

Data File : BE098497.D
Acq On : 16 Dec 2018 8:00
Operator : SJ/JU
Sample : J6398-14
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C-MW-09-121118

Quant Time: Dec 17 02:03:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 14:59:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	807	0.40	ng	-0.01
7) Naphthalene-d8	10.65	136	3311	0.40	ng	-0.01
13) Acenaphthene-d10	14.52	164	2069	0.40	ng	-0.01
19) Phenanthrene-d10	17.27	188	5400	0.40	ng	-0.01
27) Chrysene-d12	21.45	240	6960	0.40	ng	-0.01
34) Perylene-d12	23.99	264	6915	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	357	0.19	ng	0.00
5) Phenol-d6	7.03	99	350	0.13	ng	-0.01
8) Nitrobenzene-d5	9.03	82	1226	0.41	ng	0.01
11) 2-Methylnaphthalene-d10	12.25	152	2308	0.43	ng	-0.01
14) 2,4,6-Tribromophenol	16.02	330	389	0.51	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	3738	0.43	ng	0.00
25) Fluoranthene-d10	19.30	212	35827	0.52	ng	0.00
29) Terphenyl-d14	19.89	244	7113	0.42	ng	-0.01

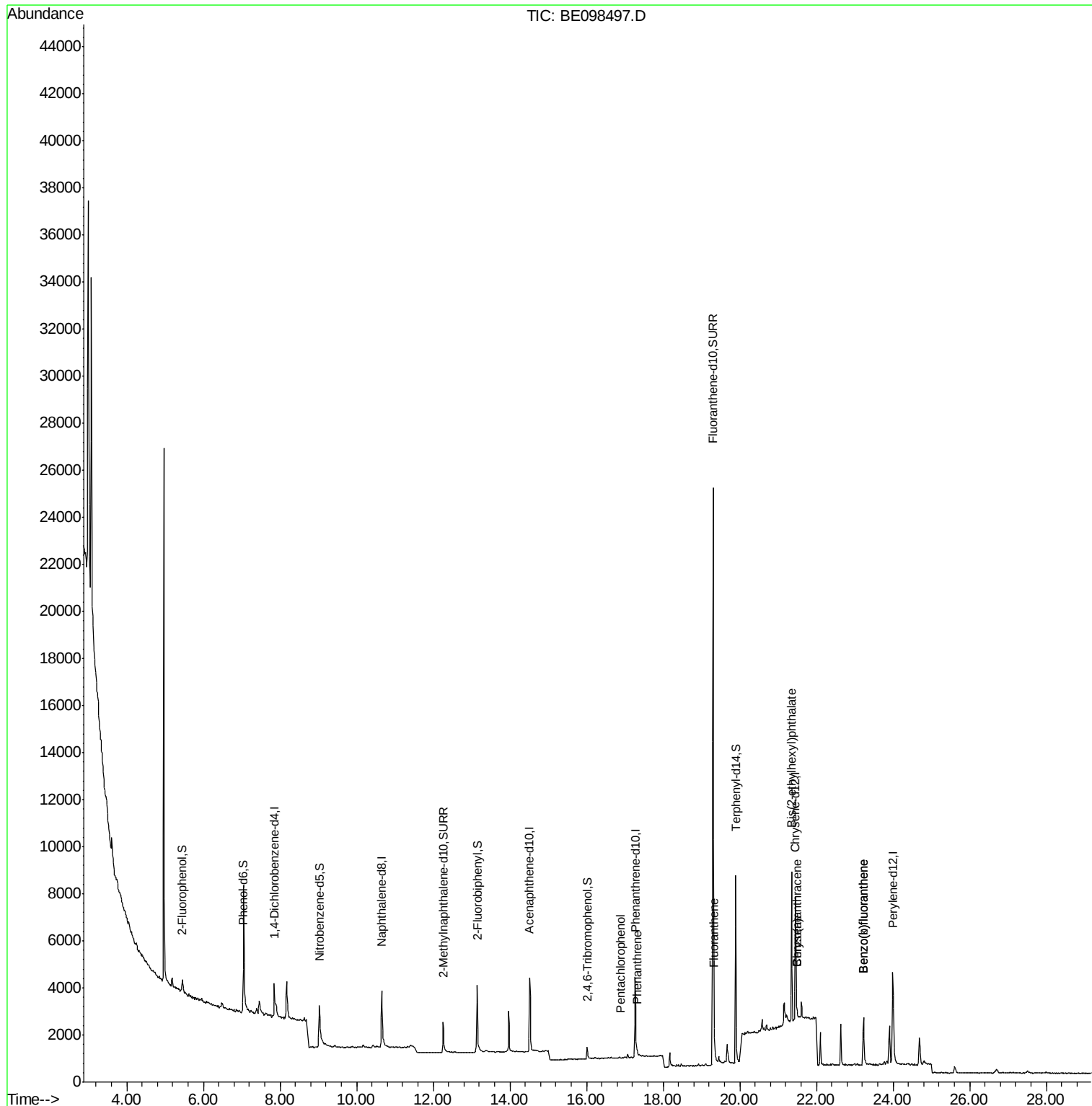
Target Compounds				Qvalue		
22) Pentachlorophenol	16.89	266	10	0.037	ng	# 69
23) Phenanthrene	17.31	178	263	0.020	ng	# 93
26) Fluoranthene	19.33	202	448	0.026	ng	# 95
30) Benzo(a)anthracene	21.50	228	493	0.025	ng	# 40
31) Chrysene	21.50	228	435	0.021	ng	# 43
32) Bis(2-ethylhexyl)phthalate	21.35	149	6881	0.171	ng	# 99
35) Benzo(b)fluoranthene	23.23	252	594	0.031	ng	# 1
36) Benzo(k)fluoranthene	23.23	252	594	0.027	ng	# 1

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

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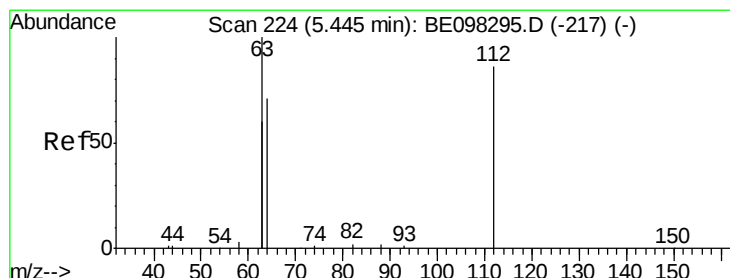
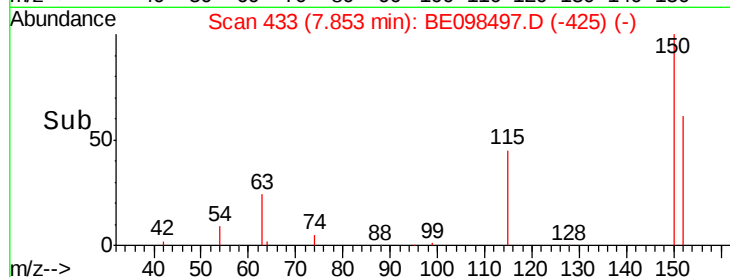
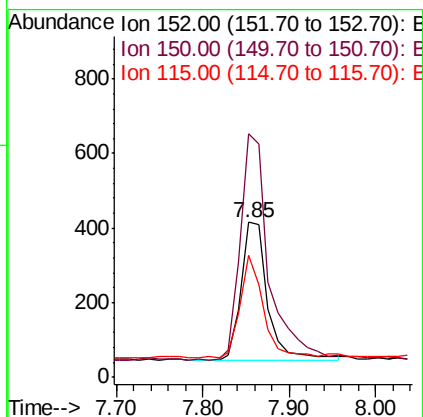
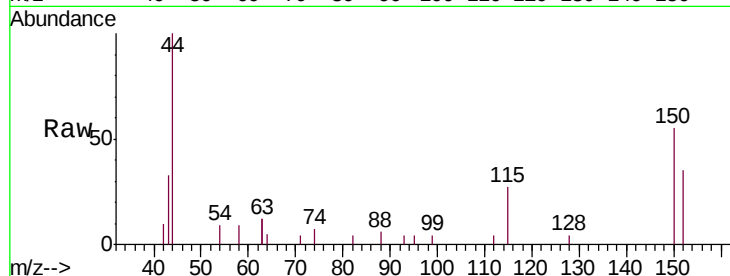




