

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052419\
 Data File : BE099751.D
 Acq On : 24 May 2019 20:24
 Operator : JU/SJ
 Sample : K3015-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-WK-4

Quant Time: May 24 22:03:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 19:29:40 2019
 Response via : Initial Calibration

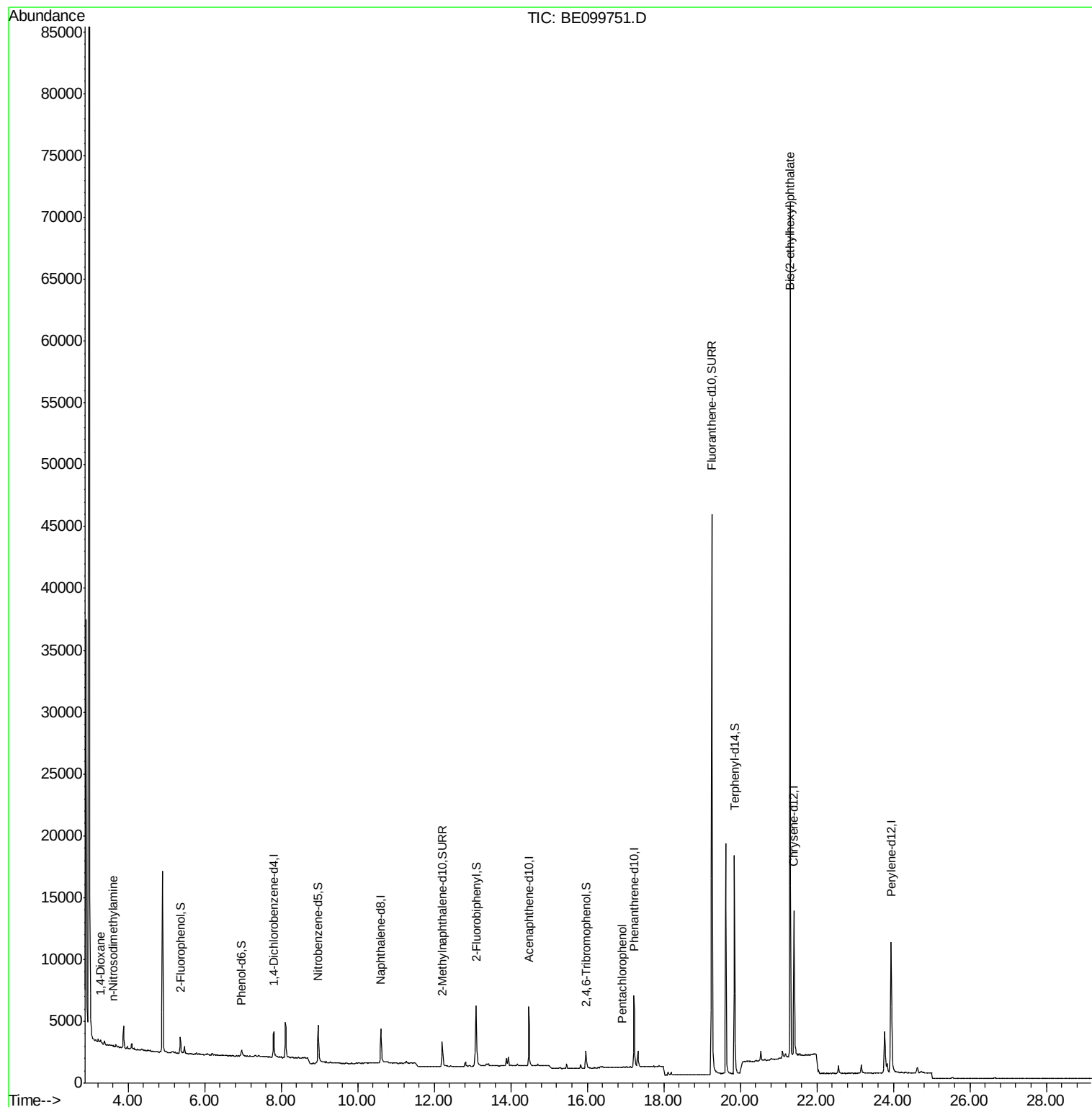
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1249	0.40	ng	-0.01
7) Naphthalene-d8	10.60	136	4201	0.40	ng	-0.01
13) Acenaphthene-d10	14.47	164	3111	0.40	ng	-0.01
19) Phenanthrene-d10	17.22	188	9857	0.40	ng	-0.01
27) Chrysene-d12	21.40	240	15037	0.40	ng	-0.01
34) Perylene-d12	23.94	264	17639	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	783	0.25	ng	-0.01
5) Phenol-d6	6.96	99	607	0.15	ng	-0.01
8) Nitrobenzene-d5	8.97	82	1695	0.47	ng	-0.01
11) 2-Methylnaphthalene-d10	12.21	152	3114	0.43	ng	-0.01
14) 2,4,6-Tribromophenol	15.97	330	1078	0.58	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	6308	0.53	ng	0.00
25) Fluoranthene-d10	19.25	212	66891	0.50	ng	-0.01
29) Terphenyl-d14	19.85	244	16643	0.62	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.28	88	234	0.127	ng	# 54
3) n-Nitrosodimethylamine	3.61	42	30	0.029	ng	# 1
22) Pentachlorophenol	16.92	266	9	0.186	ng	# 73
32) Bis(2-ethylhexyl)phthalate	21.31	149	70016	1.422	ng	99

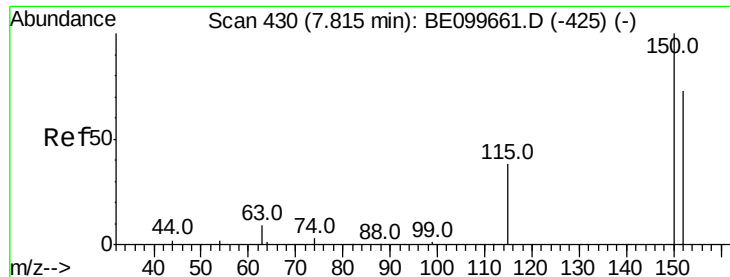
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.80 min Scan# 429

