

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE040419\
 Data File : BE099300.D
 Acq On : 4 Apr 2019 21:22
 Operator : JU/SJ
 Sample : K2247-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-190402

Quant Time: Apr 05 04:26:48 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

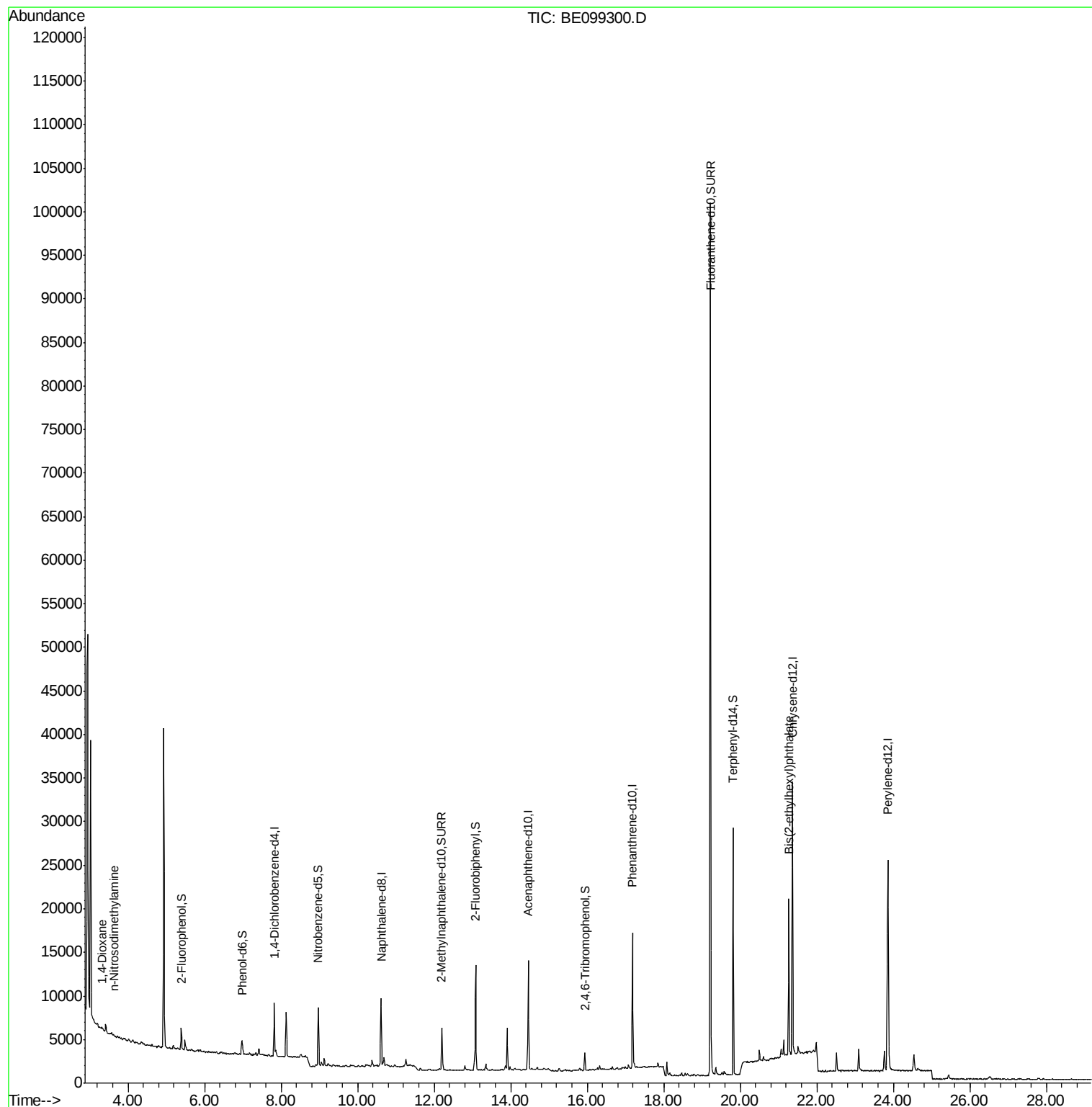
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	2829	0.40	ng	-0.02
7) Naphthalene-d8	10.61	136	10324	0.40	ng	-0.01
13) Acenaphthene-d10	14.46	164	6873	0.40	ng	-0.03
19) Phenanthrene-d10	17.19	188	20672	0.40	ng	-0.03
27) Chrysene-d12	21.37	240	33628	0.40	ng	-0.02
34) Perylene-d12	23.86	264	34727	0.40	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	1306	0.17	ng	-0.02
5) Phenol-d6	6.98	99	1697	0.16	ng	-0.01
8) Nitrobenzene-d5	8.96	82	3352	0.47	ng	-0.03
11) 2-Methylnaphthalene-d10	12.19	152	7342	0.41	ng	-0.03
14) 2,4,6-Tribromophenol	15.94	330	1391	0.44	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	11491	0.43	ng	-0.01
25) Fluoranthene-d10	19.22	212	128155	0.47	ng	-0.02
29) Terphenyl-d14	19.82	244	26188	0.43	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	268	0.070	ng	# 1
3) n-Nitrosodimethylamine	3.62	42	102	0.045	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.27	149	19602	0.145	ng	98

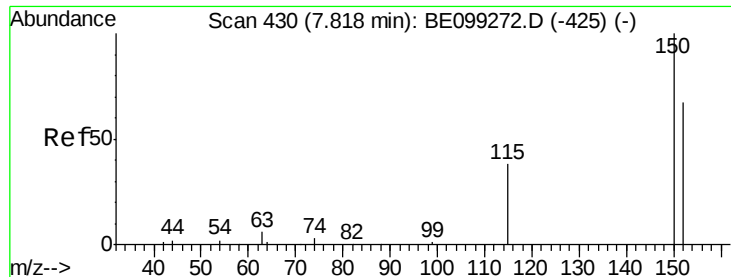
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. -0.02 min

Lab File: BE099300.D

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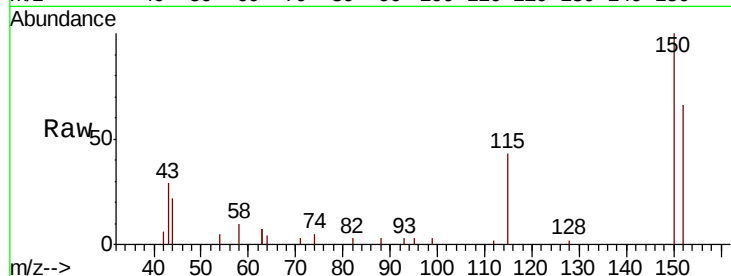
Tgt Ion: 152 Resp: 2829

