

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE051019\
 Data File : BE099602.D
 Acq On : 10 May 2019 17:07
 Operator : JU/SJ
 Sample : K2781-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-WK-2

Quant Time: May 11 01:01:30 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	2082	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	7413	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	5090	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	14537	0.40	ng	0.00
27) Chrysene-d12	21.43	240	17987	0.40	ng	0.00
34) Perylene-d12	23.97	264	20879	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.39	112	889	0.16	ng	0.00
5) Phenol-d6	6.99	99	782	0.10	ng	0.00
8) Nitrobenzene-d5	8.98	82	2161	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	4379	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	1039	0.34	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	7229	0.37	ng	0.00
25) Fluoranthene-d10	19.27	212	70947	0.37	ng	0.00
29) Terphenyl-d14	19.87	244	15384	0.48	ng	0.00

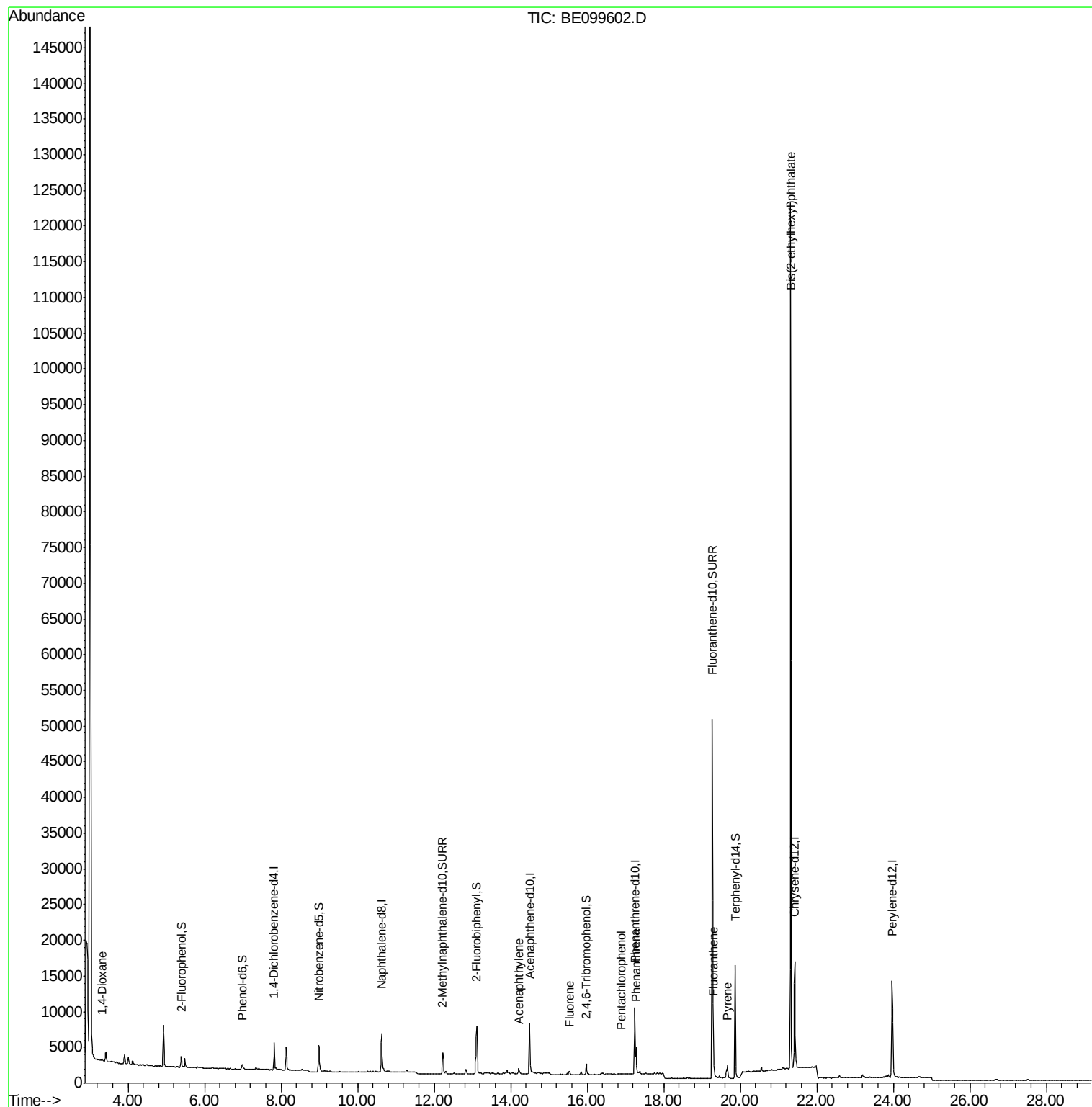
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.31	88	180	0.061	ng	# 43
16) Acenaphthylene	14.21	152	837	0.034	ng	93
18) Fluorene	15.53	166	428	0.022	ng	# 95
22) Pentachlorophenol	16.88	266	14	0.252	ng	# 72
23) Phenanthrene	17.28	178	3900	0.108	ng	99
26) Fluoranthene	19.30	202	1563	0.029	ng	# 96
28) Pyrene	19.66	202	1886	0.040	ng	98
32) Bis(2-ethylhexyl)phthalate	21.32	149	130654	1.655	ng	100

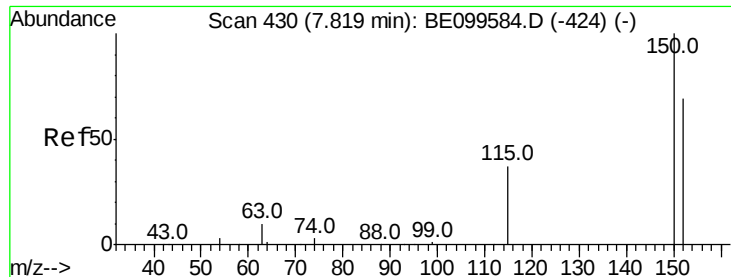
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 09 13:32:58 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. -0.00 min

Lab File: BE099602.D

Acq: 10 May 2019 17:07

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-WK-2

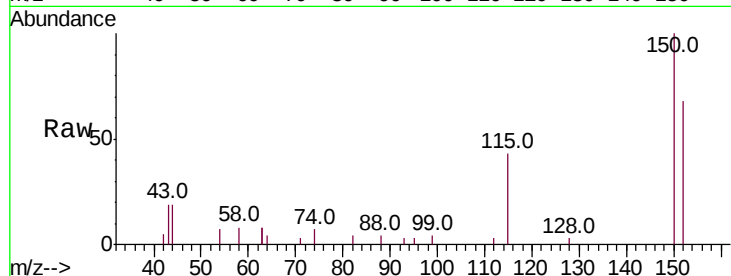
Tot Ion:152 Resp: 2082

Ion Ratio Lower Upper

152 100

150 146.8 114.2 171.4

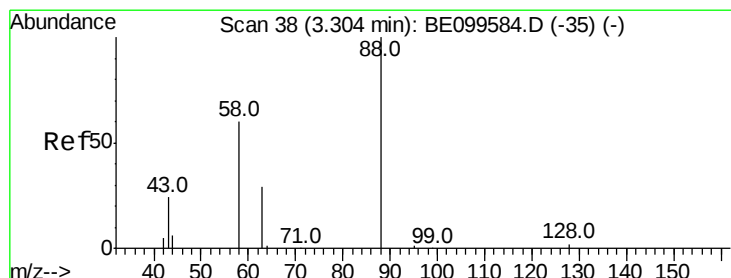
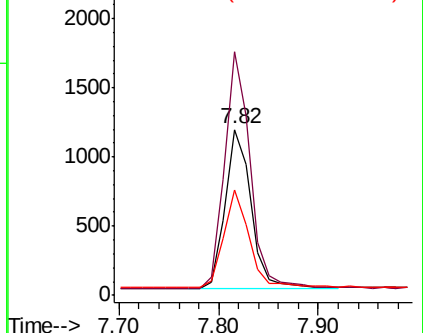
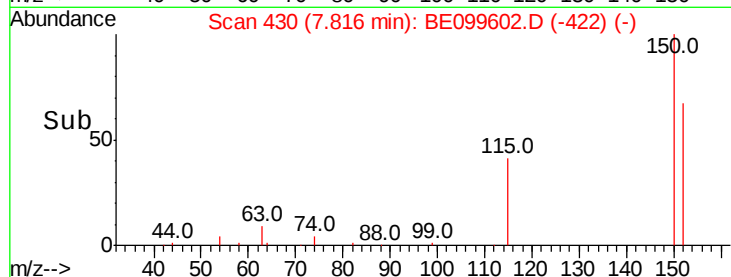
115 63.2 45.4 68.0



