

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031419\
 Data File : BE098941.D
 Acq On : 14 Mar 2019 12:00
 Operator : JU/SJ
 Sample : K1860-05DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE120D2-20190311DL

Quant Time: Mar 15 05:31:01 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

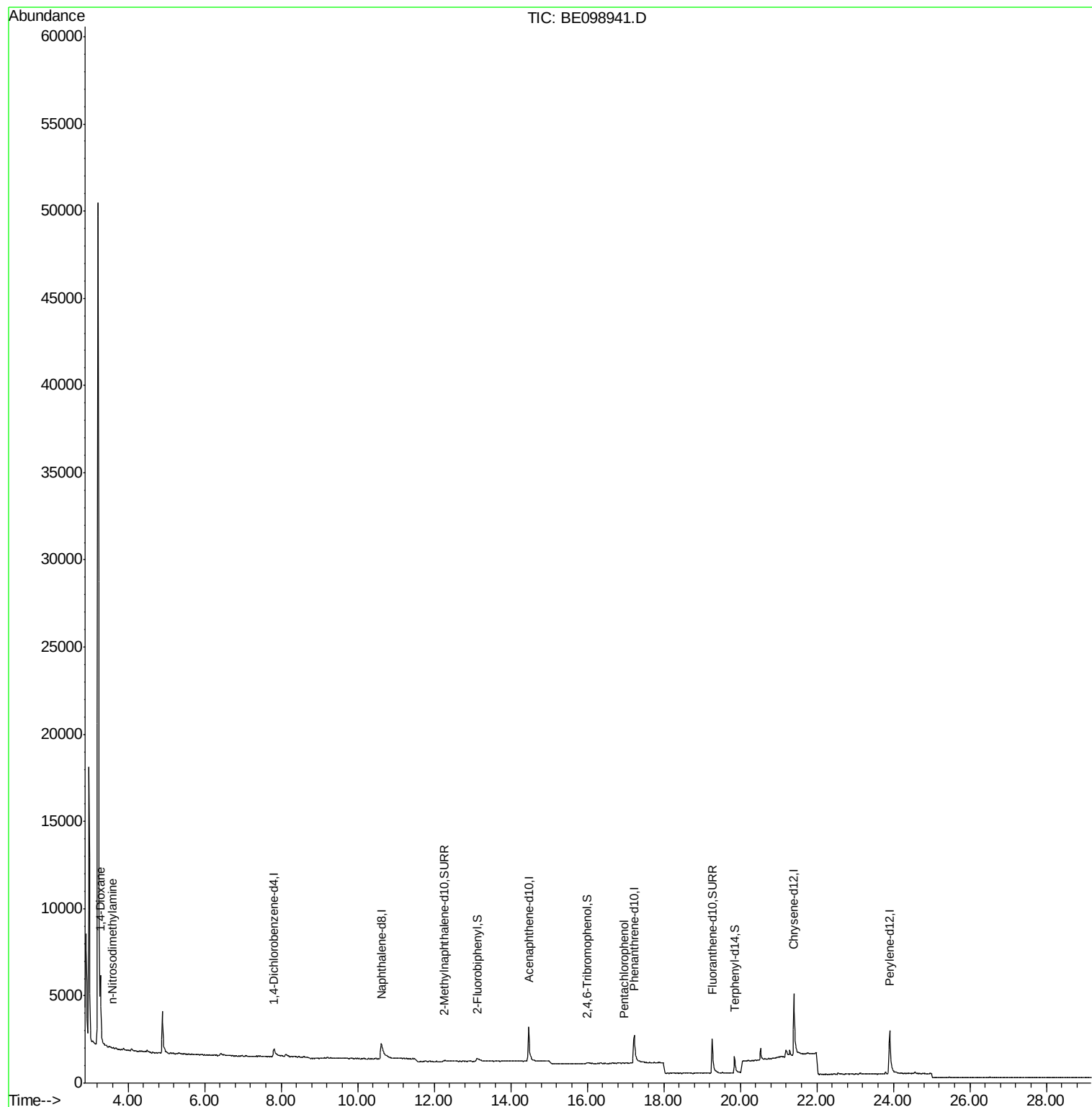
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	507	0.40	ng	0.01
7) Naphthalene-d8	10.61	136	2717	0.40	ng	0.03
13) Acenaphthene-d10	14.47	164	2140	0.40	ng	0.01
19) Phenanthrene-d10	17.23	188	5210	0.40	ng	0.01
27) Chrysene-d12	21.40	240	6083	0.40	ng	0.00
34) Perylene-d12	23.90	264	5222	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	3	0.00	ng	0.00
5) Phenol-d6	7.01	99	6	0.00	ng	0.03
8) Nitrobenzene-d5	8.98	82	10	0.00	ng	0.01
11) 2-Methylnaphthalene-d10	12.25	152	372	0.07	ng	0.06
14) 2,4,6-Tribromophenol	16.00	330	70	0.06	ng	0.03
15) 2-Fluorobiphenyl	13.13	172	663	0.07	ng	0.04
25) Fluoranthene-d10	19.26	212	5105	0.06	ng	0.02
29) Terphenyl-d14	19.85	244	1541	0.10	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	1963	2.411	ng	94
3) n-Nitrosodimethylamine	3.58	42	27	0.021	ng	# 14
22) Pentachlorophenol	16.96	266	10	0.273	ng	90

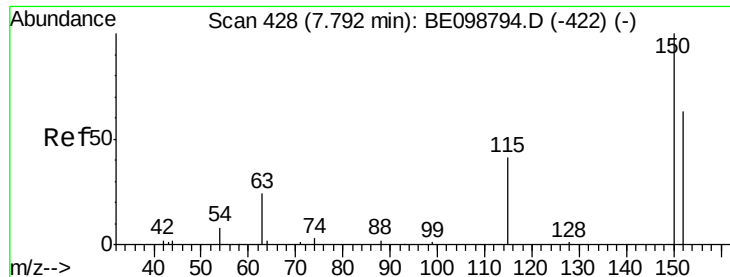
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE098941.D

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Instrument :

BNA_E

ClientSampleId :