Ion Ratio Lower Upper

152 100

150 151.0 112.8 169.2

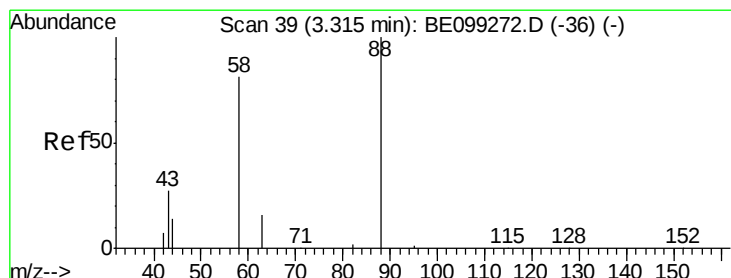
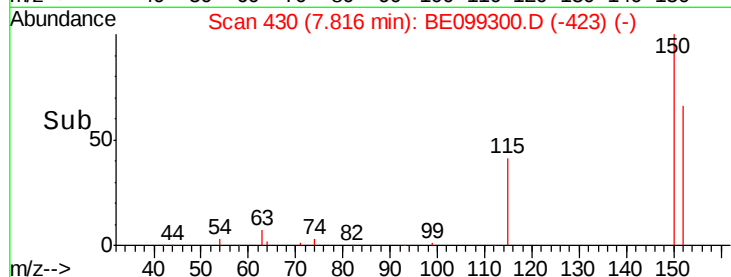
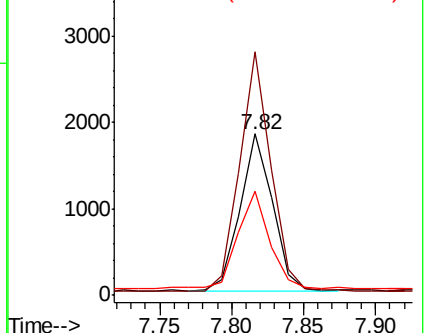
115 64.9 45.1 67.7



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



#2

1,4-Dioxane

Concen: 0.070 ng

RT: 3.32 min Scan# 40

Delta R.T. -0.01 min

Lab File: BE099300.D

Acq: 4 Apr 2019 21:22

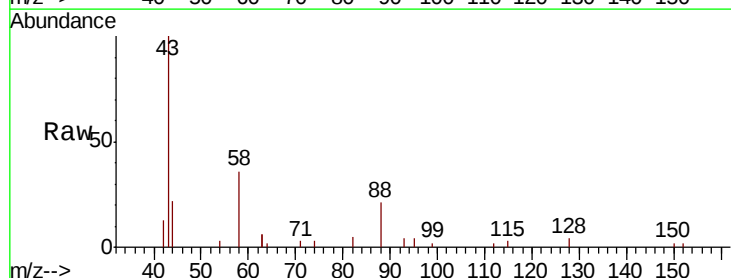
Tgt Ion: 88 Resp: 268

Ion Ratio Lower Upper

88 100

58 82.1 47.4 71.0#

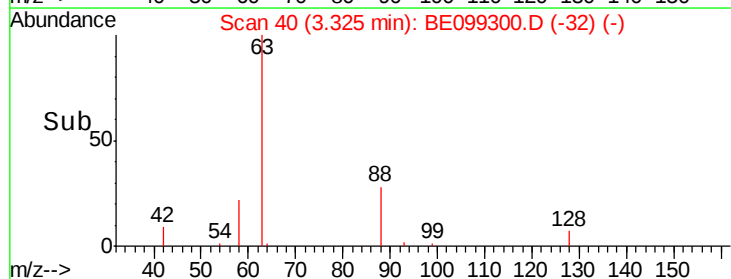
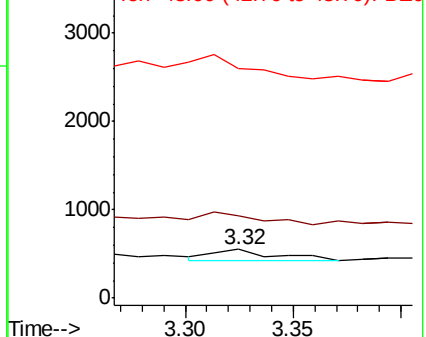
43 205.2 15.6 23.4#

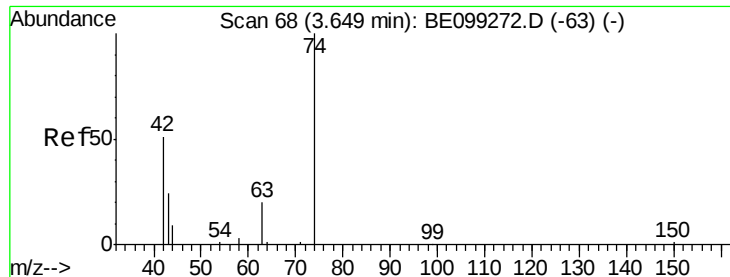


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.045 ng

RT: 3.62 min Scan# 66

Delta R.T. -0.05 min

Lab File: BE099300.D

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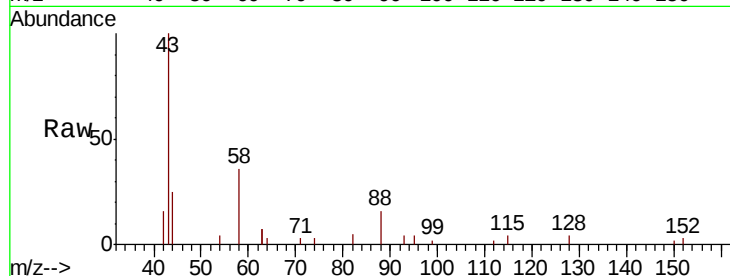
Tgt Ion: 42 Resp: 102

