

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031319\
 Data File : BE098914.D
 Acq On : 13 Mar 2019 16:34
 Operator : JU/SJ
 Sample : K1856-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 14 06:55:50 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

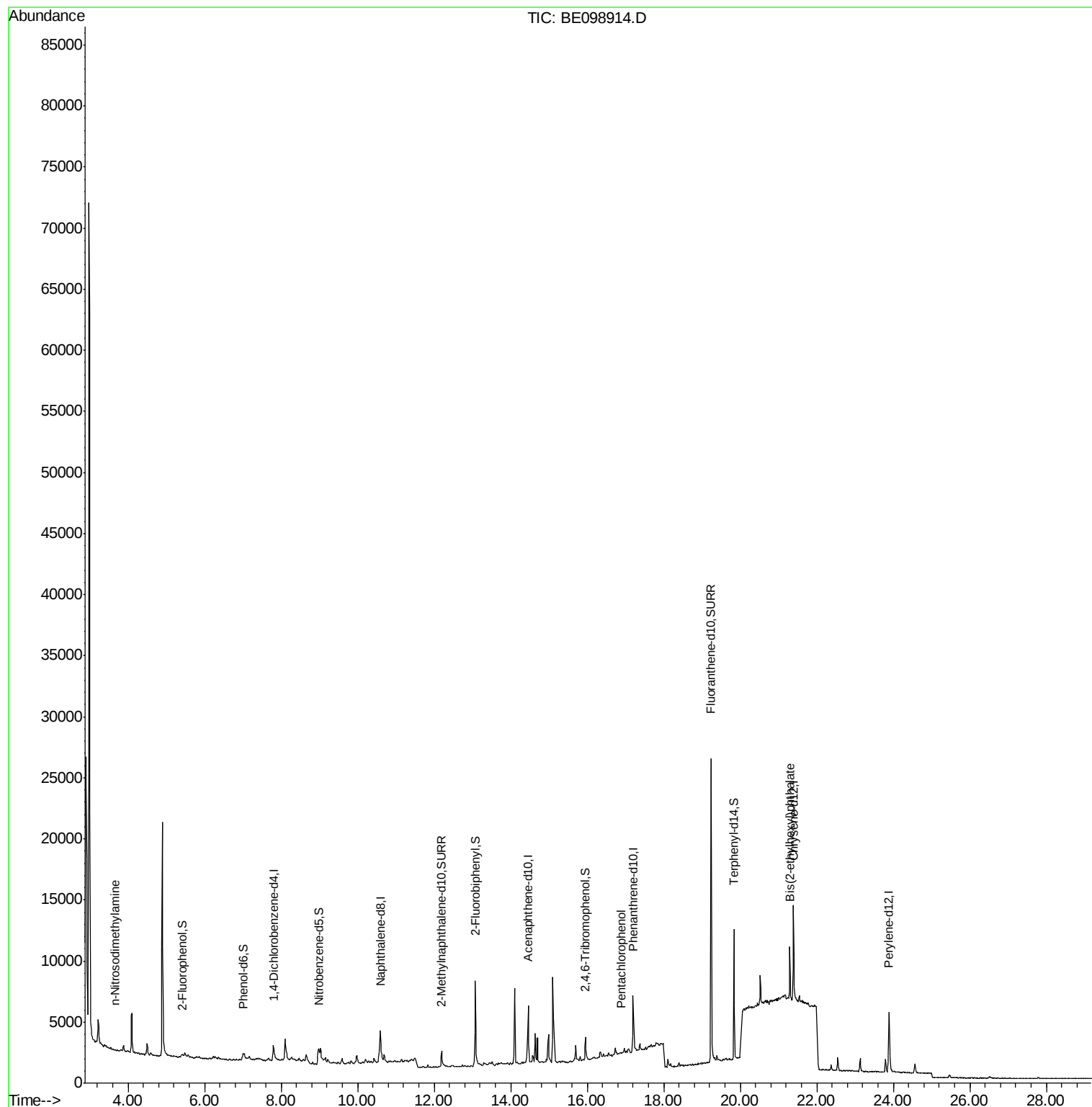
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	904	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	4070	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	3145	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	7044	0.40	ng	-0.01
27) Chrysene-d12	21.39	240	8452	0.40	ng	-0.01
34) Perylene-d12	23.89	264	8093	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	327	0.12	ng	0.02
5) Phenol-d6	7.00	99	291	0.08	ng	0.01
8) Nitrobenzene-d5	8.99	82	1405	0.33	ng	0.03
11) 2-Methylnaphthalene-d10	12.19	152	2521	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	692	0.44	ng	-0.01
15) 2-Fluorobiphenyl	13.07	172	7906	0.61	ng	-0.01
25) Fluoranthene-d10	19.24	212	35243	0.31	ng	0.00
29) Terphenyl-d14	19.83	244	9798	0.48	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.29	88	104	Below Cal	#	1
3) n-Nitrosodimethylamine	3.65	42	52	0.023 ng	#	14
22) Pentachlorophenol	16.88	266	108	0.334 ng		96
32) Bis(2-ethylhexyl)phthalate	21.29	149	4786	0.085 ng	#	84

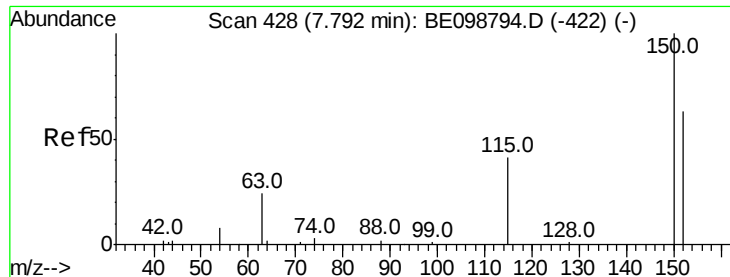
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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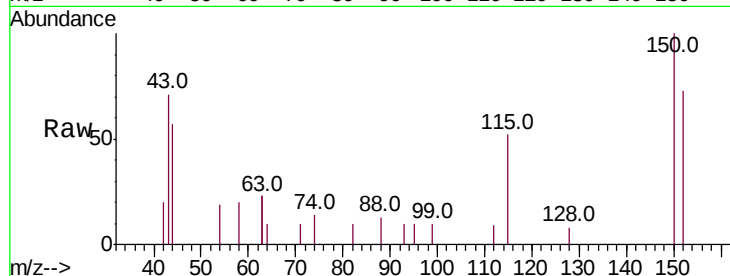


