

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE030819\
 Data File : BE098854.D
 Acq On : 9 Mar 2019 4:36
 Operator : JU/SJ
 Sample : K1793-17
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DUP02-20190306

Quant Time: Mar 09 05:36:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 06 15:33:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	672	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	2772	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2042	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5279	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6688	0.40	ng	0.00
34) Perylene-d12	23.90	264	6549	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	278	0.14	ng	0.01
5) Phenol-d6	7.09	99	217	0.08	ng	0.10
8) Nitrobenzene-d5	9.02	82	964	0.33	ng	0.05
11) 2-Methylnaphthalene-d10	12.21	152	2137	0.42	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	365	0.35	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	3531	0.42	ng	0.00
25) Fluoranthene-d10	19.25	212	32785	0.39	ng	0.00
29) Terphenyl-d14	19.84	244	8748	0.54	ng	0.00

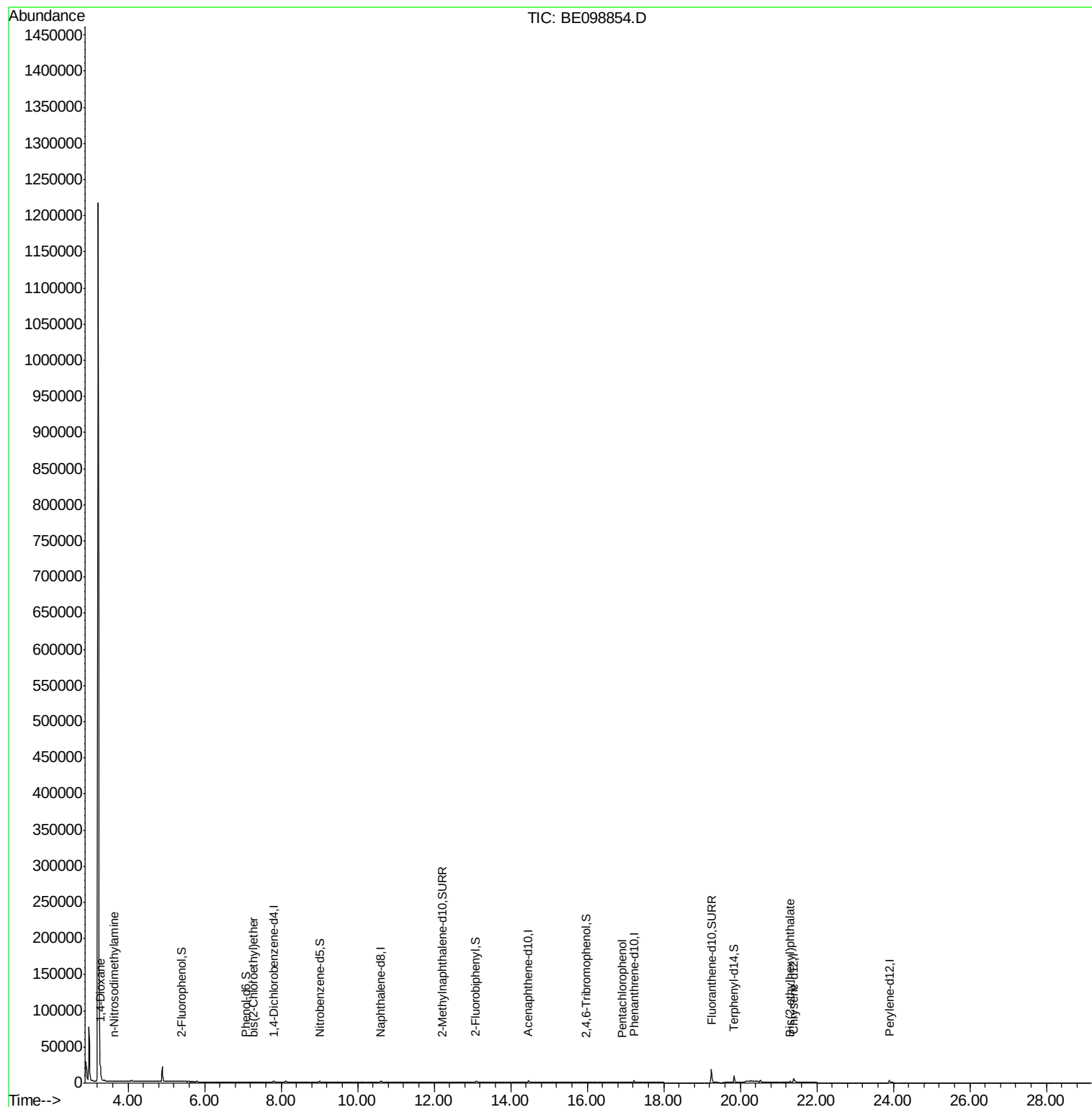
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	6627	6.301	ng	94
3) n-Nitrosodimethylamine	3.64	42	52	0.031	ng	# 58
6) bis(2-Chloroethyl)ether	7.26	93	203	0.093	ng	# 71
22) Pentachlorophenol	16.92	266	8	0.271	ng	87
32) Bis(2-ethylhexyl)phthalate	21.29	149	1125	0.025	ng	# 98

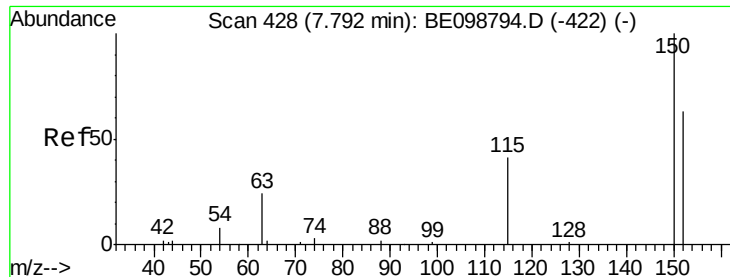
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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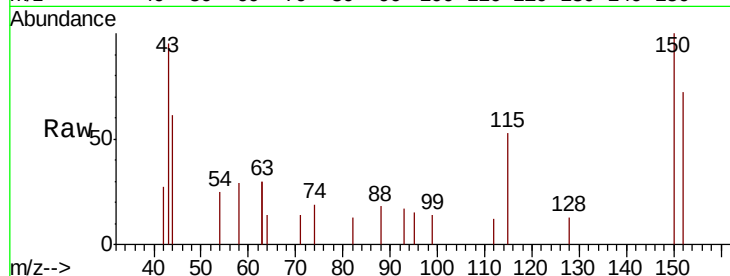