Ion Ratio Lower Upper

42 100

74 0.0 138.6 207.8#

44 0.0 15.0 22.6#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0

800

600

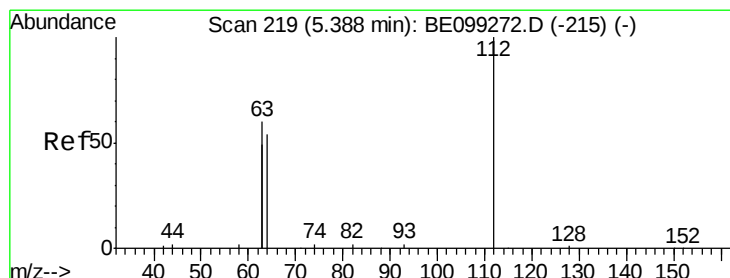
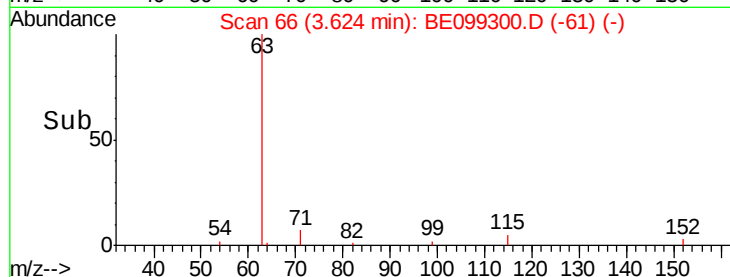
400

200

0

3.60 3.65 3.70

Time-->



#4

2-Fluorophenol

Concen: 0.174 ng

RT: 5.39 min Scan# 219

Delta R.T. -0.02 min

Lab File: BE099300.D

Acq: 4 Apr 2019 21:22

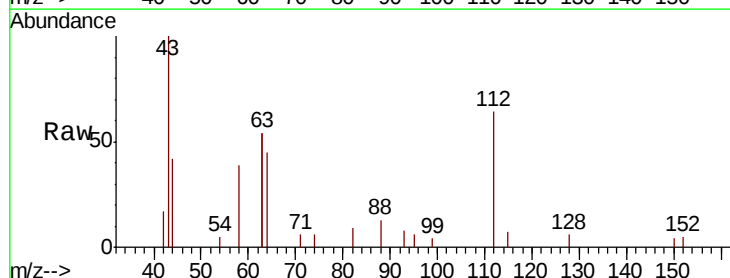
Tgt Ion: 112 Resp: 1306

Ion Ratio Lower Upper

112 100

64 57.0 46.2 69.2

63 127.1 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

1500

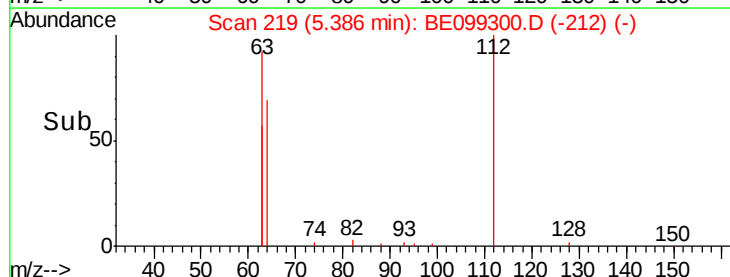
1000

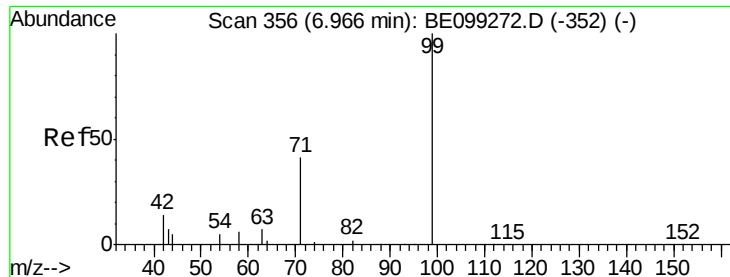
500

0

5.30 5.40 5.50

Time-->





#5

Phenol-d6

Concen: 0.164 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE099300.D

Acq: 4 Apr 2019 21:22

Instrument :

BNA_E

ClientSampleId :

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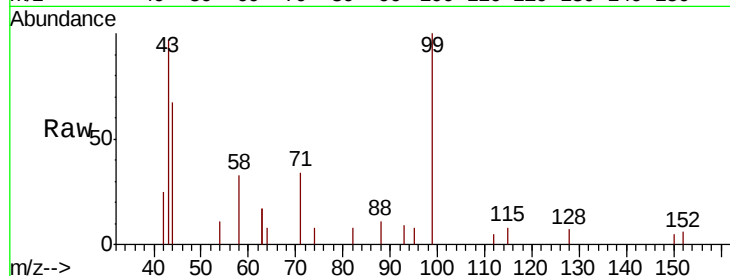
Tgt Ion: 99 Resp: 1697

Ion Ratio Lower Upper

99 100

42 17.5 12.4 18.6

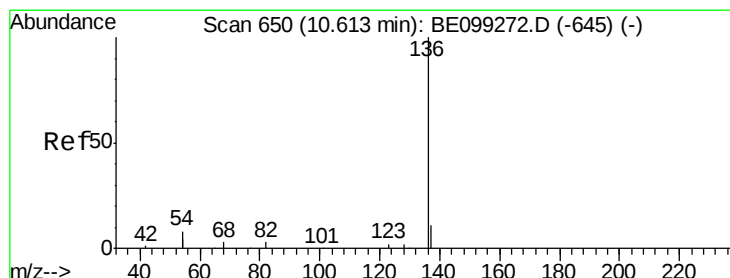
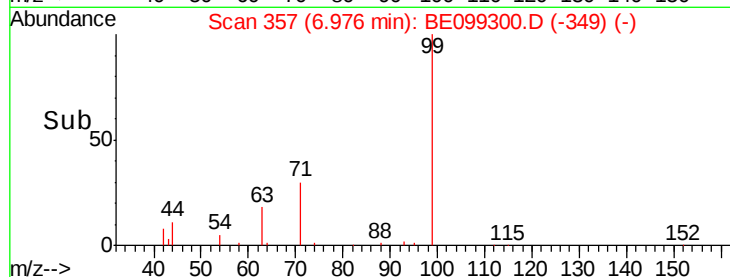
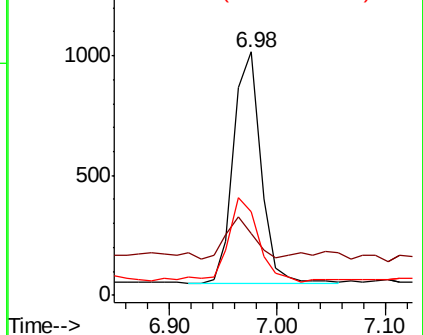
71 40.8 28.4 42.6