#1

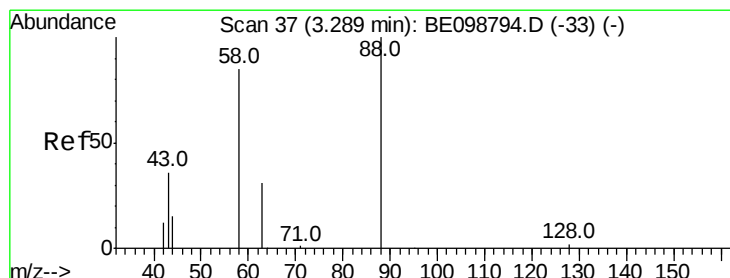
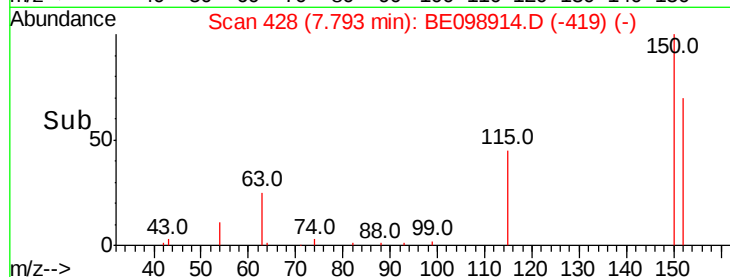
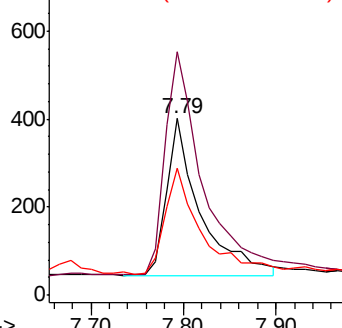
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098914.D
Acq: 13 Mar 2019 16:34

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 904
Ion Ratio Lower Upper
152 100
150 137.9 122.5 183.7
115 71.8 57.4 86.2



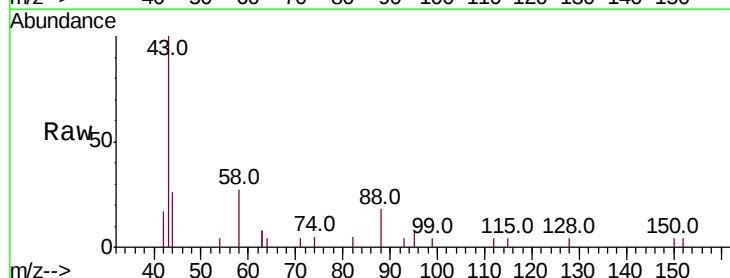
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



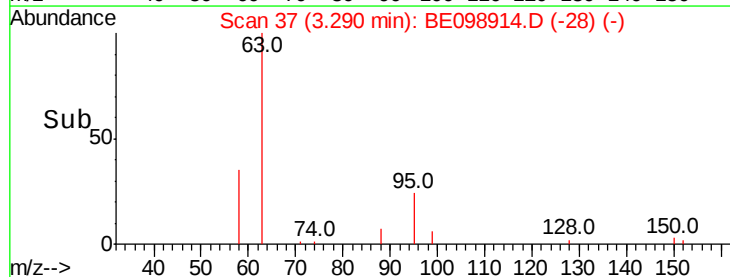
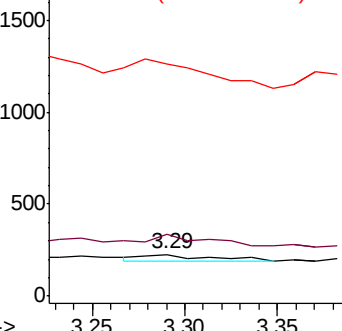
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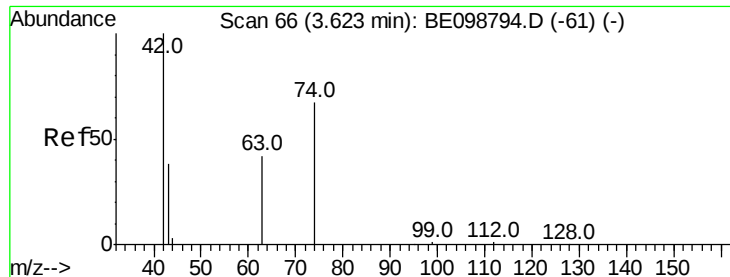
1,4-Dioxane
Concen: Below Cal
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098914.D
Acq: 13 Mar 2019 16:34

Tgt Ion: 88 Resp: 104
Ion Ratio Lower Upper
88 100
58 94.2 75.8 113.6
43 445.2 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



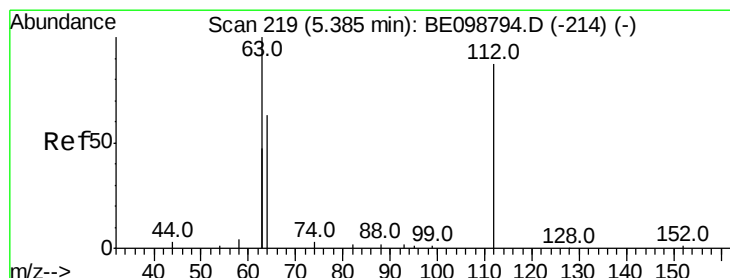
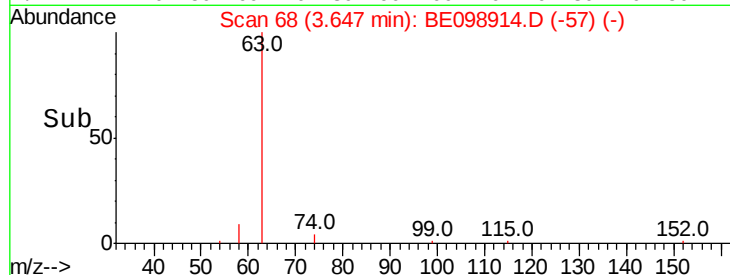
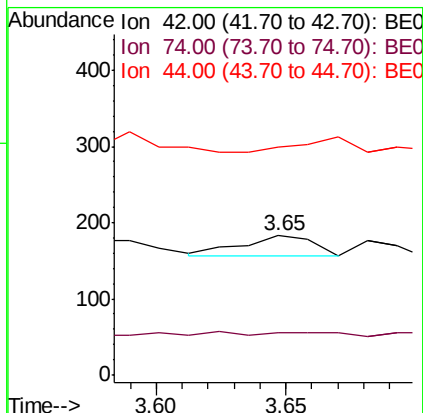
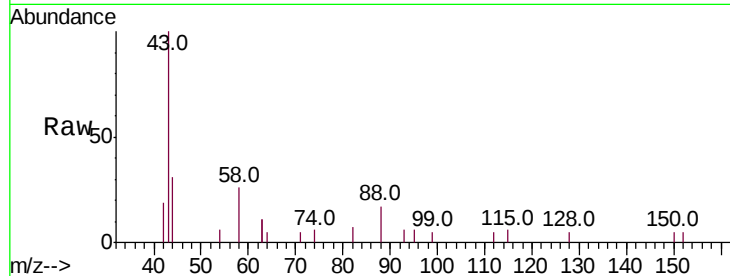


