

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050919\
 Data File : BE099593.D
 Acq On : 9 May 2019 17:45
 Operator : JU/SJ
 Sample : K2675-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-WK-1

Quant Time: May 10 07:04:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE050919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 09 13:32:58 2019
 Response via : Initial Calibration

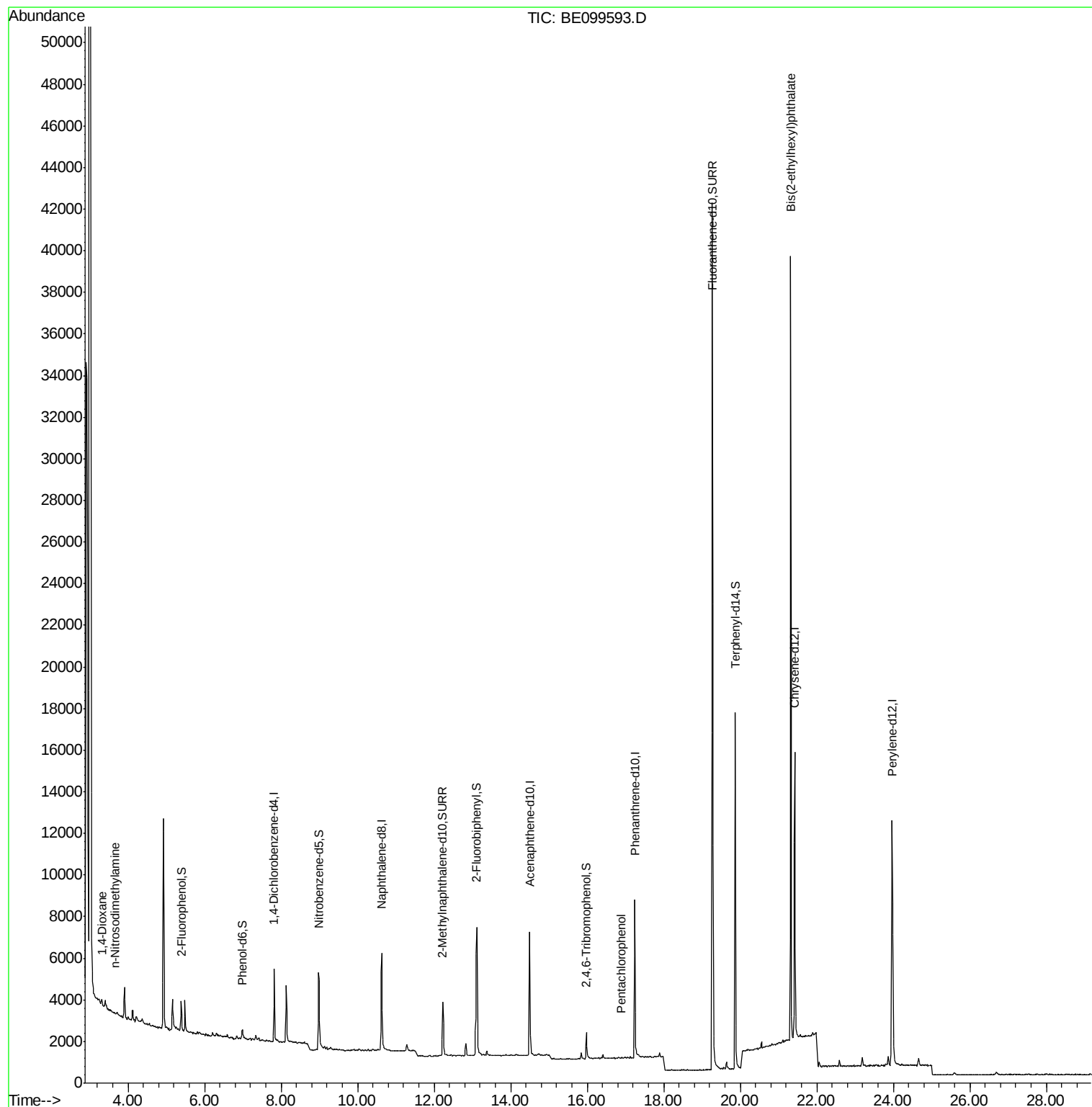
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1865	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	6632	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	4328	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	12521	0.40	ng	0.00
27) Chrysene-d12	21.43	240	16175	0.40	ng	0.00
34) Perylene-d12	23.97	264	19141	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	871	0.17	ng	0.00
5) Phenol-d6	6.99	99	634	0.09	ng	0.00
8) Nitrobenzene-d5	8.98	82	2097	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	3862	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	888	0.35	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	6963	0.42	ng	0.00
25) Fluoranthene-d10	19.27	212	61404	0.37	ng	0.00
29) Terphenyl-d14	19.87	244	15777	0.55	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.31	88	253	0.096	ng	Qvalue # 34
3) n-Nitrosodimethylamine	3.65	42	48	0.029	ng	# 1
22) Pentachlorophenol	16.89	266	44	0.260	ng	# 68
32) Bis(2-ethylhexyl)phthalate	21.32	149	41639	0.587	ng	100

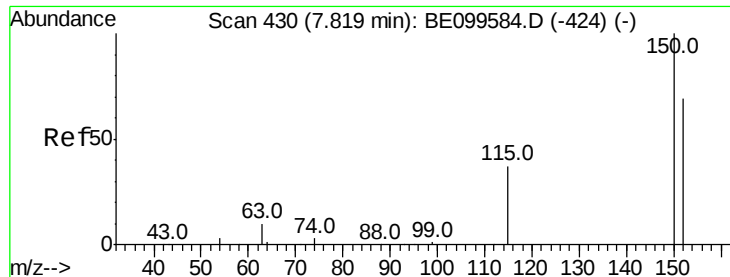
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. -0.00 min