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: 0.061 ng

RT: 3.31 min Scan# 39

Delta R.T. 0.01 min

Lab File: BE099602.D

Acq: 10 May 2019 17:07

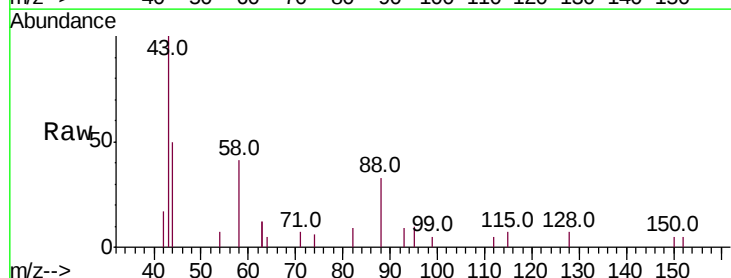
Tgt Ion: 88 Resp: 180

Ion Ratio Lower Upper

88 100

58 93.3 41.3 61.9#

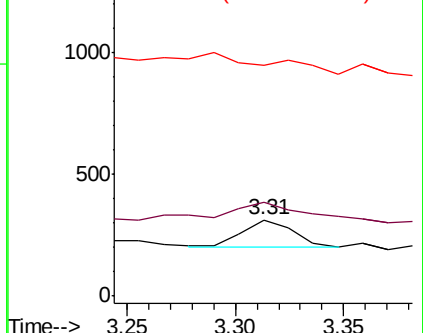
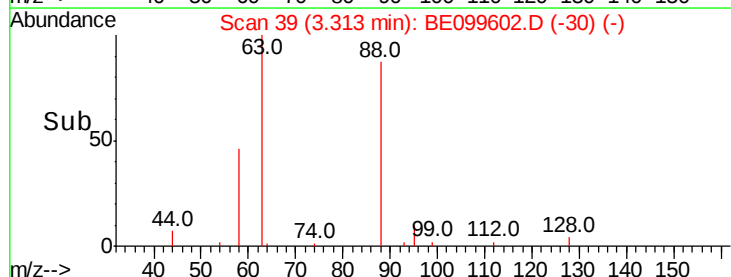
43 0.0 21.0 31.6#

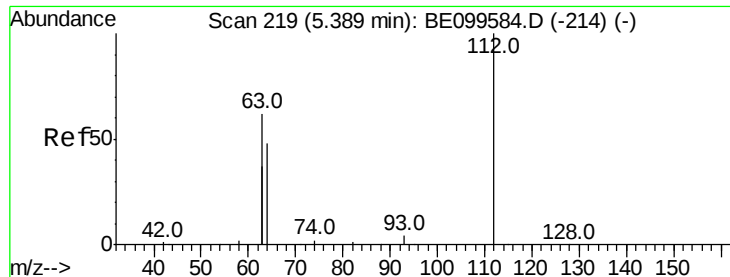


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.156 ng

RT: 5.39 min Scan# 219

Delta R.T. -0.00 min

Lab File: BE099602.D

Acq: 10 May 2019 17:07

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-WK-2

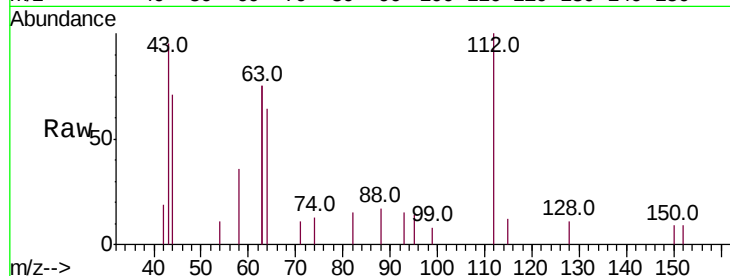
Tot Ion:112 Resp: 889

Ion Ratio Lower Upper

112 100

64 61.4 46.2 69.4

63 135.9 100.2 150.4

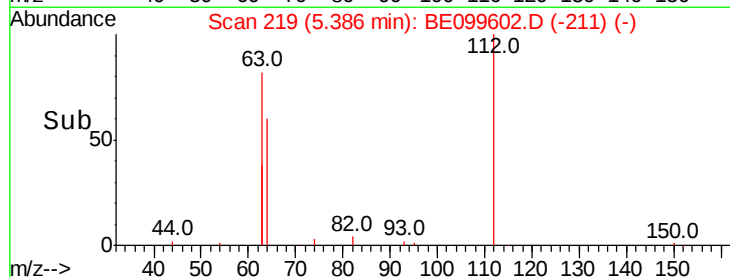


Abundance Ion 112.00 (111.70 to 112.70): BE0

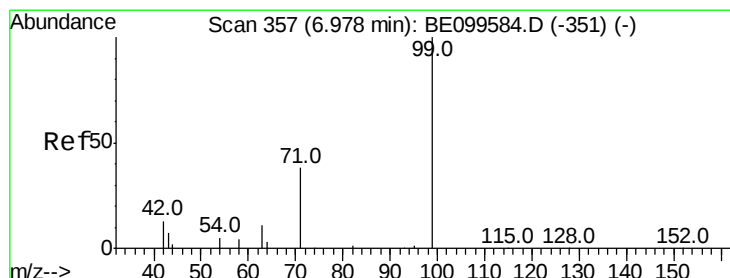
Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Time-->



Time-->



#5

Phenol-d6

Concen: 0.105 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.01 min

Lab File: BE099602.D

Acq: 10 May 2019 17:07

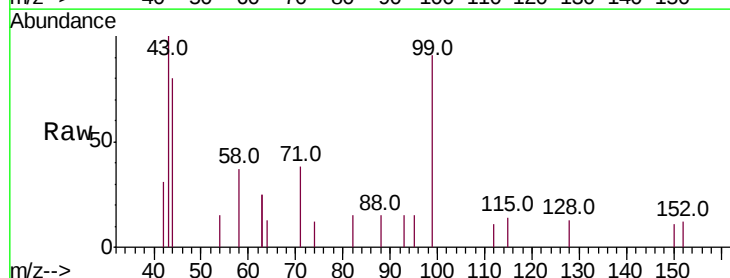
Tgt Ion: 99 Resp: 782

Ion Ratio Lower Upper

99 100

42 18.9 13.8 20.8

71 38.7 32.2 48.4

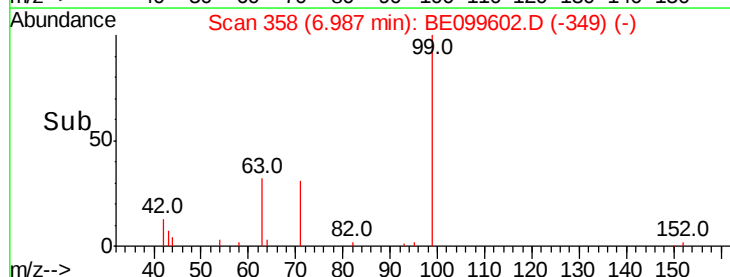


Abundance Ion 99.00 (98.70 to 99.70): BE0

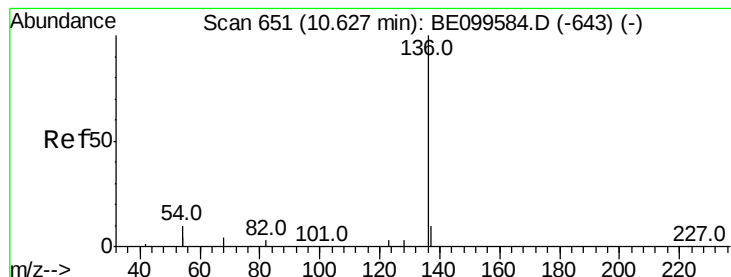
Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