Delta R.T. -0.01 min

Lab File: BE099751.D

Acq: 24 May 2019 20:24

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-WK-4

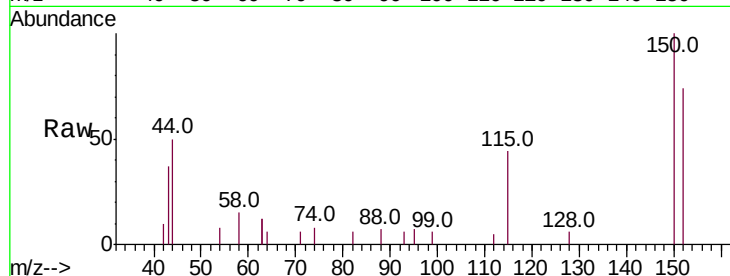
Tot Ion:152 Resp: 1249

Ion Ratio Lower Upper

152 100

150 134.5 109.2 163.8

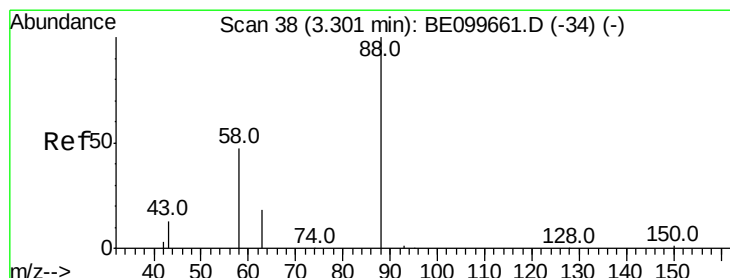
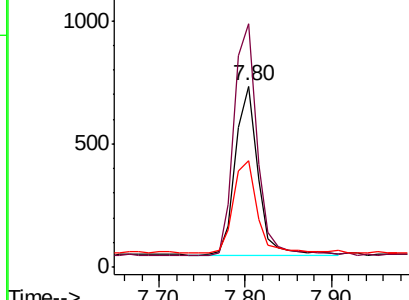
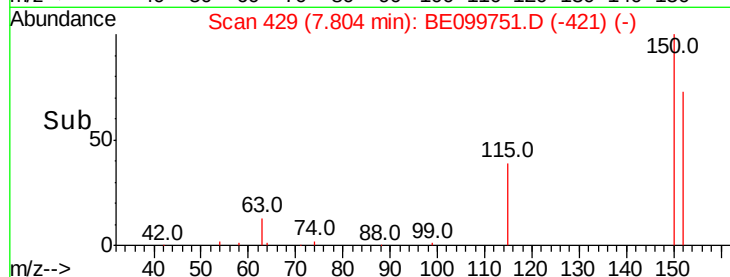
115 58.9 43.7 65.5



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: 0.127 ng

RT: 3.28 min Scan# 36

Delta R.T. -0.02 min

Lab File: BE099751.D

Acq: 24 May 2019 20:24

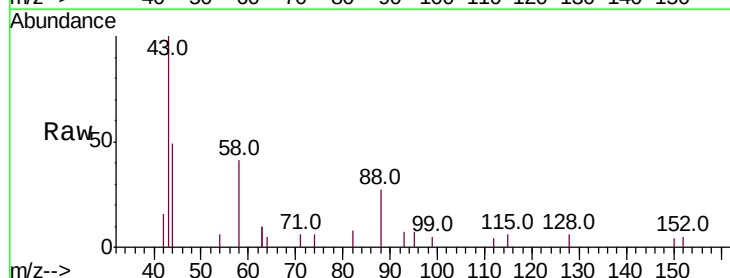
Tgt Ion: 88 Resp: 234

Ion Ratio Lower Upper

88 100

58 85.5 41.8 62.8#

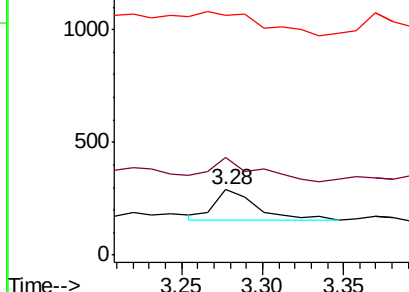
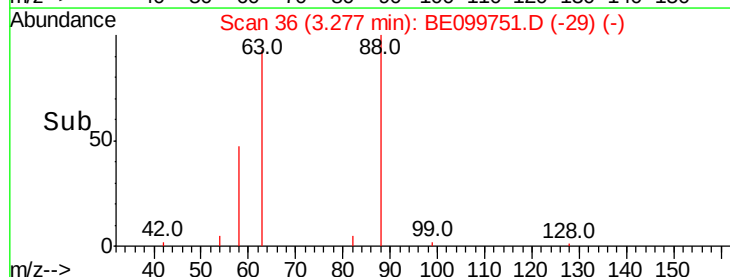
43 0.0 15.0 22.4#

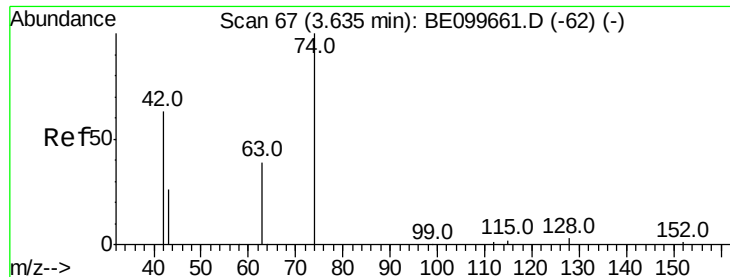


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.029 ng

RT: 3.61 min Scan# 65

Delta R.T. -0.02 min

Lab File: BE099751.D

Acq: 24 May 2019 20:24

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-WK-4

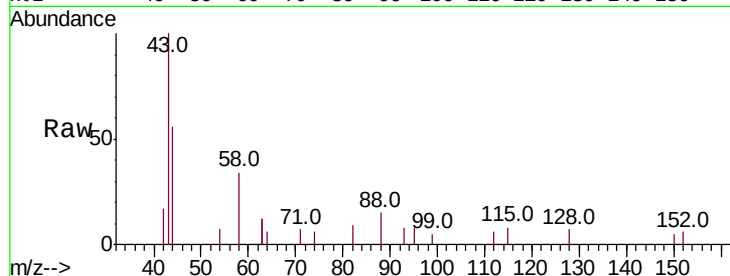
Tot Ion: 42 Resp: 30

Ion Ratio Lower Upper

42 100

74 0.0 129.2 193.8#

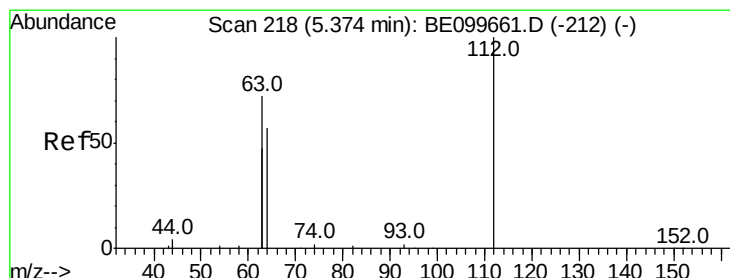
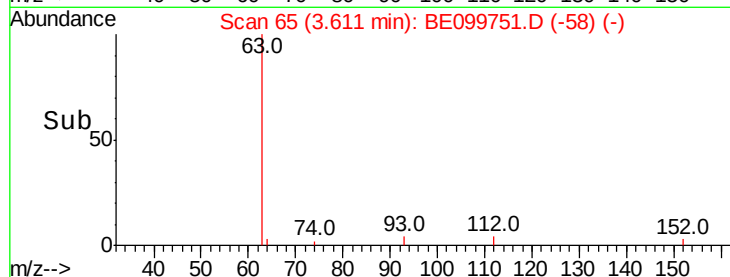
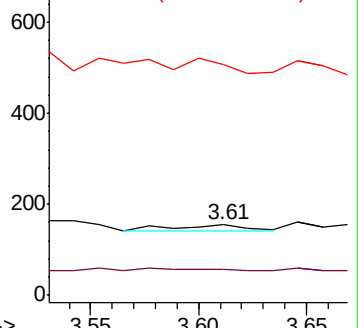
44 0.0 0.0 0.0



