

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040419\
 Data File : BE099299.D
 Acq On : 4 Apr 2019 20:43
 Operator : JU/SJ
 Sample : K2210-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 WE-5

Quant Time: Apr 13 00:57:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE040219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 02 17:16:42 2019
 Response via : Initial Calibration

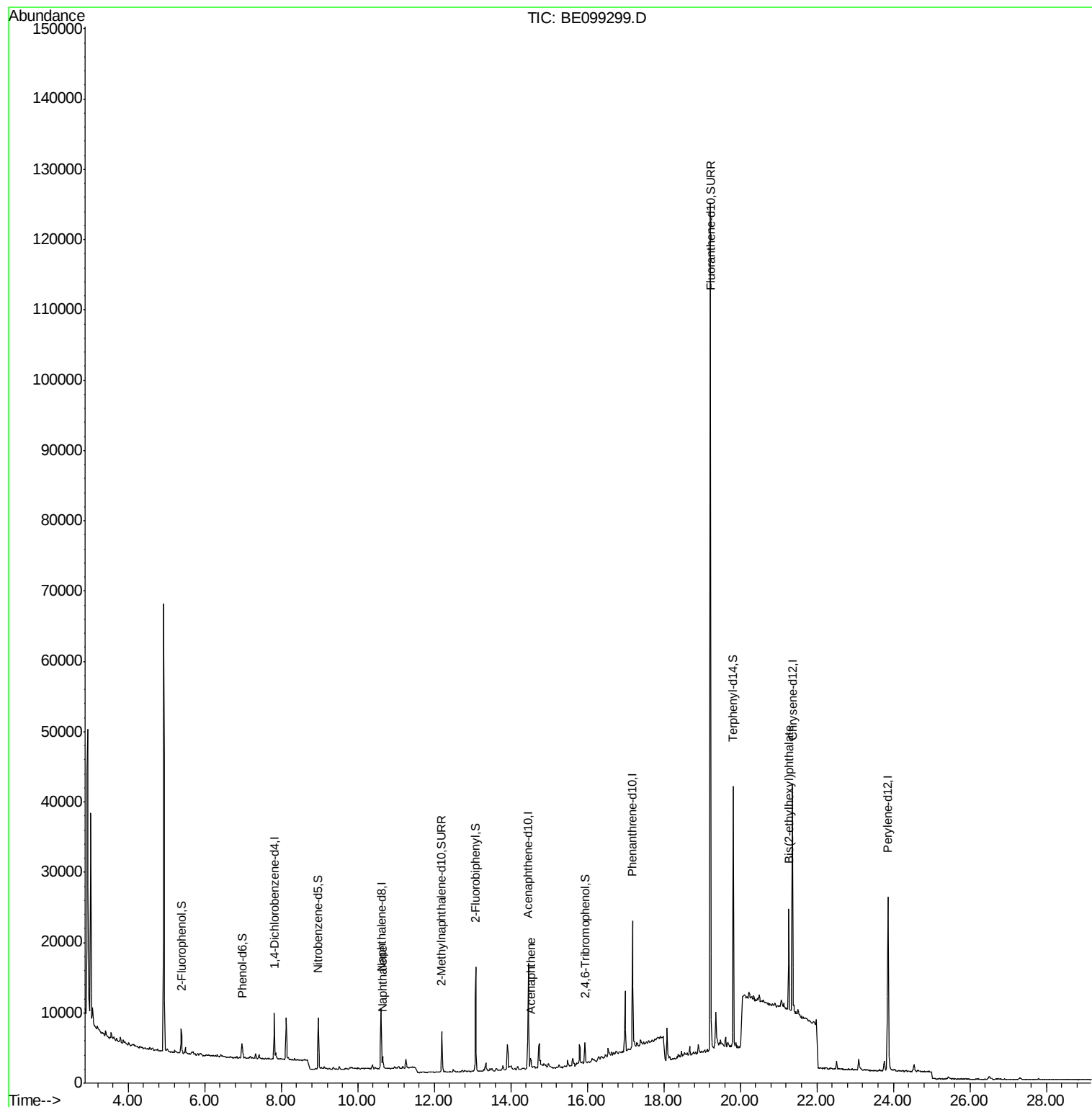
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	3141	0.40	ng	-0.03
7) Naphthalene-d8	10.61	136	11085	0.40	ng	-0.01
13) Acenaphthene-d10	14.46	164	7703	0.40	ng	-0.03
19) Phenanthrene-d10	17.19	188	23919	0.40	ng	-0.03
27) Chrysene-d12	21.37	240	36051	0.40	ng	-0.02
34) Perylene-d12	23.86	264	35762	0.40	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	2075	0.25	ng	-0.01
5) Phenol-d6	6.97	99	2333	0.20	ng	-0.01
8) Nitrobenzene-d5	8.97	82	3506	0.46	ng	-0.03
11) 2-Methylnaphthalene-d10	12.20	152	8191	0.42	ng	-0.03
14) 2,4,6-Tribromophenol	15.94	330	2002	0.56	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	14518	0.48	ng	-0.01
25) Fluoranthene-d10	19.22	212	153147	0.49	ng	-0.02
29) Terphenyl-d14	19.81	244	34175	0.52	ng	-0.02
Target Compounds						
9) Naphthalene	10.65	128	2493	0.021	ng	Qvalue # 88
17) Acenaphthene	14.51	154	756	0.035	ng	# 94
32) Bis(2-ethylhexyl)phthalate	21.27	149	16285	0.113	ng	# 97

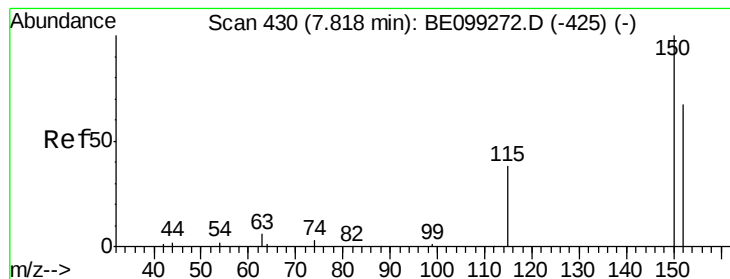
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. -0.03 min

Lab File: BE099299.D

Acq: 4 Apr 2019 20:43

Instrument :

BNA_E

ClientSampleId :

