

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031519\
 Data File : BE098976.D
 Acq On : 15 Mar 2019 17:58
 Operator : JU/SJ
 Sample : K1900-13DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW305I-20190313DL

Quant Time: Mar 16 00:51:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 15 05:31:33 2019
 Response via : Initial Calibration

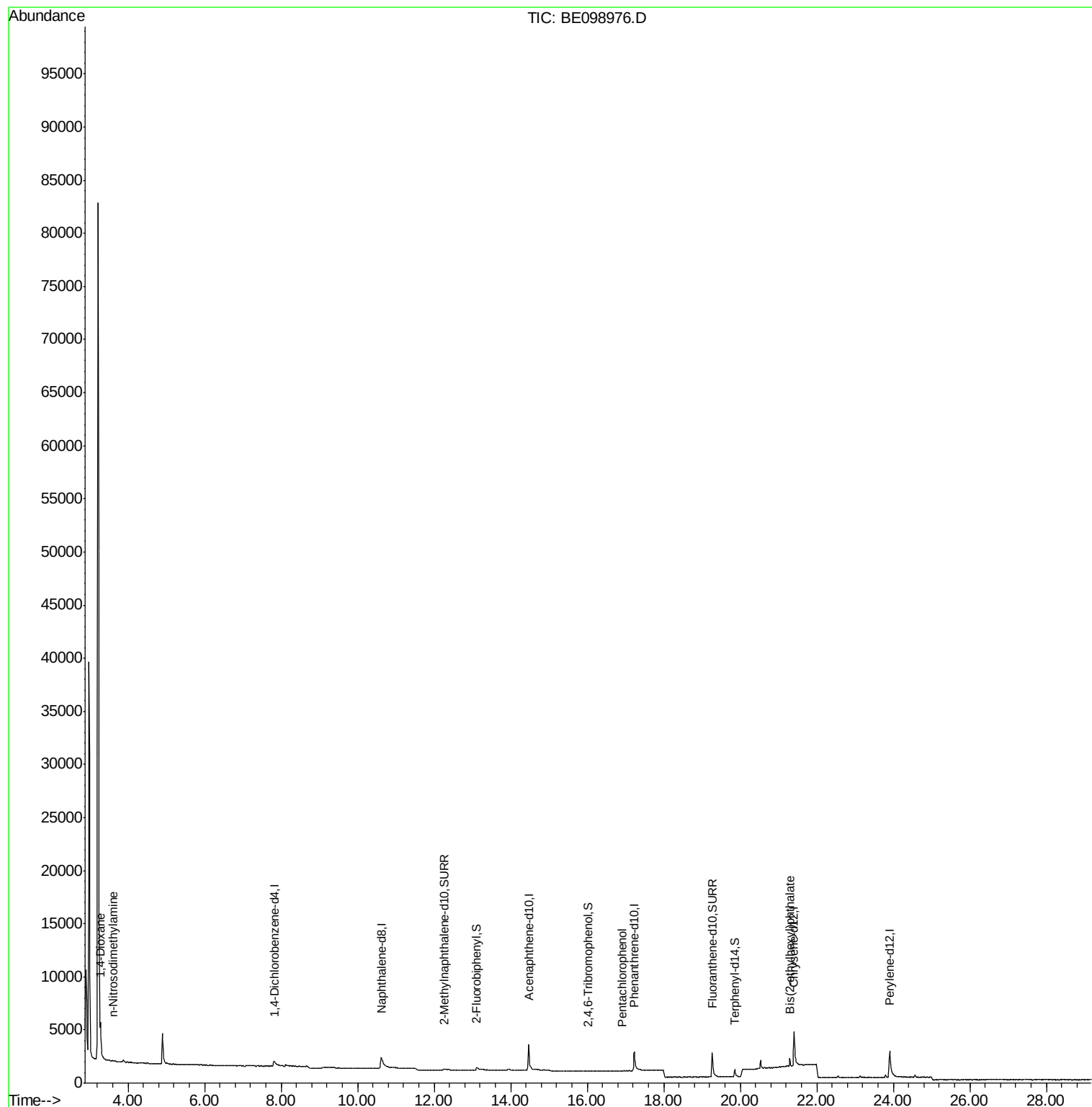
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	540	0.40	ng	0.03
7) Naphthalene-d8	10.61	136	3059	0.40	ng	0.03
13) Acenaphthene-d10	14.47	164	2454	0.40	ng	0.01
19) Phenanthrene-d10	17.23	188	5618	0.40	ng	0.01
27) Chrysene-d12	21.40	240	6153	0.40	ng	0.00
34) Perylene-d12	23.91	264	5796	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.42	112	17	0.01	ng	0.04
5) Phenol-d6	7.06	99	26	0.01	ng	0.07
8) Nitrobenzene-d5	8.98	82	2	0.00	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	303	0.05	ng	0.07
14) 2,4,6-Tribromophenol	16.02	330	60	0.05	ng	0.05
15) 2-Fluorobiphenyl	13.12	172	711	0.07	ng	0.03
25) Fluoranthene-d10	19.26	212	5945	0.07	ng	0.02
29) Terphenyl-d14	19.86	244	1114	0.07	ng	0.01
Target Compounds						
2) 1,4-Dioxane	3.28	88	1525	1.730	ng	96
3) n-Nitrosodimethylamine	3.61	42	85	0.063	ng	# 14
22) Pentachlorophenol	16.92	266	6	0.269	ng	90
32) Bis(2-ethylhexyl)phthalate	21.29	149	872	0.021	ng	# 92

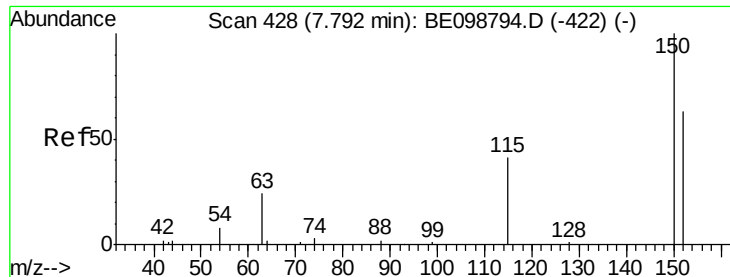
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. 0.03 min

Lab File: BE098976.D

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Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305I-20190313DL

