

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031819\
 Data File : BE099005.D
 Acq On : 18 Mar 2019 17:47
 Operator : JU/SJ
 Sample : K19137-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW309I-20190313

Quant Time: Mar 19 01:53:06 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

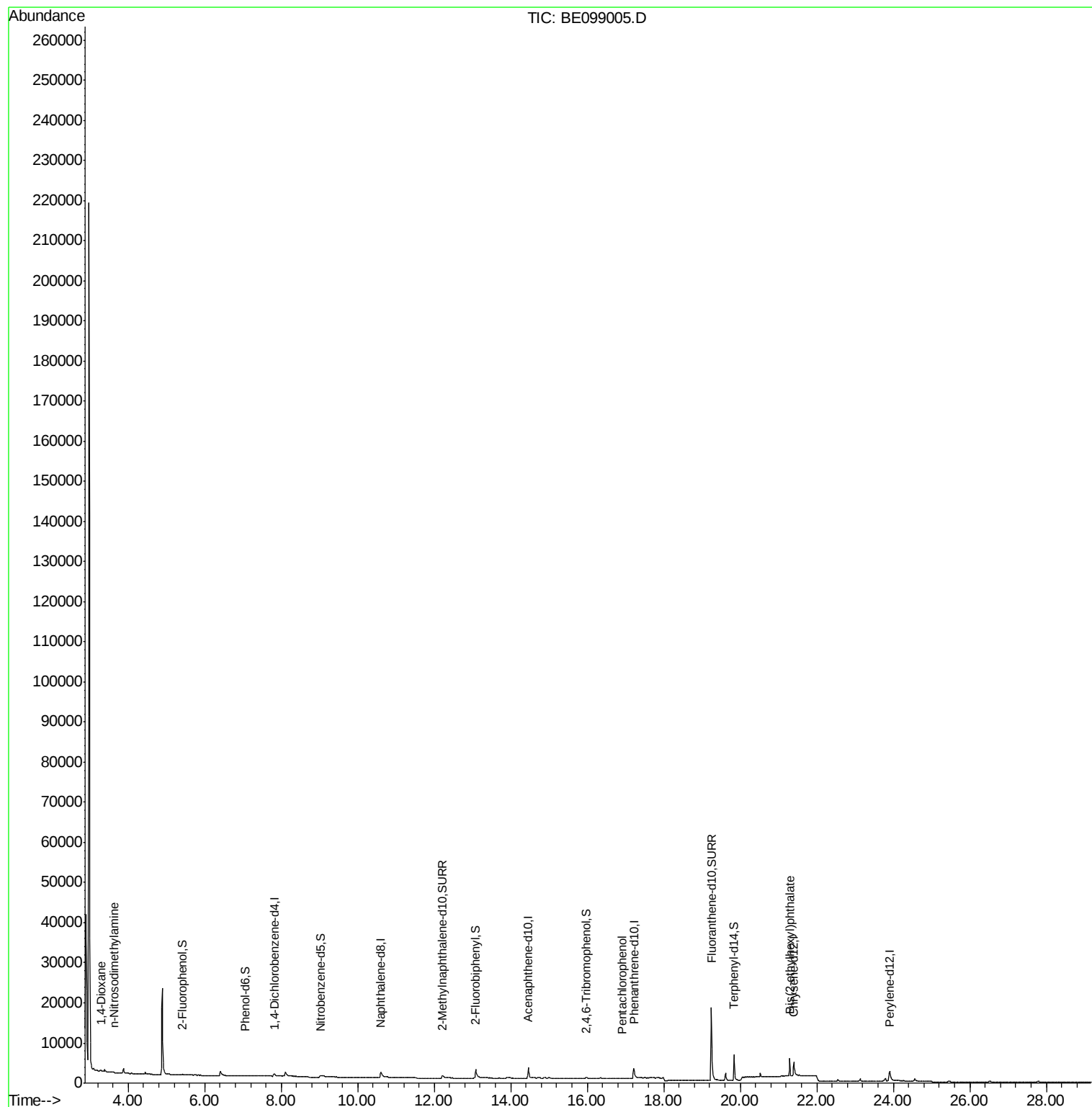
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	607	0.40	ng	0.02
7) Naphthalene-d8	10.60	136	3148	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2286	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5131	0.40	ng	0.00
27) Chrysene-d12	21.40	240	5983	0.40	ng	0.00
34) Perylene-d12	23.90	264	5368	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.42	112	270	0.15	ng	0.04
5) Phenol-d6	7.06	99	147	0.06	ng	0.07
8) Nitrobenzene-d5	9.04	82	459	0.14	ng	0.08
11) 2-Methylnaphthalene-d10	12.21	152	2285	0.39	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	342	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4176	0.44	ng	0.00
25) Fluoranthene-d10	19.24	212	33374	0.41	ng	0.00
29) Terphenyl-d14	19.84	244	7541	0.52	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.29	88	244	0.157	ng	Qvalue # 59
3) n-Nitrosodimethylamine	3.63	42	40	0.026	ng	# 14
22) Pentachlorophenol	16.91	266	6	0.270	ng	89
32) Bis(2-ethylhexyl)phthalate	21.29	149	4915	0.124	ng	99

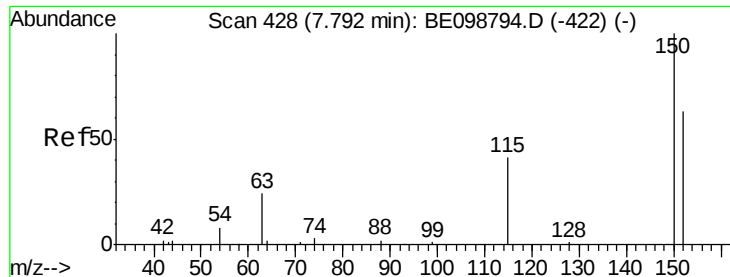
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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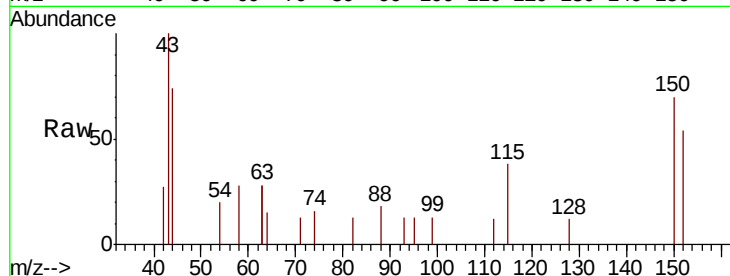