Lab File: BE099593.D

Acq: 9 May 2019 17:45

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-WK-1

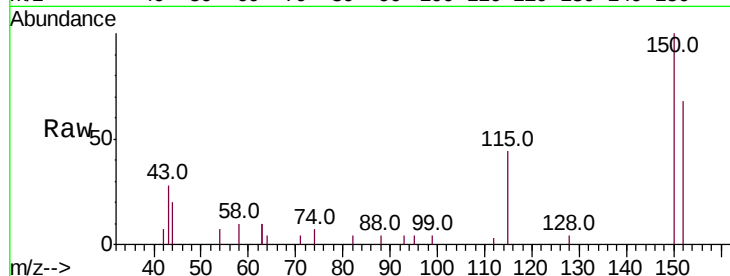
Tot Ion:152 Resp: 1865

Ion Ratio Lower Upper

152 100

150 147.8 114.2 171.4

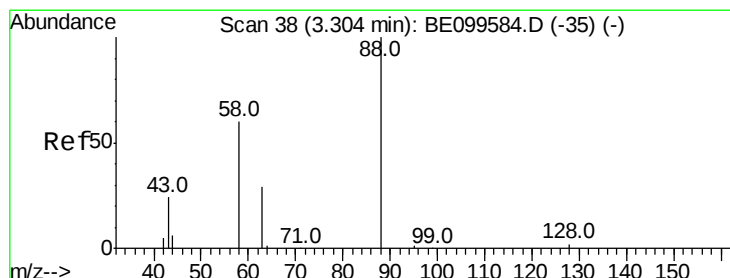
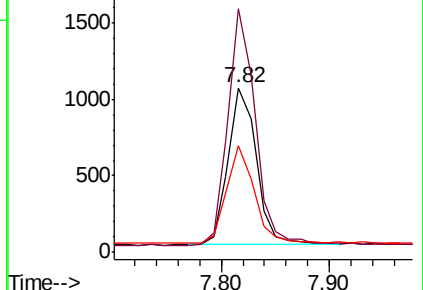
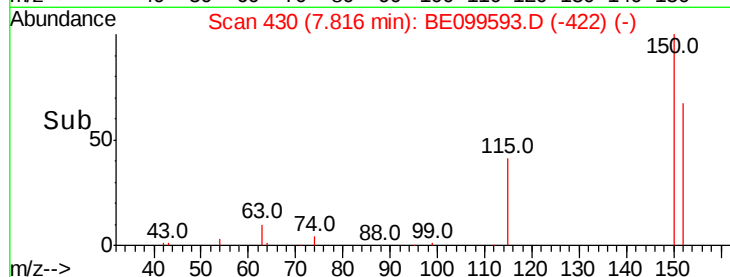
115 64.7 45.4 68.0



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: 0.096 ng

RT: 3.31 min Scan# 39

Delta R.T. 0.01 min

Lab File: BE099593.D

Acq: 9 May 2019 17:45

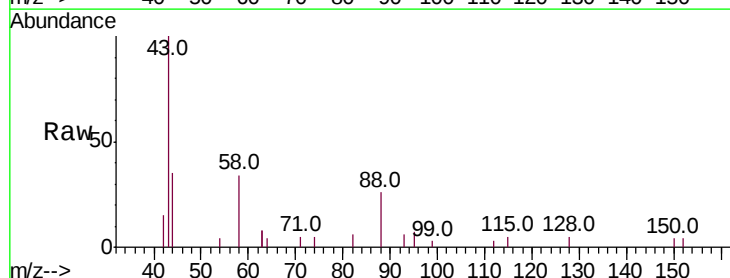
Tgt Ion: 88 Resp: 253

Ion Ratio Lower Upper

88 100

58 0.0 41.3 61.9#

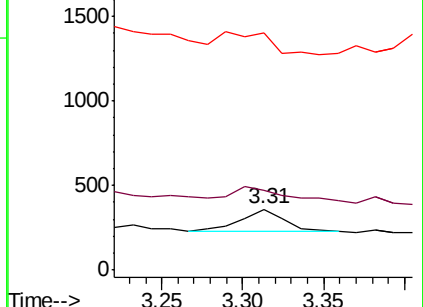
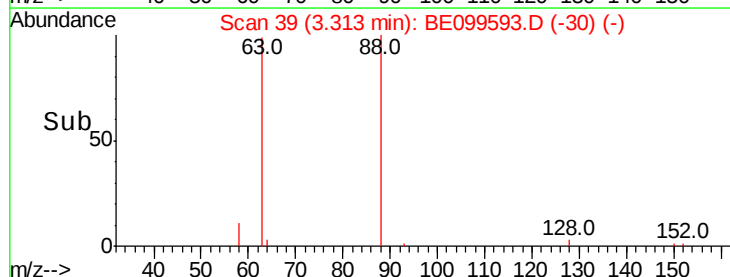
43 0.0 21.0 31.6#

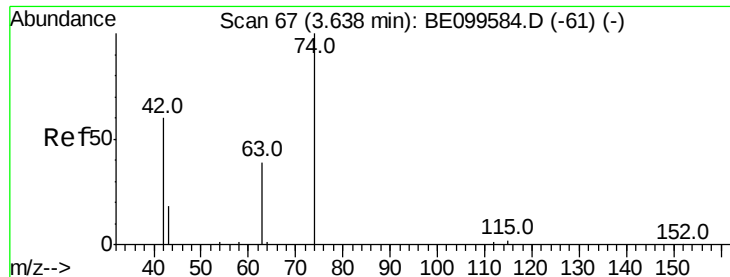


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



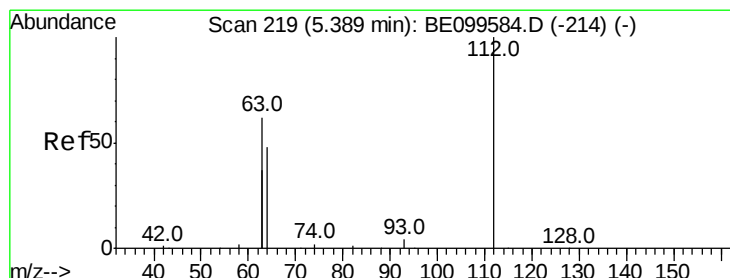
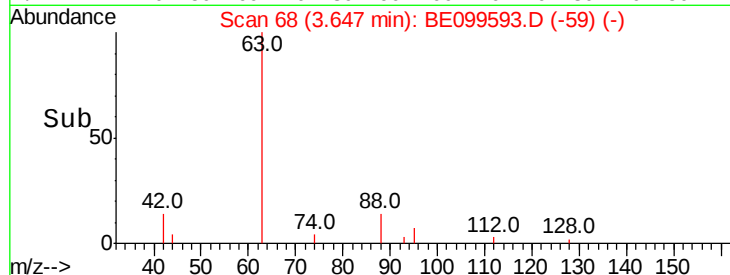
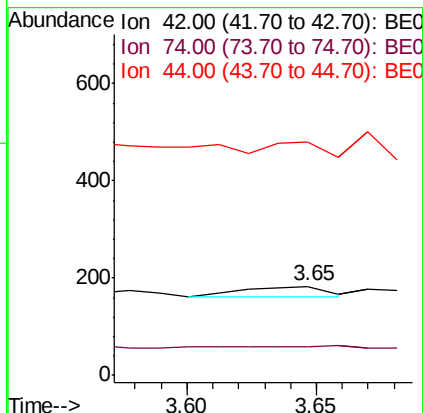
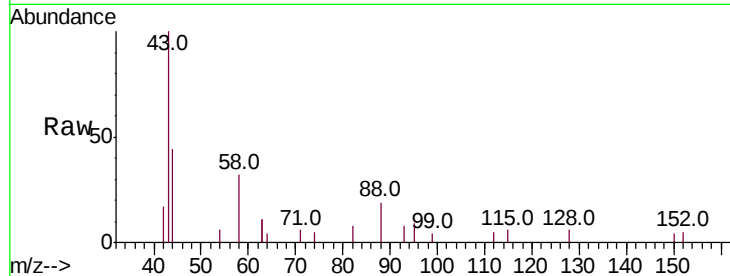