RE120D2-20190311DL

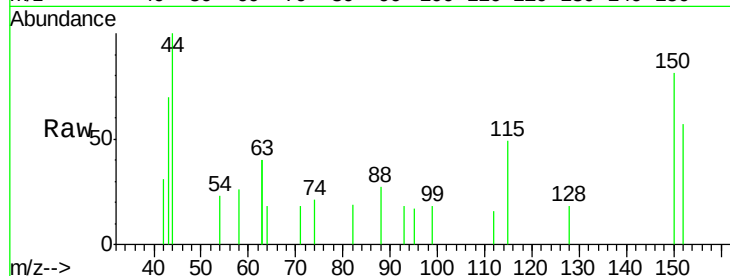
Tgt Ion: 152 Resp: 507

Ion Ratio Lower Upper

152 100

150 141.8 122.5 183.7

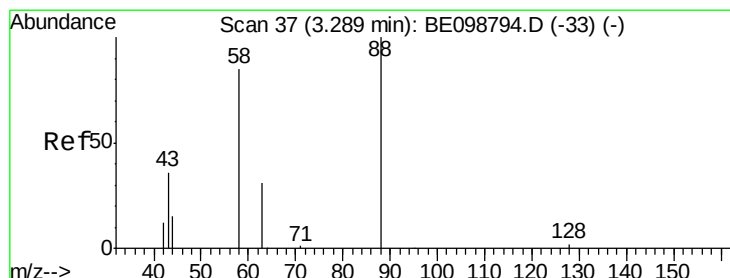
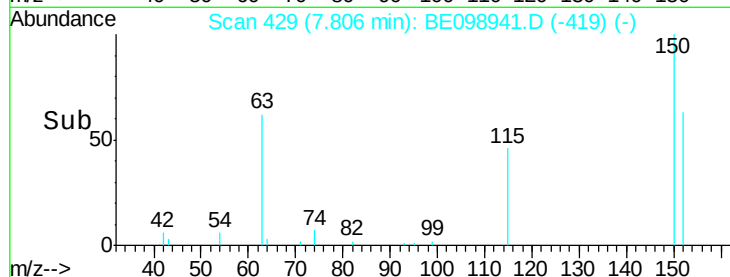
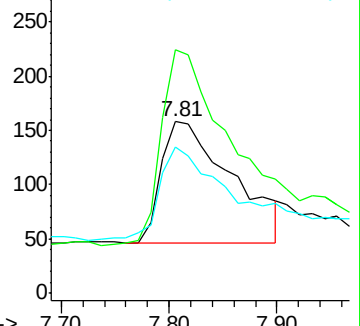
115 85.4 57.4 86.2



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: 2.411 ng

RT: 3.28 min Scan# 36

Delta R.T. -0.01 min

Lab File: BE098941.D

Acq: 14 Mar 2019 12:00

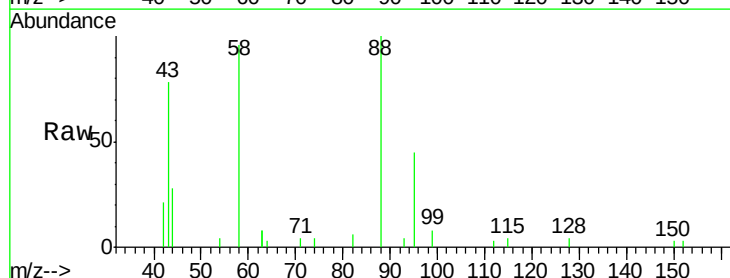
Tgt Ion: 88 Resp: 1963

Ion Ratio Lower Upper

88 100

58 99.9 75.8 113.6

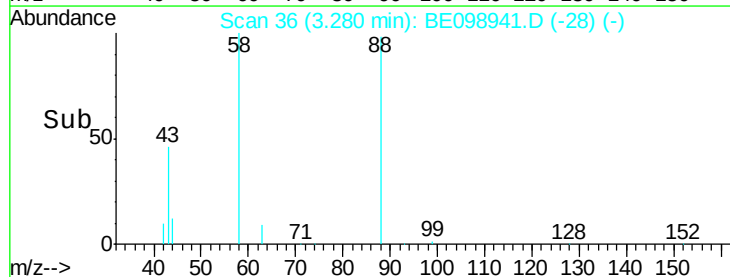
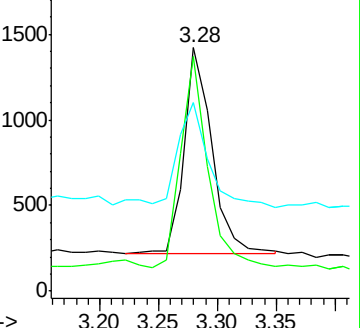
43 56.3 41.8 62.8

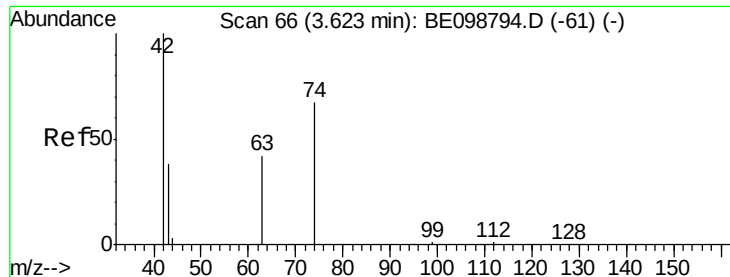


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.021 ng

RT: 3.58 min Scan# 62

Delta R.T. -0.04 min

Lab File: BE098941.D

Acq: 14 Mar 2019 12:00

Instrument :

BNA_E

ClientSampleId :

RE120D2-20190311DL

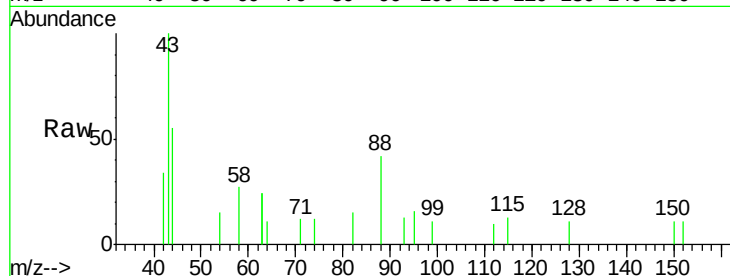
Tgt Ion: 42 Resp: 27

Ion Ratio Lower Upper

42 100

74 0.0 57.0 85.4#

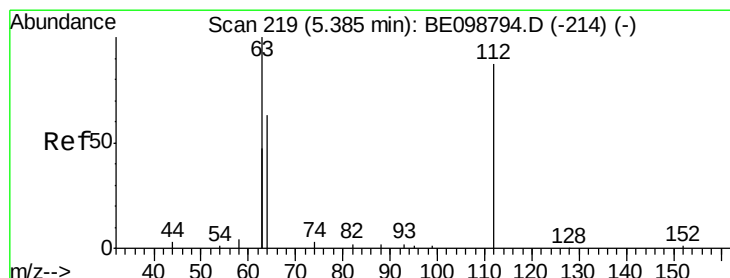
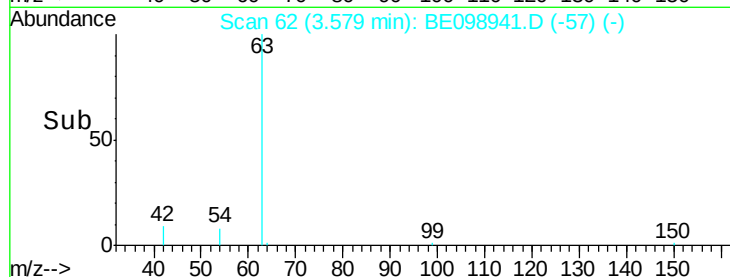
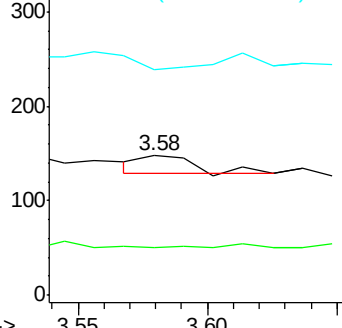
44 0.0 0.0 0.0