#1

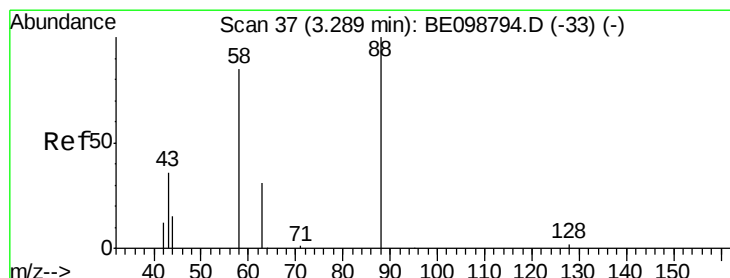
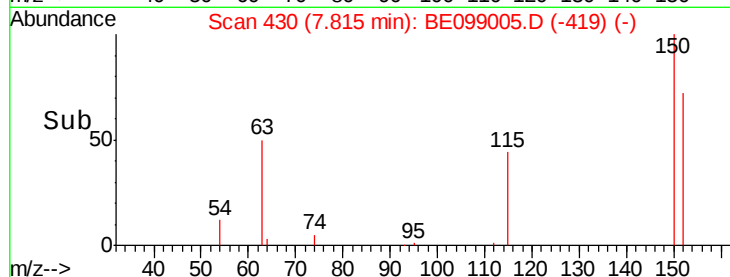
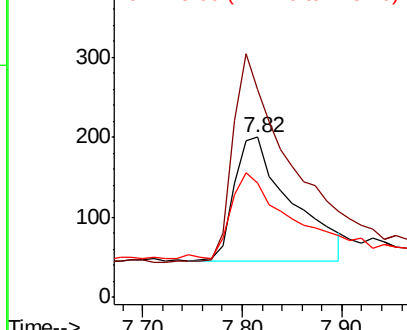
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.02 min
Lab File: BE099005.D
Acq: 18 Mar 2019 17:47

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW309I-20190313

Tgt Ion:152 Resp: 607
Ion Ratio Lower Upper
152 100
150 129.5 122.5 183.7
115 71.5 57.4 86.2



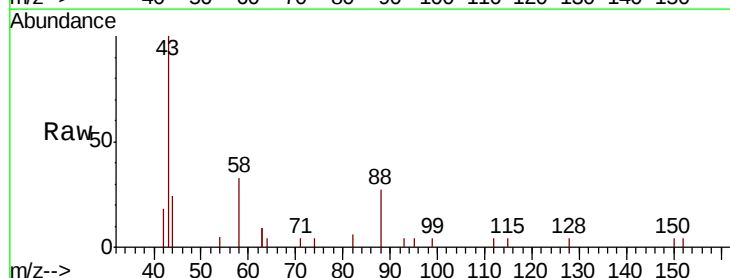
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



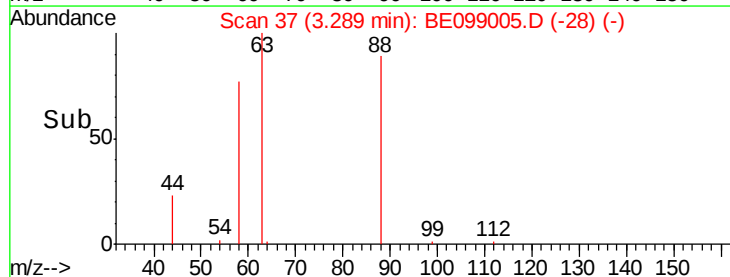
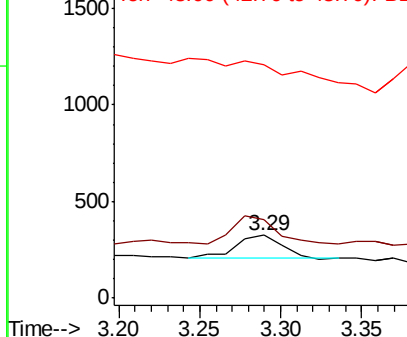
#2

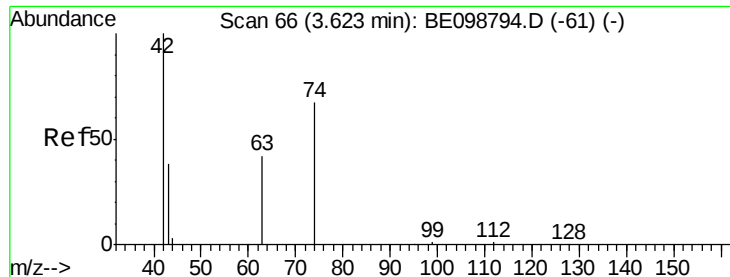
1,4-Dioxane
Concen: 0.157 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE099005.D
Acq: 18 Mar 2019 17:47

Tgt Ion: 88 Resp: 244
Ion Ratio Lower Upper
88 100
58 116.4 75.8 113.6#
43 0.0 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: 0.026 ng

RT: 3.63 min Scan# 67

Delta R.T. 0.01 min

Lab File: BE099005.D

Acq: 18 Mar 2019 17:47

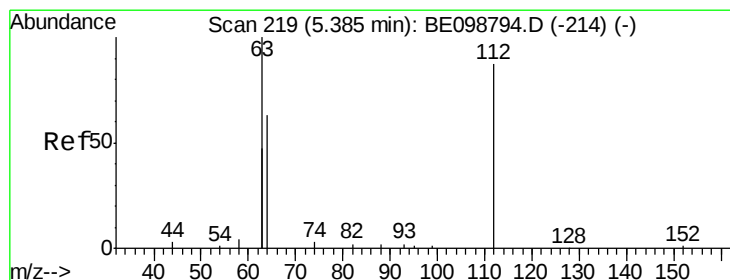
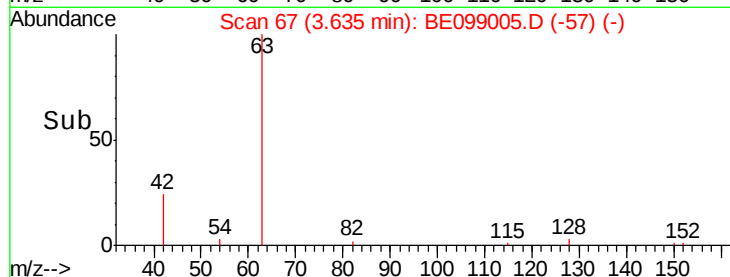
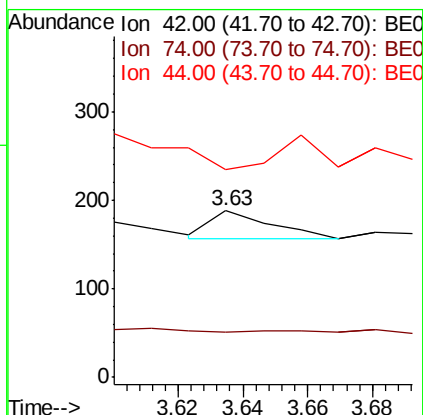
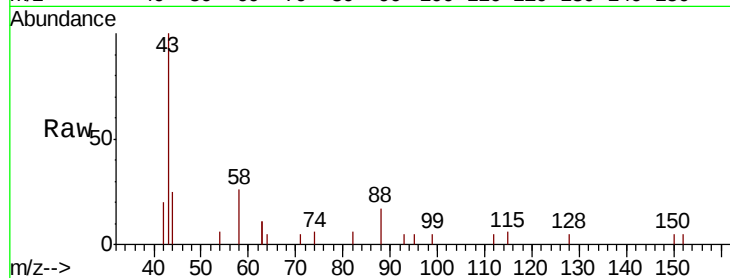
Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW309I-20190313