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: BE099300.D

Acq: 4 Apr 2019 21:22

Tgt Ion: 136 Resp: 10324

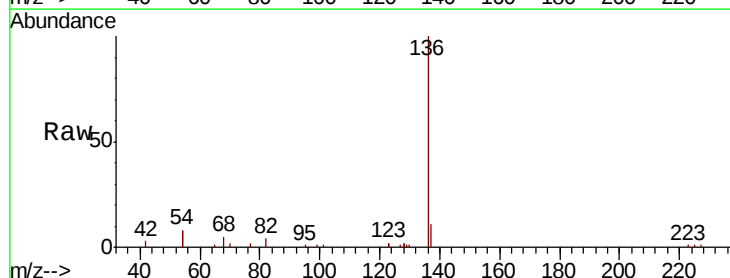
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 16.0 18.7 28.1#

68 4.9 5.2 7.8#

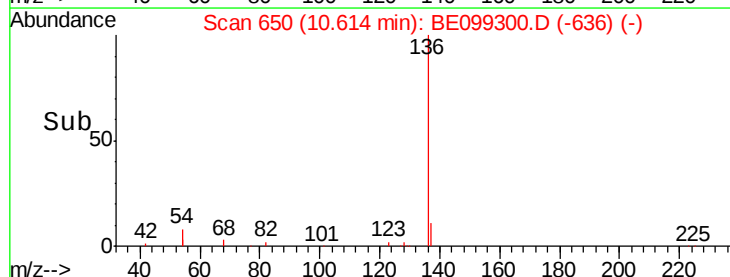
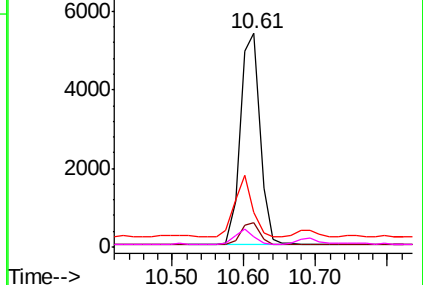


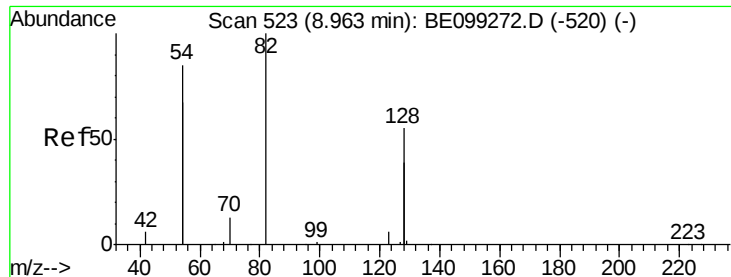
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.473 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.03 min

Lab File: BE099300.D

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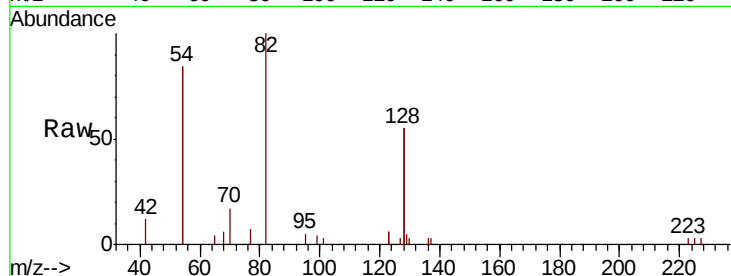
Tgt Ion: 82 Resp: 3352

Ion Ratio Lower Upper

82 100

128 109.0 107.5 161.3

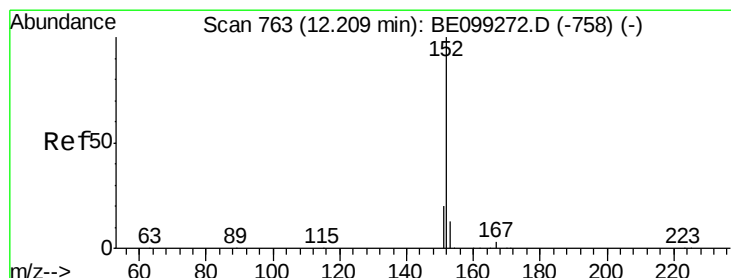
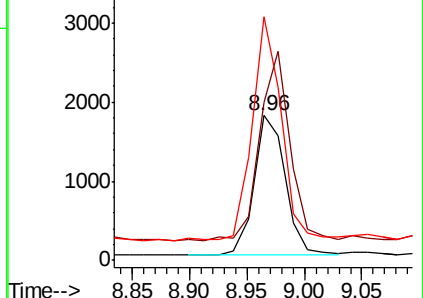
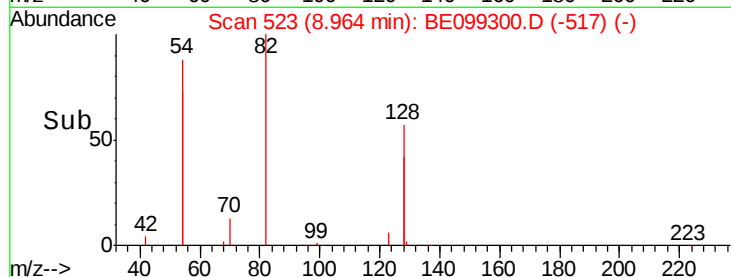
54 168.1 106.3 159.5#



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: 0.407 ng

RT: 12.19 min Scan# 762

Delta R.T. -0.03 min

Lab File: BE099300.D

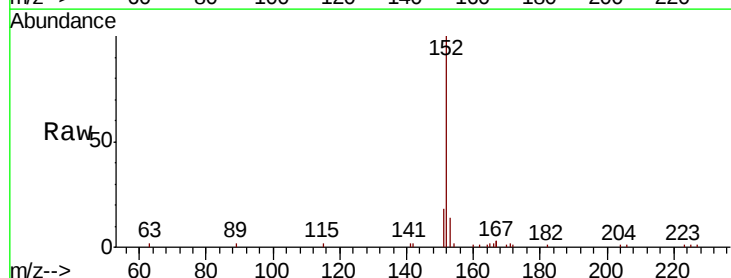
Acq: 4 Apr 2019 21:22

Tgt Ion: 152 Resp: 7342

Ion Ratio Lower Upper

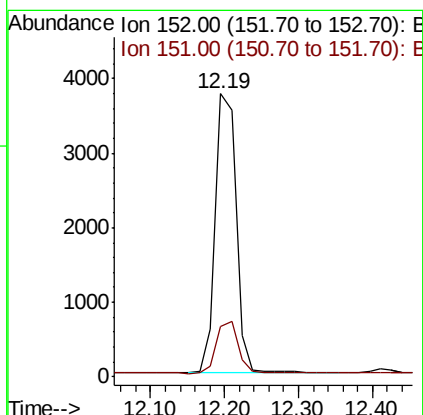
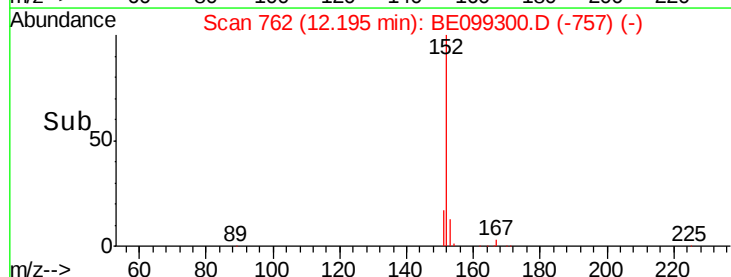
152 100

