

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121018\
 Data File : BE098320.D
 Acq On : 11 Dec 2018 5:17
 Operator : SJ/JU
 Sample : J6250-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW307I-20181204

Quant Time: Dec 11 07:22:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 14:59:55 2018
 Response via : Initial Calibration

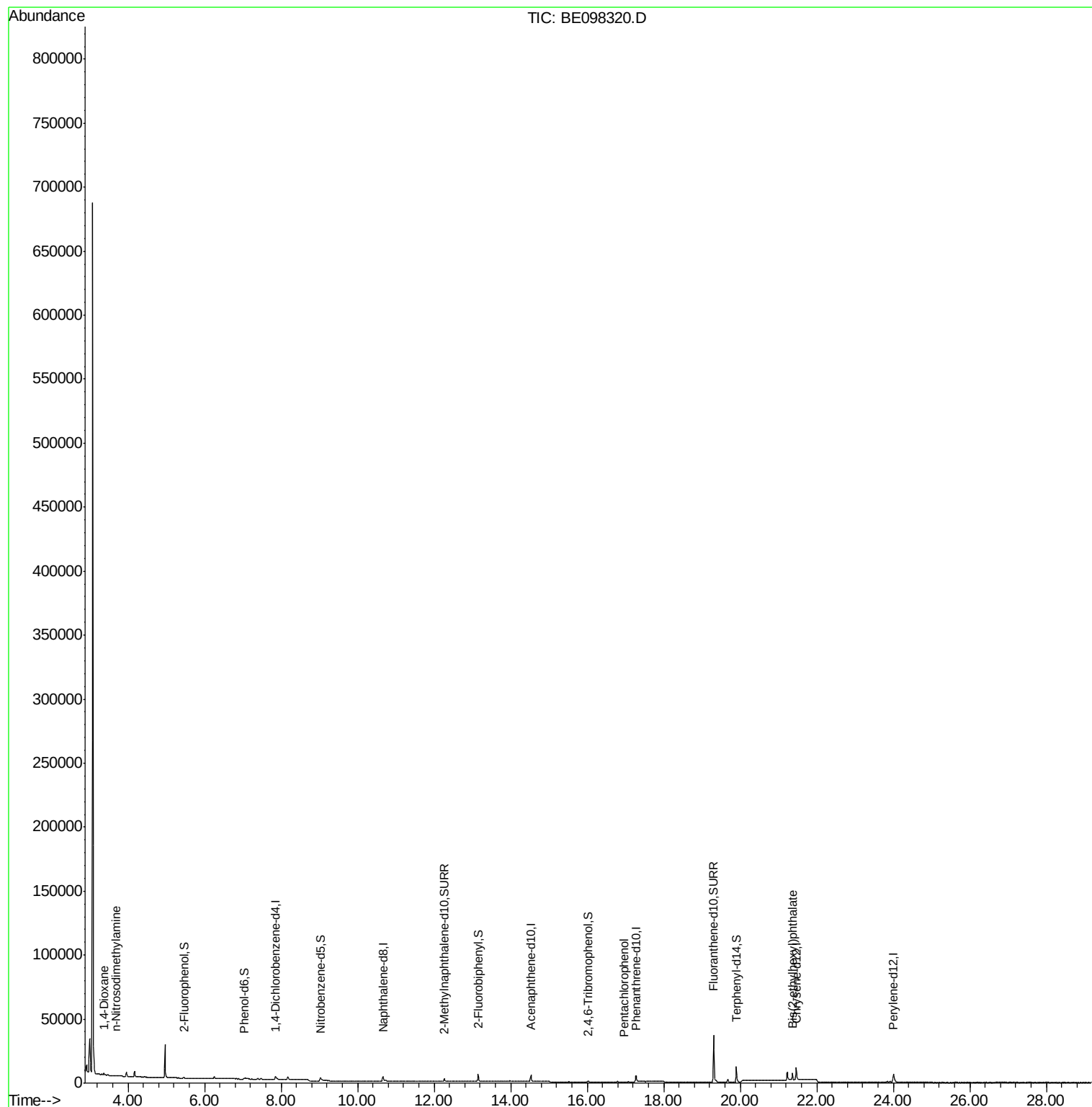
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1295	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	5406	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3530	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	8789	0.40	ng	0.00
27) Chrysene-d12	21.46	240	11577	0.40	ng	0.00
34) Perylene-d12	24.01	264	11054	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	537	0.18	ng	0.01
5) Phenol-d6	7.05	99	491	0.11	ng	0.00
8) Nitrobenzene-d5	9.03	82	1836	0.37	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	3561	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	492	0.38	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	7293	0.49	ng	0.00
25) Fluoranthene-d10	19.31	212	56640	0.50	ng	0.00
29) Terphenyl-d14	19.90	244	11711	0.42	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.37	88	788	0.352	ng	Qvalue # 78
3) n-Nitrosodimethylamine	3.68	42	46	0.023	ng	# 100
22) Pentachlorophenol	16.95	266	27	0.051	ng	# 77
32) Bis(2-ethylhexyl)phthalate	21.37	149	6083	0.091	ng	99

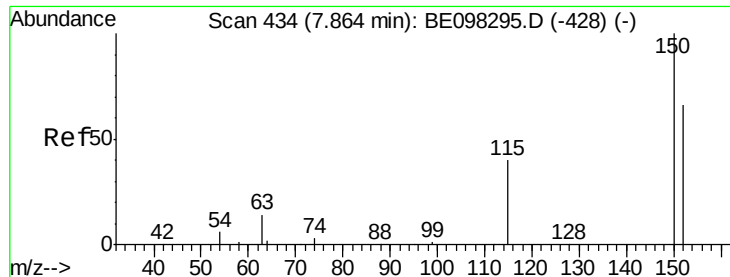
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. 0.00 min

Lab File: BE098320.D

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Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW307I-20181204

