

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121818\
 Data File : BE098517.D
 Acq On : 18 Dec 2018 17:49
 Operator : SJ/JU
 Sample : J6343-20
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW312S-20181210

Quant Time: Dec 19 00:02:20 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	7.85	152	788	0.40	ng	-0.01
7) Naphthalene-d8	10.65	136	3958	0.40	ng	-0.01
13) Acenaphthene-d10	14.51	164	2786	0.40	ng	-0.02
19) Phenanthrene-d10	17.27	188	6423	0.40	ng	-0.01
27) Chrysene-d12	21.45	240	7511	0.40	ng	-0.01
34) Perylene-d12	23.99	264	6978	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.45	112	473	0.26	ng	0.00
5) Phenol-d6	7.03	99	478	0.18	ng	-0.01
8) Nitrobenzene-d5	9.03	82	1327	0.37	ng	0.01
11) 2-Methylnaphthalene-d10	12.25	152	3306	0.51	ng	-0.02
14) 2,4,6-Tribromophenol	16.01	330	640	0.63	ng	-0.01
15) 2-Fluorobiphenyl	13.13	172	6273	0.53	ng	-0.02
25) Fluoranthene-d10	19.30	212	39900	0.48	ng	-0.01
29) Terphenyl-d14	19.89	244	9929	0.54	ng	-0.02

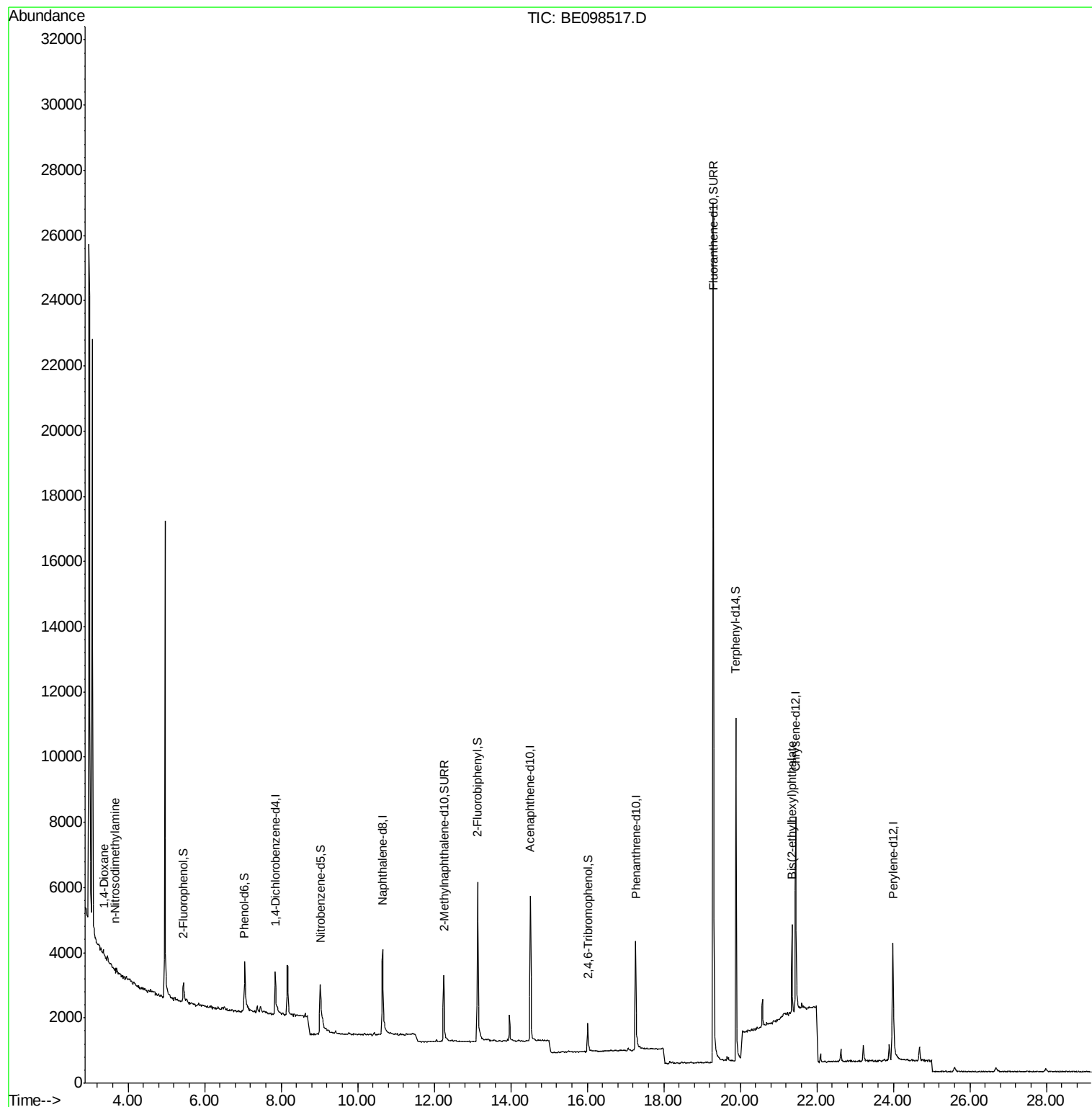
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.36	88	72	0.053	ng	# 36
3) n-Nitrosodimethylamine	3.67	42	39	0.032	ng	# 100
32) Bis(2-ethylhexyl)phthalate	21.35	149	3232	0.074	ng	# 98

