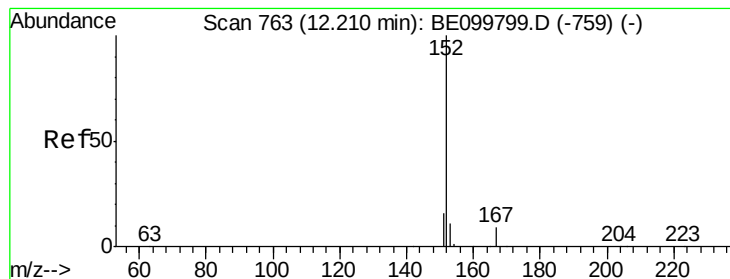


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.326 ng

RT: 12.24 min Scan# 765

Delta R.T. 0.03 min

Lab File: BE099816.D

Acq: 6 Jun 2019 9:40

Instrument :

BNA_E

ClientSampleId :

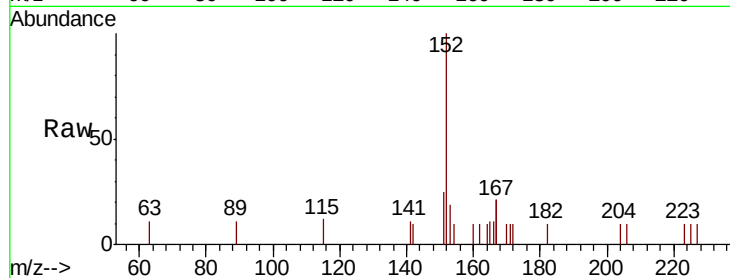
PB120314BL

Tgt Ion:152 Resp: 1850

Ion Ratio Lower Upper

152 100

151 17.1 15.8 23.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.24

400

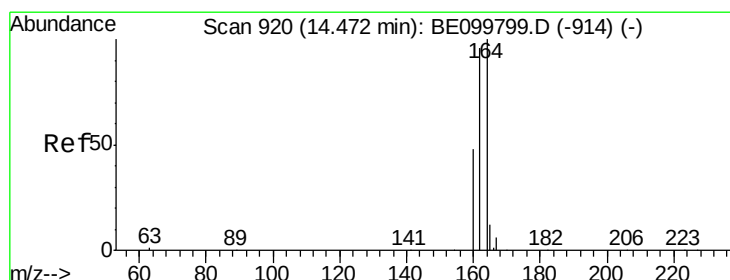
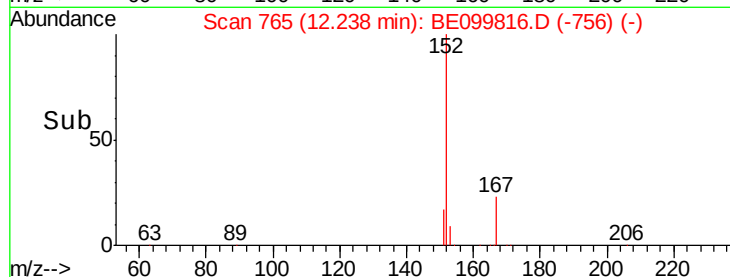
300

