

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032519\
 Data File : BE099213.D
 Acq On : 26 Mar 2019 13:03
 Operator : JU/SJ
 Sample : K2019-03RE
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-190319

Quant Time: Mar 26 13:38:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 07:02:06 2019
 Response via : Initial Calibration

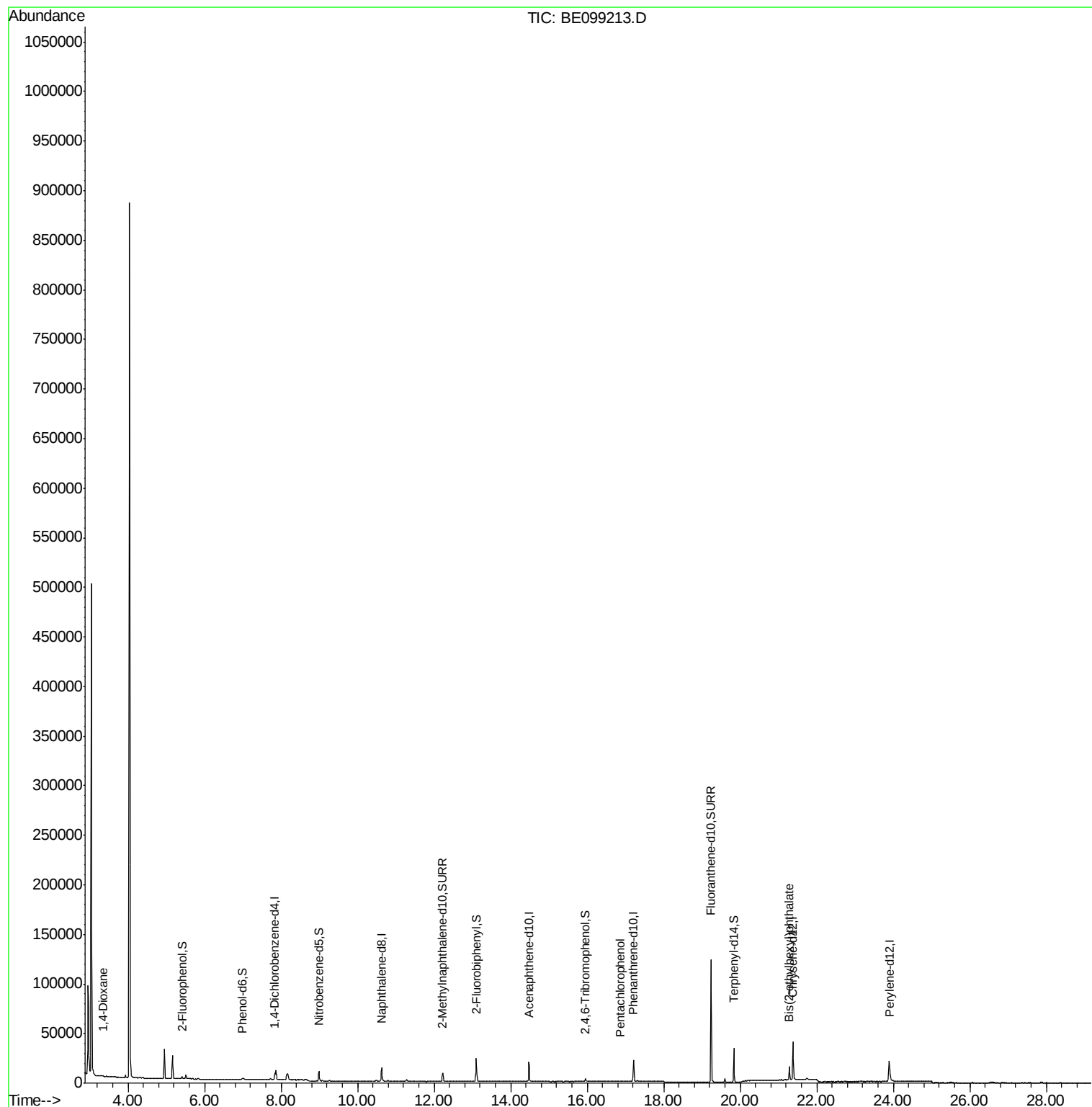
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	3529	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	15794	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	12969	0.40	ng	-0.02
19) Phenanthrene-d10	17.20	188	35713	0.40	ng	-0.01
27) Chrysene-d12	21.38	240	40874	0.40	ng	-0.01
34) Perylene-d12	23.89	264	38821	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	1594	0.15	ng	0.00
5) Phenol-d6	6.99	99	1359	0.08	ng	0.00
8) Nitrobenzene-d5	8.99	82	4746	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	11119	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	1773	0.47	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	19578	0.37	ng	0.00
25) Fluoranthene-d10	19.24	212	163846	0.38	ng	0.00
29) Terphenyl-d14	19.83	244	32090	0.36	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.34	88	284	0.061	ng	Qvalue # 30
22) Pentachlorophenol	16.85	266	74	0.262	ng	93
32) Bis(2-ethylhexyl)phthalate	21.28	149	15993	0.099	ng	99

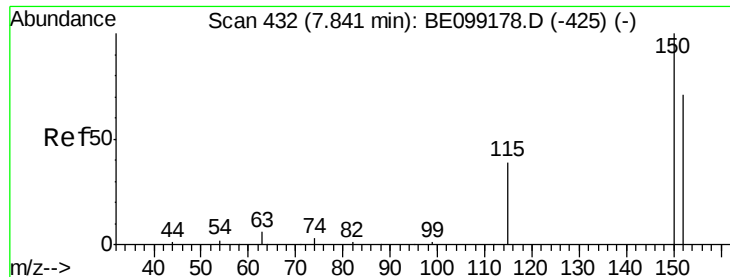
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.84 min Scan# 432

Delta R.T. -0.00 min

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BNA_E

ClientSampleId :