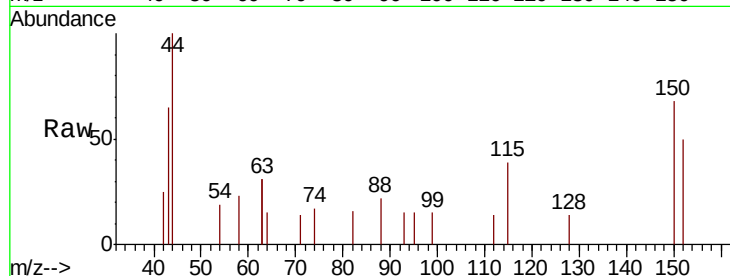
Tgt Ion: 152 Resp: 540

Ion Ratio Lower Upper

152 100

150 134.1 122.5 183.7

115 78.2 57.4 86.2

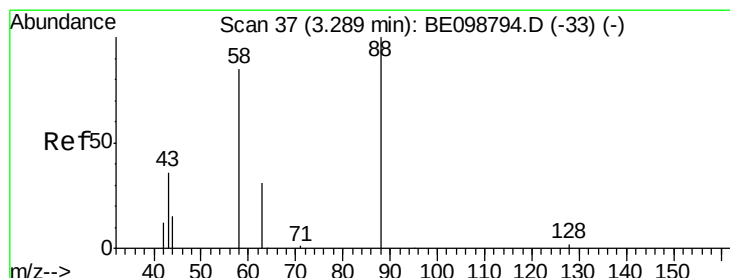
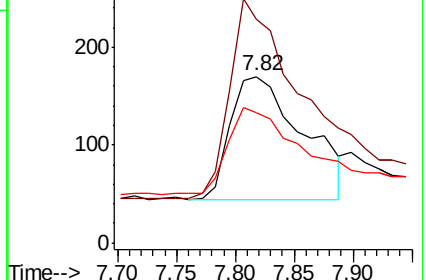
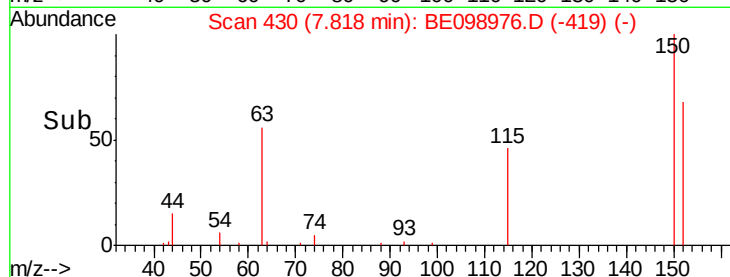


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

Time-->



#2

1,4-Dioxane

Concen: 1.730 ng

RT: 3.28 min Scan# 36

Delta R.T. -0.01 min

Lab File: BE098976.D

Acq: 15 Mar 2019 17:58

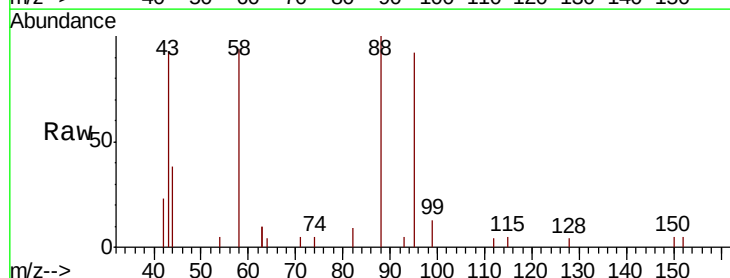
Tgt Ion: 88 Resp: 1525

Ion Ratio Lower Upper

88 100

58 93.8 75.8 113.6

43 58.3 41.8 62.8

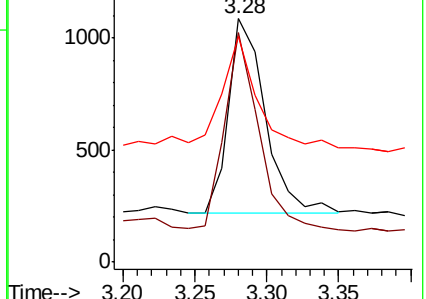
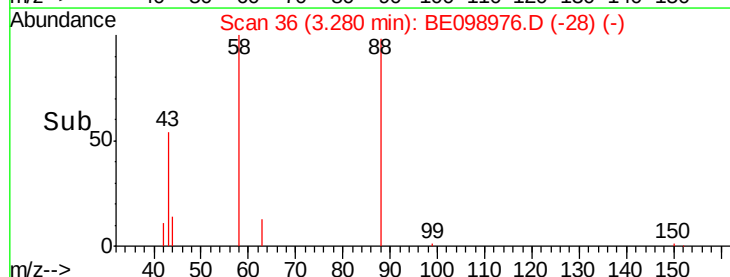


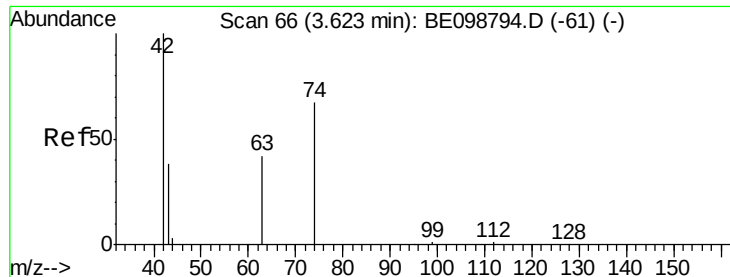
Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0

Time-->



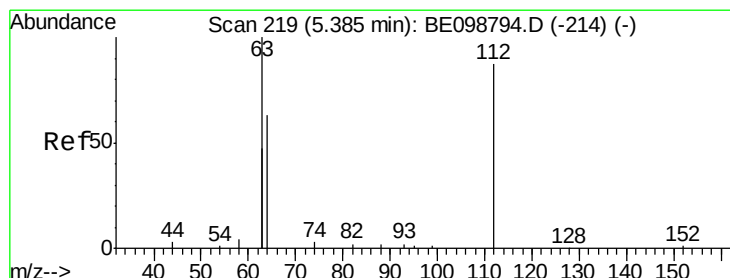
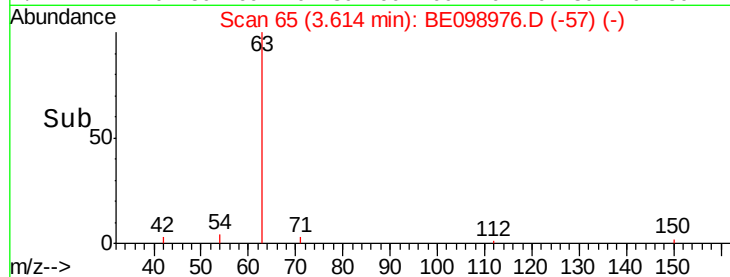
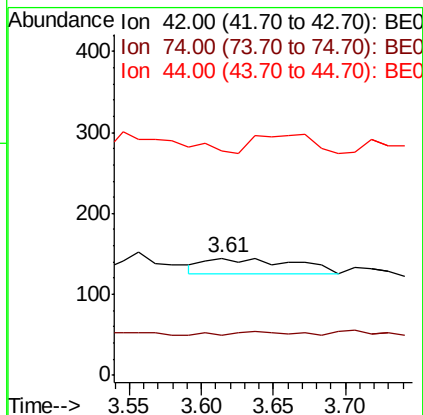
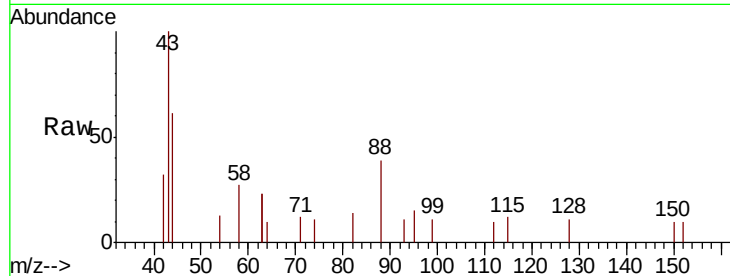