WE-5

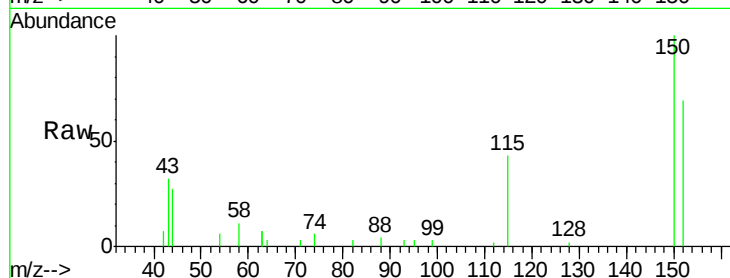
Tgt Ion:152 Resp: 3141

Ion Ratio Lower Upper

152 100

150 145.5 112.8 169.2

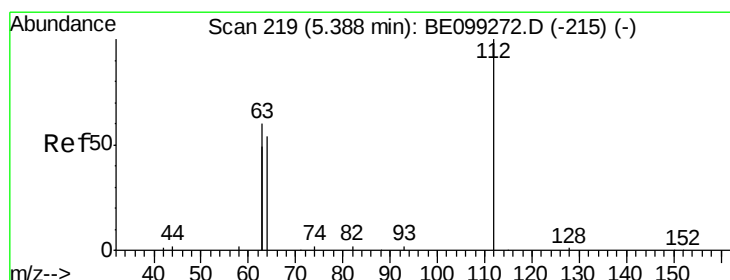
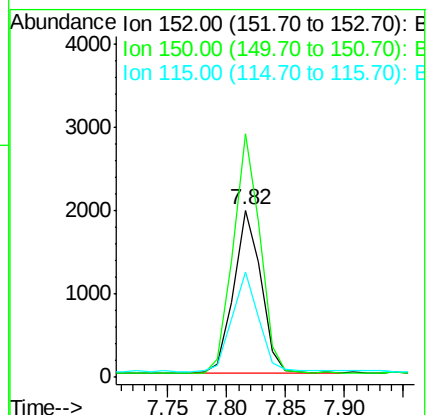
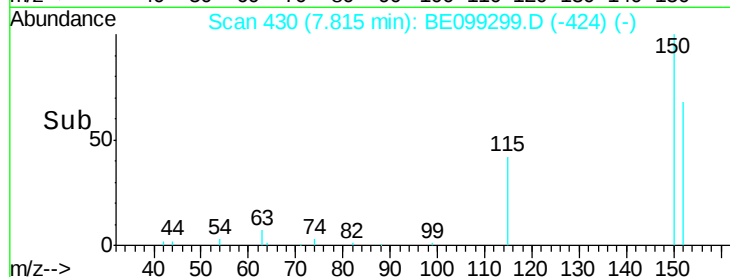
115 63.1 45.1 67.7



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: 0.249 ng

RT: 5.40 min Scan# 220

Delta R.T. -0.01 min

Lab File: BE099299.D

Acq: 4 Apr 2019 20:43

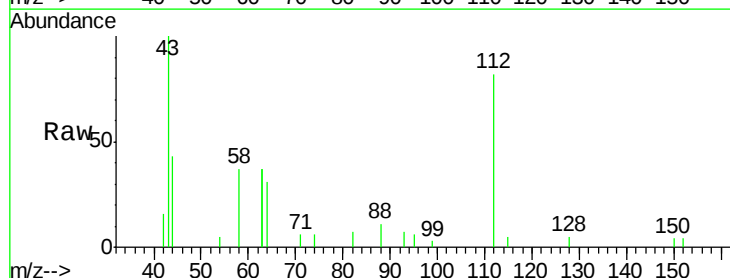
Tgt Ion:112 Resp: 2075

Ion Ratio Lower Upper

112 100

64 51.5 46.2 69.2

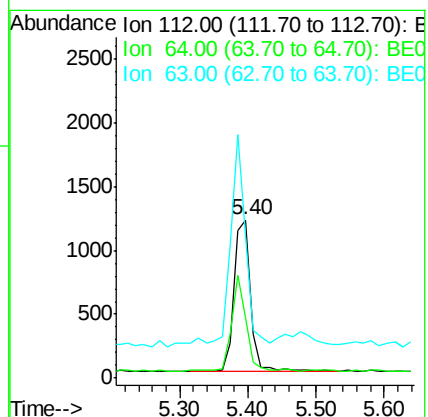
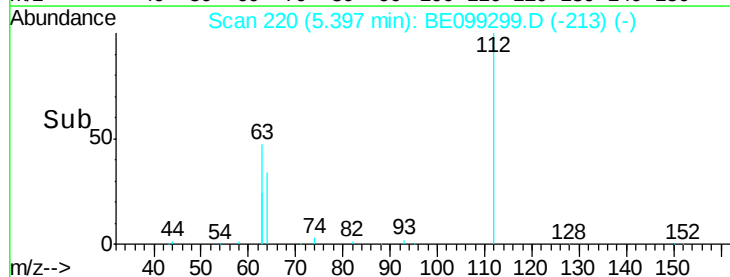
63 116.5 89.9 134.9

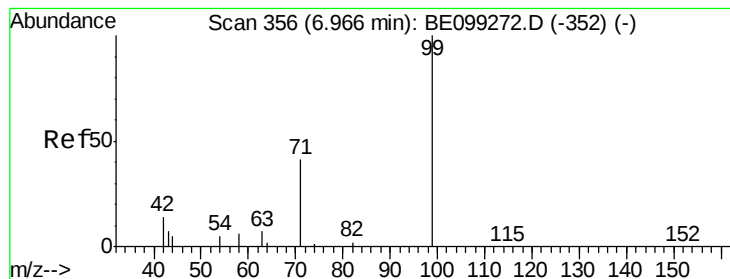


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.203 ng

RT: 6.97 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE099299.D

Acq: 4 Apr 2019 20:43

Instrument :

BNA_E

ClientSampleId :