200

100

0

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.49 min Scan# 921

Delta R.T. 0.01 min

Lab File: BE099816.D

Acq: 6 Jun 2019 9:40

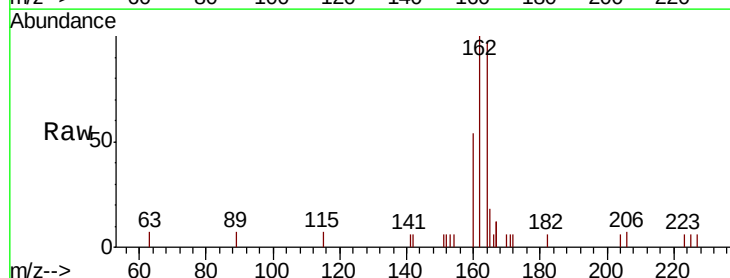
Tgt Ion:164 Resp: 2206

Ion Ratio Lower Upper

164 100

162 102.7 77.2 115.8

160 55.9 39.4 59.2



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

14.49

800

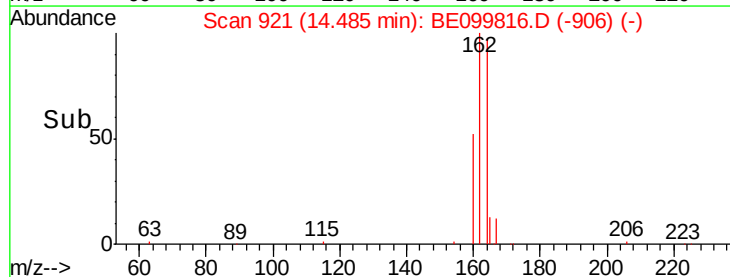
600

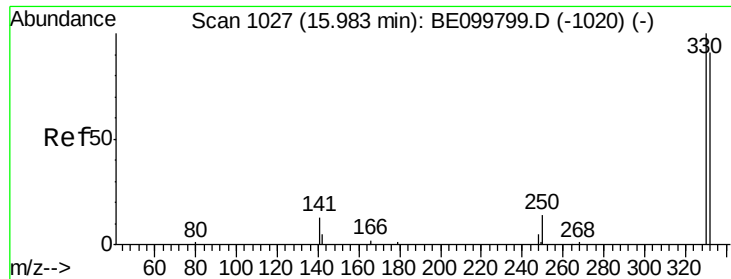
400

200

0

Time-->

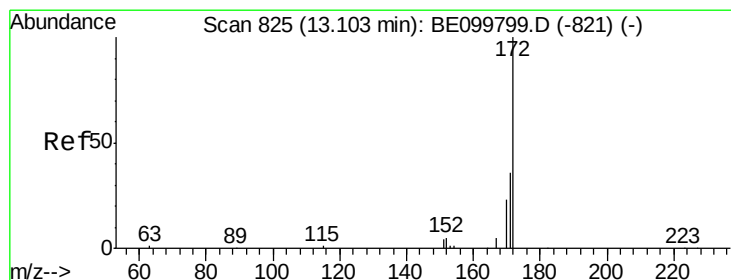
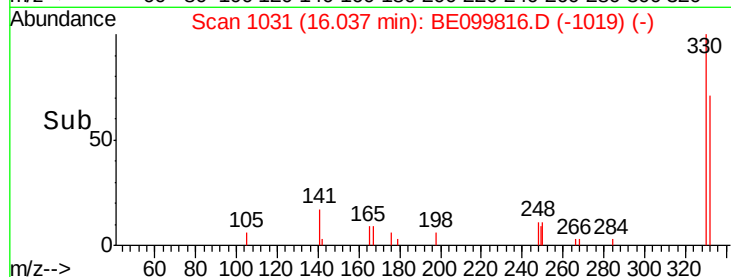
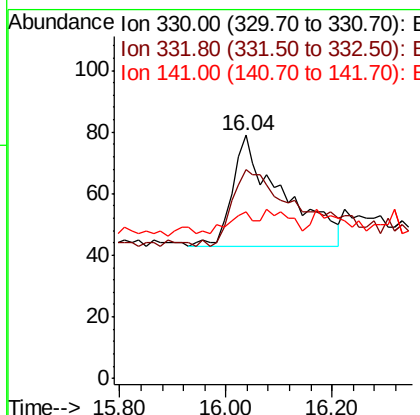
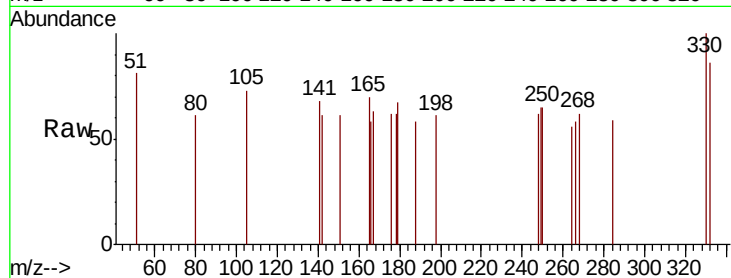