#1

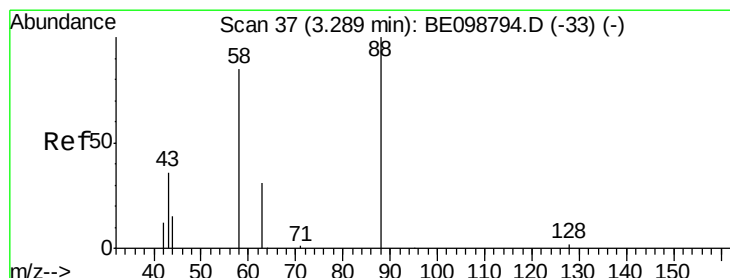
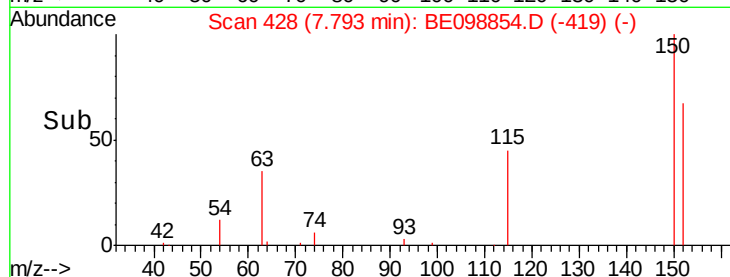
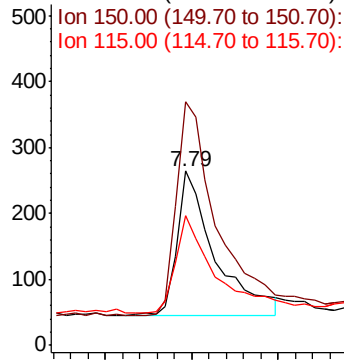
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098854.D
Acq: 9 Mar 2019 4:36

Instrument :
BNA_E
ClientSampleId :
DUP02-20190306

Tot Ion:152 Resp: 672
Ion Ratio Lower Upper
152 100
150 139.8 122.5 183.7
115 74.2 57.4 86.2



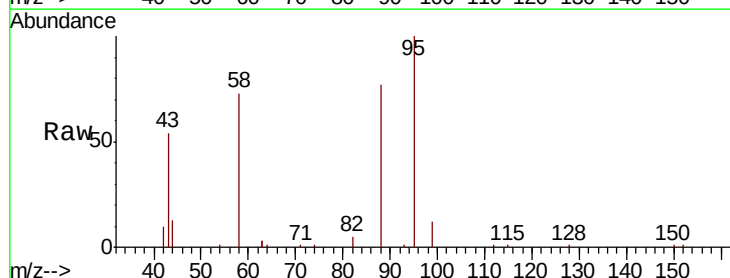
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



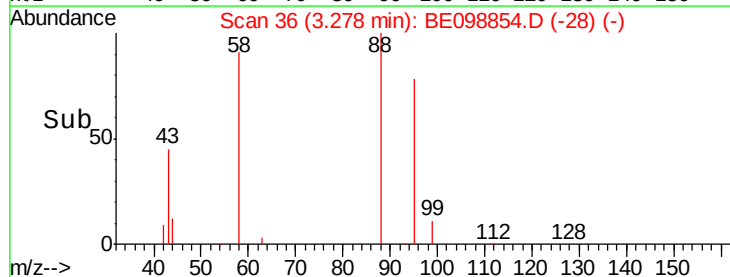
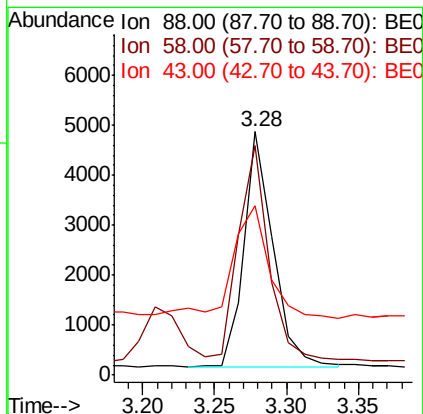
#2

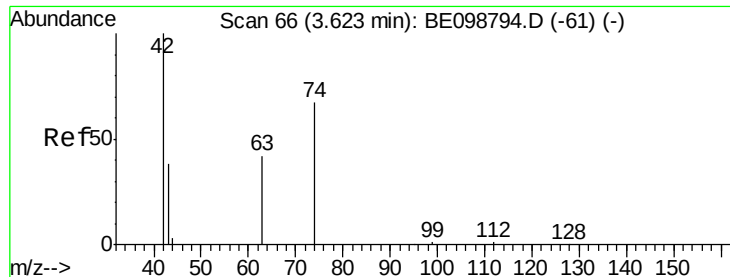
1,4-Dioxane
Concen: 6.301 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098854.D
Acq: 9 Mar 2019 4:36

Tgt Ion: 88 Resp: 6627
Ion Ratio Lower Upper
88 100
58 92.7 75.8 113.6
43 61.6 41.8 62.8



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: 0.031 ng

RT: 3.64 min Scan# 67

Delta R.T. 0.01 min

Lab File: BE098854.D

Acq: 9 Mar 2019 4:36

Instrument :

BNA_E

ClientSampleId :

DUP02-20190306

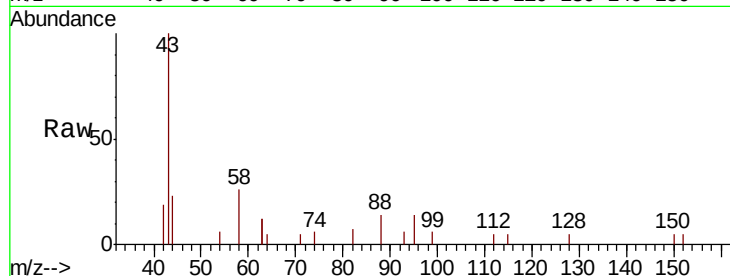
Tot Ion: 42 Resp: 52

Ion Ratio Lower Upper

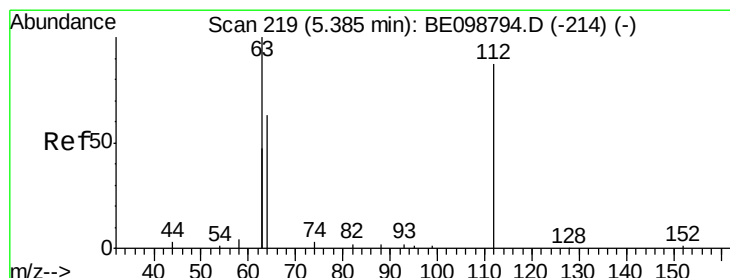
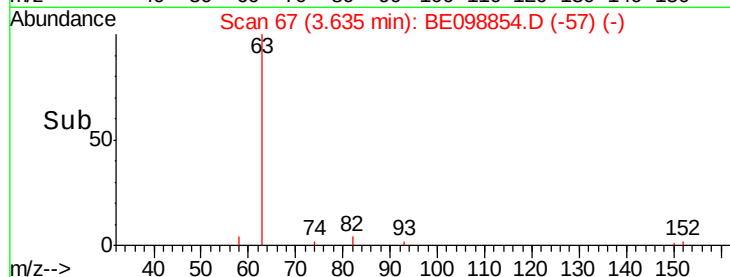
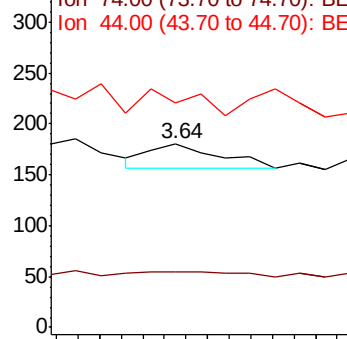
42 100

74 36.5 57.0 85.4#

44 78.8 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: 0.138 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.01 min