WE-5

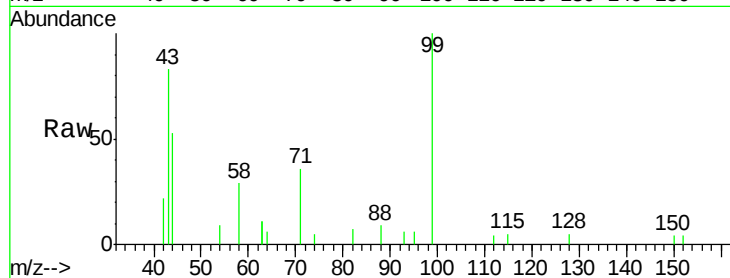
Tgt Ion: 99 Resp: 2333

Ion Ratio Lower Upper

99 100

42 19.3 12.4 18.6#

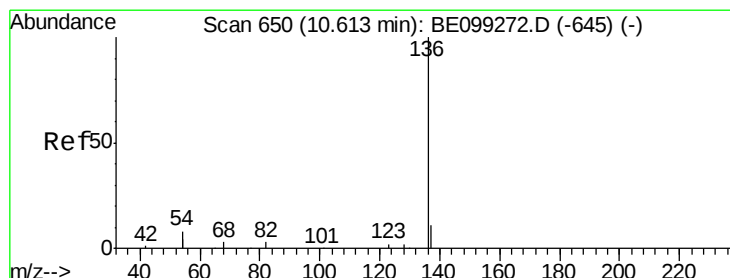
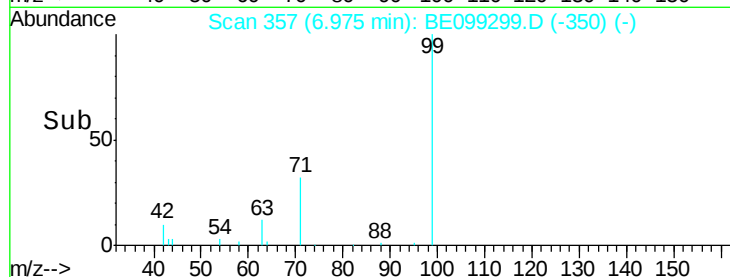
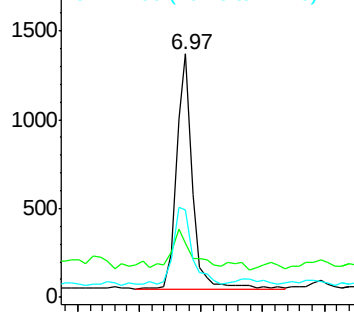
71 39.1 28.4 42.6



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: BE099299.D

Acq: 4 Apr 2019 20:43

Tgt Ion: 136 Resp: 11085

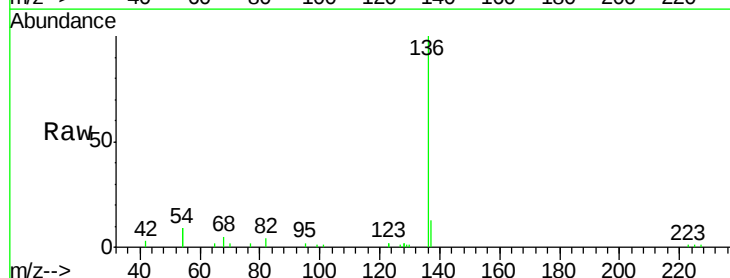
Ion Ratio Lower Upper

136 100

137 12.5 8.7 13.1

54 17.5 18.7 28.1#

68 5.0 5.2 7.8#

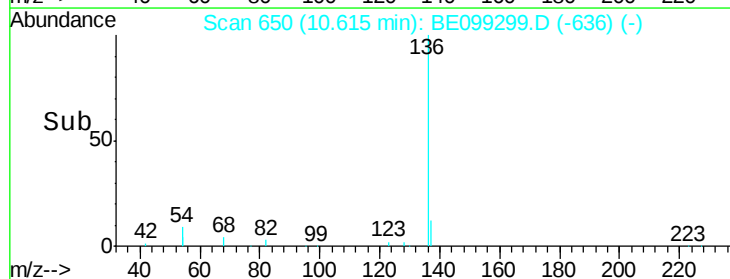
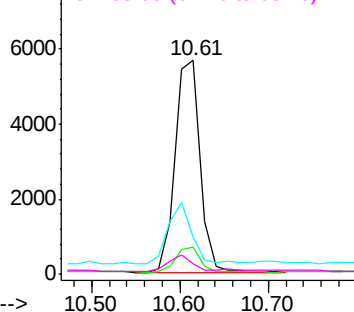


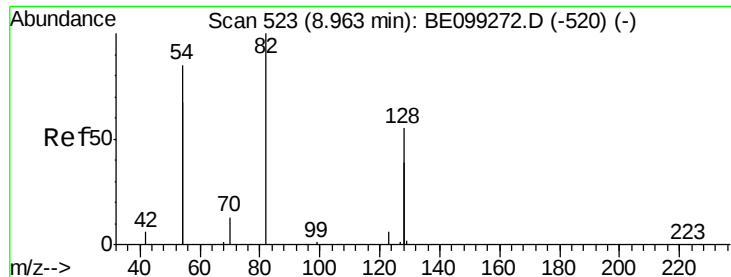
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.461 ng

RT: 8.97 min Scan# 523

Delta R.T. -0.03 min

Lab File: BE099299.D

Acq: 4 Apr 2019 20:43

Instrument :

BNA_E

ClientSampleId :

WE-5

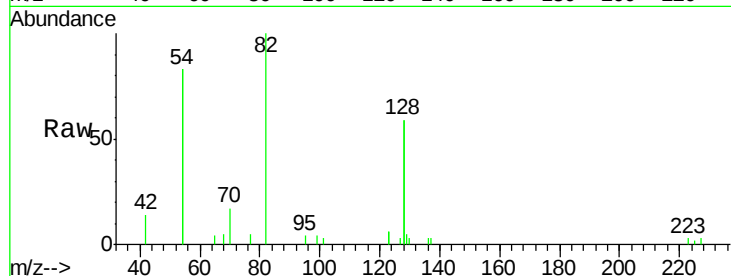
Tgt Ion: 82 Resp: 3506

Ion Ratio Lower Upper

82 100

128 118.3 107.5 161.3

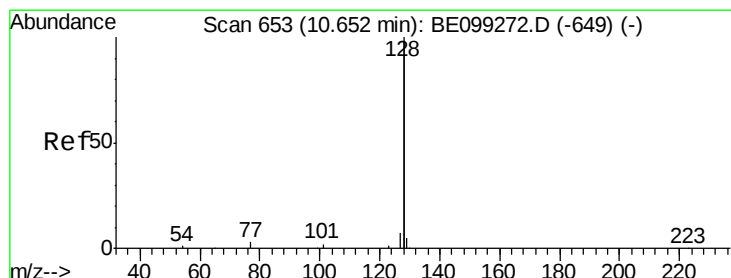
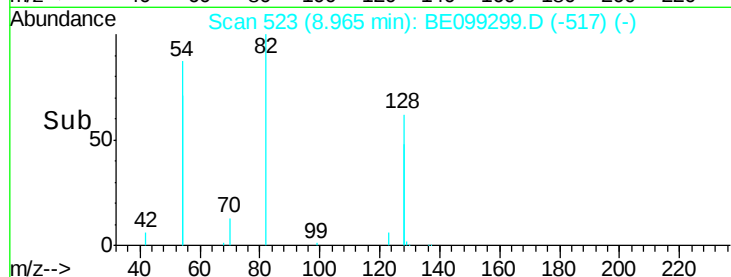
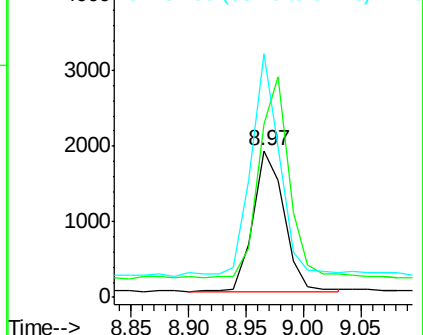
54 165.7 106.3 159.5#