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: 0.002 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.00 min

Lab File: BE098941.D

Acq: 14 Mar 2019 12:00

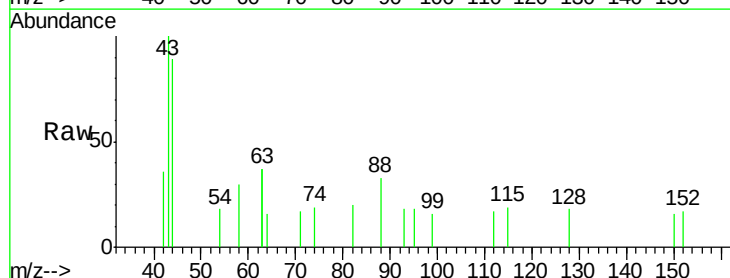
Tgt Ion: 112 Resp: 3

Ion Ratio Lower Upper

112 100

64 0.0 57.9 86.9#

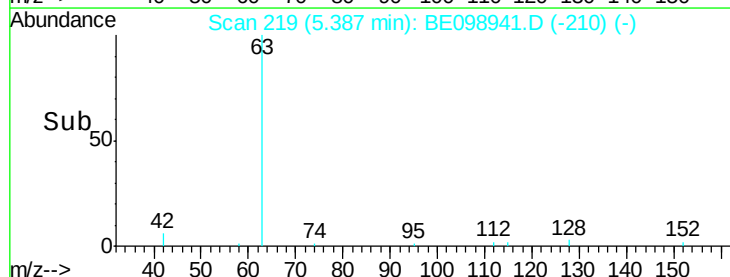
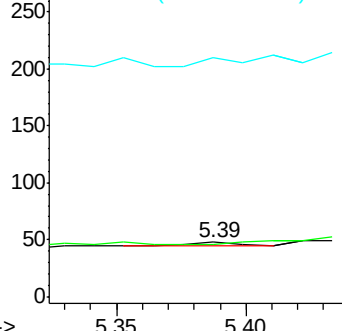
63 0.0 158.3 237.5#

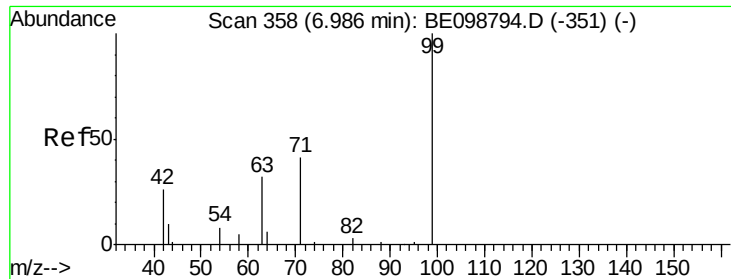


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.003 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.03 min

Lab File: BE098941.D

Acq: 14 Mar 2019 12:00

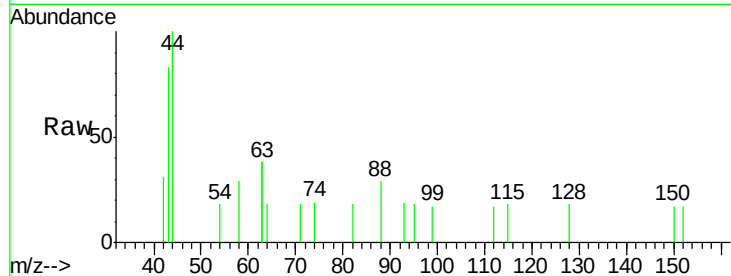
Instrument :

BNA_E

ClientSampleId :

RE120D2-20190311DL

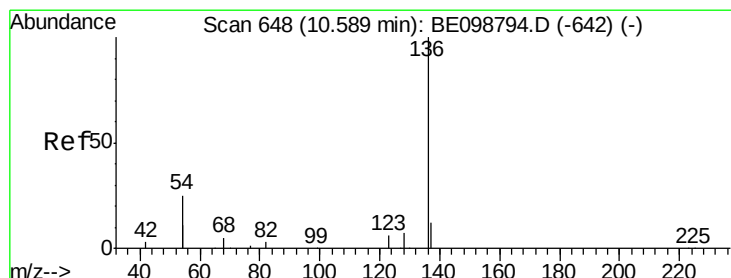
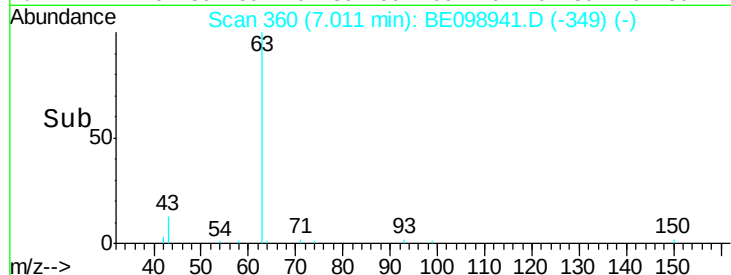
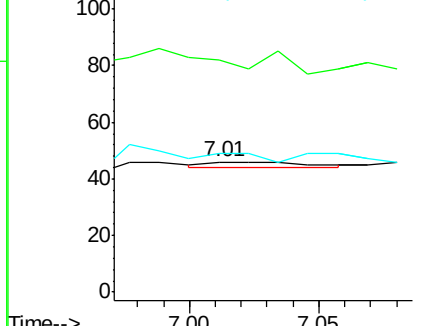
Tgt Ion:	99	Resp:	6
Ion	Ratio	Lower	Upper
99	100		
42	0.0	24.2	36.2#
71	0.0	35.7	53.5#