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



#4

2-Fluorophenol

Concen: 0.248 ng

RT: 5.36 min Scan# 217

Delta R.T. -0.01 min

Lab File: BE099751.D

Acq: 24 May 2019 20:24

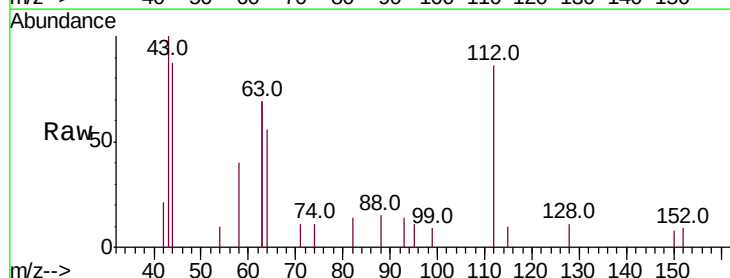
Tgt Ion: 112 Resp: 783

Ion Ratio Lower Upper

112 100

64 57.0 43.4 65.2

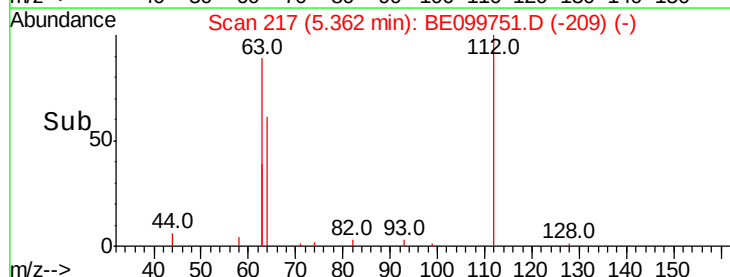
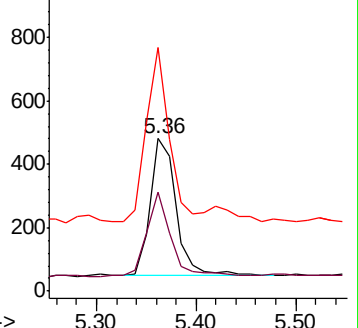
63 112.9 96.9 145.3

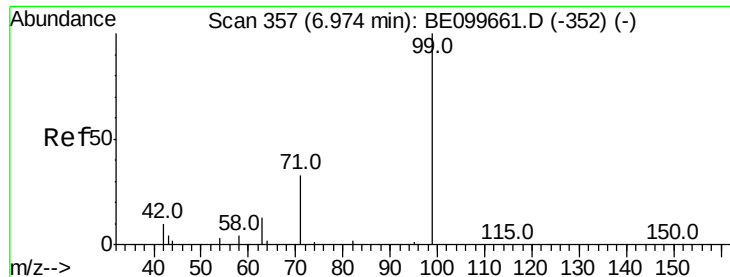


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.145 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099751.D

Acq: 24 May 2019 20:24

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-WK-4

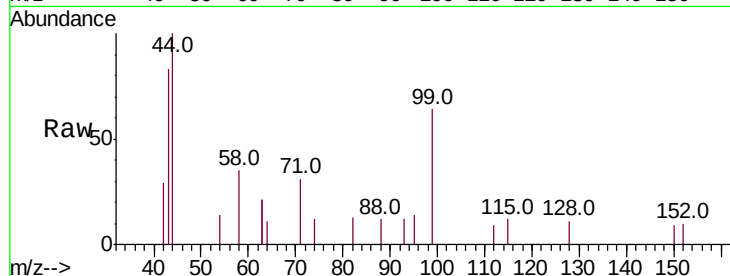
Tot Ion: 99 Resp: 607

Ion Ratio Lower Upper

99 100

42 19.1 12.2 18.2#

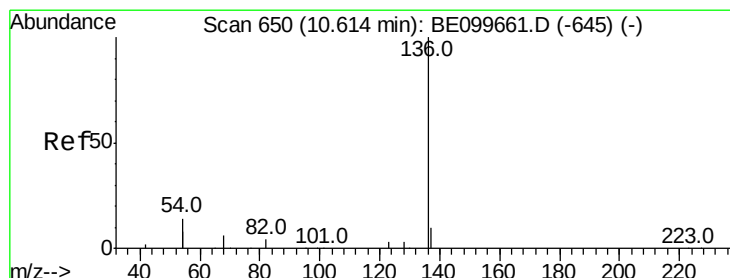
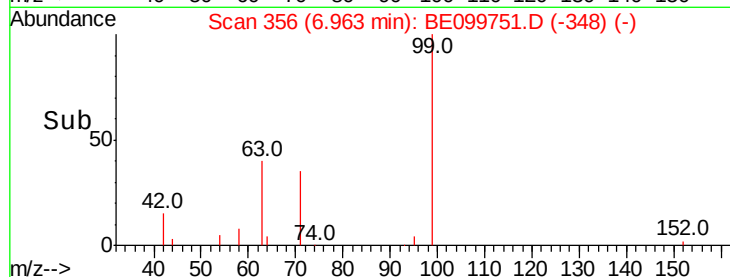
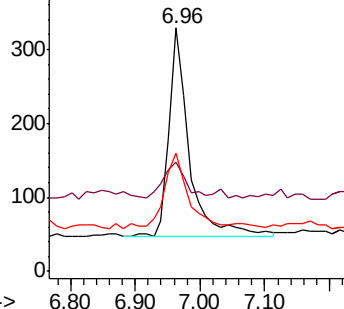
71 44.6 28.9 43.3#



