

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031419\
 Data File : BE098942.D
 Acq On : 14 Mar 2019 12:39
 Operator : JU/SJ
 Sample : K1860-07DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE105D1-20190311DL

Quant Time: Mar 15 04:48:26 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

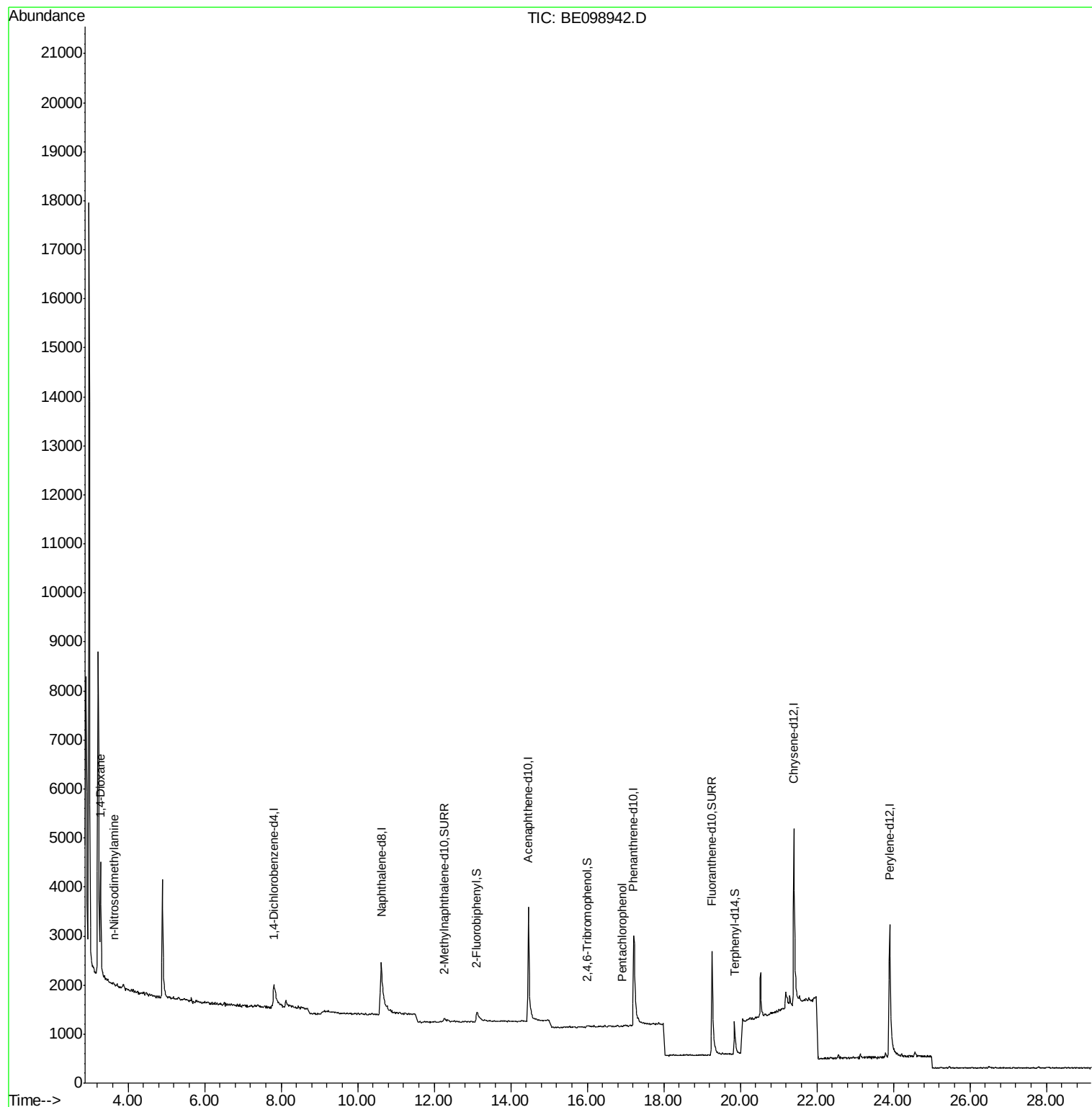
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	539	0.40	ng	0.01
7) Naphthalene-d8	10.61	136	2936	0.40	ng	0.02
13) Acenaphthene-d10	14.46	164	2356	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5571	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6027	0.40	ng	0.00
34) Perylene-d12	23.90	264	5750	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.42	112	17	0.01	ng	0.04
5) Phenol-d6	6.99	99	8	0.00	ng	0.00
8) Nitrobenzene-d5	9.00	82	9	0.00	ng	0.04
11) 2-Methylnaphthalene-d10	12.25	152	314	0.06	ng	0.06
14) 2,4,6-Tribromophenol	16.00	330	59	0.05	ng	0.03
15) 2-Fluorobiphenyl	13.12	172	632	0.06	ng	0.03
25) Fluoranthene-d10	19.26	212	5344	0.06	ng	0.01
29) Terphenyl-d14	19.85	244	1080	0.07	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	1364	1.539	ng	# 90
3) n-Nitrosodimethylamine	3.64	42	31	0.023	ng	# 14
22) Pentachlorophenol	16.92	266	9	0.272	ng	88

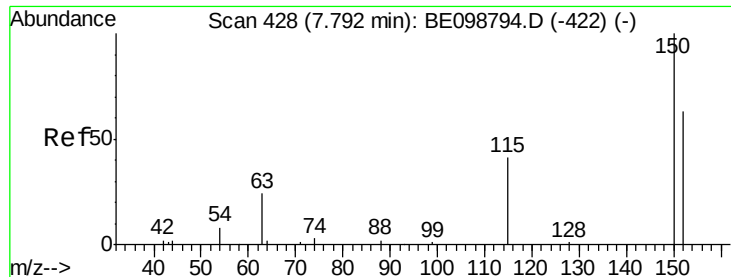
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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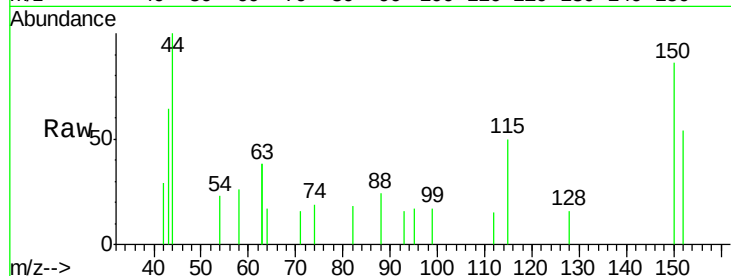