#3

n-Nitrosodimethylamine
 Concen: 0.029 ng
 RT: 3.65 min Scan# 68
 Delta R.T. 0.01 min
 Lab File: BE099593.D
 Acq: 9 May 2019 17:45

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-WK-1

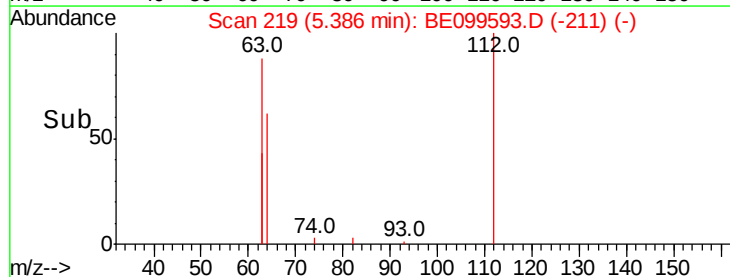
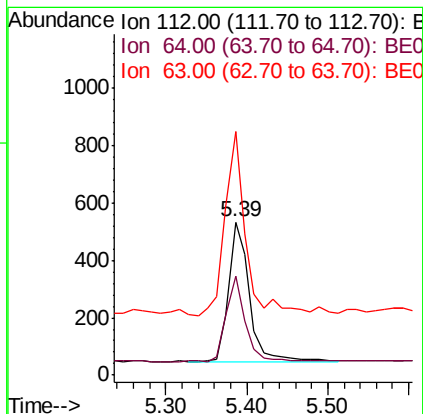
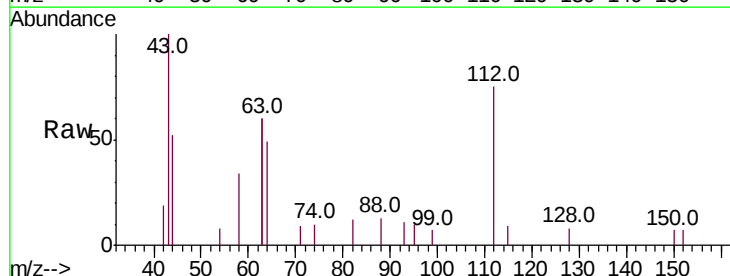
Tot Ion: 42 Resp: 48
 Ion Ratio Lower Upper
 42 100
 74 0.0 136.9 205.3#
 44 83.3 7.1 10.7#

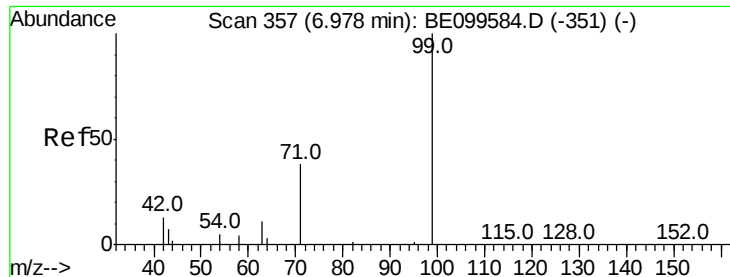


#4

2-Fluorophenol
 Concen: 0.171 ng
 RT: 5.39 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: BE099593.D
 Acq: 9 May 2019 17:45

Tgt Ion: 112 Resp: 871
 Ion Ratio Lower Upper
 112 100
 64 57.6 46.2 69.4
 63 131.1 100.2 150.4





#5

Phenol-d6

Concen: 0.095 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.01 min

Lab File: BE099593.D

Acq: 9 May 2019 17:45

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-WK-1

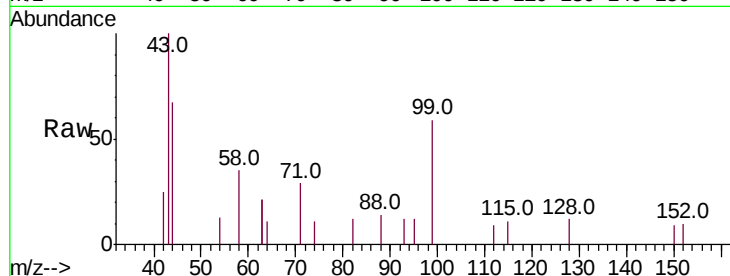
Tot Ion: 99 Resp: 634

Ion Ratio Lower Upper

99 100

42 26.7 13.8 20.8#

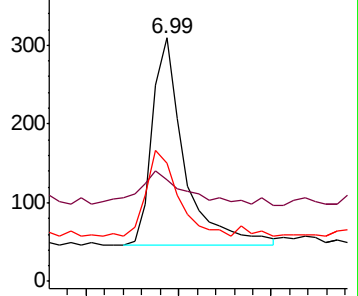
71 41.8 32.2 48.4



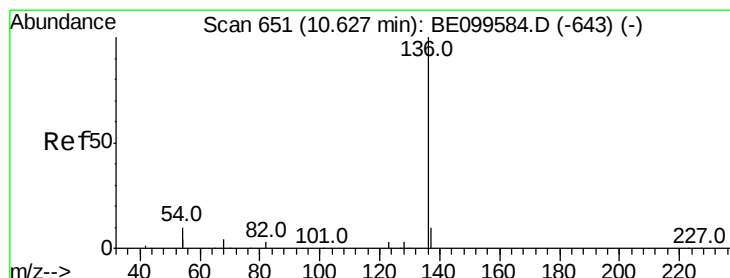
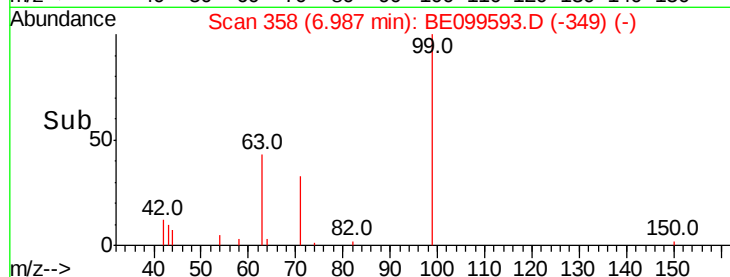
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. 0.00 min