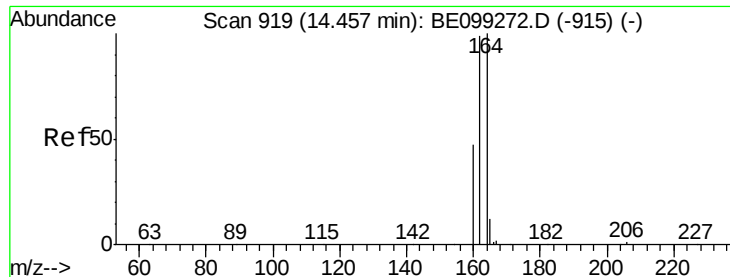
151 20.0 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

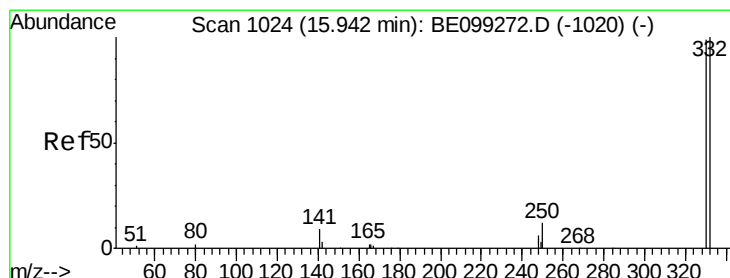
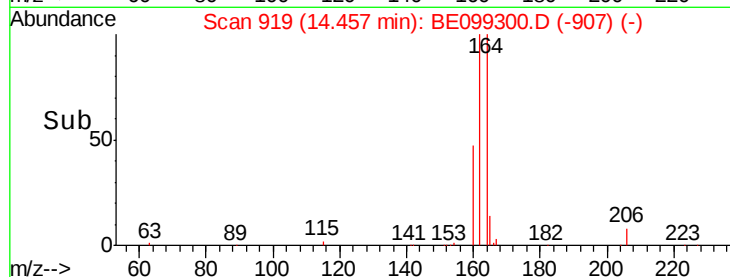
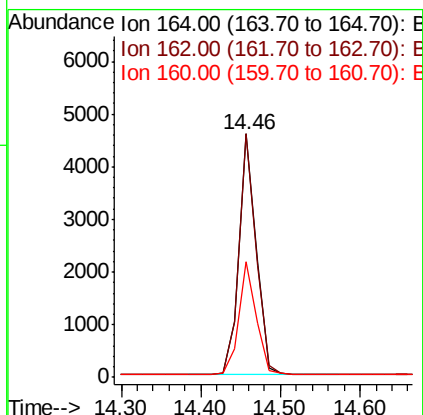
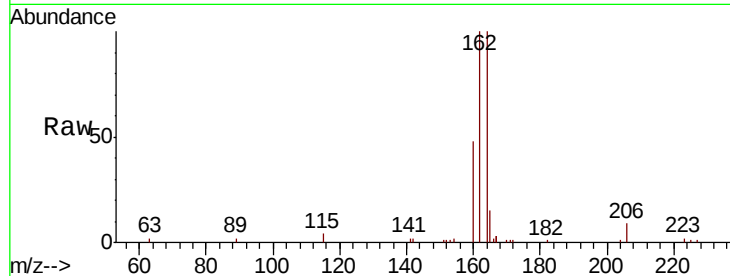




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.03 min
Lab File: BE099300.D
Acq: 4 Apr 2019 21:22

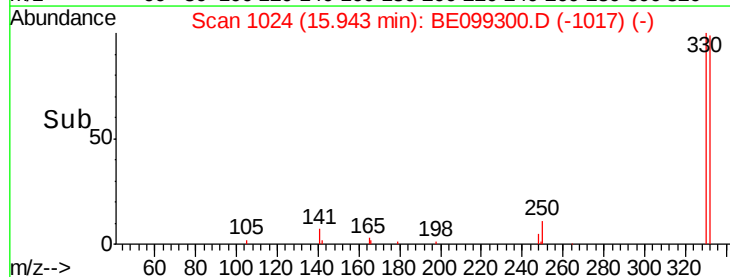
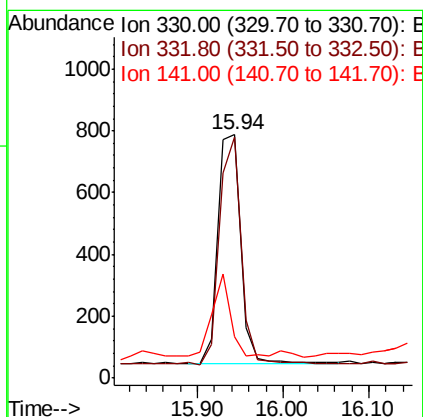
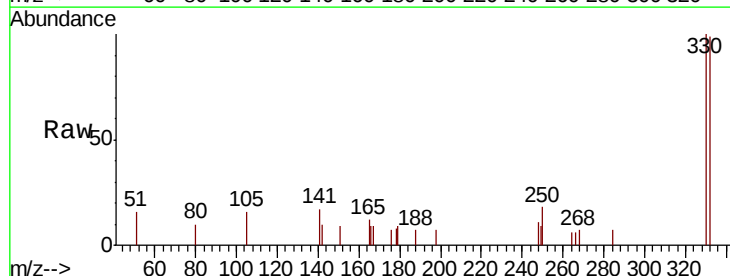
Instrument :
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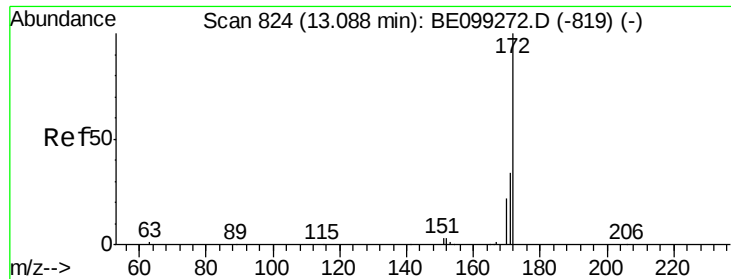
Tgt Ion:164 Resp: 6873
Ion Ratio Lower Upper
164 100
162 99.9 79.2 118.8
160 47.7 36.7 55.1