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.85 min Scan# 433
 Delta R.T. -0.01 min
 Lab File: BE098497.D
 Acq: 16 Dec 2018 8:00

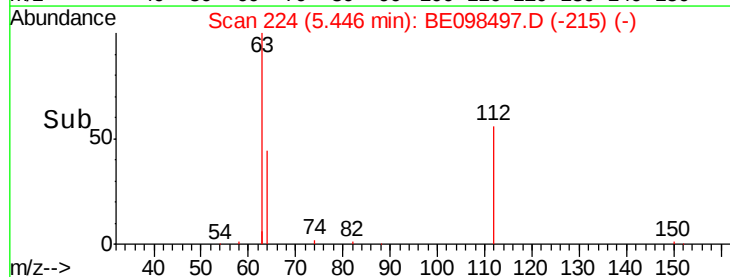
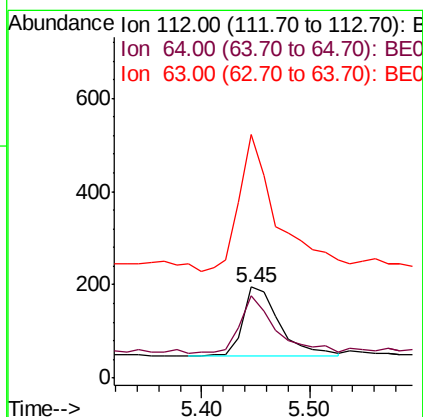
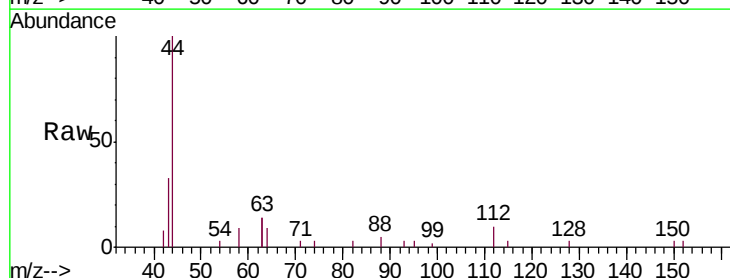
Instrument :
 BNA_E
 ClientSampleId :
 C-MW-09-121118

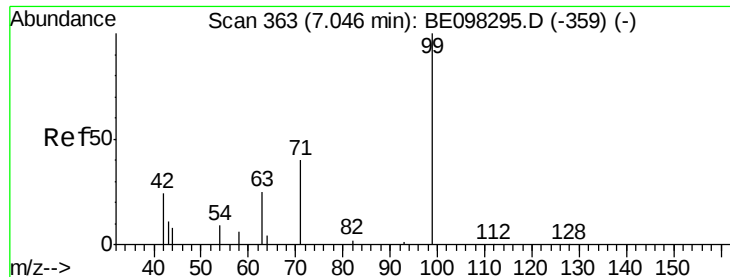
Tgt Ion:152 Resp: 807
 Ion Ratio Lower Upper
 152 100
 150 157.0 124.2 186.4
 115 78.6 53.9 80.9



#4
 2-Fluorophenol
 Concen: 0.189 ng
 RT: 5.45 min Scan# 224
 Delta R.T. 0.00 min
 Lab File: BE098497.D
 Acq: 16 Dec 2018 8:00

Tgt Ion:112 Resp: 357
 Ion Ratio Lower Upper
 112 100
 64 73.7 59.8 89.8
 63 205.0 133.7 200.5#





#5

Phenol-d6

Concen: 0.131 ng

RT: 7.03 min Scan# 362

Delta R.T. -0.01 min

Lab File: BE098497.D

Acq: 16 Dec 2018 8:00

Instrument :

BNA_E

ClientSampleId :

C-MW-09-121118

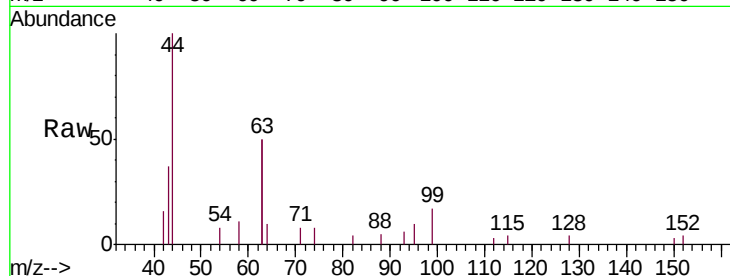
Tgt Ion: 99 Resp: 350

Ion Ratio Lower Upper

99 100

42 0.0 26.3 39.5#

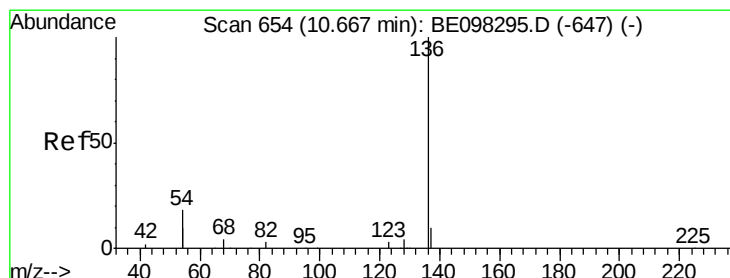
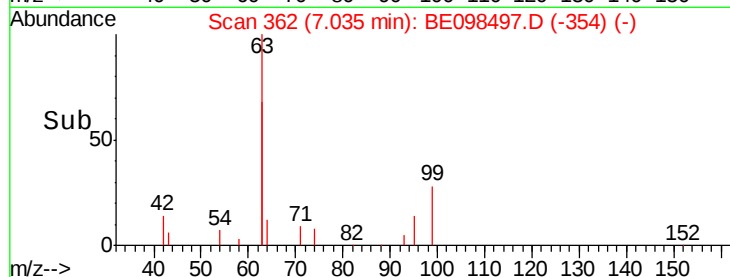
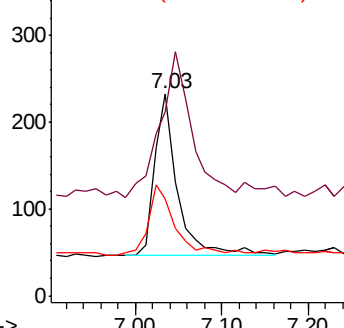
71 48.3 33.6 50.4



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE098497.D

Acq: 16 Dec 2018 8:00

Tgt Ion: 136 Resp: 3311

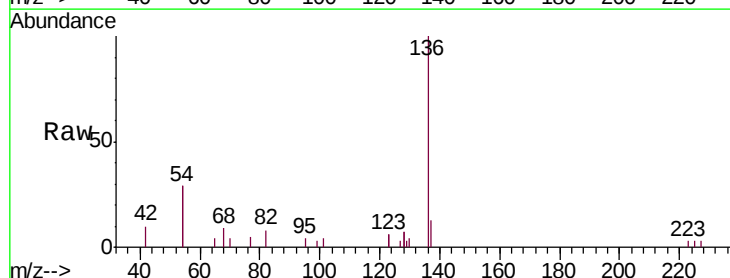
Ion Ratio Lower Upper

136 100

137 13.5 9.2 13.8

54 57.9 28.4 42.6#

68 9.3 5.4 8.0#

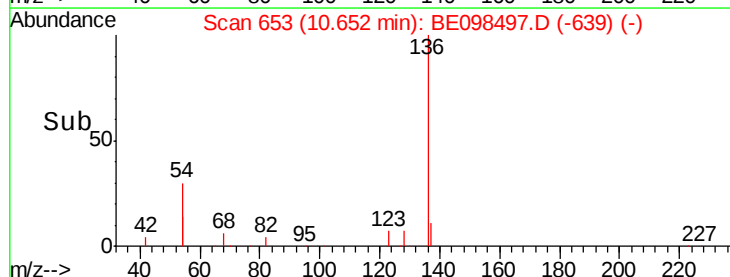
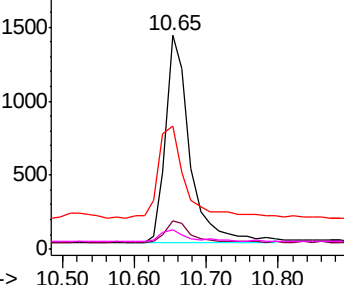