Time-->



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. -0.00 min

Lab File: BE099602.D

Acq: 10 May 2019 17:07

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-WK-2

Tot Ion:136 Resp: 7413

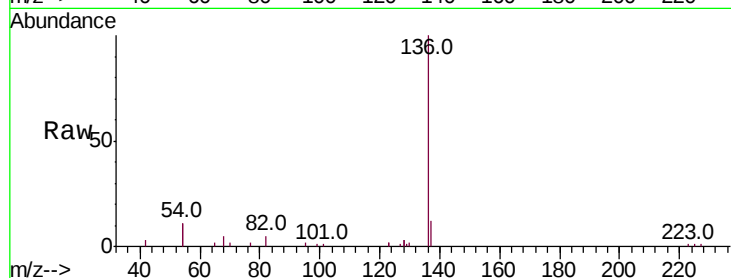
Ion Ratio Lower Upper

136 100

137 12.0 9.1 13.7

54 21.9 16.5 24.7

68 5.3 4.5 6.7

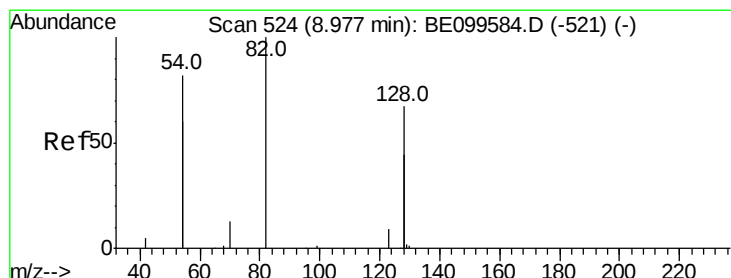
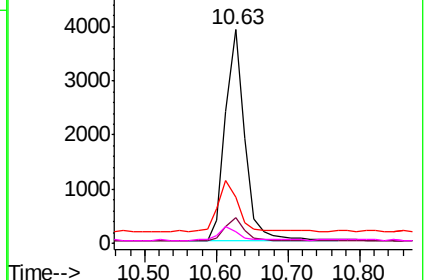
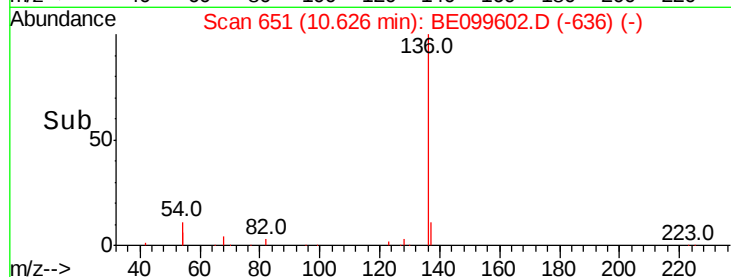


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.311 ng

RT: 8.98 min Scan# 524

Delta R.T. -0.00 min

Lab File: BE099602.D

Acq: 10 May 2019 17:07

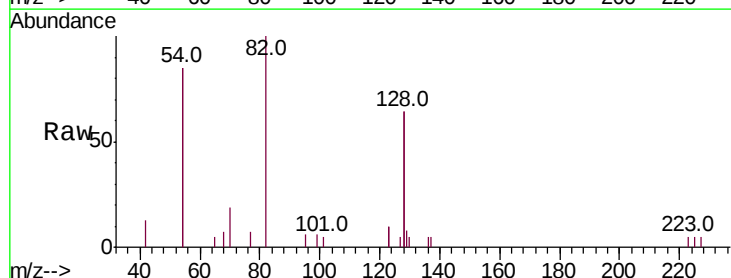
Tgt Ion: 82 Resp: 2161

Ion Ratio Lower Upper

82 100

128 127.6 101.5 152.3

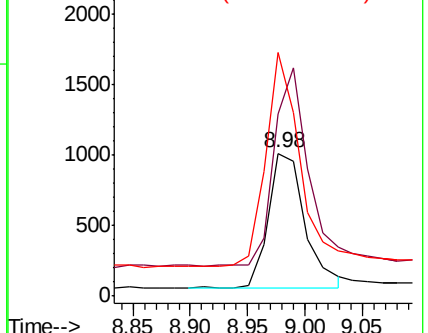
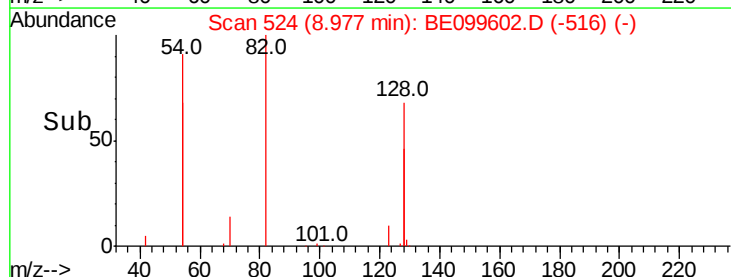
54 170.7 123.8 185.6

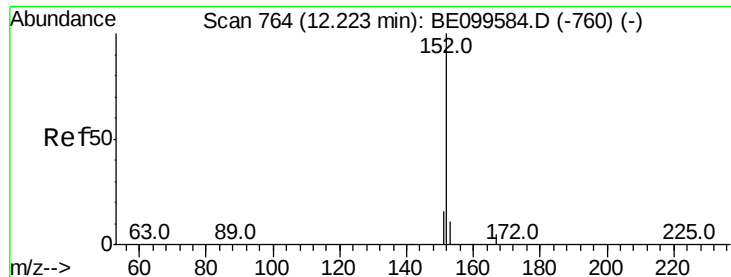


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

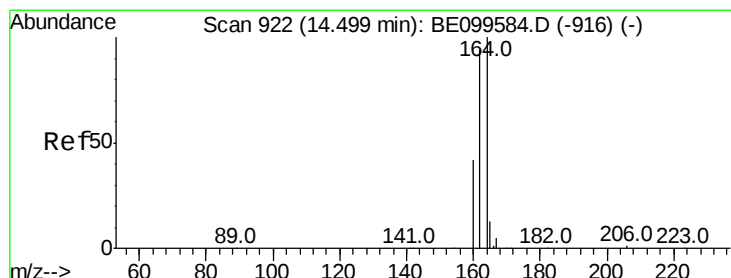
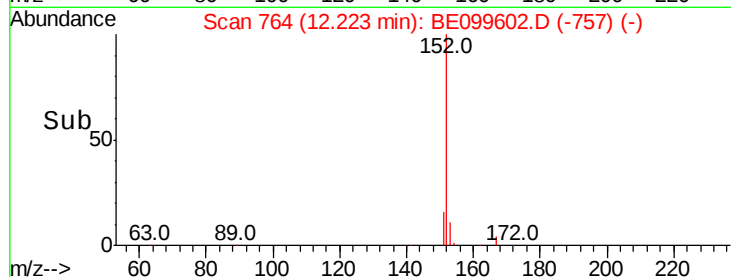
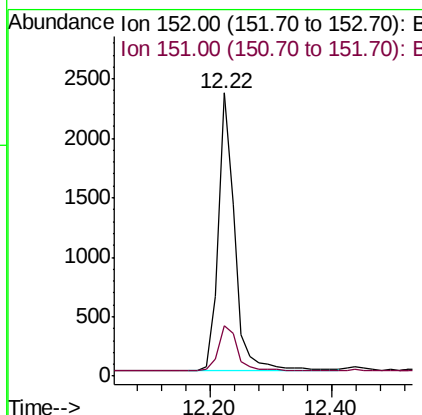
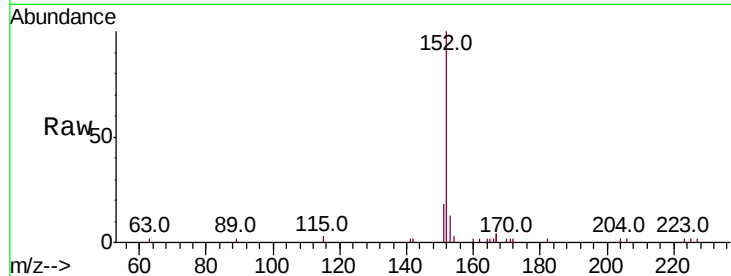