#14
 2,4,6-Tribromophenol
 Concen: 0.278 ng
 RT: 16.04 min Scan# 1031
 Delta R.T. 0.06 min
 Lab File: BE099816.D
 Acq: 6 Jun 2019 9:40

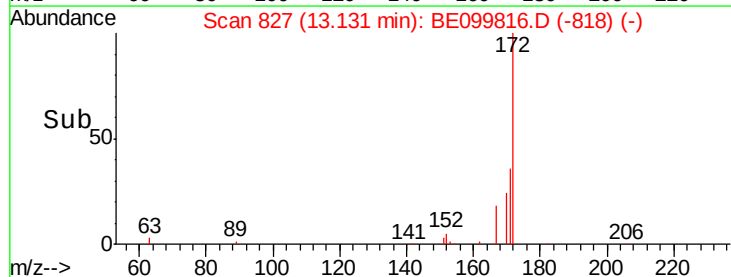
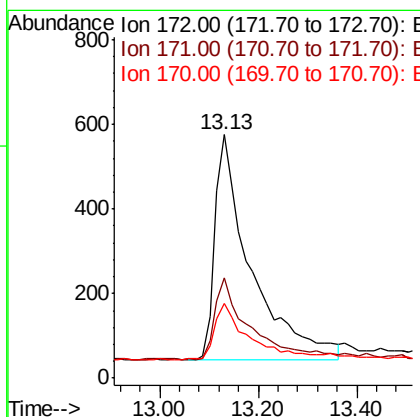
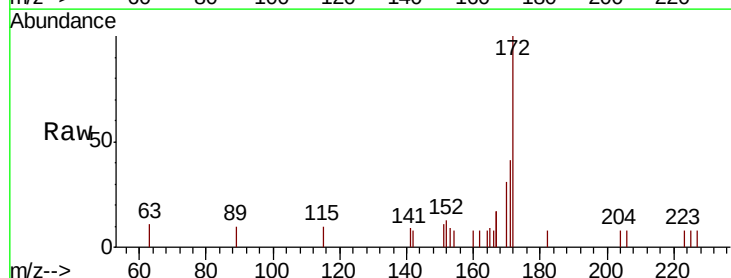
Instrument :
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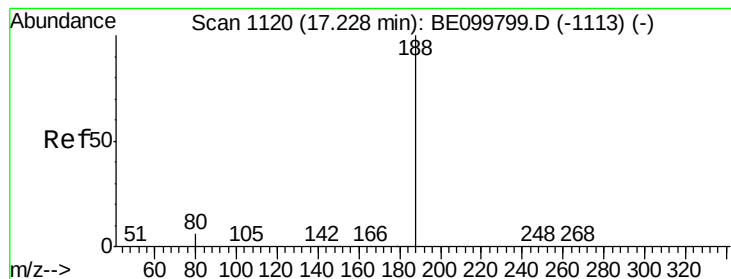
Tgt Ion: 330 Resp: 235
 Ion Ratio Lower Upper
 330 100
 332 91.5 74.9 112.3
 141 0.0 16.0 24.0#



#15
 2-Fluorobiphenyl
 Concen: 0.323 ng
 RT: 13.13 min Scan# 827
 Delta R.T. 0.03 min
 Lab File: BE099816.D
 Acq: 6 Jun 2019 9:40

Tgt Ion: 172 Resp: 2650
 Ion Ratio Lower Upper
 172 100
 171 41.0 30.2 45.4
 170 30.7 20.1 30.1#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1121

