

Data File : BE098489.D
Acq On : 16 Dec 2018 2:58
Operator : SJ/JU
Sample : J6398-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PR-MW-03_121218

Quant Time: Dec 17 02:01:58 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	7.86	152	763	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	3071	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	1994	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	5552	0.40	ng	-0.01
27) Chrysene-d12	21.46	240	6654	0.40	ng	0.00
34) Perylene-d12	24.00	264	6304	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	377	0.21	ng	0.00
5) Phenol-d6	7.04	99	321	0.13	ng	0.00
8) Nitrobenzene-d5	9.03	82	998	0.36	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	2265	0.45	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	362	0.49	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	4226	0.50	ng	0.00
25) Fluoranthene-d10	19.30	212	36403	0.51	ng	0.00
29) Terphenyl-d14	19.89	244	8198	0.51	ng	-0.01

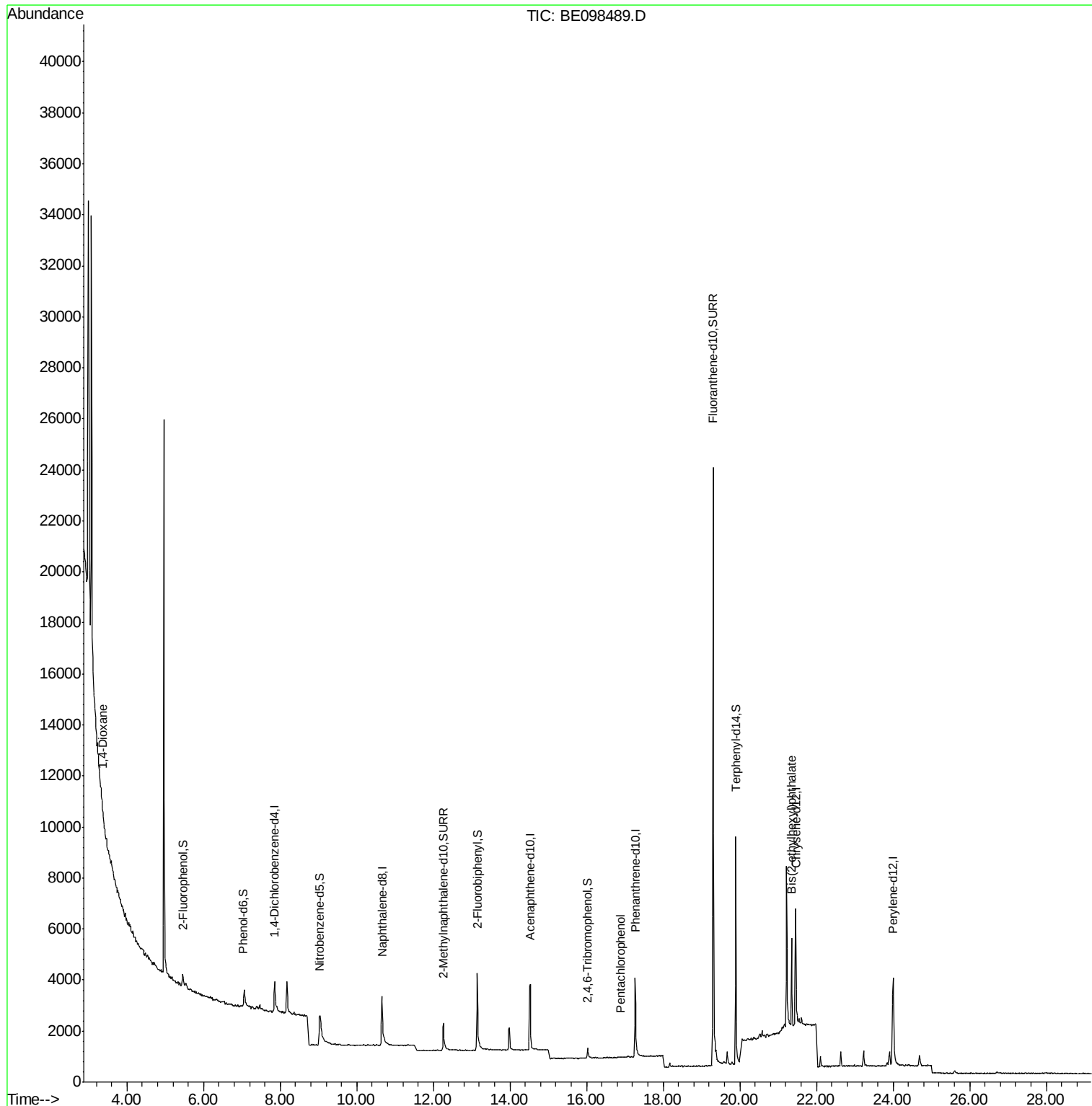
Target Compounds						Qvalue
2) 1,4-Dioxane	3.37	88	31	0.023	ng	# 12
22) Pentachlorophenol	16.89	266	26	0.069	ng	# 84
32) Bis(2-ethylhexyl)phthalate	21.35	149	3741	0.097	ng	# 98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. -0.00 min

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ClientSampleId :