Abundance Ion 82.00 (81.70 to 82.70): BE099299.D (-517) (-)

Ion 128.00 (127.70 to 128.70): BE099299.D (-517) (-)

Ion 54.00 (53.70 to 54.70): BE099299.D (-517) (-)



#9

Naphthalene

Concen: 0.021 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.03 min

Lab File: BE099299.D

Acq: 4 Apr 2019 20:43

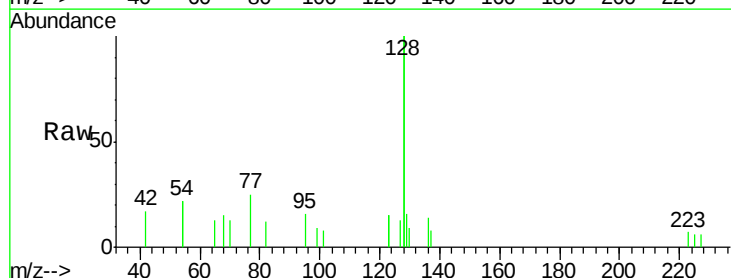
Tgt Ion: 128 Resp: 2493

Ion Ratio Lower Upper

128 100

129 7.9 2.3 3.5#

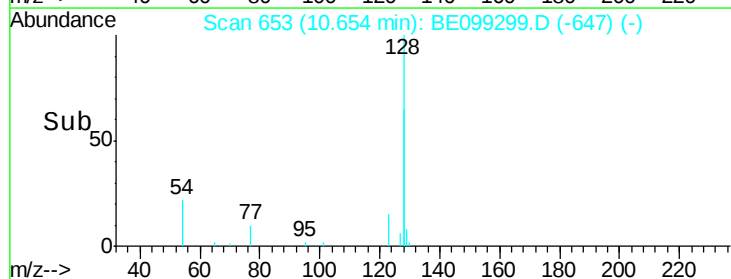
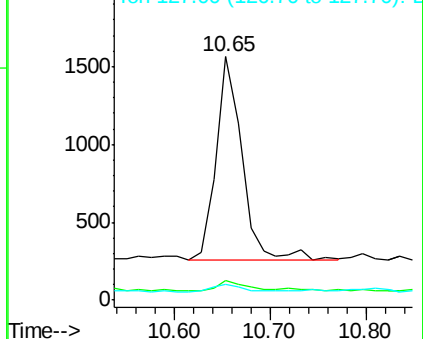
127 6.5 2.6 3.8#

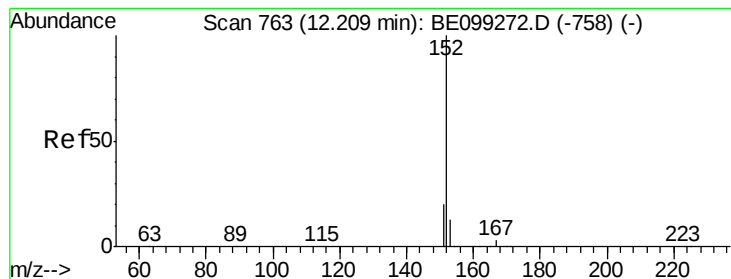


Abundance Ion 128.00 (127.70 to 128.70): BE099299.D (-647) (-)

Ion 129.00 (128.70 to 129.70): BE099299.D (-647) (-)

Ion 127.00 (126.70 to 127.70): BE099299.D (-647) (-)





#11

2-Methylnaphthalene-d10

Concen: 0.423 ng

RT: 12.20 min Scan# 762

Delta R.T. -0.03 min

Lab File: BE099299.D

Acq: 4 Apr 2019 20:43

Instrument :

BNA_E

ClientSampleId :

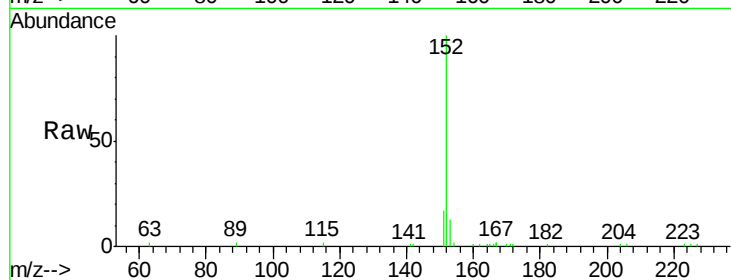
WE-5

Tgt Ion:152 Resp: 8191

Ion Ratio Lower Upper

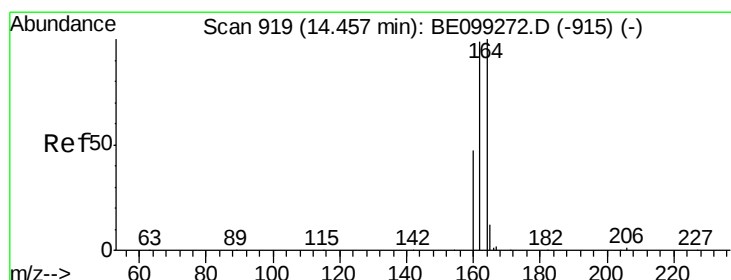
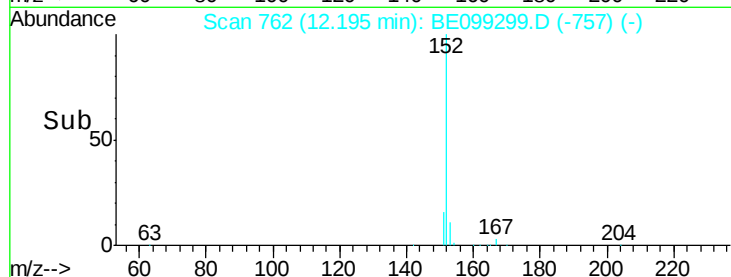
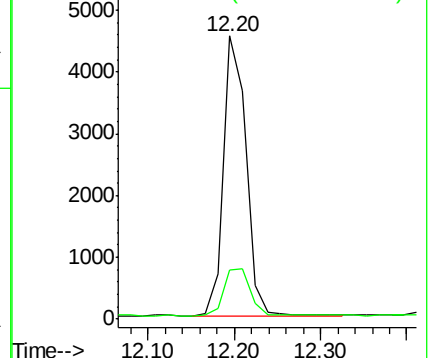
152 100