Lab File: BE098854.D

Acq: 9 Mar 2019 4:36

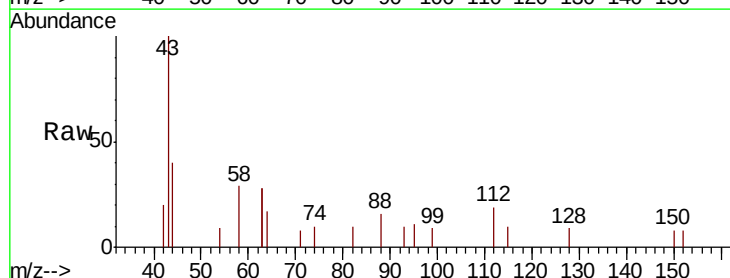
Tgt Ion: 112 Resp: 278

Ion Ratio Lower Upper

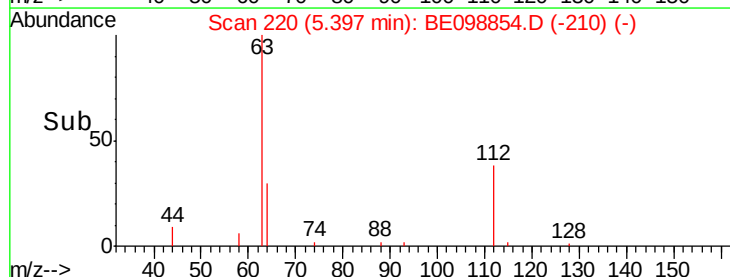
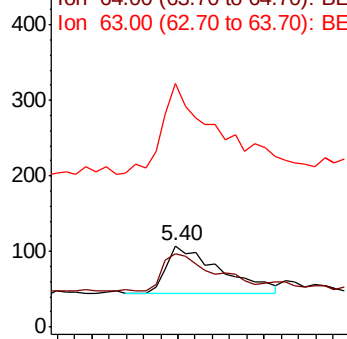
112 100

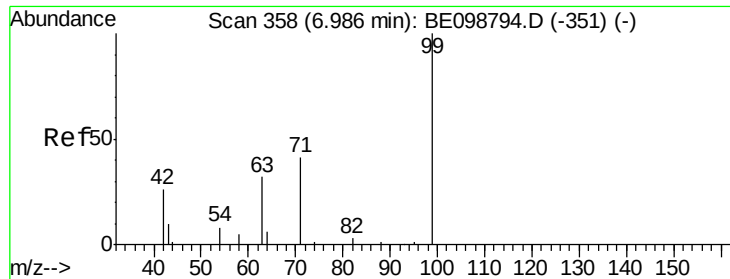
64 78.4 57.9 86.9

63 207.9 158.3 237.5



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: 0.076 ng

RT: 7.09 min Scan# 367

Delta R.T. 0.10 min

Lab File: BE098854.D

Acq: 9 Mar 2019 4:36

Instrument :

BNA_E

ClientSampled :

DUP02-20190306

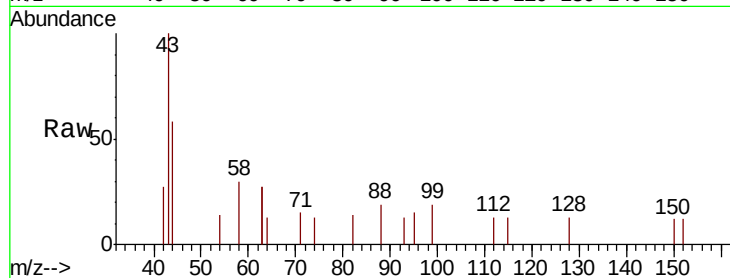
Tot Ion: 99 Resp: 217

Ion Ratio Lower Upper

99 100

42 0.0 24.2 36.2#

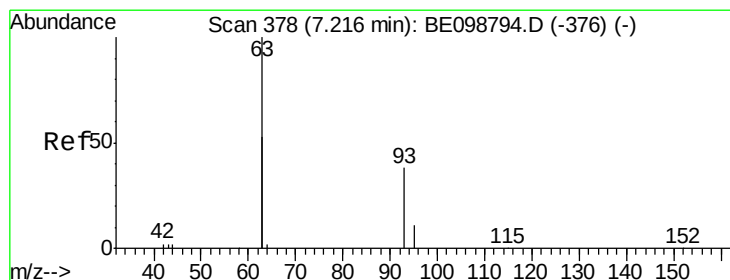
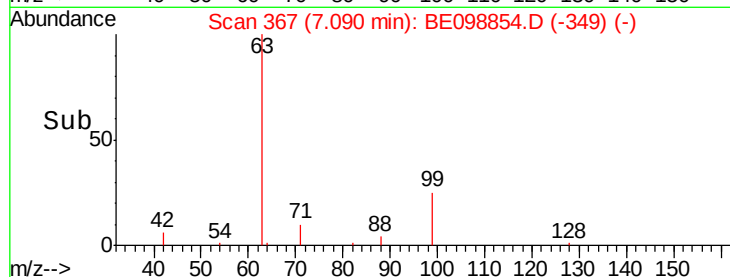
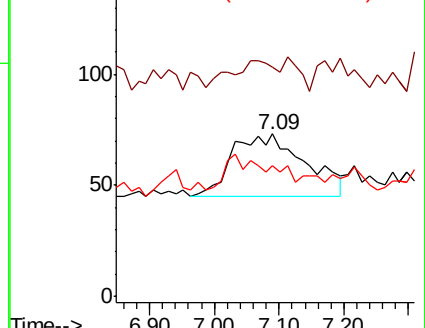
71 0.0 35.7 53.5#



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



#6

bis(2-Chloroethyl)ether

Concen: 0.093 ng

RT: 7.26 min Scan# 382

Delta R.T. 0.05 min

Lab File: BE098854.D

Acq: 9 Mar 2019 4:36

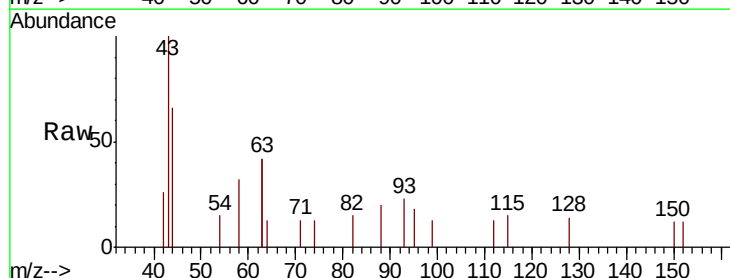
Tgt Ion: 93 Resp: 203

Ion Ratio Lower Upper

93 100

63 369.5 247.5 371.3

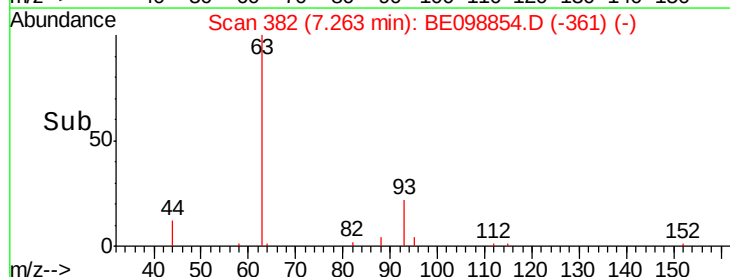
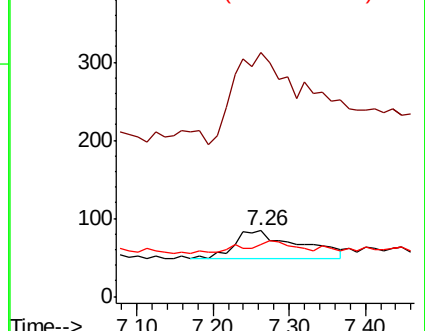
95 18.7 21.8 32.8#