OUTFALL001-190319

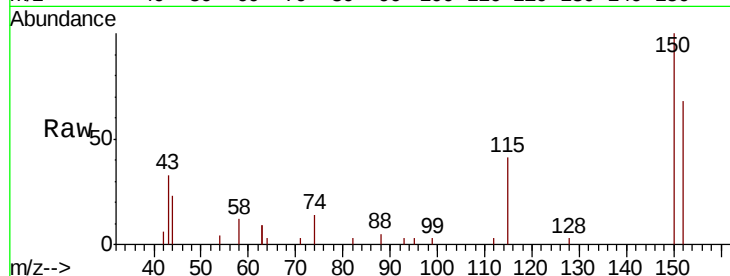
Tot Ion:152 Resp: 3529

Ion Ratio Lower Upper

152 100

150 146.0 112.8 169.2

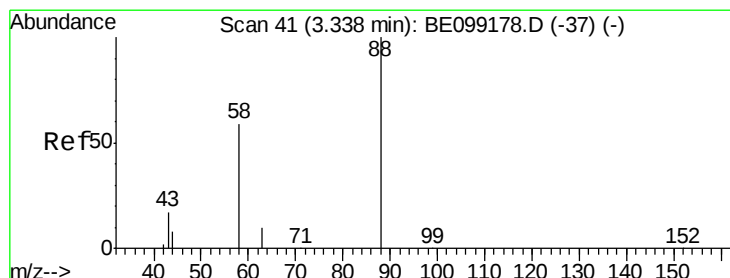
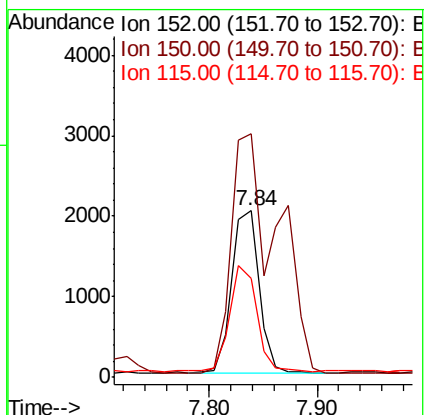
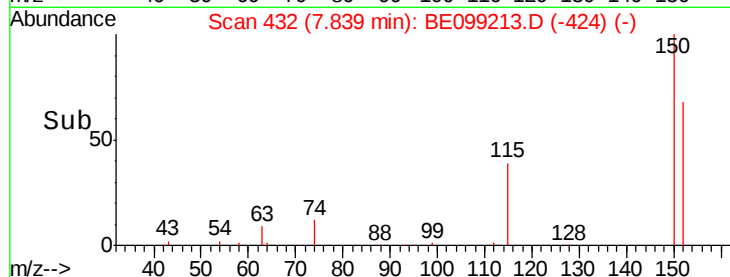
115 59.5 45.1 67.7



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: 0.061 ng

RT: 3.34 min Scan# 41

Delta R.T. -0.00 min

Lab File: BE099213.D

Acq: 26 Mar 2019 13:03

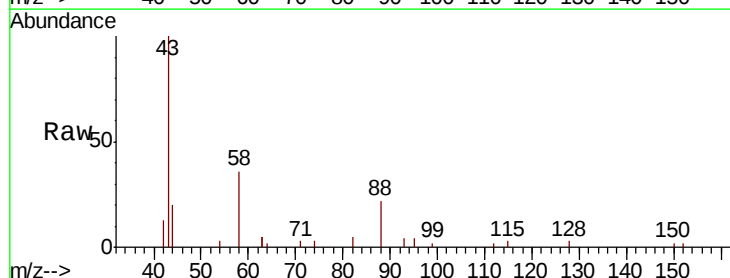
Tgt Ion: 88 Resp: 284

Ion Ratio Lower Upper

88 100

58 0.0 47.4 71.0#

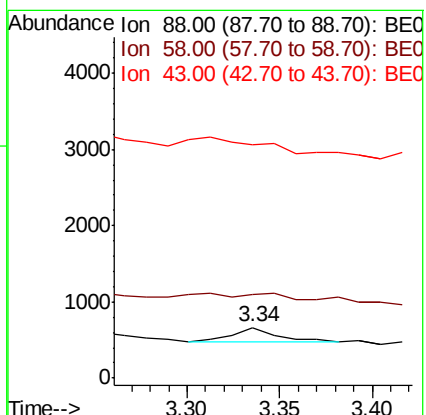
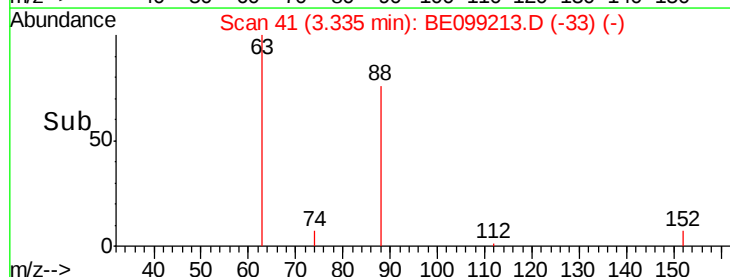
43 0.0 15.6 23.4#

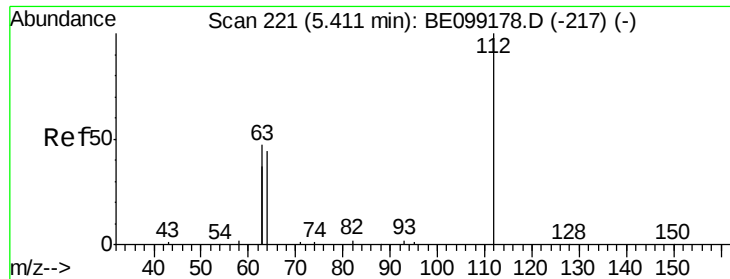


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.151 ng

RT: 5.41 min Scan# 221

Delta R.T. -0.00 min

Lab File: BE099213.D

Acq: 26 Mar 2019 13:03

Instrument :