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: 10.60 min Scan# 649

Delta R.T. -0.01 min

Lab File: BE099751.D

Acq: 24 May 2019 20:24

Tgt Ion: 136 Resp: 4201

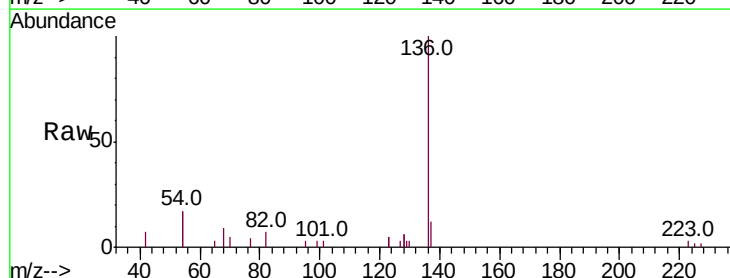
Ion Ratio Lower Upper

136 100

137 12.1 9.0 13.6

54 34.5 22.3 33.5#

68 9.5 6.0 9.0#

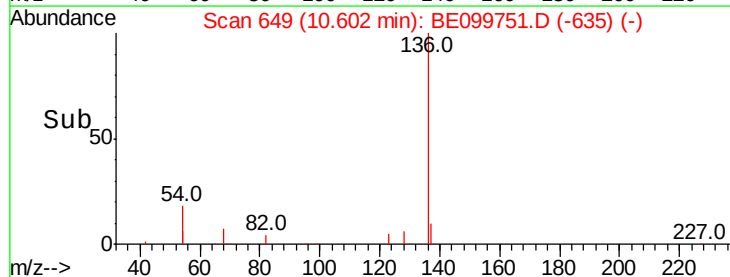
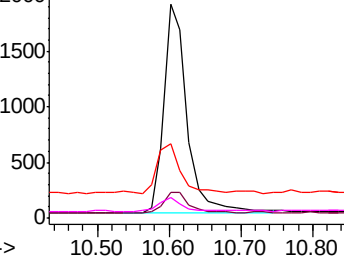


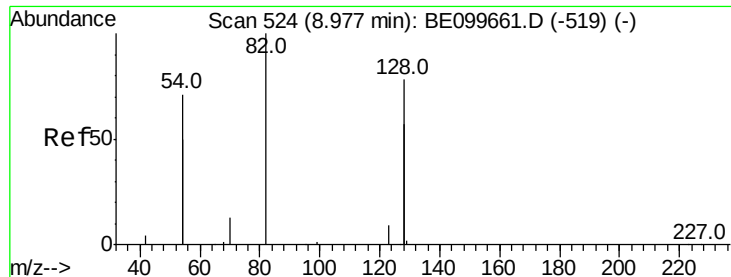
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.466 ng

RT: 8.97 min Scan# 523

Delta R.T. -0.01 min

Lab File: BE099751.D

Acq: 24 May 2019 20:24

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OUTFALL001-WK-4

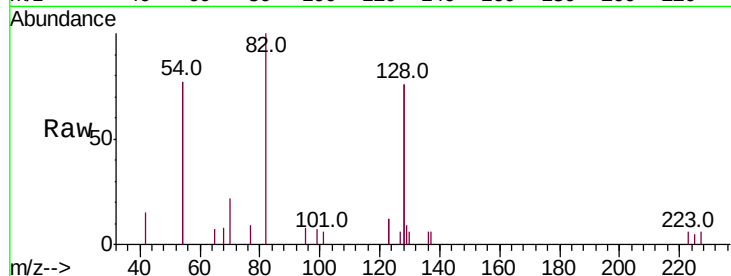
Tot Ion: 82 Resp: 1695

Ion Ratio Lower Upper

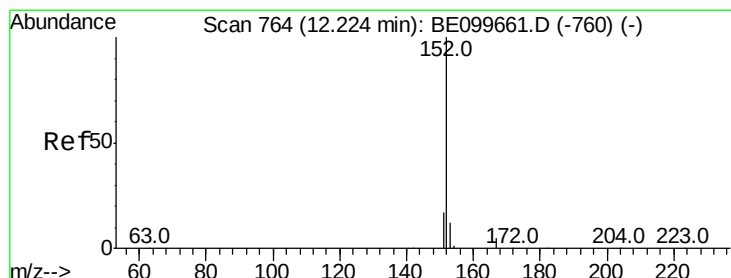
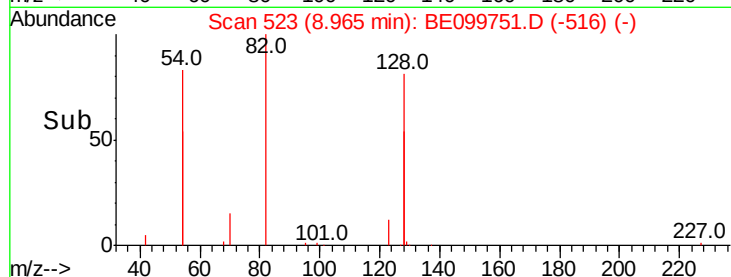
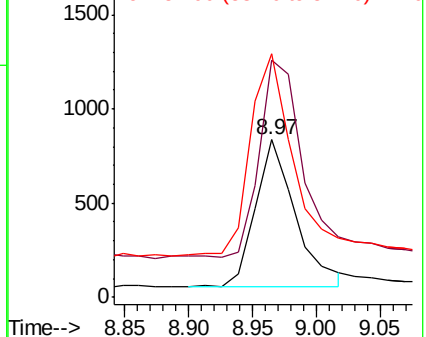
82 100

128 151.1 117.7 176.5

54 154.7 106.6 160.0



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: 0.430 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.01 min

Lab File: BE099751.D

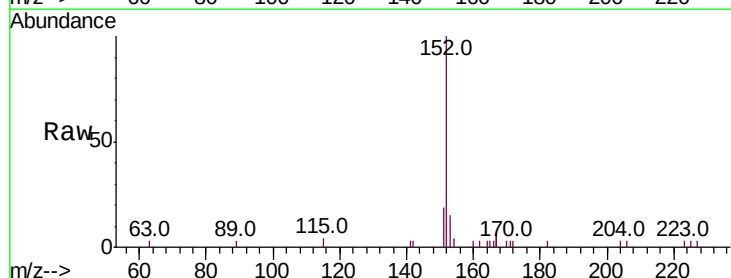
Acq: 24 May 2019 20:24

Tgt Ion: 152 Resp: 3114

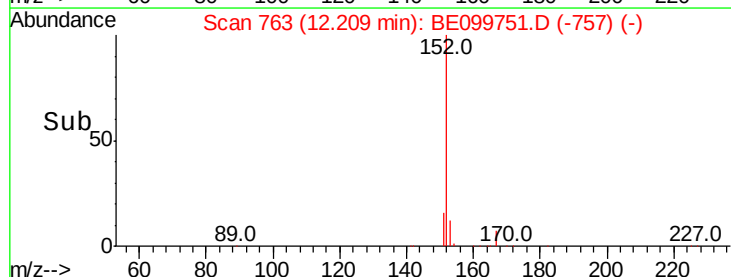
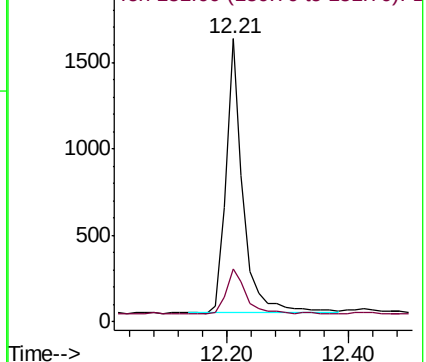
Ion Ratio Lower Upper