Lab File: BE099593.D

Acq: 9 May 2019 17:45

Tgt Ion: 136 Resp: 6632

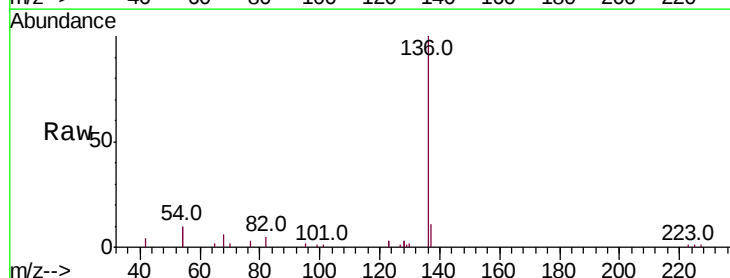
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 20.8 16.5 24.7

68 5.7 4.5 6.7

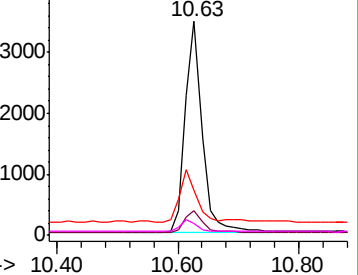


Abundance Ion 136.00 (135.70 to 136.70): E

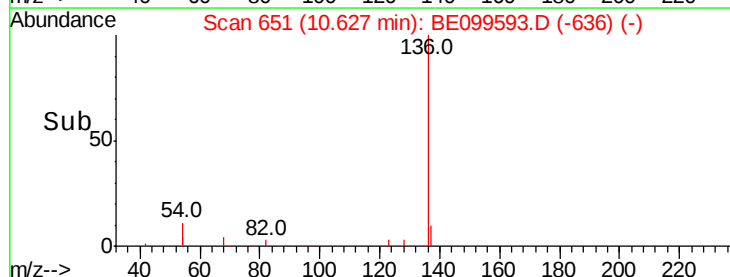
Ion 137.00 (136.70 to 137.70): E

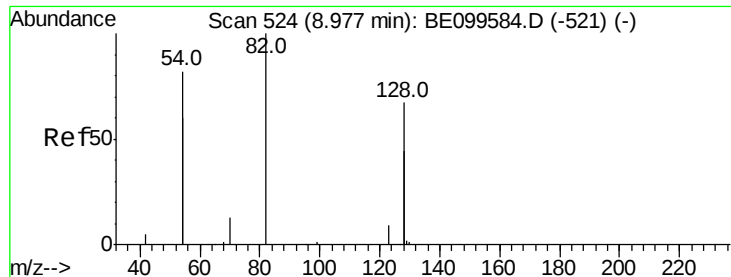
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->





#8

Nitrobenzene-d5

Concen: 0.337 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE099593.D

Acq: 9 May 2019 17:45

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-WK-1

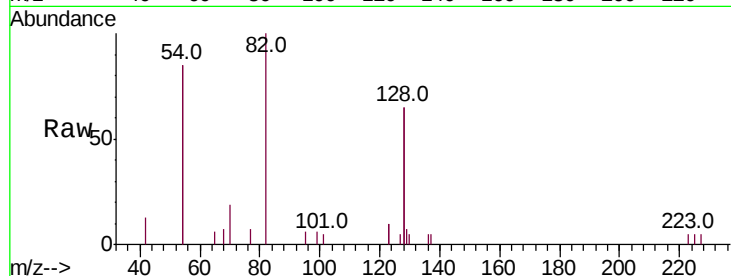
Tot Ion: 82 Resp: 2097

Ion Ratio Lower Upper

82 100

128 129.2 101.5 152.3

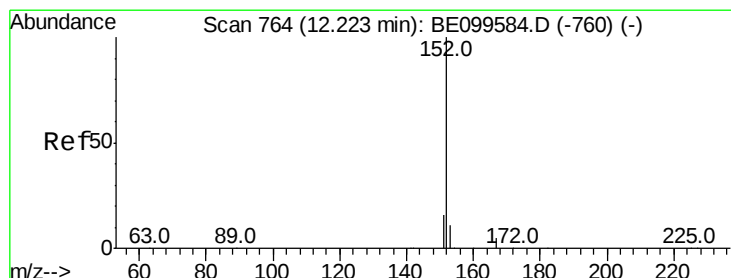
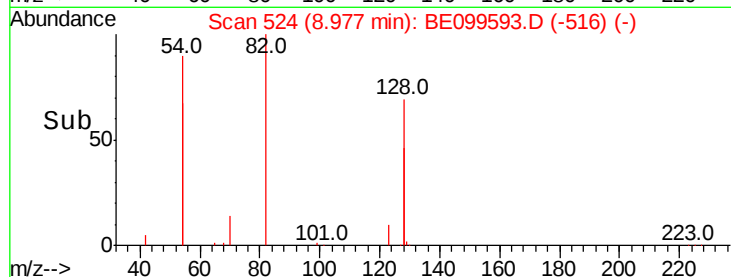
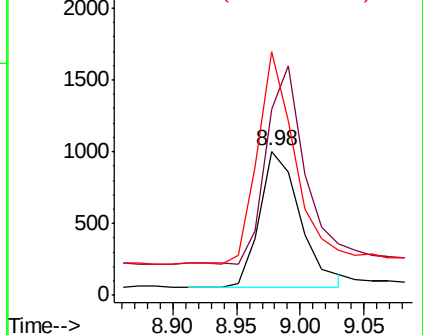
54 169.1 123.8 185.6



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: 0.348 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE099593.D

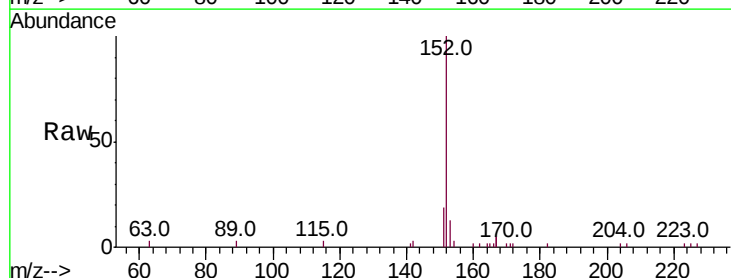
Acq: 9 May 2019 17:45

Tgt Ion: 152 Resp: 3862

Ion Ratio Lower Upper

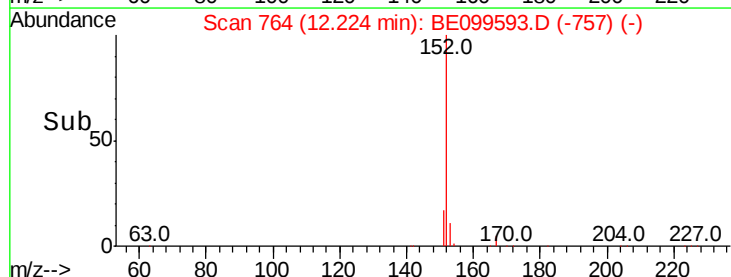
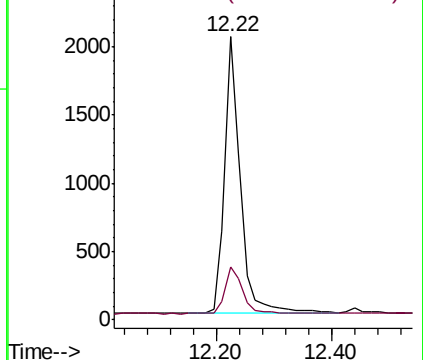
152 100

