

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031319\
 Data File : BE098913.D
 Acq On : 13 Mar 2019 15:55
 Operator : JU/SJ
 Sample : K1841-09DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE103D1-20190308DL

Quant Time: Mar 14 06:55:43 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

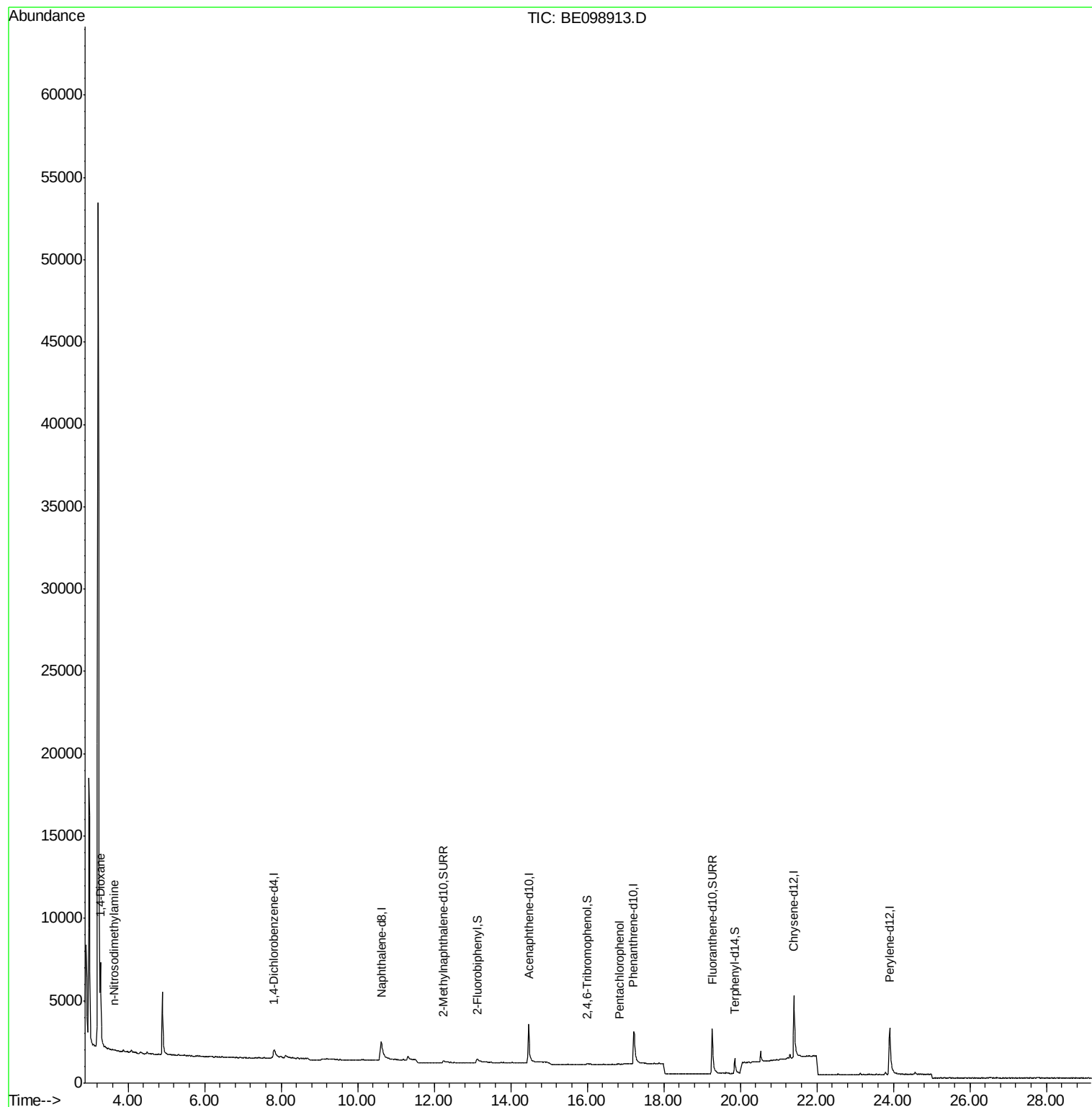
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	641	0.40	ng	0.01
7) Naphthalene-d8	10.61	136	3148	0.40	ng	0.02
13) Acenaphthene-d10	14.47	164	2516	0.40	ng	0.02
19) Phenanthrene-d10	17.21	188	6157	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6654	0.40	ng	0.00
34) Perylene-d12	23.90	264	6452	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.42	112	38	0.02	ng	0.04
5) Phenol-d6	7.01	99	2	0.00	ng	0.03
8) Nitrobenzene-d5	8.99	82	13	0.00	ng	0.02
11) 2-Methylnaphthalene-d10	12.24	152	436	0.07	ng	0.04
14) 2,4,6-Tribromophenol	16.00	330	61	0.05	ng	0.03
15) 2-Fluorobiphenyl	13.13	172	838	0.08	ng	0.04
25) Fluoranthene-d10	19.26	212	7259	0.07	ng	0.02
29) Terphenyl-d14	19.86	244	1529	0.09	ng	0.01
Target Compounds						
2) 1,4-Dioxane	3.28	88	2627	2.558	ng	96
3) n-Nitrosodimethylamine	3.63	42	46	0.029	ng	# 46
22) Pentachlorophenol	16.84	266	11	0.273	ng	86

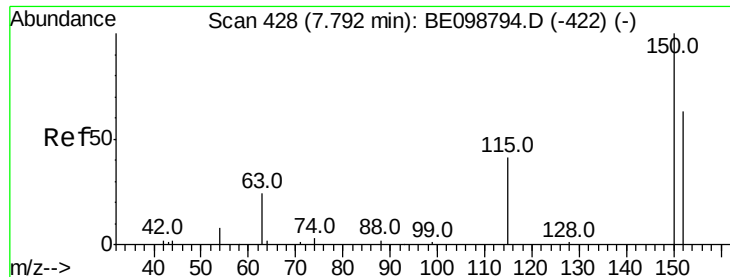
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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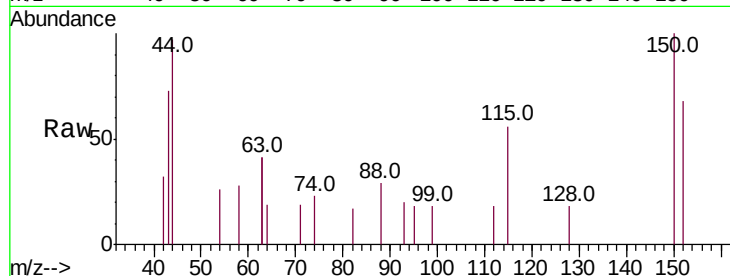