#3

n-Nitrosodimethylamine
 Concen: 0.063 ng
 RT: 3.61 min Scan# 65
 Delta R.T. -0.01 min
 Lab File: BE098976.D
 Acq: 15 Mar 2019 17:58

Instrument :
 BNA_E
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 BPS1-TT-MW305I-20190313DL

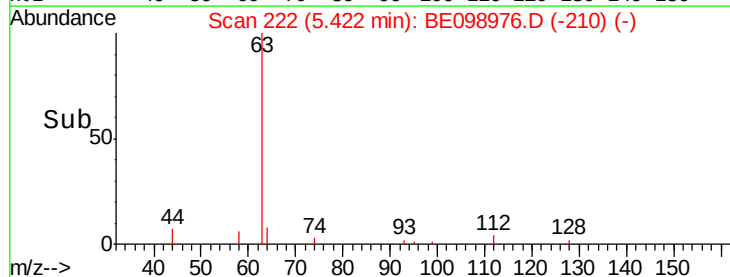
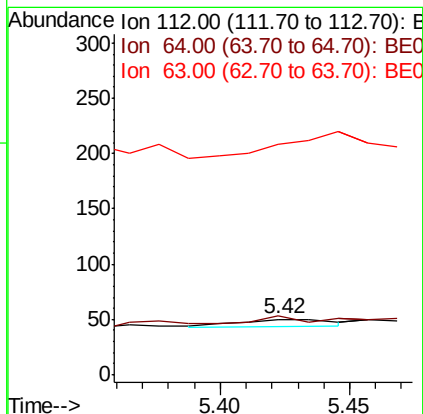
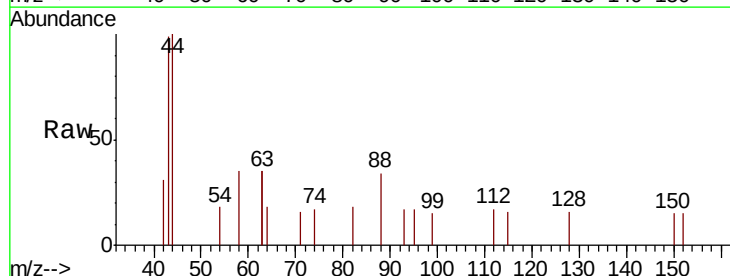
Tgt Ion	Ratio	Lower	Upper
42	100		
74	0.0	57.0	85.4#
44	0.0	0.0	0.0

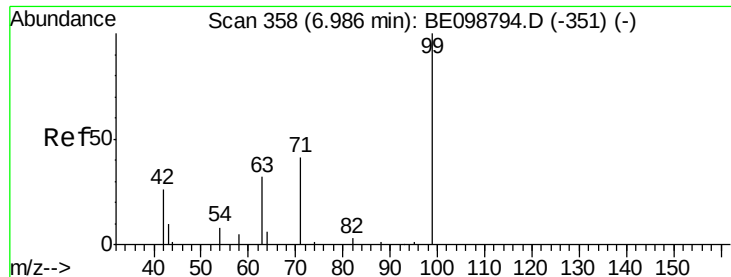


#4

2-Fluorophenol
 Concen: 0.011 ng
 RT: 5.42 min Scan# 222
 Delta R.T. 0.04 min
 Lab File: BE098976.D
 Acq: 15 Mar 2019 17:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	47.1	57.9	86.9#
63	0.0	158.3	237.5#





#5

Phenol-d6

Concen: 0.011 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.07 min

Lab File: BE098976.D

Acq: 15 Mar 2019 17:58

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305I-20190313DL

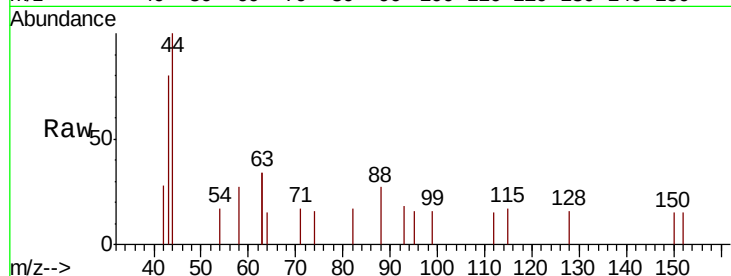
Tgt Ion: 99 Resp: 26

Ion Ratio Lower Upper

99 100

42 0.0 24.2 36.2#

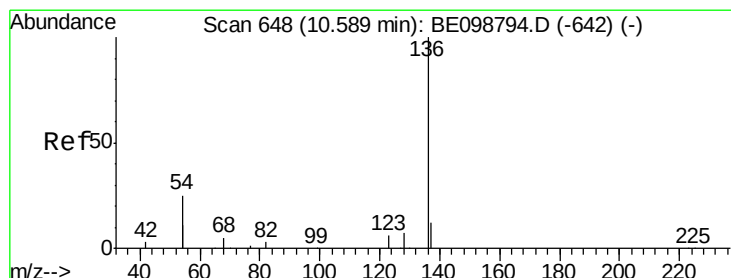
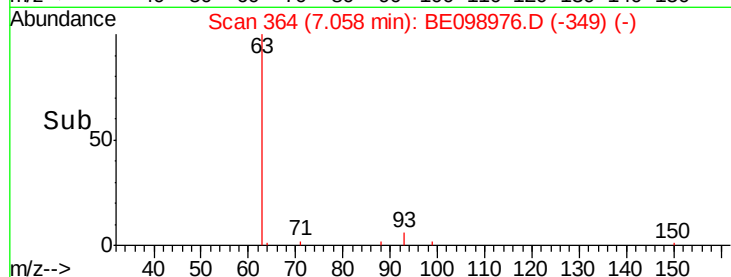
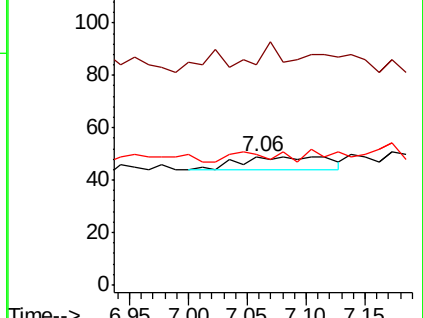
71 30.8 35.7 53.5#