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OUTFALL001-190319

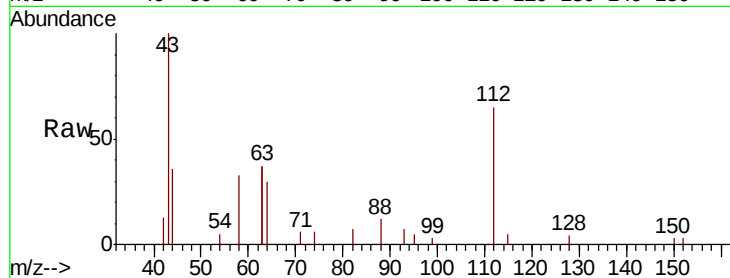
Tot Ion:112 Resp: 1594

Ion Ratio Lower Upper

112 100

64 60.4 46.2 69.2

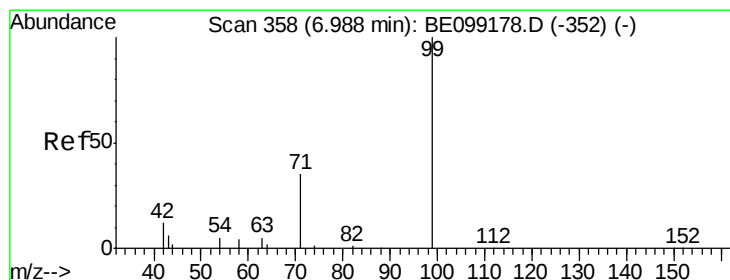
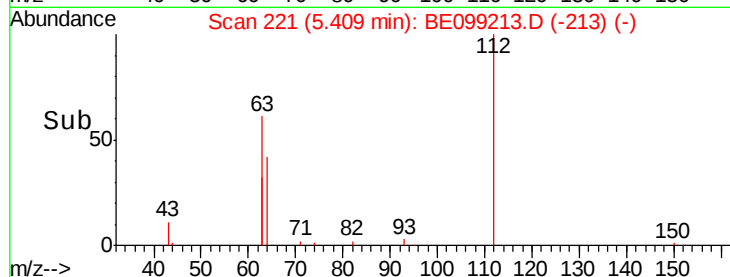
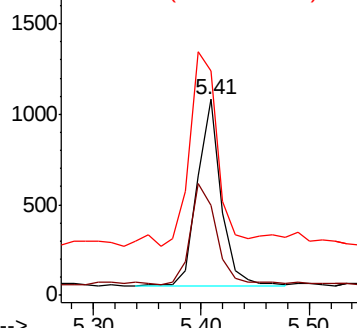
63 122.6 89.9 134.9



Abundance Ion 112.00 (111.70 to 112.70): BE099178.D (-217) (-)

Ion 64.00 (63.70 to 64.70): BE099178.D (-217) (-)

Ion 63.00 (62.70 to 63.70): BE099178.D (-217) (-)



#5

Phenol-d6

Concen: 0.084 ng

RT: 6.99 min Scan# 358

Delta R.T. -0.00 min

Lab File: BE099213.D

Acq: 26 Mar 2019 13:03

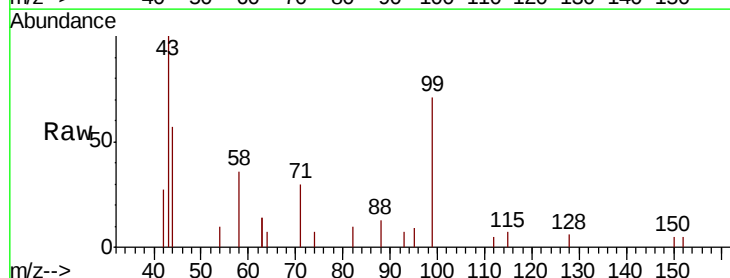
Tgt Ion: 99 Resp: 1359

Ion Ratio Lower Upper

99 100

42 23.8 12.4 18.6#

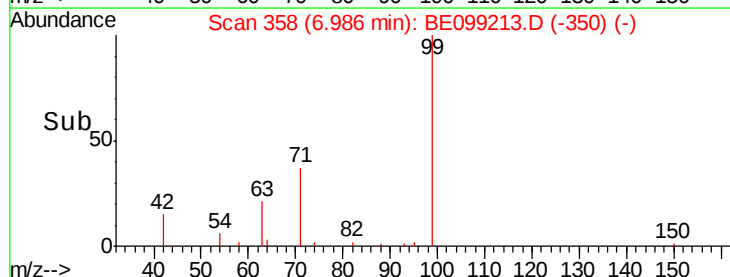
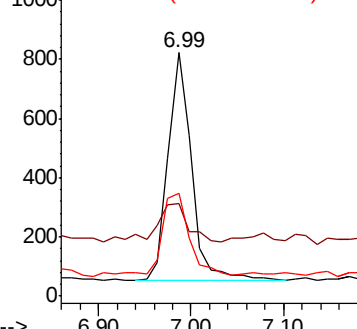
71 40.8 28.4 42.6

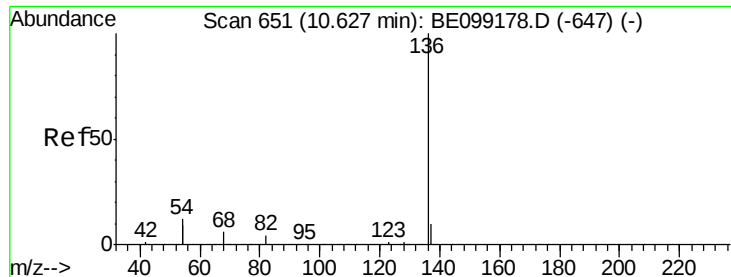


Abundance Ion 99.00 (98.70 to 99.70): BE099178.D (-352) (-)

Ion 42.00 (41.70 to 42.70): BE099178.D (-352) (-)

Ion 71.00 (70.70 to 71.70): BE099178.D (-352) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. -0.00 min

Lab File: BE099213.D

Acq: 26 Mar 2019 13:03

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-190319

Tot Ion:136 Resp: 15794

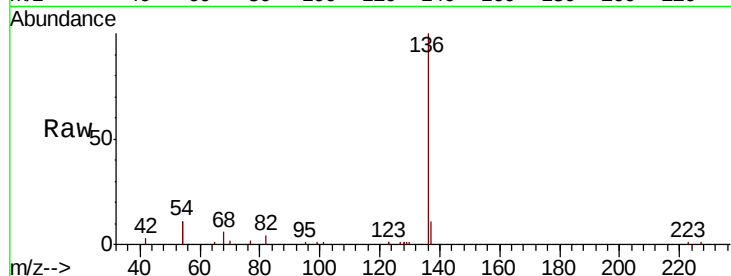
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 21.6 18.7 28.1

68 6.4 5.2 7.8

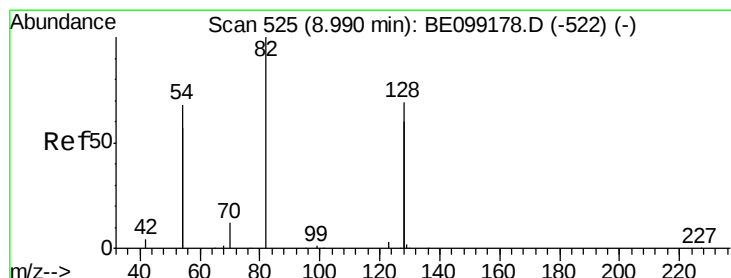
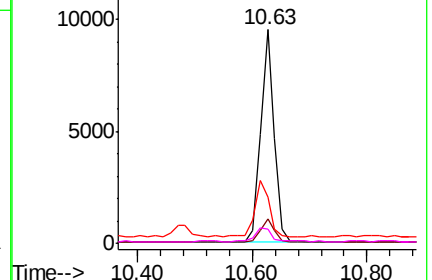
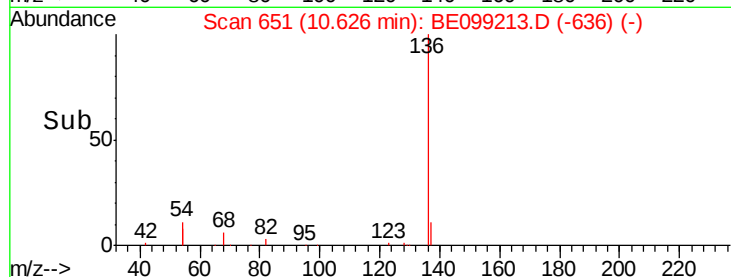