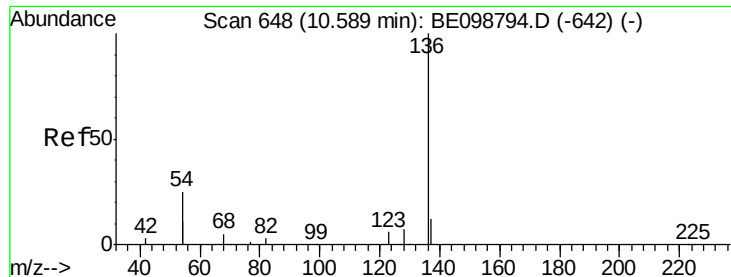


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE098854.D

Acq: 9 Mar 2019 4:36

Instrument :

BNA_E

ClientSampleId :

DUP02-20190306

Tot Ion:136 Resp: 2772

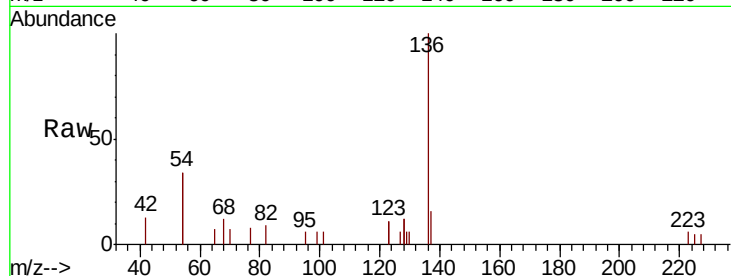
Ion Ratio Lower Upper

136 100

137 15.7 11.4 17.0

54 68.2 39.3 58.9#

68 12.3 6.7 10.1#

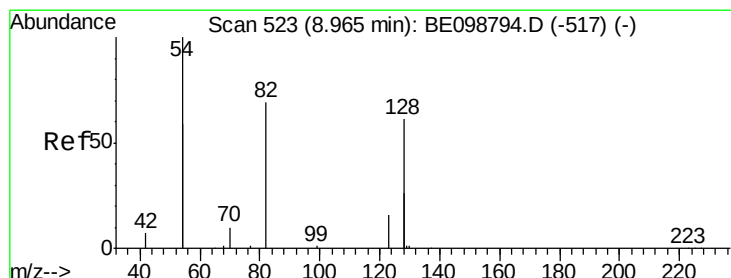
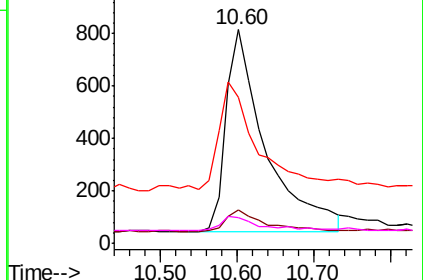
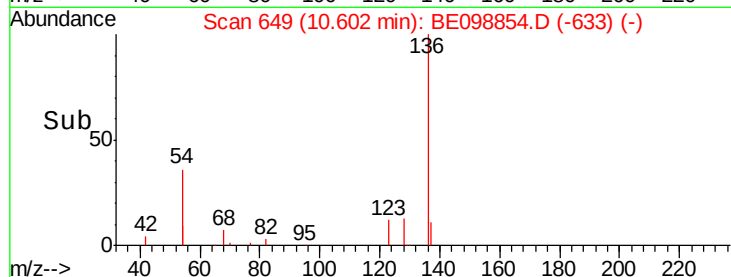


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.332 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.05 min

Lab File: BE098854.D

Acq: 9 Mar 2019 4:36

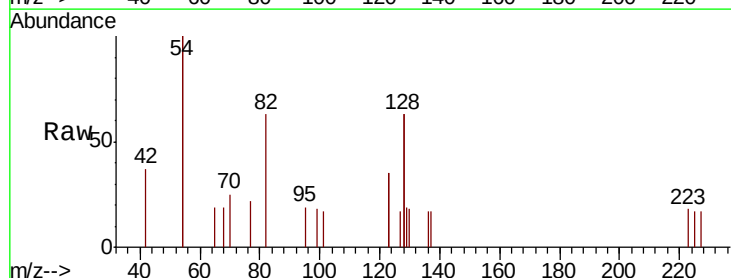
Tgt Ion: 82 Resp: 964

Ion Ratio Lower Upper

82 100

128 198.8 123.8 185.8#

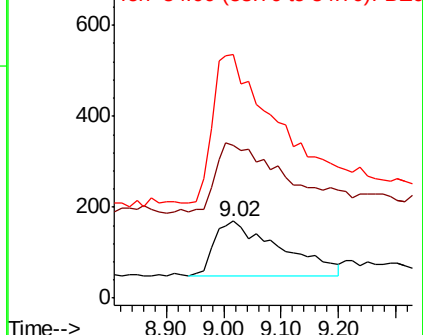
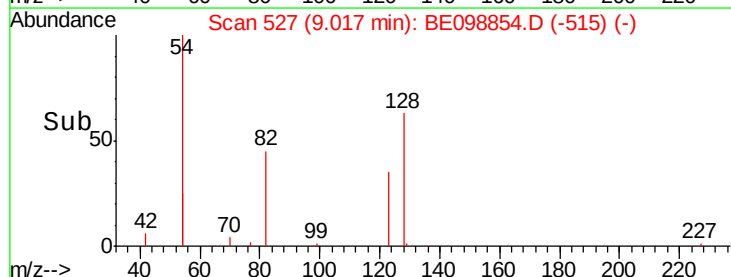
54 317.2 203.4 305.2#