#11
 2-Methylnaphthalene-d10
 Concen: 0.353 ng
 RT: 12.22 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BE099602.D
 Acq: 10 May 2019 17:07

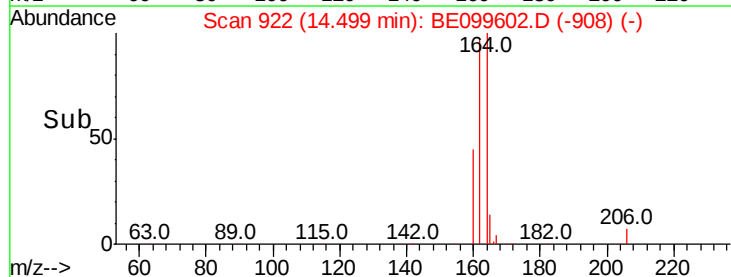
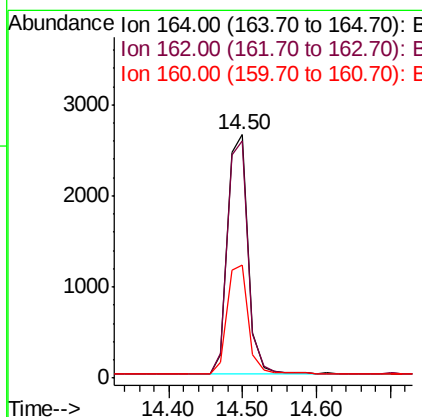
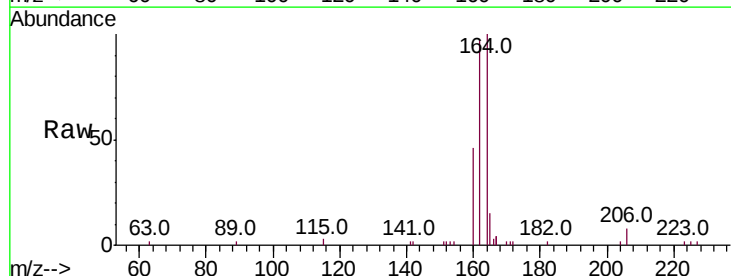
Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-WK-2

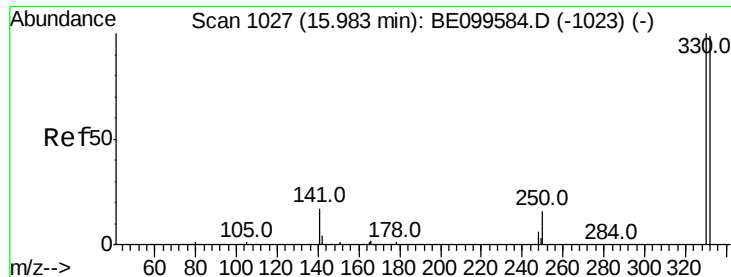
Tot Ion:152 Resp: 4379
 Ion Ratio Lower Upper
 152 100
 151 19.4 16.2 24.2



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.50 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: BE099602.D
 Acq: 10 May 2019 17:07

Tgt Ion:164 Resp: 5090
 Ion Ratio Lower Upper
 164 100
 162 97.4 75.3 112.9
 160 46.2 34.7 52.1

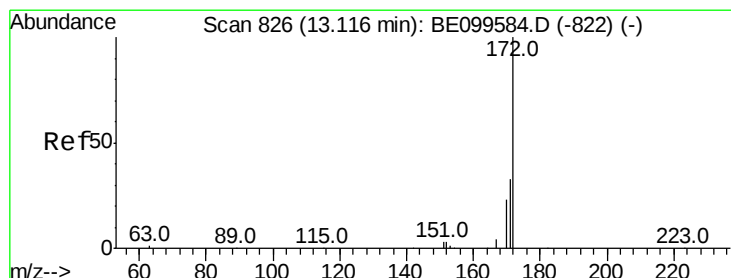
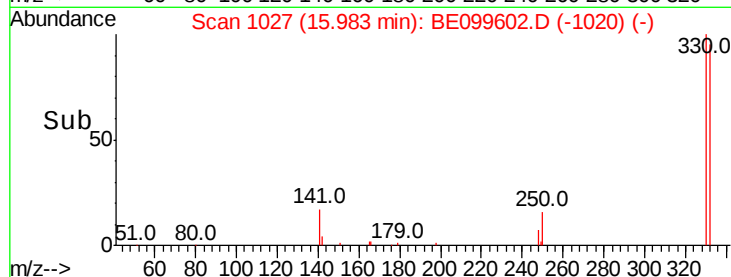
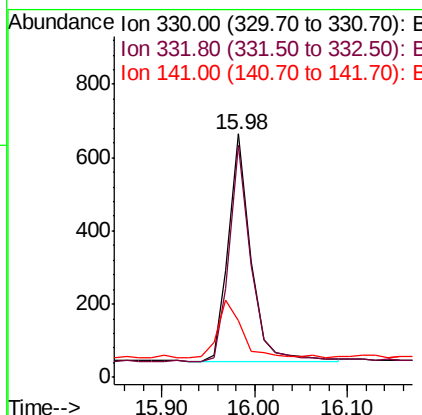
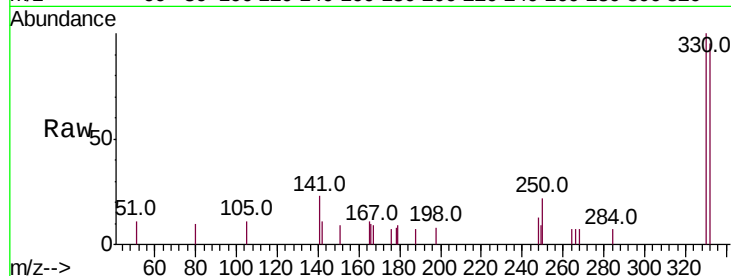




#14
 2,4,6-Tribromophenol
 Concen: 0.344 ng
 RT: 15.98 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BE099602.D
 Acq: 10 May 2019 17:07

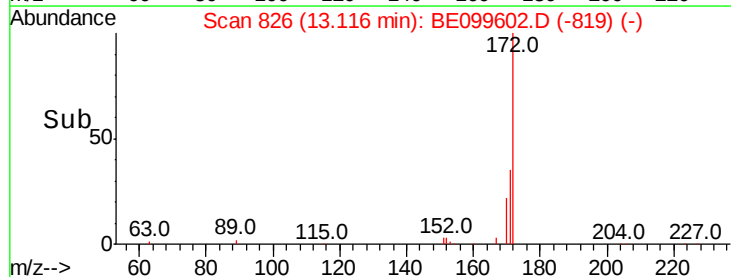
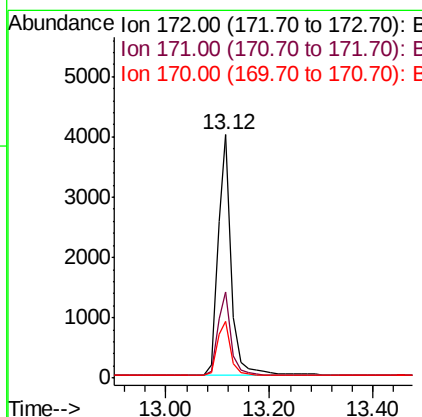
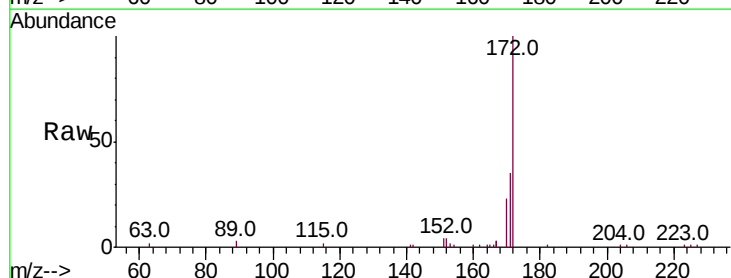
Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-WK-2