#14
2,4,6-Tribromophenol
Concen: 0.439 ng
RT: 15.94 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BE099300.D
Acq: 4 Apr 2019 21:22

Tgt Ion:330 Resp: 1391
Ion Ratio Lower Upper
330 100
332 92.6 71.3 106.9
141 28.3 21.7 32.5

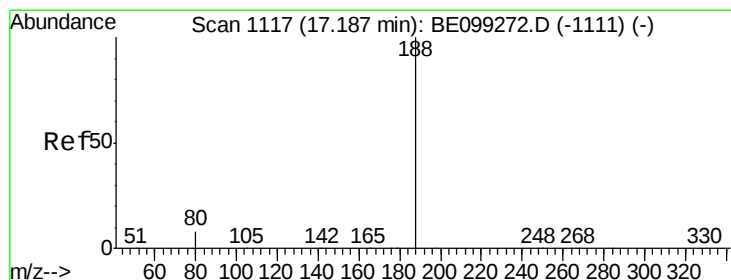
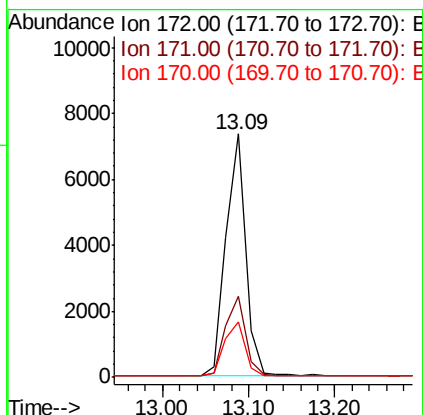
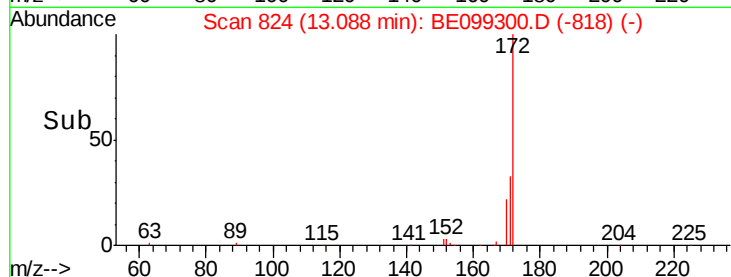
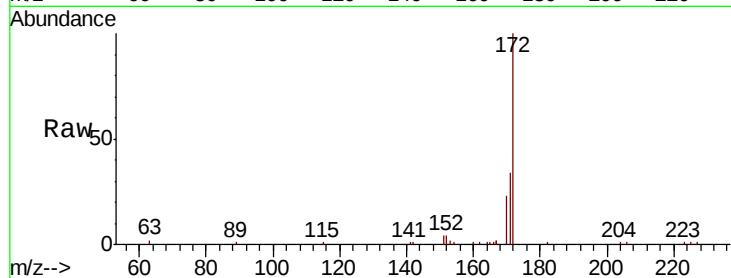




#15
 2-Fluorobiphenyl
 Concen: 0.425 ng
 RT: 13.09 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BE099300.D
 Acq: 4 Apr 2019 21:22

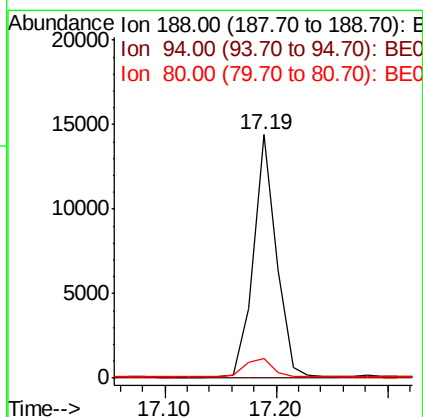
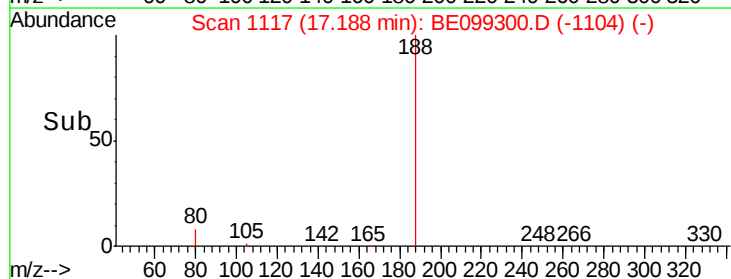
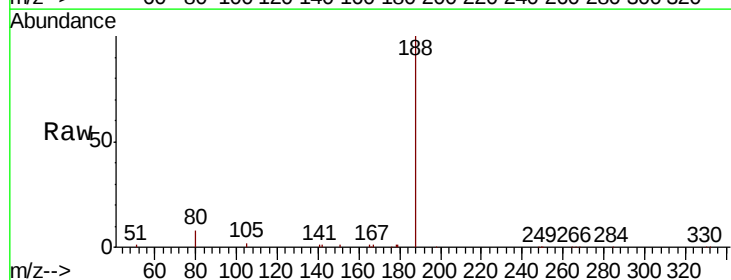
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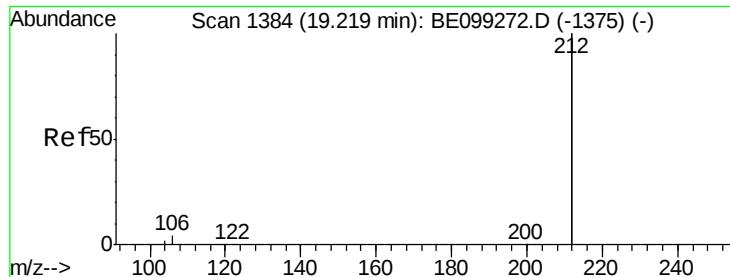
Tgt Ion:172 Resp: 11491
 Ion Ratio Lower Upper
 172 100
 171 33.5 27.4 41.0
 170 22.5 19.1 28.7



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.19 min Scan# 1117
 Delta R.T. -0.03 min
 Lab File: BE099300.D
 Acq: 4 Apr 2019 21:22