#1

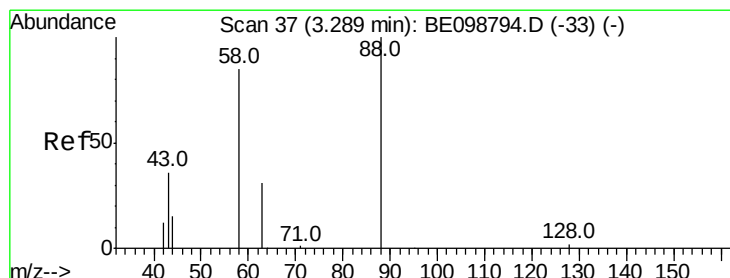
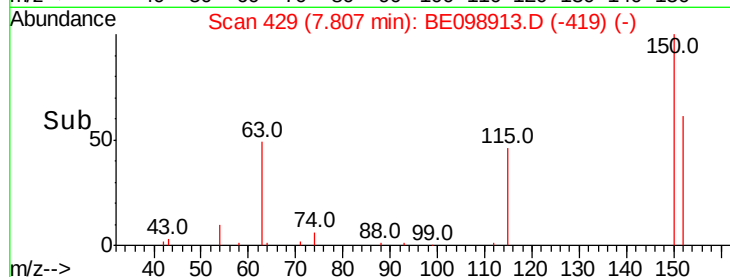
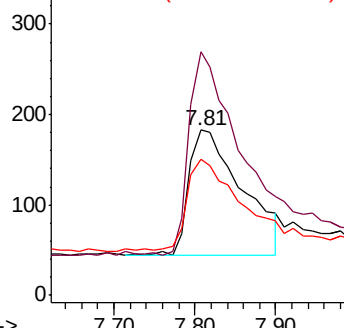
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. 0.01 min
Lab File: BE098913.D
Acq: 13 Mar 2019 15:55

Instrument :
BNA_E
ClientSampleId :
RE103D1-20190308DL

Tot Ion:152 Resp: 641
Ion Ratio Lower Upper
152 100
150 147.0 122.5 183.7
115 82.5 57.4 86.2



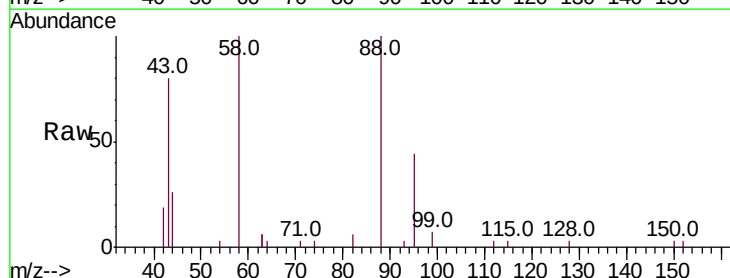
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



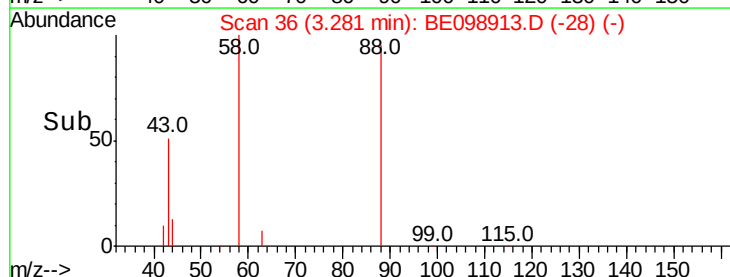
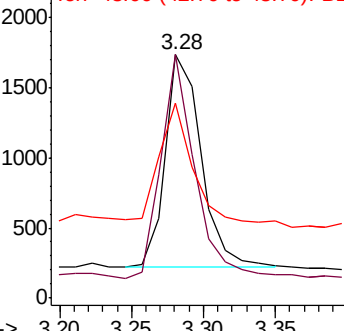
#2

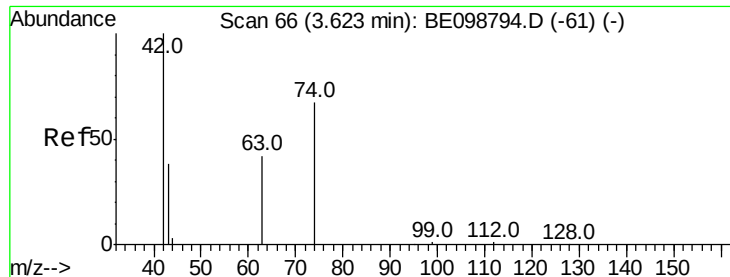
1,4-Dioxane
Concen: 2.558 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098913.D
Acq: 13 Mar 2019 15:55

Tgt Ion: 88 Resp: 2627
Ion Ratio Lower Upper
88 100
58 99.0 75.8 113.6
43 49.8 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: 0.029 ng

RT: 3.63 min Scan# 66

Delta R.T. 0.00 min

Lab File: BE098913.D

Acq: 13 Mar 2019 15:55

Instrument :

BNA_E

ClientSampleId :

RE103D1-20190308DL

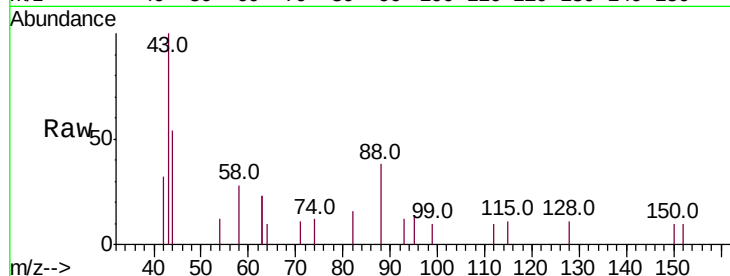
Tot Ion: 42 Resp: 46

Ion Ratio Lower Upper

42 100

74 26.1 57.0 85.4#

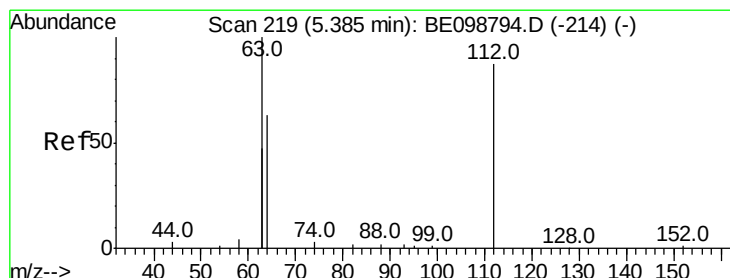
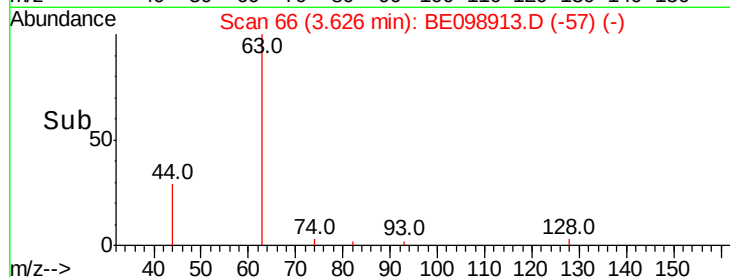
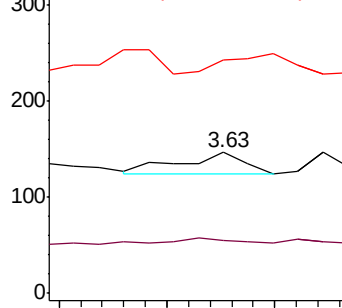
44 0.0 0.0 0.0