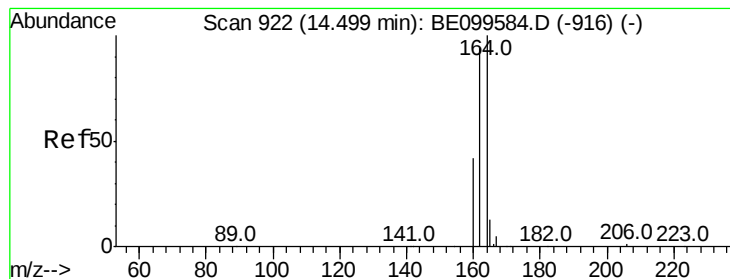
151 18.9 16.2 24.2



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: 14.50 min Scan# 922

Delta R.T. 0.00 min

Lab File: BE099593.D

Acq: 9 May 2019 17:45

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-WK-1

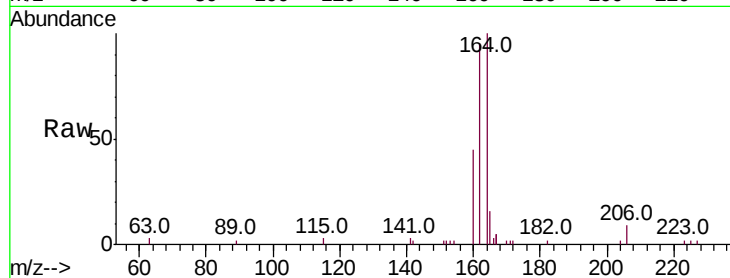
Tot Ion:164 Resp: 4328

Ion Ratio Lower Upper

164 100

162 95.1 75.3 112.9

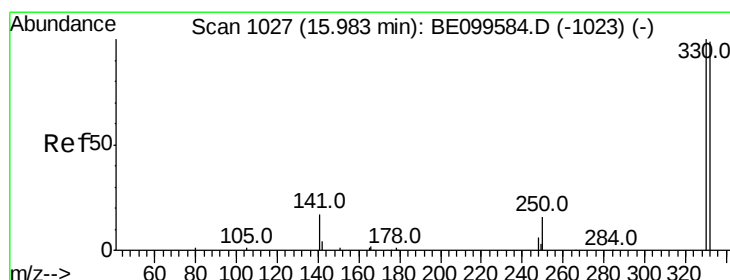
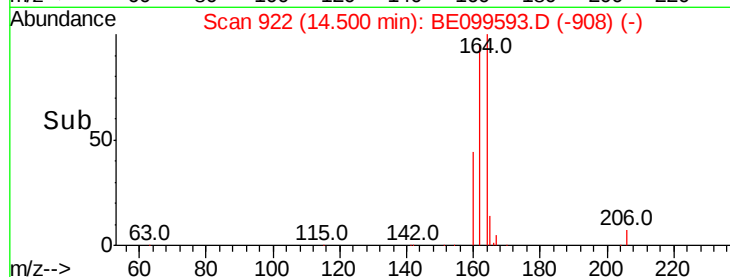
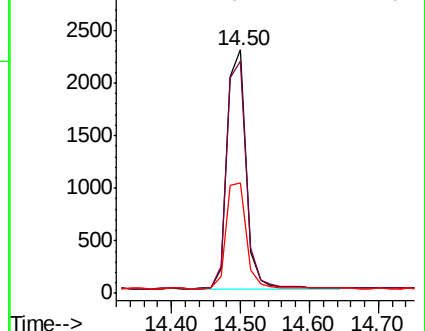
160 45.3 34.7 52.1



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: 0.346 ng

RT: 15.98 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BE099593.D

Acq: 9 May 2019 17:45

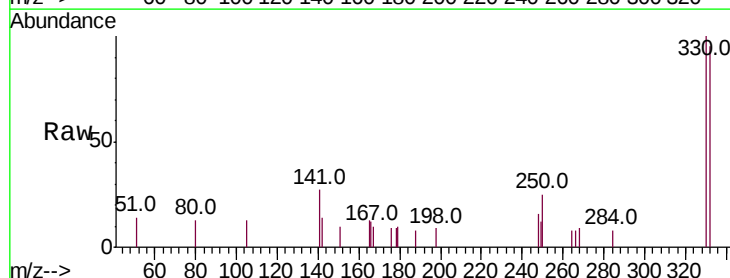
Tgt Ion:330 Resp: 888

Ion Ratio Lower Upper

330 100

332 99.0 78.7 118.1

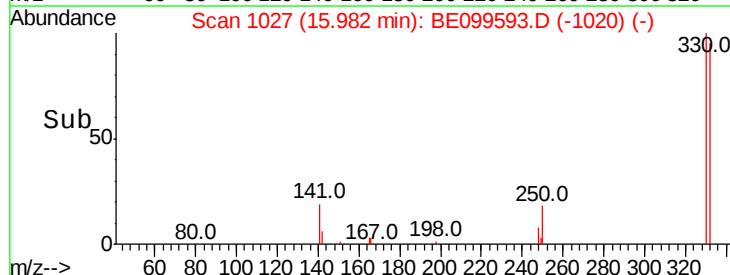
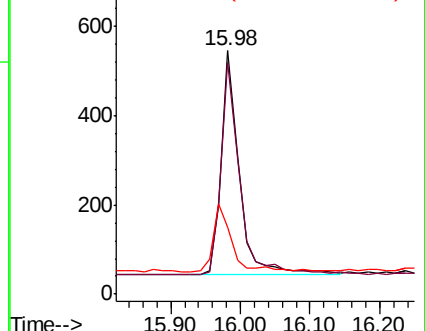
141 31.9 22.3 33.5

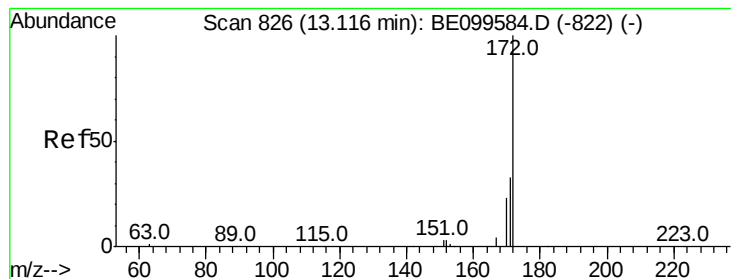


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.415 ng

RT: 13.12 min Scan# 826

Delta R.T. 0.00 min

Lab File: BE099593.D

Acq: 9 May 2019 17:45

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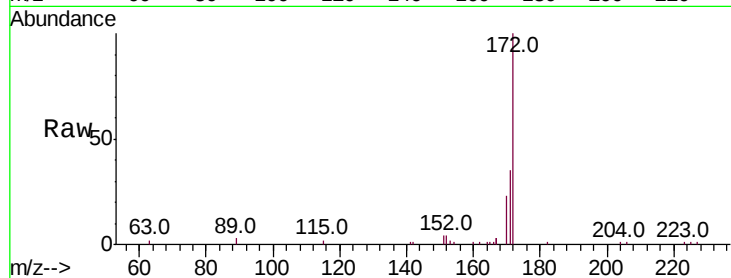
Tot Ion:172 Resp: 6963