PR-MW-03_121218

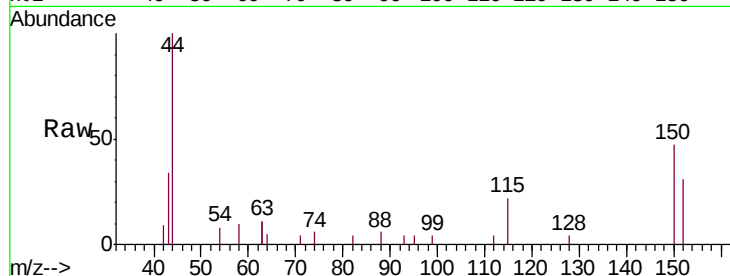
Tgt Ion:152 Resp: 763

Ion Ratio Lower Upper

152 100

150 152.4 124.2 186.4

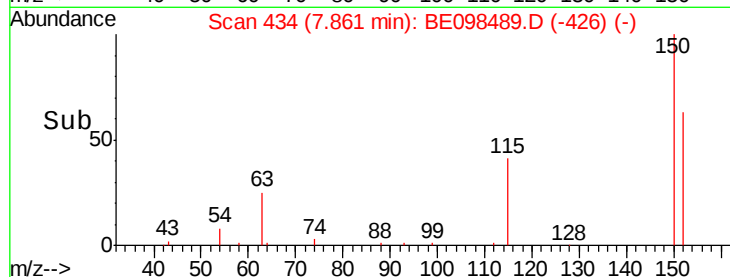
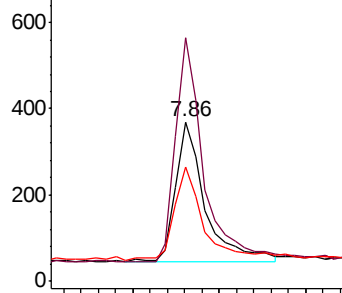
115 71.6 53.9 80.9



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: 0.023 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.00 min

Lab File: BE098489.D

Acq: 16 Dec 2018 2:58

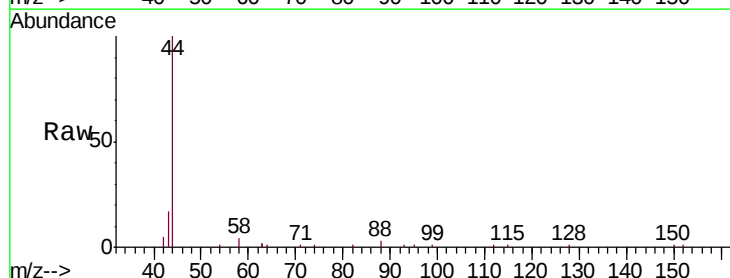
Tgt Ion: 88 Resp: 31

Ion Ratio Lower Upper

88 100

58 0.0 75.0 112.6#

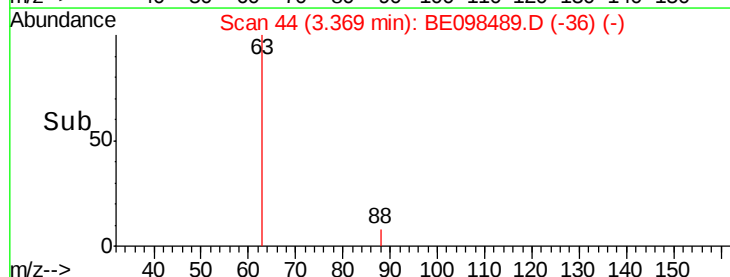
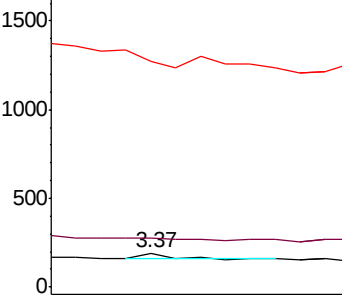
43 0.0 38.3 57.5#



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: 0.211 ng

RT: 5.45 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098489.D

Acq: 16 Dec 2018 2:58

Instrument :

BNA_E

ClientSampleId :

PR-MW-03_121218

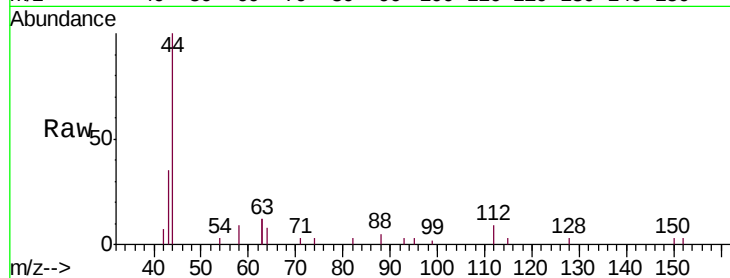
Tgt Ion: 112 Resp: 377

Ion Ratio Lower Upper

112 100

64 86.2 59.8 89.8

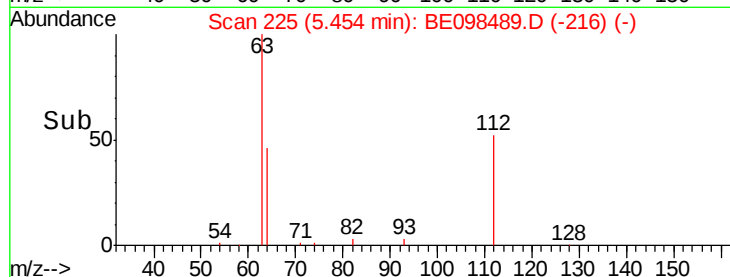
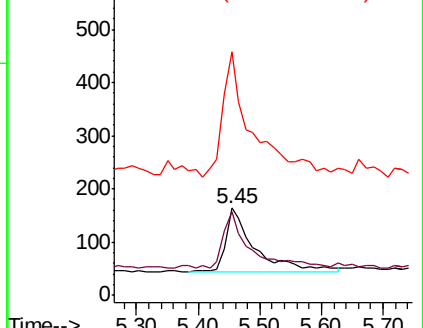
63 211.1 133.7 200.5#