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: 0.020 ng

RT: 5.42 min Scan# 222

Delta R.T. 0.04 min

Lab File: BE098913.D

Acq: 13 Mar 2019 15:55

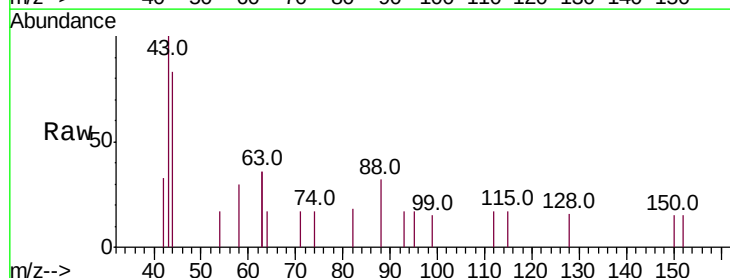
Tgt Ion: 112 Resp: 38

Ion Ratio Lower Upper

112 100

64 26.3 57.9 86.9#

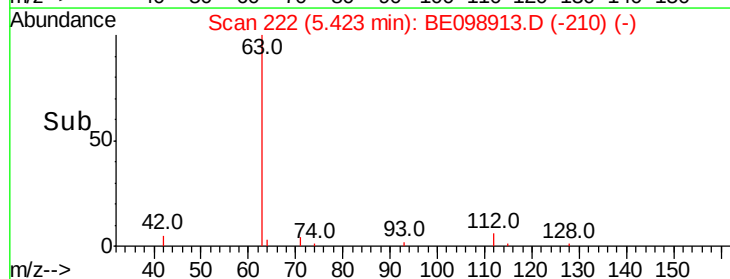
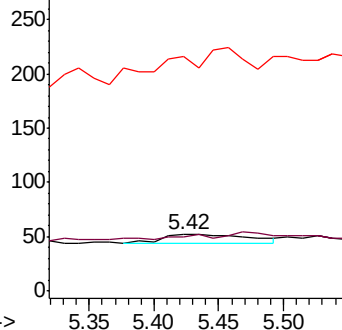
63 0.0 158.3 237.5#

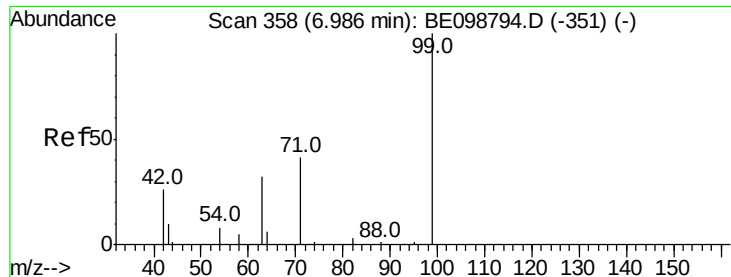


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.001 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.03 min

Lab File: BE098913.D

Acq: 13 Mar 2019 15:55

Instrument :

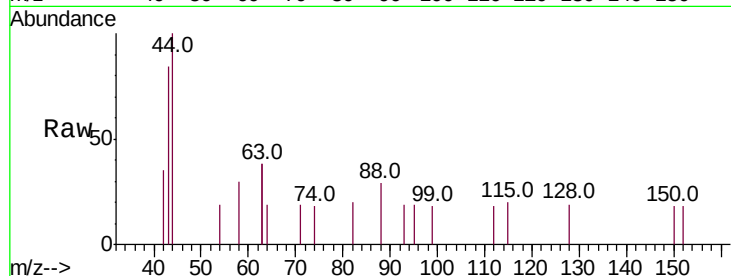
BNA_E

ClientSampleId :

RE103D1-20190308DL

Tot Ion: 99 Resp: 2

Ion	Ratio	Lower	Upper
99	100		
42	850.0	24.2	36.2#
71	300.0	35.7	53.5#

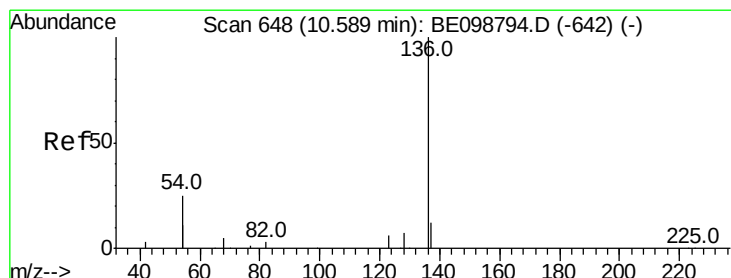
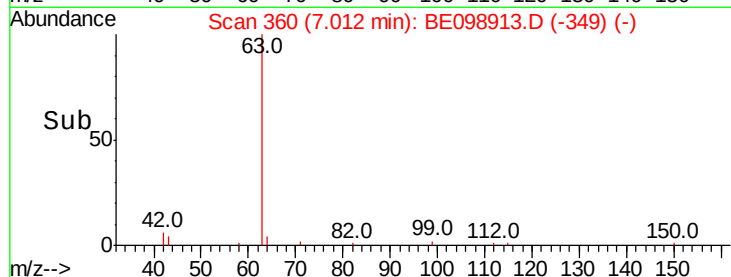
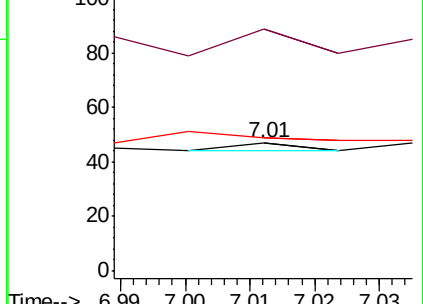