#3

n-Nitrosodimethylamine
 Concen: 0.023 ng
 RT: 3.65 min Scan# 68
 Delta R.T. 0.02 min
 Lab File: BE098914.D
 Acq: 13 Mar 2019 16:34

Instrument :
 BNA_E
 ClientSampleId :

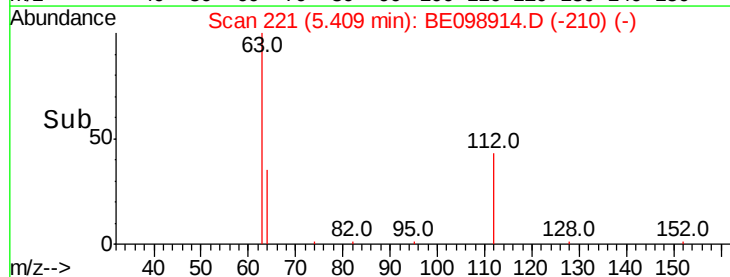
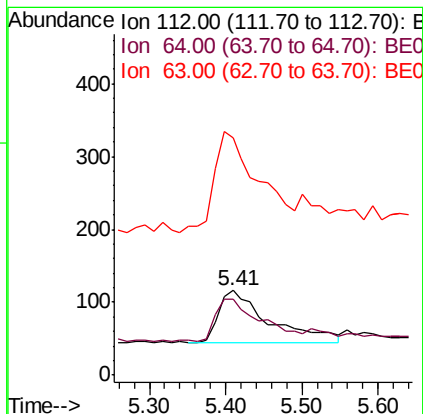
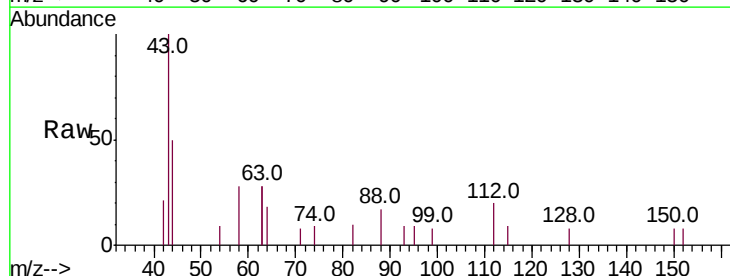
Tot Ion: 42 Resp: 52
 Ion Ratio Lower Upper
 42 100
 74 0.0 57.0 85.4#
 44 0.0 0.0 0.0

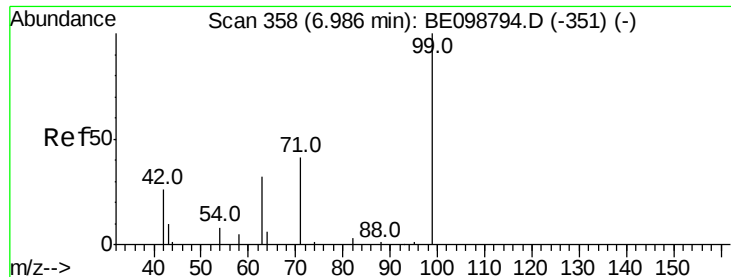


#4

2-Fluorophenol
 Concen: 0.121 ng
 RT: 5.41 min Scan# 221
 Delta R.T. 0.02 min
 Lab File: BE098914.D
 Acq: 13 Mar 2019 16:34

Tgt Ion: 112 Resp: 327
 Ion Ratio Lower Upper
 112 100
 64 74.6 57.9 86.9
 63 174.9 158.3 237.5





#5

Phenol-d6

Concen: 0.076 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.01 min

Lab File: BE098914.D

Acq: 13 Mar 2019 16:34

Instrument :

BNA_E

ClientSampleId :

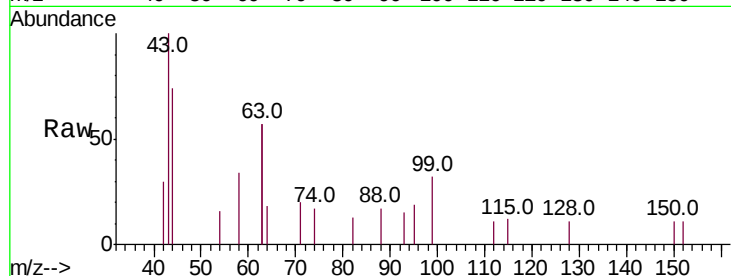
Tot Ion: 99 Resp: 291

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

7.00

150

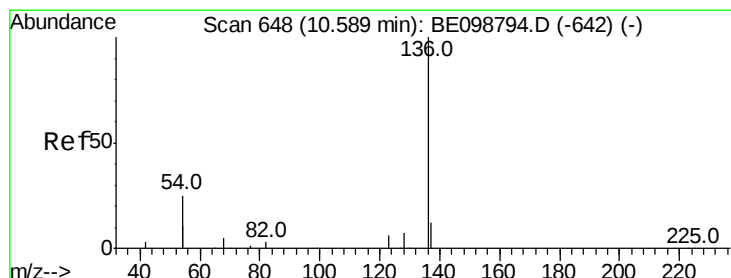
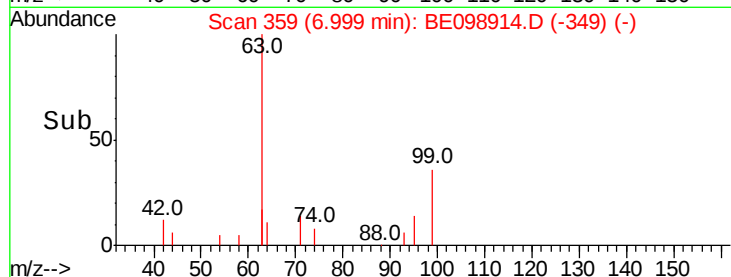
100