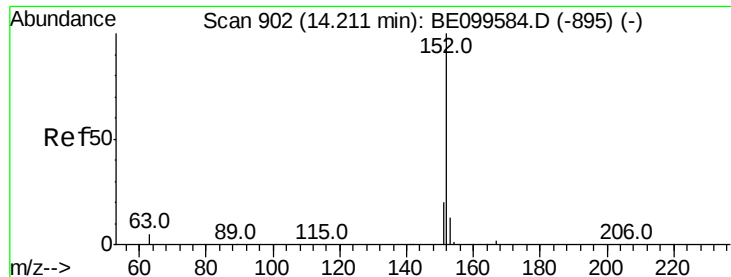
Tot Ion:330 Resp: 1039
 Ion Ratio Lower Upper
 330 100
 332 92.3 78.7 118.1
 141 25.7 22.3 33.5



#15
 2-Fluorobiphenyl
 Concen: 0.366 ng
 RT: 13.12 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BE099602.D
 Acq: 10 May 2019 17:07

Tgt Ion:172 Resp: 7229
 Ion Ratio Lower Upper
 172 100
 171 35.3 27.5 41.3
 170 23.4 19.1 28.7

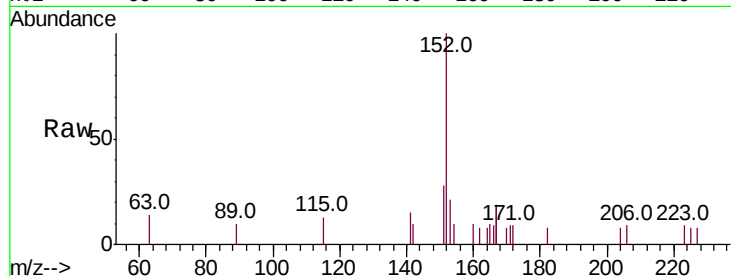




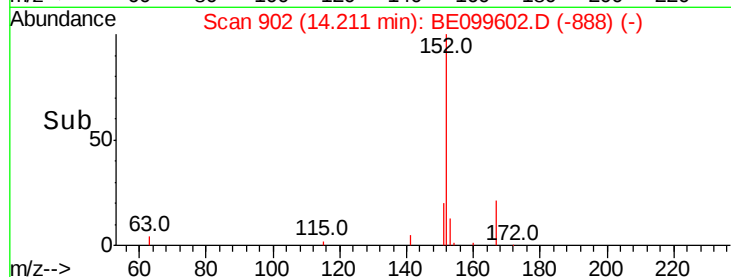
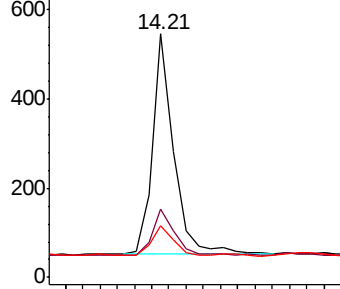
#16
Acenaphthylene
Concen: 0.034 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE099602.D
Acq: 10 May 2019 17:07

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-WK-2

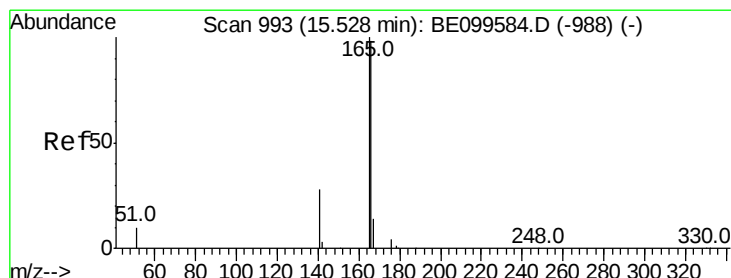
Tot Ion	Ratio	Lower	Upper
152	100		
151	23.1	15.5	23.3
153	14.8	10.2	15.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

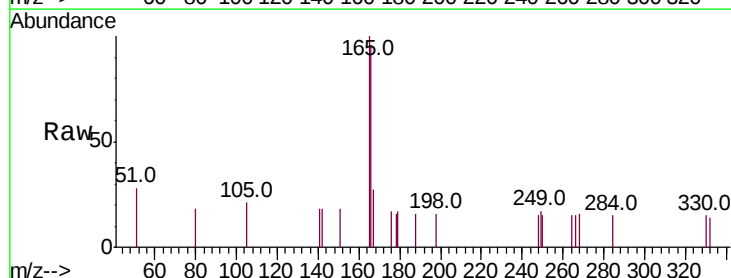


Time-->

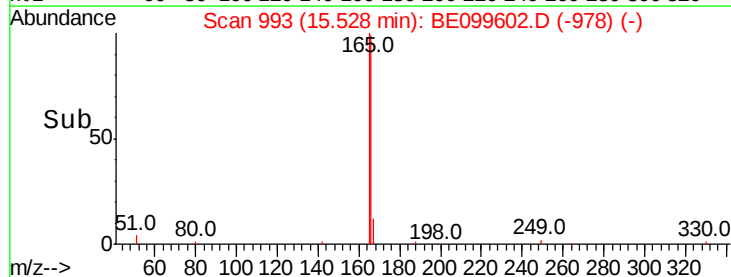
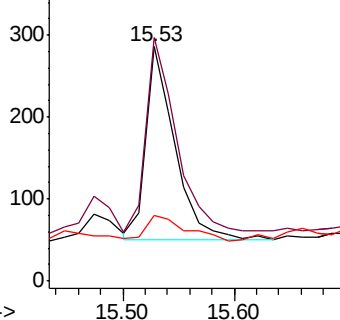


#18
Fluorene
Concen: 0.022 ng
RT: 15.53 min Scan# 993
Delta R.T. -0.00 min
Lab File: BE099602.D
Acq: 10 May 2019 17:07

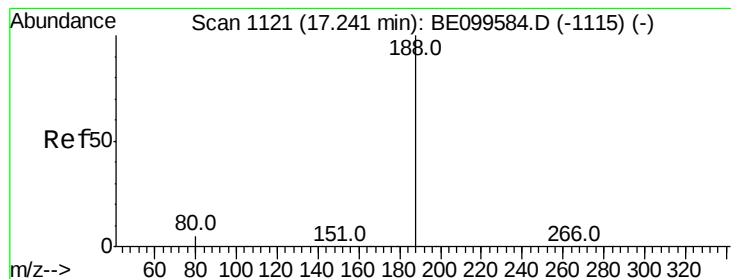
Tgt Ion	Ratio	Lower	Upper
166	100		
165	105.1	80.5	120.7
167	17.8	11.6	17.4#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



Time-->



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BE099602.D

Acq: 10 May 2019 17:07

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-WK-2

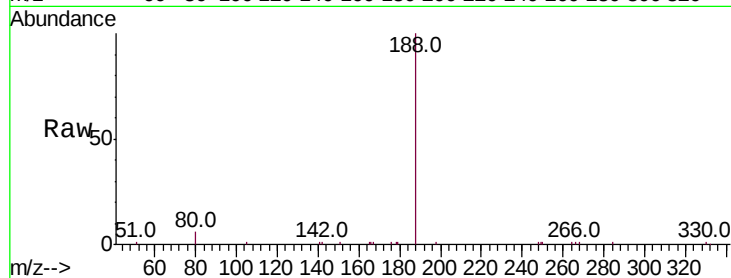
Tot Ion:188 Resp: 14537

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

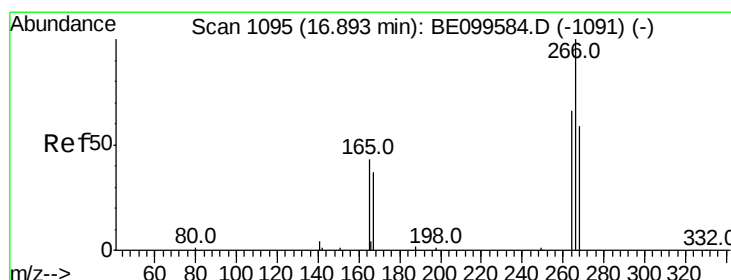
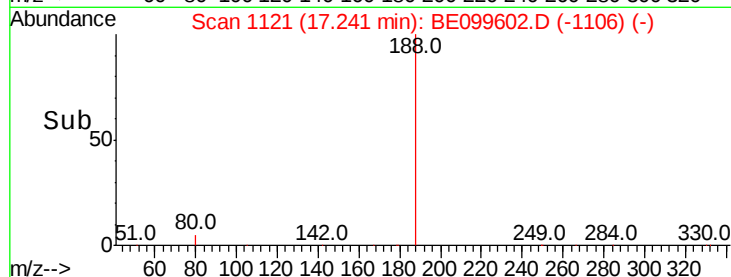
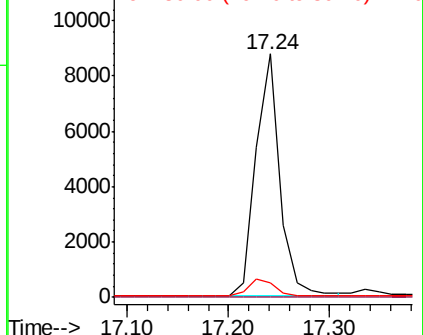
80 6.1 4.4 6.6