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

7.01



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. 0.02 min

Lab File: BE098913.D

Acq: 13 Mar 2019 15:55

Tgt Ion: 136 Resp: 3148

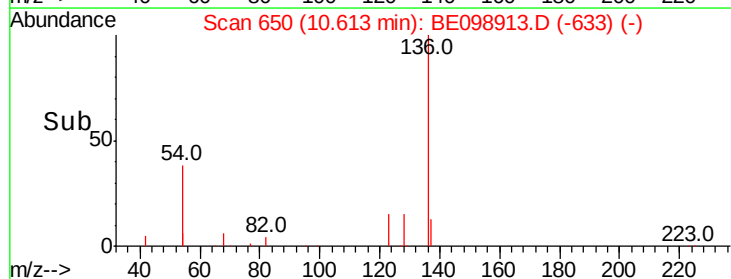
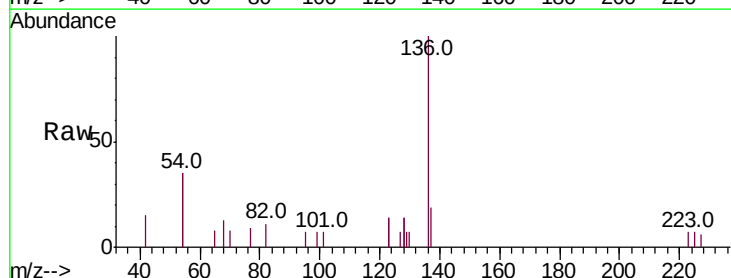
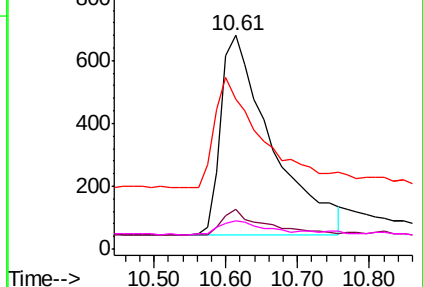
Ion	Ratio	Lower	Upper
136	100		
137	18.5	11.4	17.0#
54	70.3	39.3	58.9#
68	13.1	6.7	10.1#

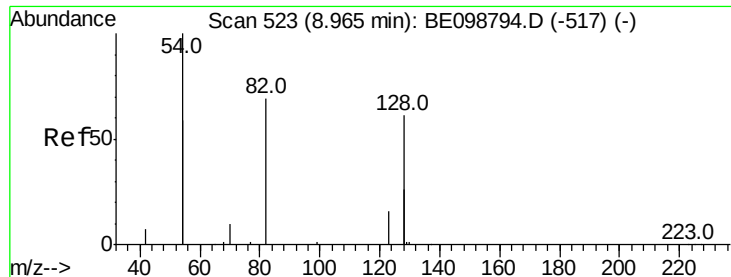
Abundance Ion 136.00 (135.70 to 136.70): E

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: 8.99 min Scan# 525

Delta R.T. 0.02 min

Lab File: BE098913.D

Acq: 13 Mar 2019 15:55

Instrument :

BNA_E

ClientSampleId :

RE103D1-20190308DL

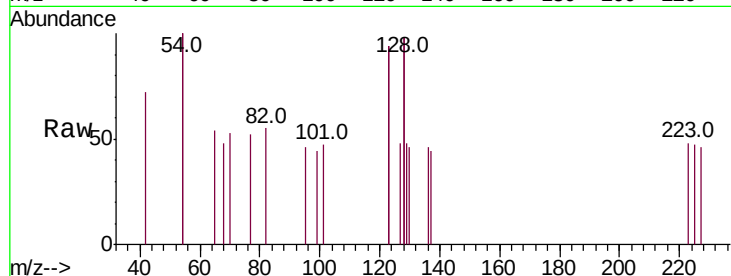
Tot Ion: 82 Resp: 13

Ion Ratio Lower Upper

82 100

128 359.3 123.8 185.8#

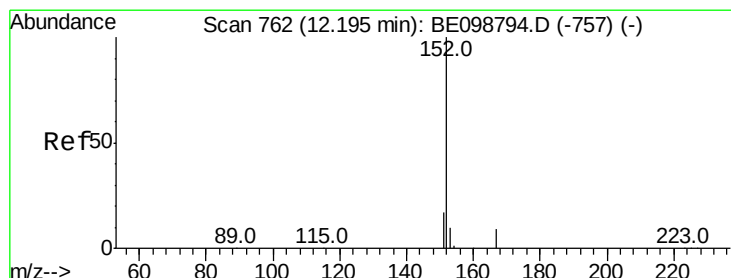
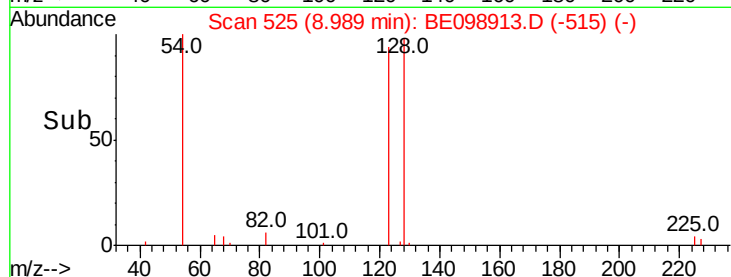
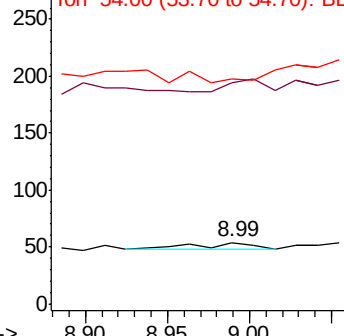
54 366.7 203.4 305.2#



Abundance Ion 82.00 (81.70 to 82.70): BE098794.D (-517) (-)

Ion 128.00 (127.70 to 128.70): BE098794.D (-517) (-)

Ion 54.00 (53.70 to 54.70): BE098794.D (-517) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.075 ng