#1

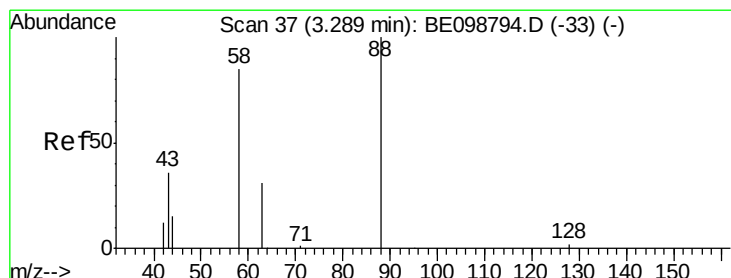
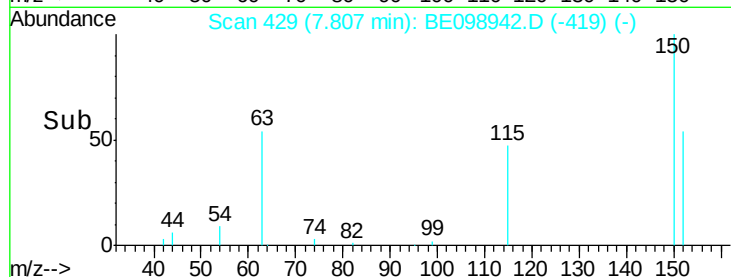
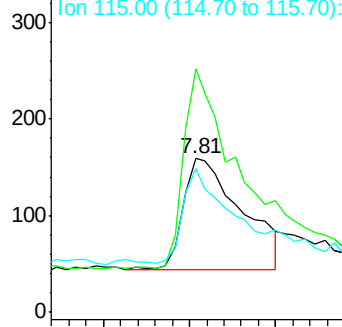
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. 0.01 min
Lab File: BE098942.D
Acq: 14 Mar 2019 12:39

Instrument :
BNA_E
ClientSampleId :
RE105D1-20190311DL

Tgt Ion:152 Resp: 539
Ion Ratio Lower Upper
152 100
150 158.5 122.5 183.7
115 93.1 57.4 86.2#



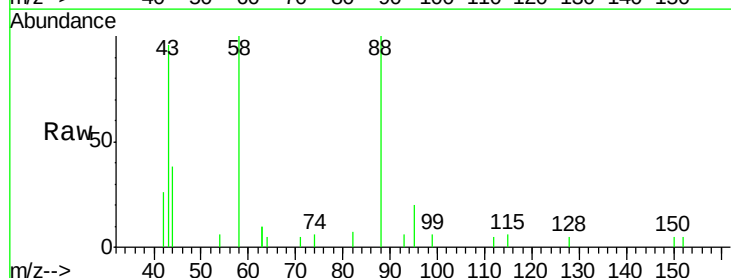
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



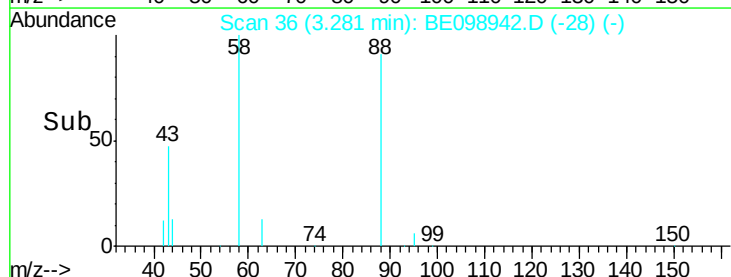
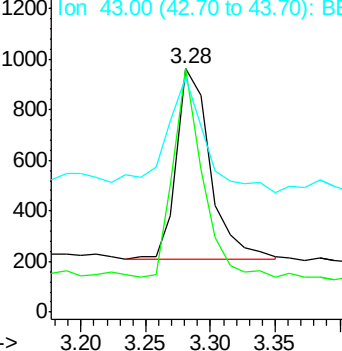
#2

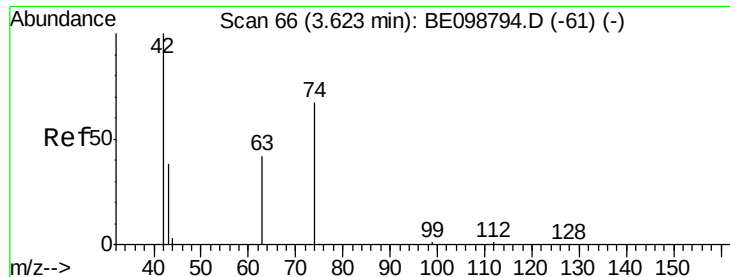
1,4-Dioxane
Concen: 1.539 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098942.D
Acq: 14 Mar 2019 12:39

Tgt Ion: 88 Resp: 1364
Ion Ratio Lower Upper
88 100
58 94.6 75.8 113.6
43 72.1 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

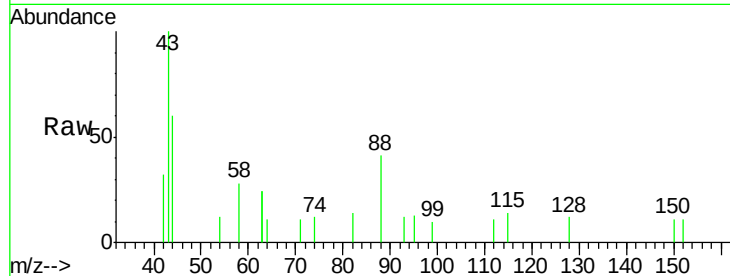




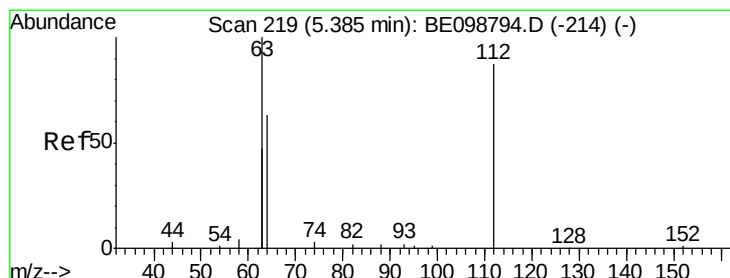
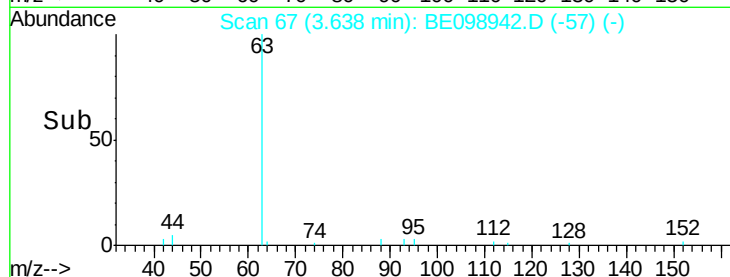
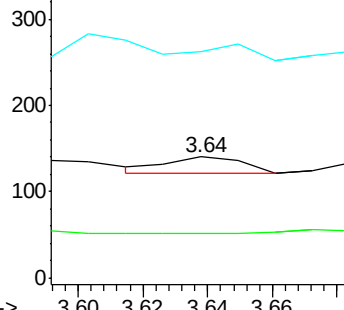
#3
 n-Nitrosodimethylamine
 Concen: 0.023 ng
 RT: 3.64 min Scan# 67
 Delta R.T. 0.01 min
 Lab File: BE098942.D
 Acq: 14 Mar 2019 12:39