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



#5

Phenol-d6

Concen: 0.127 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098489.D

Acq: 16 Dec 2018 2:58

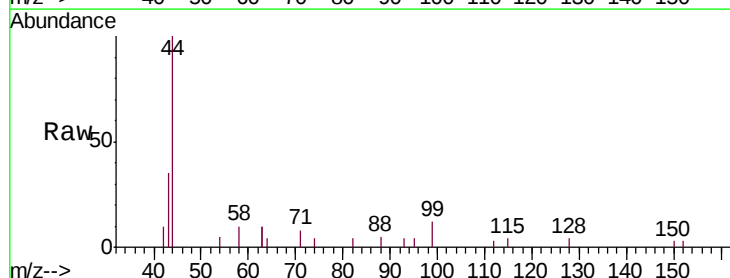
Tgt Ion: 99 Resp: 321

Ion Ratio Lower Upper

99 100

42 34.0 26.3 39.5

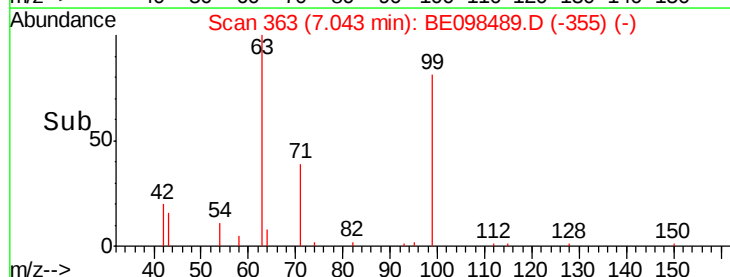
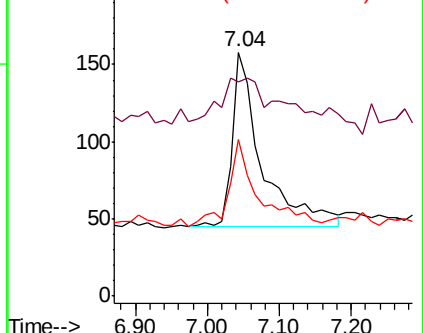
71 50.5 33.6 50.4#



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: 10.67 min Scan# 655

Delta R.T. 0.00 min

Lab File: BE098489.D

Acq: 16 Dec 2018 2:58

Instrument :

BNA_E

ClientSampleId :

PR-MW-03_121218

Tgt Ion:136 Resp: 3071

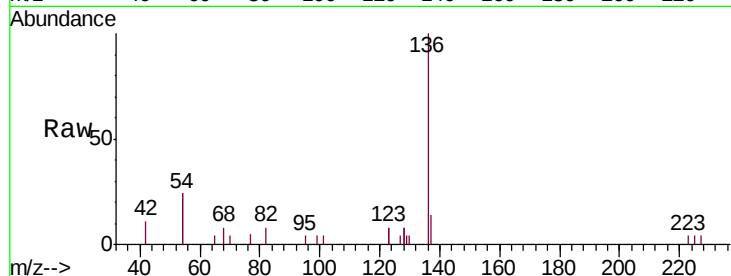
Ion Ratio Lower Upper

136 100

137 14.4 9.2 13.8#

54 47.5 28.4 42.6#

68 8.3 5.4 8.0#

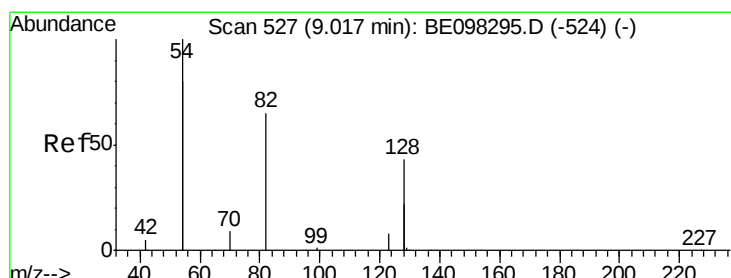
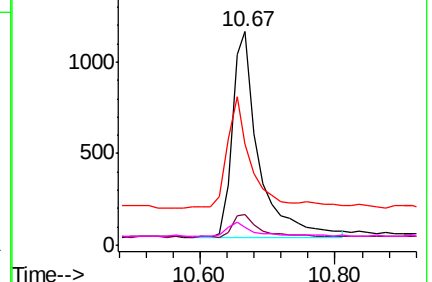
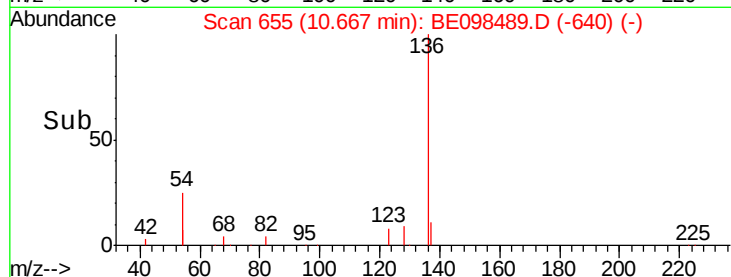


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.357 ng

RT: 9.03 min Scan# 529

Delta R.T. 0.01 min

Lab File: BE098489.D

Acq: 16 Dec 2018 2:58

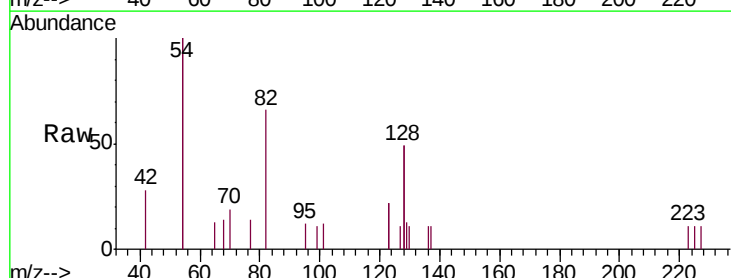
Tgt Ion: 82 Resp: 998

Ion Ratio Lower Upper

82 100

128 149.6 102.4 153.6

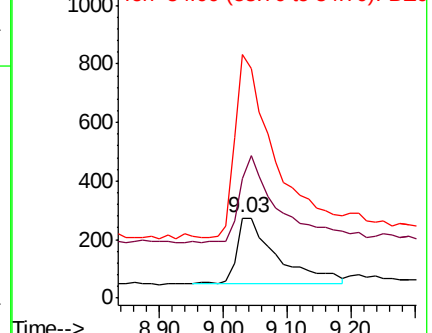
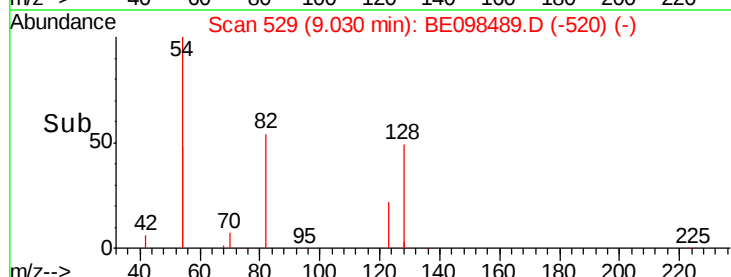
54 303.6 221.8 332.8