151 20.3 15.0 22.6



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: 14.46 min Scan# 919

Delta R.T. -0.03 min

Lab File: BE099299.D

Acq: 4 Apr 2019 20:43

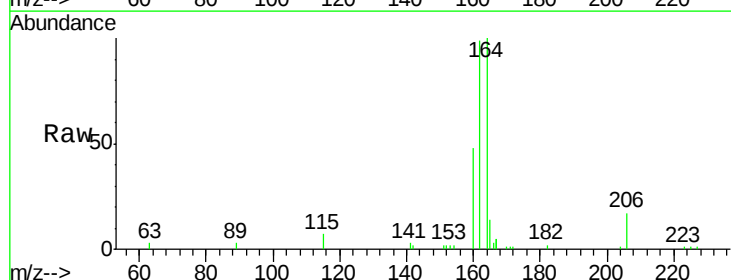
Tgt Ion:164 Resp: 7703

Ion Ratio Lower Upper

164 100

162 98.9 79.2 118.8

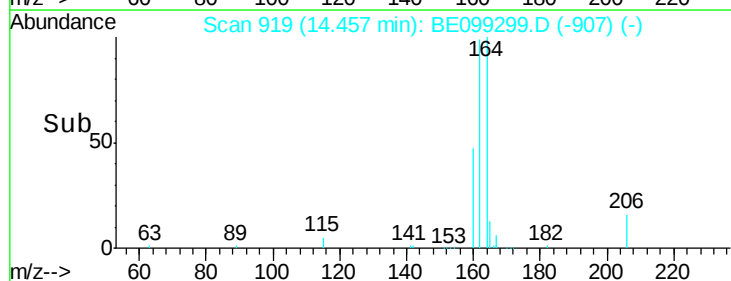
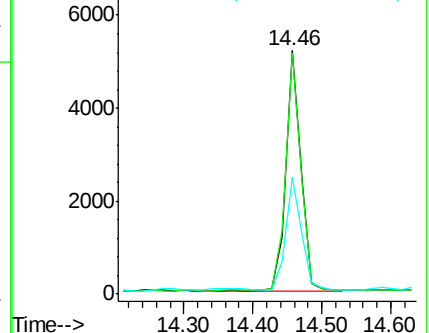
160 48.1 36.7 55.1

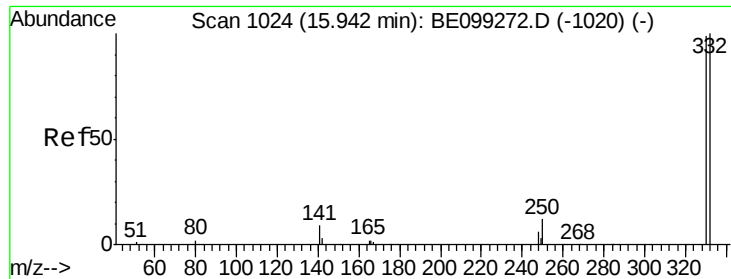


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

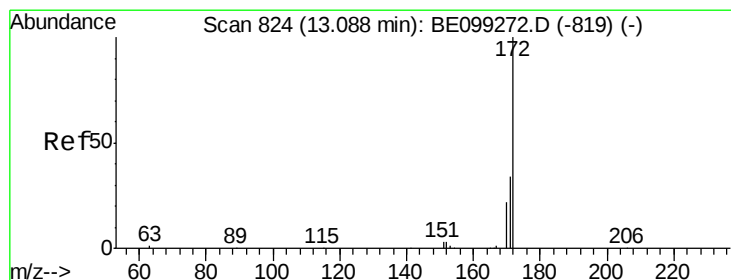
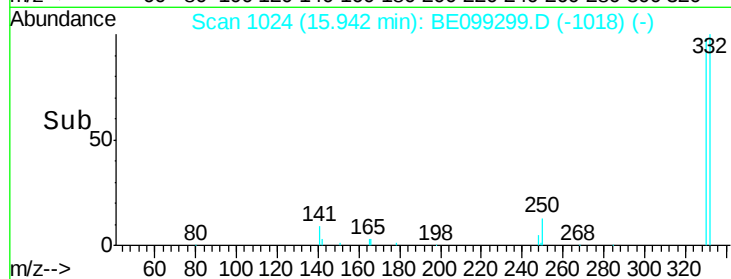
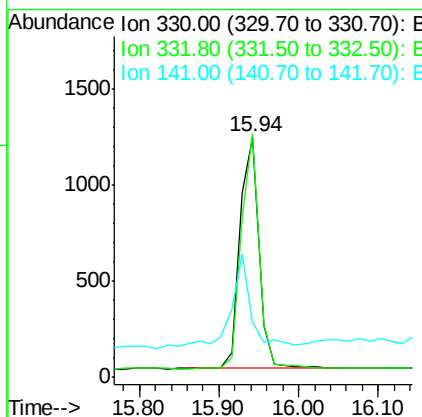
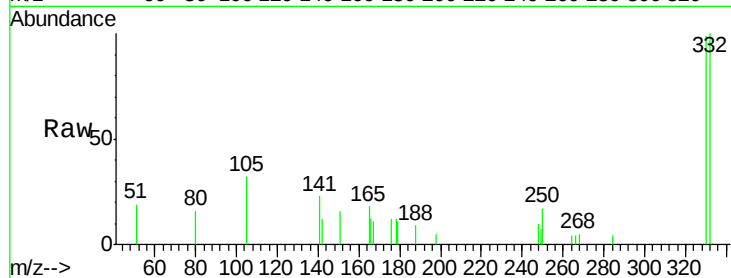




#14
 2,4,6-Tribromophenol
 Concen: 0.564 ng
 RT: 15.94 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BE099299.D
 Acq: 4 Apr 2019 20:43