RT: 12.24 min Scan# 765

Delta R.T. 0.04 min

Lab File: BE098913.D

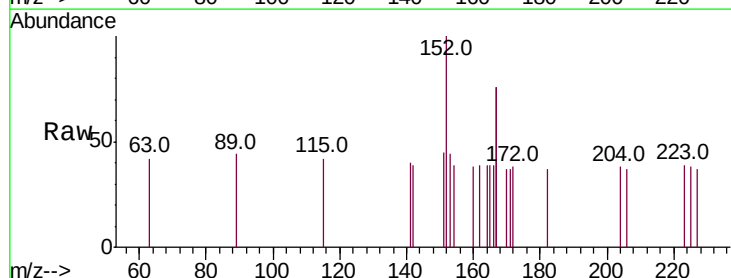
Acq: 13 Mar 2019 15:55

Tgt Ion: 152 Resp: 436

Ion Ratio Lower Upper

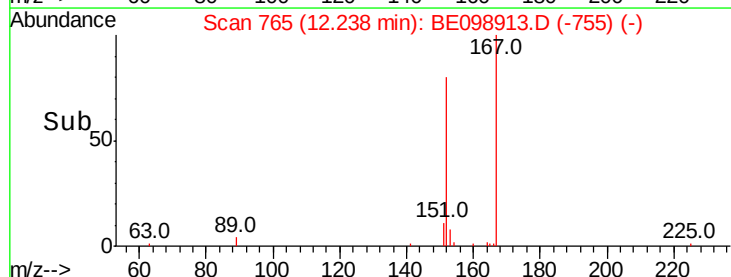
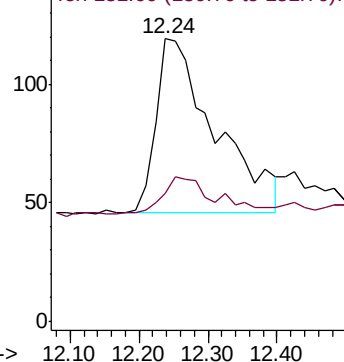
152 100

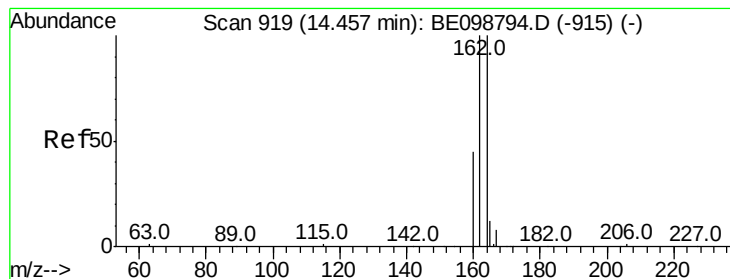
151 14.9 16.5 24.7#



Abundance Ion 152.00 (151.70 to 152.70): BE098794.D (-757) (-)

Ion 151.00 (150.70 to 151.70): BE098794.D (-757) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. 0.02 min

Lab File: BE098913.D

Acq: 13 Mar 2019 15:55

Instrument :

BNA_E

ClientSampleId :

RE103D1-20190308DL

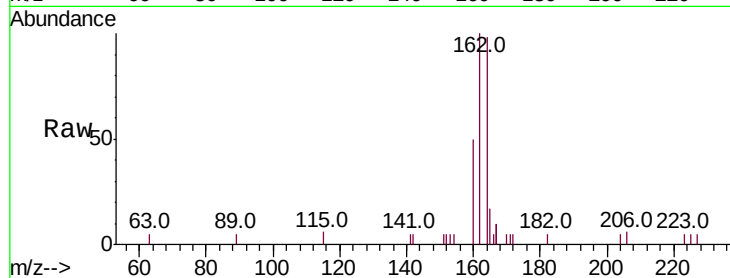
Tot Ion:164 Resp: 2516

Ion Ratio Lower Upper

164 100

162 101.7 80.2 120.2

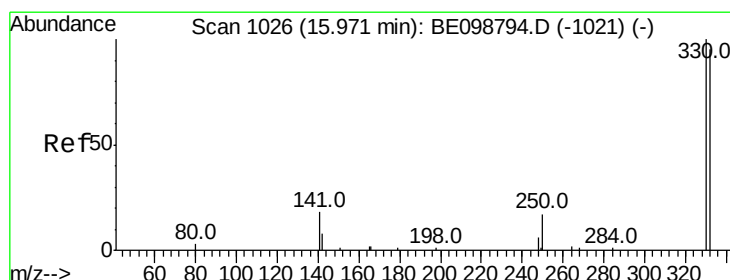
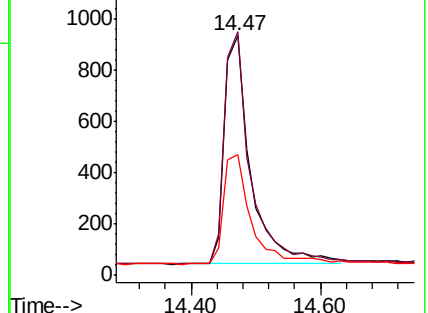
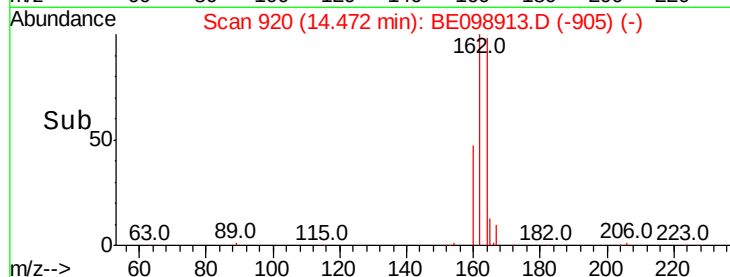
160 50.6 37.8 56.8



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: 0.048 ng

RT: 16.00 min Scan# 1028

Delta R.T. 0.03 min

Lab File: BE098913.D

Acq: 13 Mar 2019 15:55

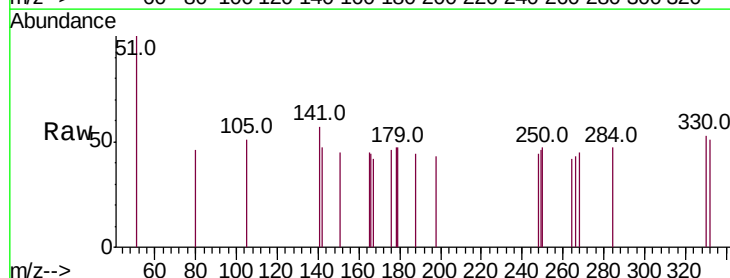
Tgt Ion:330 Resp: 61

Ion Ratio Lower Upper

330 100

332 67.2 77.6 116.4#

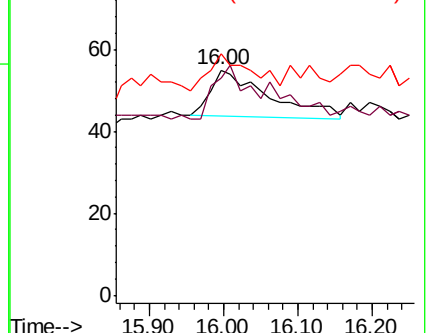
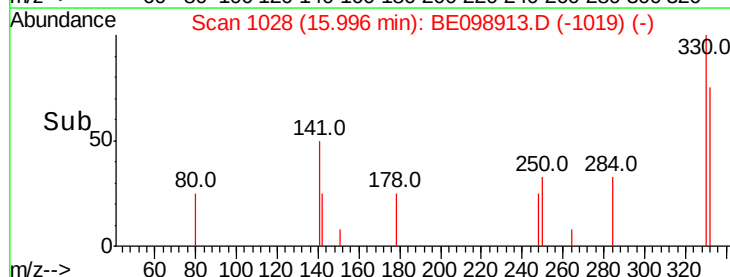
141 57.4 31.0 46.4#