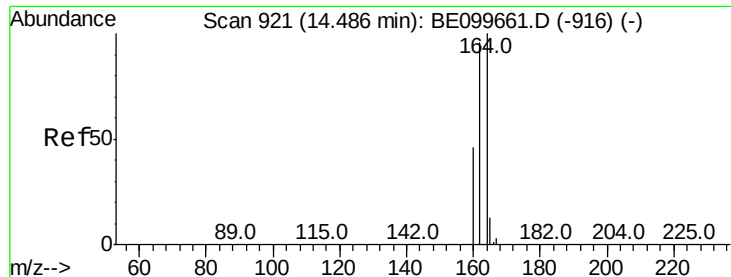
152 100

151 20.0 15.0 22.4



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. -0.01 min

Lab File: BE099751.D

Acq: 24 May 2019 20:24

Instrument :

BNA_E

ClientSampleId :

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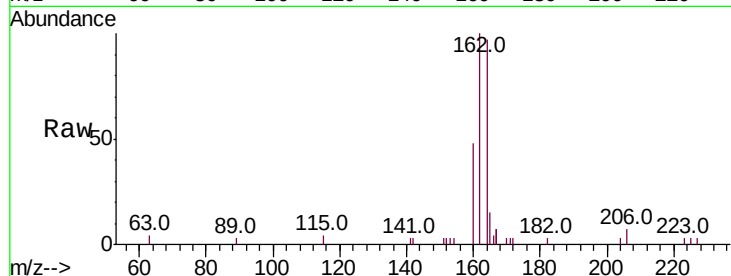
Tot Ion:164 Resp: 3111

Ion Ratio Lower Upper

164 100

162 102.6 76.5 114.7

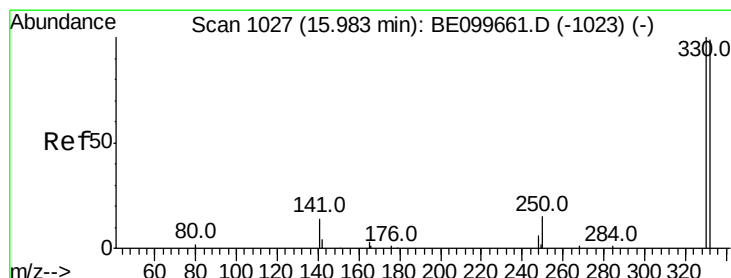
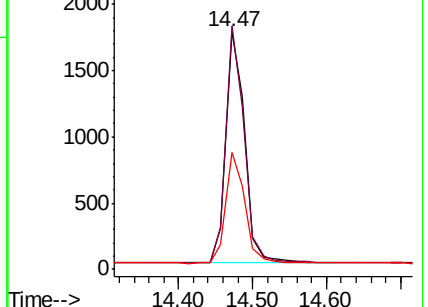
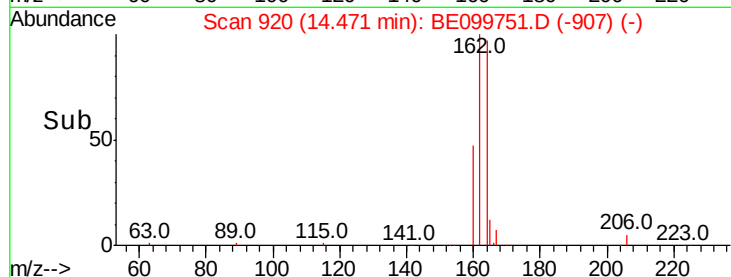
160 49.4 37.4 56.2



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

2,4,6-Tribromophenol

Concen: 0.578 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BE099751.D

Acq: 24 May 2019 20:24

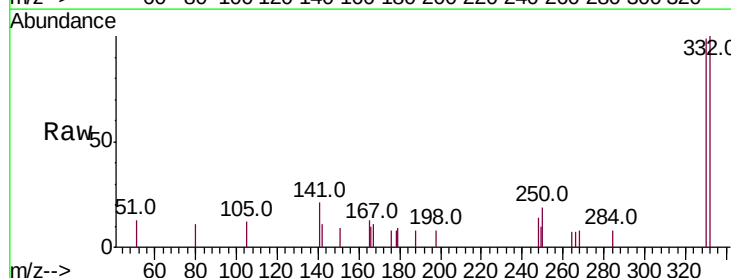
Tgt Ion:330 Resp: 1078

Ion Ratio Lower Upper

330 100

332 100.2 77.3 115.9

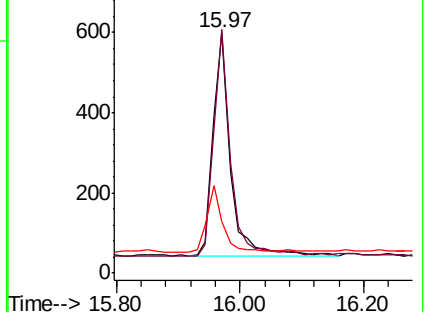
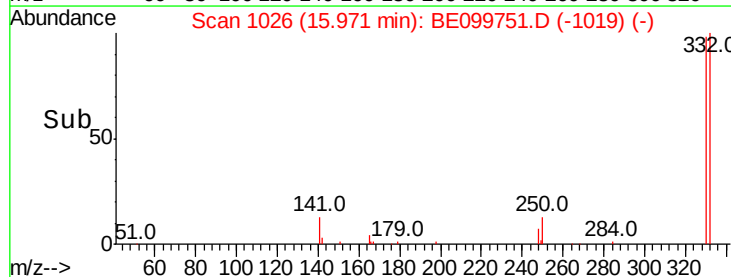
141 27.0 18.9 28.3