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



#7

Naphthalene-d8

Concen: 0.400 ng

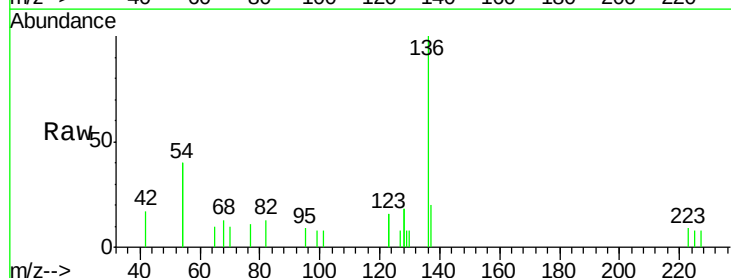
RT: 10.61 min Scan# 650

Delta R.T. 0.03 min

Lab File: BE098941.D

Acq: 14 Mar 2019 12:00

Tgt Ion:	136	Resp:	2717
Ion	Ratio	Lower	Upper
136	100		
137	20.1	11.4	17.0#
54	79.5	39.3	58.9#
68	12.6	6.7	10.1#

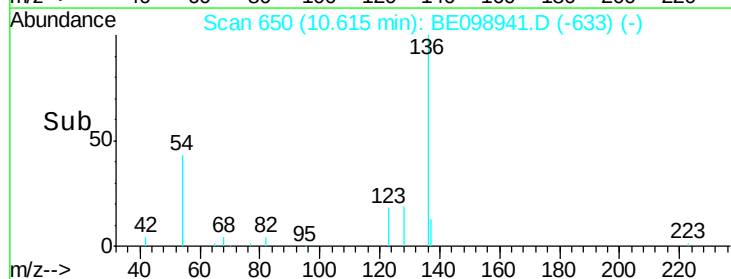
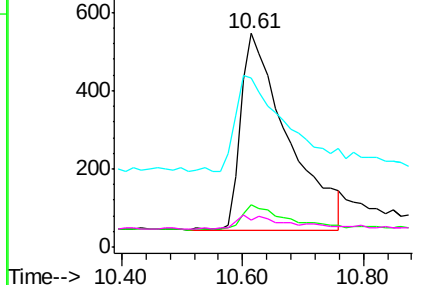


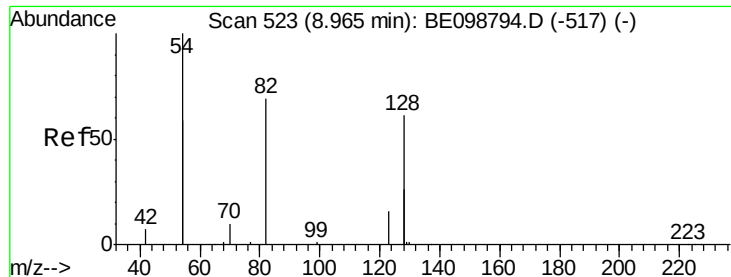
Abundance Ion 136.00 (135.70 to 136.70): E

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

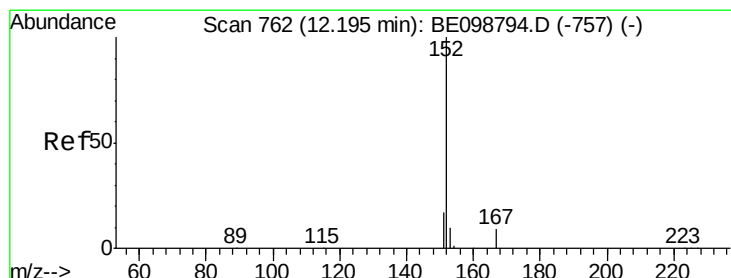
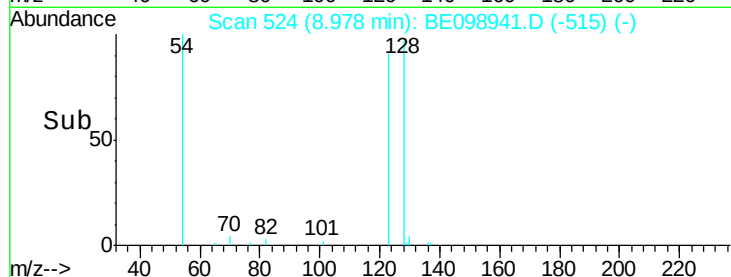
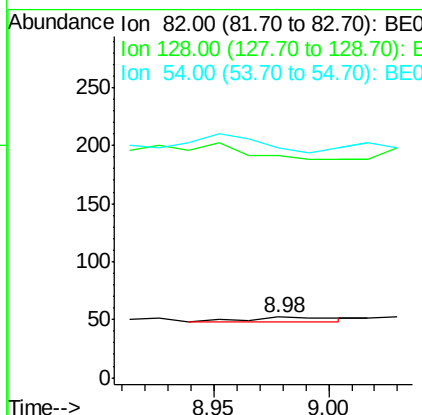
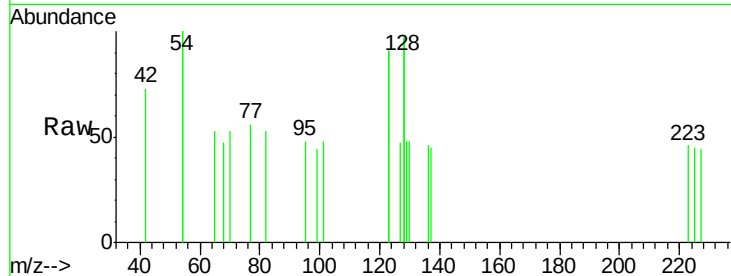




#8
 Nitrobenzene-d5
 Concen: 0.004 ng
 RT: 8.98 min Scan# 524
 Delta R.T. 0.01 min
 Lab File: BE098941.D
 Acq: 14 Mar 2019 12:00

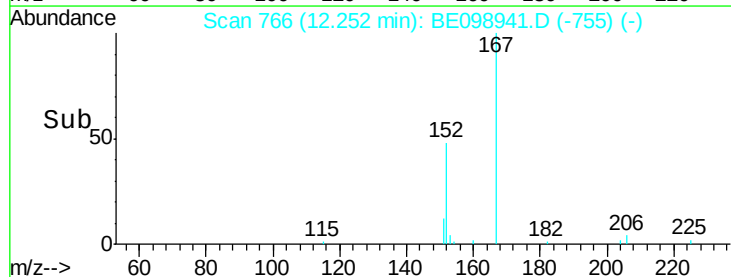
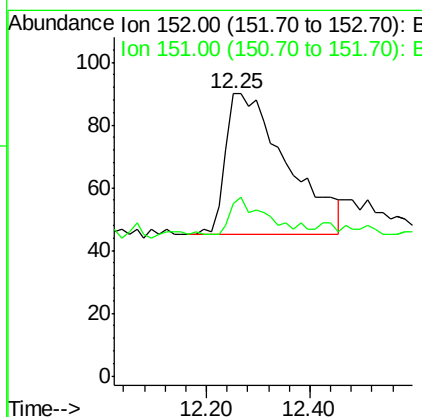
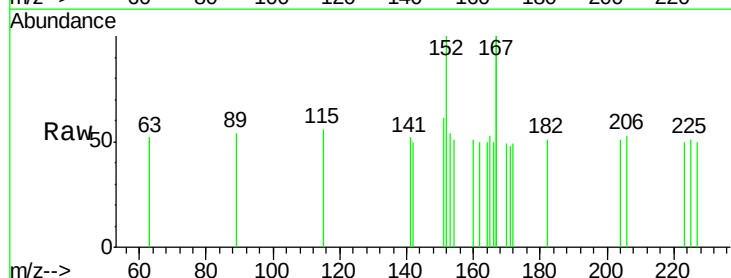
Instrument :
 BNA_E
 ClientSampleId :
 RE120D2-20190311DL