50

0

6.90 7.00 7.10

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE098914.D

Acq: 13 Mar 2019 16:34

Tgt Ion: 136 Resp: 4070

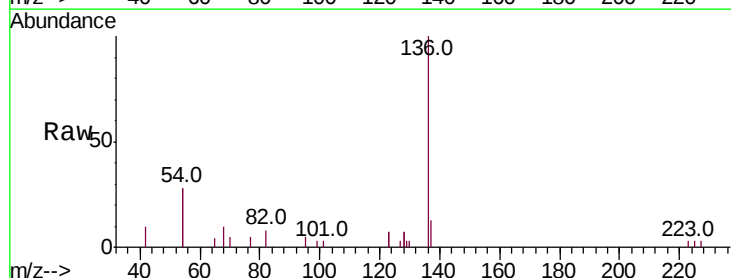
Ion Ratio Lower Upper

136 100

137 13.4 11.4 17.0

54 55.9 39.3 58.9

68 10.1 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

10.59

2500

2000

1500

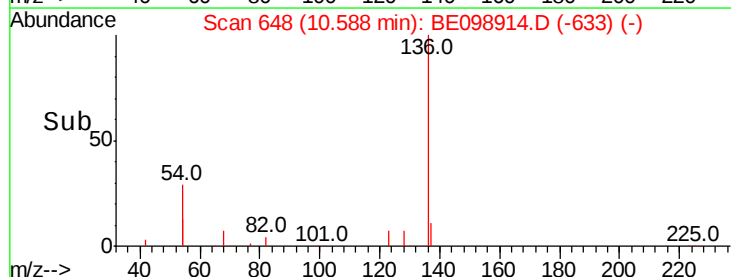
1000

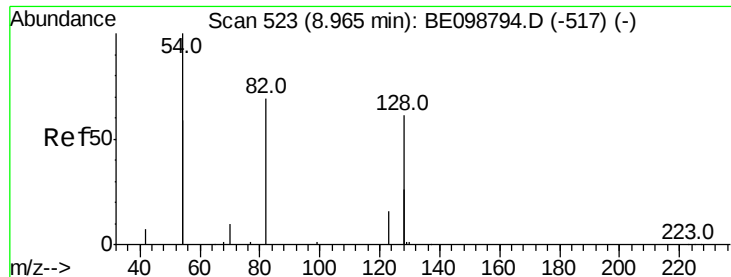
500

0

10.40 10.60 10.80

Time-->





#8

Nitrobenzene-d5

Concen: 0.329 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.03 min

Lab File: BE098914.D

Acq: 13 Mar 2019 16:34

Instrument :

BNA_E

ClientSampleId :

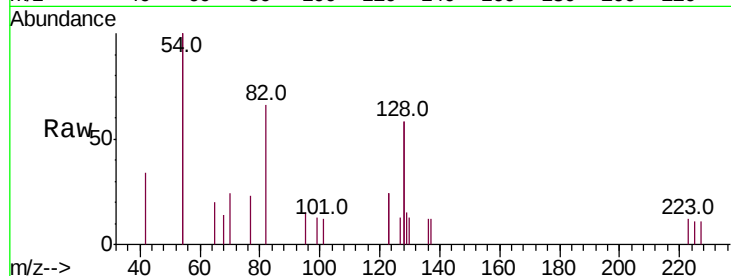
Tot Ion: 82 Resp: 1405

Ion Ratio Lower Upper

82 100

128 174.2 123.8 185.8

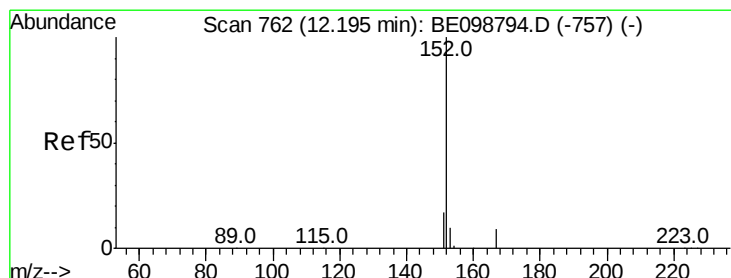
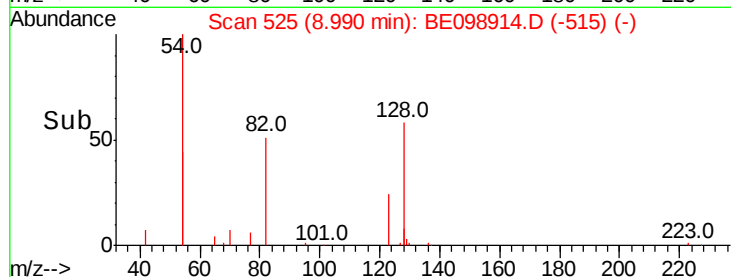
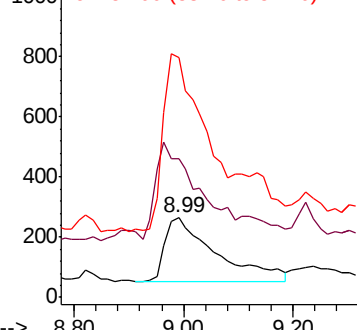
54 301.5 203.4 305.2



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: 0.335 ng

RT: 12.19 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE098914.D

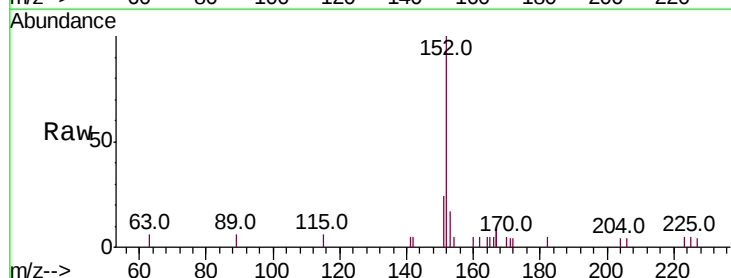
Acq: 13 Mar 2019 16:34

Tgt Ion: 152 Resp: 2521

Ion Ratio Lower Upper

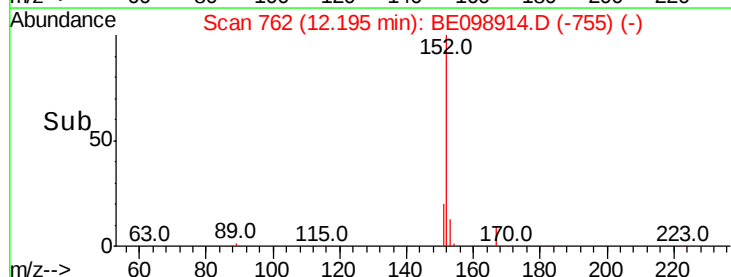
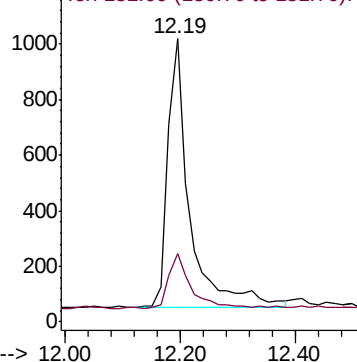
152 100