Tgt Ion:	42	Resp:	40
Ion	Ratio	Lower	Upper
42	100		
74	0.0	57.0	85.4#
44	0.0	0.0	0.0



#4

2-Fluorophenol

Concen: 0.149 ng

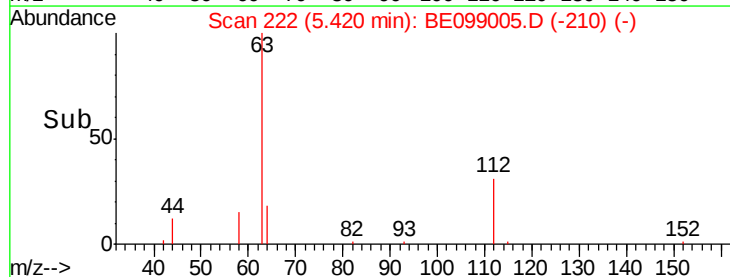
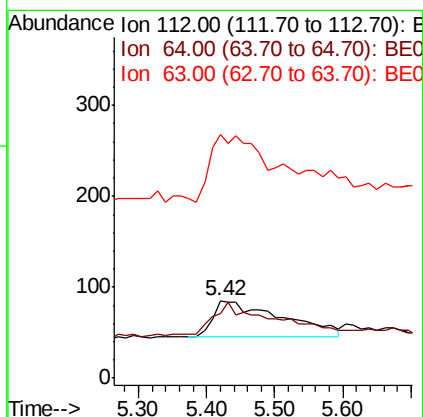
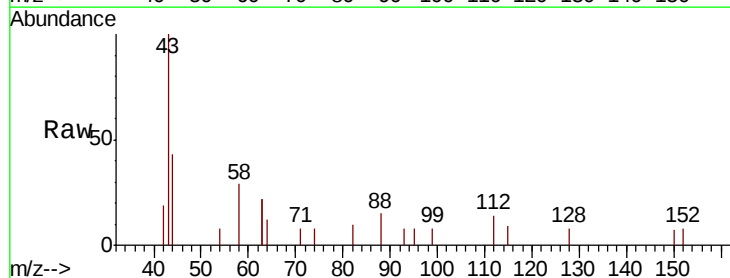
RT: 5.42 min Scan# 222

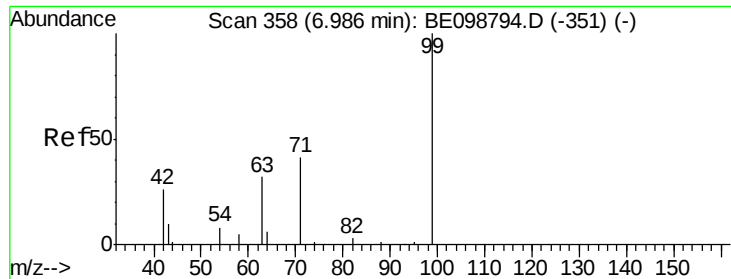
Delta R.T. 0.04 min

Lab File: BE099005.D

Acq: 18 Mar 2019 17:47

Tgt Ion:	112	Resp:	270
Ion	Ratio	Lower	Upper
112	100		
64	85.6	57.9	86.9
63	128.5	158.3	237.5#





#5

Phenol-d6

Concen: 0.057 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.07 min

Lab File: BE099005.D

Acq: 18 Mar 2019 17:47

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW309I-20190313

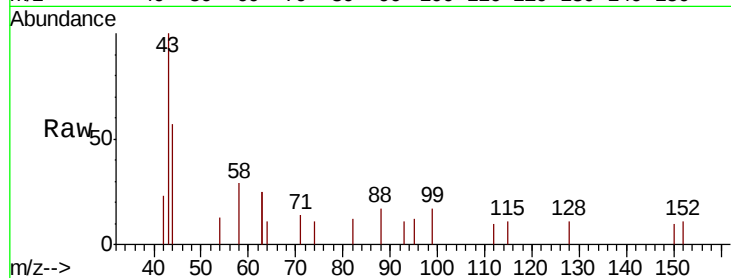
Tgt Ion: 99 Resp: 147

Ion Ratio Lower Upper

99 100

42 31.3 24.2 36.2

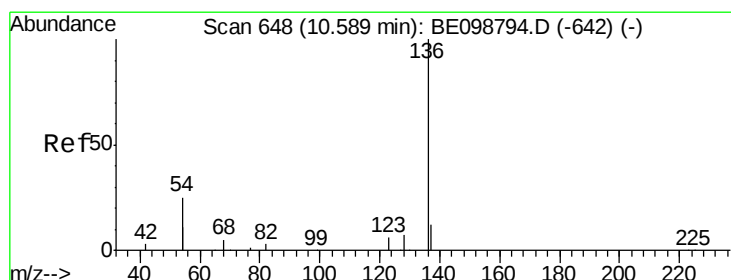
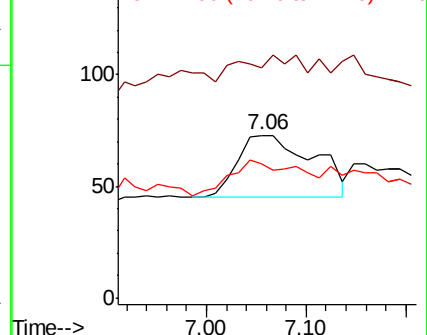
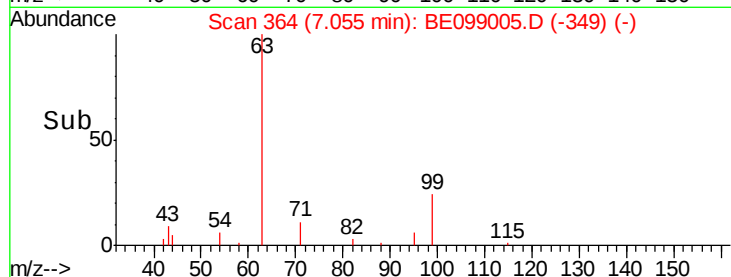
71 0.0 35.7 53.5#



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: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE099005.D