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

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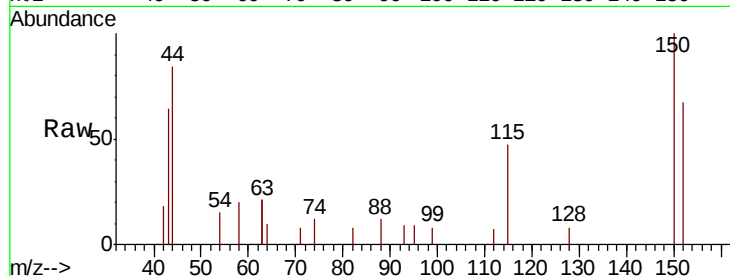


#1

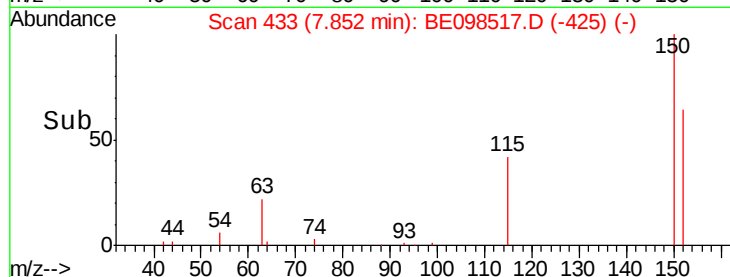
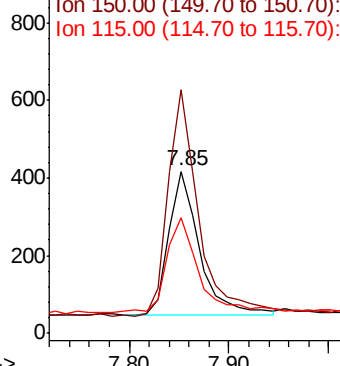
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. -0.01 min
Lab File: BE098517.D
Acq: 18 Dec 2018 17:49

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW312S-20181210

Tgt Ion: 152 Resp: 788
Ion Ratio Lower Upper
152 100
150 150.0 124.2 186.4
115 71.1 53.9 80.9



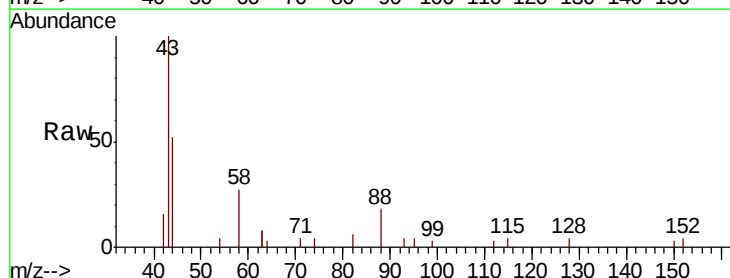
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



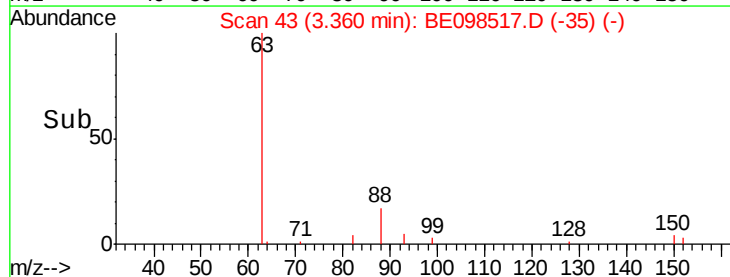
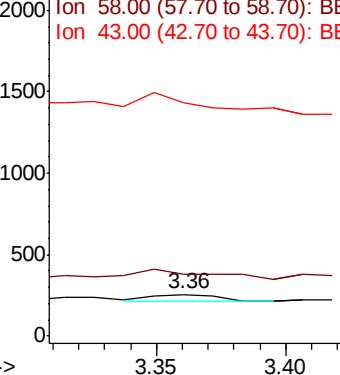
#2