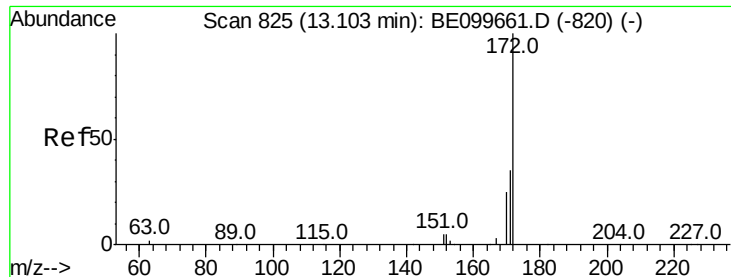


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

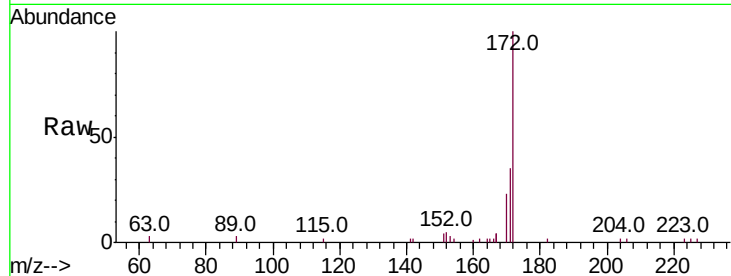




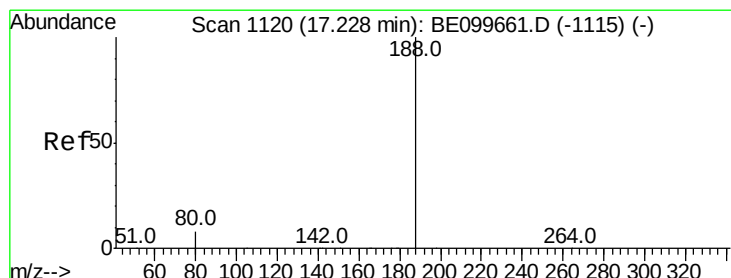
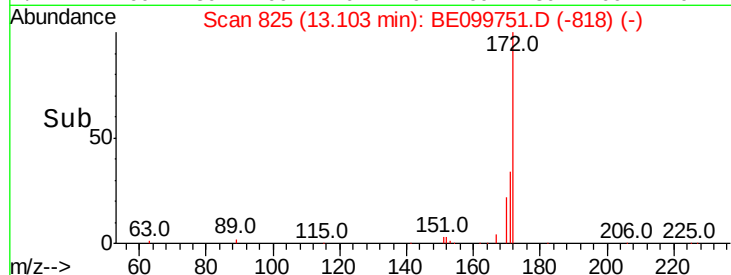
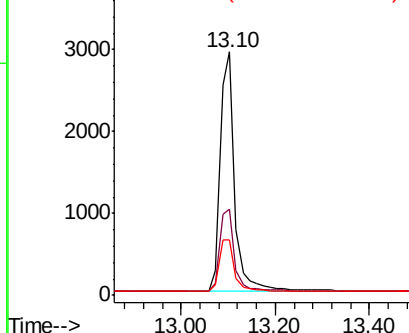
#15
 2-Fluorobiphenyl
 Concen: 0.534 ng
 RT: 13.10 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BE099751.D
 Acq: 24 May 2019 20:24

Instrument :
 BNA_E
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 OUTFALL001-WK-4

Tot Ion:172 Resp: 6308
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.7 43.1
 170 23.0 20.9 31.3

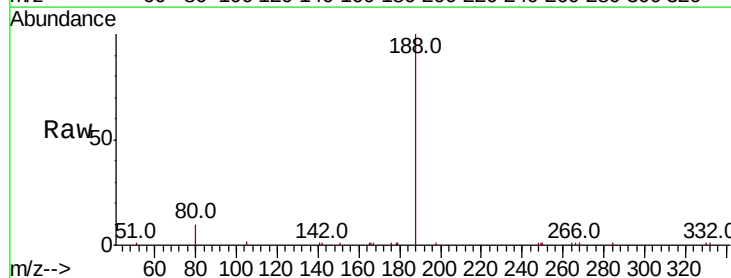


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

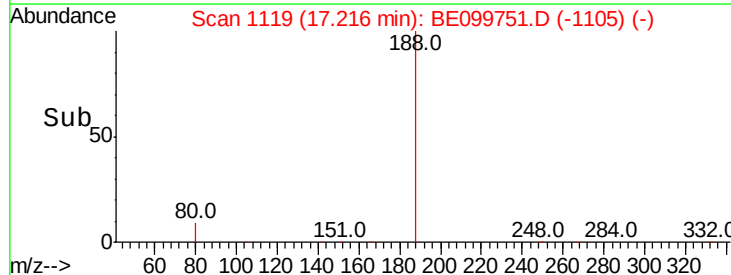
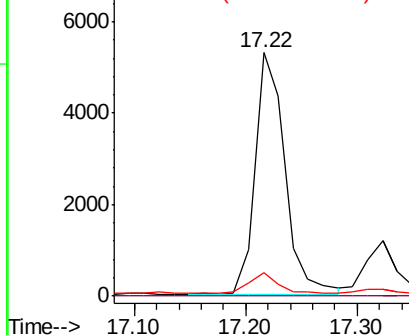


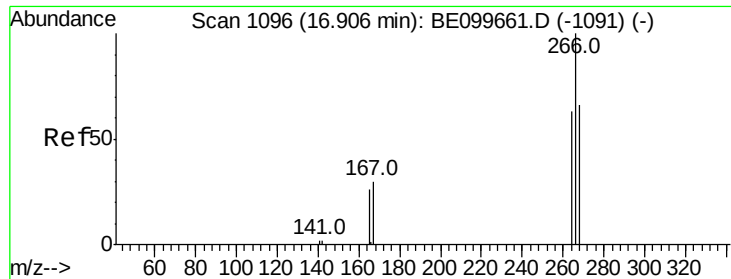
#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.22 min Scan# 1119
 Delta R.T. -0.01 min
 Lab File: BE099751.D
 Acq: 24 May 2019 20:24

Tgt Ion:188 Resp: 9857
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 9.8 6.7 10.1



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

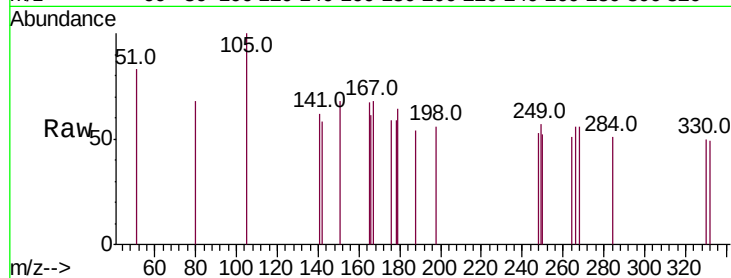




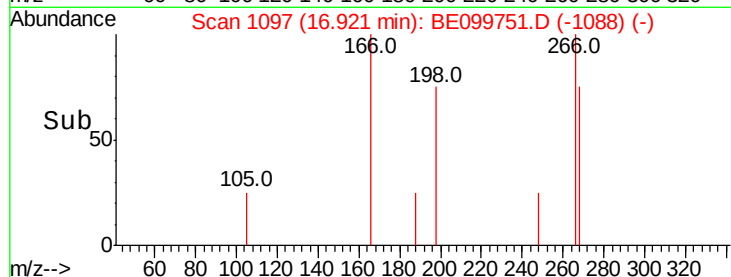
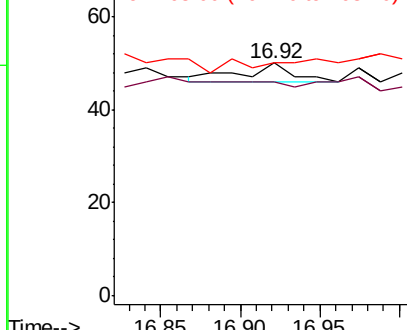
#22
 Pentachlorophenol
 Concen: 0.186 ng
 RT: 16.92 min Scan# 1097
 Delta R.T. 0.02 min
 Lab File: BE099751.D
 Acq: 24 May 2019 20:24