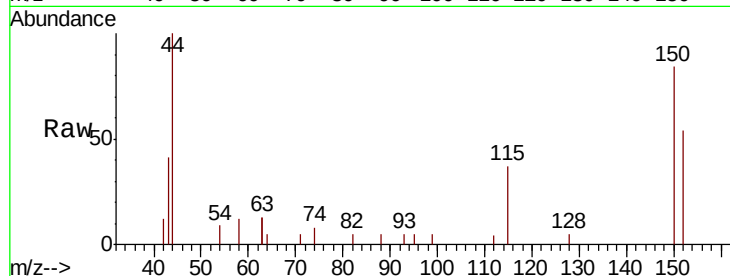
Tgt Ion:152 Resp: 1295

Ion Ratio Lower Upper

152 100

150 155.4 124.2 186.4

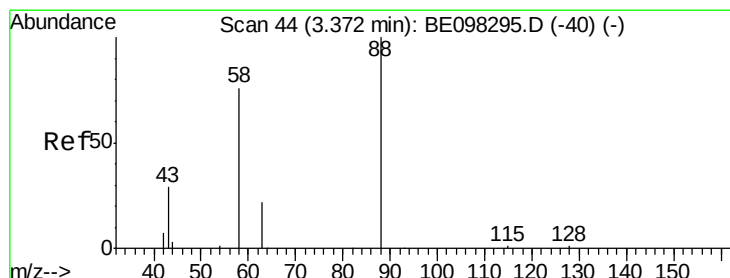
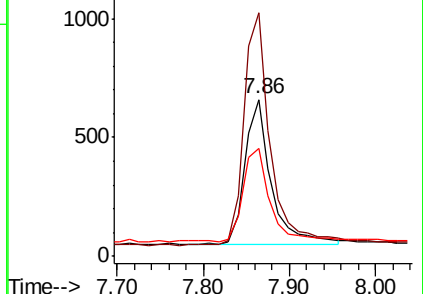
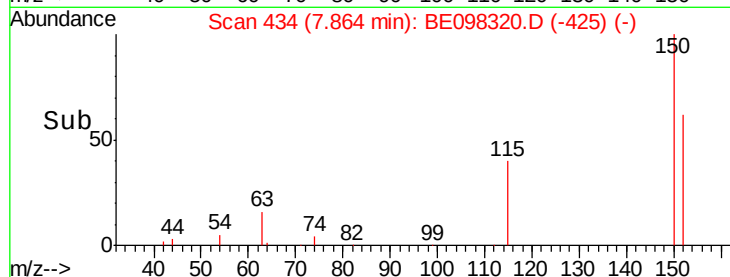
115 68.6 53.9 80.9



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: 0.352 ng

RT: 3.37 min Scan# 44

Delta R.T. 0.00 min

Lab File: BE098320.D

Acq: 11 Dec 2018 5:17

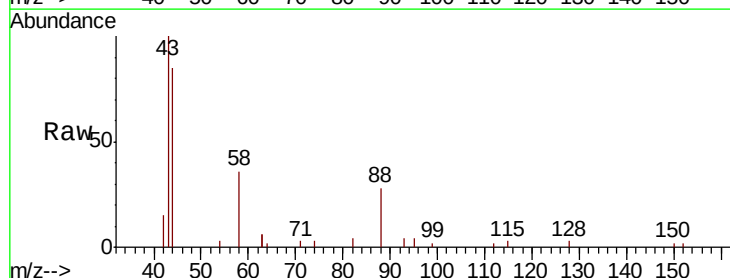
Tgt Ion: 88 Resp: 788

Ion Ratio Lower Upper

88 100

58 91.2 75.0 112.6

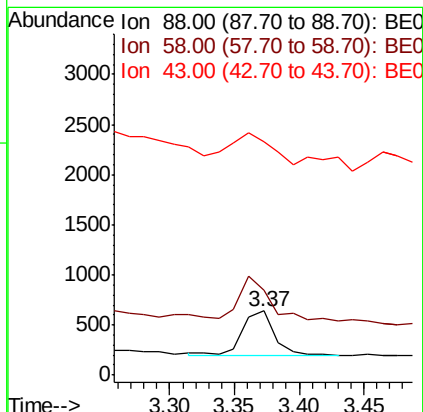
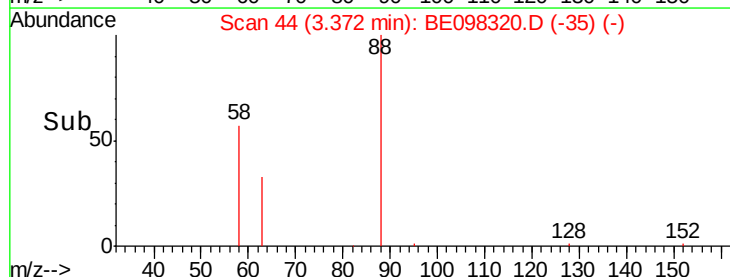
43 87.9 38.3 57.5#

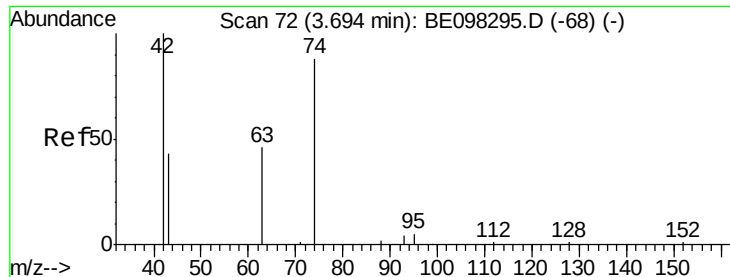


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



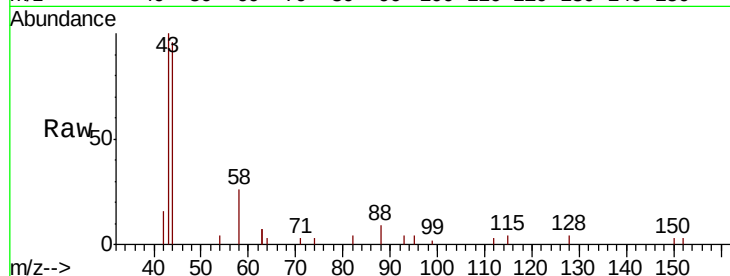


#3

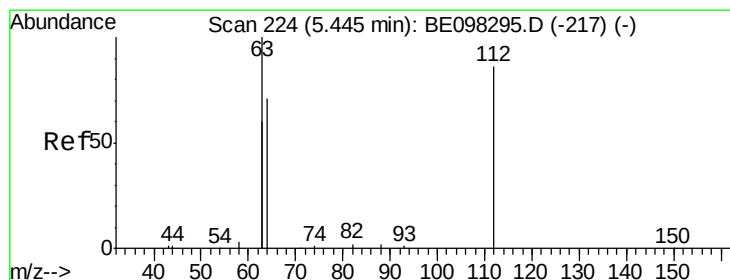
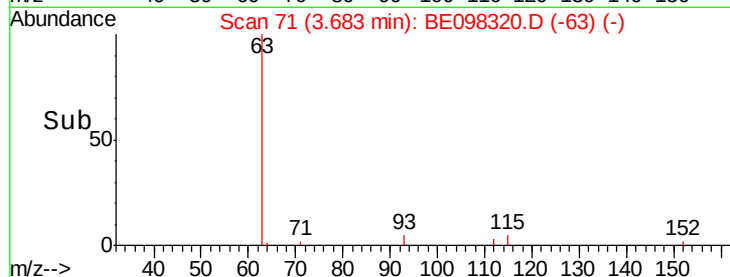
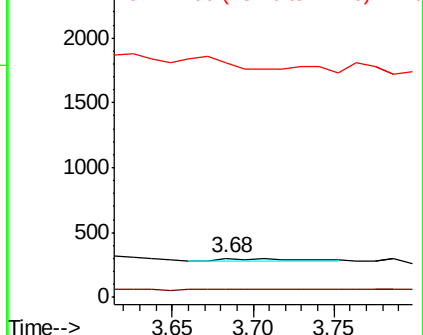
n-Nitrosodimethylamine
 Concen: 0.023 ng
 RT: 3.68 min Scan# 71
 Delta R.T. -0.01 min
 Lab File: BE098320.D
 Acq: 11 Dec 2018 5:17