Acq: 18 Mar 2019 17:47

Tgt Ion: 136 Resp: 3148

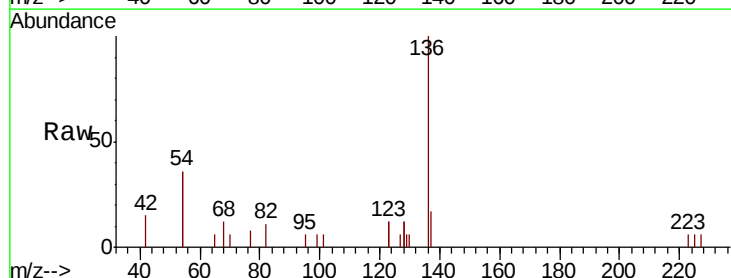
Ion Ratio Lower Upper

136 100

137 16.8 11.4 17.0

54 72.7 39.3 58.9#

68 12.5 6.7 10.1#

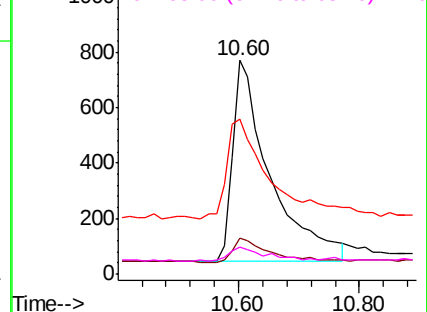
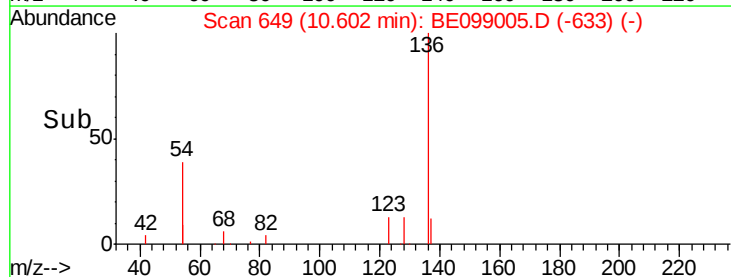


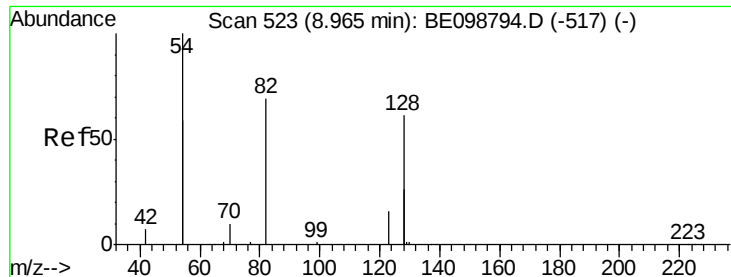
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.139 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.08 min

Lab File: BE099005.D

Acq: 18 Mar 2019 17:47

Instrument :

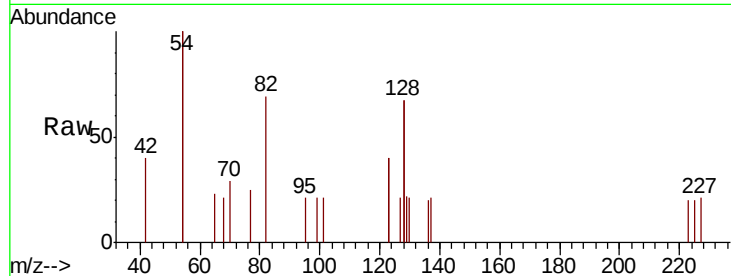
BNA_E

ClientSampleId :

BPS1-TT-MW309I-20190313

Tgt Ion: 82 Resp: 459

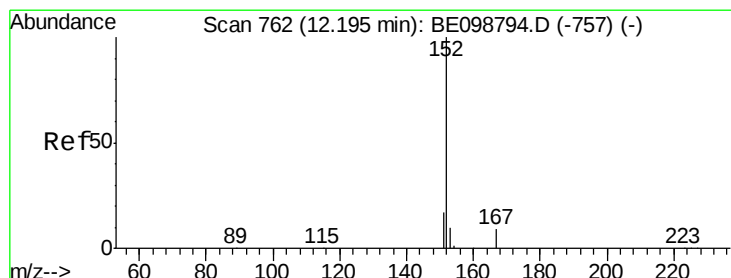
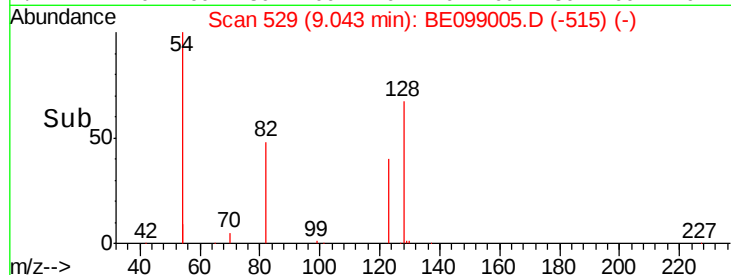
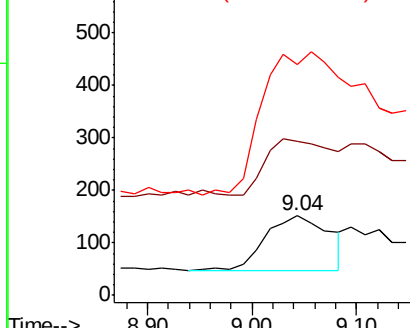
Ion	Ratio	Lower	Upper
82	100		
128	193.4	123.8	185.8#
54	289.5	203.4	305.2



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: 0.393 ng

RT: 12.21 min Scan# 763

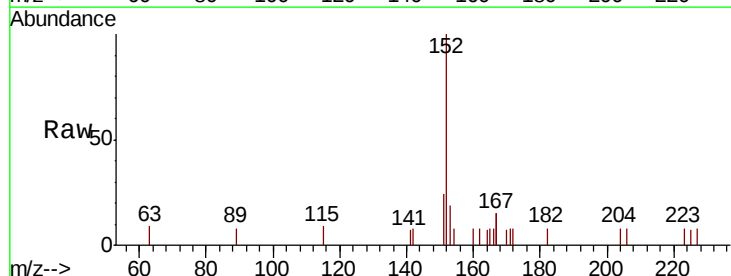
Delta R.T. 0.01 min

Lab File: BE099005.D

Acq: 18 Mar 2019 17:47

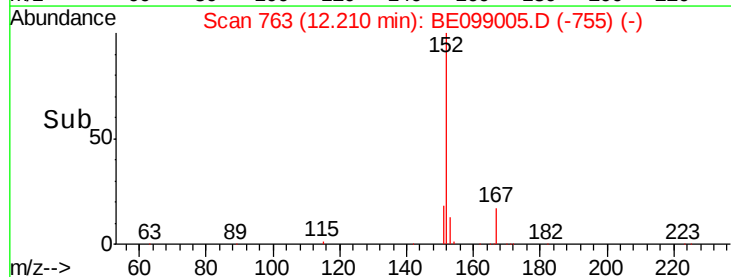
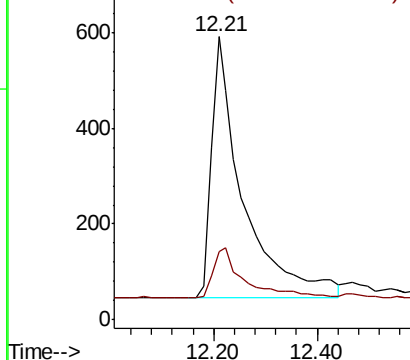
Tgt Ion: 152 Resp: 2285