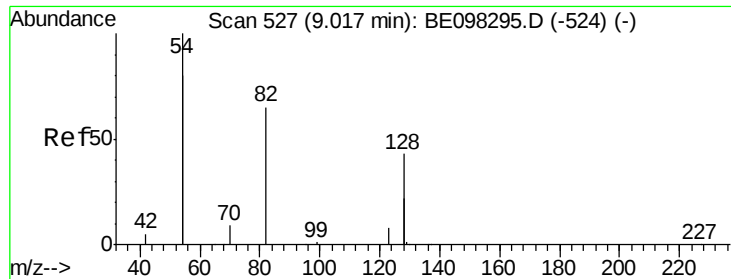
Abundance Ion 136.00 (135.70 to 136.70): E

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

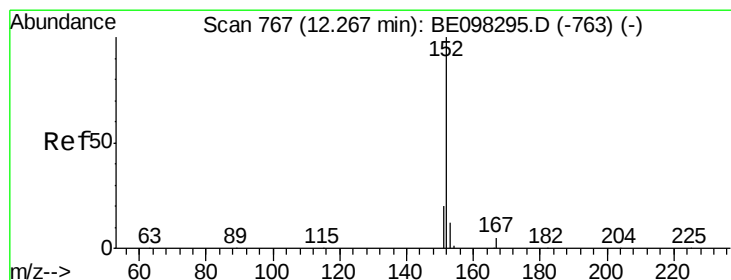
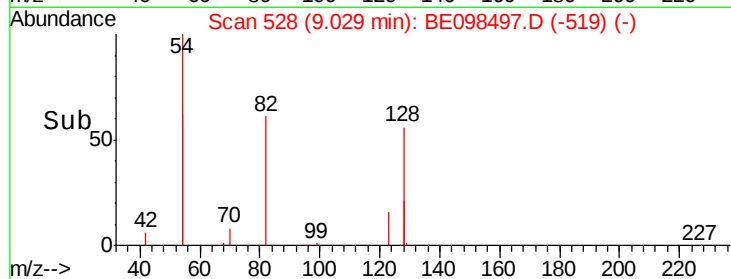
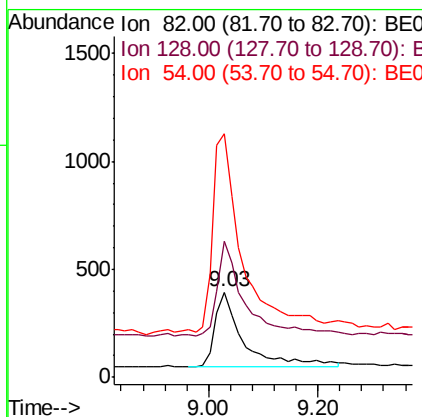
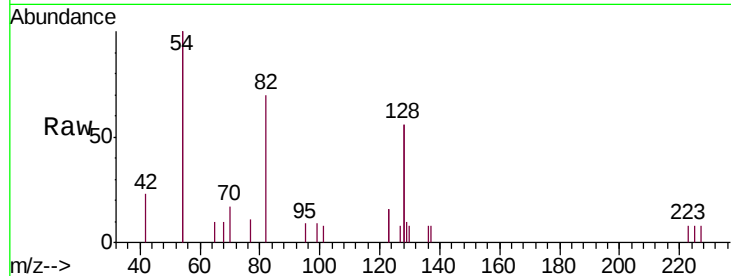




#8
 Nitrobenzene-d5
 Concen: 0.407 ng
 RT: 9.03 min Scan# 528
 Delta R.T. 0.01 min
 Lab File: BE098497.D
 Acq: 16 Dec 2018 8:00

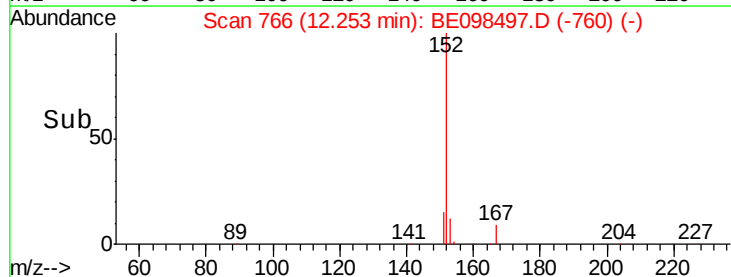
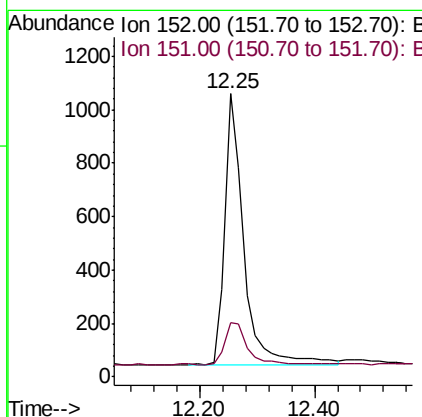
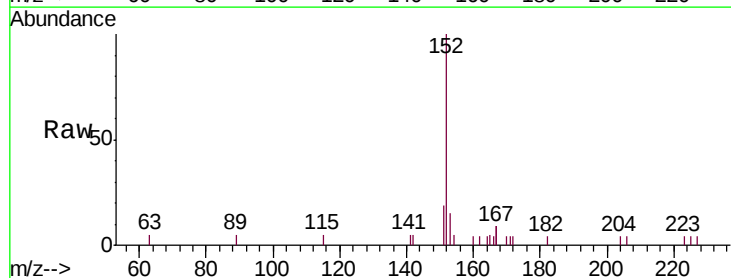
Instrument :
 BNA_E
 ClientSampleId :
 C-MW-09-121118

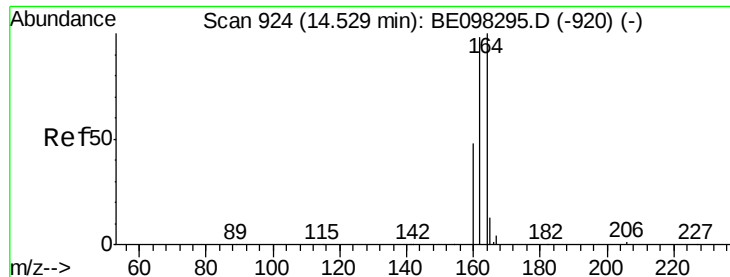
Tgt Ion	Ratio	Lower	Upper
82	100		
128	159.0	102.4	153.6#
54	285.6	221.8	332.8



#11
 2-Methylnaphthalene-d10
 Concen: 0.429 ng
 RT: 12.25 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: BE098497.D
 Acq: 16 Dec 2018 8:00

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.2	24.4





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.52 min Scan# 923

Delta R.T. -0.01 min

Lab File: BE098497.D

Acq: 16 Dec 2018 8:00

Instrument :

BNA_E

ClientSampleId :