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.368 ng

RT: 8.99 min Scan# 525

Delta R.T. -0.00 min

Lab File: BE099213.D

Acq: 26 Mar 2019 13:03

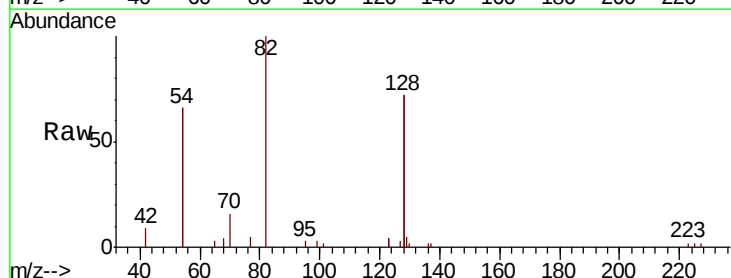
Tgt Ion: 82 Resp: 4746

Ion Ratio Lower Upper

82 100

128 143.2 107.5 161.3

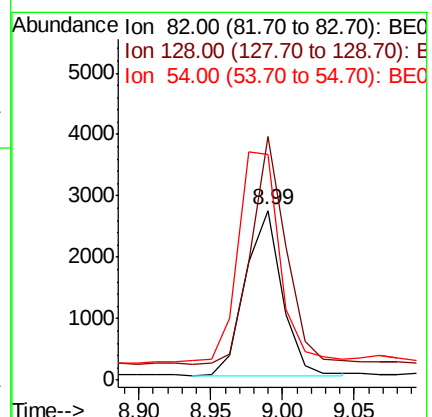
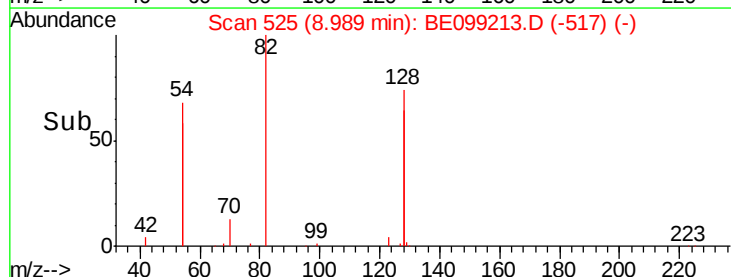
54 132.8 106.3 159.5

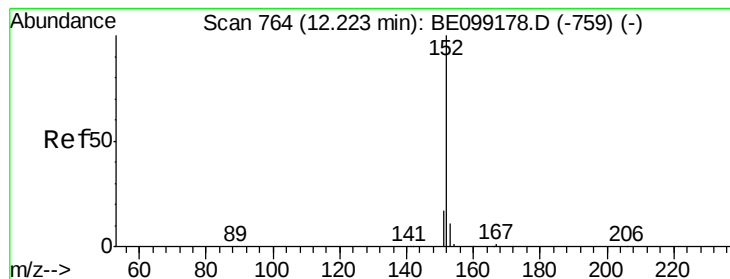


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.365 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.00 min

Lab File: BE099213.D

Acq: 26 Mar 2019 13:03

Instrument :

BNA_E

ClientSampleId :

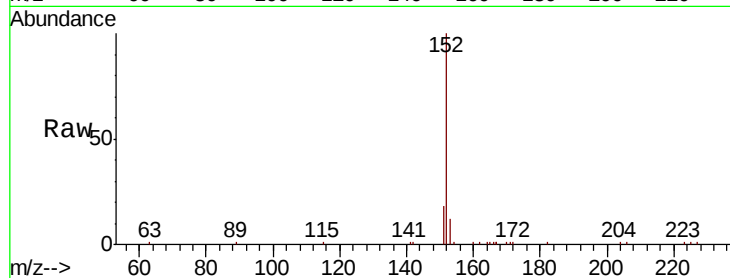
OUTFALL001-190319

Tot Ion:152 Resp: 11119

Ion Ratio Lower Upper

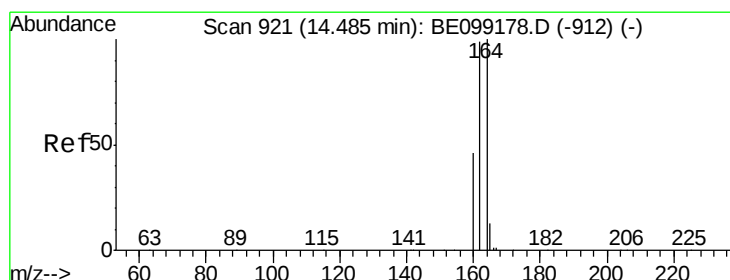
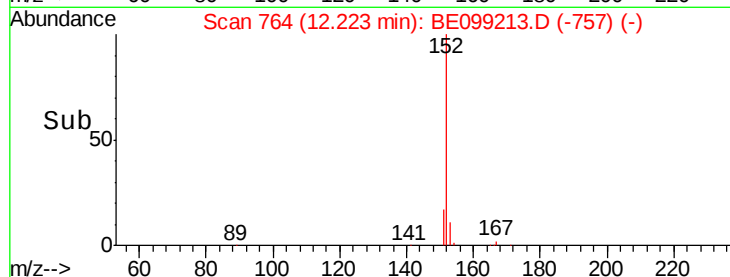
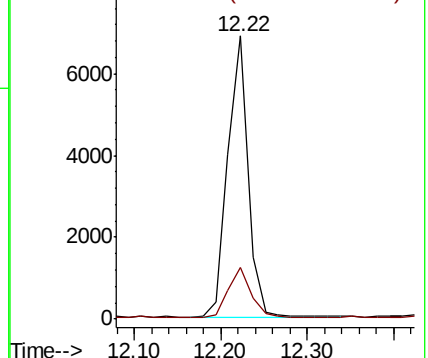
152 100

151 19.2 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: 14.47 min Scan# 920