Tgt Ion:188 Resp: 20672
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 8.3 4.5 6.7#





#25

Fluoranthene-d10

Concen: 0.470 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.02 min

Lab File: BE099300.D

Acq: 4 Apr 2019 21:22

Instrument :

BNA_E

ClientSampleId :

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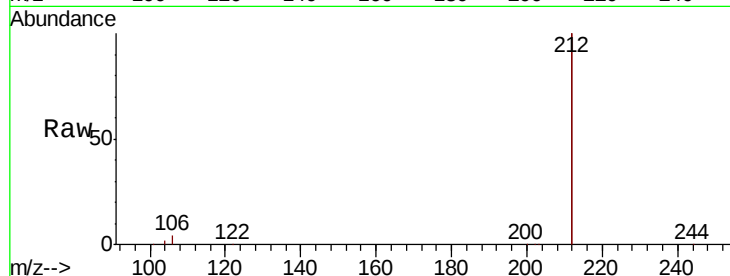
Tgt Ion:212 Resp: 128155

Ion Ratio Lower Upper

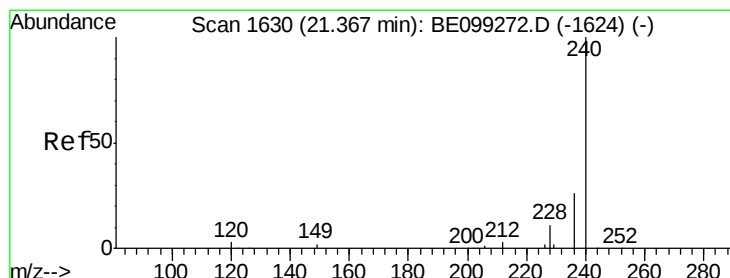
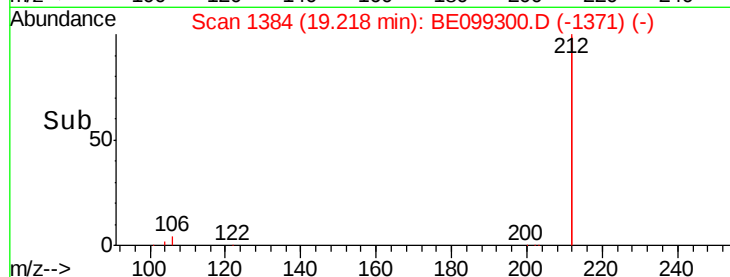
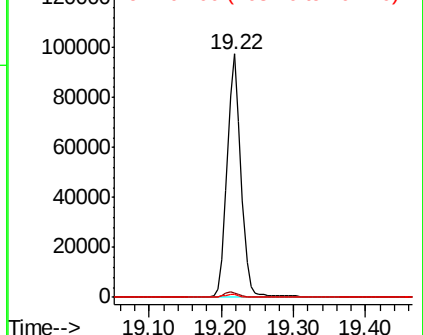
212 100

106 2.1 1.8 2.8

104 1.3 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: BE099300.D

Acq: 4 Apr 2019 21:22

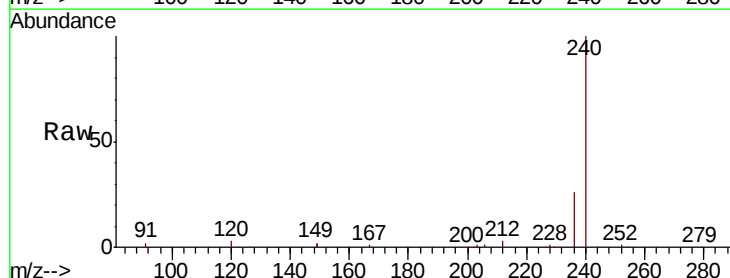
Tgt Ion:240 Resp: 33628

Ion Ratio Lower Upper

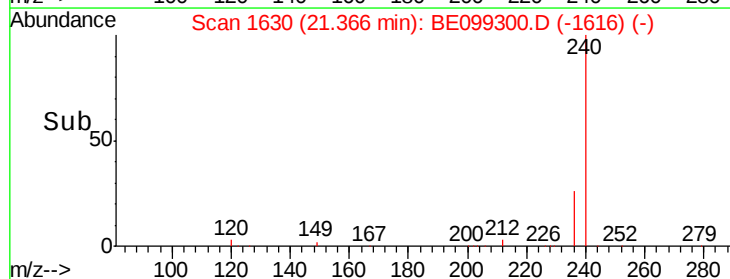
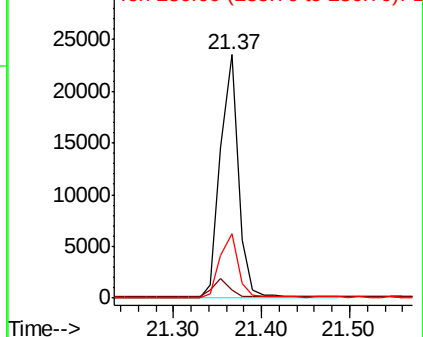
240 100