C-MW-09-121118

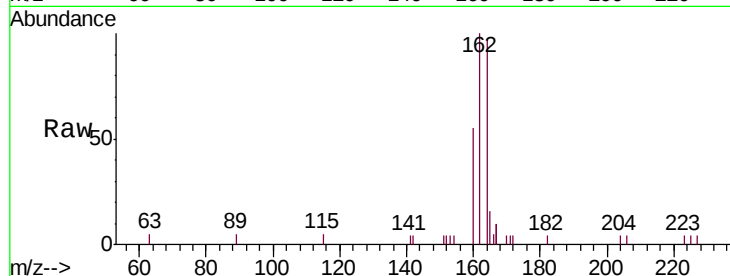
Tgt Ion:164 Resp: 2069

Ion Ratio Lower Upper

164 100

162 103.4 77.6 116.4

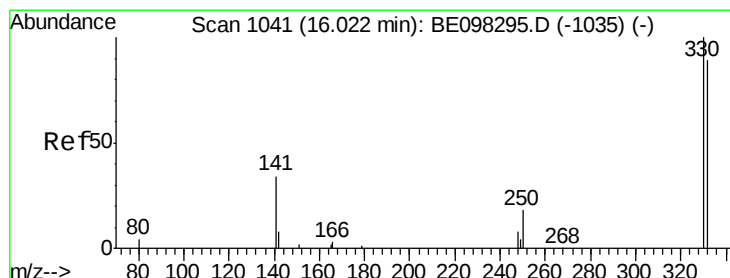
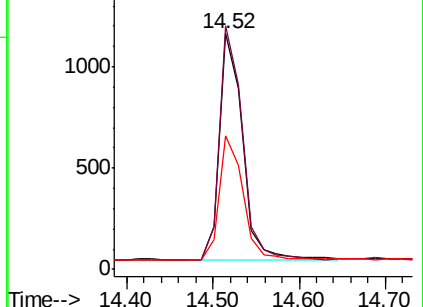
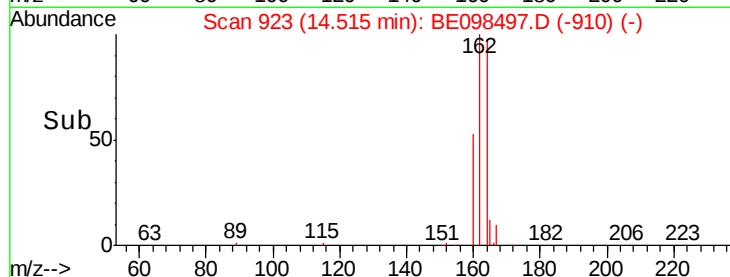
160 56.5 36.0 54.0#



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: 0.512 ng

RT: 16.02 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BE098497.D

Acq: 16 Dec 2018 8:00

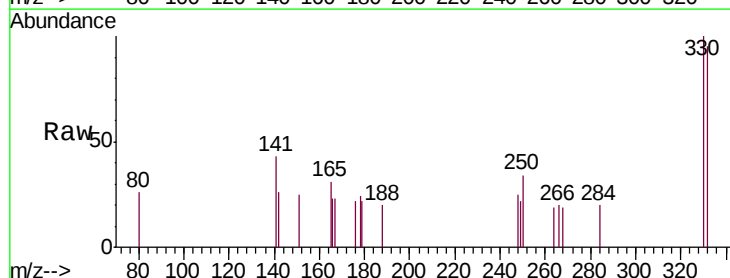
Tgt Ion:330 Resp: 389

Ion Ratio Lower Upper

330 100

332 99.5 76.2 114.4

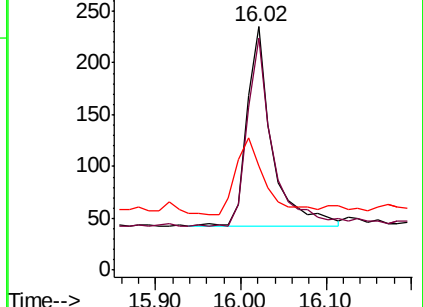
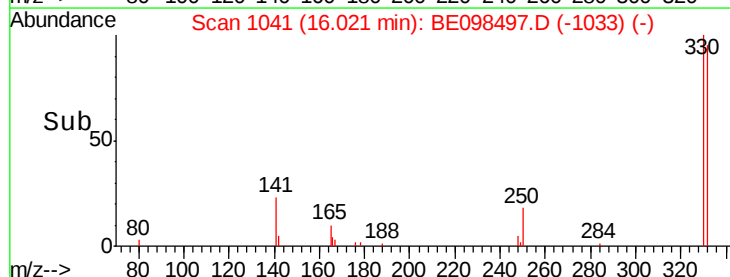
141 45.5 39.0 58.4

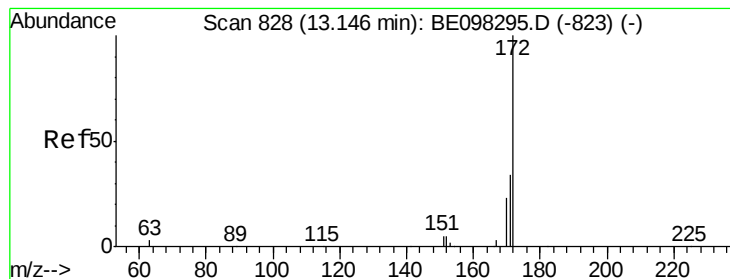


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

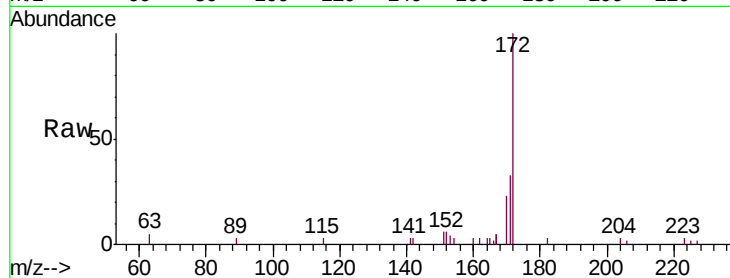




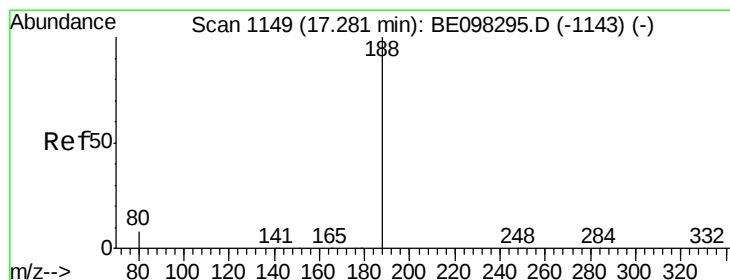
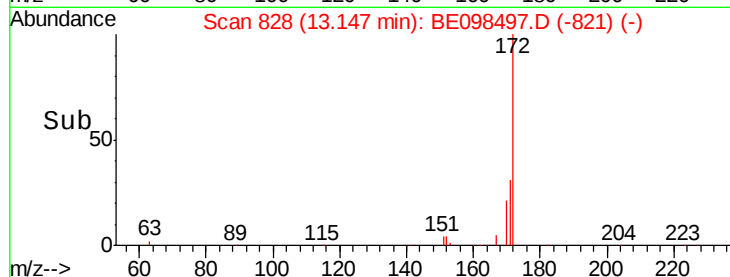
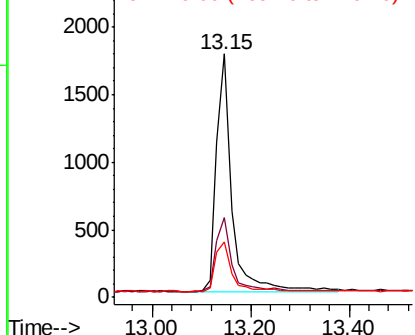
#15
 2-Fluorobiphenyl
 Concen: 0.428 ng
 RT: 13.15 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BE098497.D
 Acq: 16 Dec 2018 8:00

Instrument :
 BNA_E
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Tgt Ion:172 Resp: 3738
 Ion Ratio Lower Upper
 172 100
 171 32.6 27.5 41.3
 170 22.6 19.6 29.4

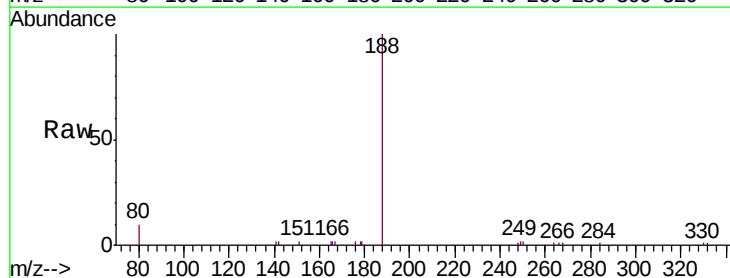


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

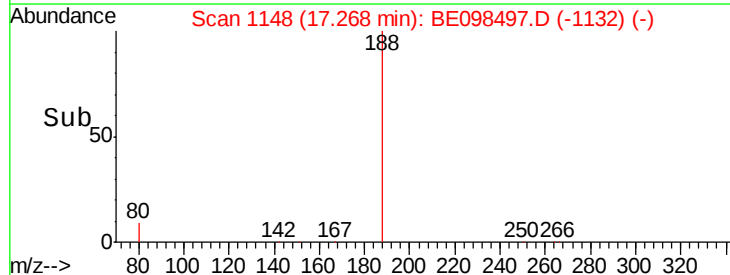
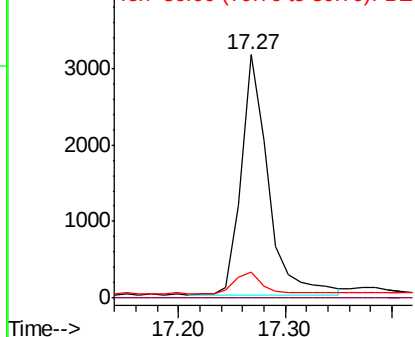