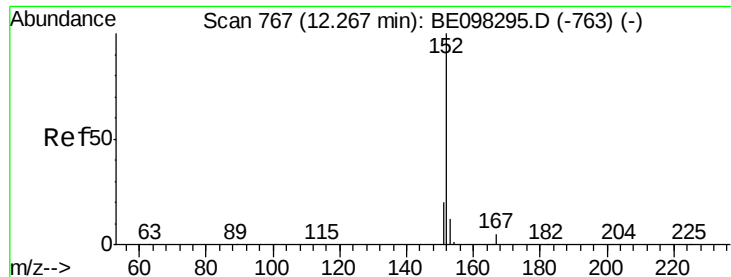


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

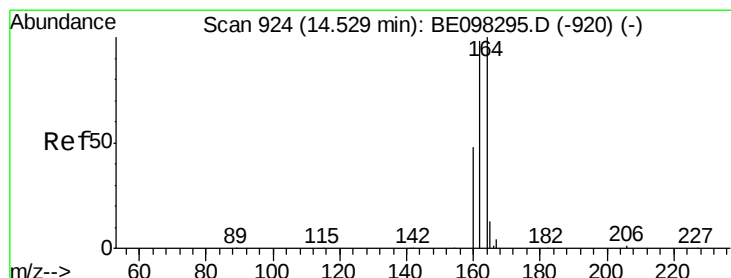
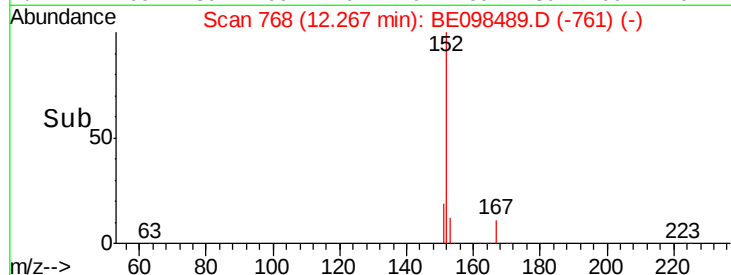
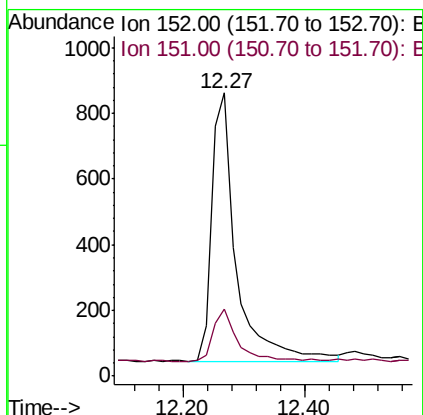
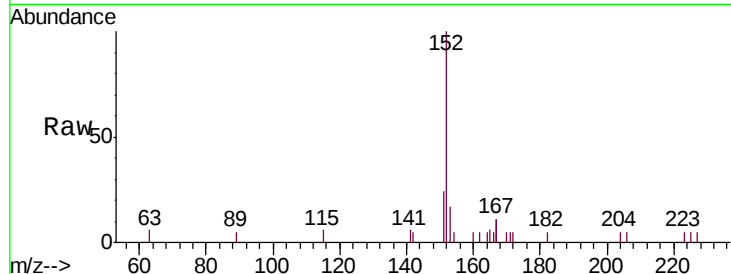




#11
 2-Methylnaphthalene-d10
 Concen: 0.454 ng
 RT: 12.27 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BE098489.D
 Acq: 16 Dec 2018 2:58

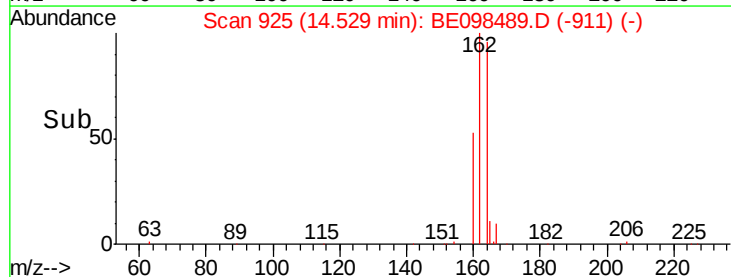
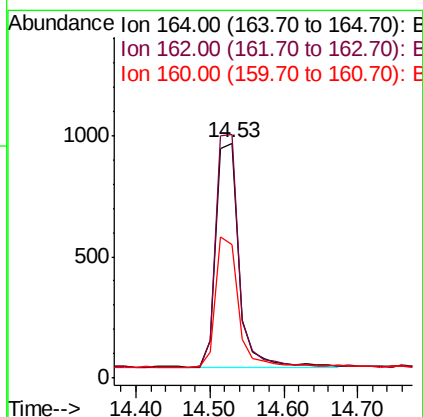
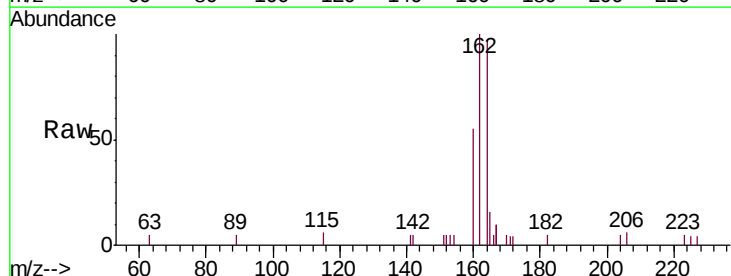
Instrument :
 BNA_E
 ClientSampleId :
 PR-MW-03_121218