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW307I-20181204

Tgt Ion:	42	Resp:	46
Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	0.0	0.0	0.0



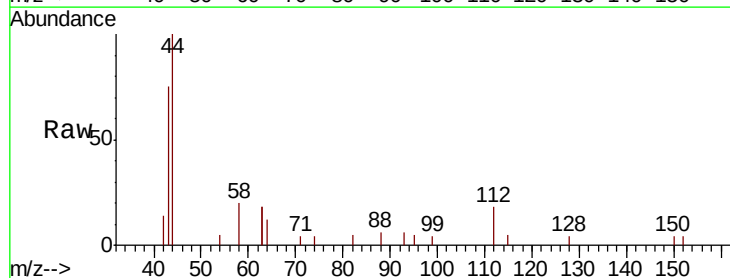
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



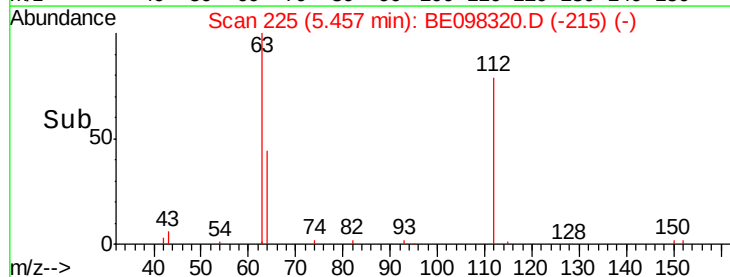
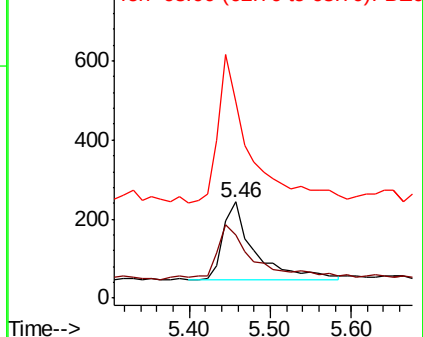
#4

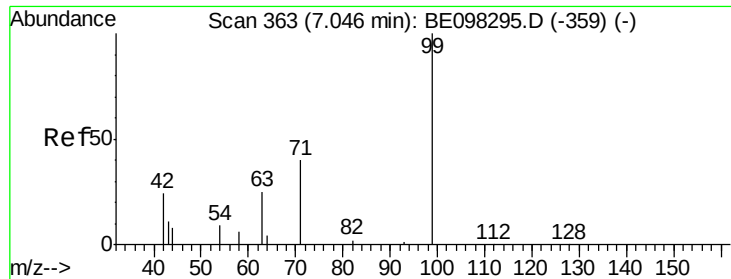
2-Fluorophenol
 Concen: 0.177 ng
 RT: 5.46 min Scan# 225
 Delta R.T. 0.01 min
 Lab File: BE098320.D
 Acq: 11 Dec 2018 5:17

Tgt Ion:	112	Resp:	537
Ion	Ratio	Lower	Upper
112	100		
64	85.7	59.8	89.8
63	185.3	133.7	200.5



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: 0.114 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE098320.D

Acq: 11 Dec 2018 5:17

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW307I-20181204

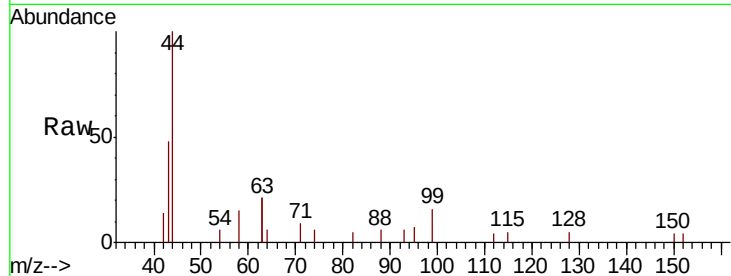
Tgt Ion: 99 Resp: 491

Ion Ratio Lower Upper

99 100

42 38.1 26.3 39.5

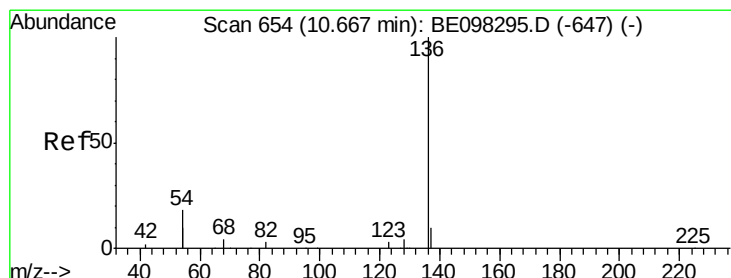
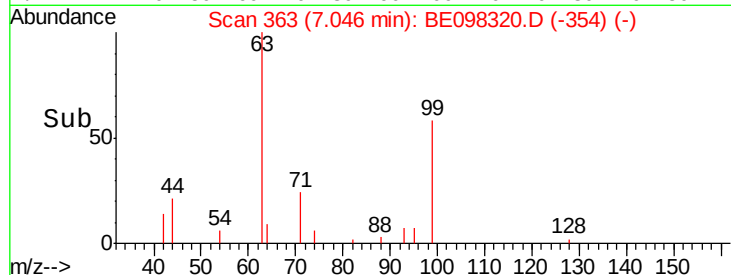
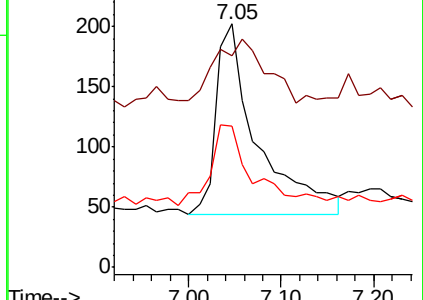
71 0.0 33.6 50.4#



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: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098320.D