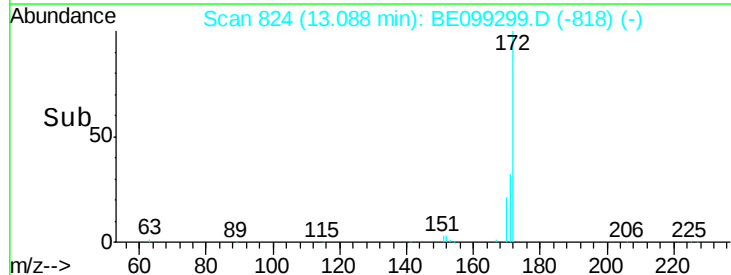
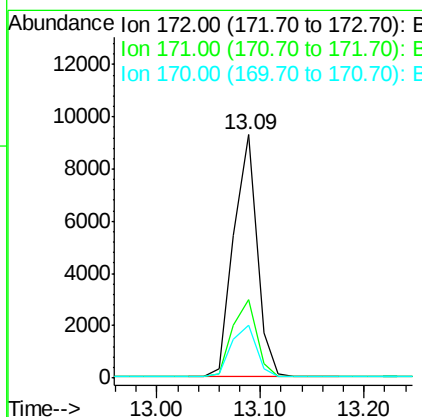
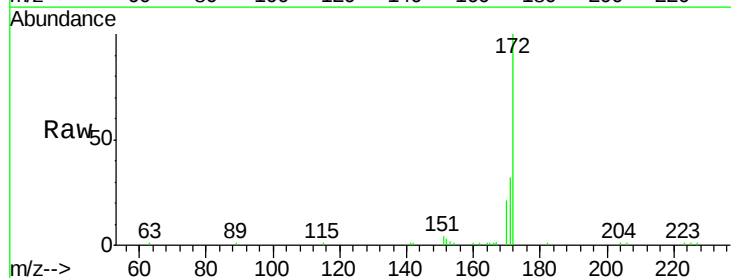
Instrument :
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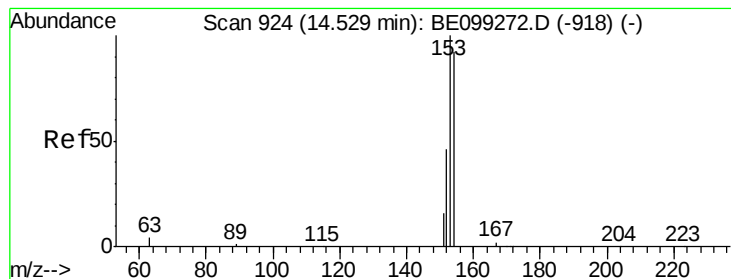
Tgt Ion:330 Resp: 2002
 Ion Ratio Lower Upper
 330 100
 332 95.8 71.3 106.9
 141 39.5 21.7 32.5#



#15
 2-Fluorobiphenyl
 Concen: 0.479 ng
 RT: 13.09 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BE099299.D
 Acq: 4 Apr 2019 20:43

Tgt Ion:172 Resp: 14518
 Ion Ratio Lower Upper
 172 100
 171 32.4 27.4 41.0
 170 21.5 19.1 28.7





#17

Acenaphthene

Concen: 0.035 ng

RT: 14.51 min Scan# 923

Delta R.T. -0.03 min

Lab File: BE099299.D

Acq: 4 Apr 2019 20:43

Instrument :

BNA_E

ClientSampleId :

WE-5

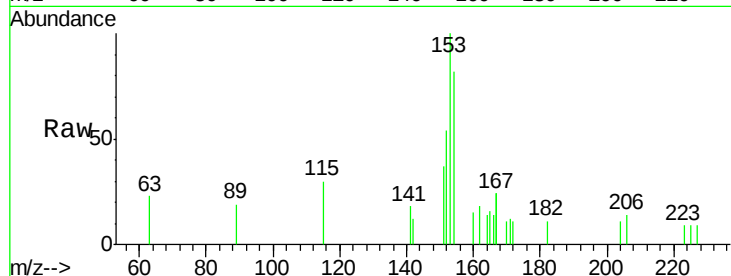
Tgt Ion:154 Resp: 756

Ion Ratio Lower Upper

154 100

153 124.2 93.4 140.0

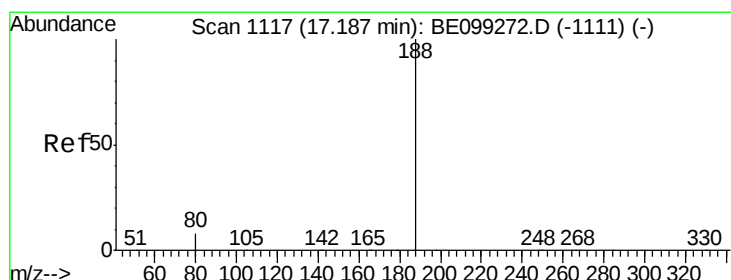
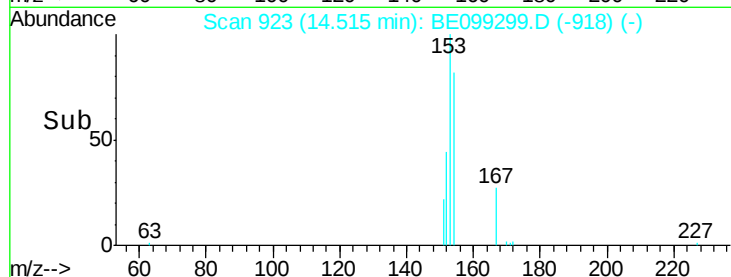
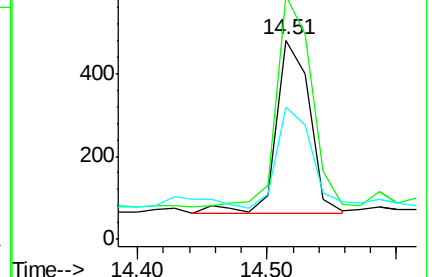
152 61.0 46.6 69.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.03 min

Lab File: BE099299.D

Acq: 4 Apr 2019 20:43

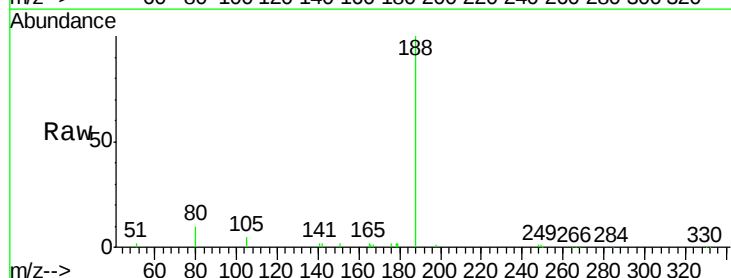
Tgt Ion:188 Resp: 23919

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

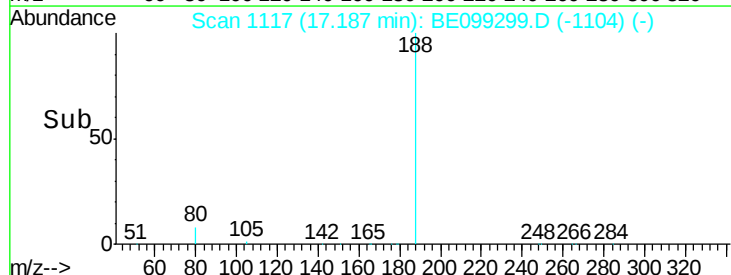
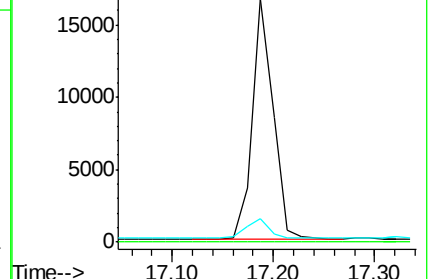
80 9.7 4.5 6.7#