Tgt Ion:152 Resp: 2265
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.2 24.4



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 925
 Delta R.T. 0.00 min
 Lab File: BE098489.D
 Acq: 16 Dec 2018 2:58

Tgt Ion:164 Resp: 1994
 Ion Ratio Lower Upper
 164 100
 162 103.5 77.6 116.4
 160 56.9 36.0 54.0#

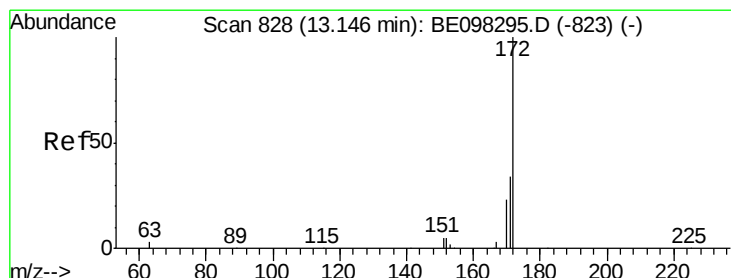
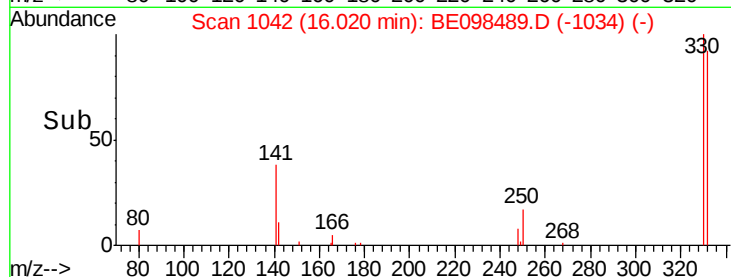
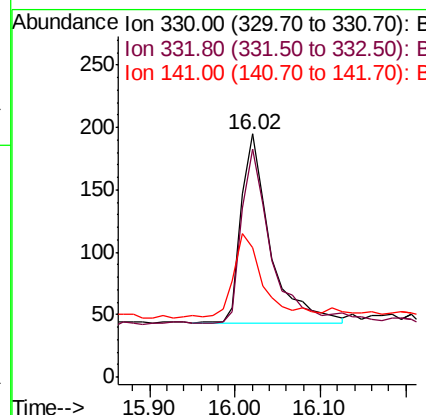
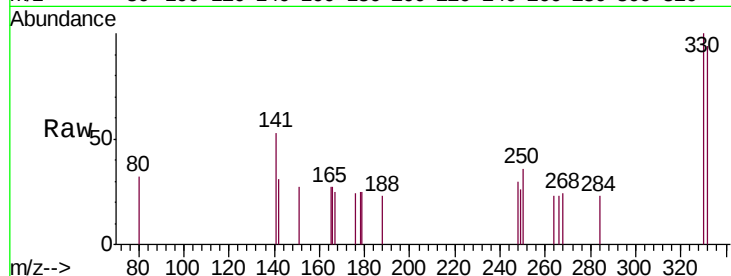




#14
 2,4,6-Tribromophenol
 Concen: 0.494 ng
 RT: 16.02 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BE098489.D
 Acq: 16 Dec 2018 2:58

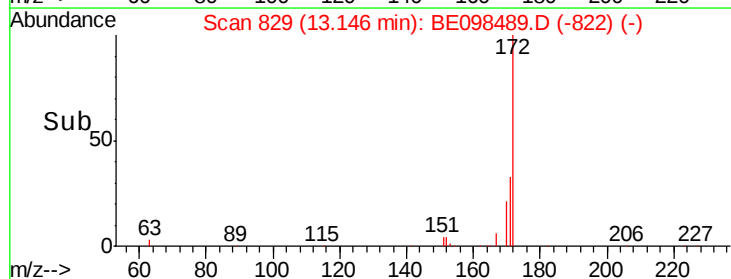
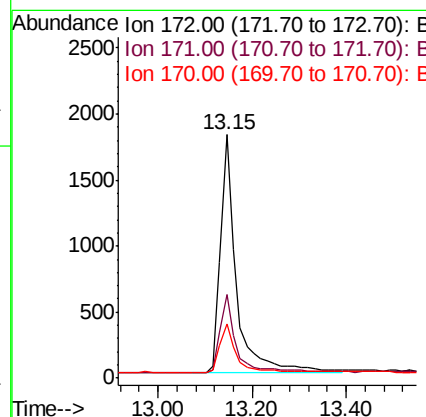
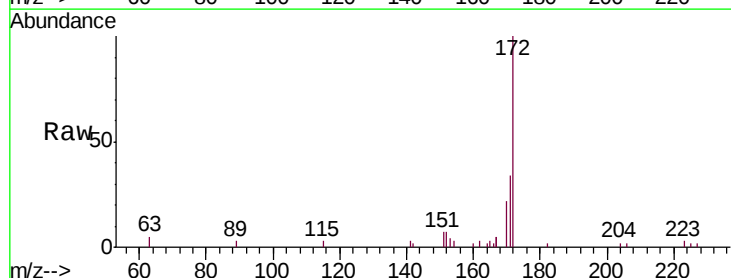
Instrument :
 BNA_E
 ClientSampleId :
 PR-MW-03_121218

Tgt Ion: 330 Resp: 362
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.2 114.4
 141 44.8 39.0 58.4



#15
 2-Fluorobiphenyl
 Concen: 0.502 ng
 RT: 13.15 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BE098489.D
 Acq: 16 Dec 2018 2:58

Tgt Ion: 172 Resp: 4226
 Ion Ratio Lower Upper
 172 100
 171 34.3 27.5 41.3
 170 22.5 19.6 29.4





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.27 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BE098489.D

Acq: 16 Dec 2018 2:58

Instrument :

BNA_E

ClientSampleId :