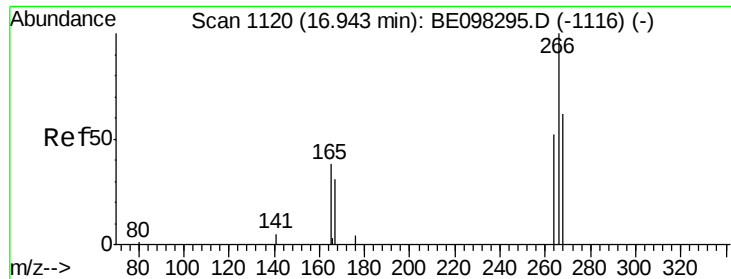
#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.27 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BE098497.D
 Acq: 16 Dec 2018 8:00

Tgt Ion:188 Resp: 5400
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 10.5 7.2 10.8



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: 0.037 ng

RT: 16.89 min Scan# 1116

Delta R.T. -0.05 min

Lab File: BE098497.D

Acq: 16 Dec 2018 8:00

Instrument :

BNA_E

ClientSampleId :

C-MW-09-121118

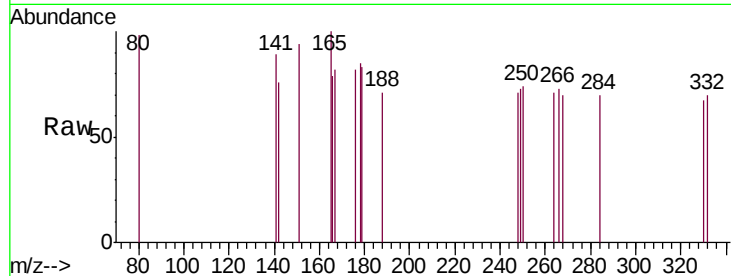
Tgt Ion:266 Resp: 10

Ion Ratio Lower Upper

266 100

264 97.9 59.0 88.4#

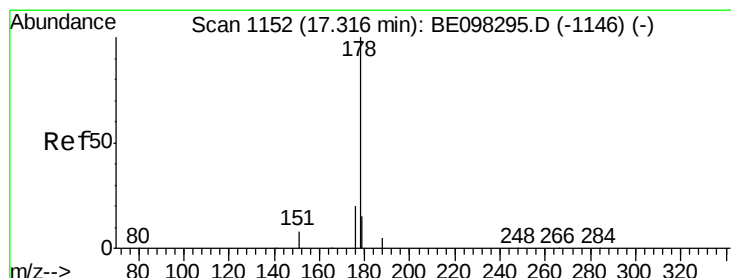
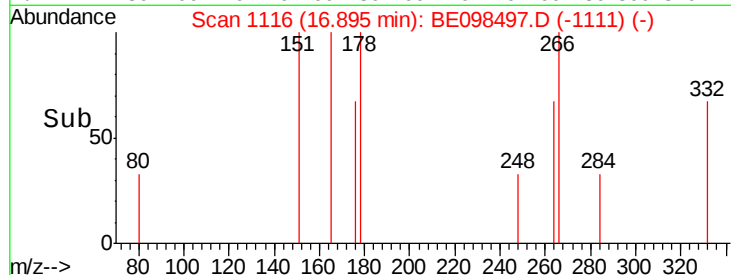
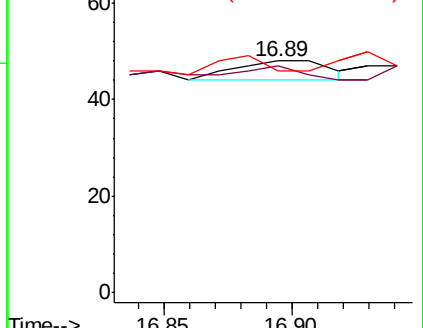
268 95.8 55.1 82.7#



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



#23

Phenanthrene

Concen: 0.020 ng

RT: 17.31 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BE098497.D

Acq: 16 Dec 2018 8:00

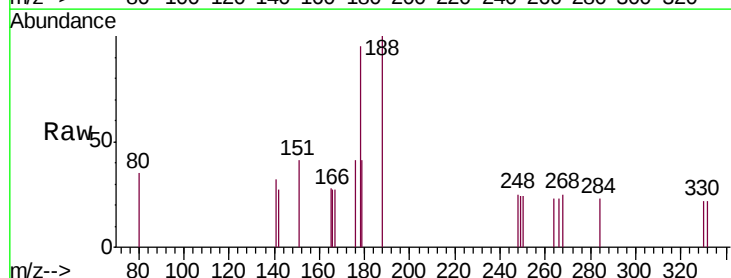
Tgt Ion:178 Resp: 263

Ion Ratio Lower Upper

178 100

176 20.9 15.9 23.9

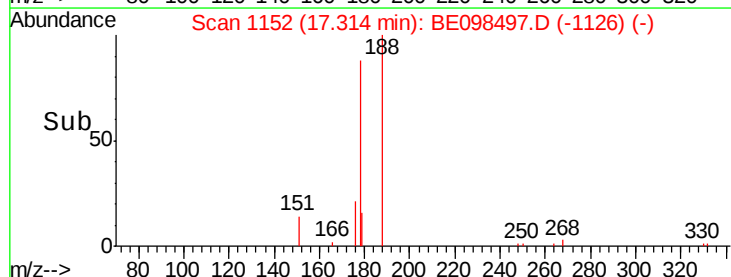
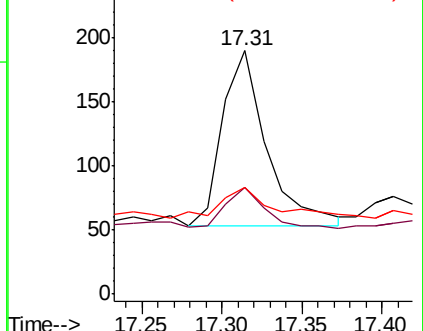
179 20.9 12.3 18.5#

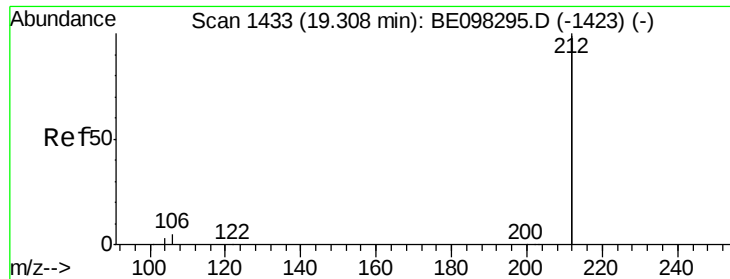


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.517 ng

RT: 19.30 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BE098497.D

Acq: 16 Dec 2018 8:00

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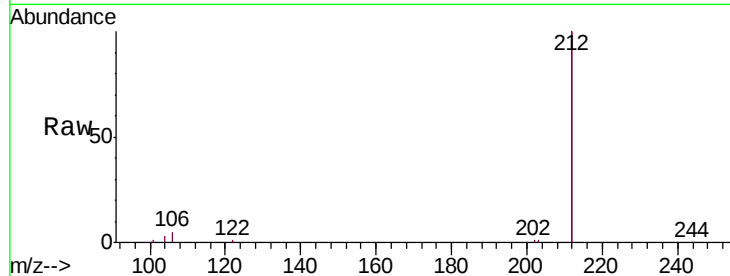
Tgt Ion: 212 Resp: 35827