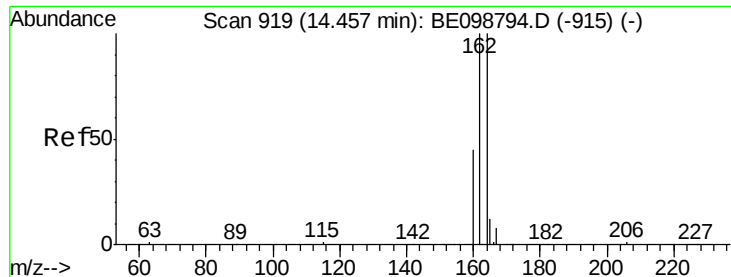
Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.5	24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

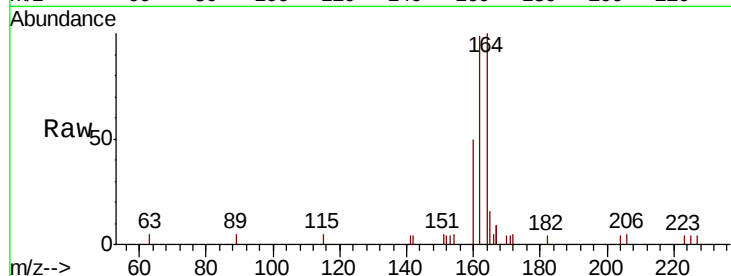




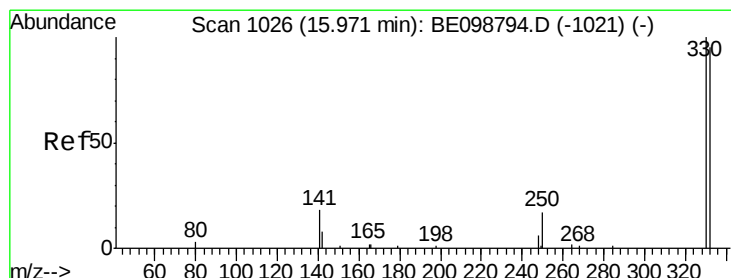
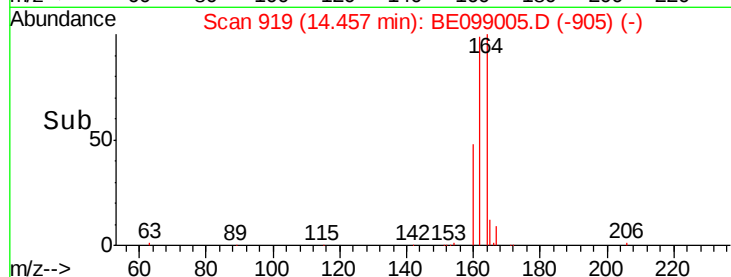
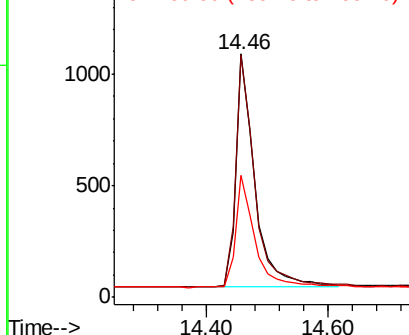
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: BE099005.D
 Acq: 18 Mar 2019 17:47

Instrument :
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 BPS1-TT-MW309I-20190313

Tgt Ion:164 Resp: 2286
 Ion Ratio Lower Upper
 164 100
 162 99.3 80.2 120.2
 160 50.3 37.8 56.8

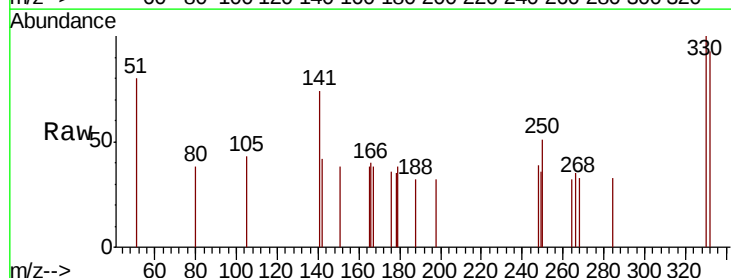


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

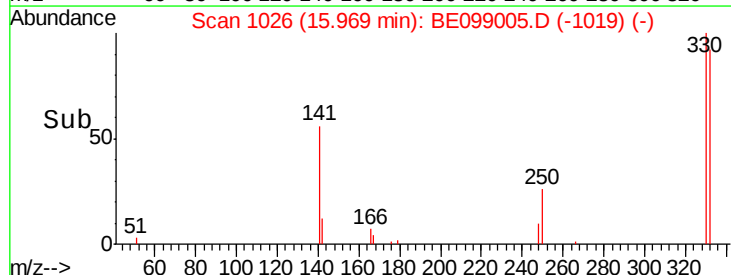
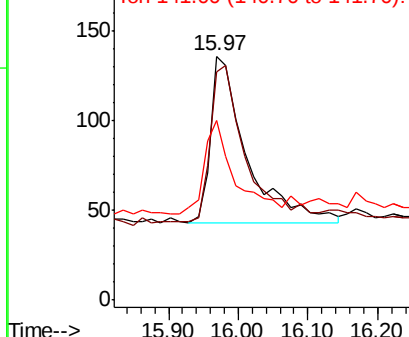


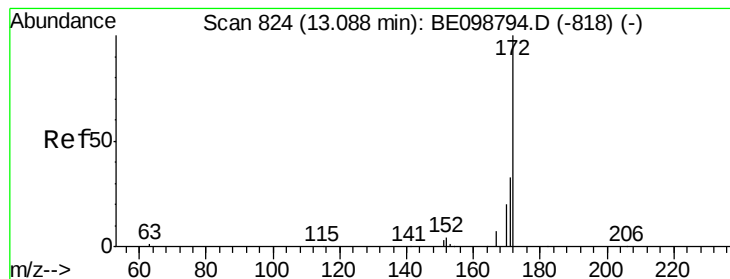
#14
 2,4,6-Tribromophenol
 Concen: 0.296 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE099005.D
 Acq: 18 Mar 2019 17:47

Tgt Ion:330 Resp: 342
 Ion Ratio Lower Upper
 330 100
 332 90.6 77.6 116.4
 141 46.8 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: 0.441 ng