Acq: 11 Dec 2018 5:17

Tgt Ion: 136 Resp: 5406

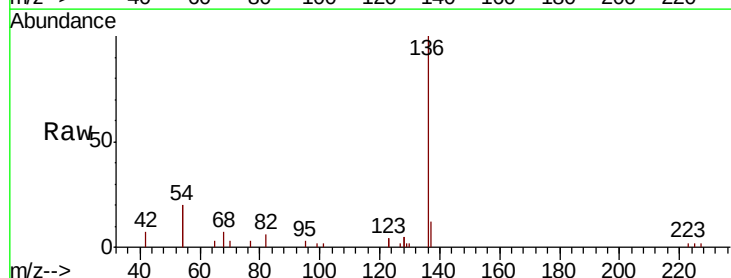
Ion Ratio Lower Upper

136 100

137 12.5 9.2 13.8

54 39.9 28.4 42.6

68 7.5 5.4 8.0

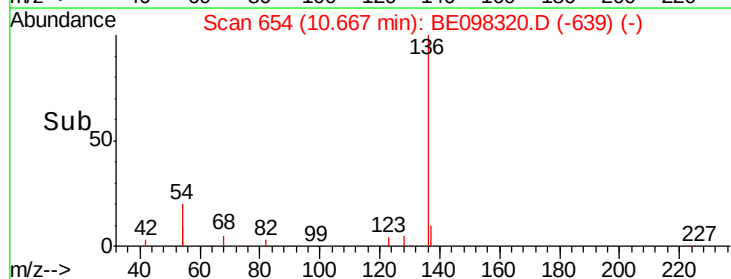
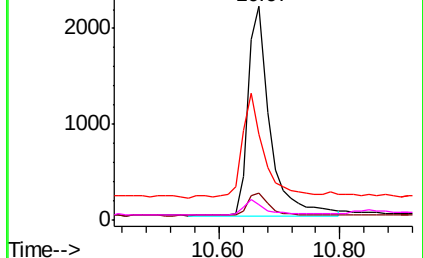


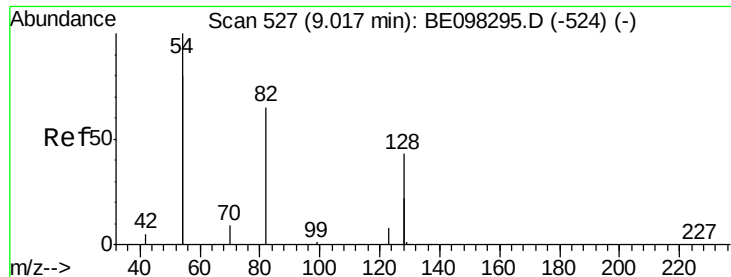
Abundance Ion 136.00 (135.70 to 136.70): E

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

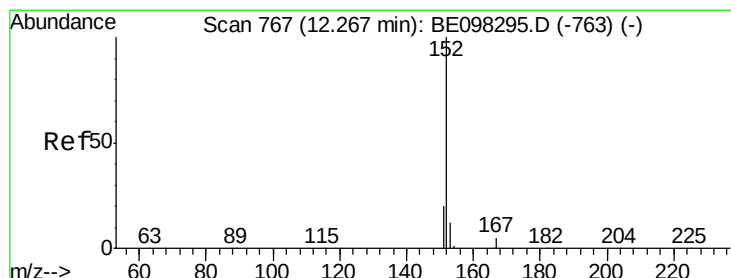
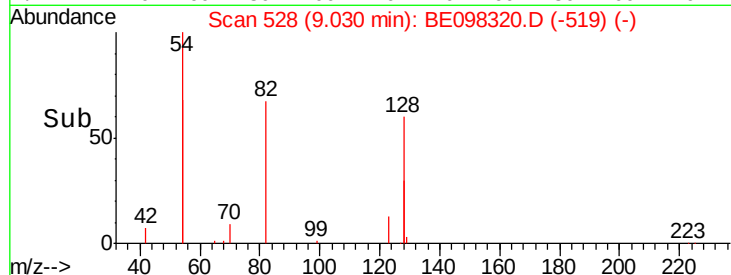
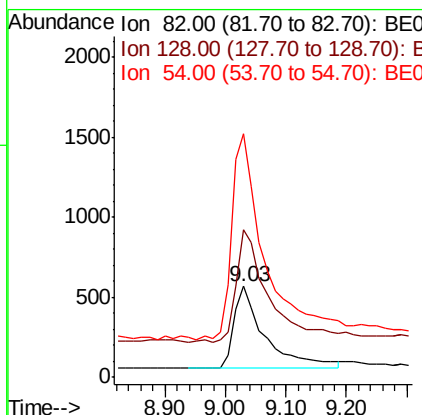
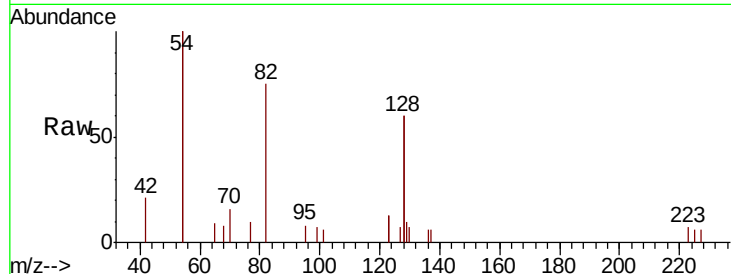




#8
 Nitrobenzene-d5
 Concen: 0.373 ng
 RT: 9.03 min Scan# 528
 Delta R.T. 0.01 min
 Lab File: BE098320.D
 Acq: 11 Dec 2018 5:17

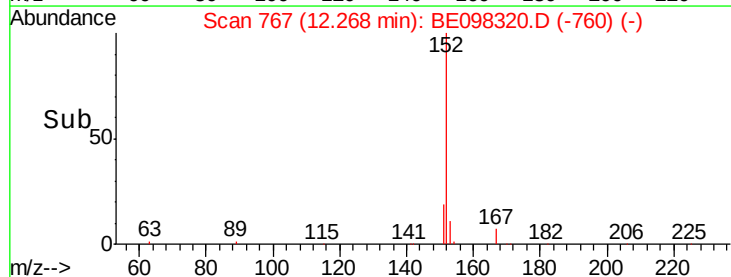
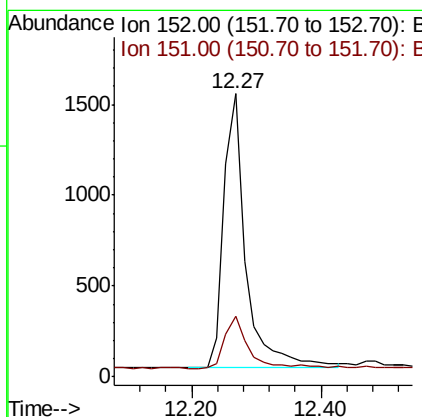
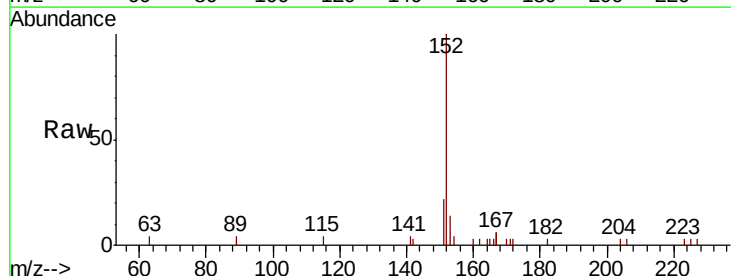
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW307I-20181204