Instrument :
 BNA_E
 ClientSampleId :
 RE105D1-20190311DL

Tgt Ion: 42 Resp: 31
 Ion Ratio Lower Upper
 42 100
 74 0.0 57.0 85.4#
 44 0.0 0.0 0.0

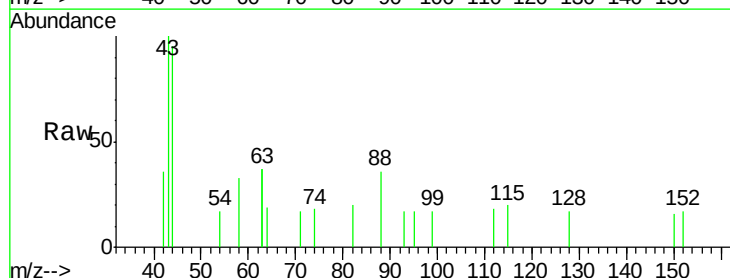


Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0

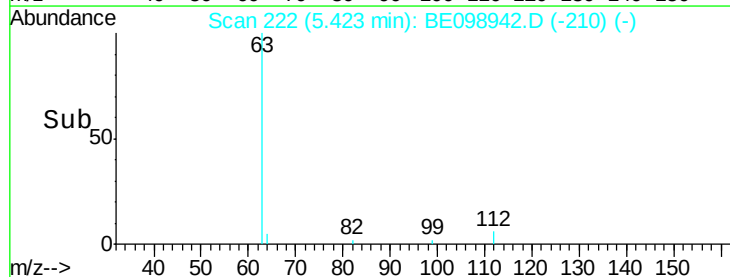
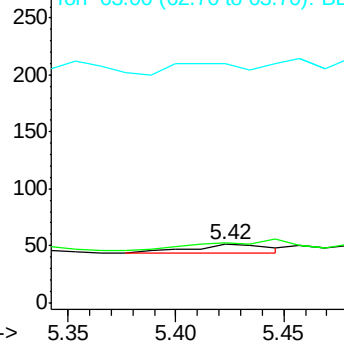


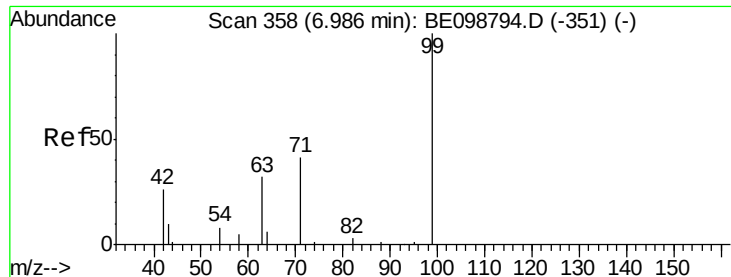
#4
 2-Fluorophenol
 Concen: 0.011 ng
 RT: 5.42 min Scan# 222
 Delta R.T. 0.04 min
 Lab File: BE098942.D
 Acq: 14 Mar 2019 12:39

Tgt Ion: 112 Resp: 17
 Ion Ratio Lower Upper
 112 100
 64 0.0 57.9 86.9#
 63 0.0 158.3 237.5#



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: 0.004 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE098942.D

Acq: 14 Mar 2019 12:39

Instrument :

BNA_E

ClientSampleId :

RE105D1-20190311DL

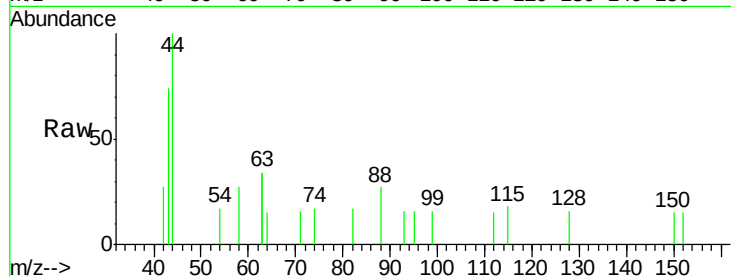
Tgt Ion: 99 Resp: 8

Ion Ratio Lower Upper

99 100

42 125.0 24.2 36.2#

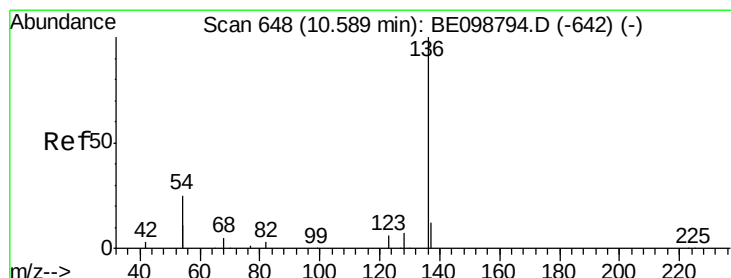
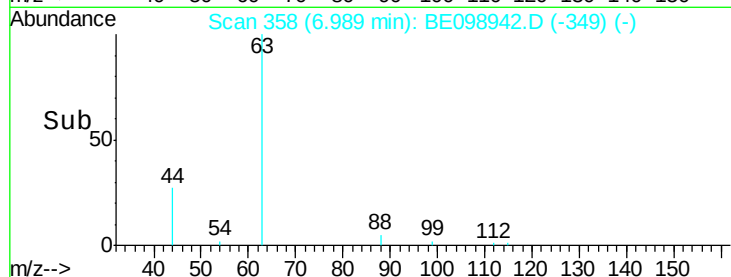
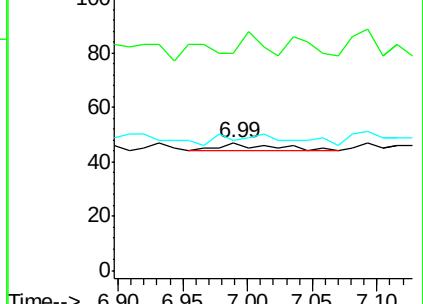
71 0.0 35.7 53.5#