PR-MW-03_121218

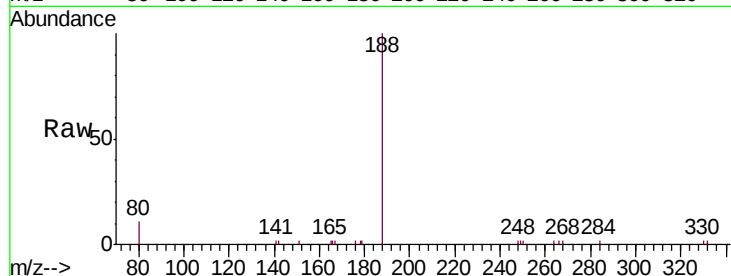
Tgt Ion:188 Resp: 5552

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

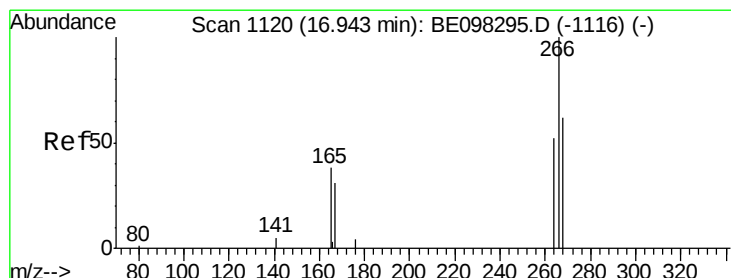
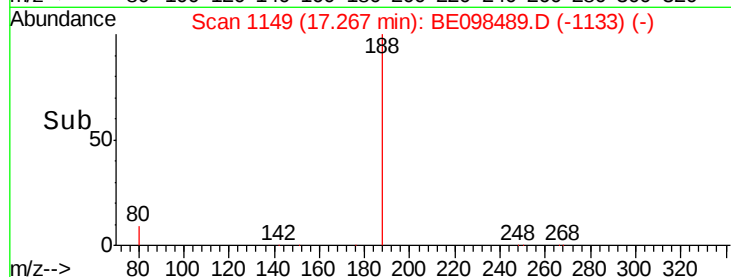
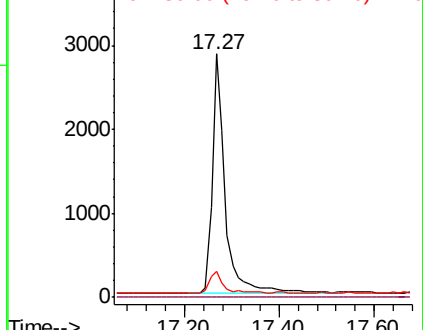
80 10.6 7.2 10.8



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: 0.069 ng

RT: 16.89 min Scan# 1117

Delta R.T. -0.05 min

Lab File: BE098489.D

Acq: 16 Dec 2018 2:58

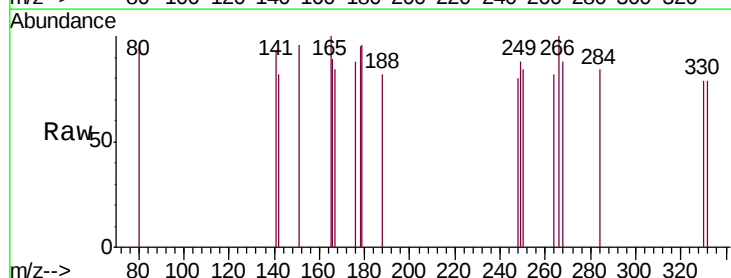
Tgt Ion:266 Resp: 26

Ion Ratio Lower Upper

266 100

264 82.1 59.0 88.4

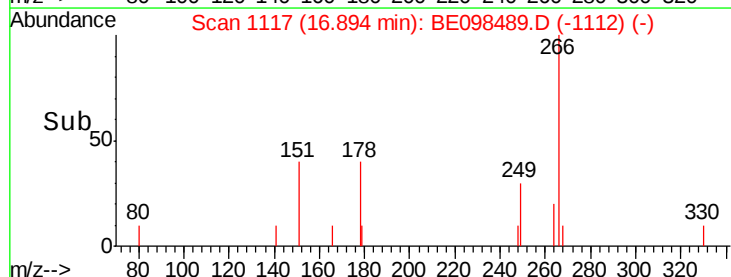
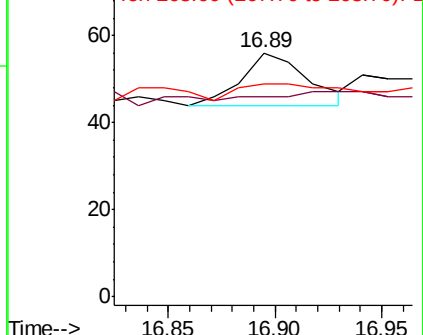
268 87.5 55.1 82.7#

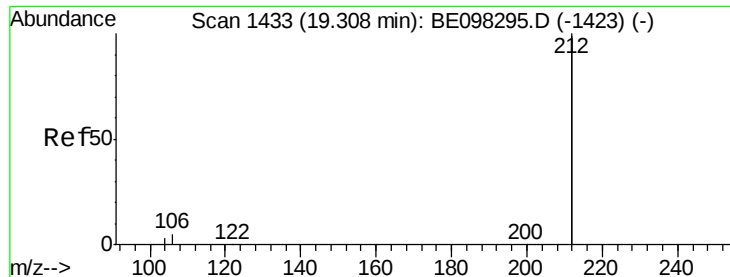


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.511 ng

RT: 19.30 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BE098489.D

Acq: 16 Dec 2018 2:58

Instrument :