1,4-Dioxane
Concen: 0.053 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE098517.D
Acq: 18 Dec 2018 17:49

Tgt Ion: 88 Resp: 72
Ion Ratio Lower Upper
88 100
58 151.4 75.0 112.6#
43 0.0 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



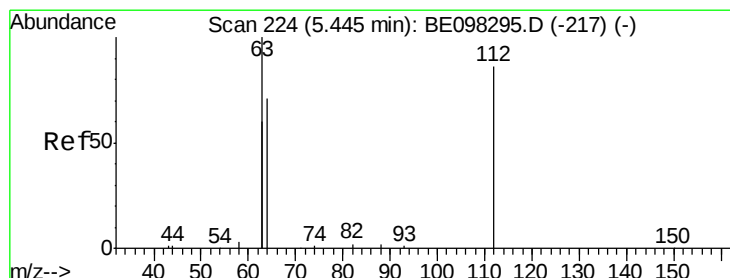
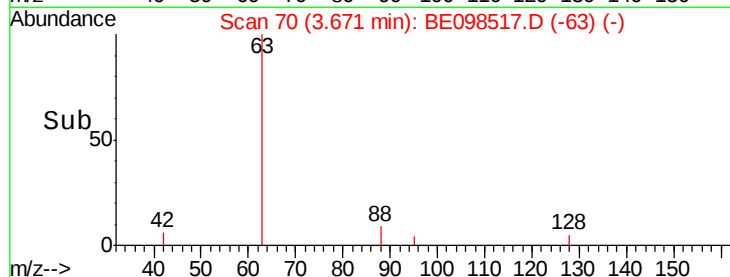
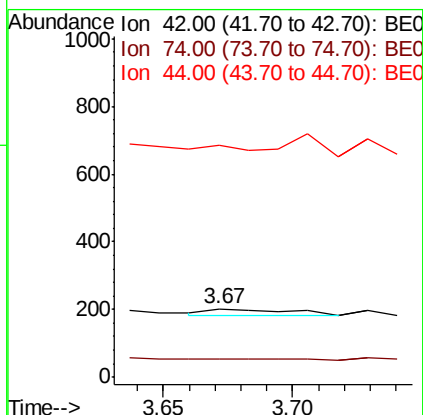
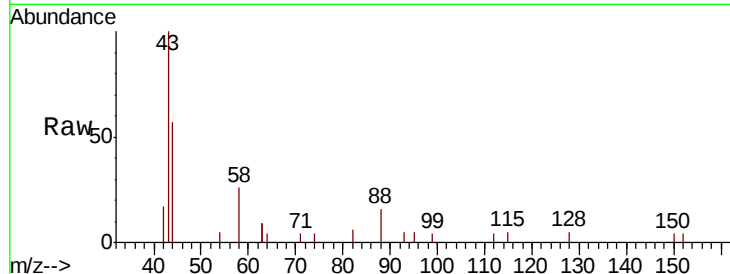


#3

n-Nitrosodimethylamine
 Concen: 0.032 ng
 RT: 3.67 min Scan# 70
 Delta R.T. -0.02 min
 Lab File: BE098517.D
 Acq: 18 Dec 2018 17:49

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW312S-20181210

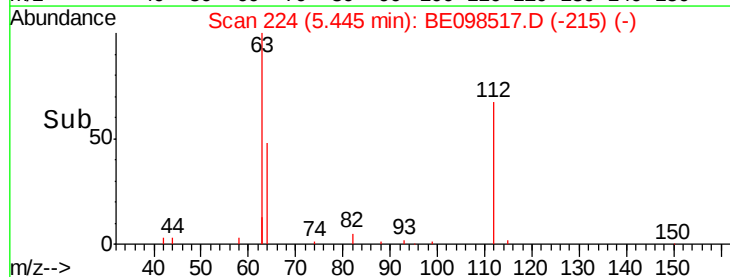
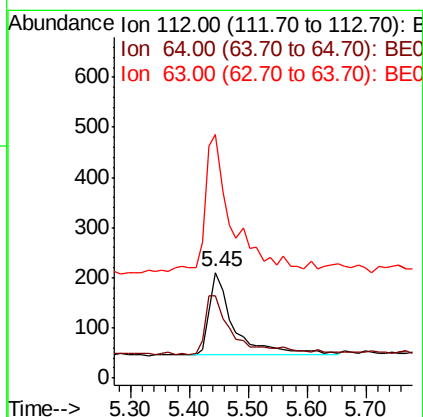
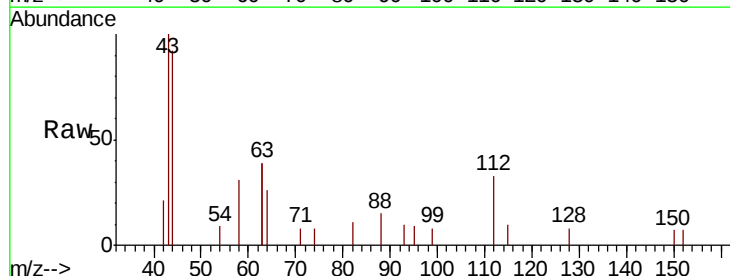
Tgt Ion:	42	Resp:	39
Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	0.0	0.0	0.0