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. 0.02 min

Lab File: BE098942.D

Acq: 14 Mar 2019 12:39

Tgt Ion: 136 Resp: 2936

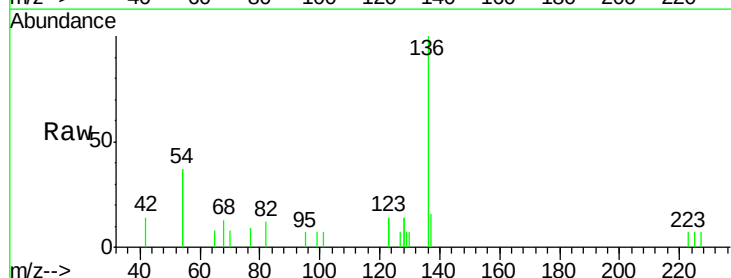
Ion Ratio Lower Upper

136 100

137 16.0 11.4 17.0

54 74.2 39.3 58.9#

68 13.0 6.7 10.1#

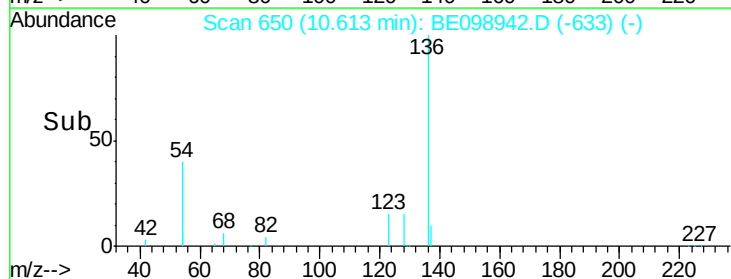
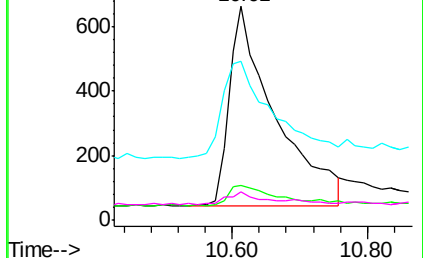


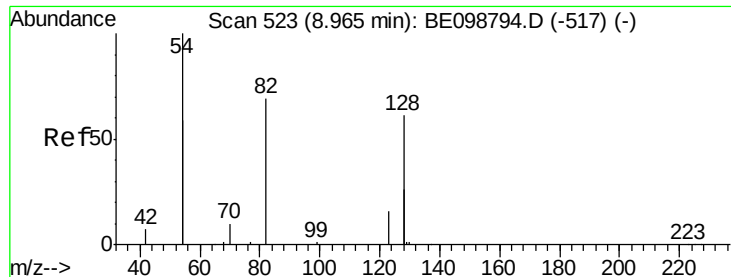
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.003 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.04 min

Lab File: BE098942.D

Acq: 14 Mar 2019 12:39

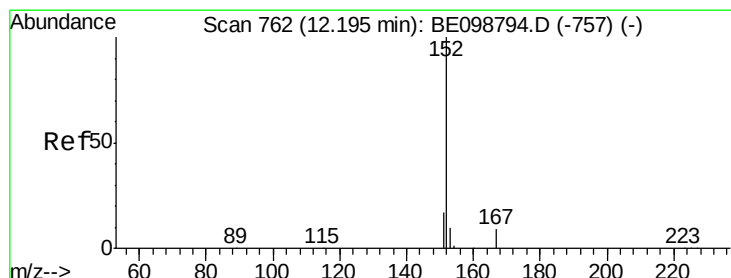
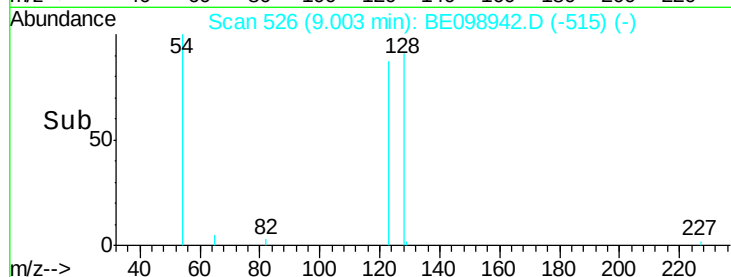
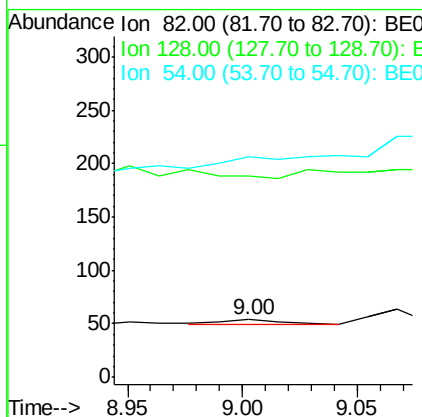
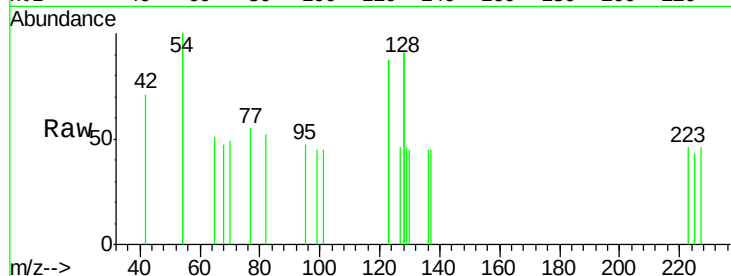
Instrument :

BNA_E

ClientSampleId :

RE105D1-20190311DL

Tgt Ion:	82	Resp:	9
Ion	Ratio	Lower	Upper
82	100		
128	348.1	123.8	185.8#
54	381.5	203.4	305.2#