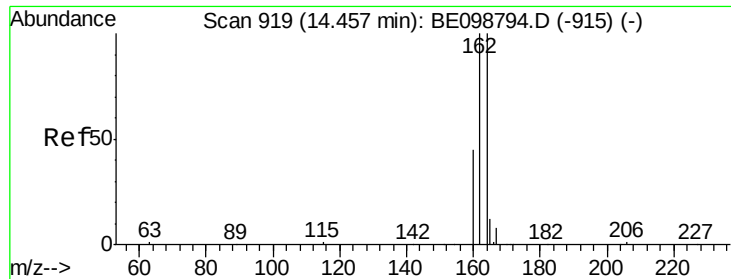
Tgt Ion: 82 Resp: 10
 Ion Ratio Lower Upper
 82 100
 128 369.2 123.8 185.8#
 54 380.8 203.4 305.2#



#11
 2-Methylnaphthalene-d10
 Concen: 0.074 ng
 RT: 12.25 min Scan# 766
 Delta R.T. 0.06 min
 Lab File: BE098941.D
 Acq: 14 Mar 2019 12:00

Tgt Ion: 152 Resp: 372
 Ion Ratio Lower Upper
 152 100
 151 15.9 16.5 24.7#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. 0.01 min

Lab File: BE098941.D

Acq: 14 Mar 2019 12:00

Instrument :

BNA_E

ClientSampleId :

RE120D2-20190311DL

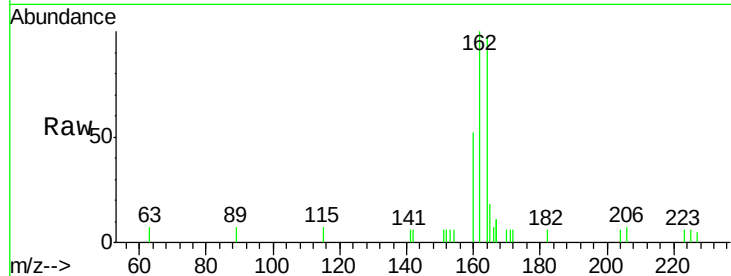
Tgt Ion:164 Resp: 2140

Ion Ratio Lower Upper

164 100

162 102.6 80.2 120.2

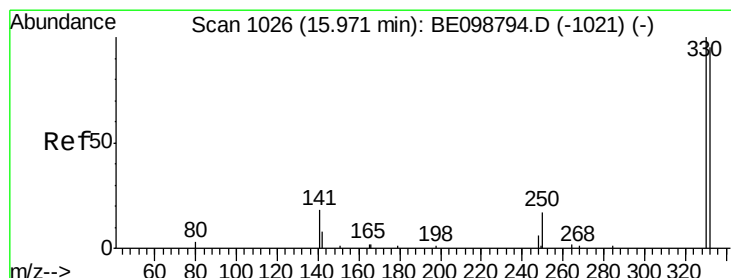
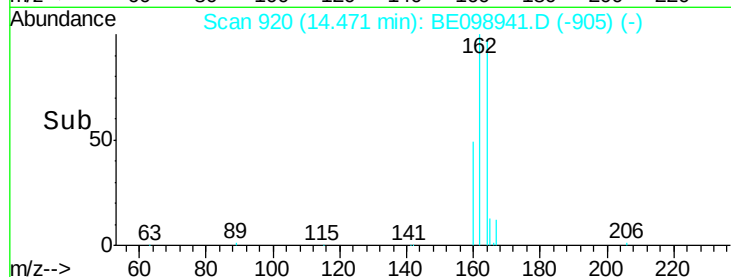
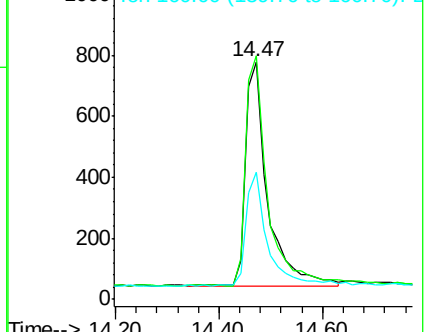
160 53.3 37.8 56.8



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: 0.065 ng

RT: 16.00 min Scan# 1028

Delta R.T. 0.03 min

Lab File: BE098941.D

Acq: 14 Mar 2019 12:00

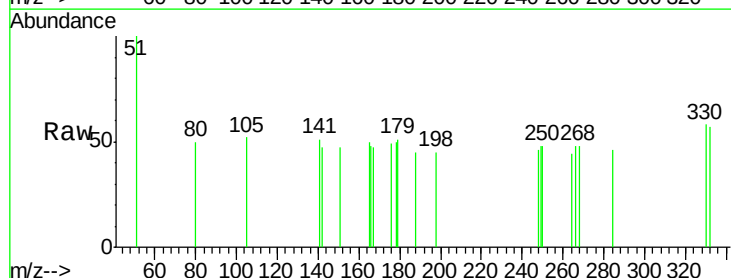
Tgt Ion:330 Resp: 70

Ion Ratio Lower Upper

330 100

332 72.9 77.6 116.4#

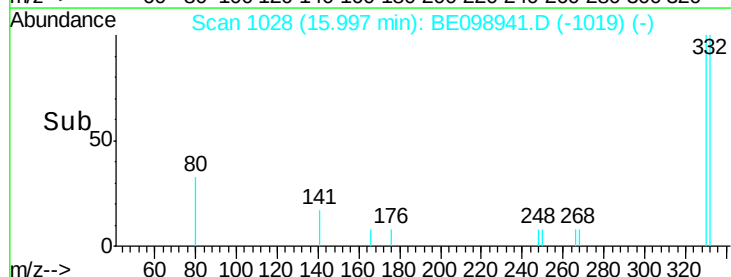
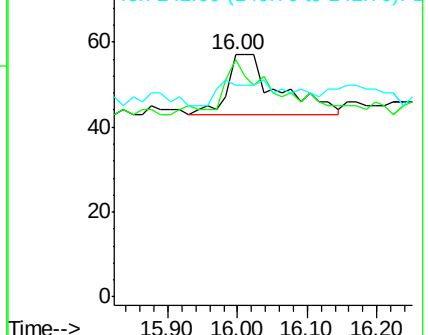
141 57.1 31.0 46.4#