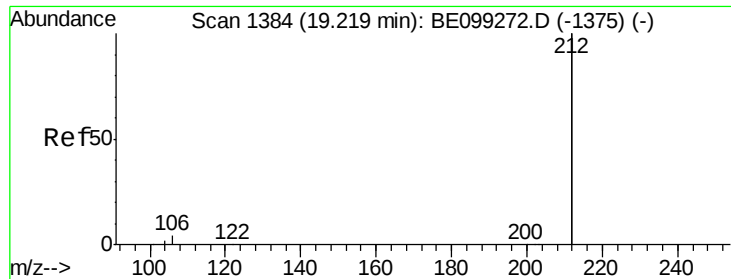


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#25

Fluoranthene-d10

Concen: 0.485 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.02 min

Lab File: BE099299.D

Acq: 4 Apr 2019 20:43

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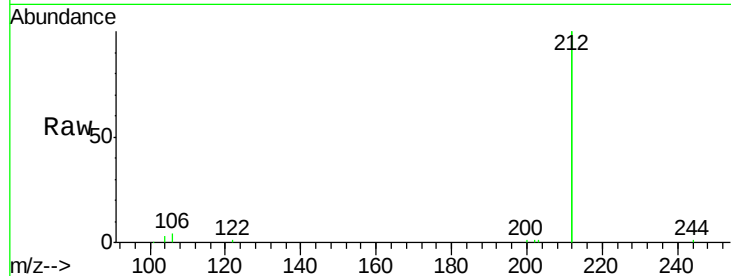
Tgt Ion:212 Resp: 153147

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

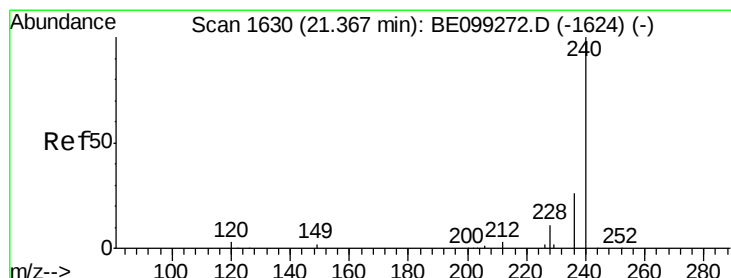
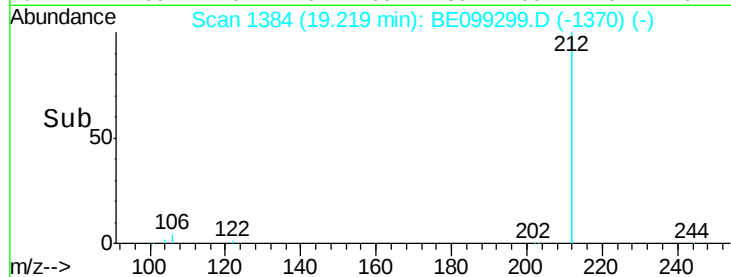
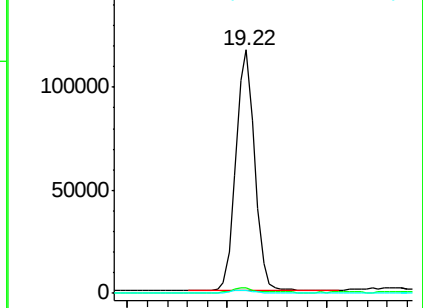
104 1.2 1.1 1.7



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. -0.02 min

Lab File: BE099299.D

Acq: 4 Apr 2019 20:43

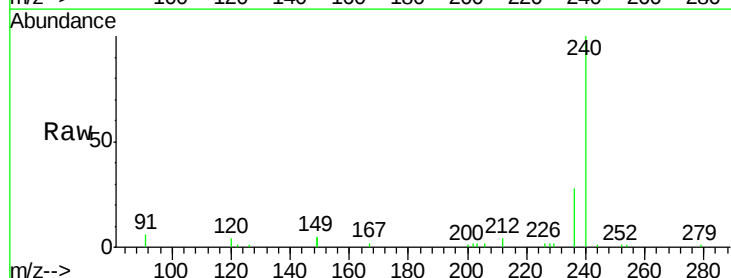
Tgt Ion:240 Resp: 36051

Ion Ratio Lower Upper

240 100

120 4.2 2.6 3.8#

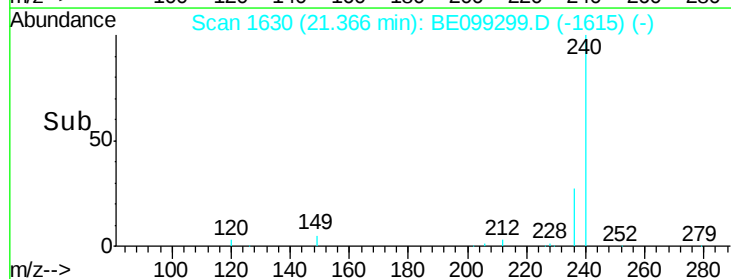
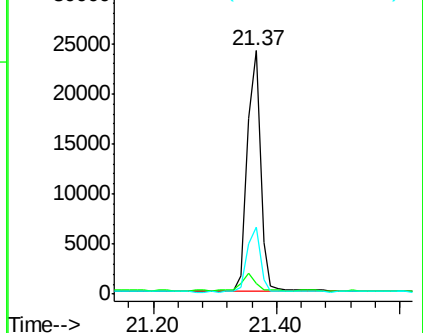
236 27.7 20.9 31.3

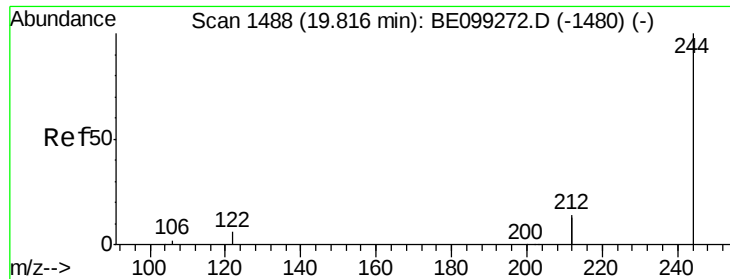


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.520 ng

RT: 19.81 min Scan# 1487

Delta R.T. -0.02 min

Lab File: BE099299.D

Acq: 4 Apr 2019 20:43

Instrument :