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PR-MW-03_121218

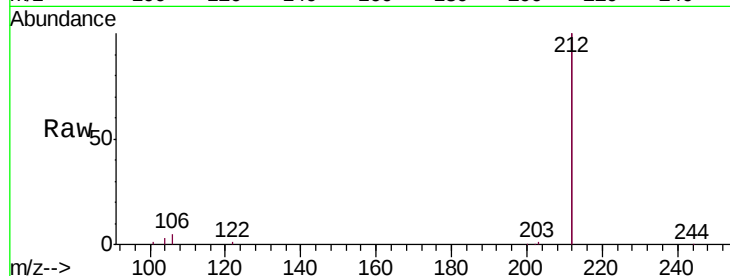
Tgt Ion:212 Resp: 36403

Ion Ratio Lower Upper

212 100

106 2.2 2.2 3.2

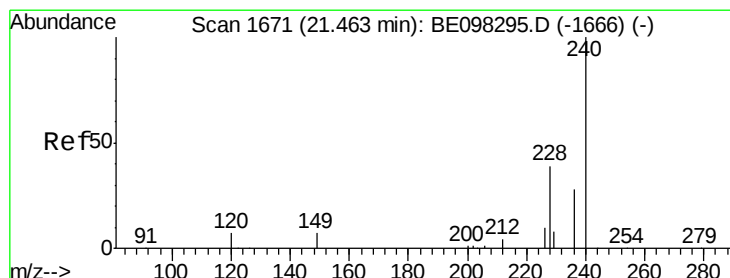
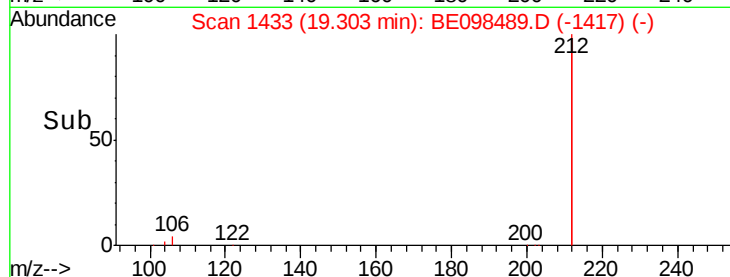
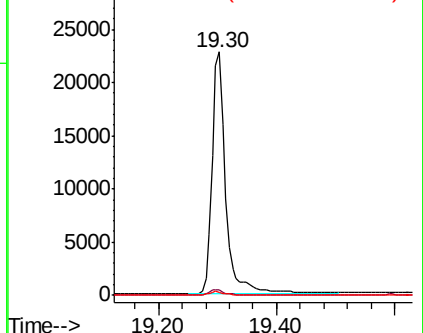
104 1.4 1.3 1.9



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



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.46 min Scan# 1672

Delta R.T. -0.00 min

Lab File: BE098489.D

Acq: 16 Dec 2018 2:58

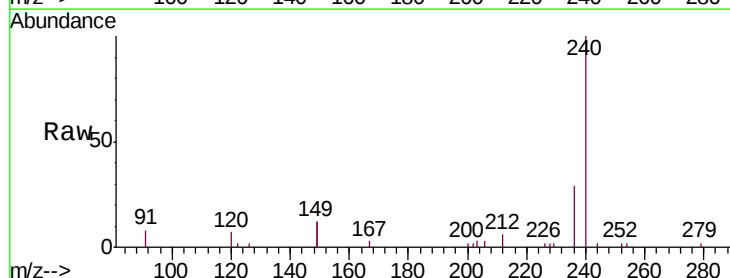
Tgt Ion:240 Resp: 6654

Ion Ratio Lower Upper

240 100

120 6.9 9.5 14.3#

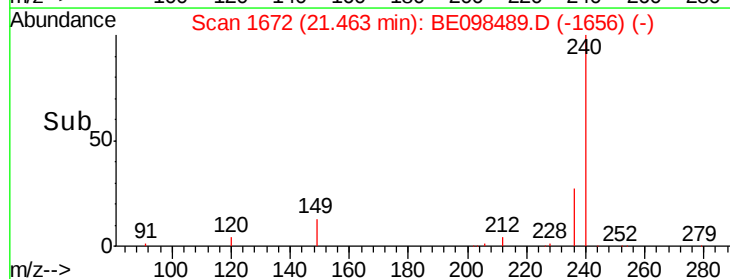
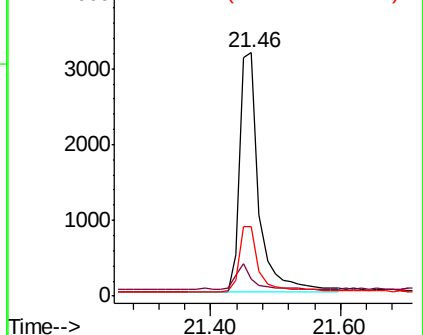
236 28.7 22.7 34.1

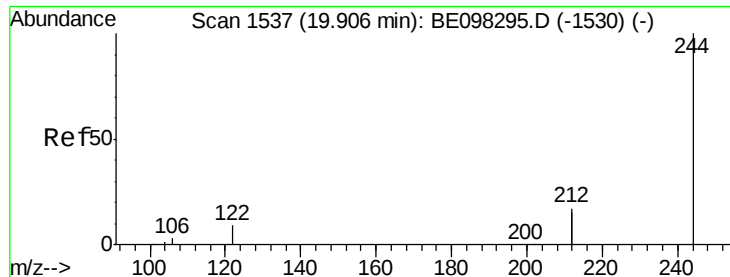


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.507 ng

RT: 19.89 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BE098489.D

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BNA_E

ClientSampleId :