Ion Ratio Lower Upper

212 100

106 2.4 2.2 3.2

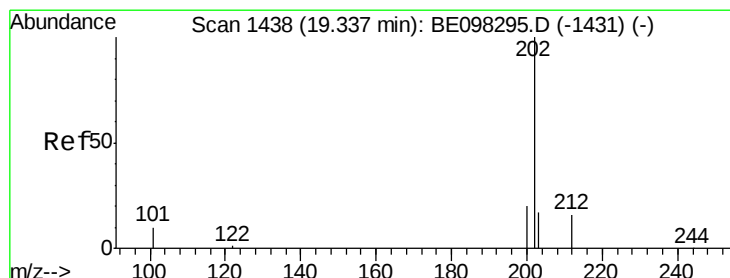
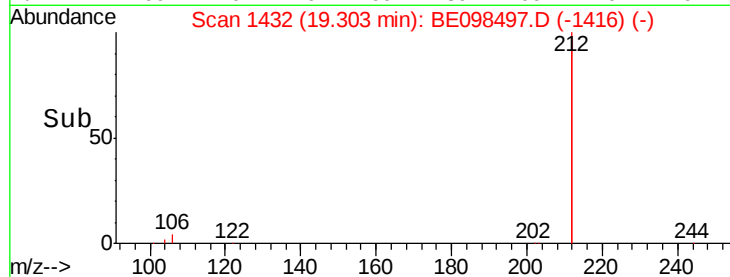
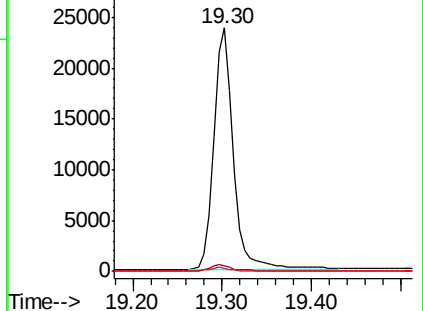
104 1.4 1.3 1.9



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: 0.026 ng

RT: 19.33 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BE098497.D

Acq: 16 Dec 2018 8:00

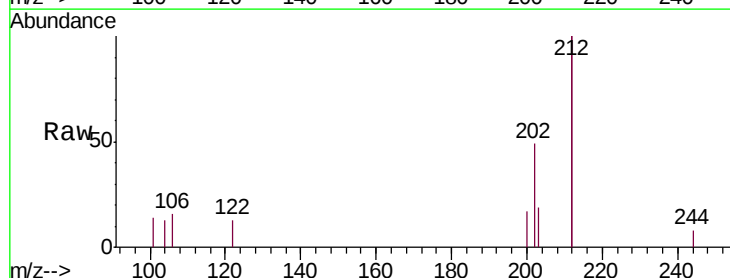
Tgt Ion: 202 Resp: 448

Ion Ratio Lower Upper

202 100

101 11.8 8.0 12.0

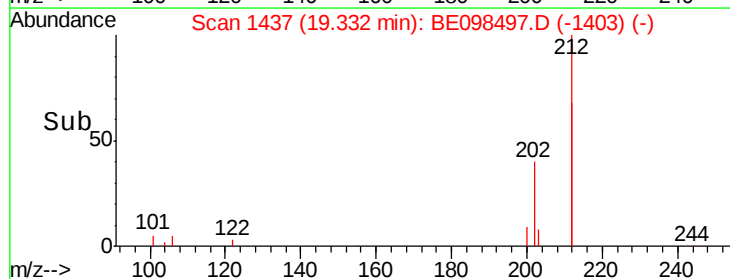
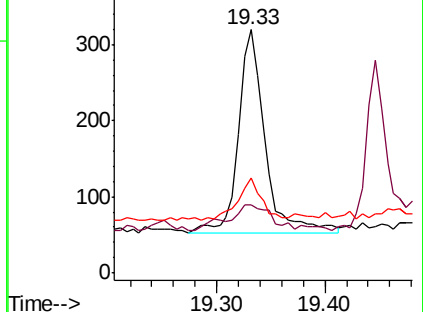
203 19.4 13.8 20.6



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: 21.45 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BE098497.D

Acq: 16 Dec 2018 8:00

Instrument :

BNA_E

ClientSampleId :

C-MW-09-121118

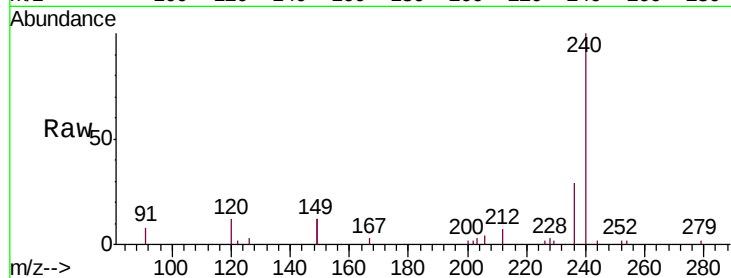
Tgt Ion:240 Resp: 6960

Ion Ratio Lower Upper

240 100

120 12.2 9.5 14.3

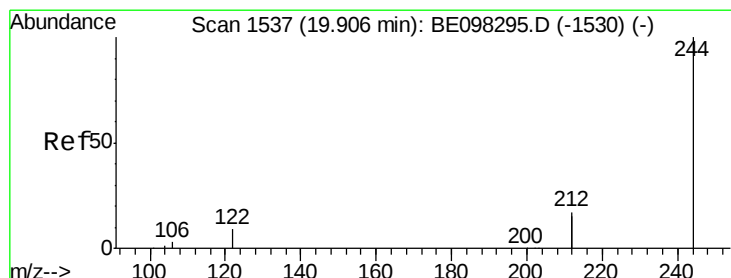
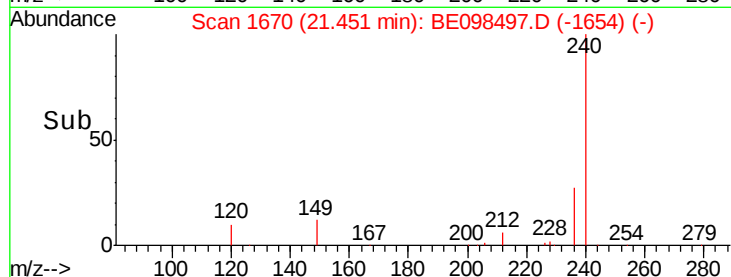
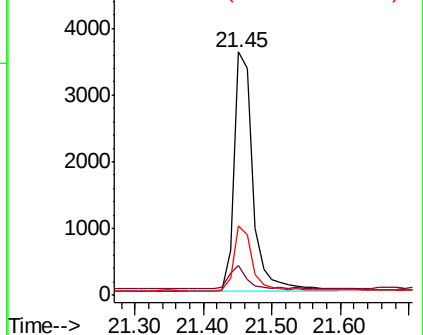
236 28.8 22.7 34.1



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: 0.421 ng

RT: 19.89 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BE098497.D

Acq: 16 Dec 2018 8:00

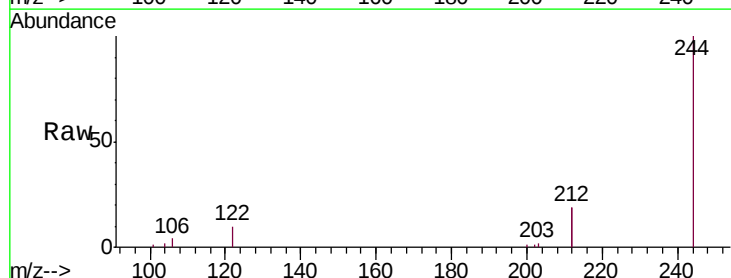
Tgt Ion:244 Resp: 7113

Ion Ratio Lower Upper

244 100

212 38.9 27.4 41.0

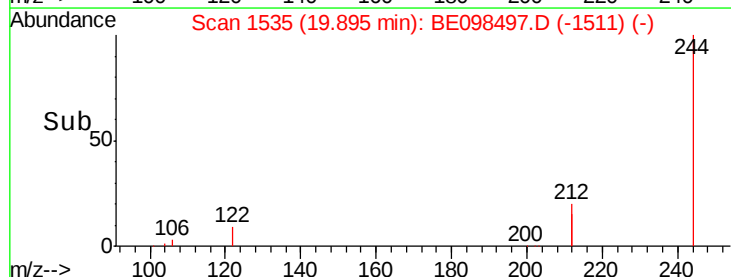
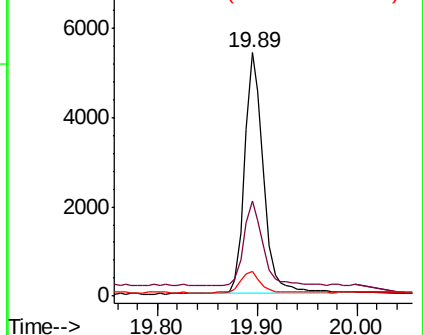
122 10.2 8.3 12.5