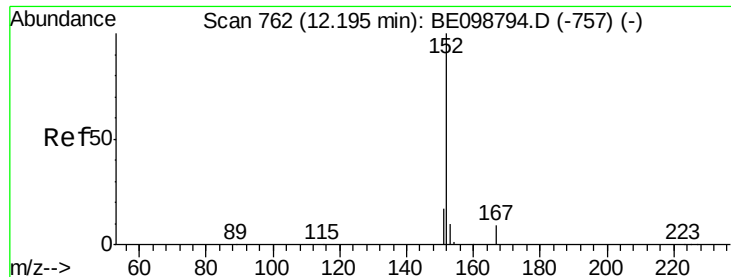


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

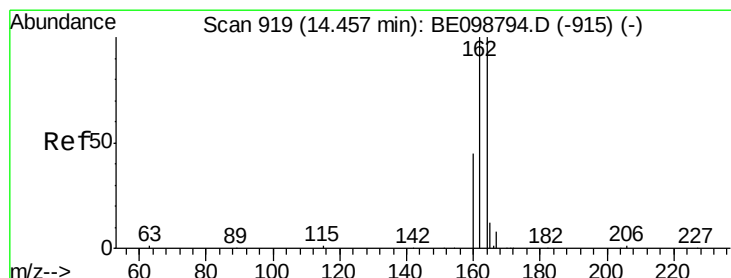
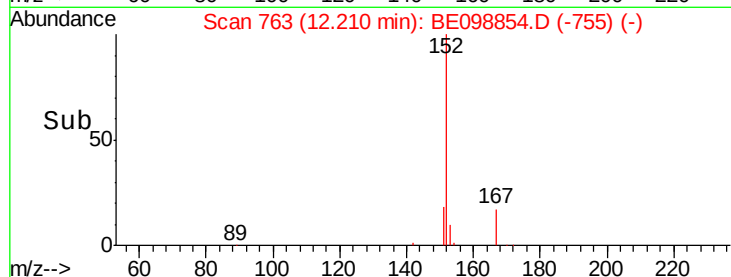
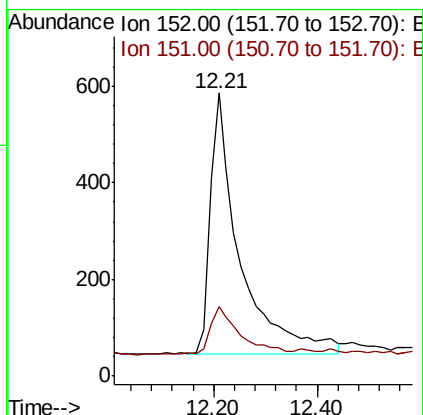
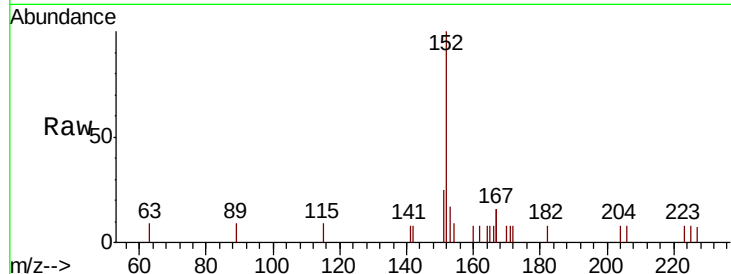




#11
2-Methylnaphthalene-d10
Concen: 0.417 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.01 min
Lab File: BE098854.D
Acq: 9 Mar 2019 4:36

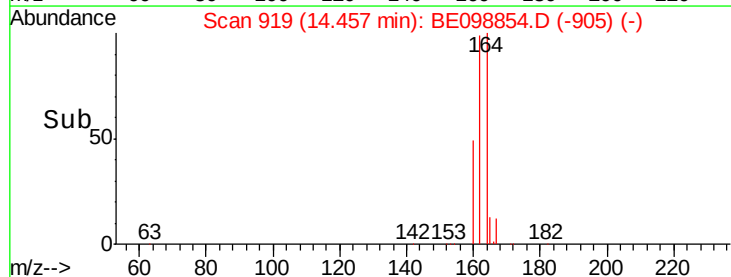
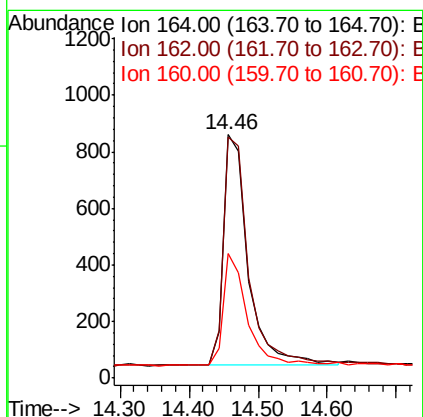
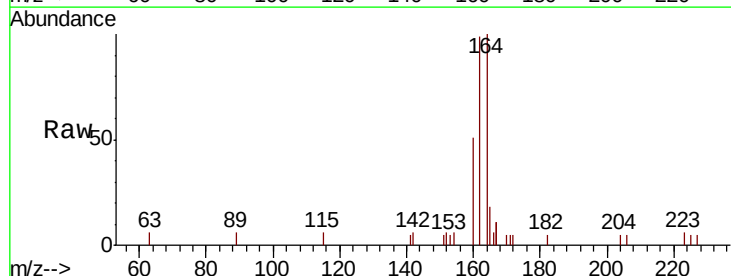
Instrument :
BNA_E
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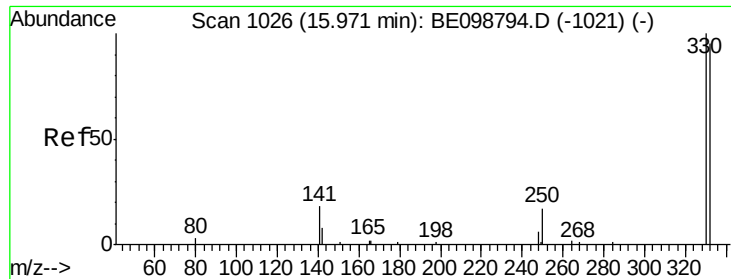
Tot Ion:152 Resp: 2137
Ion Ratio Lower Upper
152 100
151 18.0 16.5 24.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE098854.D
Acq: 9 Mar 2019 4:36

Tgt Ion:164 Resp: 2042
Ion Ratio Lower Upper
164 100
162 98.7 80.2 120.2
160 51.2 37.8 56.8

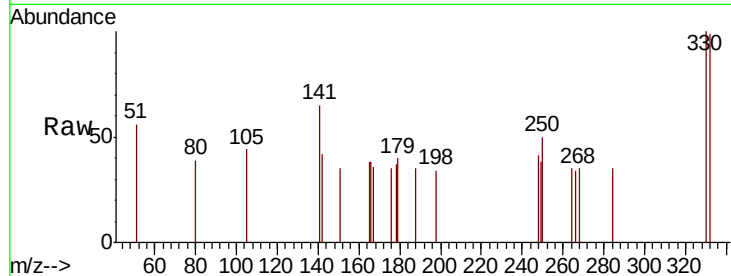




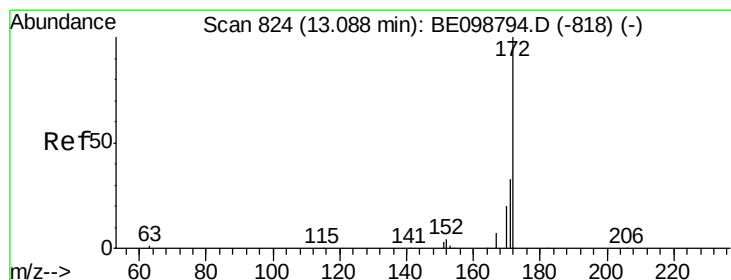
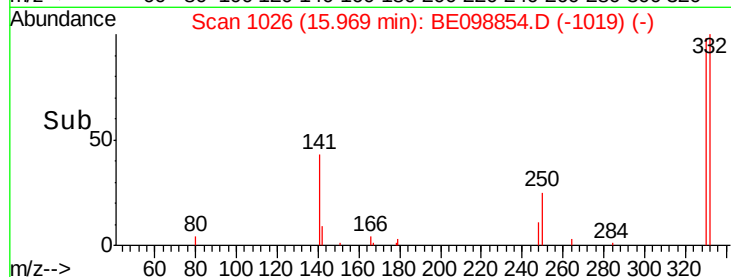
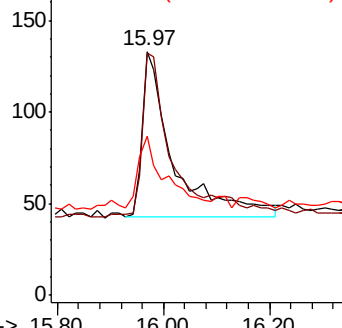
#14
 2,4,6-Tribromophenol
 Concen: 0.354 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE098854.D
 Acq: 9 Mar 2019 4:36