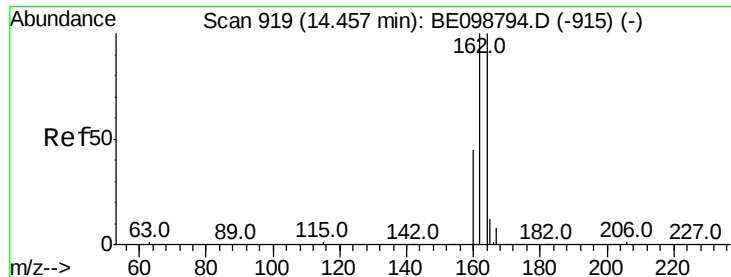
151 22.5 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.00 min

Lab File: BE098914.D

Acq: 13 Mar 2019 16:34

Instrument :

BNA_E

ClientSampleId :

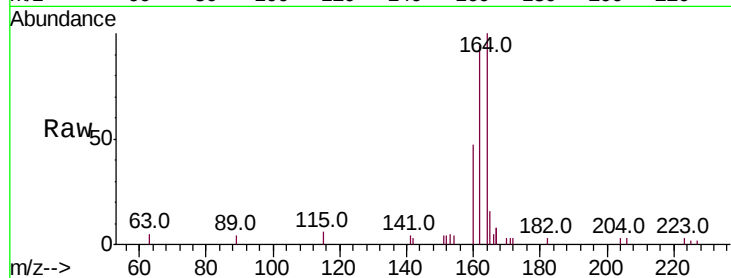
Tot Ion:164 Resp: 3145

Ion Ratio Lower Upper

164 100

162 93.7 80.2 120.2

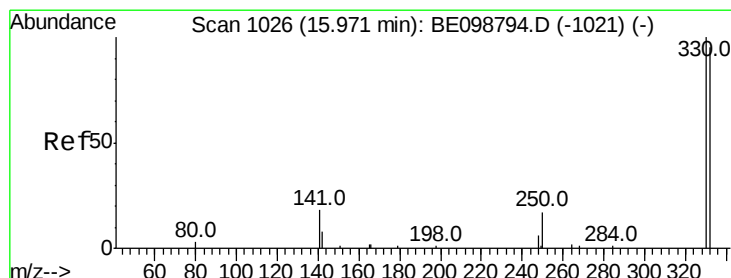
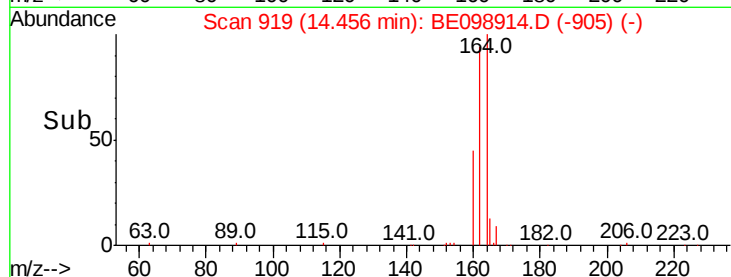
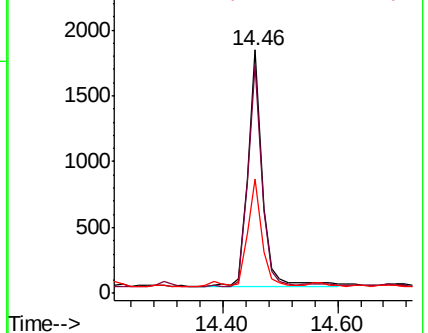
160 46.9 37.8 56.8



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: 0.436 ng

RT: 15.96 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BE098914.D

Acq: 13 Mar 2019 16:34

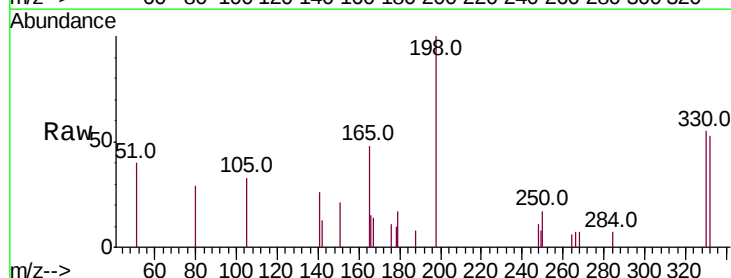
Tgt Ion:330 Resp: 692

Ion Ratio Lower Upper

330 100

332 94.8 77.6 116.4

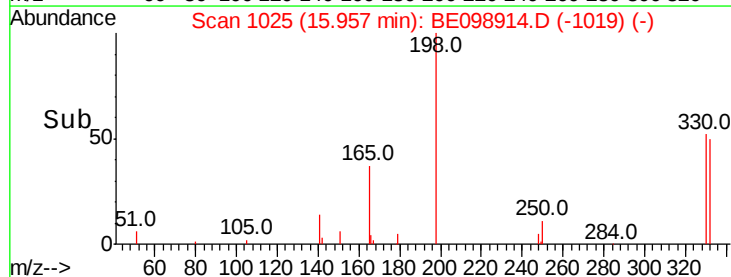
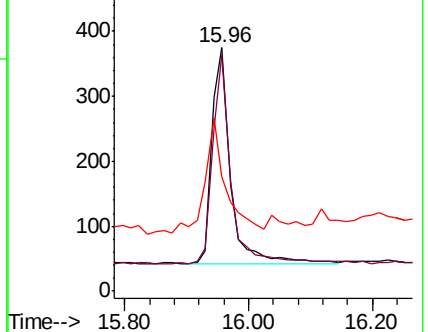
141 50.1 31.0 46.4#