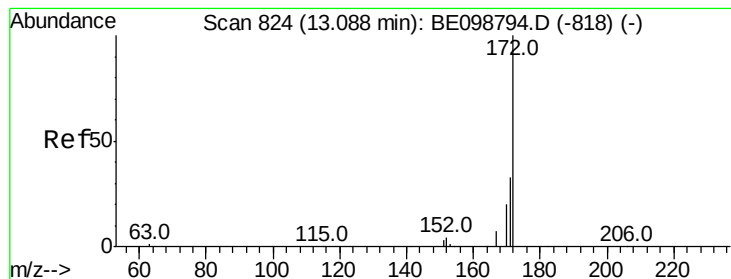


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.080 ng

RT: 13.13 min Scan# 827

Delta R.T. 0.04 min

Lab File: BE098913.D

Acq: 13 Mar 2019 15:55

Instrument :

BNA_E

ClientSampleId :

RE103D1-20190308DL

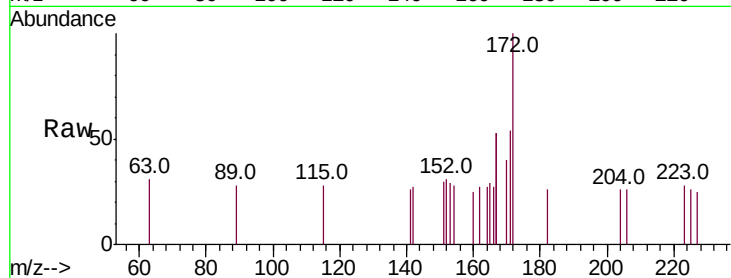
Tot Ion:172 Resp: 838

Ion Ratio Lower Upper

172 100

171 53.8 28.0 42.0#

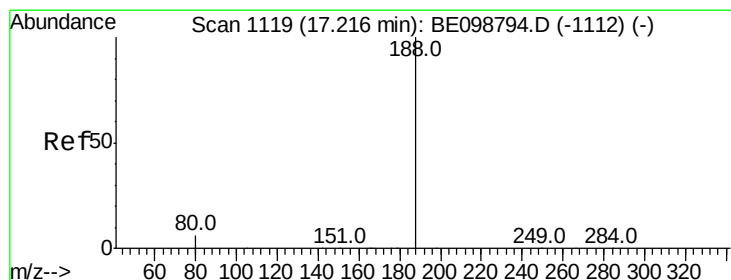
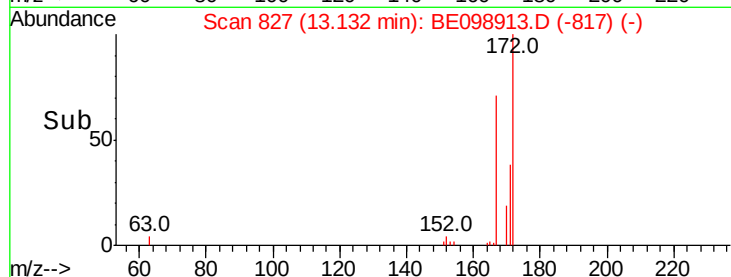
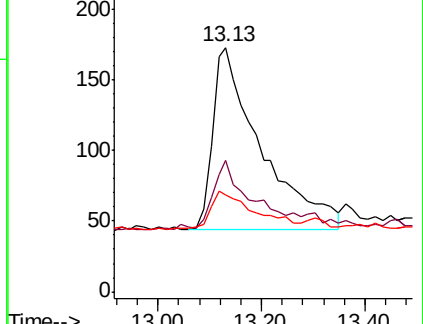
170 39.9 17.7 26.5#



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: BE098913.D

Acq: 13 Mar 2019 15:55

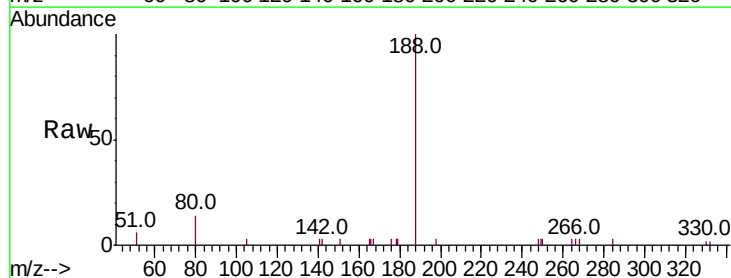
Tgt Ion:188 Resp: 6157

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

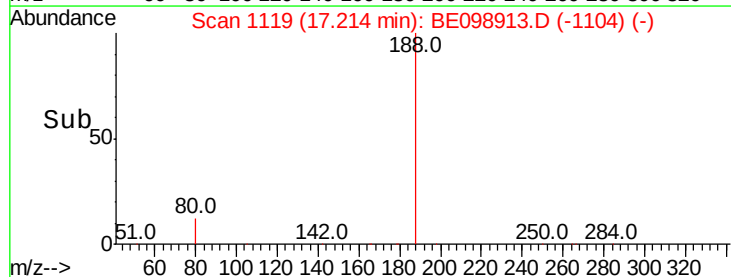
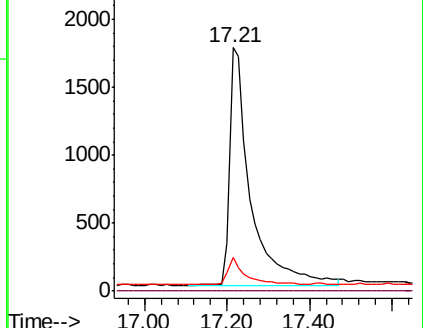
80 14.0 6.3 9.5#

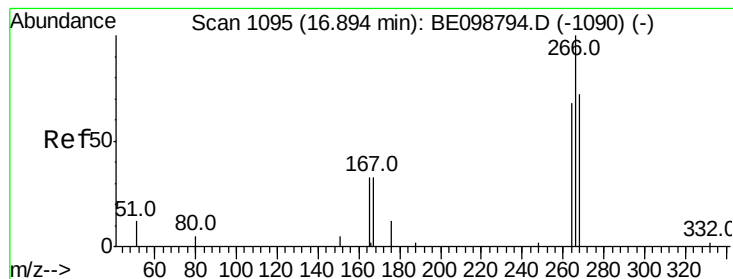


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#22

Pentachlorophenol

Concen: 0.273 ng

RT: 16.84 min Scan# 1091

Delta R.T. -0.05 min

Lab File: BE098913.D

Acq: 13 Mar 2019 15:55

Instrument :