Delta R.T. -0.02 min

Lab File: BE099213.D

Acq: 26 Mar 2019 13:03

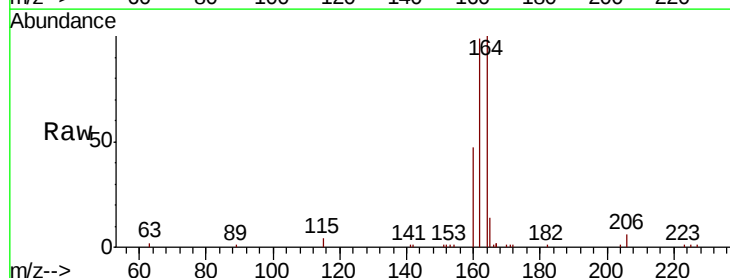
Tgt Ion:164 Resp: 12969

Ion Ratio Lower Upper

164 100

162 98.7 79.2 118.8

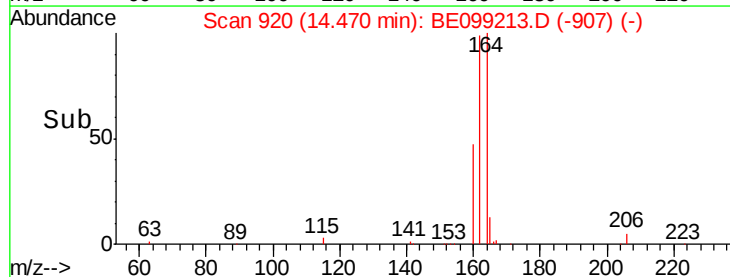
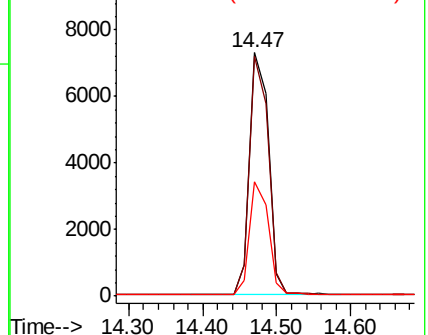
160 47.2 36.7 55.1

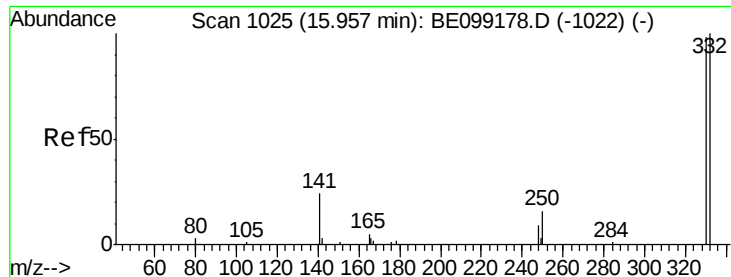


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

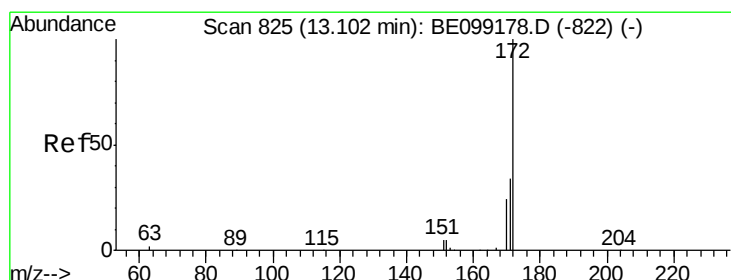
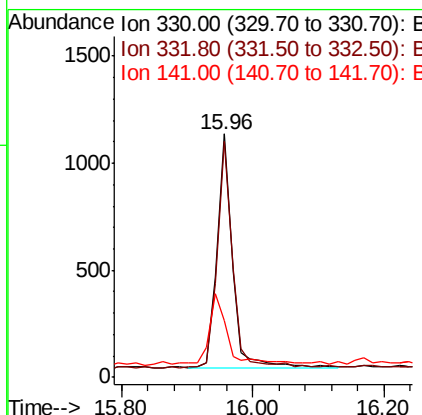
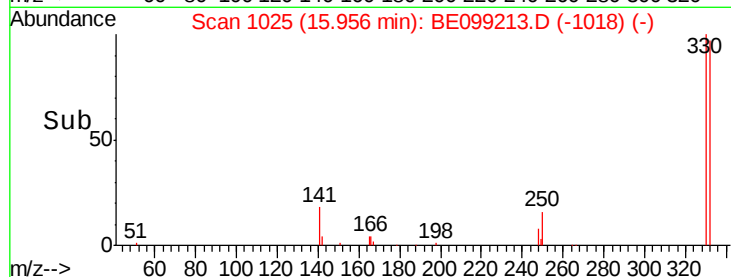
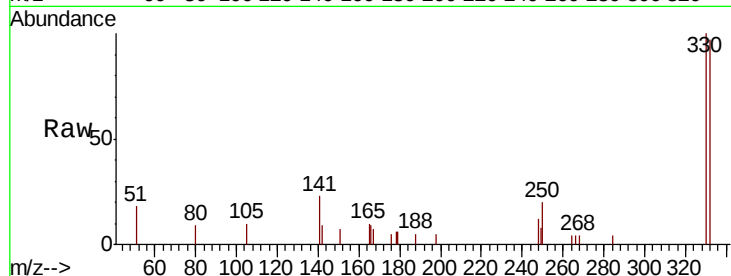




#14
 2,4,6-Tribromophenol
 Concen: 0.469 ng
 RT: 15.96 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BE099213.D
 Acq: 26 Mar 2019 13:03

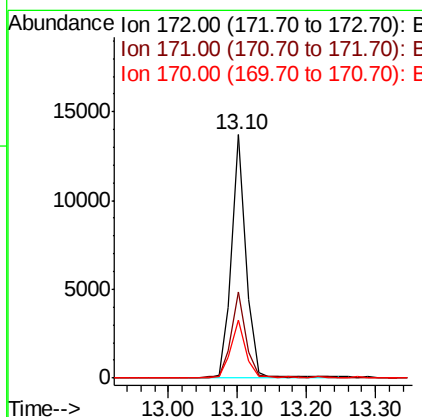
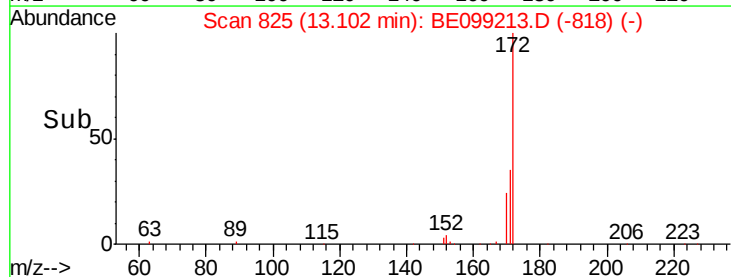
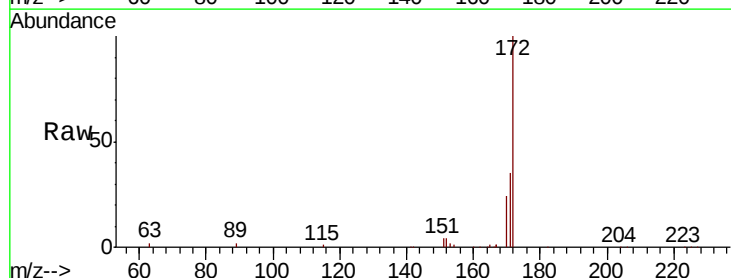
Instrument :
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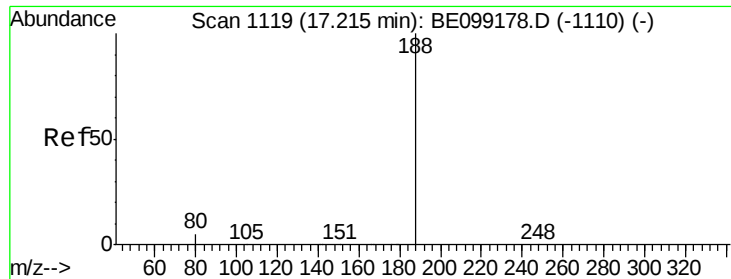
Tot Ion:330 Resp: 1773
 Ion Ratio Lower Upper
 330 100
 332 96.7 71.3 106.9
 141 34.9 21.7 32.5#