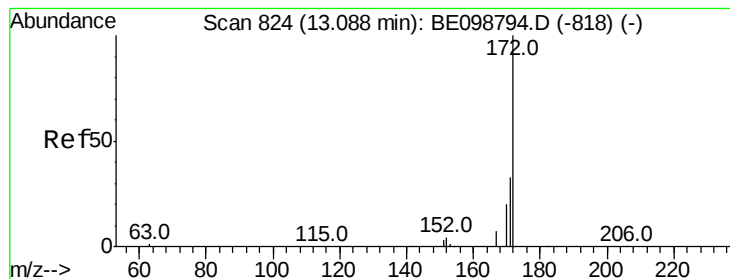


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

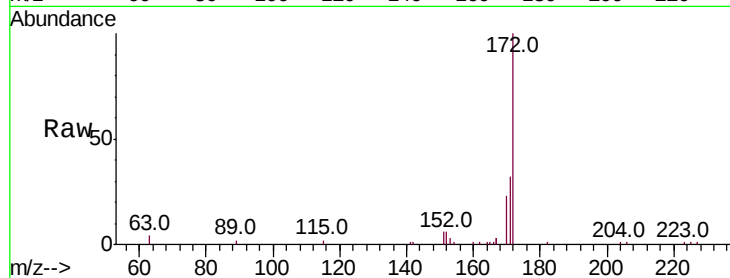




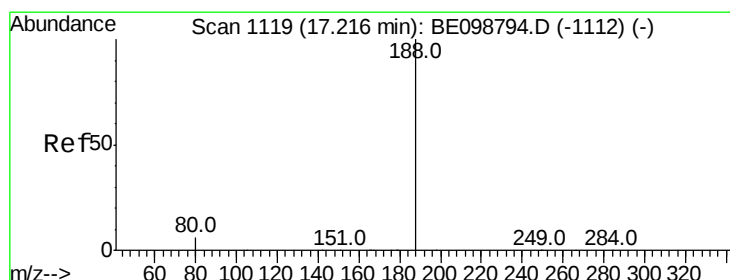
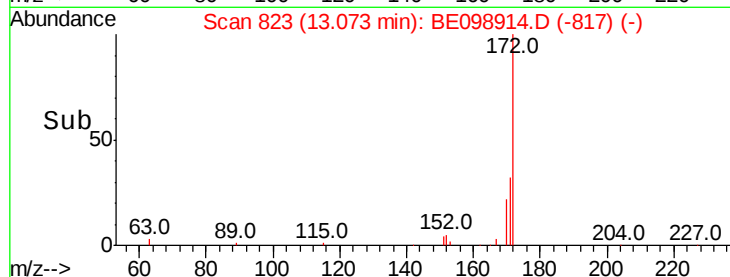
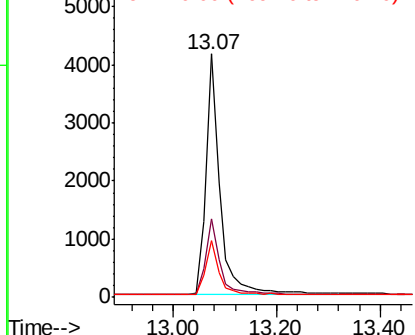
#15
2-Fluorobiphenyl
Concen: 0.607 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE098914.D
Acq: 13 Mar 2019 16:34

Instrument :
BNA_E
ClientSampled :

Tot Ion:172 Resp: 7906
Ion Ratio Lower Upper
172 100
171 32.5 28.0 42.0
170 23.3 17.7 26.5

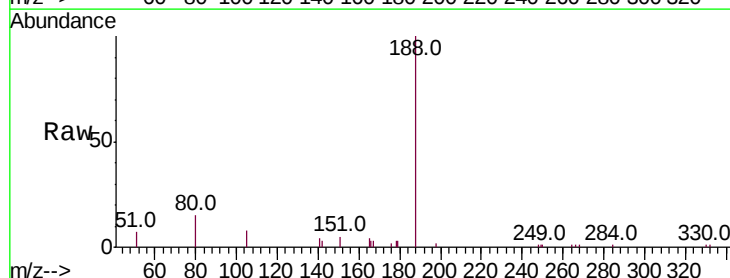


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

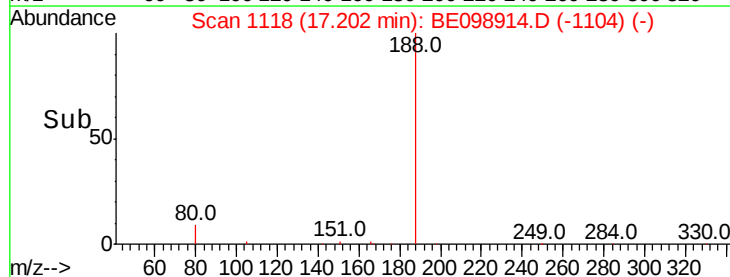
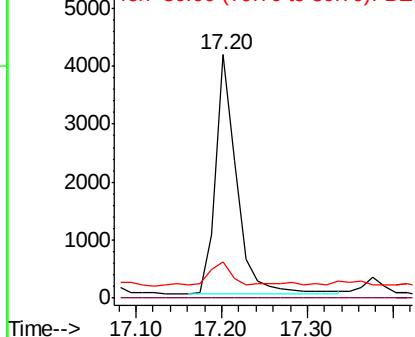


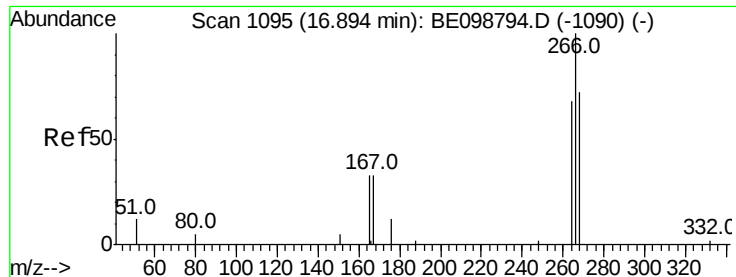
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BE098914.D
Acq: 13 Mar 2019 16:34

Tgt Ion:188 Resp: 7044
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.8 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

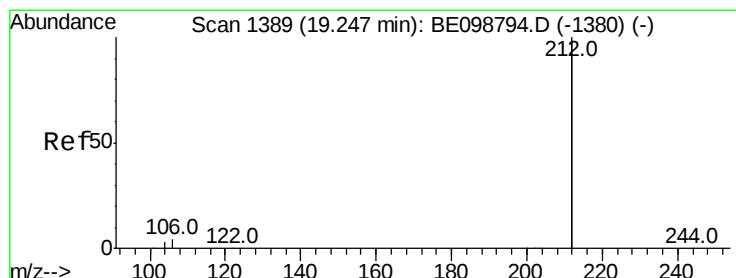
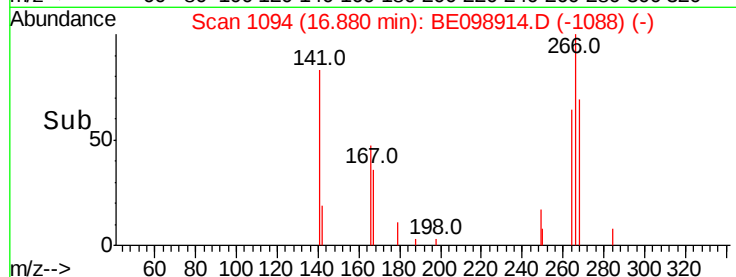
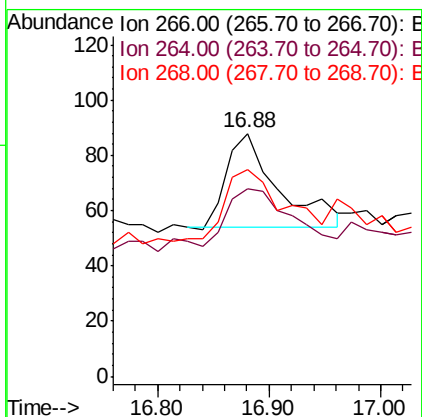
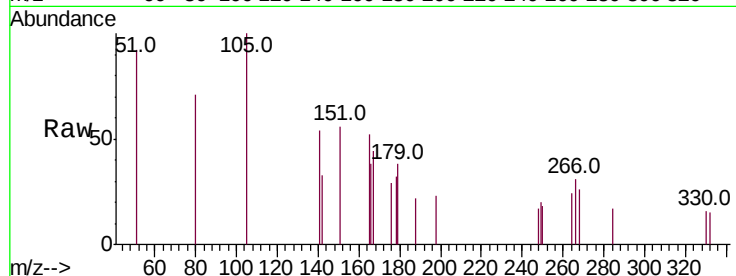