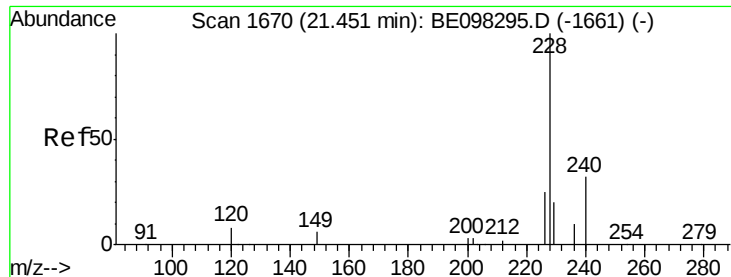


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 0.025 ng

RT: 21.50 min Scan# 1674

Delta R.T. 0.05 min

Lab File: BE098497.D

Acq: 16 Dec 2018 8:00

Instrument :

BNA_E

ClientSampleId :

C-MW-09-121118

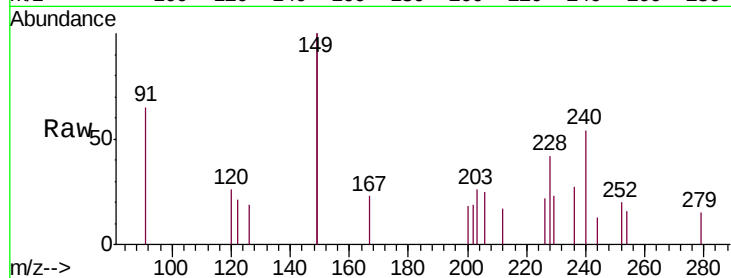
Tgt Ion:228 Resp: 493

Ion Ratio Lower Upper

228 100

226 53.0 21.8 32.8#

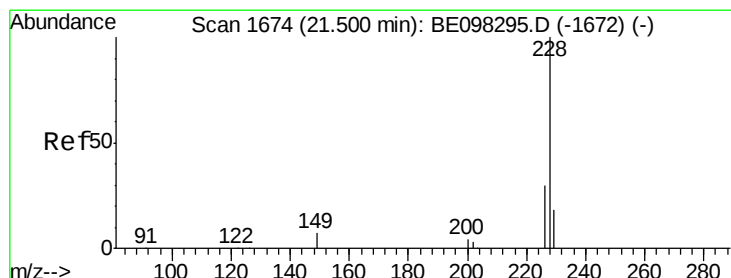
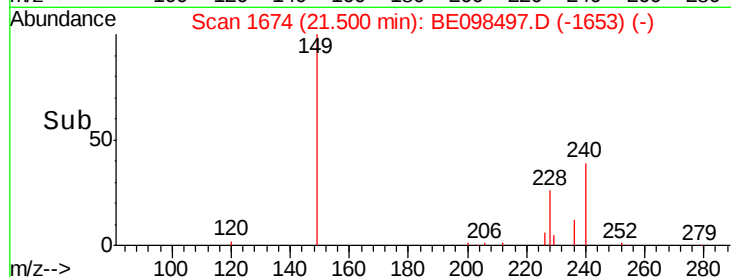
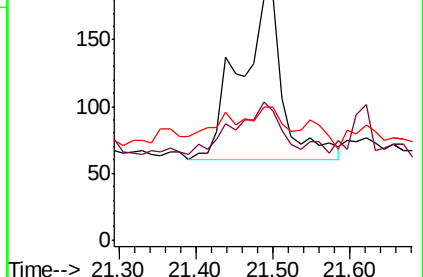
229 54.6 16.3 24.5#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#31

Chrysene

Concen: 0.021 ng

RT: 21.50 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BE098497.D

Acq: 16 Dec 2018 8:00

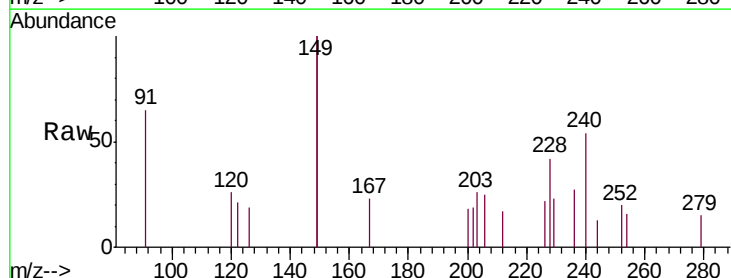
Tgt Ion:228 Resp: 435

Ion Ratio Lower Upper

228 100

226 53.0 23.4 35.0#

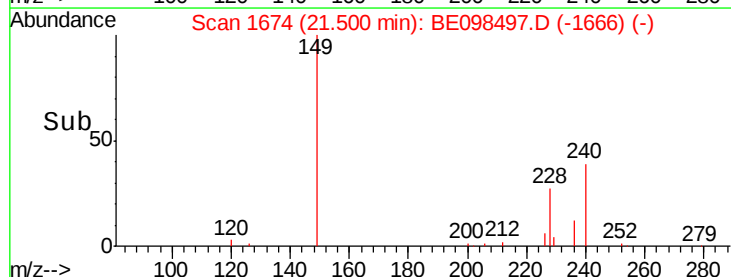
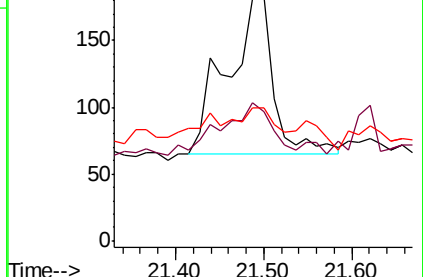
229 54.6 16.2 24.4#

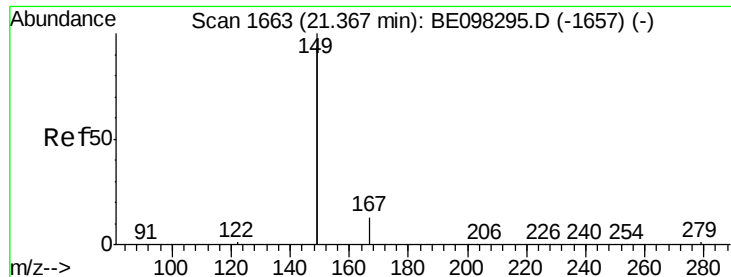


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

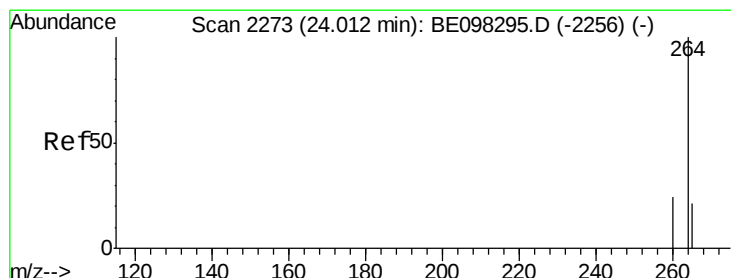
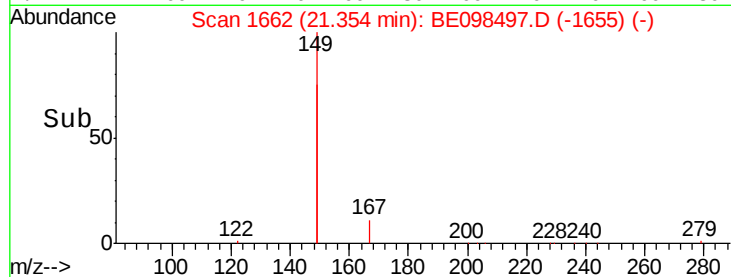
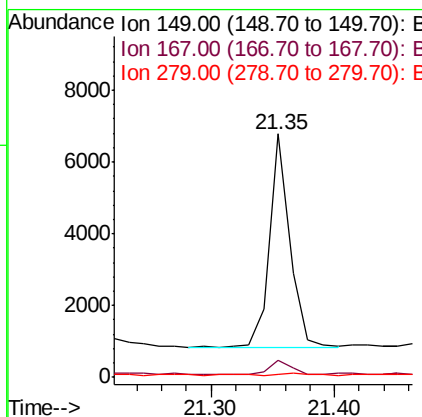
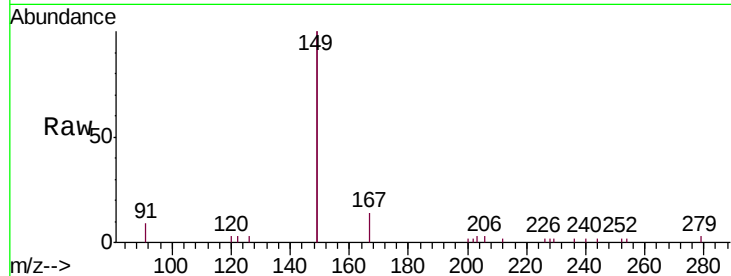