#15
 2-Fluorobiphenyl
 Concen: 0.370 ng
 RT: 13.10 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BE099213.D
 Acq: 26 Mar 2019 13:03

Tgt Ion:172 Resp: 19578
 Ion Ratio Lower Upper
 172 100
 171 35.3 27.4 41.0
 170 23.9 19.1 28.7





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.20 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BE099213.D

Acq: 26 Mar 2019 13:03

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-190319

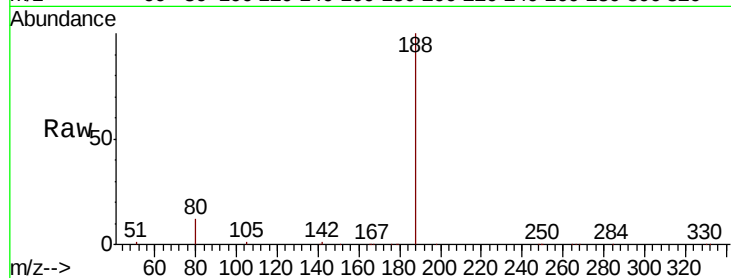
Tot Ion:188 Resp: 35713

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

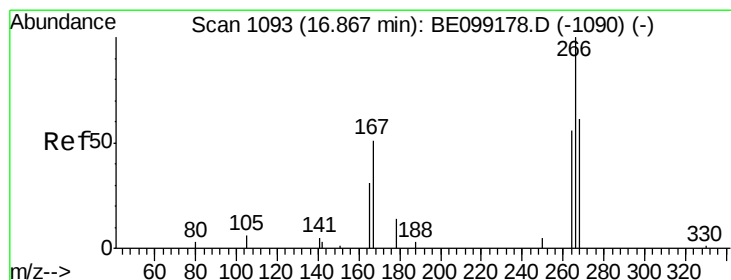
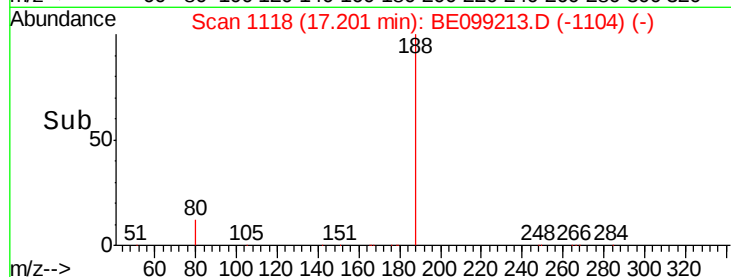
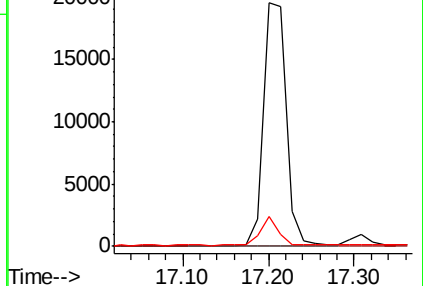
80 12.1 4.5 6.7#



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



#22

Pentachlorophenol

Concen: 0.262 ng

RT: 16.85 min Scan# 1092

Delta R.T. -0.01 min

Lab File: BE099213.D

Acq: 26 Mar 2019 13:03

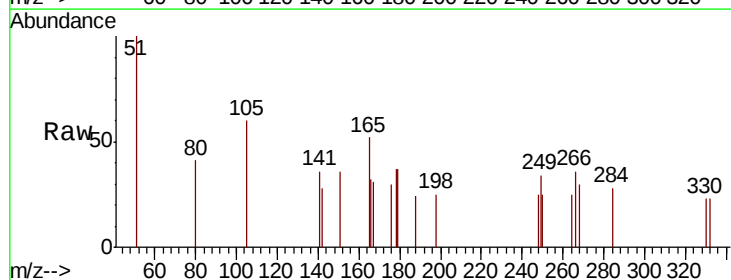
Tgt Ion:266 Resp: 74

Ion Ratio Lower Upper

266 100

264 71.2 54.4 81.6

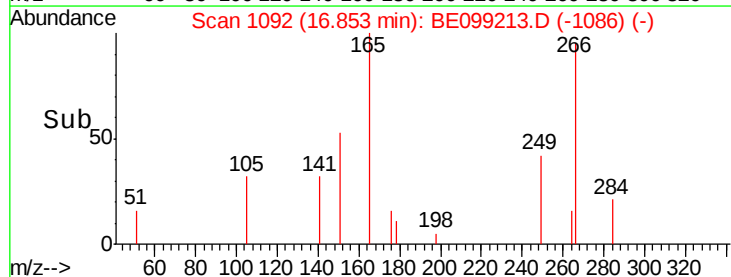
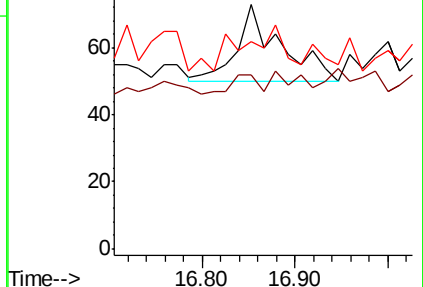
268 84.9 61.3 91.9