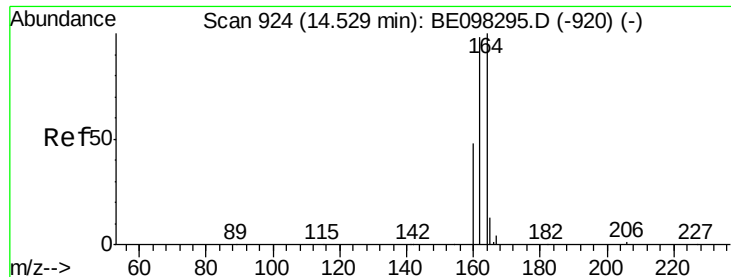
Tgt Ion	Resp	Lower	Upper
82	100		
128	162.0	102.4	153.6#
54	268.0	221.8	332.8



#11
 2-Methylnaphthalene-d10
 Concen: 0.405 ng
 RT: 12.27 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BE098320.D
 Acq: 11 Dec 2018 5:17

Tgt Ion	Resp	Lower	Upper
152	100		
151	20.2	16.2	24.4

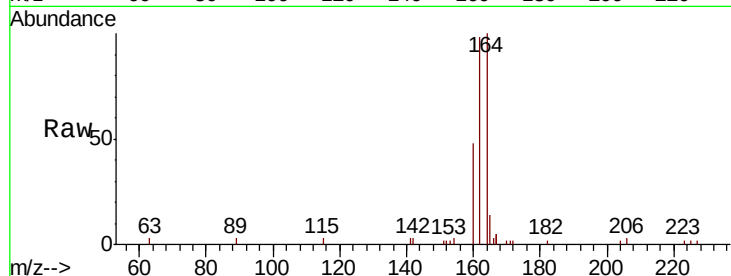




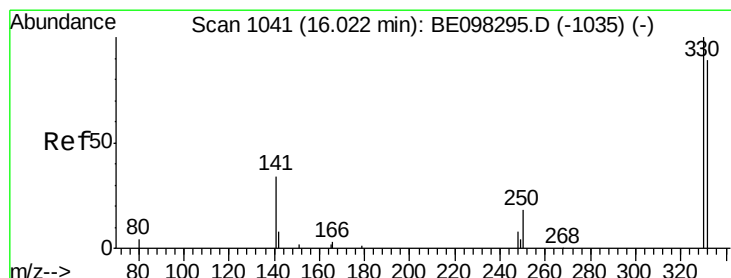
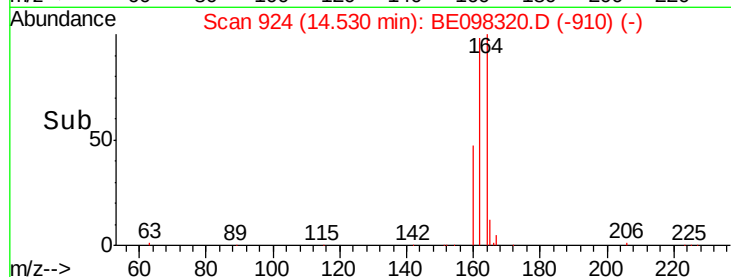
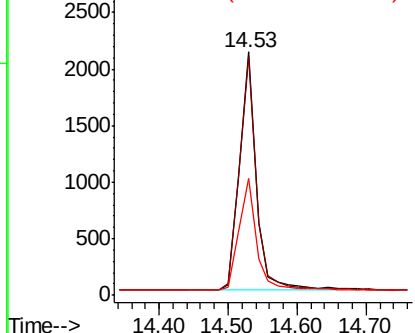
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BE098320.D
 Acq: 11 Dec 2018 5:17

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW307I-20181204

Tgt Ion:164 Resp: 3530
 Ion Ratio Lower Upper
 164 100
 162 97.8 77.6 116.4
 160 48.0 36.0 54.0

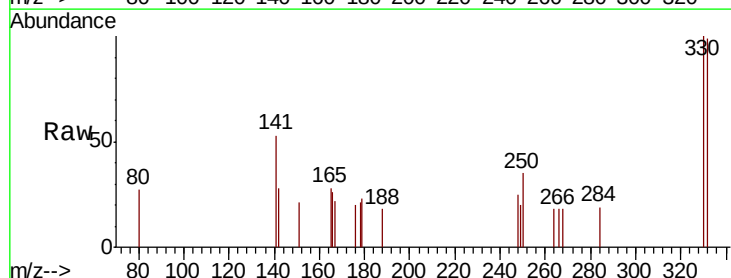


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

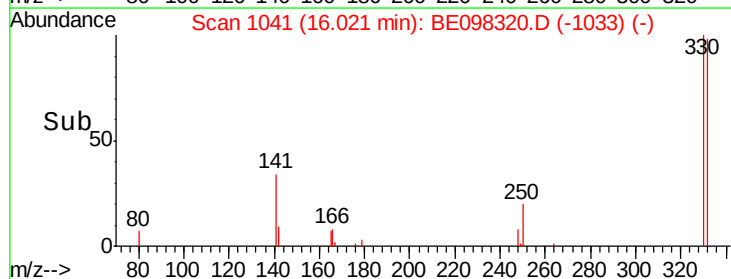
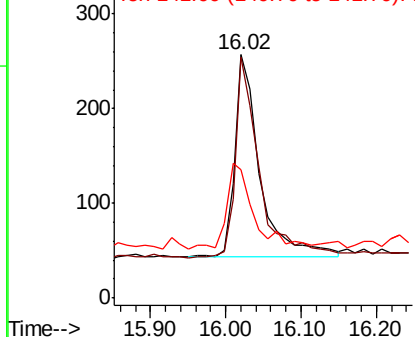


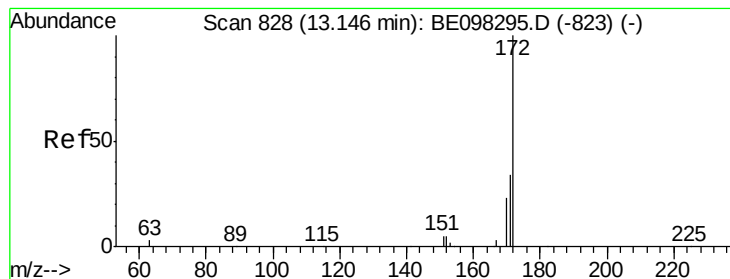
#14
 2,4,6-Tribromophenol
 Concen: 0.380 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BE098320.D
 Acq: 11 Dec 2018 5:17

Tgt Ion:330 Resp: 492
 Ion Ratio Lower Upper
 330 100
 332 99.4 76.2 114.4
 141 48.2 39.0 58.4