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: BE098976.D

Acq: 15 Mar 2019 17:58

Tgt Ion: 136 Resp: 3059

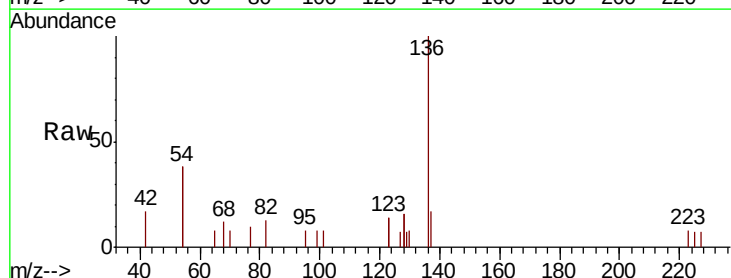
Ion Ratio Lower Upper

136 100

137 17.1 11.4 17.0#

54 76.5 39.3 58.9#

68 12.1 6.7 10.1#

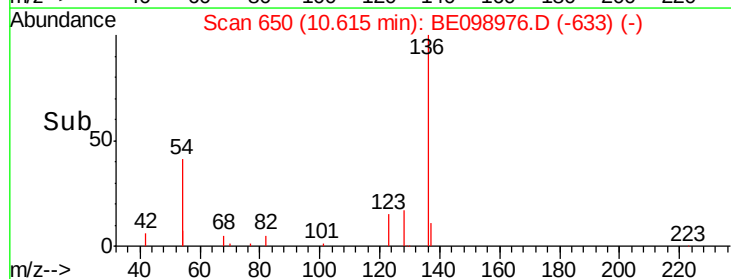
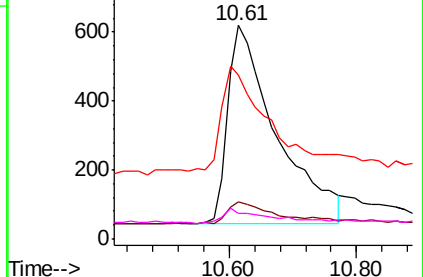


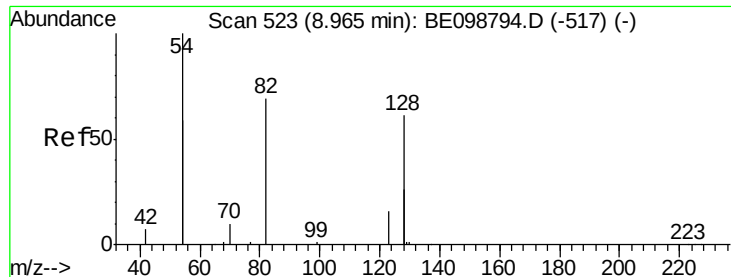
Abundance Ion 136.00 (135.70 to 136.70): E

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

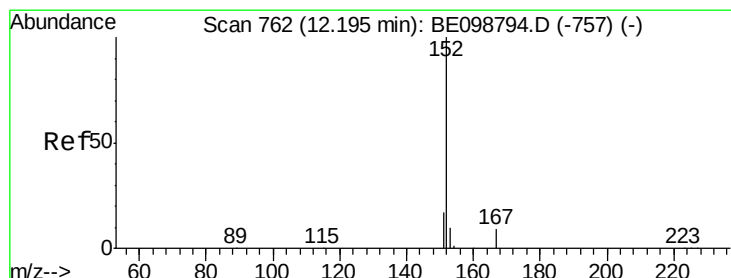
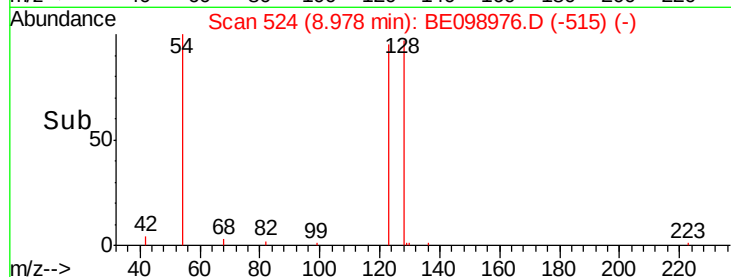
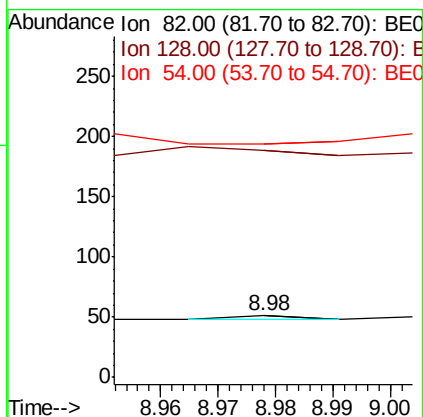
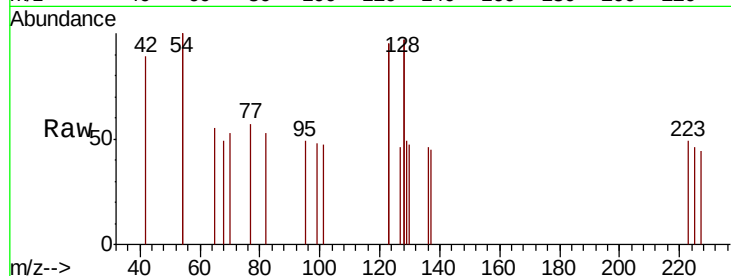




#8
 Nitrobenzene-d5
 Concen: 0.001 ng
 RT: 8.98 min Scan# 524
 Delta R.T. 0.01 min
 Lab File: BE098976.D
 Acq: 15 Mar 2019 17:58

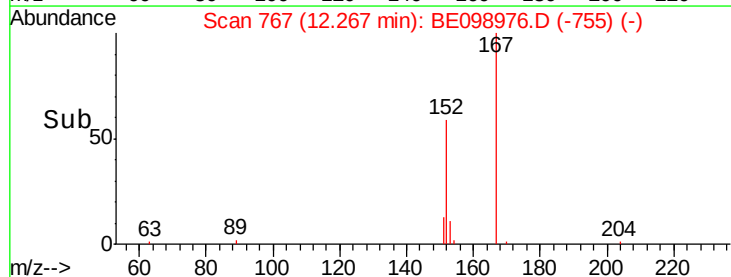
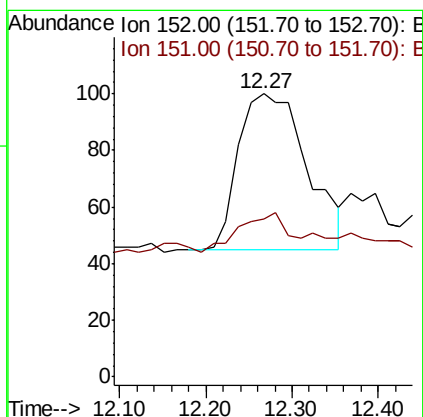
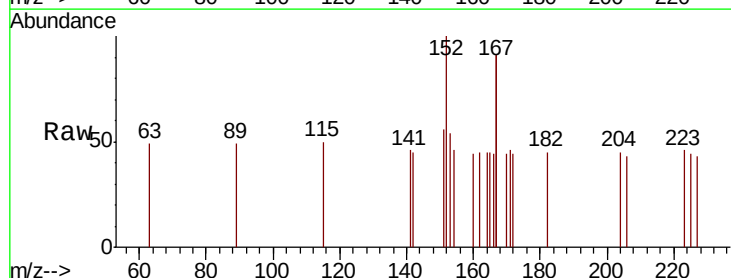
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW305I-20190313DL