Delta R.T. 0.01 min

Lab File: BE099816.D

Acq: 6 Jun 2019 9:40

Instrument :

BNA_E

ClientSampleId :

PB120314BL

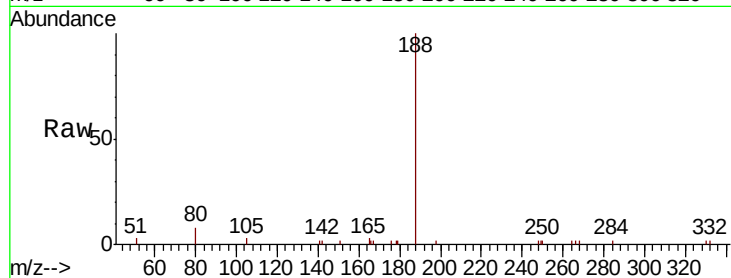
Tgt Ion:188 Resp: 7394

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

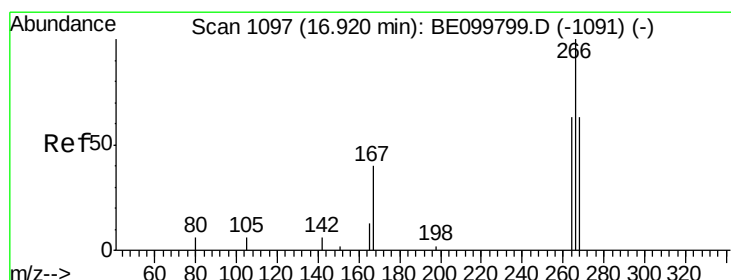
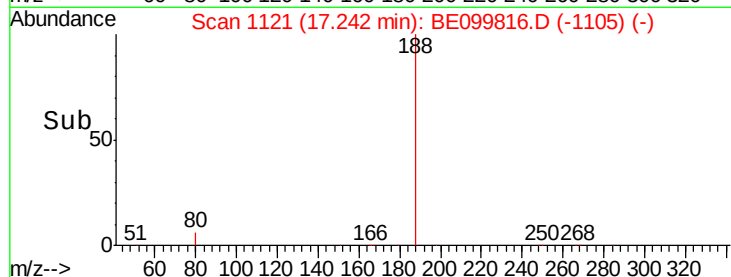
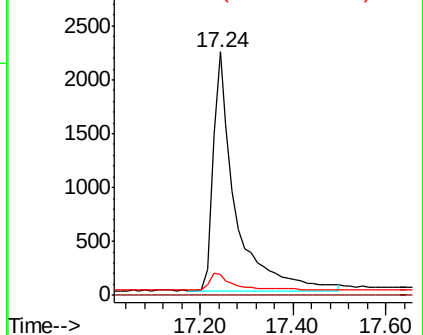
80 8.4 5.2 7.8#