#11

2-Methylnaphthalene-d10

Concen: 0.058 ng

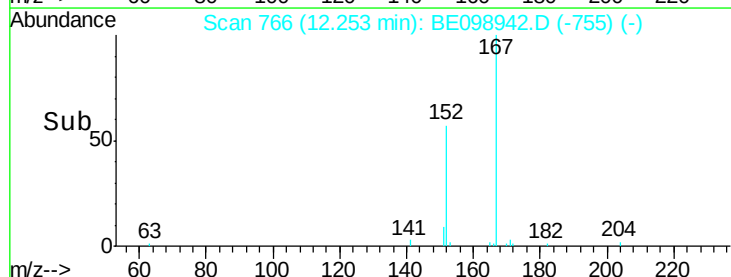
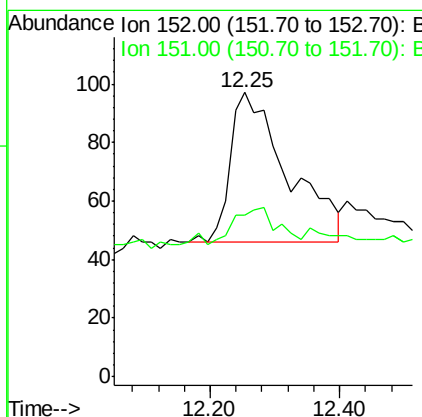
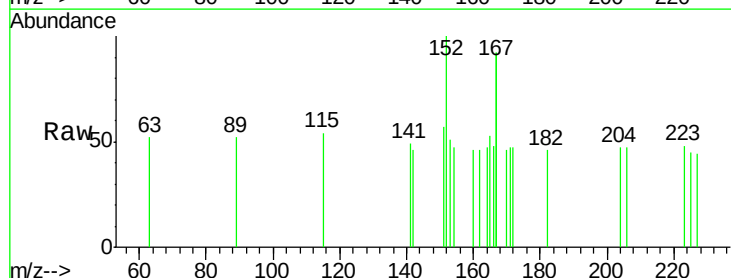
RT: 12.25 min Scan# 766

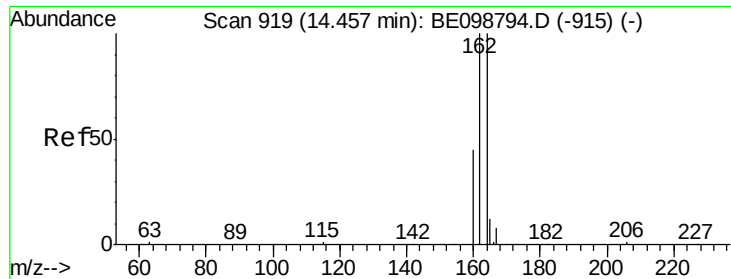
Delta R.T. 0.06 min

Lab File: BE098942.D

Acq: 14 Mar 2019 12:39

Tgt Ion:	152	Resp:	314
Ion	Ratio	Lower	Upper
152	100		
151	0.0	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: BE098942.D

Acq: 14 Mar 2019 12:39

Instrument :

BNA_E

ClientSampleId :

RE105D1-20190311DL

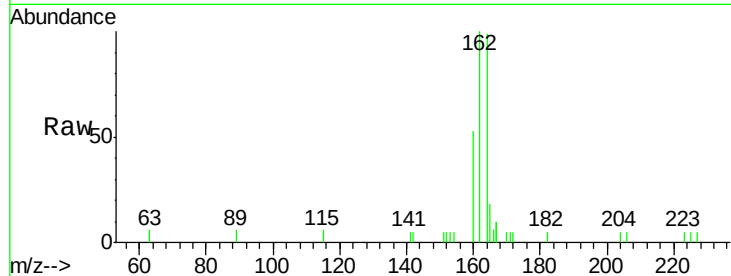
Tgt Ion:164 Resp: 2356

Ion Ratio Lower Upper

164 100

162 100.5 80.2 120.2

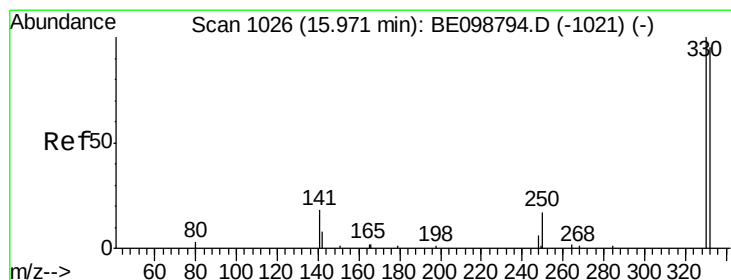
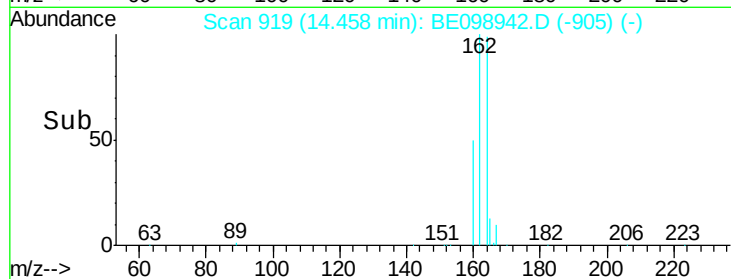
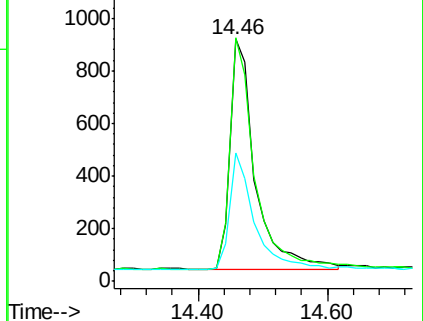
160 52.9 37.8 56.8



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: 0.050 ng

RT: 16.00 min Scan# 1028

Delta R.T. 0.03 min

Lab File: BE098942.D

Acq: 14 Mar 2019 12:39

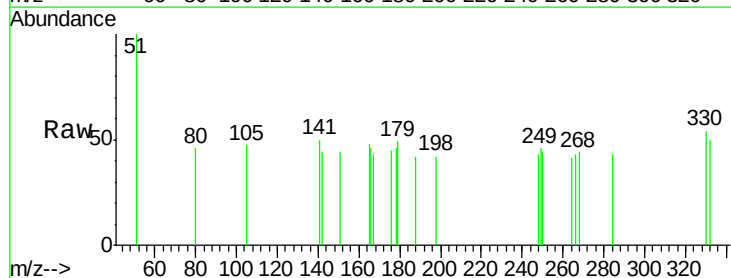
Tgt Ion:330 Resp: 59

Ion Ratio Lower Upper

330 100

332 45.8 77.6 116.4#

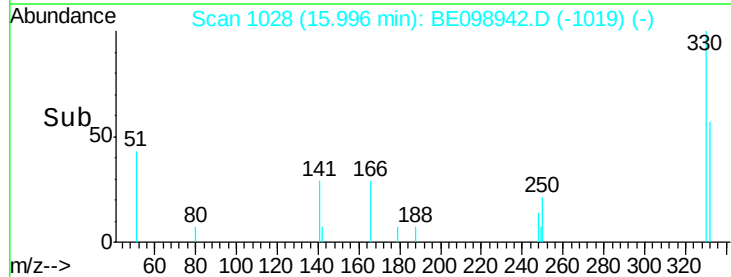
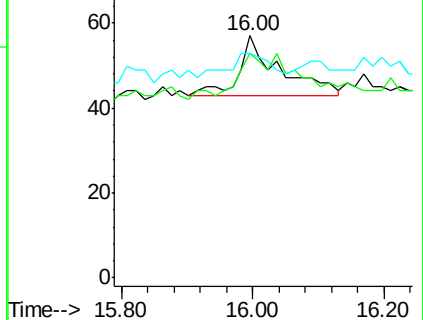
141 44.1 31.0 46.4