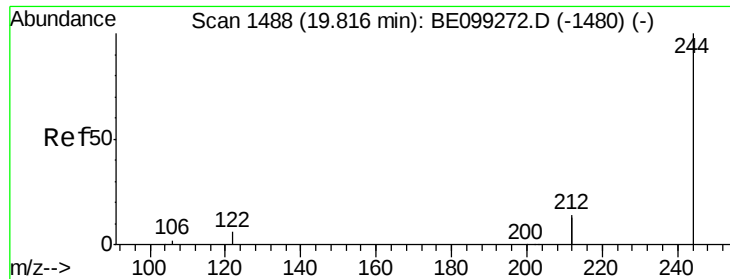
120 3.3 2.6 3.8

236 26.4 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: 0.427 ng

RT: 19.82 min Scan# 1488

Delta R.T. -0.02 min

Lab File: BE099300.D

Acq: 4 Apr 2019 21:22

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-190402

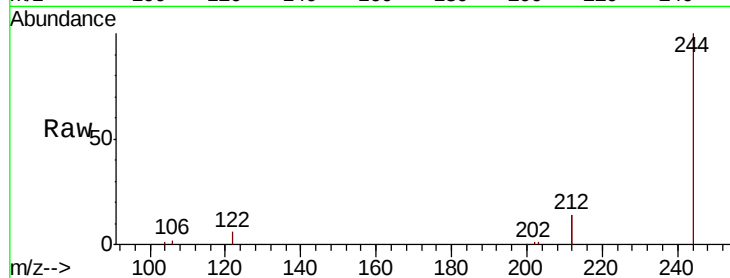
Tgt Ion:244 Resp: 26188

Ion Ratio Lower Upper

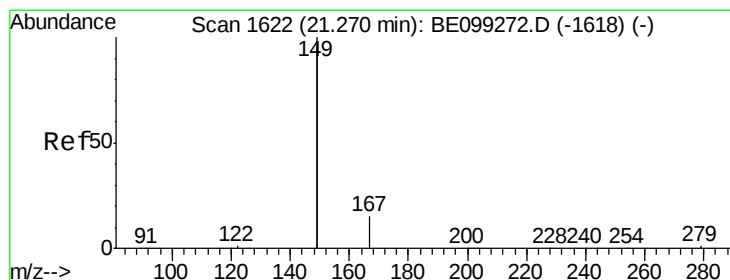
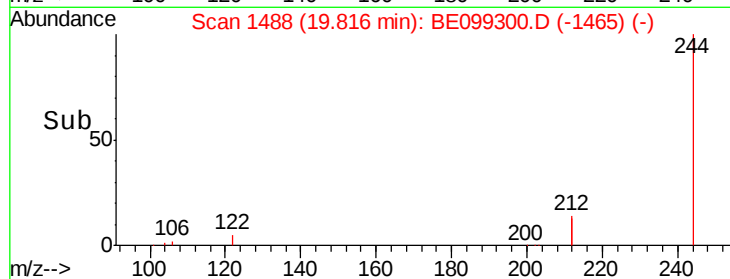
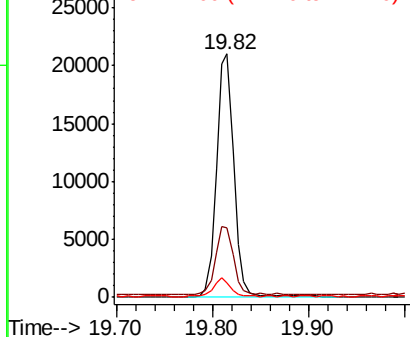
244 100

212 28.4 22.7 34.1

122 5.8 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: 0.145 ng

RT: 21.27 min Scan# 1622

Delta R.T. -0.02 min

Lab File: BE099300.D

Acq: 4 Apr 2019 21:22

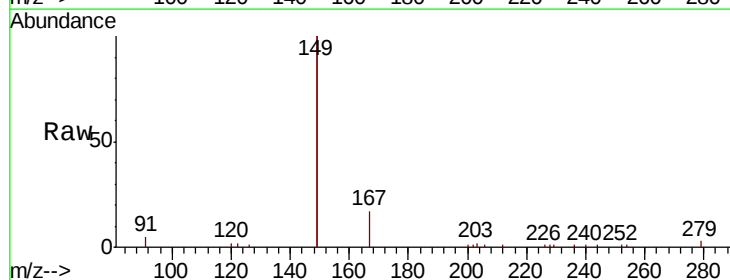
Tgt Ion:149 Resp: 19602

Ion Ratio Lower Upper

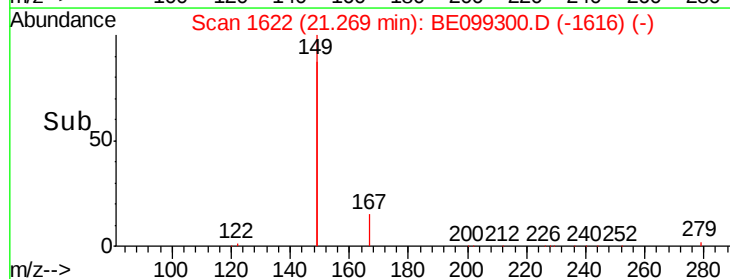
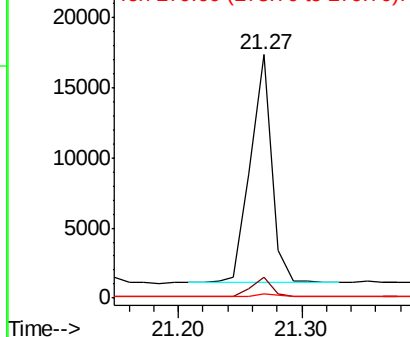
149 100

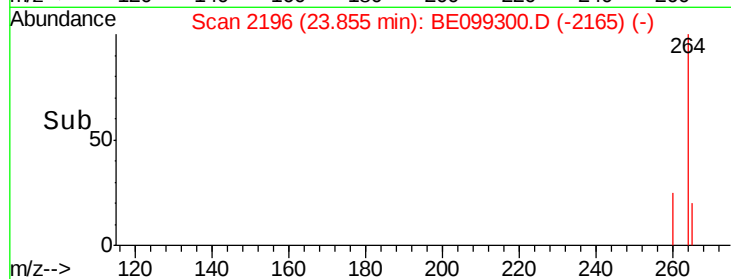
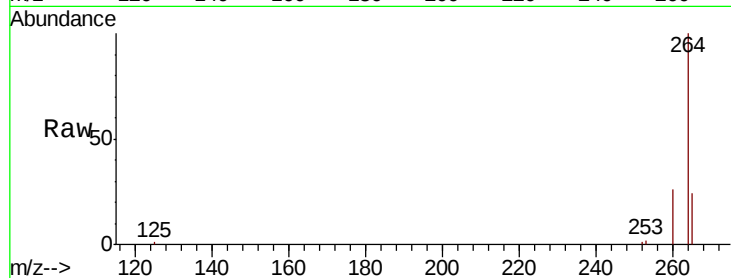
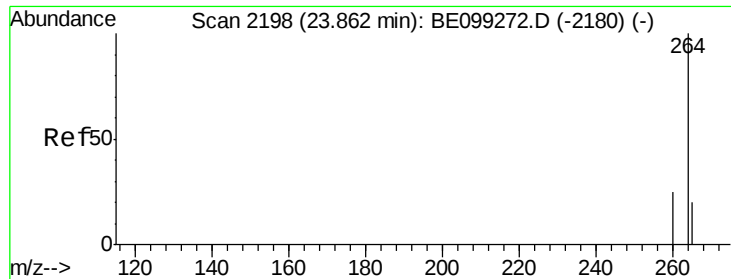
167 8.4 5.9 8.9

279 1.5 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# 2196

Delta R.T. -0.04 min

Lab File: BE099300.D

Acq: 4 Apr 2019 21:22

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-190402

Tgt Ion: 264 Resp: 34727

Ion Ratio Lower Upper

264 100

260 25.7 18.2 27.2

265 24.5 21.8 32.8