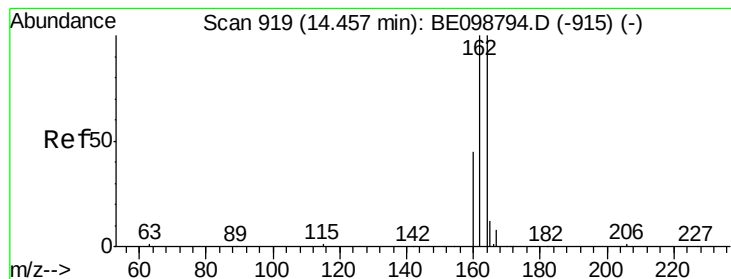
Tgt Ion: 82 Resp: 2
 Ion Ratio Lower Upper
 82 100
 128 368.6 123.8 185.8#
 54 380.4 203.4 305.2#



#11
 2-Methylnaphthalene-d10
 Concen: 0.054 ng
 RT: 12.27 min Scan# 767
 Delta R.T. 0.07 min
 Lab File: BE098976.D
 Acq: 15 Mar 2019 17:58

Tgt Ion: 152 Resp: 303
 Ion Ratio Lower Upper
 152 100
 151 17.8 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: BE098976.D

Acq: 15 Mar 2019 17:58

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305I-20190313DL

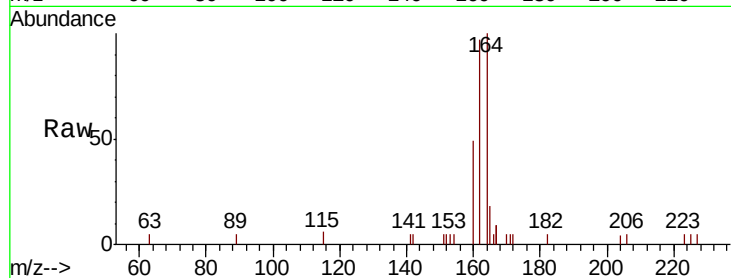
Tgt Ion:164 Resp: 2454

Ion Ratio Lower Upper

164 100

162 97.1 80.2 120.2

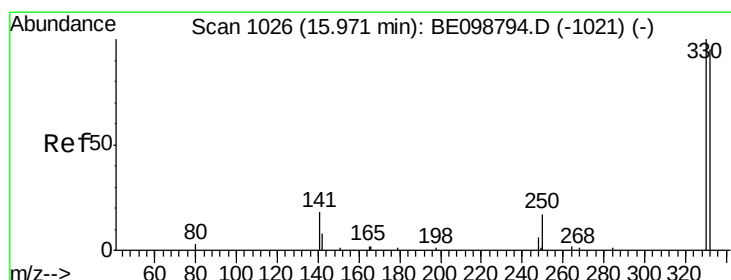
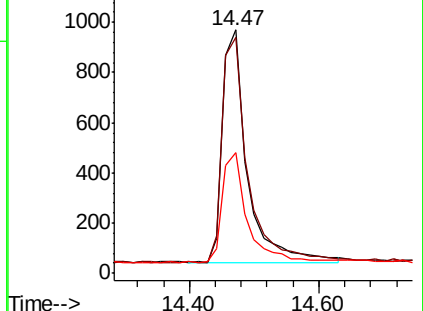
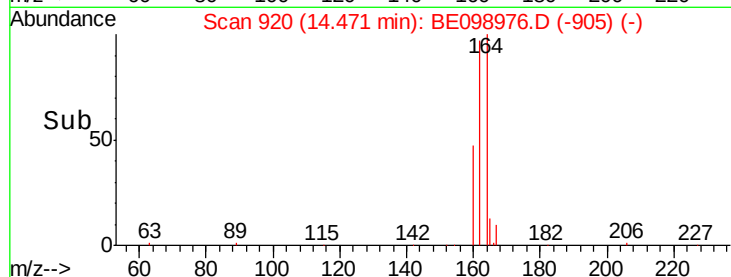
160 49.4 37.8 56.8



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: 16.02 min Scan# 1030

Delta R.T. 0.05 min

Lab File: BE098976.D

Acq: 15 Mar 2019 17:58

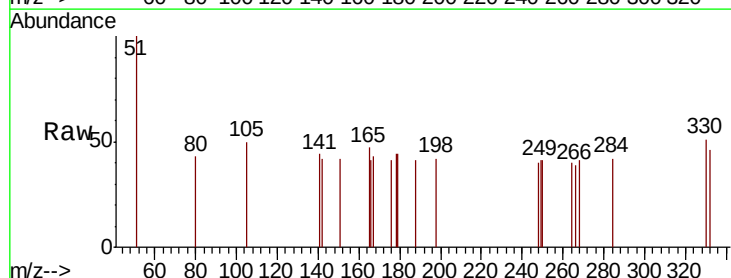
Tgt Ion:330 Resp: 60

Ion Ratio Lower Upper

330 100

332 0.0 77.6 116.4#

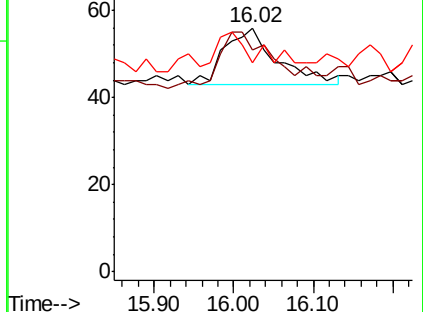
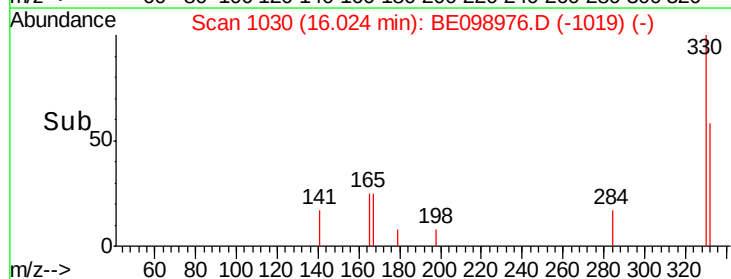
141 0.0 31.0 46.4#