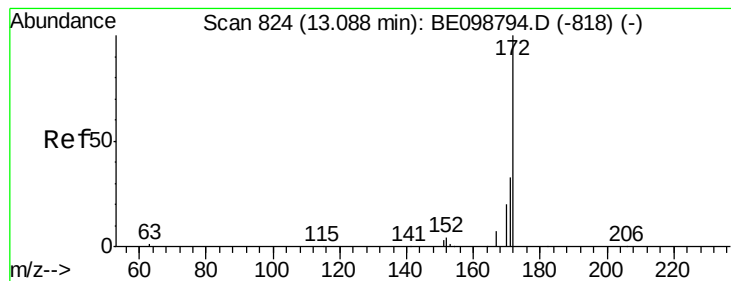


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

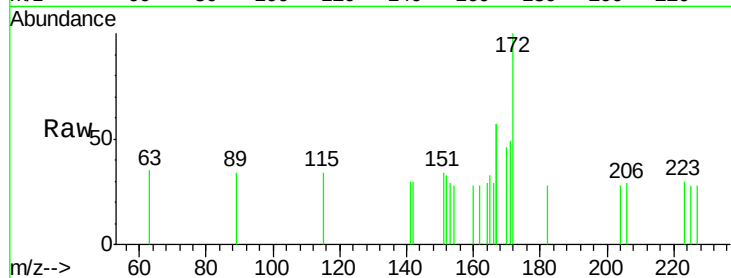




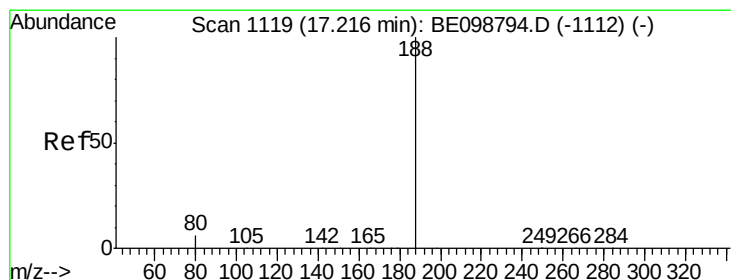
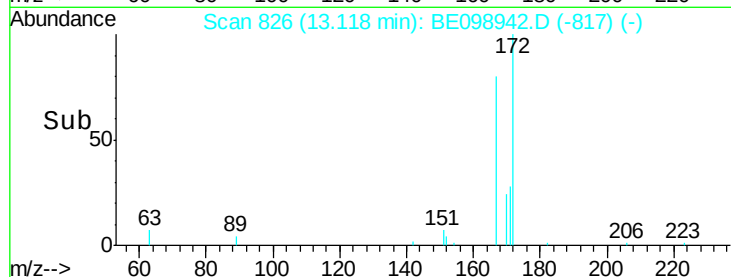
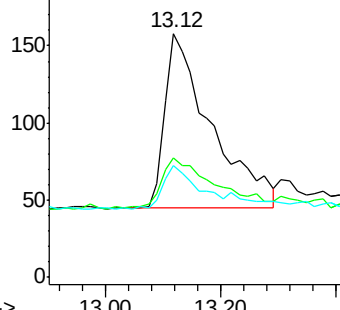
#15
2-Fluorobiphenyl
Concen: 0.065 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.03 min
Lab File: BE098942.D
Acq: 14 Mar 2019 12:39

Instrument :
BNA_E
ClientSampleId :
RE105D1-20190311DL

Tgt Ion:172 Resp: 632
Ion Ratio Lower Upper
172 100
171 48.7 28.0 42.0#
170 45.6 17.7 26.5#

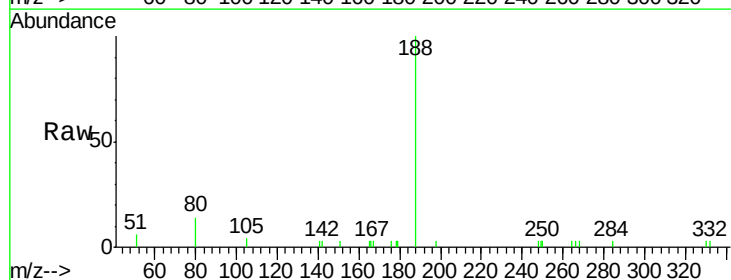


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

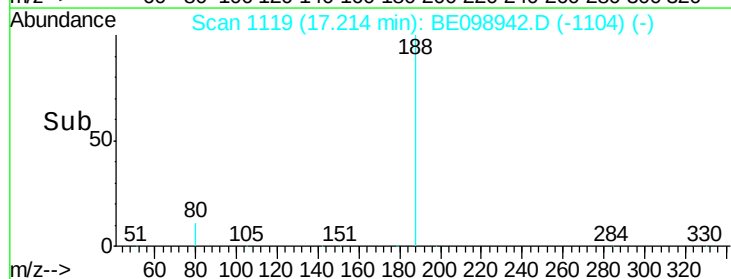
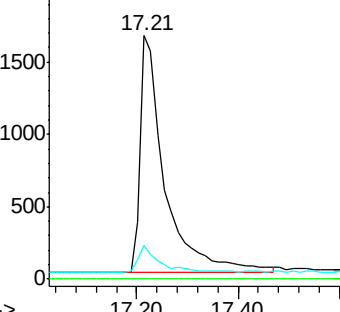


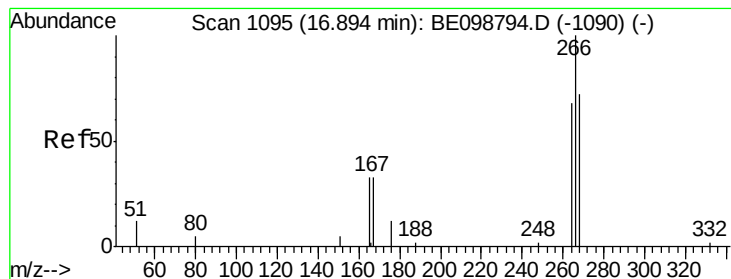
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE098942.D
Acq: 14 Mar 2019 12:39

Tgt Ion:188 Resp: 5571
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.7 6.3 9.5#



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: 0.272 ng

RT: 16.92 min Scan# 1097

Delta R.T. 0.03 min

Lab File: BE098942.D

Acq: 14 Mar 2019 12:39

Instrument :

BNA_E

ClientSampleId :