Instrument :
 BNA_E
 ClientSampleId :
 DUP02-20190306

Tot Ion:330 Resp: 365
 Ion Ratio Lower Upper
 330 100
 332 78.9 77.6 116.4
 141 37.0 31.0 46.4

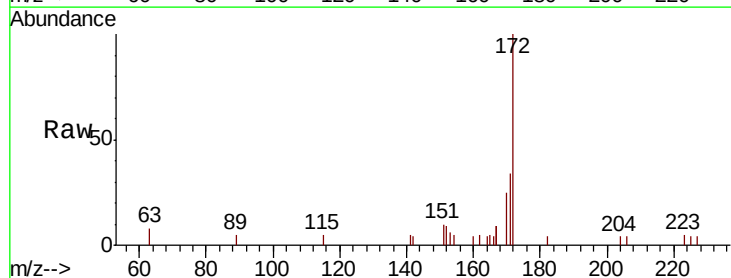


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

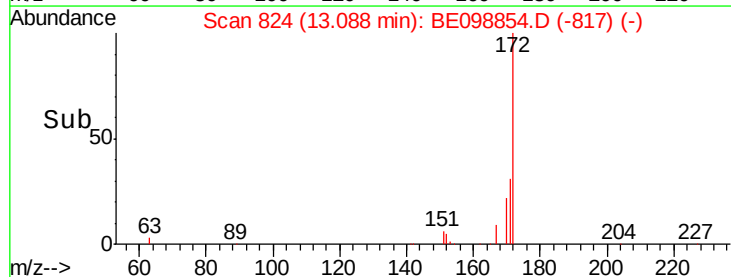
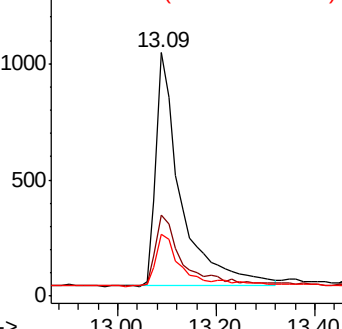


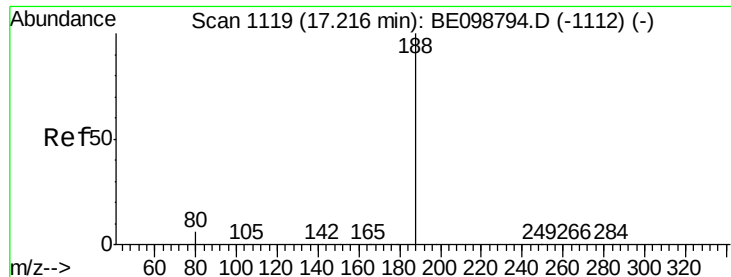
#15
 2-Fluorobiphenyl
 Concen: 0.418 ng
 RT: 13.09 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BE098854.D
 Acq: 9 Mar 2019 4:36

Tgt Ion:172 Resp: 3531
 Ion Ratio Lower Upper
 172 100
 171 33.5 28.0 42.0
 170 25.3 17.7 26.5



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: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098854.D

Acq: 9 Mar 2019 4:36

Instrument :

BNA_E

ClientSampleId :

DUP02-20190306

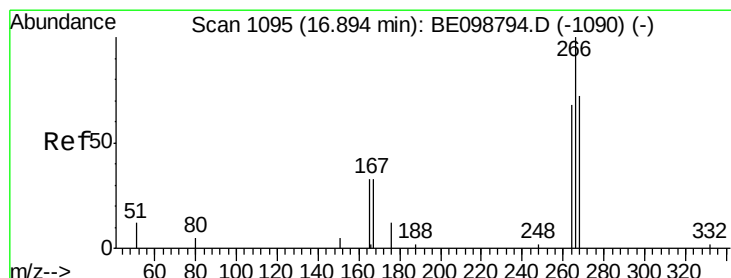
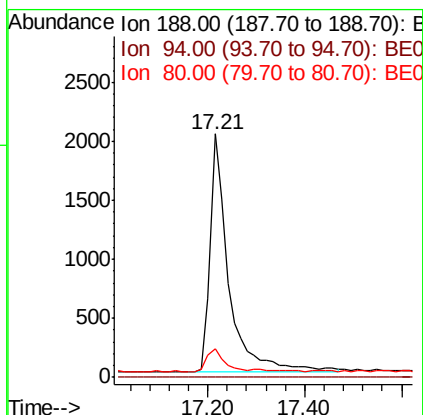
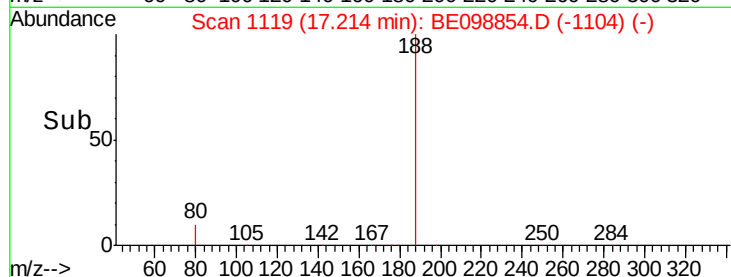
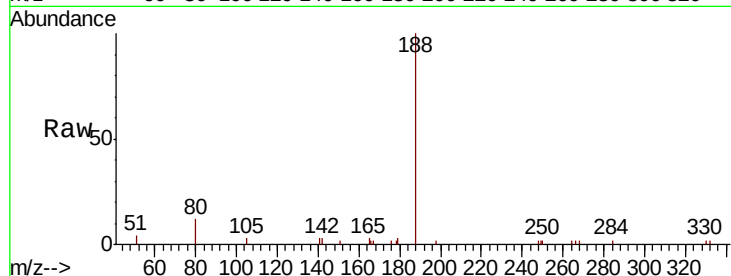
Tot Ion:188 Resp: 5279

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.9 6.3 9.5#



#22

Pentachlorophenol

Concen: 0.271 ng

RT: 16.92 min Scan# 1097

Delta R.T. 0.03 min

Lab File: BE098854.D

Acq: 9 Mar 2019 4:36

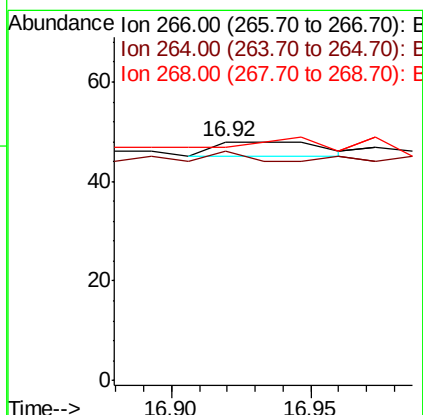
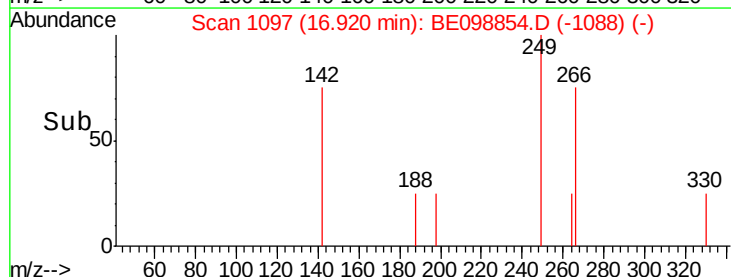
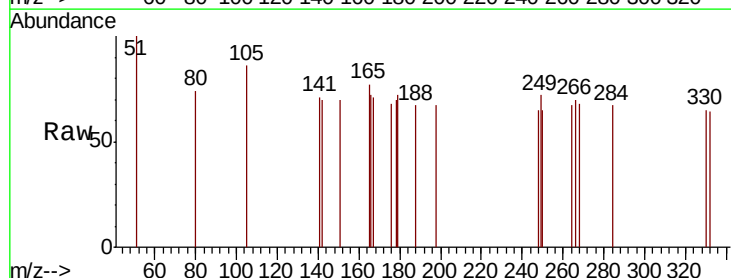
Tgt Ion:266 Resp: 8