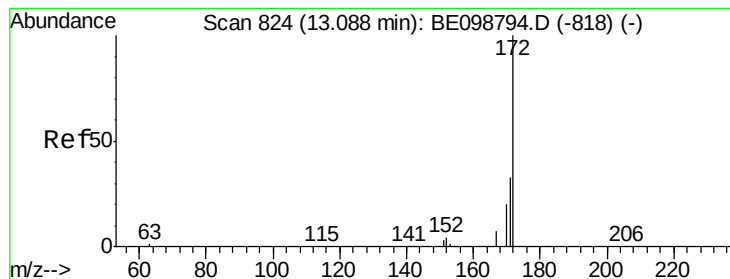


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.070 ng

RT: 13.12 min Scan# 826

Delta R.T. 0.03 min

Lab File: BE098976.D

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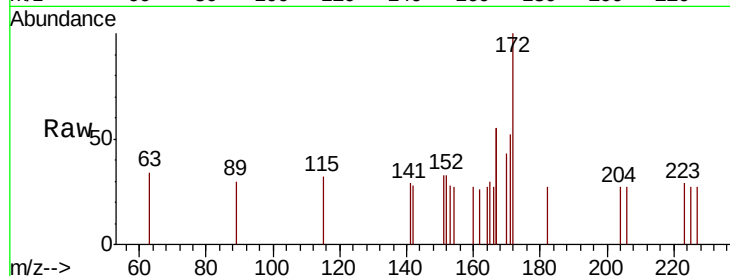
Tgt Ion:172 Resp: 711

Ion Ratio Lower Upper

172 100

171 52.4 28.0 42.0#

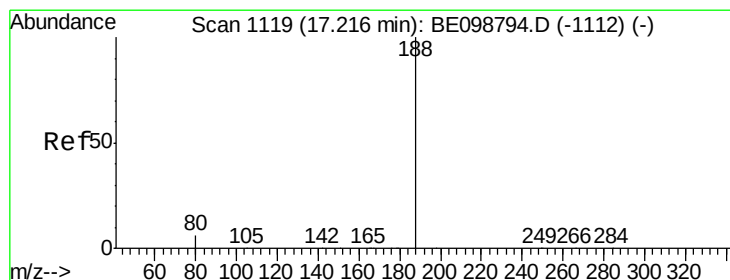
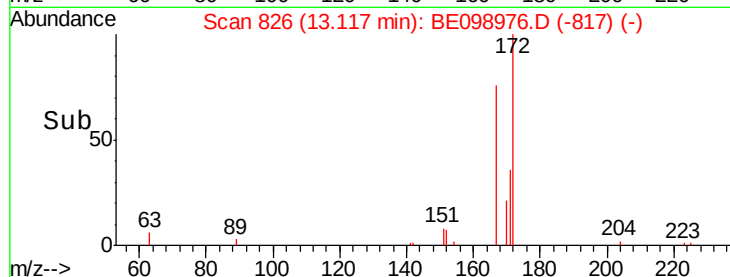
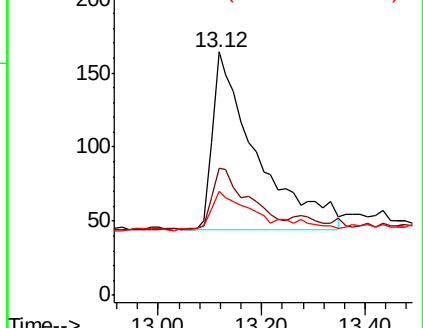
170 42.7 17.7 26.5#



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



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.01 min

Lab File: BE098976.D

Acq: 15 Mar 2019 17:58

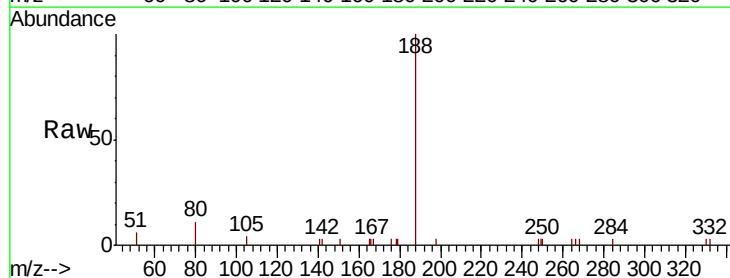
Tgt Ion:188 Resp: 5618

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

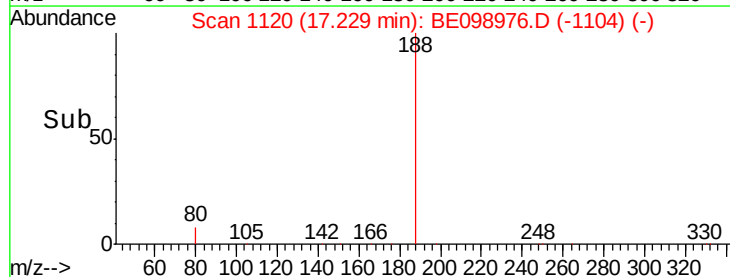
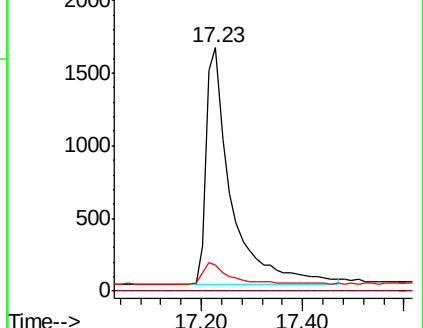
80 10.7 6.3 9.5#