RE105D1-20190311DL

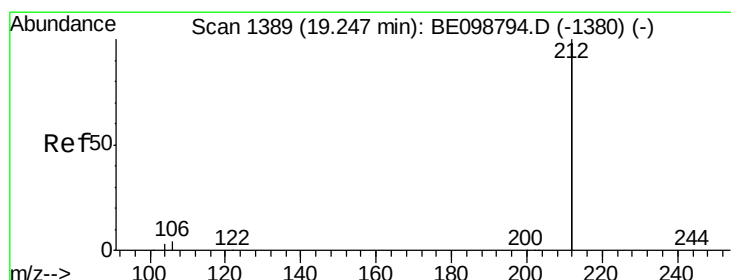
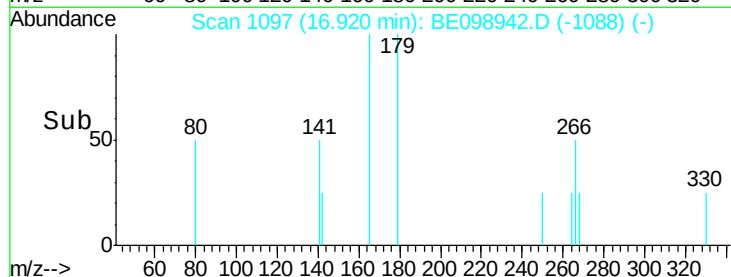
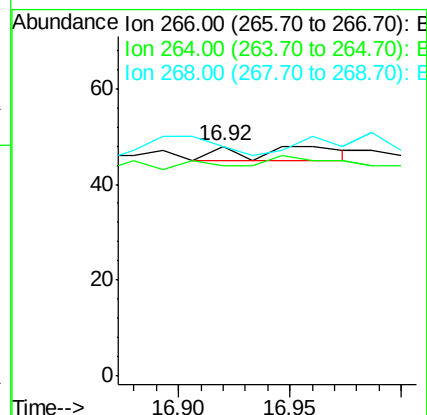
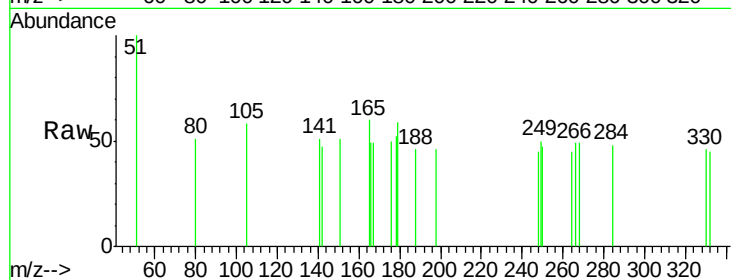
Tgt Ion: 266 Resp: 9

Ion Ratio Lower Upper

266 100

264 91.7 66.6 100.0

268 100.0 69.8 104.8



#25

Fluoranthene-d10

Concen: 0.060 ng

RT: 19.26 min Scan# 1391

Delta R.T. 0.01 min

Lab File: BE098942.D

Acq: 14 Mar 2019 12:39

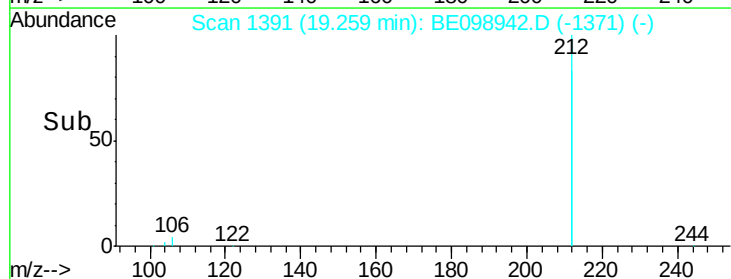
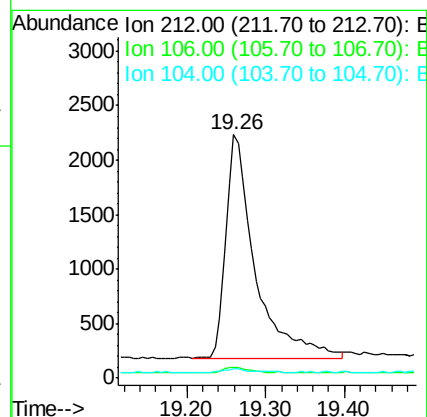
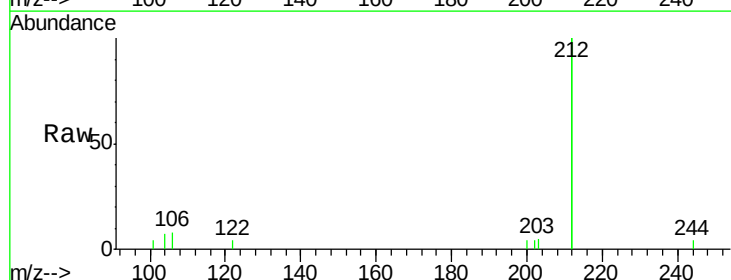
Tgt Ion: 212 Resp: 5344

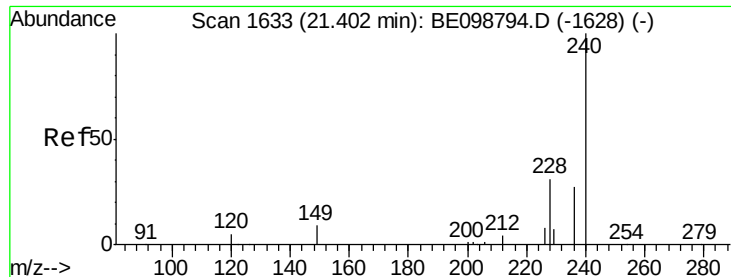
Ion Ratio Lower Upper

212 100

106 2.4 1.8 2.8

104 1.4 1.0 1.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE098942.D

Acq: 14 Mar 2019 12:39

Instrument :

BNA_E

ClientSampleId :