BNA_E

ClientSampleId :

RE103D1-20190308DL

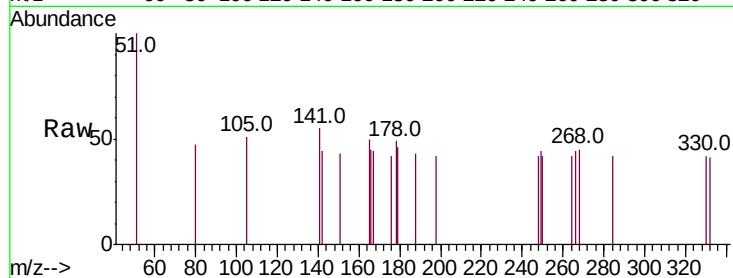
Tot Ion:266 Resp: 11

Ion Ratio Lower Upper

266 100

264 93.6 66.6 100.0

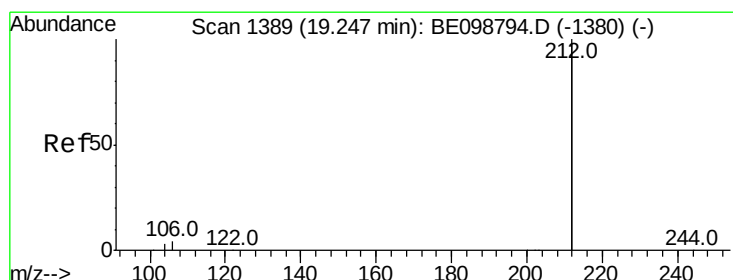
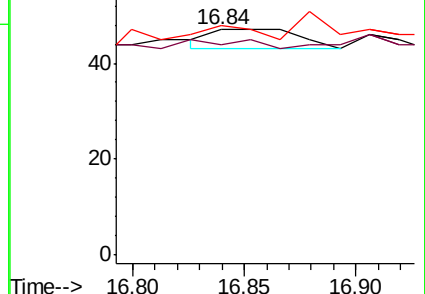
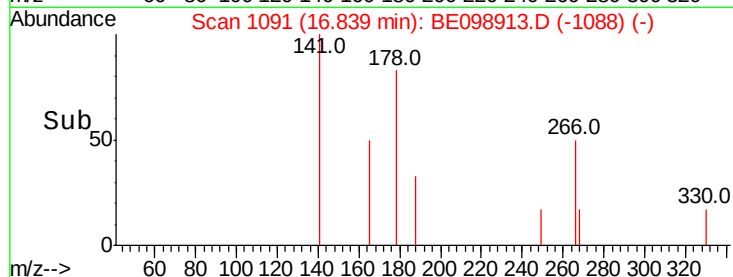
268 102.1 69.8 104.8



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: 0.074 ng

RT: 19.26 min Scan# 1392

Delta R.T. 0.02 min

Lab File: BE098913.D

Acq: 13 Mar 2019 15:55

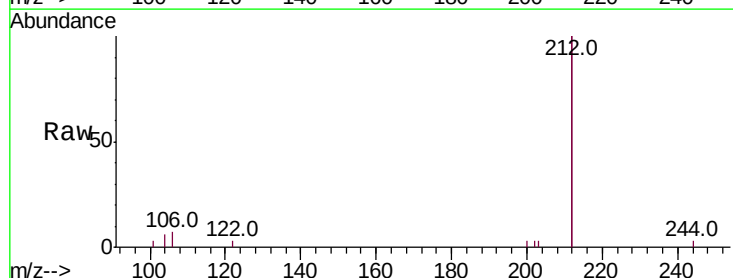
Tgt Ion:212 Resp: 7259

Ion Ratio Lower Upper

212 100

106 2.1 1.8 2.8

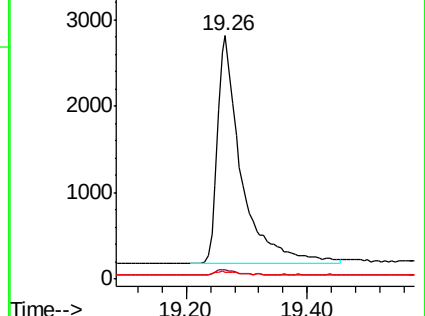
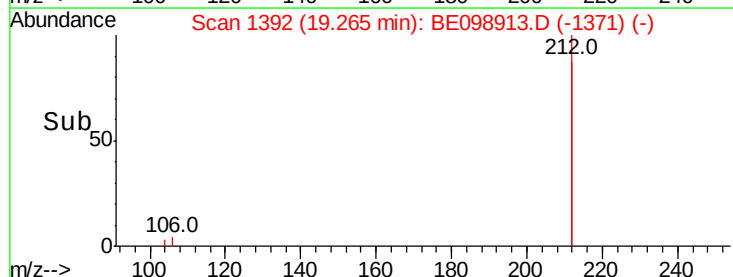
104 1.3 1.0 1.6

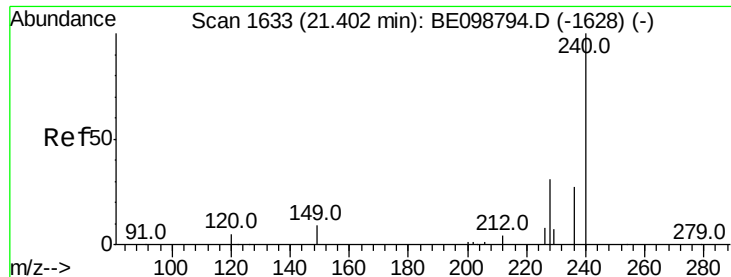


Abundance Ion 212.00 (211.70 to 212.70): E

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: BE098913.D

Acq: 13 Mar 2019 15:55

Instrument :

BNA_E

ClientSampleId :