PR-MW-03_121218

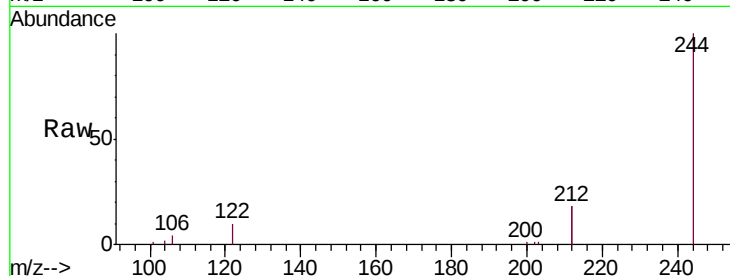
Tgt Ion:244 Resp: 8198

Ion Ratio Lower Upper

244 100

212 36.9 27.4 41.0

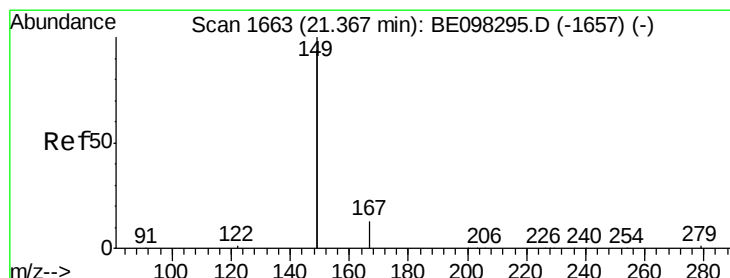
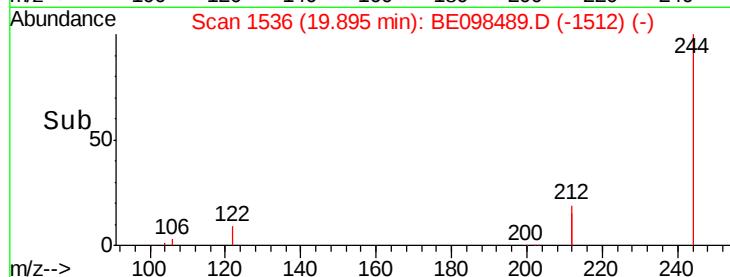
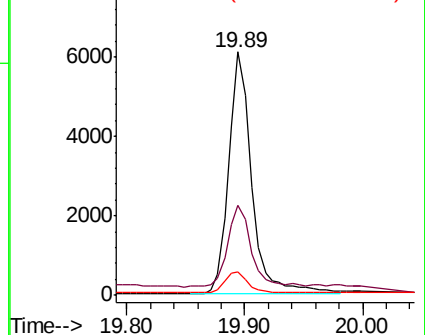
122 9.6 8.3 12.5



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.097 ng

RT: 21.35 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BE098489.D

Acq: 16 Dec 2018 2:58

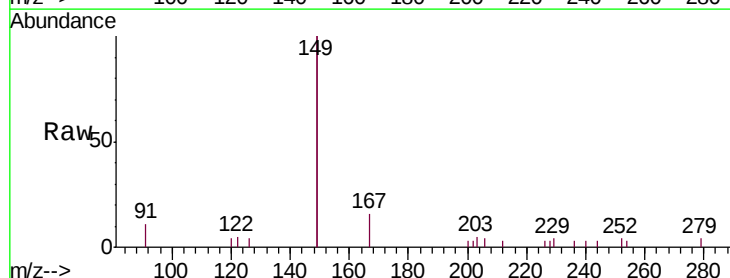
Tgt Ion:149 Resp: 3741

Ion Ratio Lower Upper

149 100

167 7.7 5.7 8.5

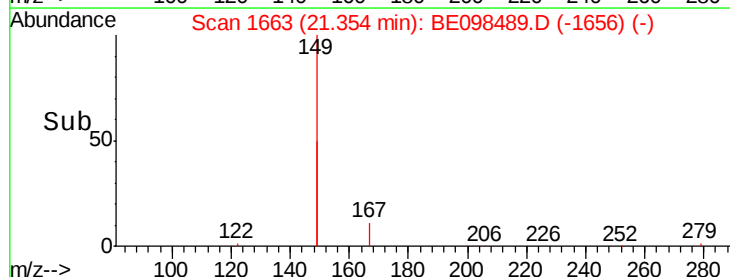
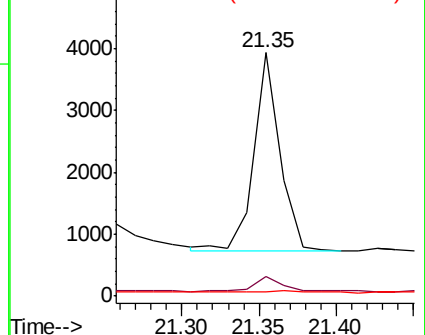
279 1.6 1.0 1.4#

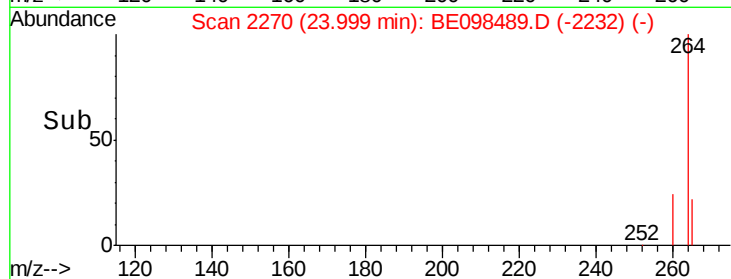
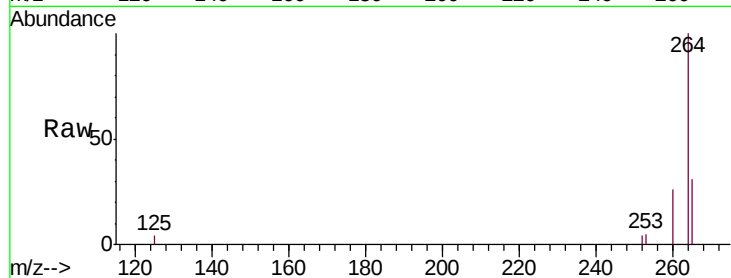


Abundance Ion 149.00 (148.70 to 149.70): E

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: 24.00 min Scan# 2270

Delta R.T. -0.01 min

Lab File: BE098489.D

Acq: 16 Dec 2018 2:58

Instrument :

BNA_E

ClientSampleId :

PR-MW-03_121218

Tgt Ion:264 Resp: 6304

Ion Ratio Lower Upper

264 100

260 25.8 20.2 30.2

265 30.9 25.2 37.8