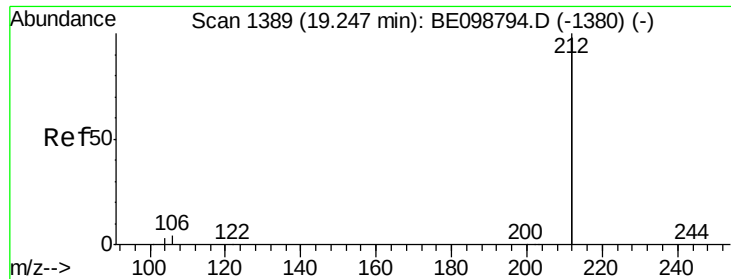
Ion Ratio Lower Upper

266 100

264 95.8 66.6 100.0

268 97.9 69.8 104.8





#25

Fluoranthene-d10

Concen: 0.389 ng

RT: 19.25 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BE098854.D

Acq: 9 Mar 2019 4:36

Instrument :

BNA_E

ClientSampleId :

DUP02-20190306

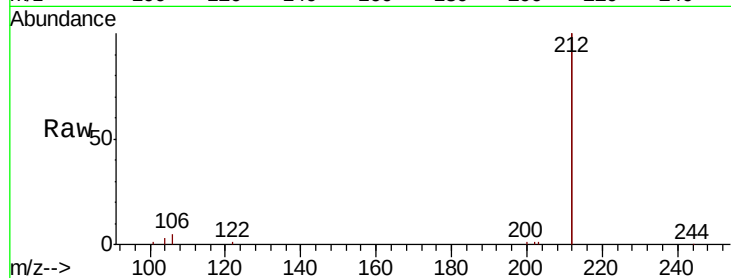
Tot Ion:212 Resp: 32785

Ion Ratio Lower Upper

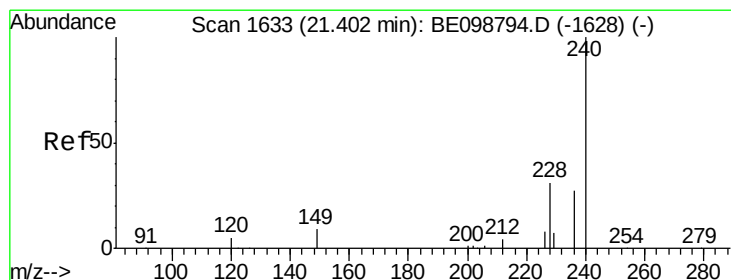
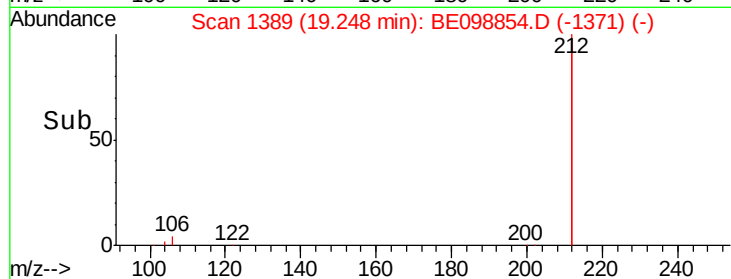
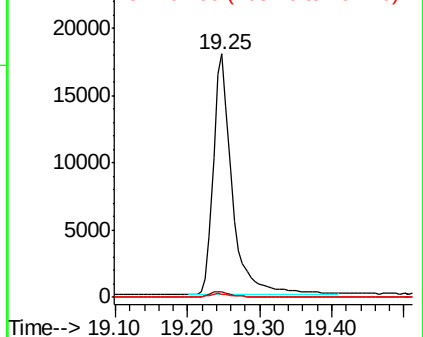
212 100

106 2.3 1.8 2.8

104 1.4 1.0 1.6



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. 0.00 min

Lab File: BE098854.D

Acq: 9 Mar 2019 4:36

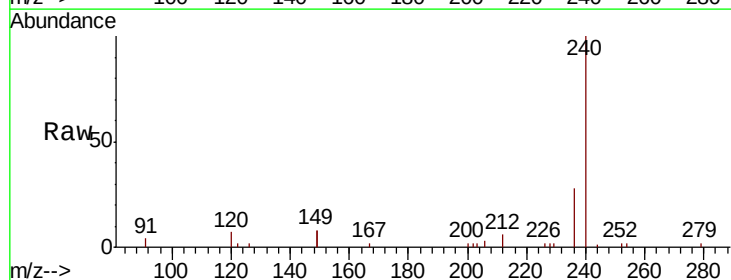
Tgt Ion:240 Resp: 6688

Ion Ratio Lower Upper

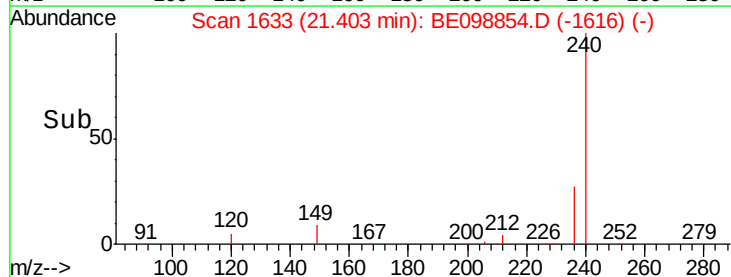
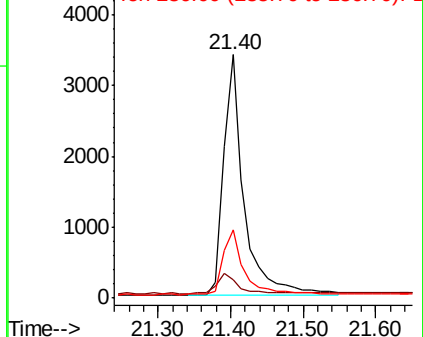
240 100