RE103D1-20190308DL

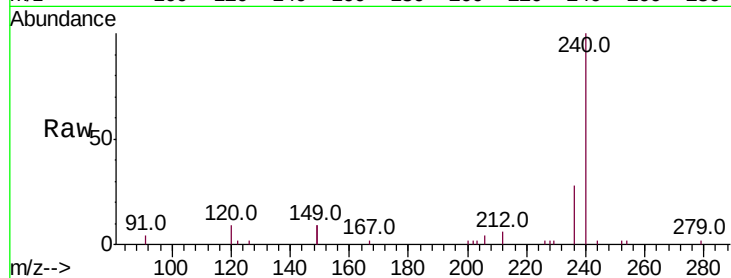
Tot Ion:240 Resp: 6654

Ion Ratio Lower Upper

240 100

120 9.5 5.0 7.4#

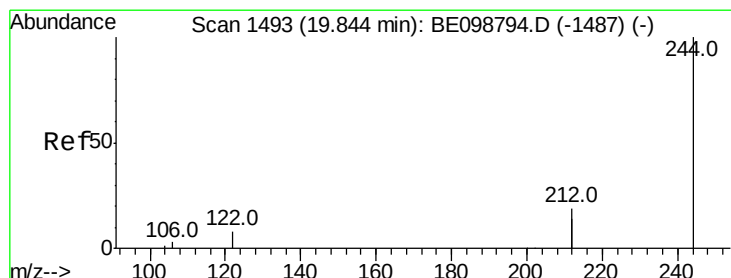
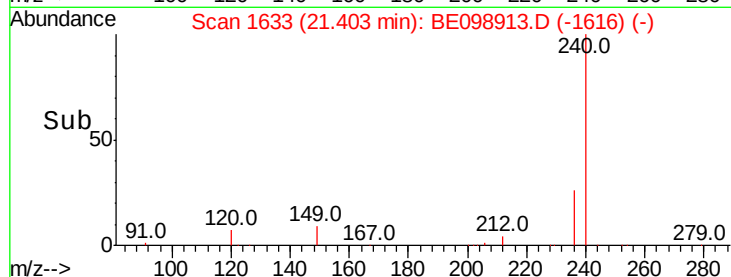
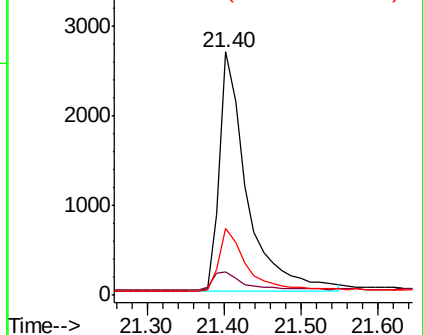
236 27.5 22.7 34.1



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: 0.095 ng

RT: 19.86 min Scan# 1495

Delta R.T. 0.01 min

Lab File: BE098913.D

Acq: 13 Mar 2019 15:55

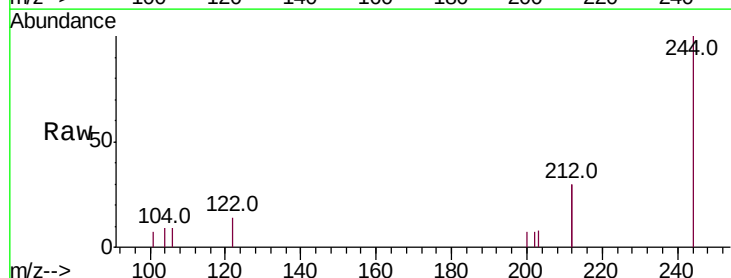
Tgt Ion:244 Resp: 1529

Ion Ratio Lower Upper

244 100

212 59.1 29.4 44.2#

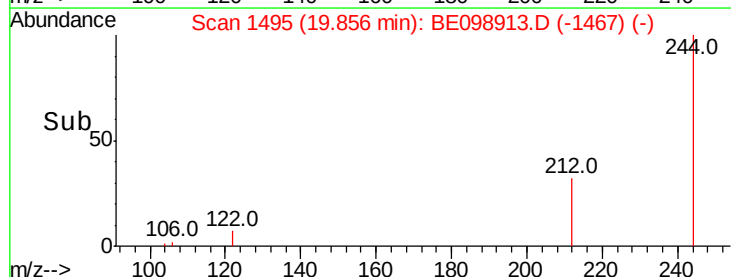
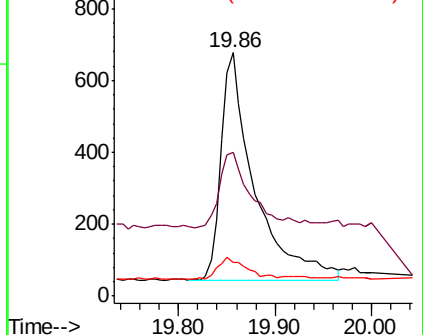
122 13.9 7.1 10.7#

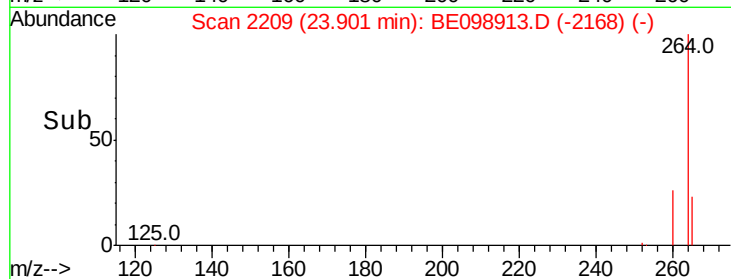
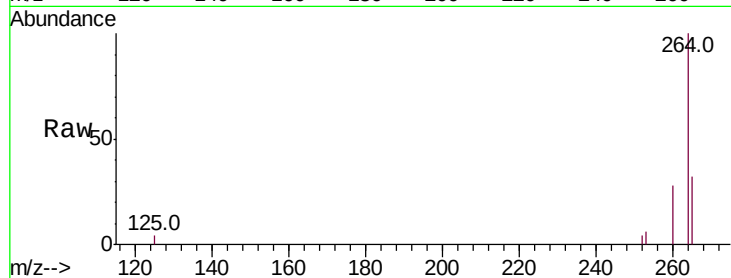
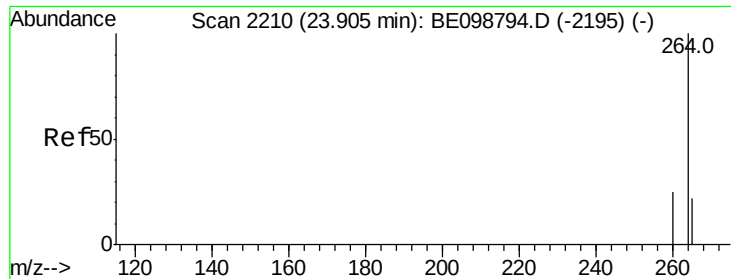


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.90 min Scan# 2209

Delta R.T. -0.00 min

Lab File: BE098913.D

Acq: 13 Mar 2019 15:55

Instrument :

BNA_E

ClientSampleId :

RE103D1-20190308DL

Tot Ion:264 Resp: 6452

Ion Ratio Lower Upper

264 100

260 27.7 21.2 31.8

265 31.6 24.6 36.8