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

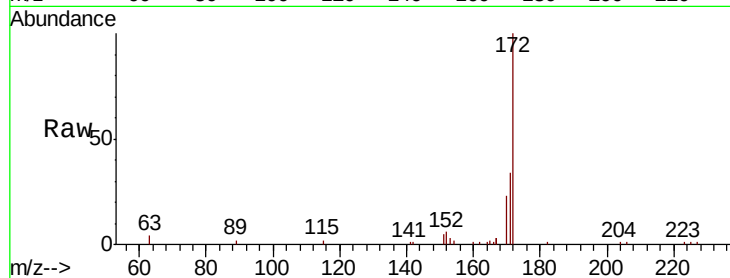




#15
2-Fluorobiphenyl
Concen: 0.490 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BE098320.D
Acq: 11 Dec 2018 5:17

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW307I-20181204

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.6	27.5	41.3
170	22.7	19.6	29.4

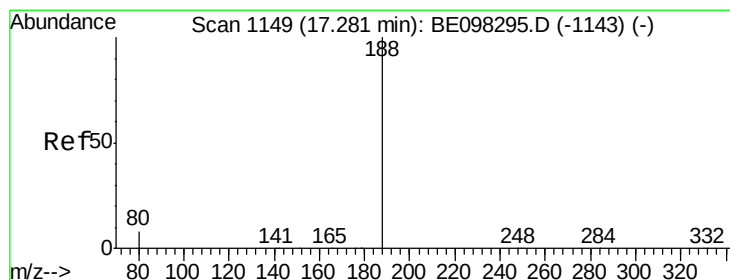
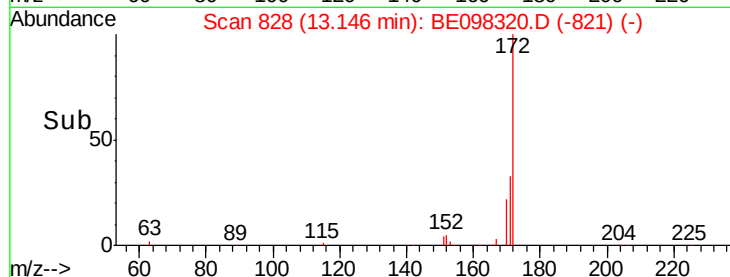
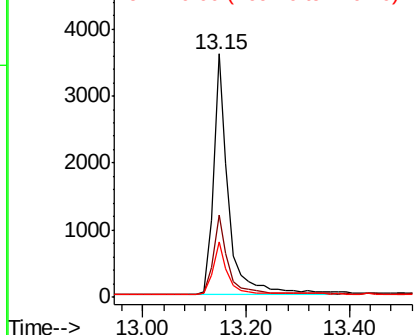


Abundance

Ion 172.00 (171.70 to 172.70): E

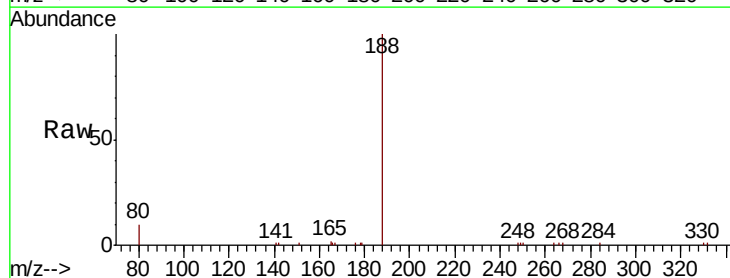
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BE098320.D
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Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.7	7.2	10.8

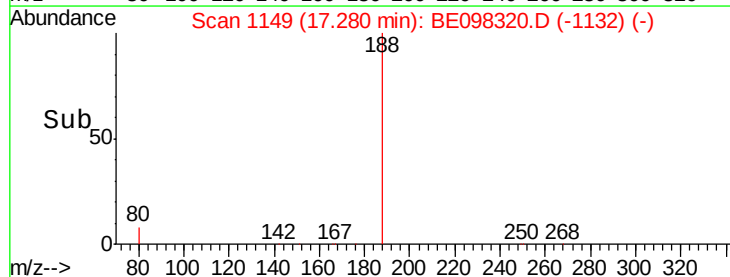
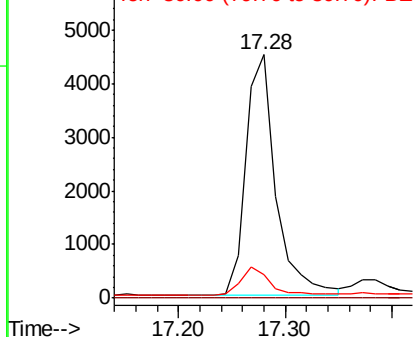


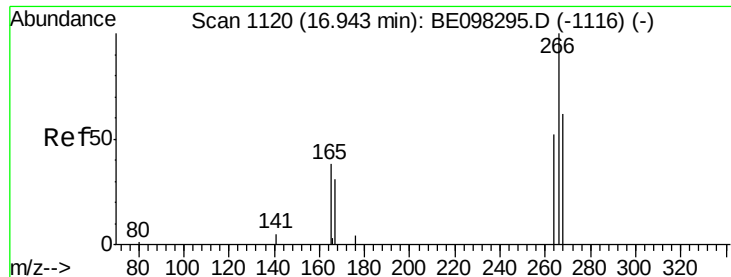
Abundance

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

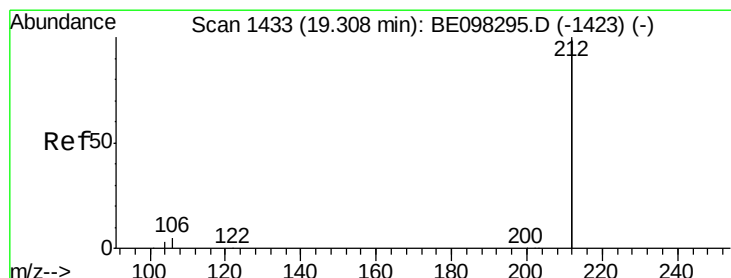
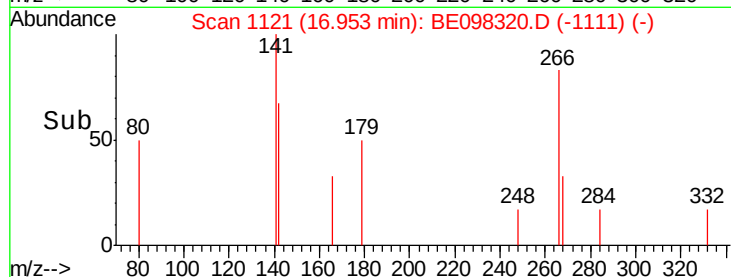
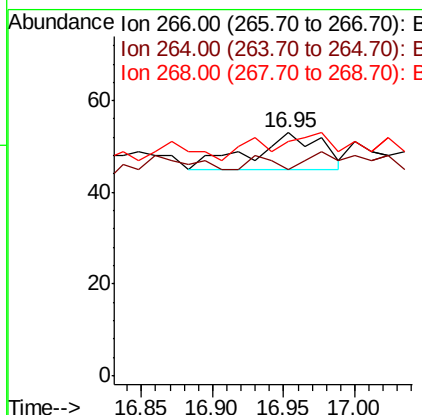
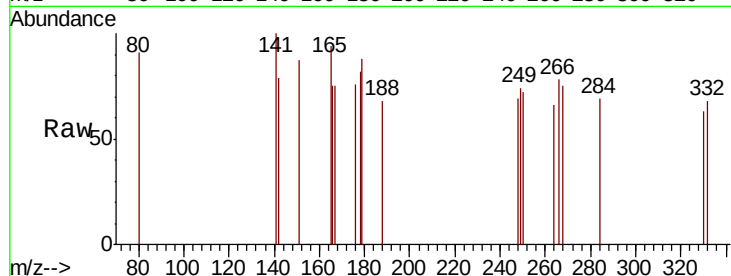