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



#22

Pentachlorophenol

Concen: 0.284 ng

RT: 16.95 min Scan# 1099

Delta R.T. 0.03 min

Lab File: BE099816.D

Acq: 6 Jun 2019 9:40

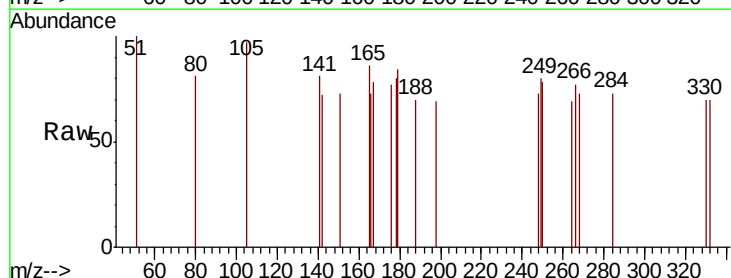
Tgt Ion:266 Resp: 6

Ion Ratio Lower Upper

266 100

264 89.8 64.9 97.3

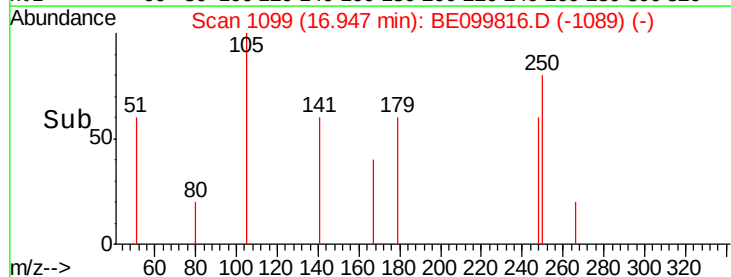
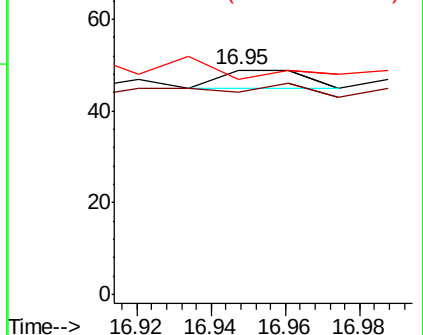
268 95.9 64.0 96.0

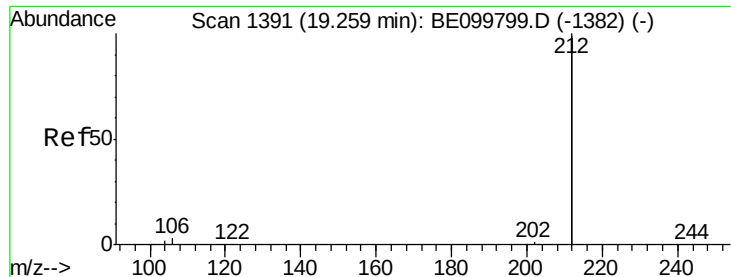


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.368 ng

RT: 19.27 min Scan# 1393

Delta R.T. 0.01 min

Lab File: BE099816.D

Acq: 6 Jun 2019 9:40

Instrument :

BNA_E

ClientSampleId :