RE105D1-20190311DL

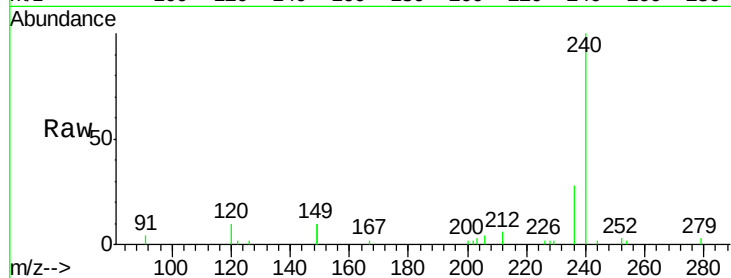
Tgt Ion:240 Resp: 6027

Ion Ratio Lower Upper

240 100

120 9.5 5.0 7.4#

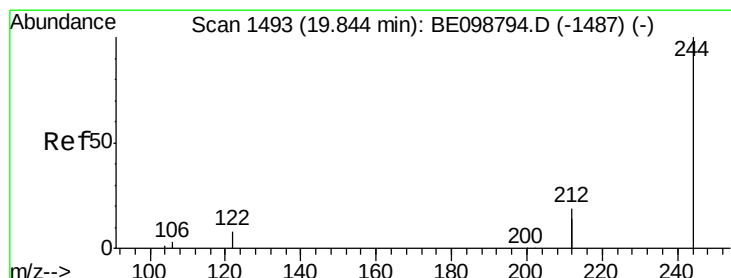
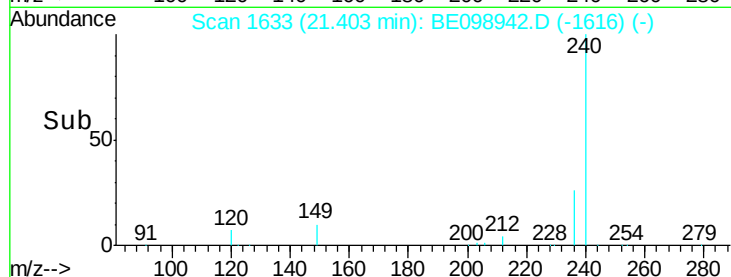
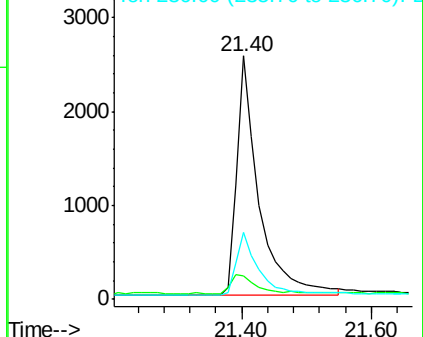
236 27.6 22.7 34.1



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: 0.074 ng

RT: 19.85 min Scan# 1494

Delta R.T. 0.01 min

Lab File: BE098942.D

Acq: 14 Mar 2019 12:39

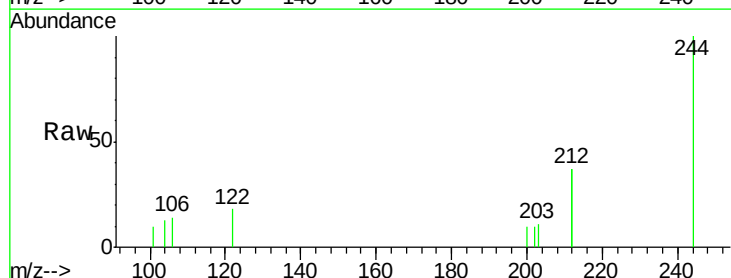
Tgt Ion:244 Resp: 1080

Ion Ratio Lower Upper

244 100

212 73.6 29.4 44.2#

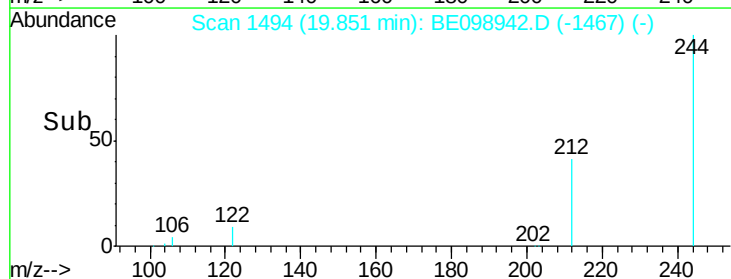
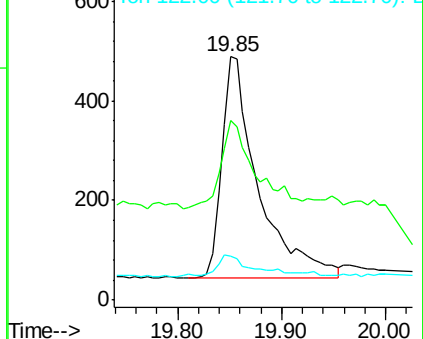
122 18.2 7.1 10.7#

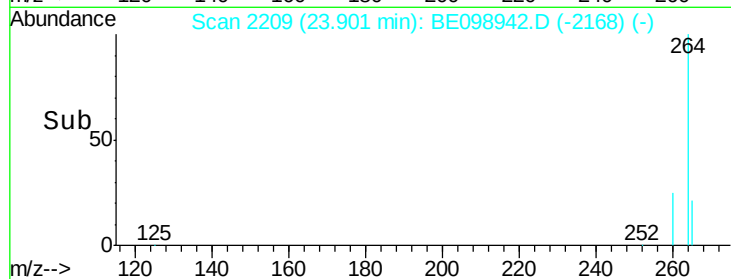
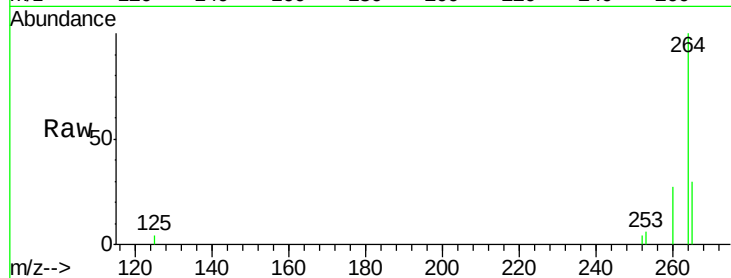
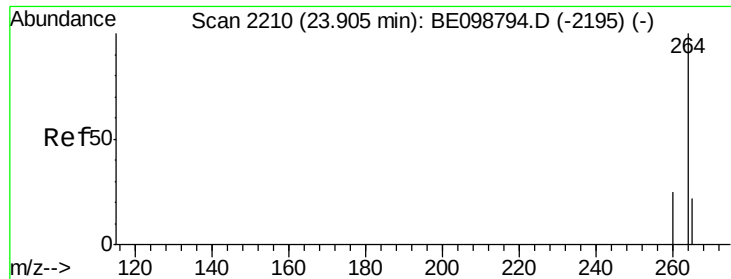


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.90 min Scan# 2209

Delta R.T. -0.00 min

Lab File: BE098942.D

Acq: 14 Mar 2019 12:39

Instrument :

BNA_E

ClientSampleId :

RE105D1-20190311DL

Tgt Ion:264 Resp: 5750

Ion Ratio Lower Upper

264 100

260 27.3 21.2 31.8

265 30.4 24.6 36.8