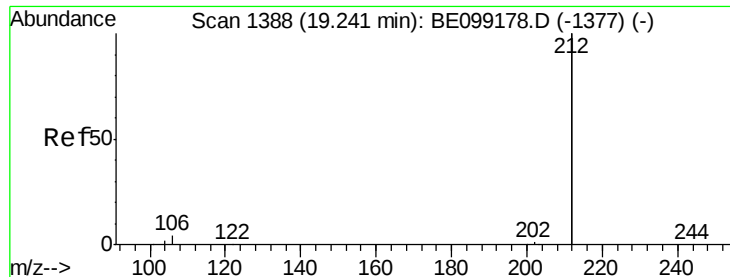


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.379 ng

RT: 19.24 min Scan# 1387

Delta R.T. -0.00 min

Lab File: BE099213.D

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Instrument :

BNA_E

ClientSampleId :

OUTFALL001-190319

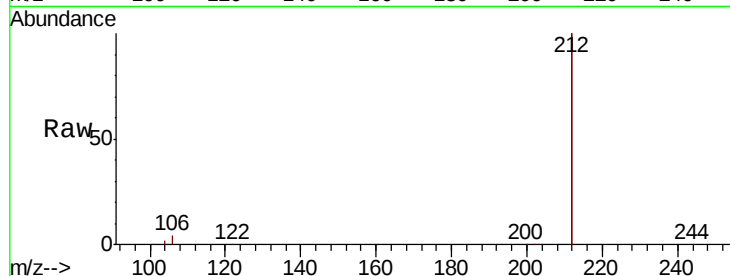
Tot Ion:212 Resp: 163846

Ion Ratio Lower Upper

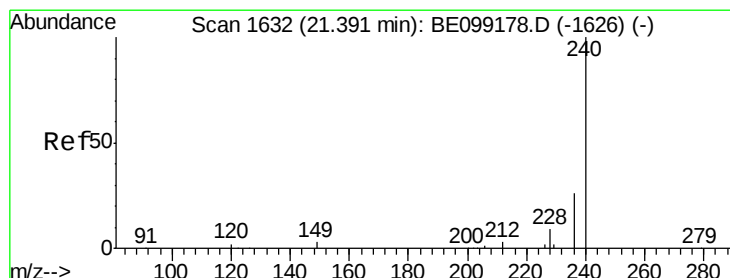
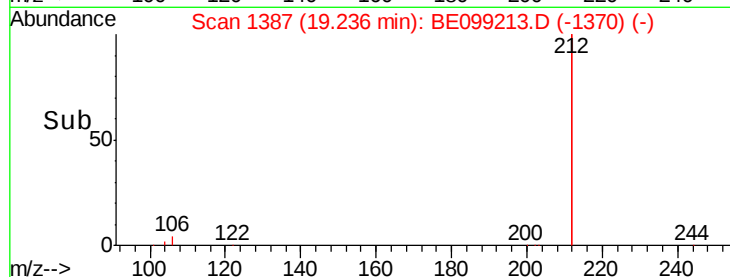
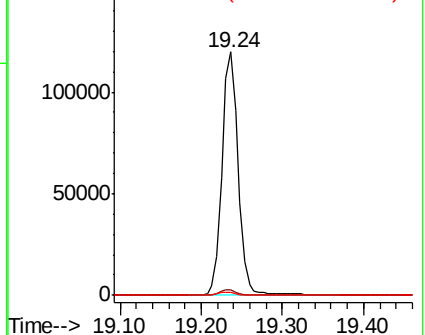
212 100

106 2.2 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: 21.38 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BE099213.D

Acq: 26 Mar 2019 13:03

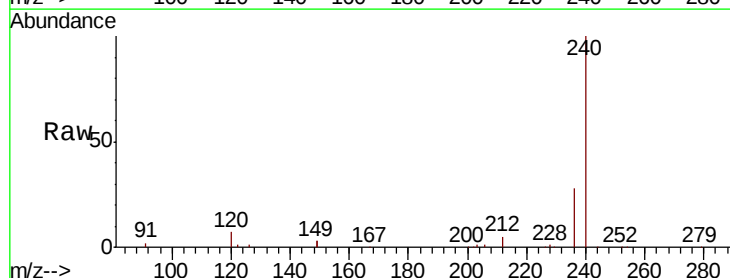
Tgt Ion:240 Resp: 40874

Ion Ratio Lower Upper

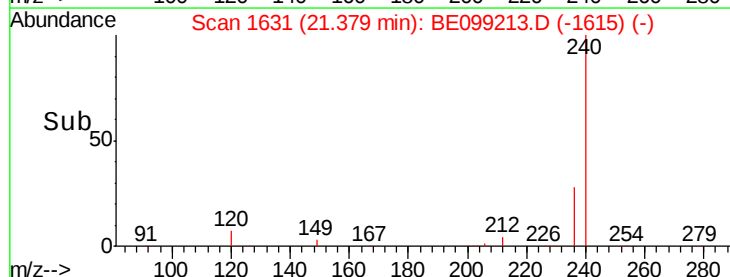
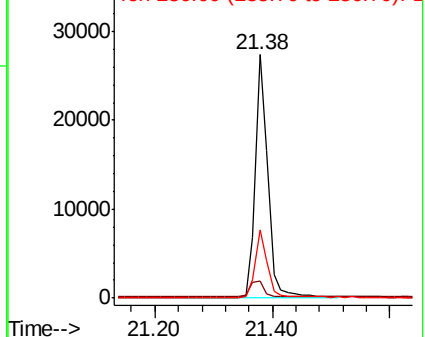
240 100