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.171 ng
 RT: 21.35 min Scan# 1662
 Delta R.T. -0.01 min
 Lab File: BE098497.D
 Acq: 16 Dec 2018 8:00

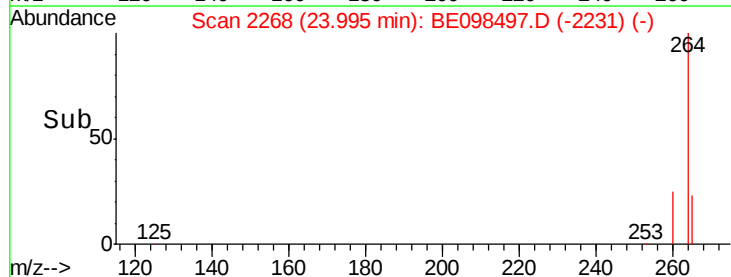
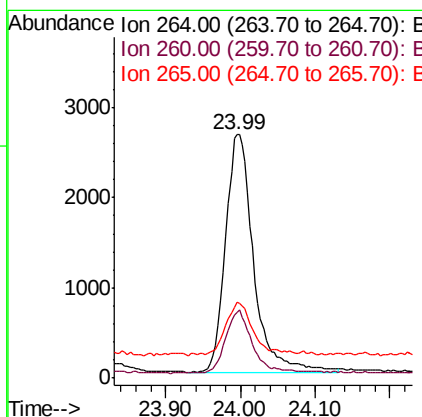
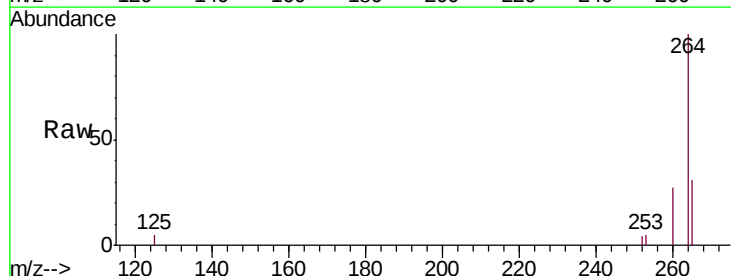
Instrument :
 BNA_E
 ClientSampleId :
 C-MW-09-121118

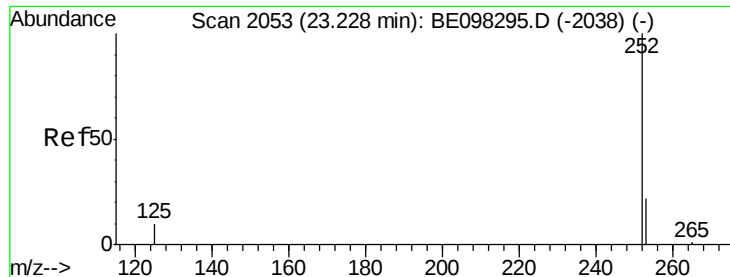
Tgt Ion: 149 Resp: 6881
 Ion Ratio Lower Upper
 149 100
 167 6.6 5.7 8.5
 279 1.2 1.0 1.4



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.99 min Scan# 2268
 Delta R.T. -0.02 min
 Lab File: BE098497.D
 Acq: 16 Dec 2018 8:00

Tgt Ion: 264 Resp: 6915
 Ion Ratio Lower Upper
 264 100
 260 26.8 20.2 30.2
 265 31.4 25.2 37.8





#35

Benzo(b)fluoranthene

Concen: 0.031 ng

RT: 23.23 min Scan# 2053

Delta R.T. 0.00 min

Lab File: BE098497.D

Acq: 16 Dec 2018 8:00

Instrument :

BNA_E

ClientSampleId :

C-MW-09-121118

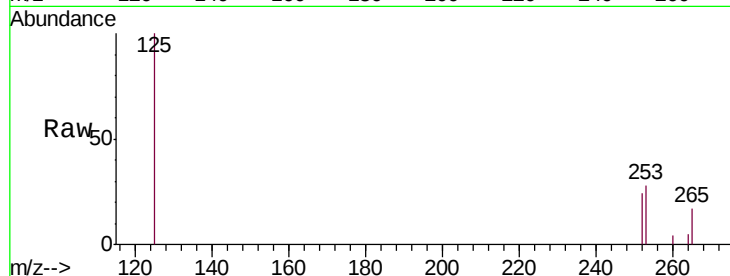
Tgt Ion:252 Resp: 594

Ion Ratio Lower Upper

252 100

253 117.3 20.0 30.0#

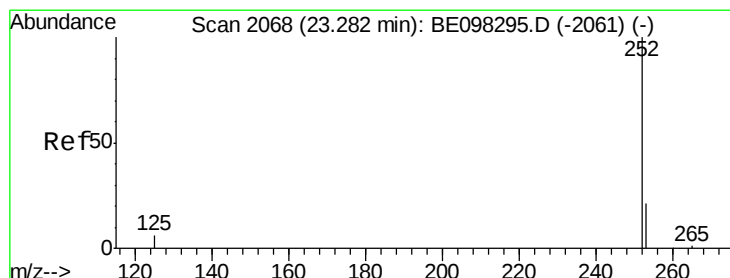
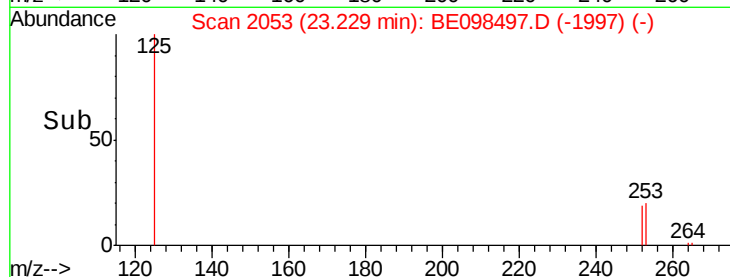
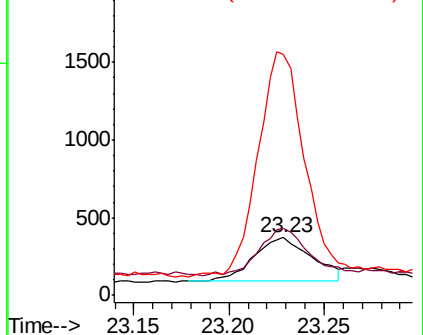
125 420.0 9.6 14.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.027 ng

RT: 23.23 min Scan# 2053

Delta R.T. -0.05 min

Lab File: BE098497.D

Acq: 16 Dec 2018 8:00

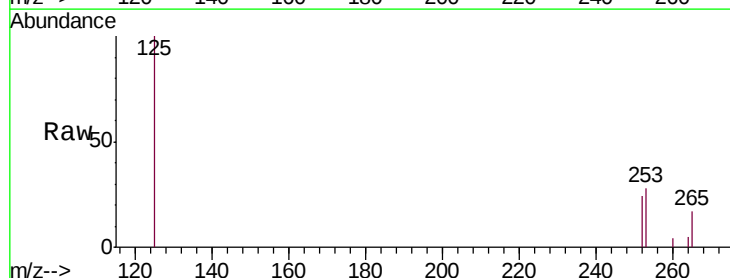
Tgt Ion:252 Resp: 594

Ion Ratio Lower Upper

252 100

253 117.3 19.0 28.6#

125 420.0 9.1 13.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