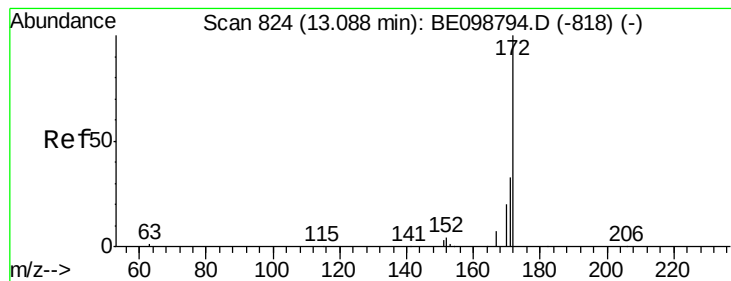


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.075 ng

RT: 13.13 min Scan# 827

Delta R.T. 0.04 min

Lab File: BE098941.D

Acq: 14 Mar 2019 12:00

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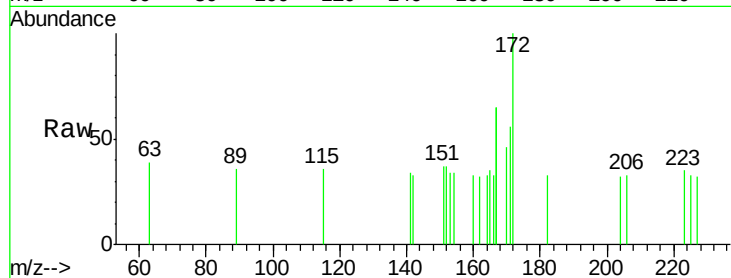
Tgt Ion:172 Resp: 663

Ion Ratio Lower Upper

172 100

171 55.8 28.0 42.0#

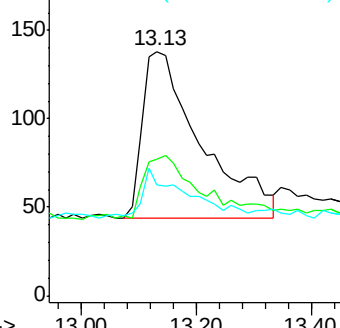
170 45.7 17.7 26.5#



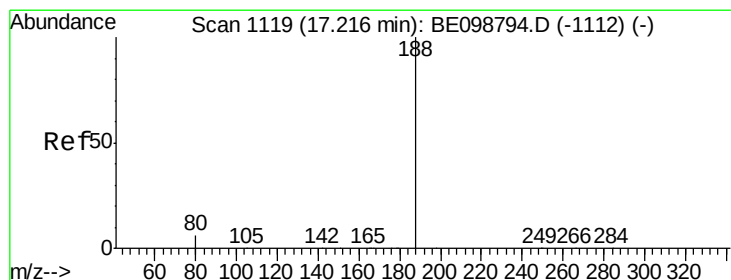
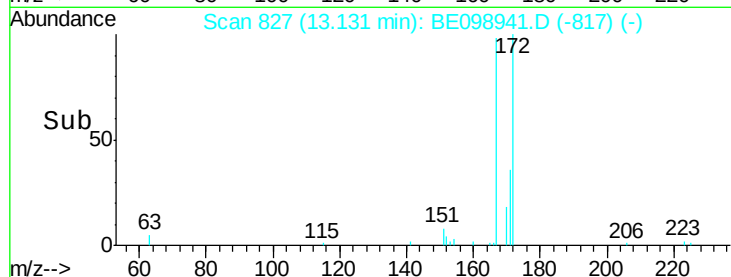
Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



Time-->



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.01 min

Lab File: BE098941.D

Acq: 14 Mar 2019 12:00

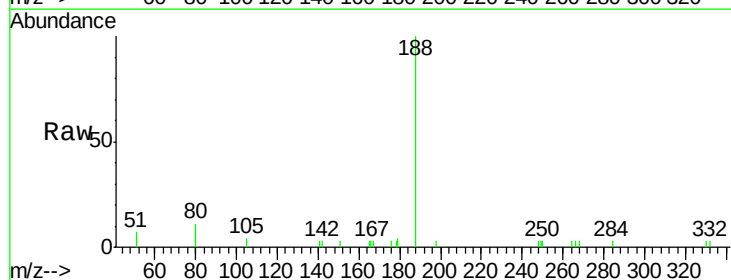
Tgt Ion:188 Resp: 5210

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

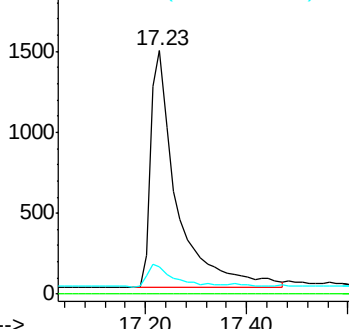
80 11.2 6.3 9.5#



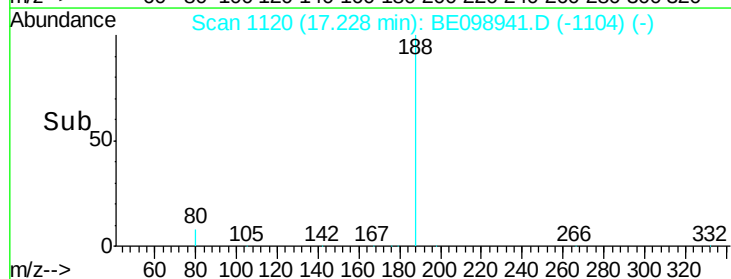
Abundance Ion 188.00 (187.70 to 188.70): E

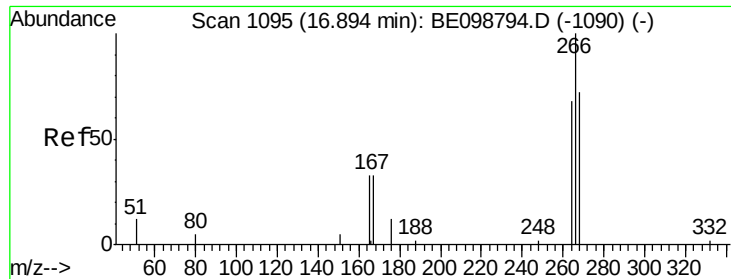
Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