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: 0.252 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BE099602.D

Acq: 10 May 2019 17:07

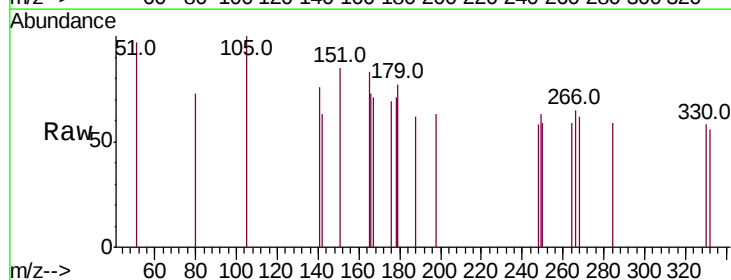
Tgt Ion:266 Resp: 14

Ion Ratio Lower Upper

266 100

264 90.2 57.3 85.9#

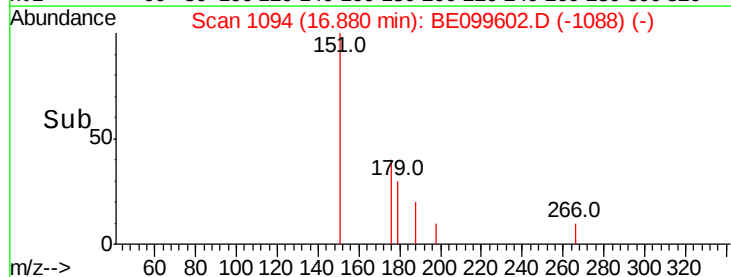
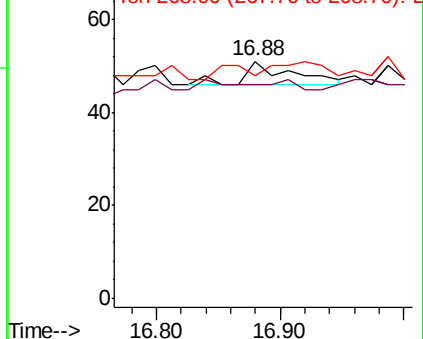
268 94.1 53.5 80.3#

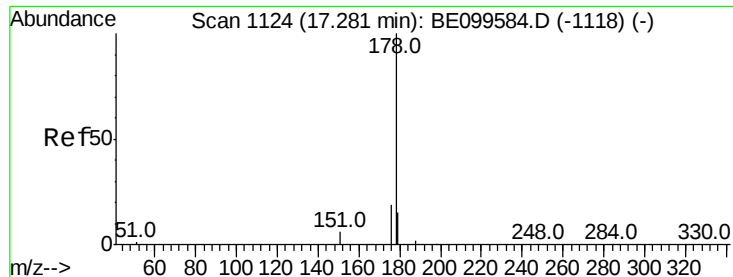


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.108 ng

RT: 17.28 min Scan# 1124

Delta R.T. -0.00 min

Lab File: BE099602.D

Acq: 10 May 2019 17:07

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-WK-2

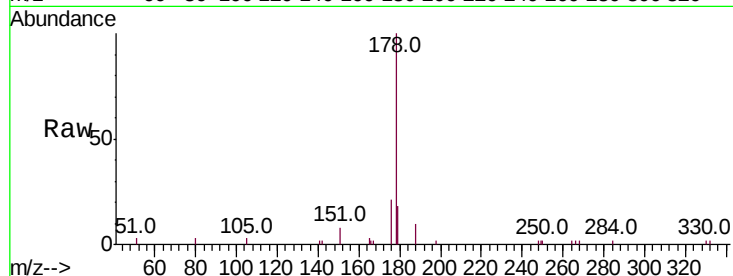
Tot Ion:178 Resp: 3900

Ion Ratio Lower Upper

178 100

176 19.9 15.8 23.6

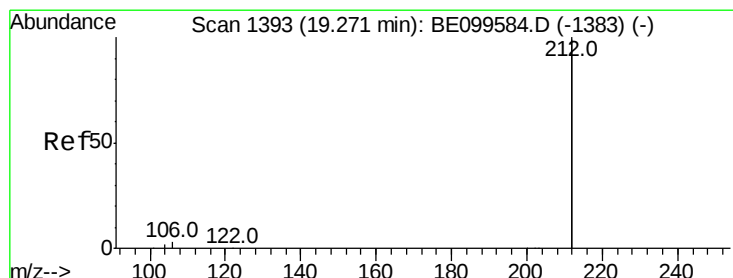
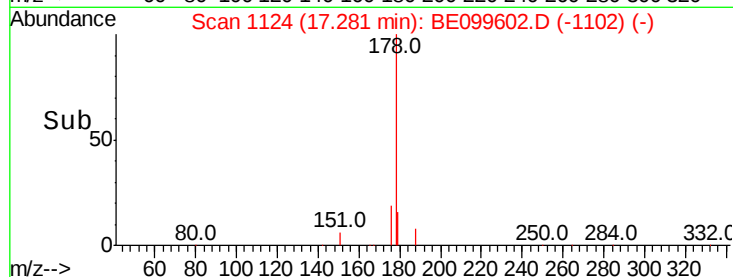
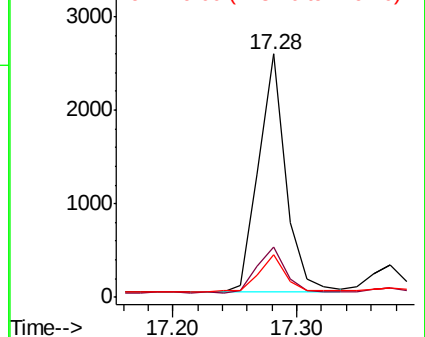
179 15.5 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#25

Fluoranthene-d10

Concen: 0.371 ng

RT: 19.27 min Scan# 1393

Delta R.T. -0.00 min

Lab File: BE099602.D

Acq: 10 May 2019 17:07

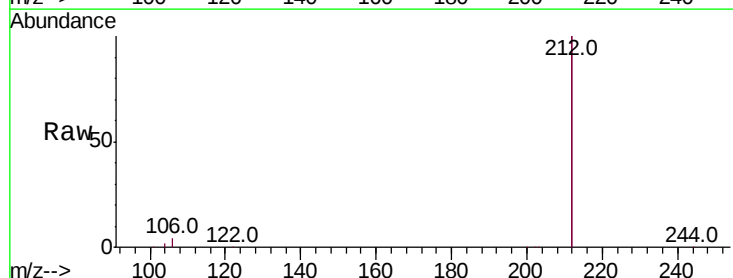
Tgt Ion:212 Resp: 70947

Ion Ratio Lower Upper

212 100

106 1.9 1.4 2.2

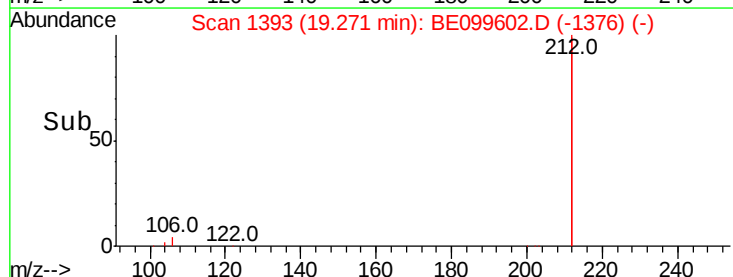
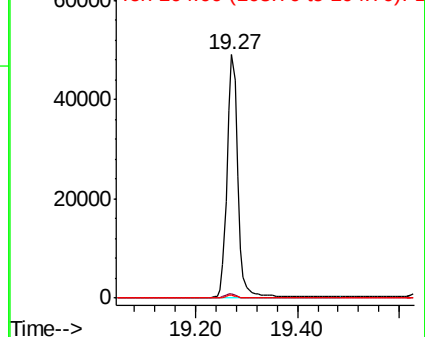
104 1.1 0.9 1.3