#22
 Pentachlorophenol
 Concen: 0.334 ng
 RT: 16.88 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BE098914.D
 Acq: 13 Mar 2019 16:34

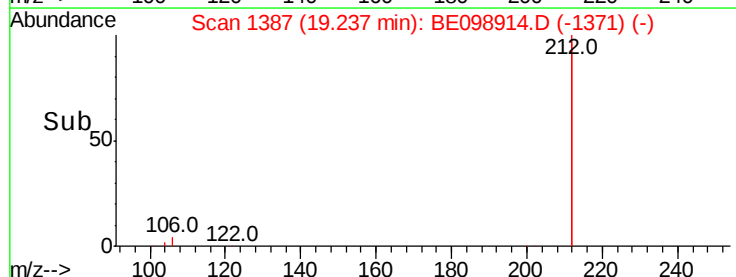
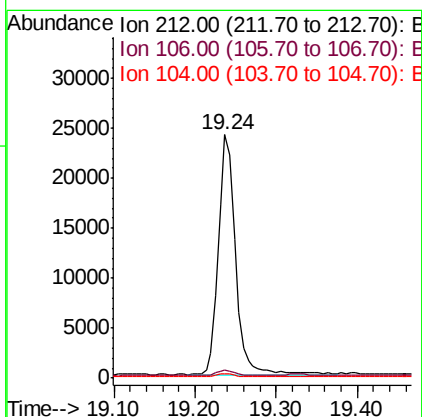
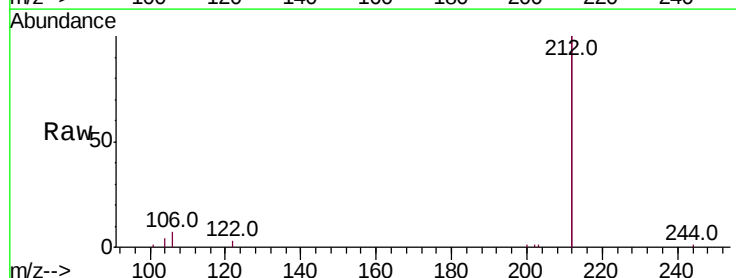
Instrument :
 BNA_E
 ClientSampled :

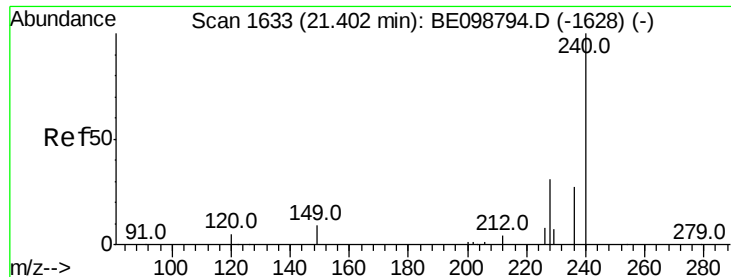
Tot Ion:266 Resp: 108
 Ion Ratio Lower Upper
 266 100
 264 77.3 66.6 100.0
 268 85.2 69.8 104.8



#25
 Fluoranthene-d10
 Concen: 0.313 ng
 RT: 19.24 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: BE098914.D
 Acq: 13 Mar 2019 16:34

Tgt Ion:212 Resp: 35243
 Ion Ratio Lower Upper
 212 100
 106 2.5 1.8 2.8
 104 1.4 1.0 1.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.39 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BE098914.D

Acq: 13 Mar 2019 16:34

Instrument :

BNA_E

ClientSampleId :

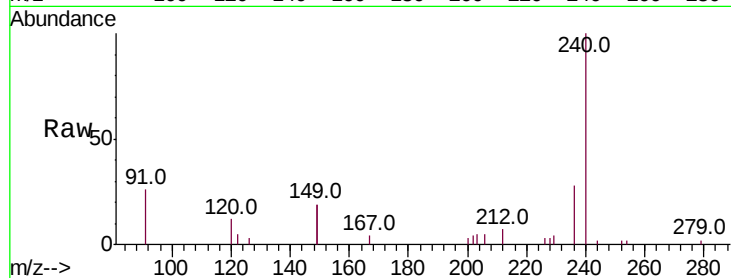
Tot Ion:240 Resp: 8452

Ion Ratio Lower Upper

240 100

120 11.9 5.0 7.4#

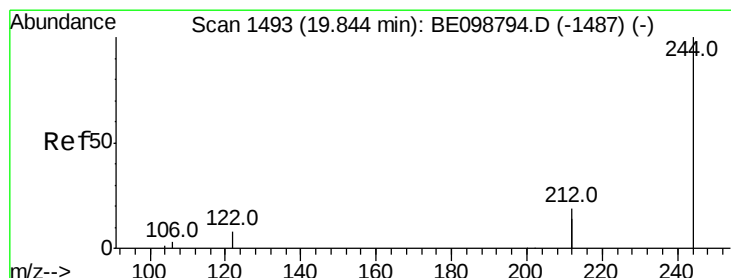
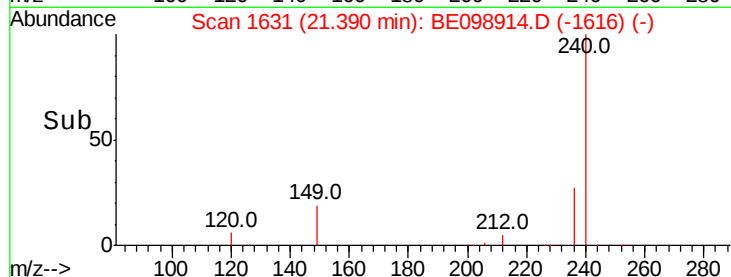
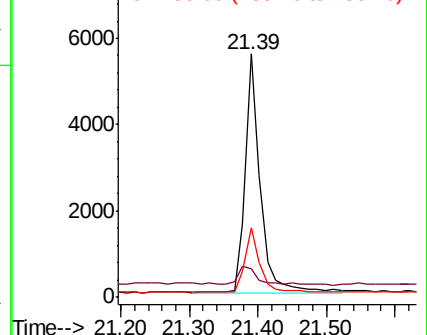
236 28.4 22.7 34.1