PB120314BL

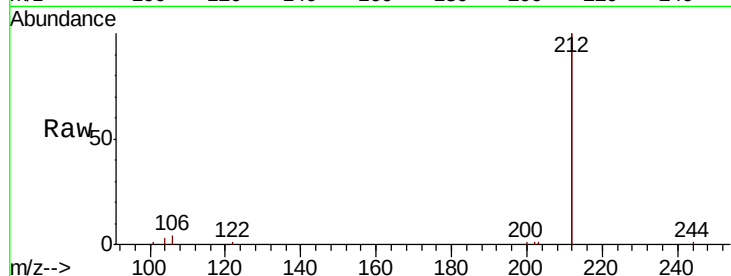
Tgt Ion:212 Resp: 40390

Ion Ratio Lower Upper

212 100

106 1.7 1.4 2.0

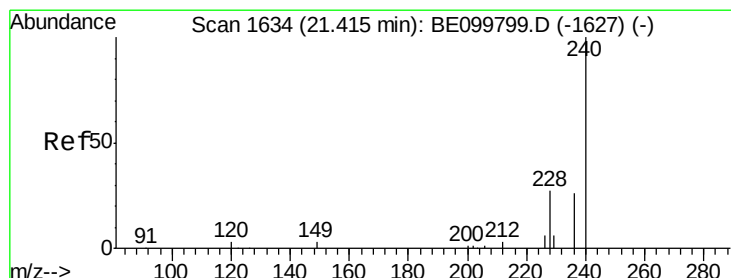
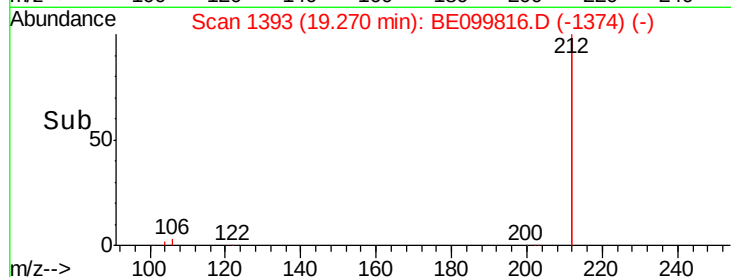
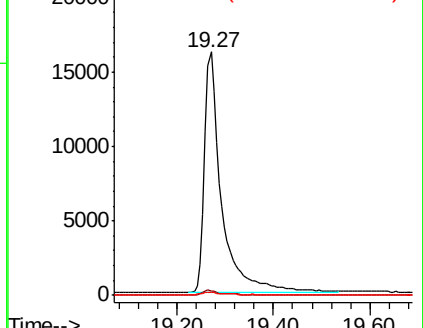
104 1.0 0.8 1.2



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. 0.01 min

Lab File: BE099816.D

Acq: 6 Jun 2019 9:40

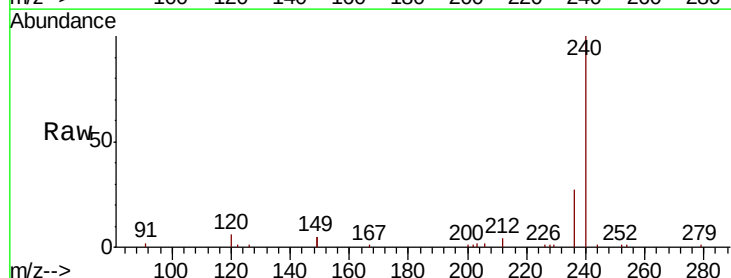
Tgt Ion:240 Resp: 13167

Ion Ratio Lower Upper

240 100

120 5.8 2.8 4.2#

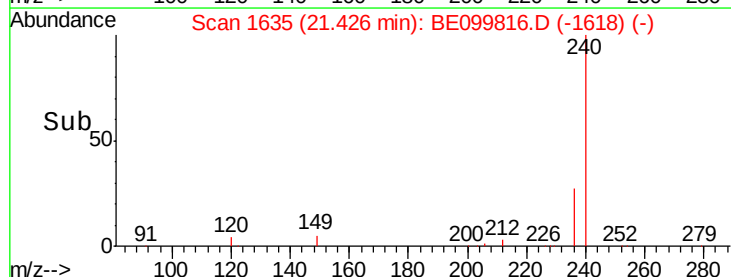
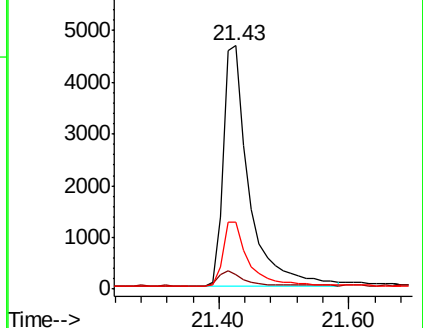
236 27.5 20.9 31.3

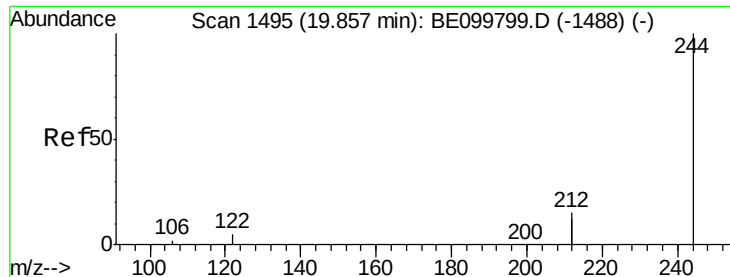


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.372 ng

RT: 19.87 min Scan# 1497

Delta R.T. 0.01 min

Lab File: BE099816.D

Acq: 6 Jun 2019 9:40

Instrument :