#22
 Pentachlorophenol
 Concen: 0.051 ng
 RT: 16.95 min Scan# 1121
 Delta R.T. 0.01 min
 Lab File: BE098320.D
 Acq: 11 Dec 2018 5:17

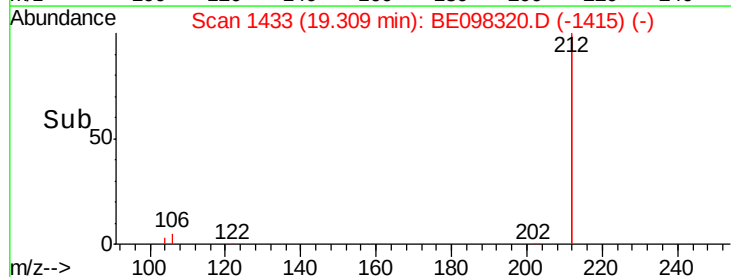
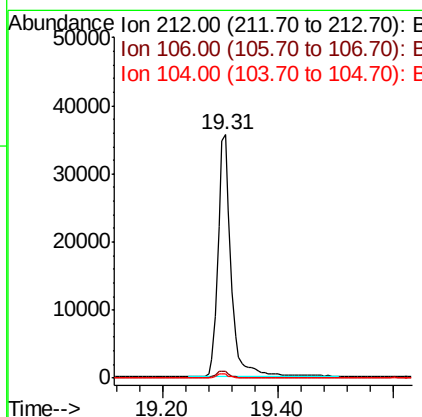
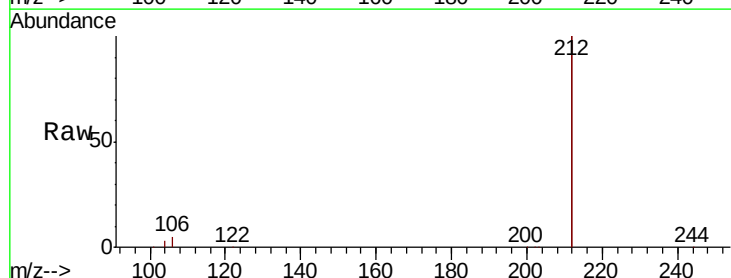
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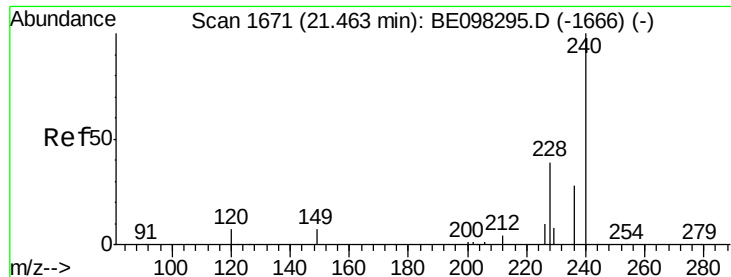
Tgt Ion: 266 Resp: 27
 Ion Ratio Lower Upper
 266 100
 264 84.9 59.0 88.4
 268 96.2 55.1 82.7#



#25
 Fluoranthene-d10
 Concen: 0.502 ng
 RT: 19.31 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BE098320.D
 Acq: 11 Dec 2018 5:17

Tgt Ion: 212 Resp: 56640
 Ion Ratio Lower Upper
 212 100
 106 2.6 2.2 3.2
 104 1.6 1.3 1.9

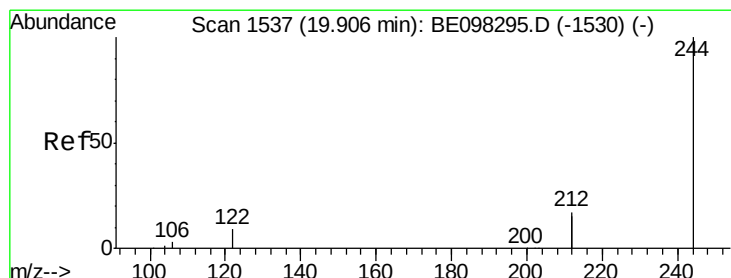
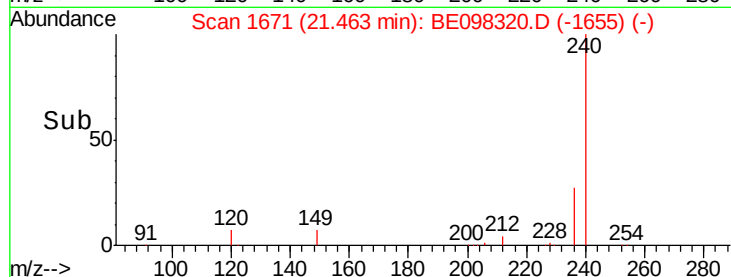
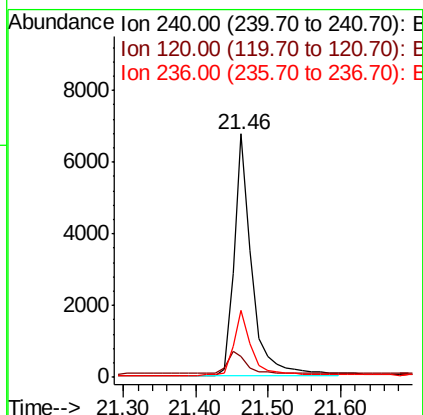
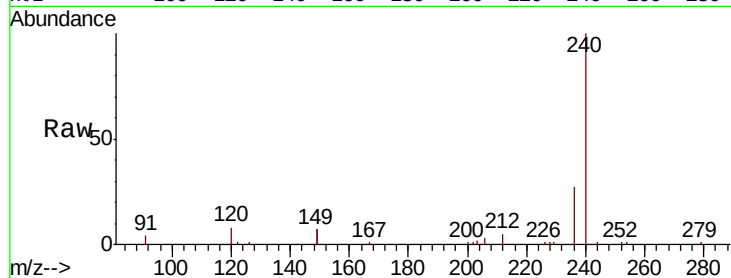




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.46 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: BE098320.D
 Acq: 11 Dec 2018 5:17