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: 0.477 ng

RT: 19.83 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BE098914.D

Acq: 13 Mar 2019 16:34

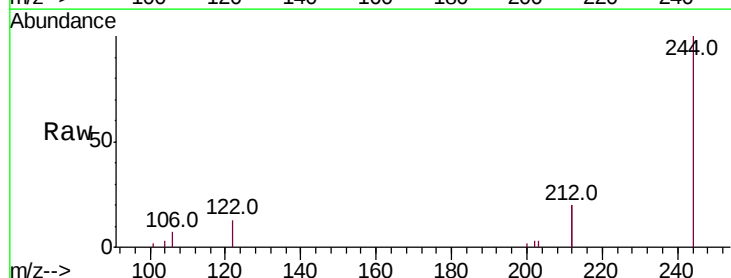
Tgt Ion:244 Resp: 9798

Ion Ratio Lower Upper

244 100

212 40.8 29.4 44.2

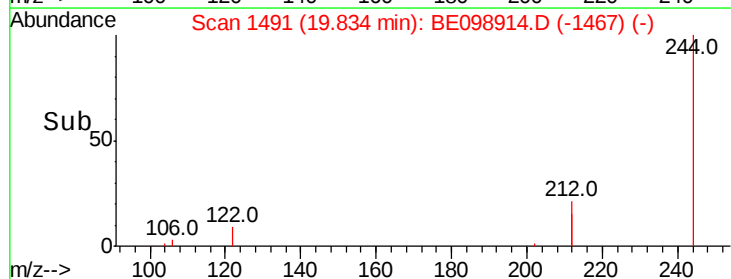
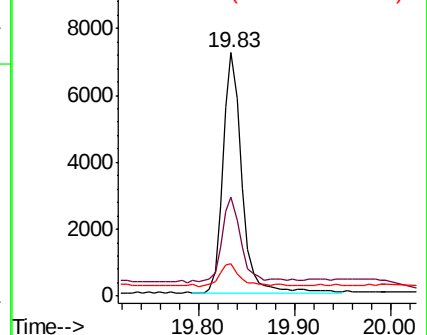
122 13.4 7.1 10.7#

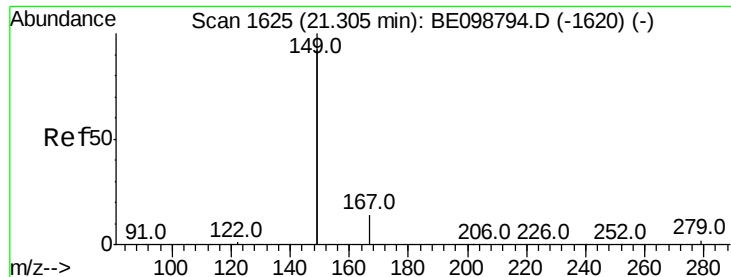


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.085 ng

RT: 21.29 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE098914.D

Acq: 13 Mar 2019 16:34

Instrument :

BNA_E

ClientSampleId :

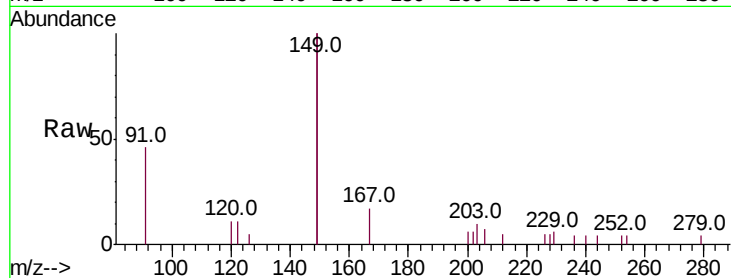
Tot Ion:149 Resp: 4786

Ion Ratio Lower Upper

149 100

167 13.2 5.4 8.0#

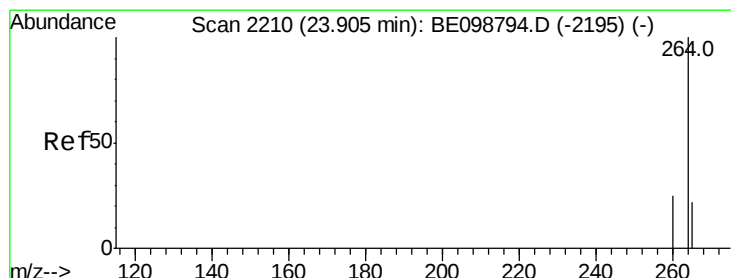
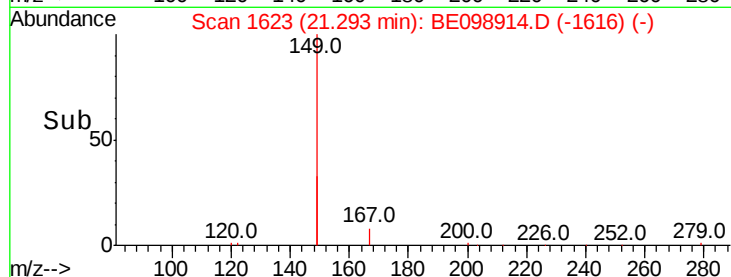
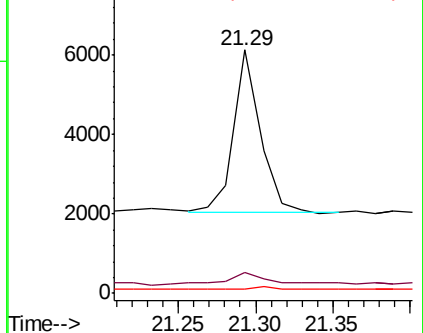
279 1.7 1.0 1.4#



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: 23.89 min Scan# 2204

Delta R.T. -0.02 min

Lab File: BE098914.D

Acq: 13 Mar 2019 16:34

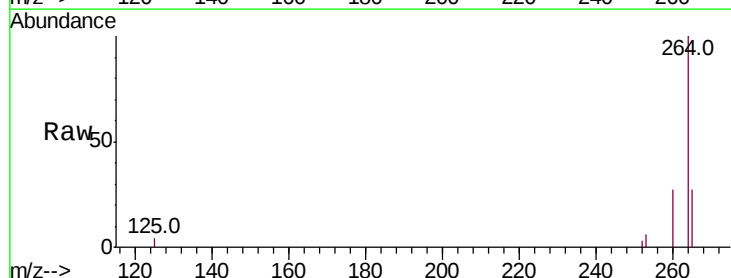
Tgt Ion:264 Resp: 8093

Ion Ratio Lower Upper

264 100

260 26.7 21.2 31.8

265 27.5 24.6 36.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