Time-->





#22

Pentachlorophenol

Concen: 0.273 ng

RT: 16.96 min Scan# 1100

Delta R.T. 0.07 min

Lab File: BE098941.D

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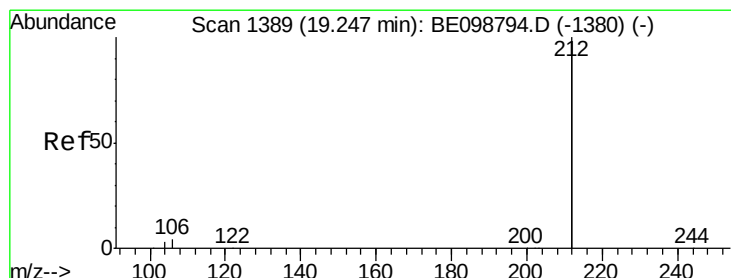
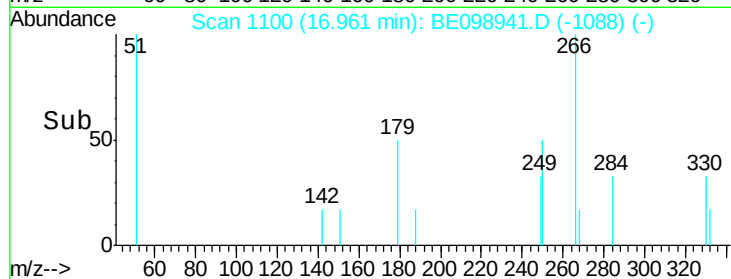
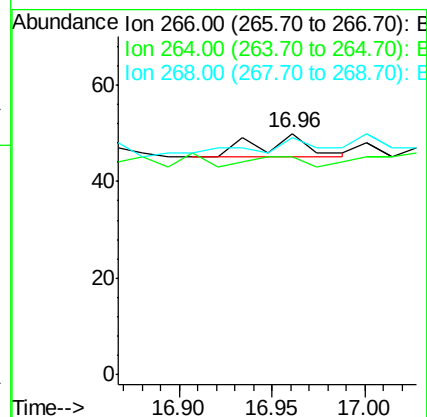
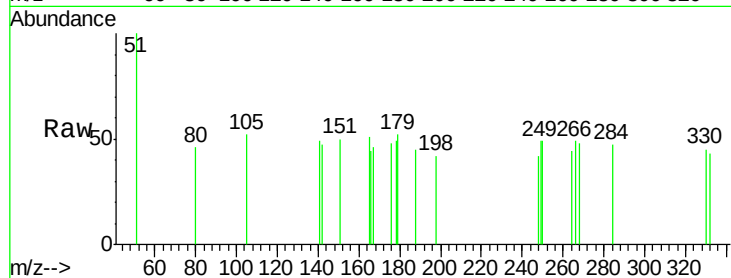
Tgt Ion: 266 Resp: 10

Ion Ratio Lower Upper

266 100

264 90.0 66.6 100.0

268 98.0 69.8 104.8



#25

Fluoranthene-d10

Concen: 0.061 ng

RT: 19.26 min Scan# 1392

Delta R.T. 0.02 min

Lab File: BE098941.D

Acq: 14 Mar 2019 12:00

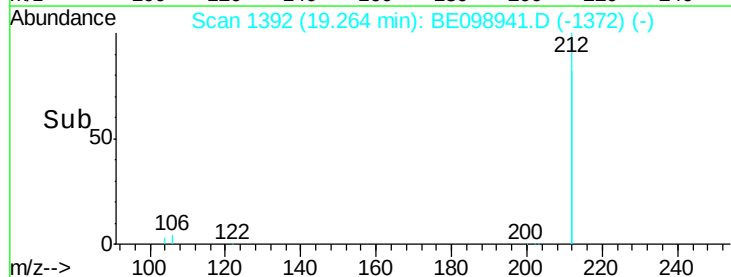
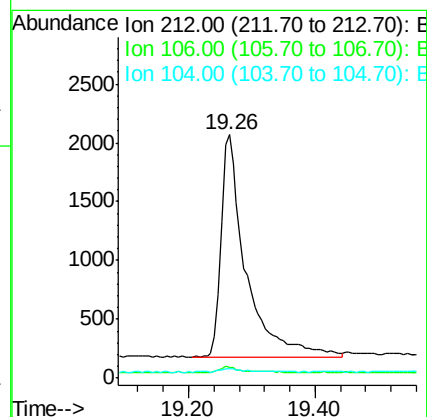
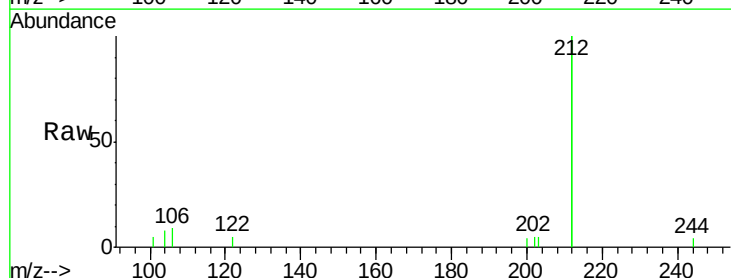
Tgt Ion: 212 Resp: 5105

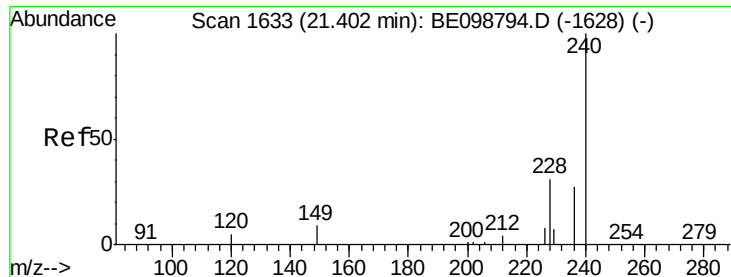
Ion Ratio Lower Upper

212 100

106 2.6 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: BE098941.D

Acq: 14 Mar 2019 12:00

Instrument :

BNA_E

ClientSampleId :