Ion Ratio Lower Upper

172 100

171 35.3 27.5 41.3

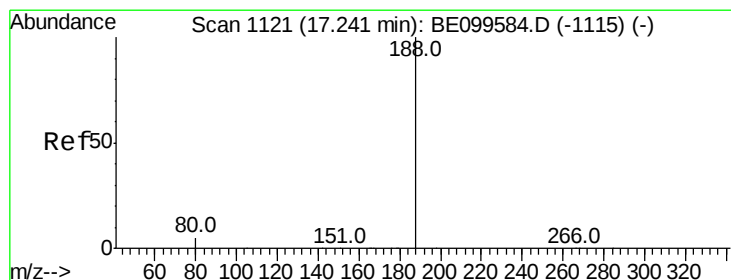
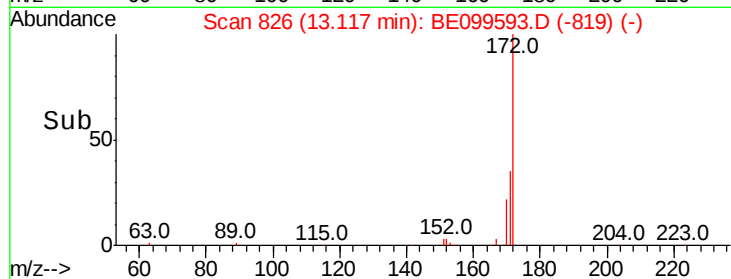
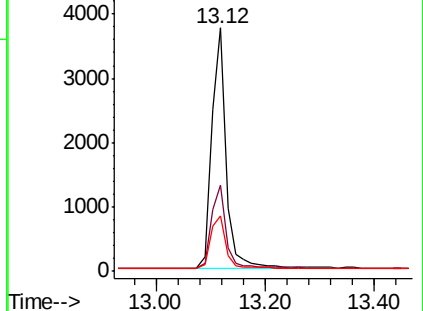
170 22.9 19.1 28.7



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: 17.24 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BE099593.D

Acq: 9 May 2019 17:45

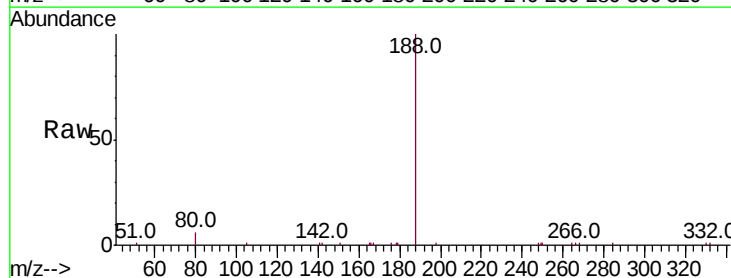
Tgt Ion:188 Resp: 12521

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

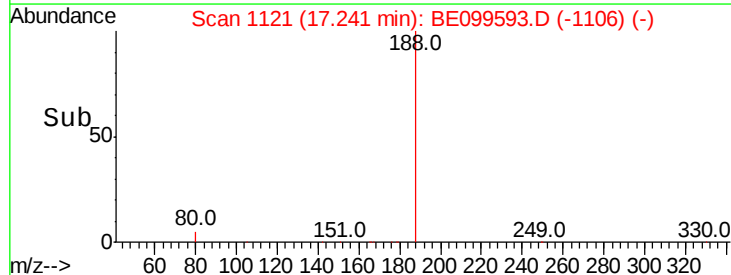
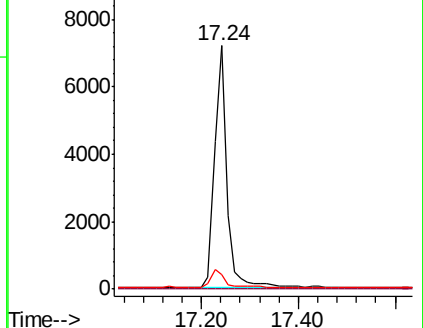
80 6.0 4.4 6.6