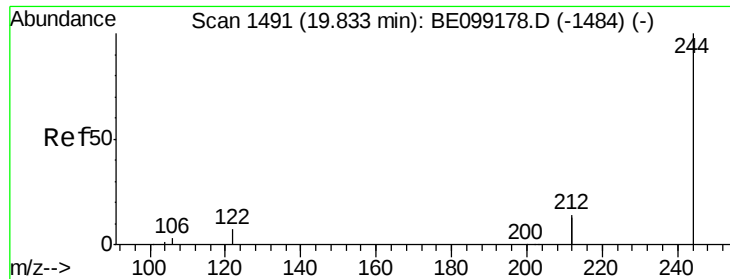
120 7.0 2.6 3.8#

236 27.9 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: 0.361 ng

RT: 19.83 min Scan# 1491

Delta R.T. 0.00 min

Lab File: BE099213.D

Acq: 26 Mar 2019 13:03

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-190319

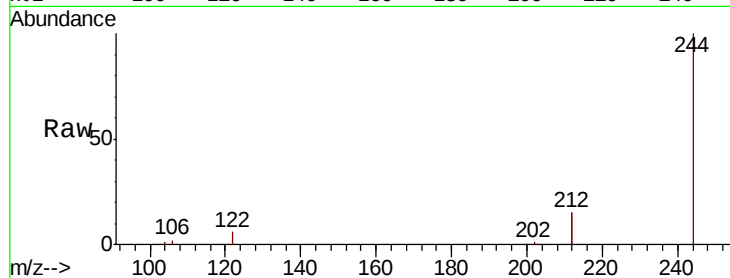
Tot Ion:244 Resp: 32090

Ion Ratio Lower Upper

244 100

212 29.2 22.7 34.1

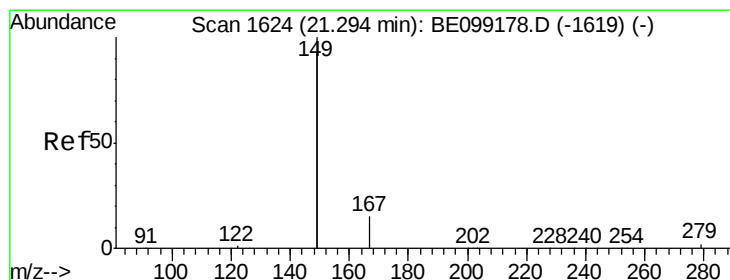
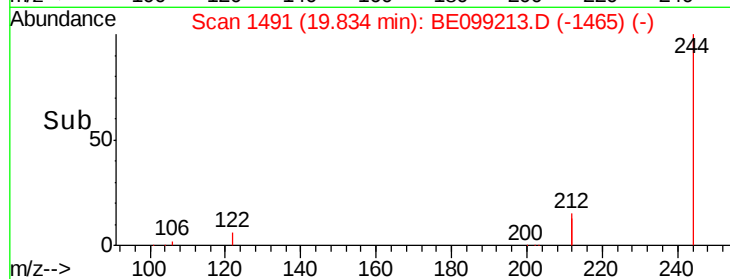
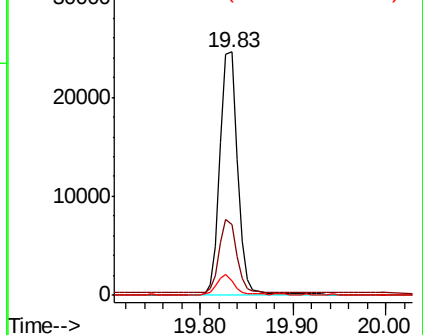
122 6.0 5.8 8.6



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: 0.099 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE099213.D

Acq: 26 Mar 2019 13:03

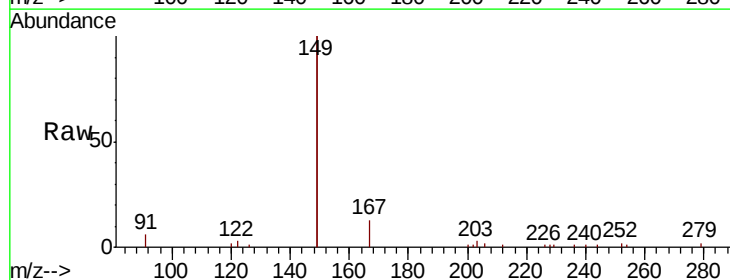
Tgt Ion:149 Resp: 15993

Ion Ratio Lower Upper

149 100

167 7.2 5.9 8.9

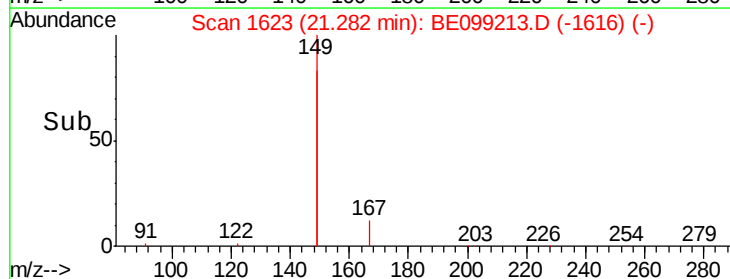
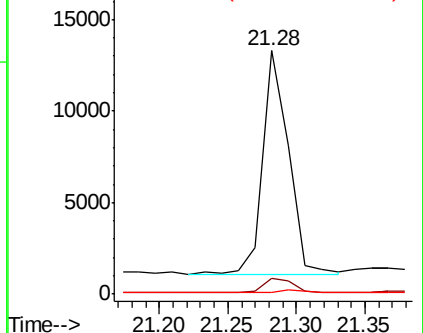
279 1.3 1.0 1.6

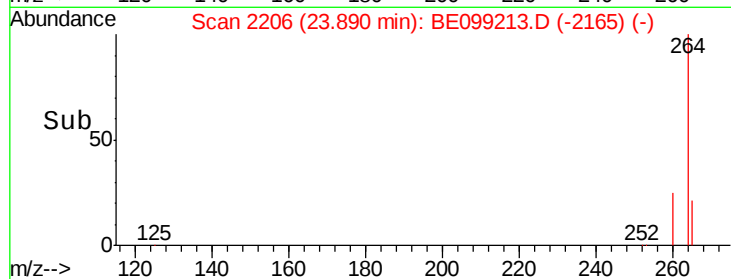
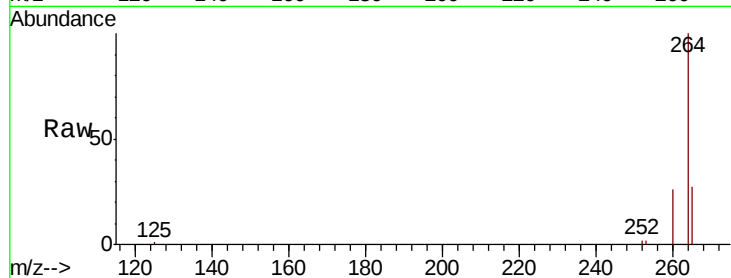
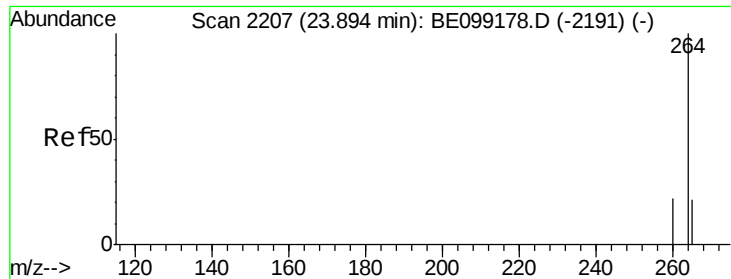


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.89 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BE099213.D

Acq: 26 Mar 2019 13:03

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-190319

Tot Ion:264 Resp: 38821

Ion Ratio Lower Upper

264 100

260 25.5 18.2 27.2

265 26.9 21.8 32.8