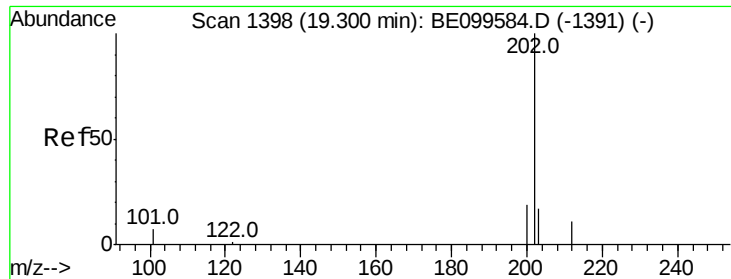


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

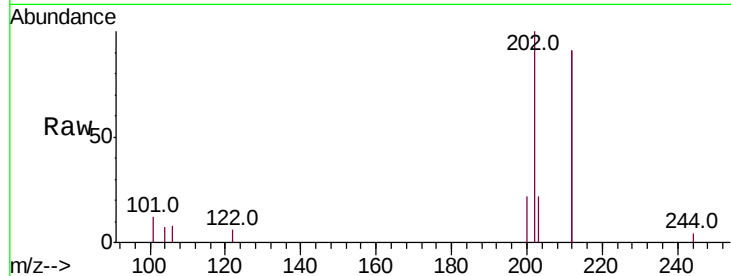




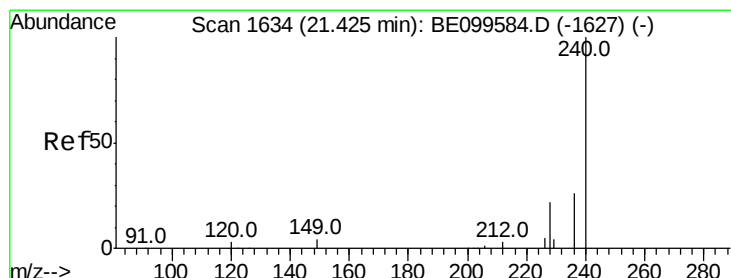
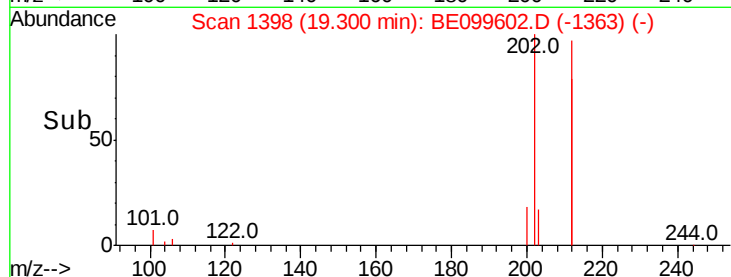
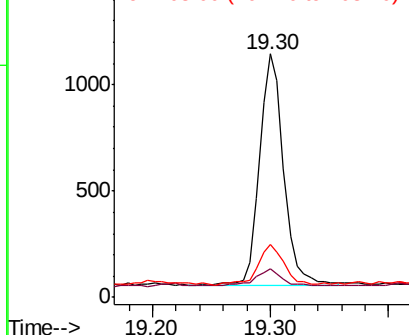
#26
 Fluoranthene
 Concen: 0.029 ng
 RT: 19.30 min Scan# 1398
 Delta R.T. -0.00 min
 Lab File: BE099602.D
 Acq: 10 May 2019 17:07

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-WK-2

Tot Ion:202 Resp: 1563
 Ion Ratio Lower Upper
 202 100
 101 8.5 5.4 8.2#
 203 18.8 13.7 20.5

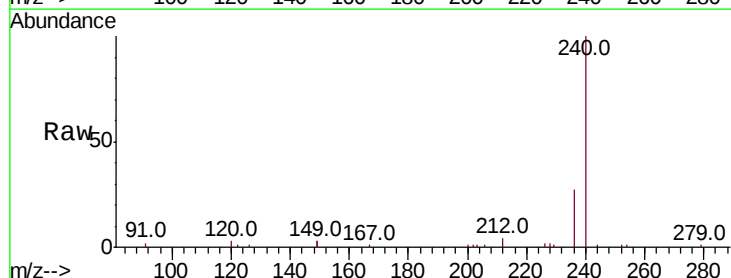


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

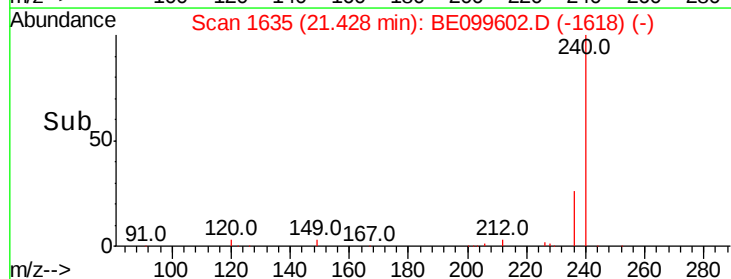
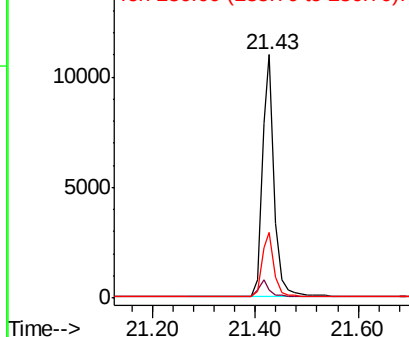


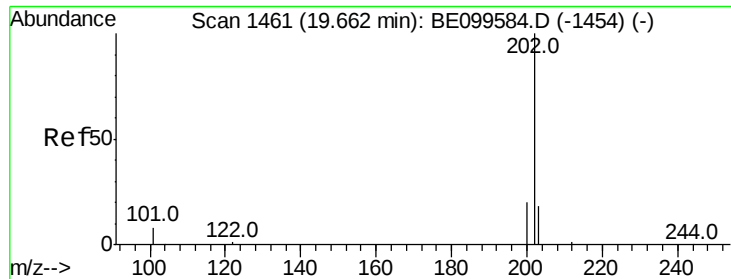
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.43 min Scan# 1635
 Delta R.T. 0.00 min
 Lab File: BE099602.D
 Acq: 10 May 2019 17:07

Tgt Ion:240 Resp: 17987
 Ion Ratio Lower Upper
 240 100
 120 3.4 3.2 4.8
 236 26.9 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

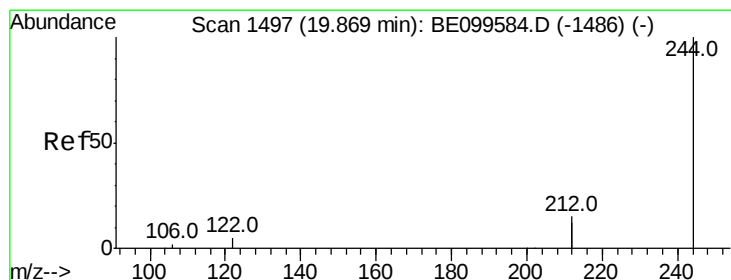
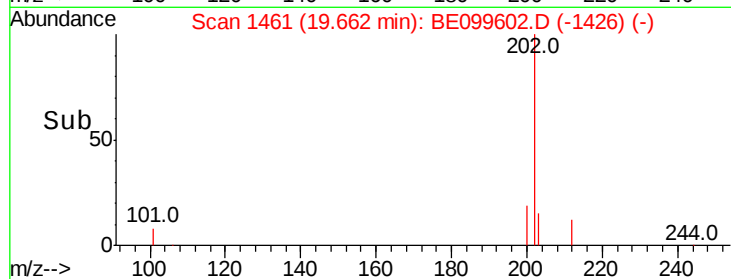
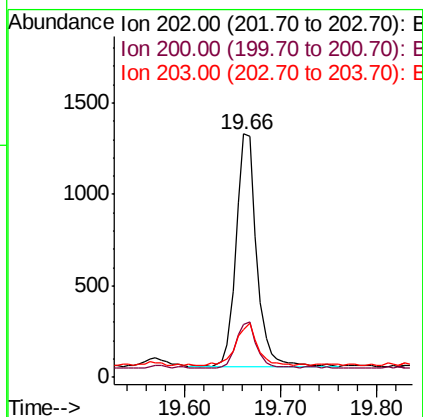
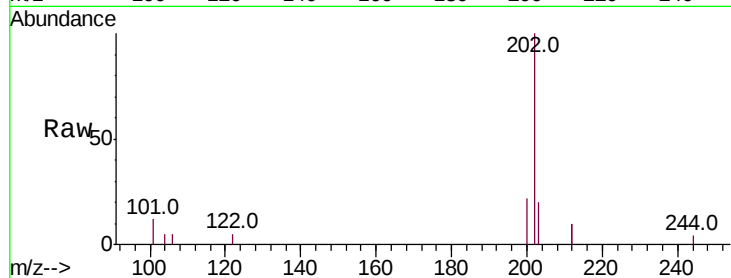