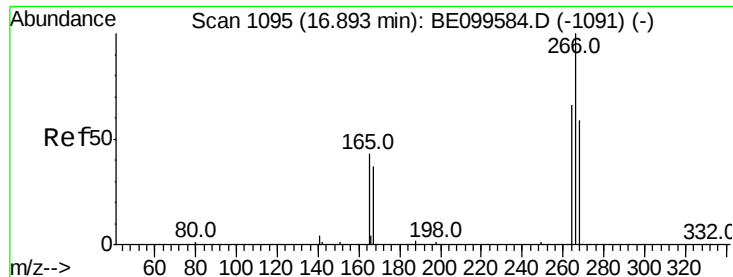


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#22

Pentachlorophenol

Concen: 0.260 ng

RT: 16.89 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BE099593.D

Acq: 9 May 2019 17:45

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-WK-1

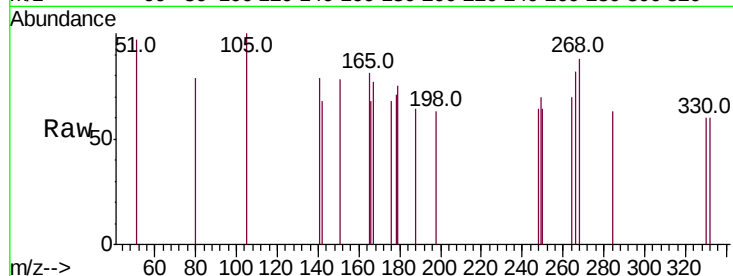
Tot Ion:266 Resp: 44

Ion Ratio Lower Upper

266 100

264 85.0 57.3 85.9

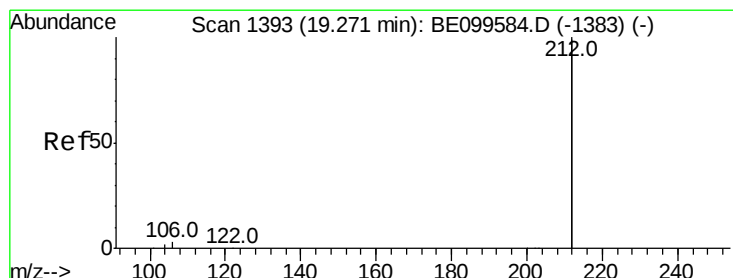
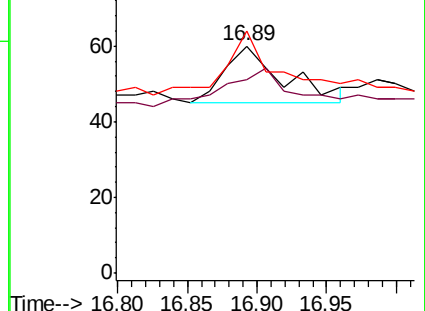
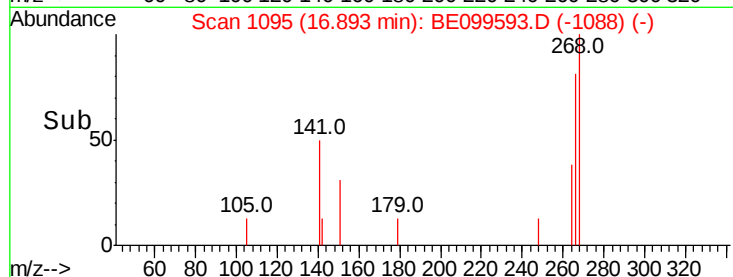
268 106.7 53.5 80.3#



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: 0.373 ng

RT: 19.27 min Scan# 1393

Delta R.T. -0.00 min

Lab File: BE099593.D

Acq: 9 May 2019 17:45

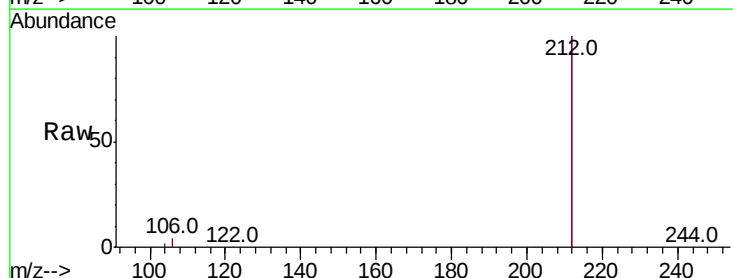
Tgt Ion:212 Resp: 61404

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

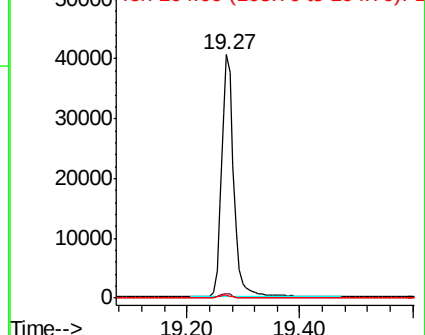
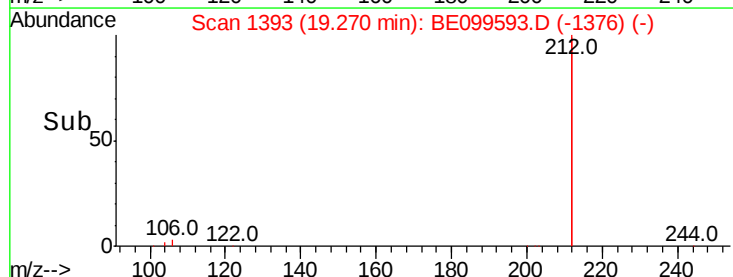
104 1.0 0.9 1.3

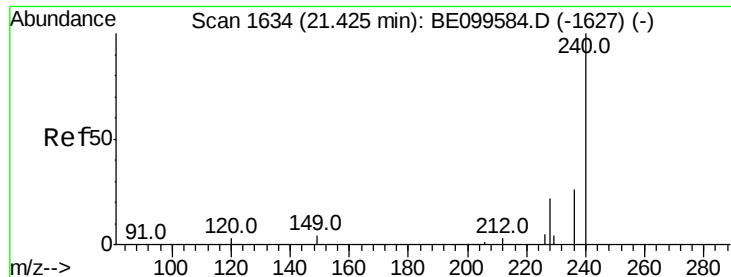


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.43 min Scan# 1635

Delta R.T. 0.00 min

Lab File: BE099593.D

Acq: 9 May 2019 17:45

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-WK-1

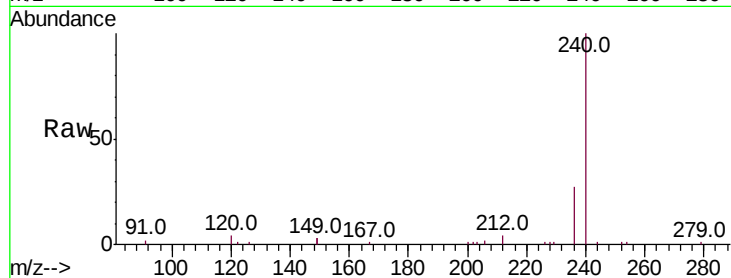
Tot Ion:240 Resp: 16175

Ion Ratio Lower Upper

240 100

120 3.8 3.2 4.8

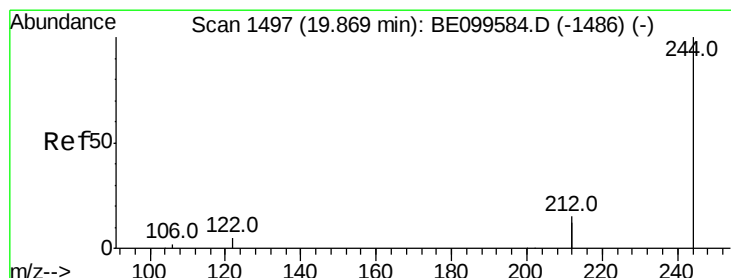
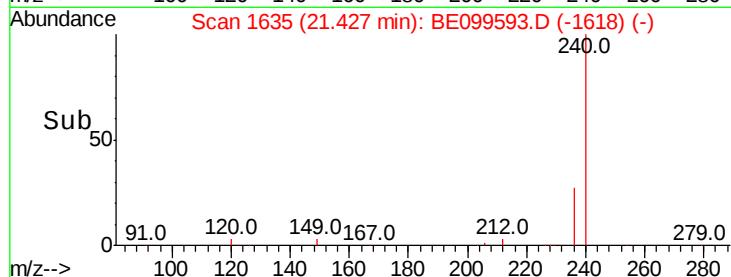
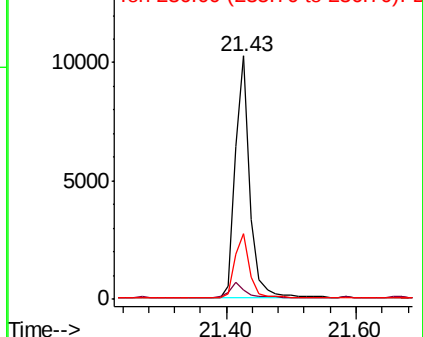
236 27.2 21.0 31.6