RT: 13.09 min Scan# 824

Delta R.T. 0.00 min

Lab File: BE099005.D

Acq: 18 Mar 2019 17:47

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW309I-20190313

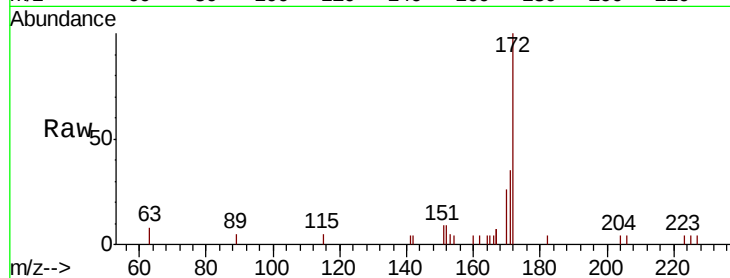
Tgt Ion:172 Resp: 4176

Ion Ratio Lower Upper

172 100

171 34.9 28.0 42.0

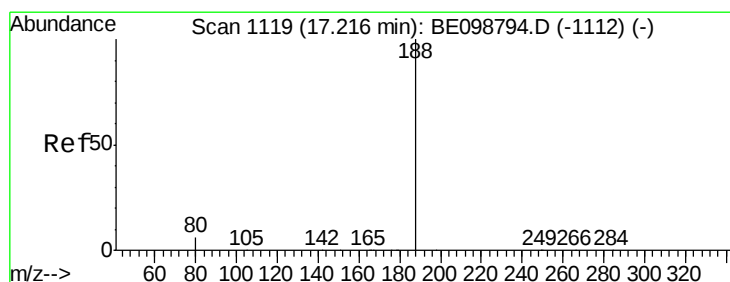
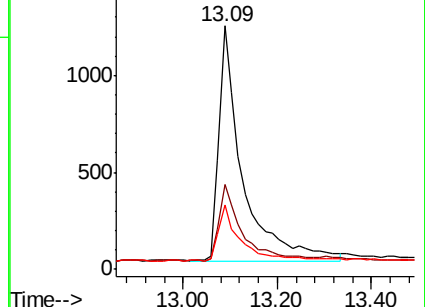
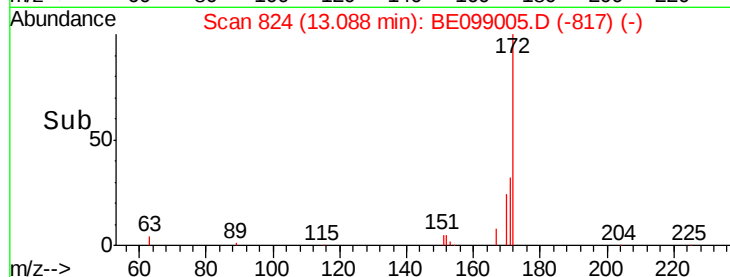
170 26.3 17.7 26.5



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: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE099005.D

Acq: 18 Mar 2019 17:47

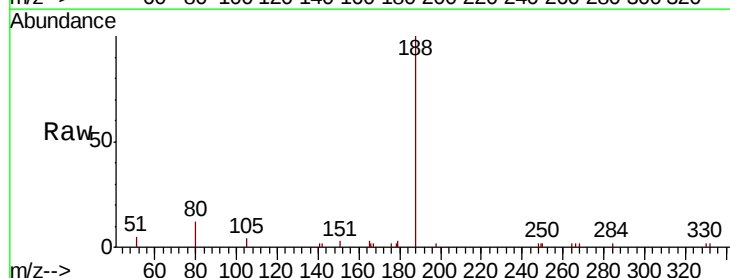
Tgt Ion:188 Resp: 5131

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

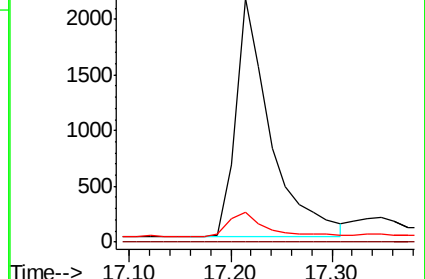
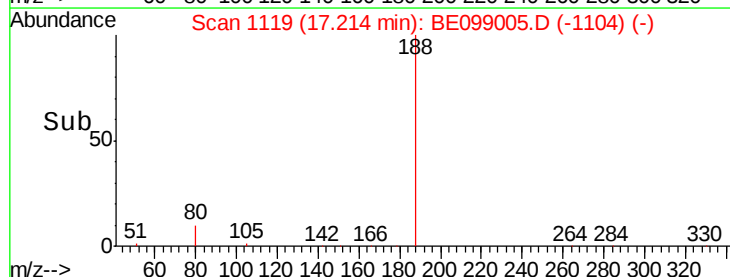
80 12.0 6.3 9.5#

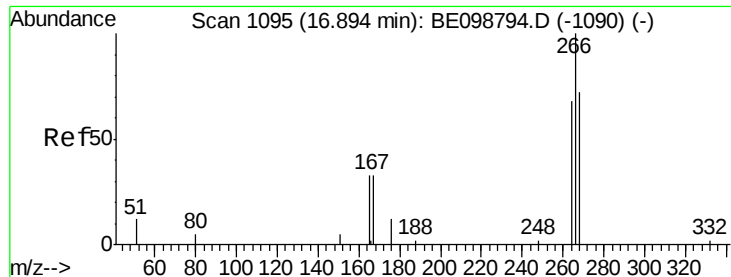


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#22

Pentachlorophenol

Concen: 0.270 ng

RT: 16.91 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BE099005.D

Acq: 18 Mar 2019 17:47

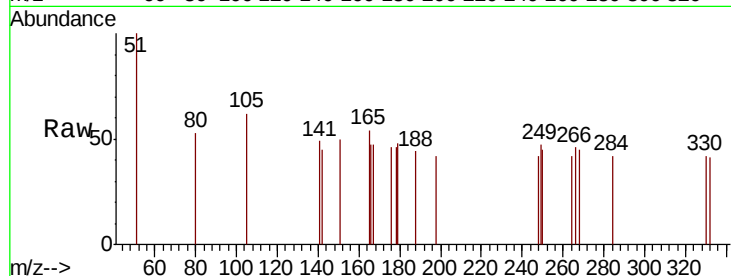
Instrument :