BNA_E

ClientSampleId :

WE-5

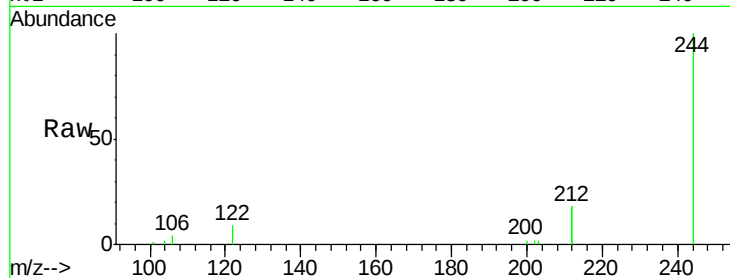
Tgt Ion:244 Resp: 34175

Ion Ratio Lower Upper

244 100

212 35.5 22.7 34.1#

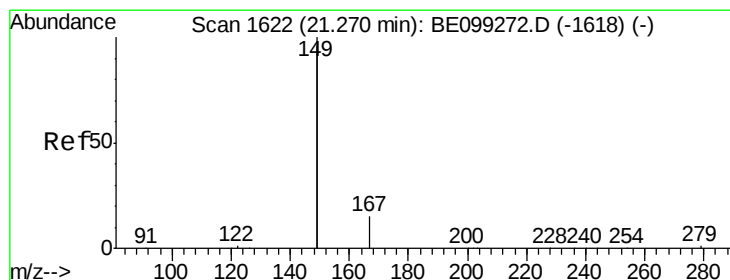
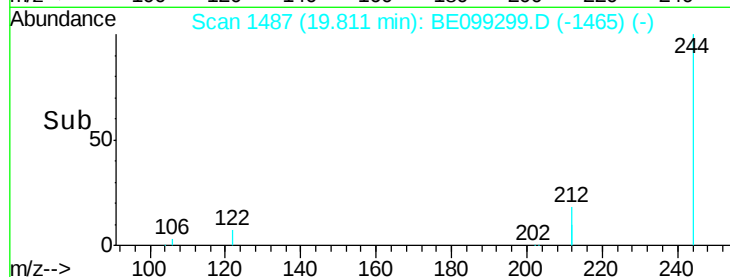
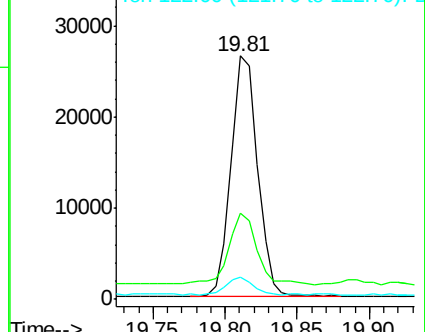
122 9.2 5.8 8.6#



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.113 ng

RT: 21.27 min Scan# 1622

Delta R.T. -0.02 min

Lab File: BE099299.D

Acq: 4 Apr 2019 20:43

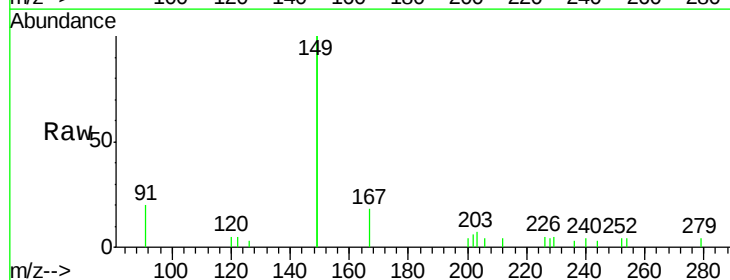
Tgt Ion:149 Resp: 16285

Ion Ratio Lower Upper

149 100

167 8.4 5.9 8.9

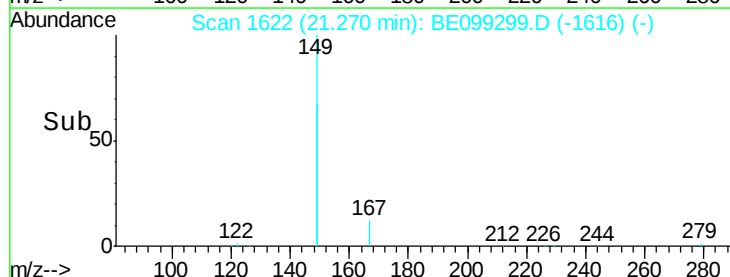
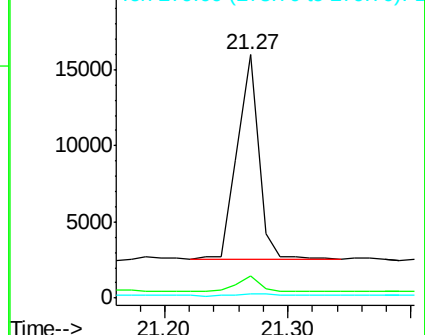
279 2.2 1.0 1.6#

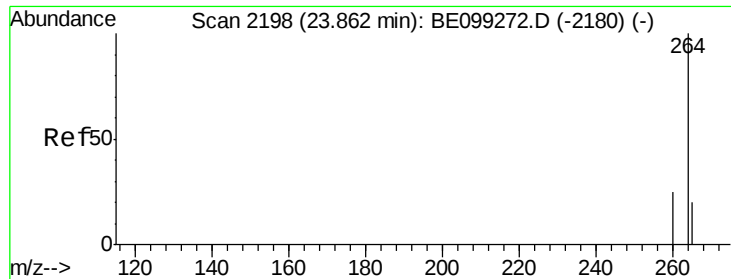


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.86 min Scan# 2197

Delta R.T. -0.03 min

Lab File: BE099299.D

Acq: 4 Apr 2019 20:43

Instrument :

BNA_E

ClientSampleId :

WE-5

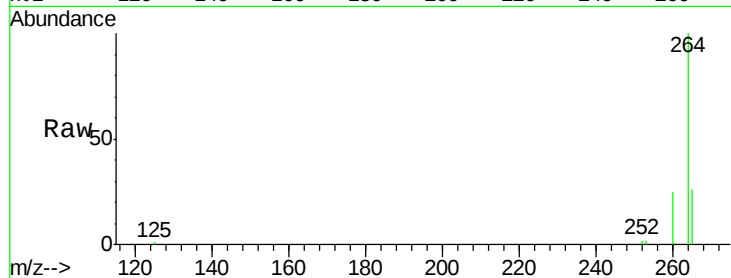
Tgt Ion:264 Resp: 35762

Ion Ratio Lower Upper

264 100

260 25.3 18.2 27.2

265 25.7 21.8 32.8



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