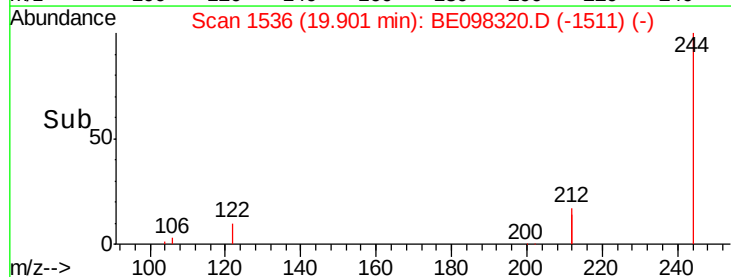
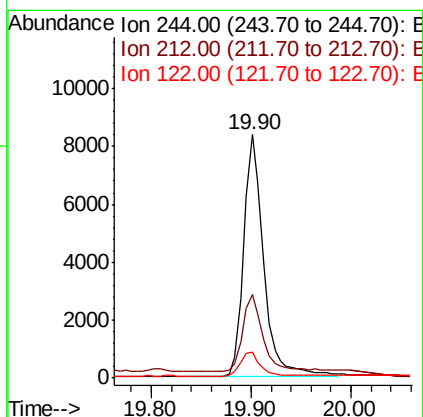
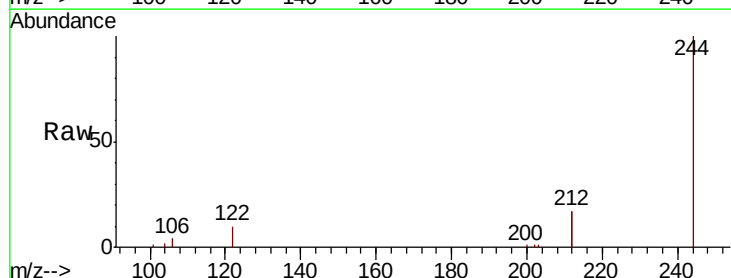
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW307I-20181204

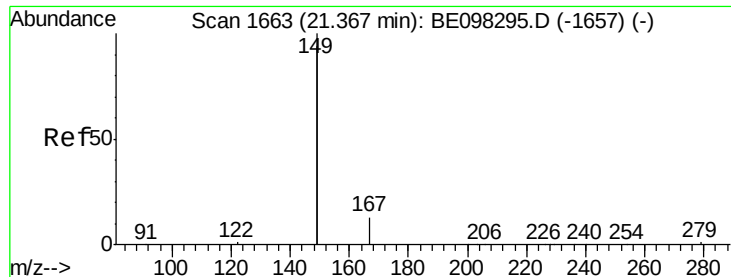
Tgt Ion:240 Resp: 11577
 Ion Ratio Lower Upper
 240 100
 120 8.4 9.5 14.3#
 236 27.3 22.7 34.1



#29
 Terphenyl-d14
 Concen: 0.416 ng
 RT: 19.90 min Scan# 1536
 Delta R.T. -0.01 min
 Lab File: BE098320.D
 Acq: 11 Dec 2018 5:17

Tgt Ion:244 Resp: 11711
 Ion Ratio Lower Upper
 244 100
 212 34.2 27.4 41.0
 122 10.4 8.3 12.5

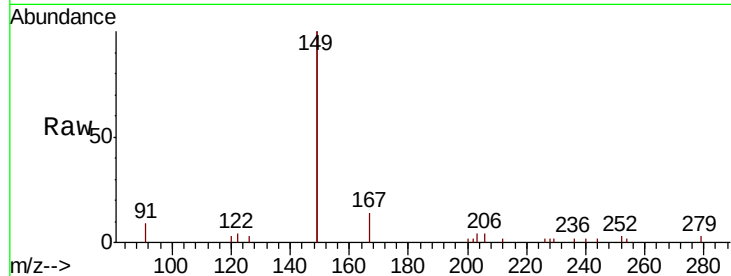




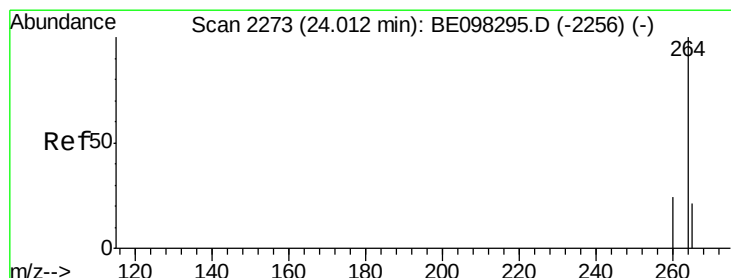
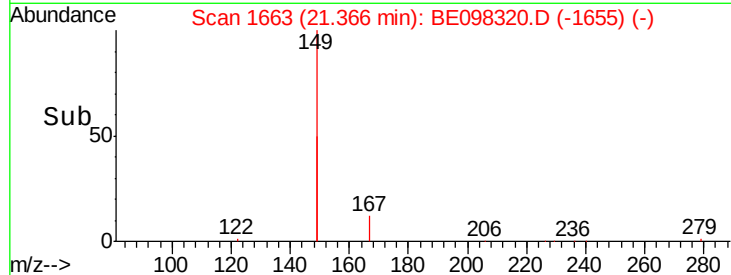
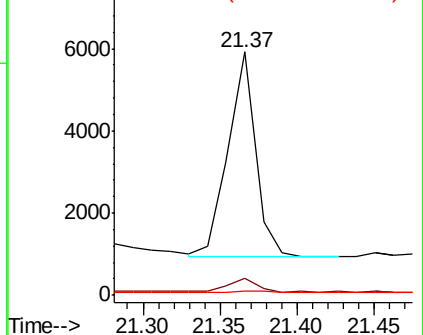
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.091 ng
 RT: 21.37 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: BE098320.D
 Acq: 11 Dec 2018 5:17

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW307I-20181204

Tgt Ion:149 Resp: 6083
 Ion Ratio Lower Upper
 149 100
 167 6.7 5.7 8.5
 279 1.3 1.0 1.4

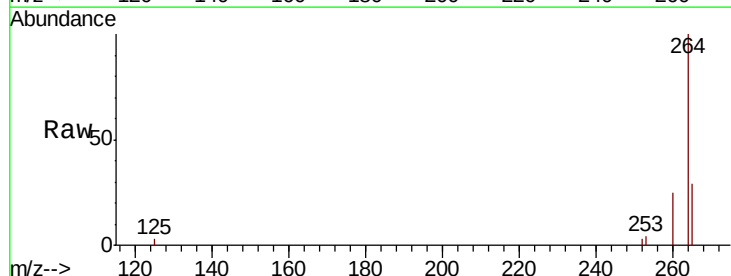


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.01 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: BE098320.D
 Acq: 11 Dec 2018 5:17

Tgt Ion:264 Resp: 11054
 Ion Ratio Lower Upper
 264 100
 260 25.4 20.2 30.2
 265 29.4 25.2 37.8



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