BNA_E

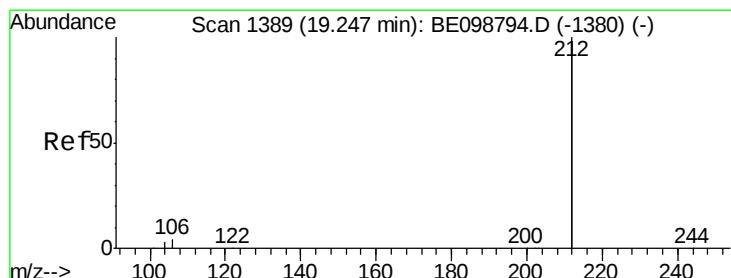
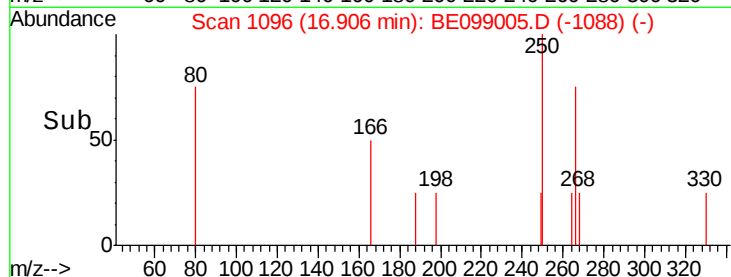
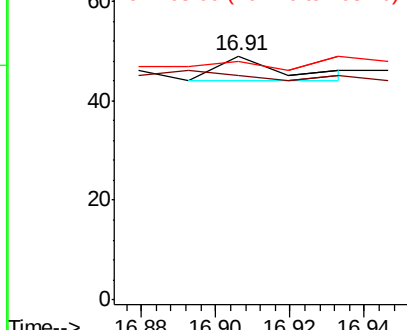
ClientSampleId :

BPS1-TT-MW309I-20190313

Tgt Ion:	266	Resp:	6
Ion	Ratio	Lower	Upper
266	100		
264	91.8	66.6	100.0
268	98.0	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: 0.408 ng

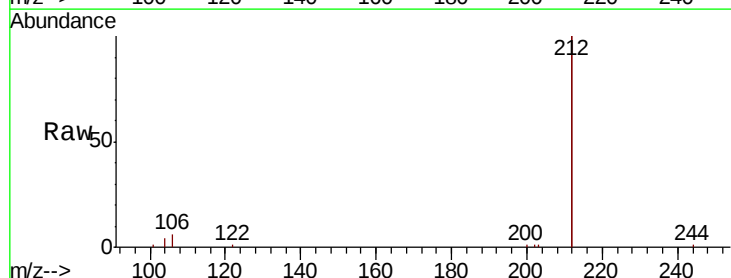
RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

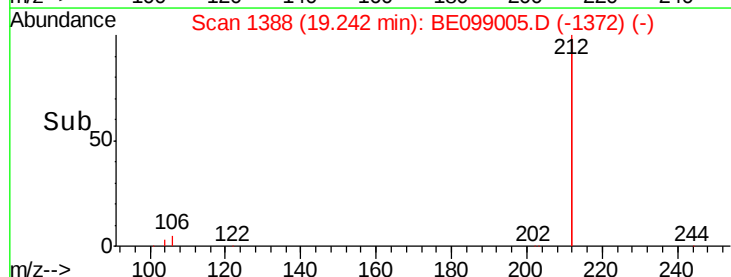
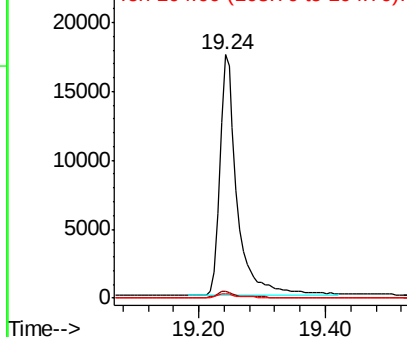
Lab File: BE099005.D

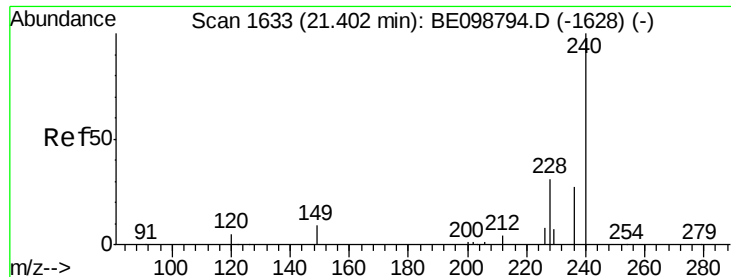
Acq: 18 Mar 2019 17:47

Tgt Ion:	212	Resp:	33374
Ion	Ratio	Lower	Upper
212	100		
106	2.4	1.8	2.8
104	1.5	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

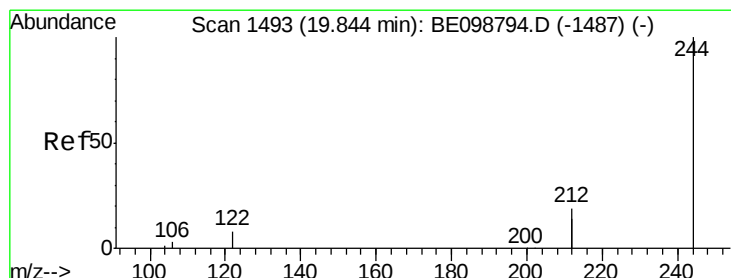
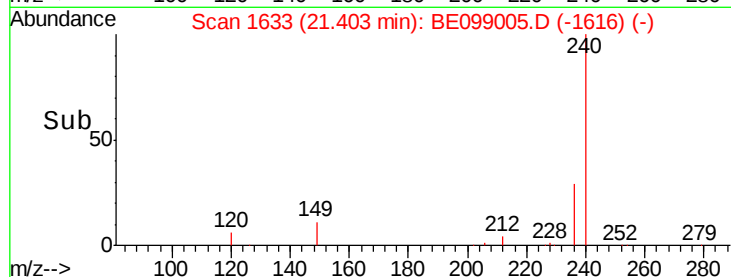
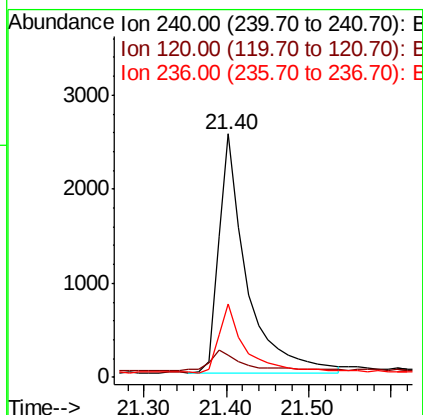
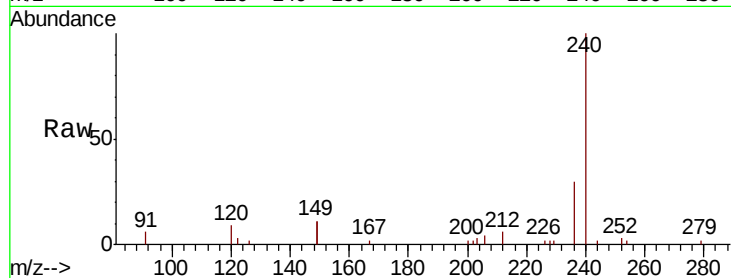