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: 0.549 ng

RT: 19.87 min Scan# 1497

Delta R.T. -0.00 min

Lab File: BE099593.D

Acq: 9 May 2019 17:45

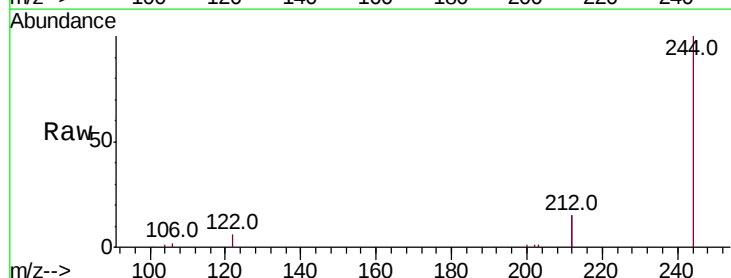
Tgt Ion:244 Resp: 15777

Ion Ratio Lower Upper

244 100

212 29.6 24.4 36.6

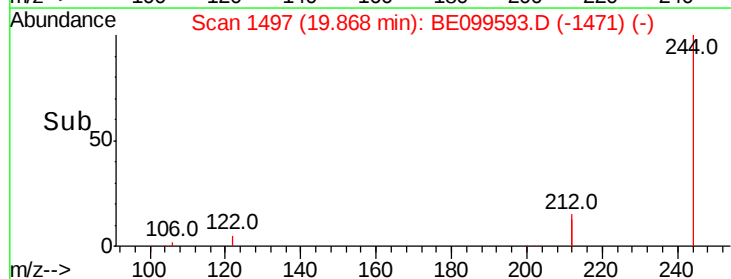
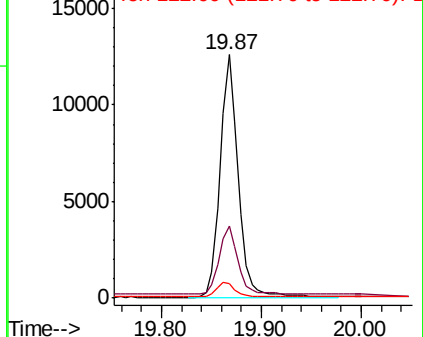
122 5.9 4.6 6.8

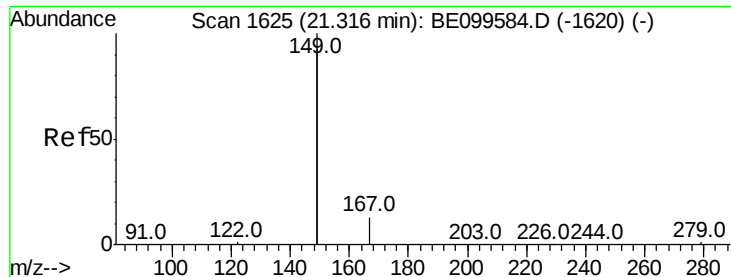


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.587 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE099593.D

Acq: 9 May 2019 17:45

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-WK-1

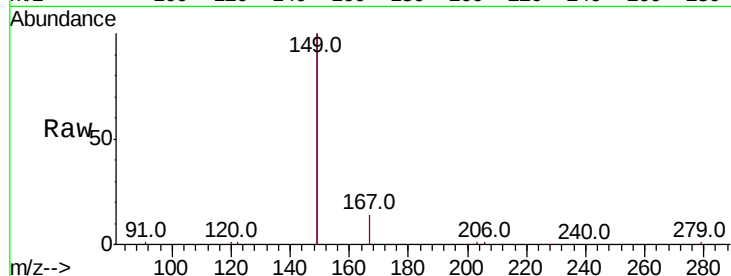
Tot Ion:149 Resp: 41639

Ion Ratio Lower Upper

149 100

167 7.4 6.0 9.0

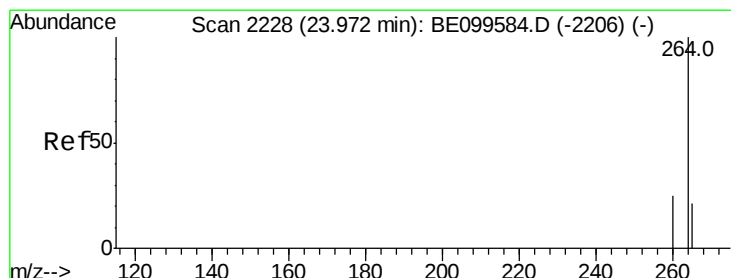
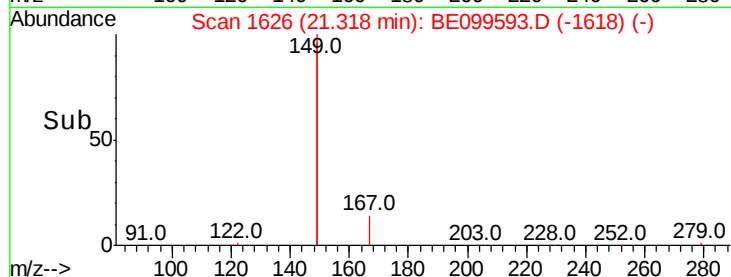
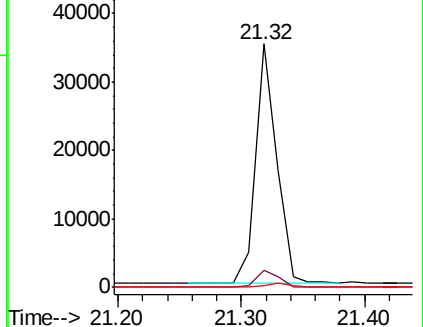
279 1.3 1.1 1.7



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: 23.97 min Scan# 2228

Delta R.T. -0.00 min

Lab File: BE099593.D

Acq: 9 May 2019 17:45

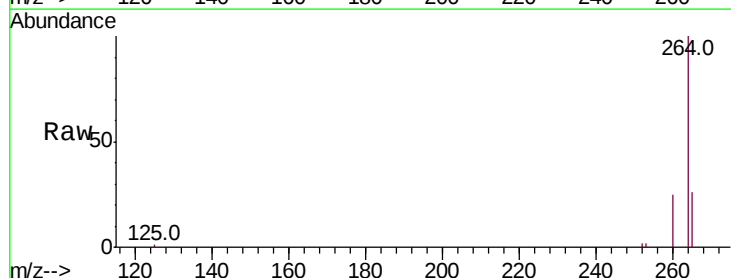
Tgt Ion:264 Resp: 19141

Ion Ratio Lower Upper

264 100

260 25.0 20.3 30.5

265 25.5 20.9 31.3



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