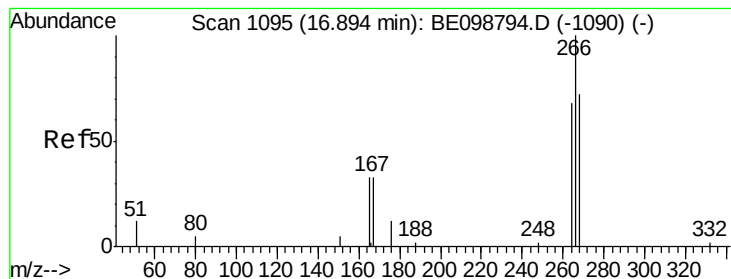


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#22

Pentachlorophenol

Concen: 0.269 ng

RT: 16.92 min Scan# 1097

Delta R.T. 0.03 min

Lab File: BE098976.D

Acq: 15 Mar 2019 17:58

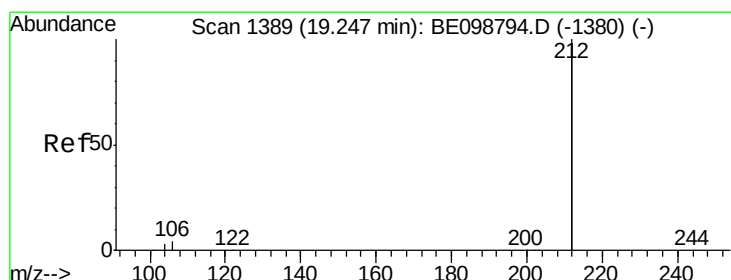
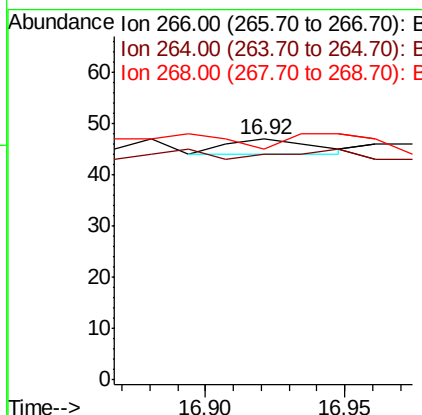
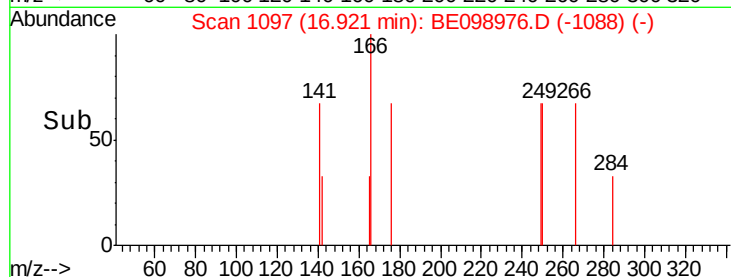
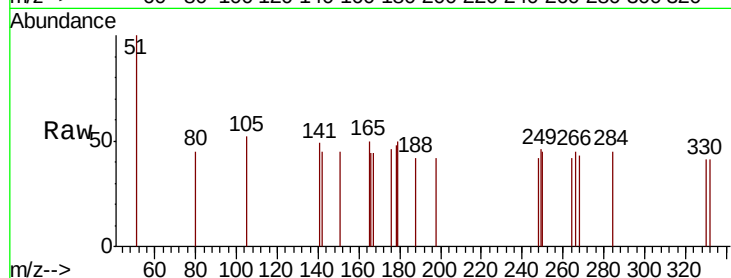
Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305I-20190313DL

Tgt Ion:	266	Resp:	6
Ion	Ratio	Lower	Upper
266	100		
264	93.6	66.6	100.0
268	95.7	69.8	104.8



#25

Fluoranthene-d10

Concen: 0.066 ng

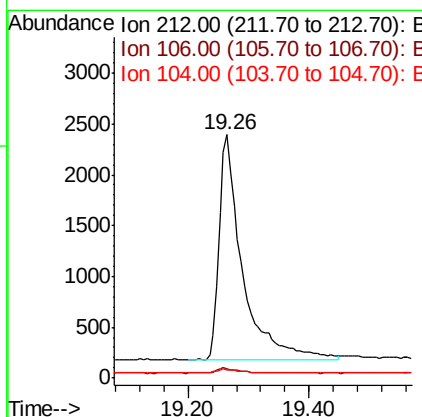
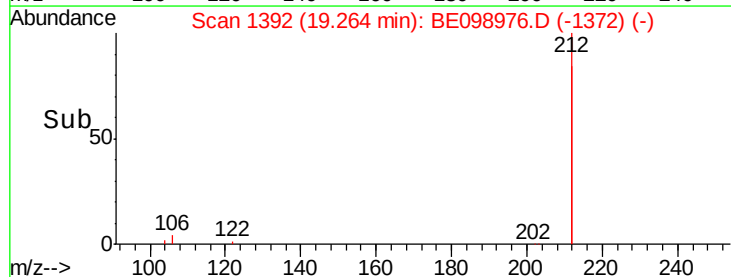
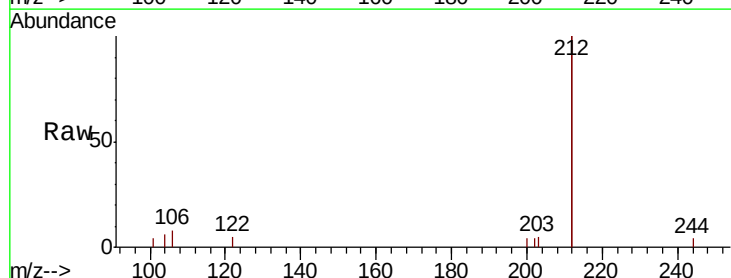
RT: 19.26 min Scan# 1392

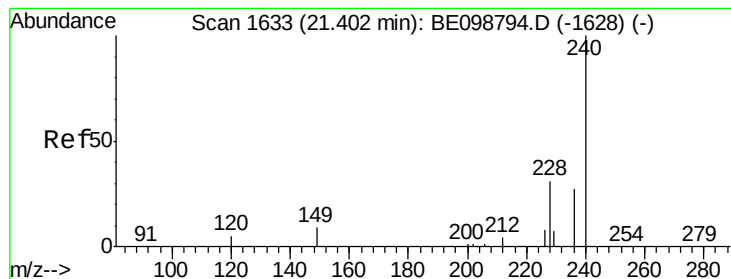
Delta R.T. 0.02 min

Lab File: BE098976.D

Acq: 15 Mar 2019 17:58

Tgt Ion:	212	Resp:	5945
Ion	Ratio	Lower	Upper
212	100		
106	2.4	1.8	2.8
104	1.3	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: BE098976.D

Acq: 15 Mar 2019 17:58

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305I-20190313DL

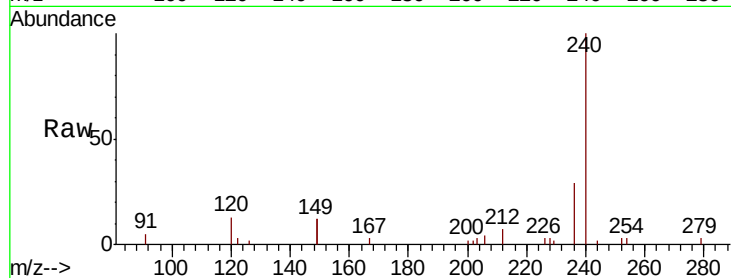
Tgt Ion:240 Resp: 6153

Ion Ratio Lower Upper

240 100

120 13.2 5.0 7.4#

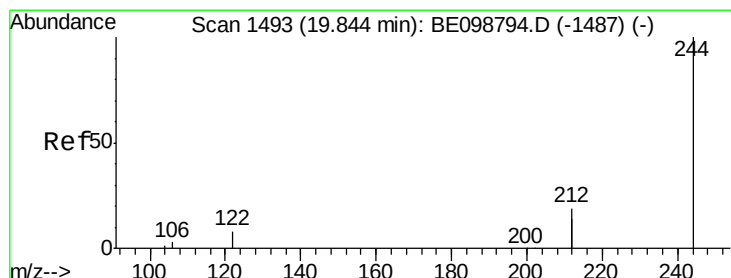
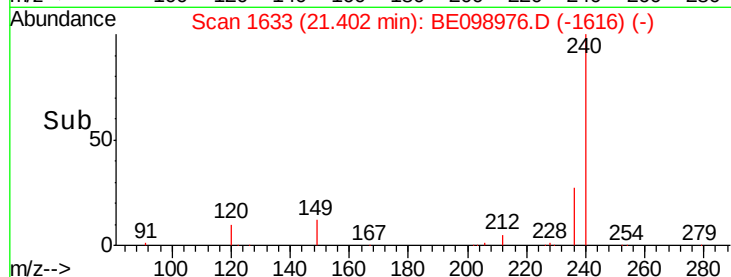
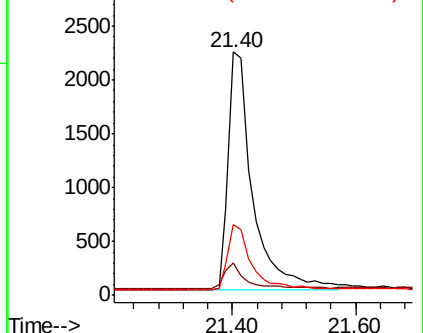
236 28.9 22.7 34.1