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE099005.D
Acq: 18 Mar 2019 17:47

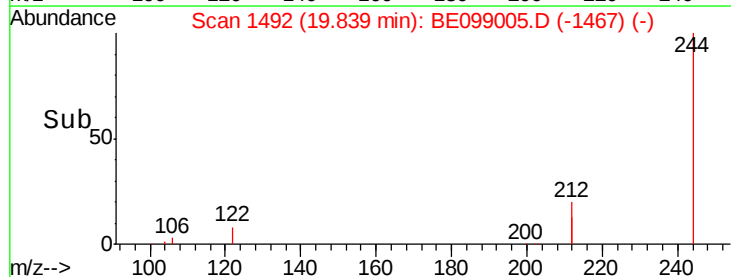
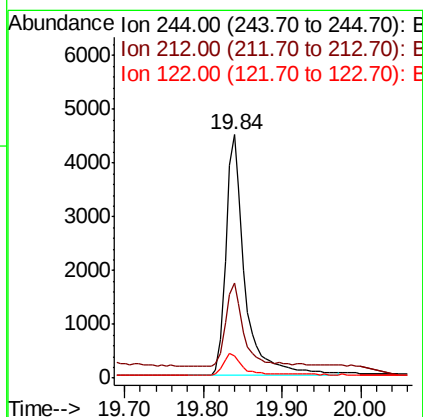
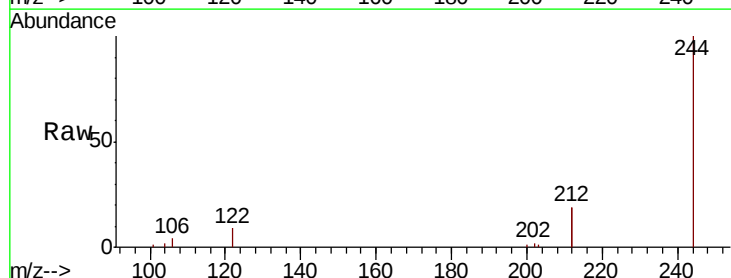
Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW309I-20190313

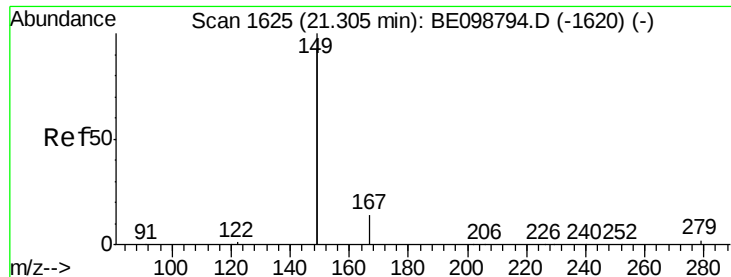
Tgt Ion:240 Resp: 5983
Ion Ratio Lower Upper
240 100
120 8.8 5.0 7.4#
236 30.0 22.7 34.1



#29
Terphenyl-d14
Concen: 0.519 ng
RT: 19.84 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BE099005.D
Acq: 18 Mar 2019 17:47

Tgt Ion:244 Resp: 7541
Ion Ratio Lower Upper
244 100
212 38.8 29.4 44.2
122 8.9 7.1 10.7

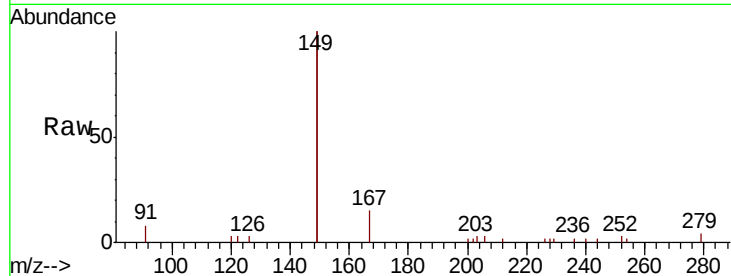




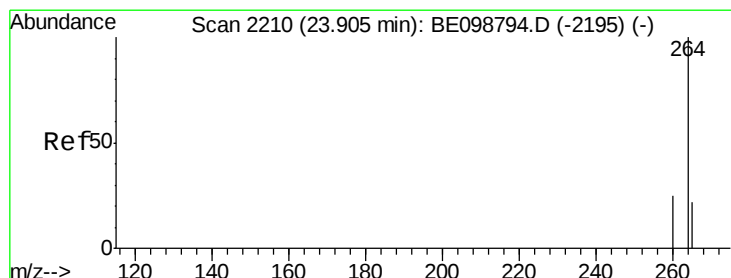
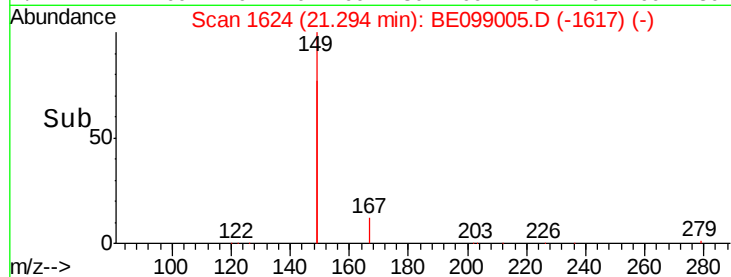
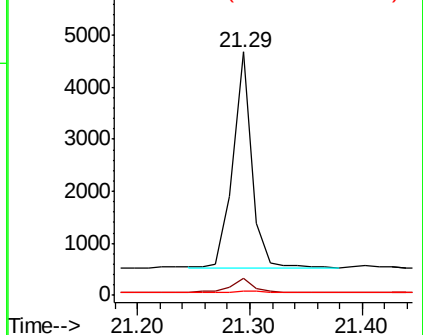
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.124 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BE099005.D
 Acq: 18 Mar 2019 17:47

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW309I-20190313

Tgt Ion:149 Resp: 4915
 Ion Ratio Lower Upper
 149 100
 167 7.2 5.4 8.0
 279 1.3 1.0 1.4

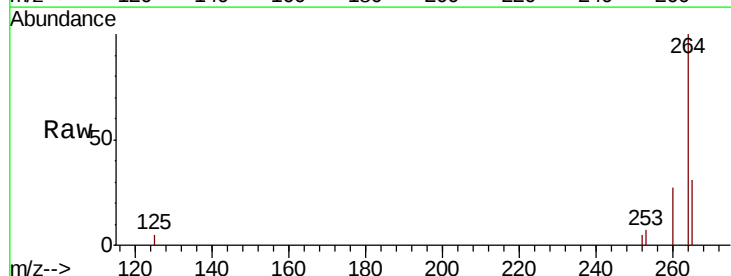


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.90 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: BE099005.D
 Acq: 18 Mar 2019 17:47

Tgt Ion:264 Resp: 5368
 Ion Ratio Lower Upper
 264 100
 260 27.0 21.2 31.8
 265 31.1 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