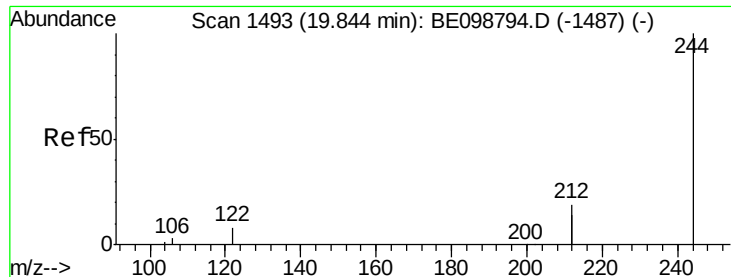
120 7.3 5.0 7.4

236 28.3 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

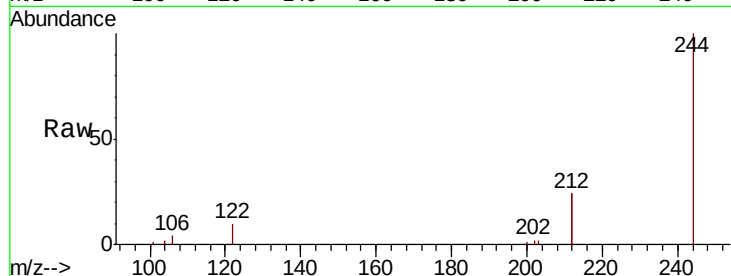




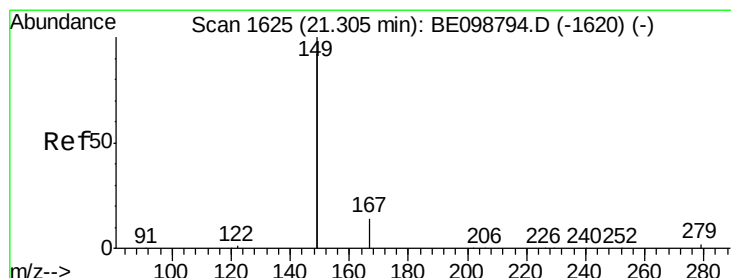
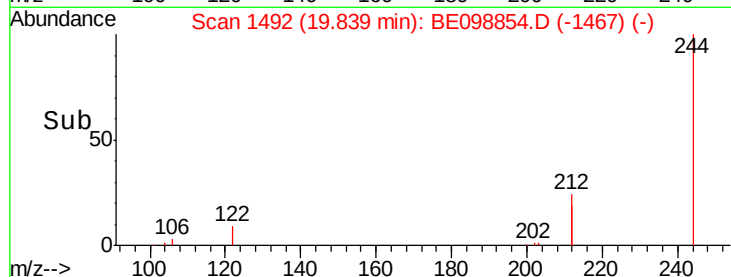
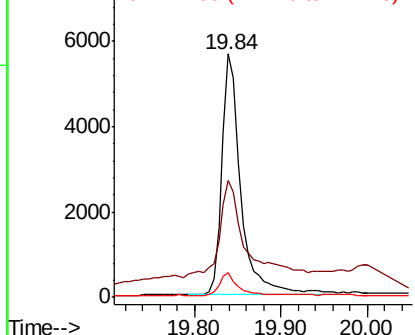
#29
 Terphenyl-d14
 Concen: 0.538 ng
 RT: 19.84 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: BE098854.D
 Acq: 9 Mar 2019 4:36

Instrument :
 BNA_E
 ClientSampleId :
 DUP02-20190306

Tot Ion:244 Resp: 8748
 Ion Ratio Lower Upper
 244 100
 212 48.2 29.4 44.2#
 122 9.9 7.1 10.7

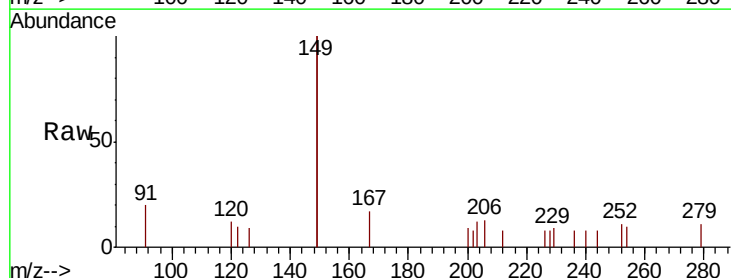


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

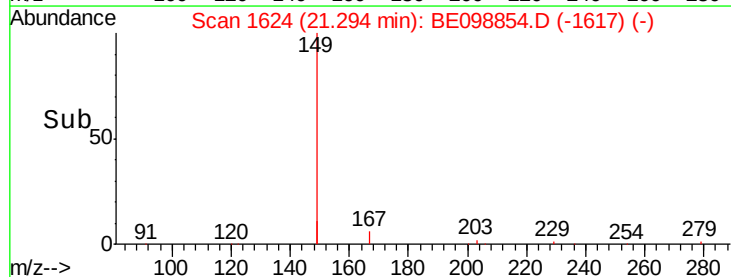
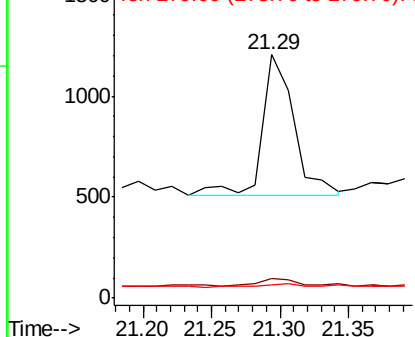


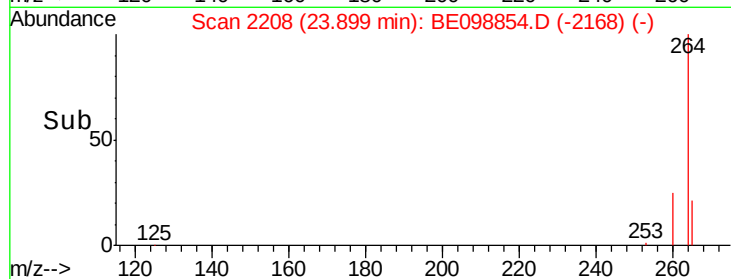
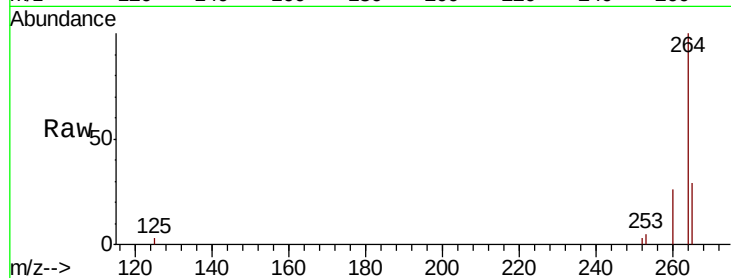
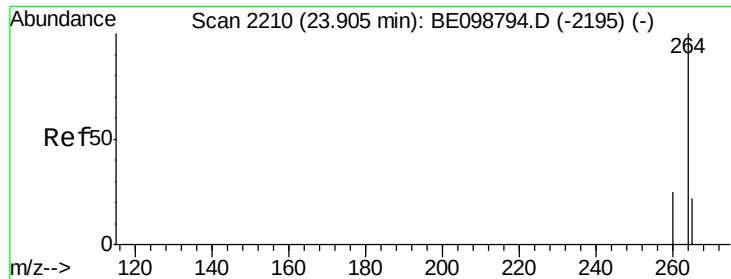
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.025 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BE098854.D
 Acq: 9 Mar 2019 4:36

Tgt Ion:149 Resp: 1125
 Ion Ratio Lower Upper
 149 100
 167 6.3 5.4 8.0
 279 3.2 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

Pervlene-d12

Concen: 0.400 ng

RT: 23.90 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BE098854.D

Acq: 9 Mar 2019 4:36

Instrument :

BNA_E

ClientSampleId :

DUP02-20190306

Tot Ion:264 Resp: 6549

Ion Ratio Lower Upper

264 100

260 25.9 21.2 31.8

265 29.0 24.6 36.8