#28
Pvrene
Concen: 0.040 ng
RT: 19.66 min Scan# 1461
Delta R.T. -0.00 min
Lab File: BE099602.D
Acq: 10 May 2019 17:07

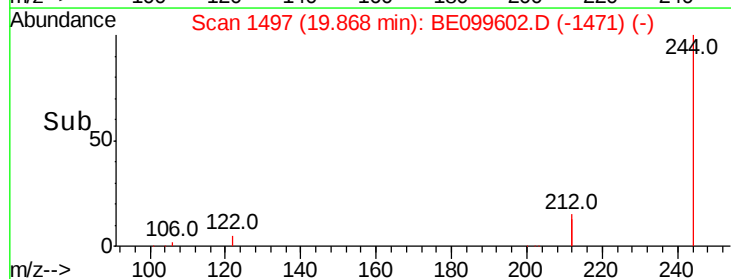
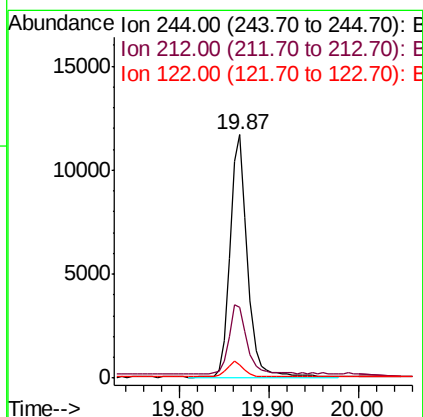
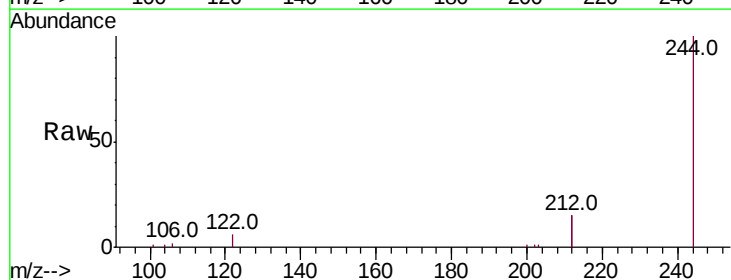
Instrument :
BNA_E
ClientSampleId :
OUTFALL001-WK-2

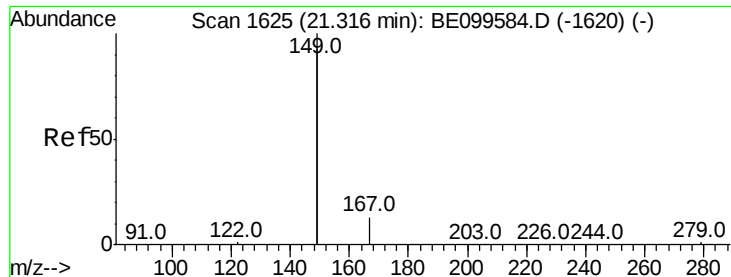
Tot Ion:202 Resp: 1886
Ion Ratio Lower Upper
202 100
200 19.7 15.9 23.9
203 19.4 14.1 21.1



#29
Terphenyl-d14
Concen: 0.481 ng
RT: 19.87 min Scan# 1497
Delta R.T. -0.00 min
Lab File: BE099602.D
Acq: 10 May 2019 17:07

Tgt Ion:244 Resp: 15384
Ion Ratio Lower Upper
244 100
212 29.3 24.4 36.6
122 5.6 4.6 6.8





#32

Bis(2-ethylhexyl)phthalate

Concen: 1.655 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE099602.D

Acq: 10 May 2019 17:07

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-WK-2

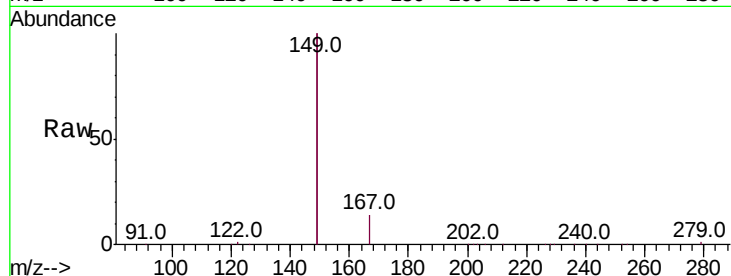
Tot Ion:149 Resp: 130654

Ion Ratio Lower Upper

149 100

167 7.4 6.0 9.0

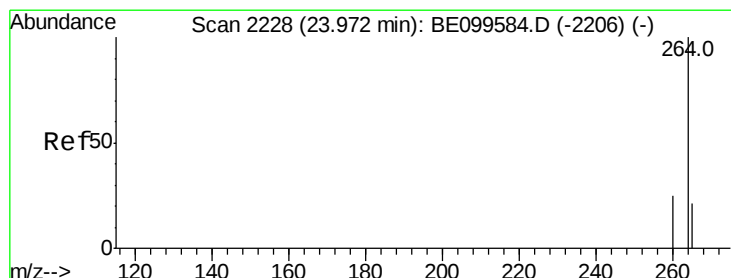
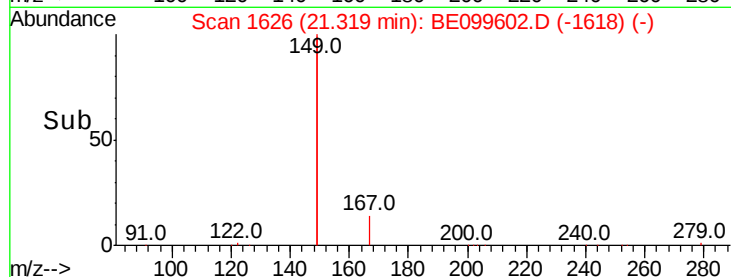
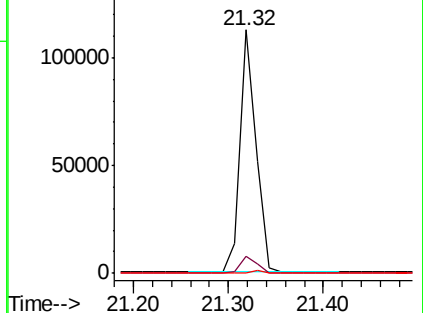
279 1.3 1.1 1.7



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: BE099602.D

Acq: 10 May 2019 17:07

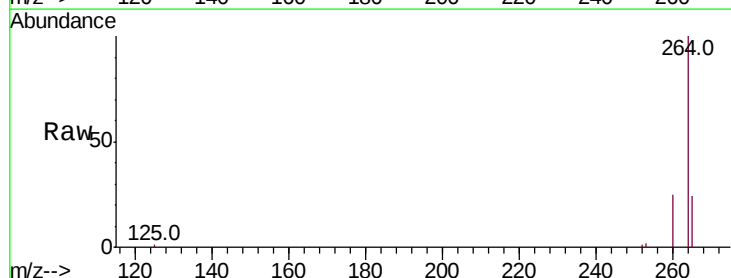
Tgt Ion:264 Resp: 20879

Ion Ratio Lower Upper

264 100

260 25.1 20.3 30.5

265 24.5 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