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: 19.86 min Scan# 1495

Delta R.T. 0.01 min

Lab File: BE098976.D

Acq: 15 Mar 2019 17:58

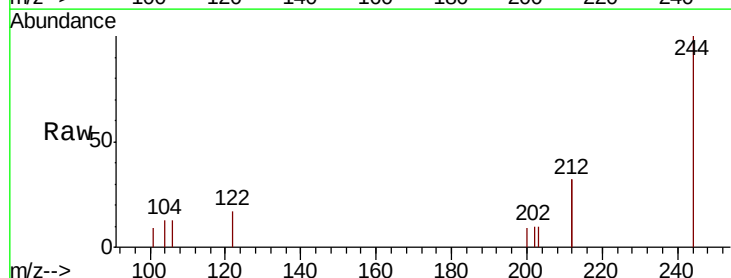
Tgt Ion:244 Resp: 1114

Ion Ratio Lower Upper

244 100

212 64.9 29.4 44.2#

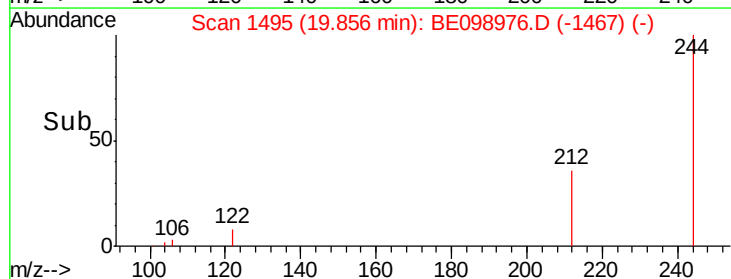
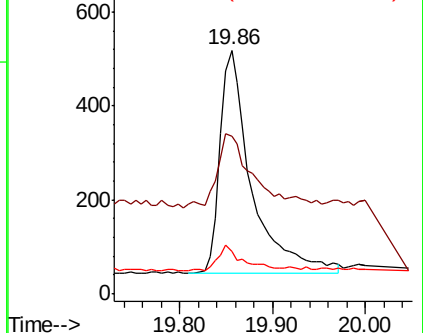
122 17.2 7.1 10.7#

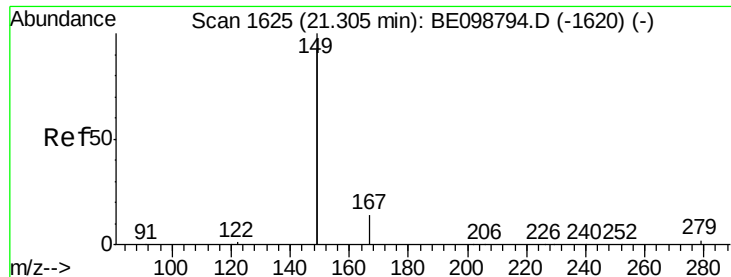


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

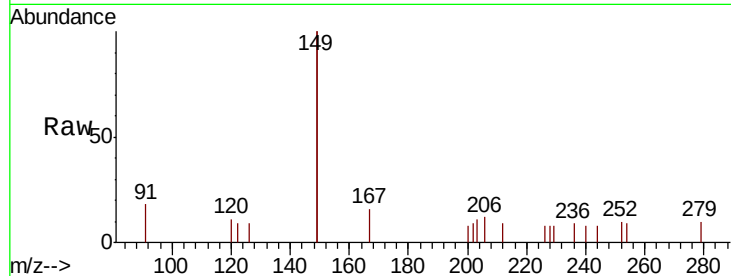




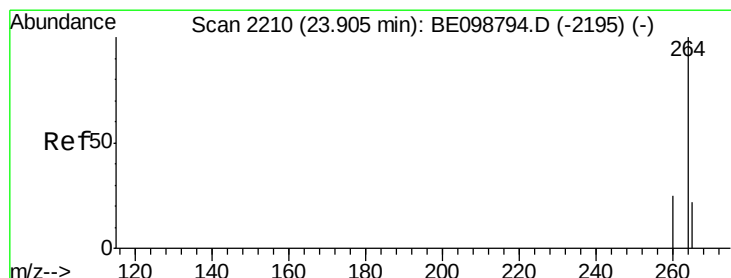
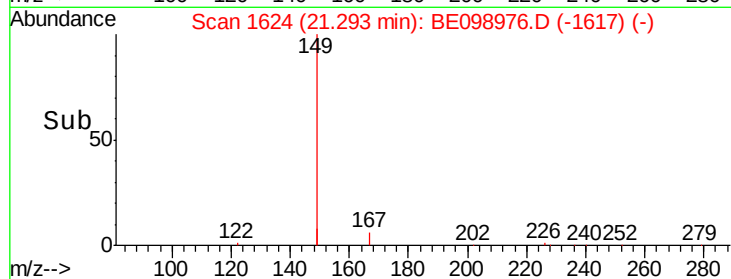
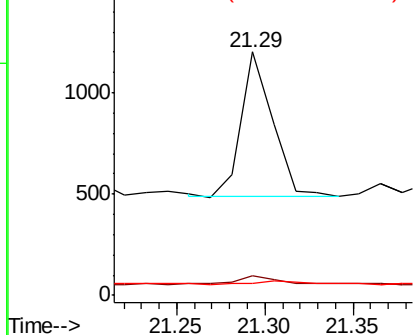
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.021 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BE098976.D
 Acq: 15 Mar 2019 17:58

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW305I-20190313DL

Tgt Ion:149 Resp: 872
 Ion Ratio Lower Upper
 149 100
 167 9.5 5.4 8.0#
 279 4.1 1.0 1.4#

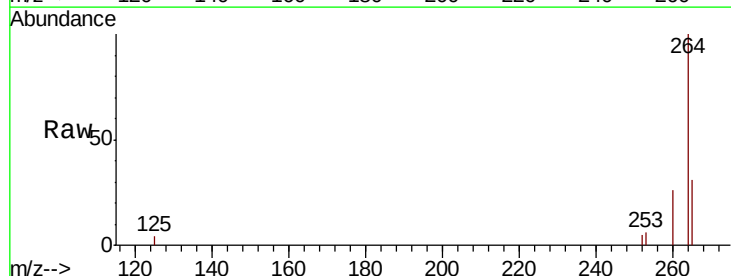


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.91 min Scan# 2210
 Delta R.T. 0.00 min
 Lab File: BE098976.D
 Acq: 15 Mar 2019 17:58

Tgt Ion:264 Resp: 5796
 Ion Ratio Lower Upper
 264 100
 260 26.3 21.2 31.8
 265 30.9 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