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-WK-4

Tot Ion: 266 Resp: 9
 Ion Ratio Lower Upper
 266 100
 264 92.0 57.2 85.8#
 268 100.0 60.5 90.7#

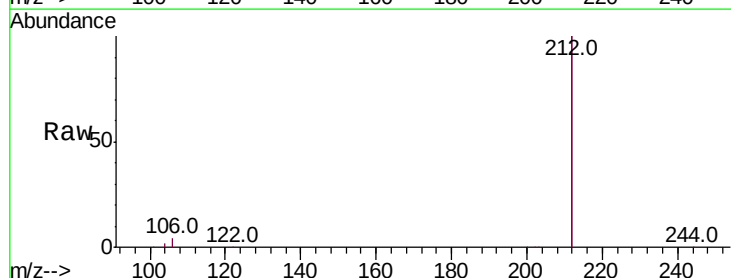
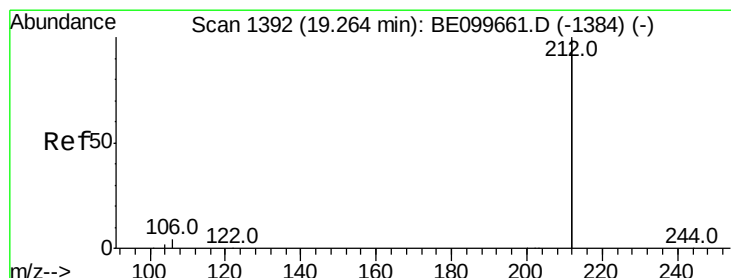


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

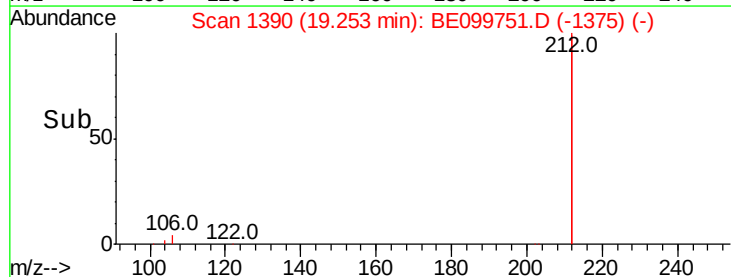
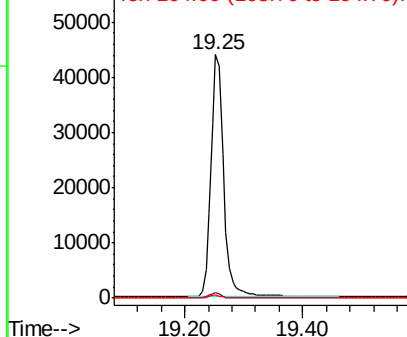


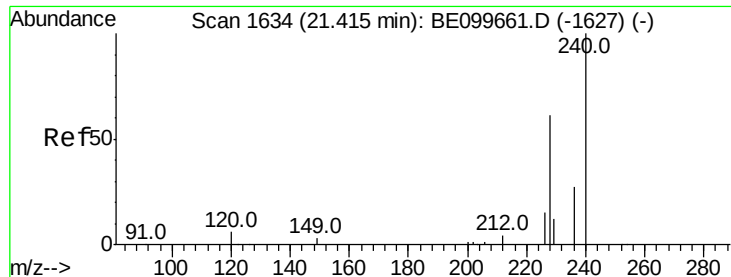
#25
 Fluoranthene-d10
 Concen: 0.497 ng
 RT: 19.25 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: BE099751.D
 Acq: 24 May 2019 20:24

Tgt Ion: 212 Resp: 66891
 Ion Ratio Lower Upper
 212 100
 106 1.9 1.4 2.2
 104 1.1 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

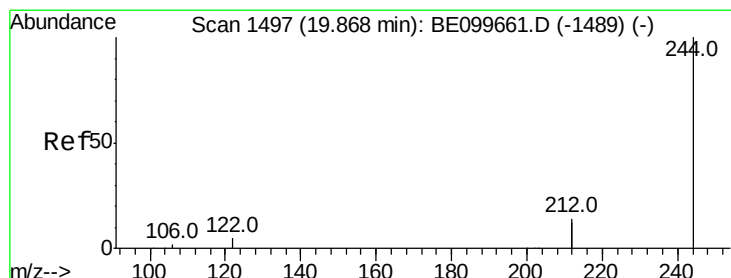
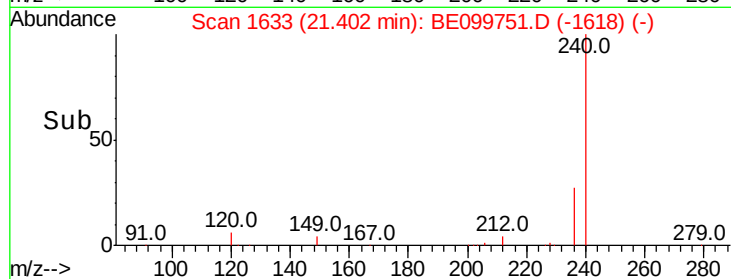
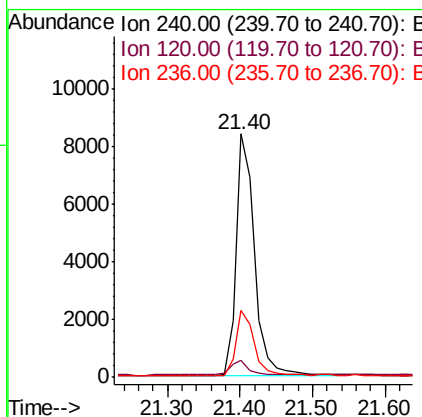
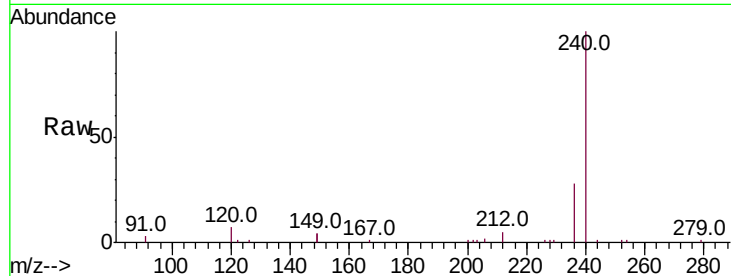




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.01 min
Lab File: BE099751.D
Acq: 24 May 2019 20:24