RE120D2-20190311DL

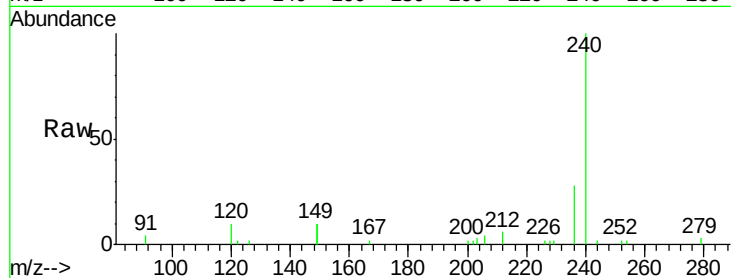
Tgt Ion:240 Resp: 6083

Ion Ratio Lower Upper

240 100

120 10.1 5.0 7.4#

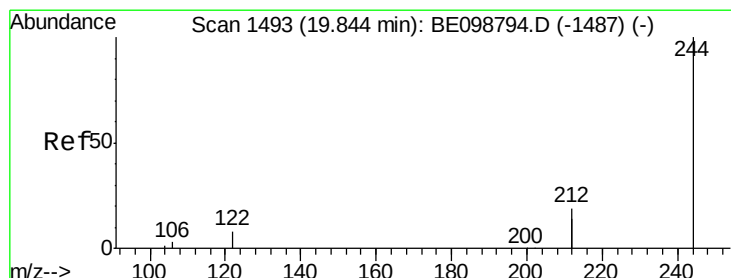
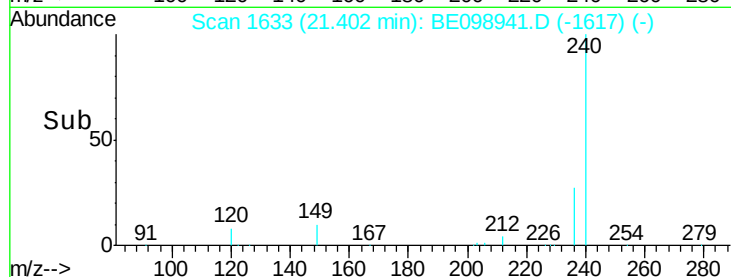
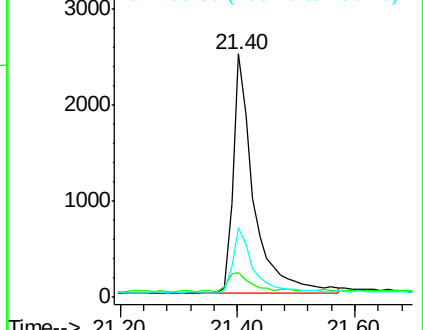
236 28.5 22.7 34.1



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: 0.104 ng

RT: 19.85 min Scan# 1494

Delta R.T. 0.01 min

Lab File: BE098941.D

Acq: 14 Mar 2019 12:00

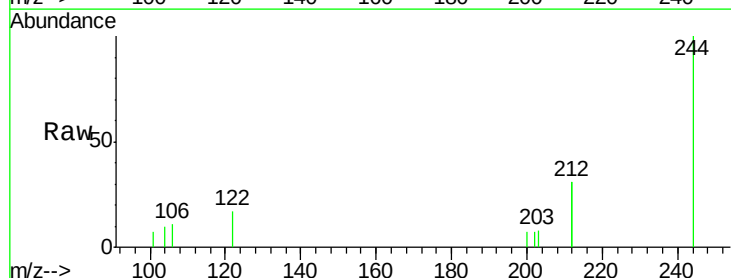
Tgt Ion:244 Resp: 1541

Ion Ratio Lower Upper

244 100

212 61.1 29.4 44.2#

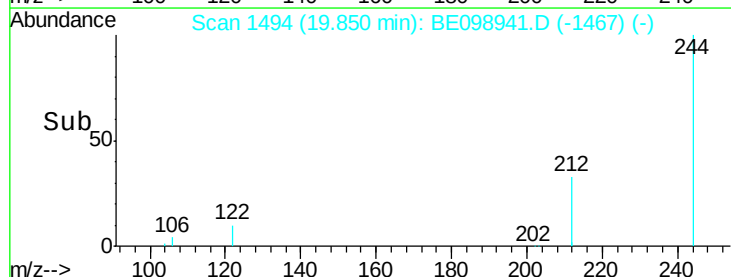
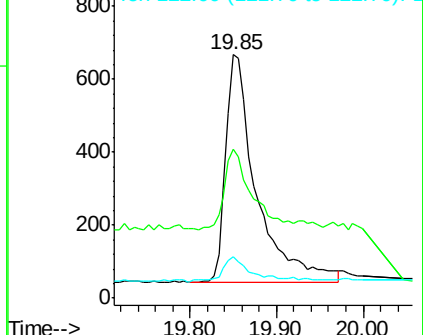
122 16.8 7.1 10.7#

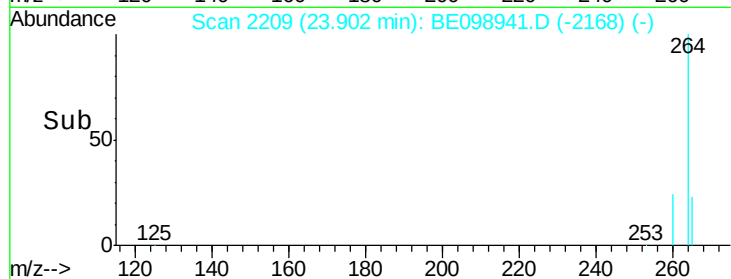
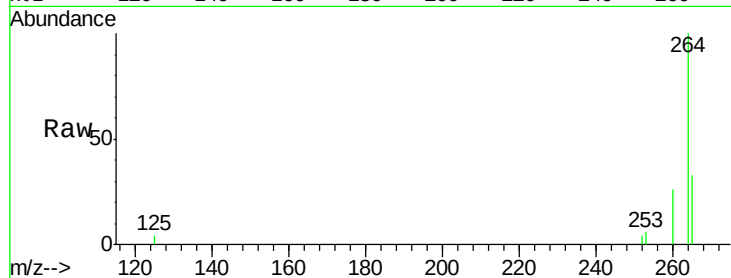
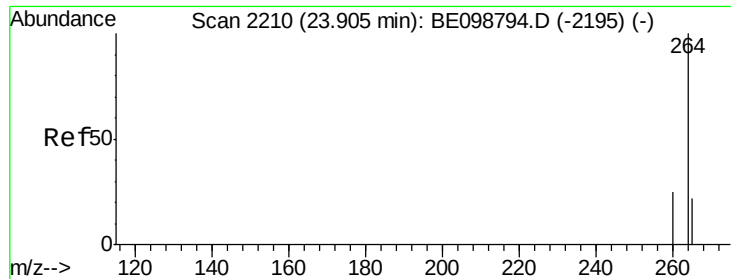


Abundance Ion 244.00 (243.70 to 244.70): E

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: BE098941.D

Acq: 14 Mar 2019 12:00

Instrument :

BNA_E

ClientSampleId :

RE120D2-20190311DL

Tgt Ion:264 Resp: 5222

Ion Ratio Lower Upper

264 100

260 26.5 21.2 31.8

265 32.7 24.6 36.8