BNA_E

ClientSampleId :

PB120314BL

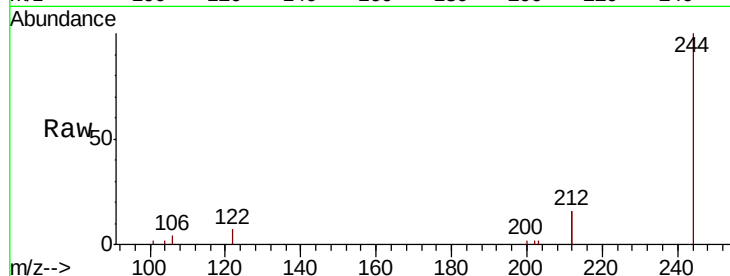
Tgt Ion:244 Resp: 8032

Ion Ratio Lower Upper

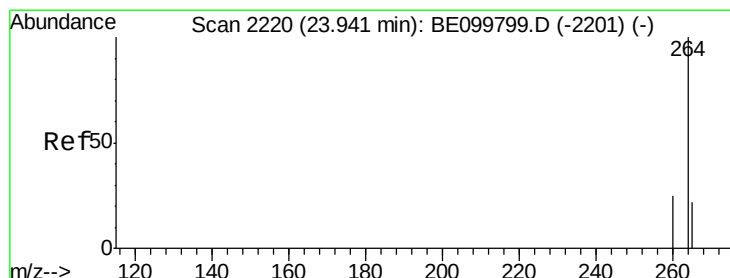
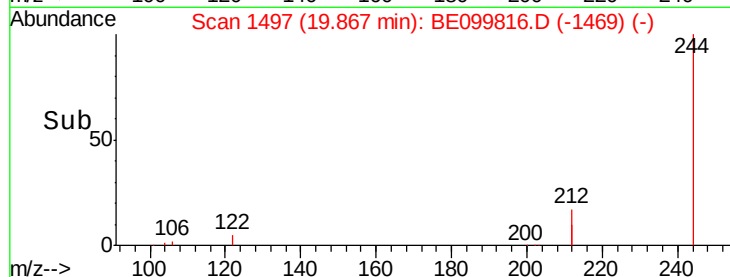
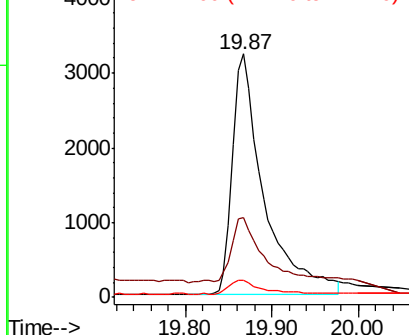
244 100

212 32.7 23.7 35.5

122 6.8 4.8 7.2



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: 23.95 min Scan# 2223

Delta R.T. 0.01 min

Lab File: BE099816.D

Acq: 6 Jun 2019 9:40

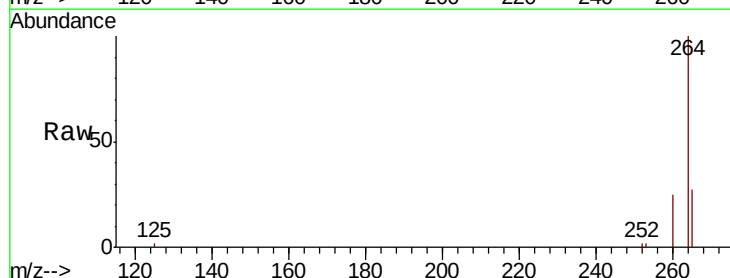
Tgt Ion:264 Resp: 15635

Ion Ratio Lower Upper

264 100

260 25.4 20.0 30.0

265 27.0 20.7 31.1



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