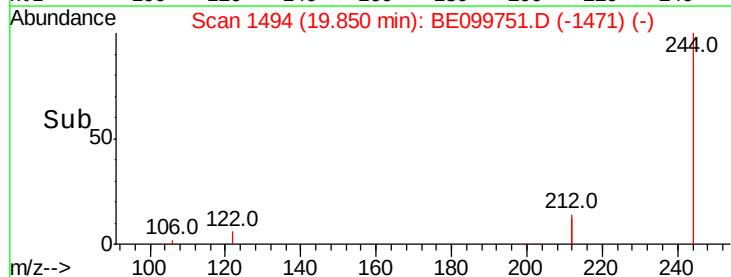
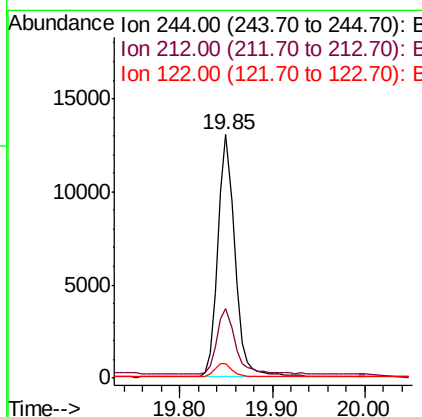
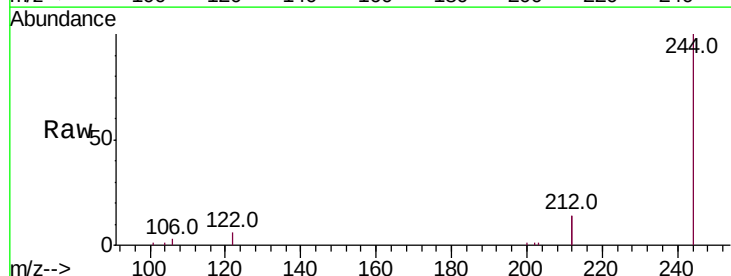
Instrument :
BNA_E
ClientSampleId :
OUTFALL001-WK-4

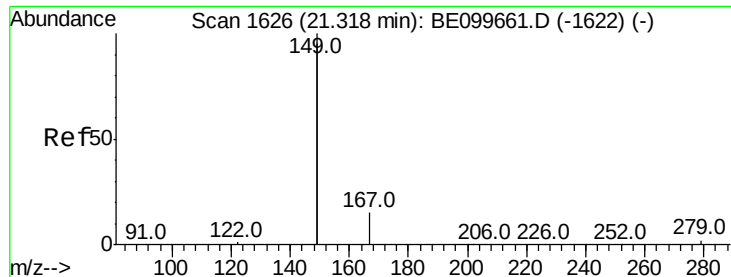
Tot Ion:240 Resp: 15037
Ion Ratio Lower Upper
240 100
120 6.9 5.4 8.0
236 27.7 21.7 32.5



#29
Terphenyl-d14
Concen: 0.620 ng
RT: 19.85 min Scan# 1494
Delta R.T. -0.02 min
Lab File: BE099751.D
Acq: 24 May 2019 20:24

Tgt Ion:244 Resp: 16643
Ion Ratio Lower Upper
244 100
212 28.8 22.5 33.7
122 6.1 4.3 6.5





#32

Bis(2-ethylhexyl)phthalate

Concen: 1.422 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BE099751.D

Acq: 24 May 2019 20:24

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-WK-4

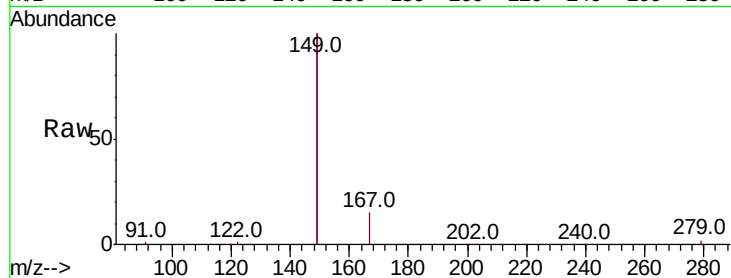
Tot Ion:149 Resp: 70016

Ion Ratio Lower Upper

149 100

167 7.5 6.2 9.4

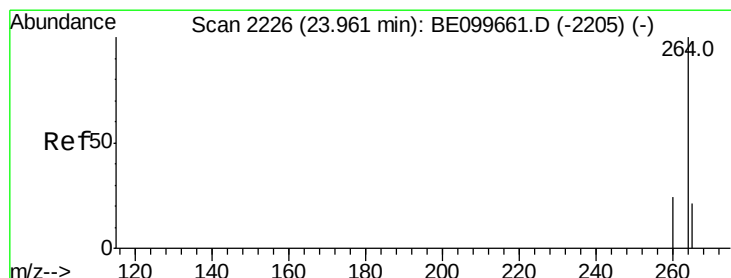
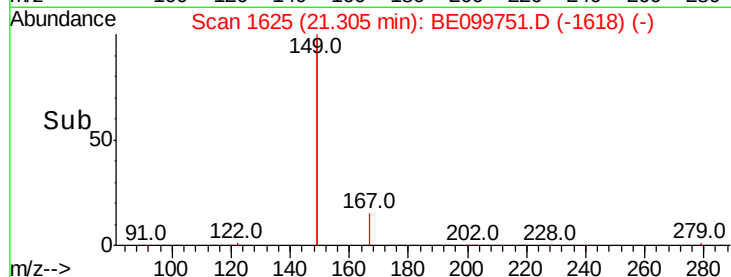
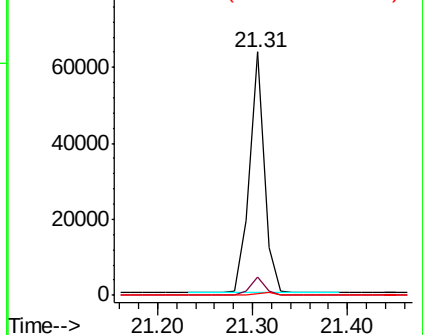
279 1.3 1.2 1.8



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: 23.94 min Scan# 2220

Delta R.T. -0.02 min

Lab File: BE099751.D

Acq: 24 May 2019 20:24

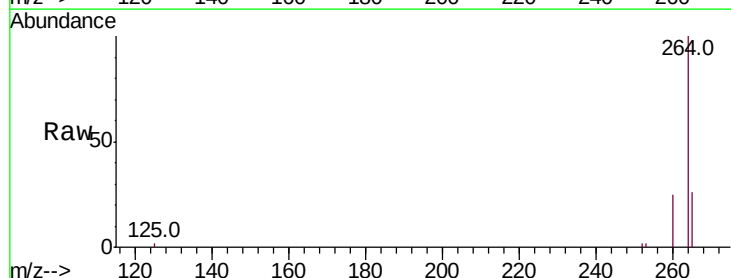
Tgt Ion:264 Resp: 17639

Ion Ratio Lower Upper

264 100

260 24.7 19.6 29.4

265 26.1 19.1 28.7



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