#4

2-Fluorophenol
 Concen: 0.256 ng
 RT: 5.45 min Scan# 224
 Delta R.T. 0.00 min
 Lab File: BE098517.D
 Acq: 18 Dec 2018 17:49

Tgt Ion:	112	Resp:	473
Ion	Ratio	Lower	Upper
112	100		
64	81.6	59.8	89.8
63	180.5	133.7	200.5





#5

Phenol-d6

Concen: 0.183 ng

RT: 7.03 min Scan# 362

Delta R.T. -0.01 min

Lab File: BE098517.D

Acq: 18 Dec 2018 17:49

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW312S-20181210

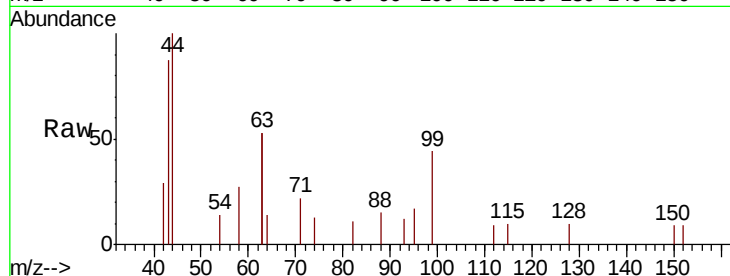
Tgt Ion: 99 Resp: 478

Ion Ratio Lower Upper

99 100

42 61.9 26.3 39.5#

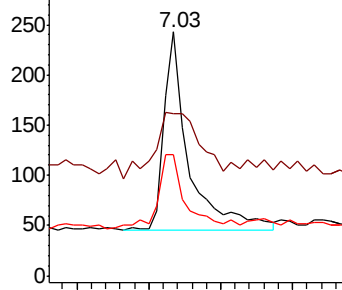
71 37.4 33.6 50.4



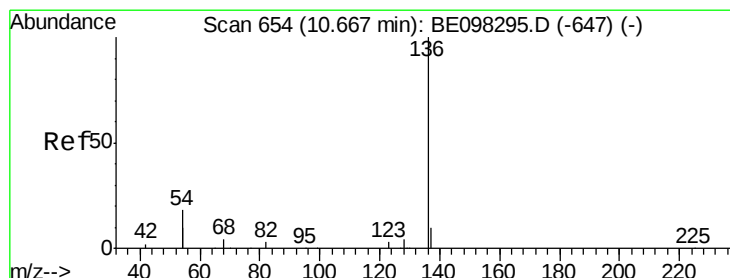
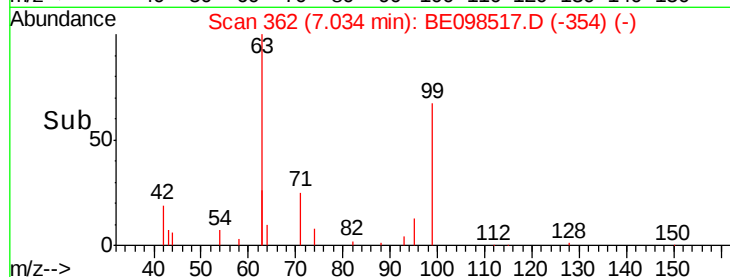
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE098517.D

Acq: 18 Dec 2018 17:49

Tgt Ion: 136 Resp: 3958

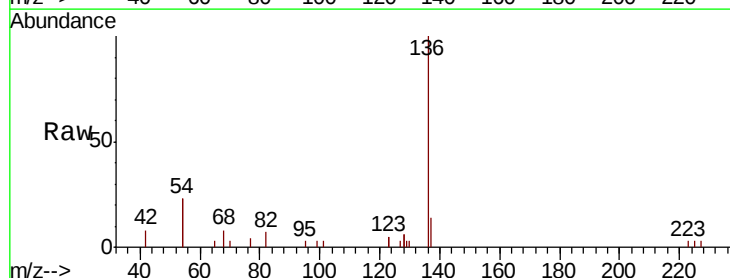
Ion Ratio Lower Upper

136 100

137 13.6 9.2 13.8

54 45.2 28.4 42.6#

68 7.7 5.4 8.0

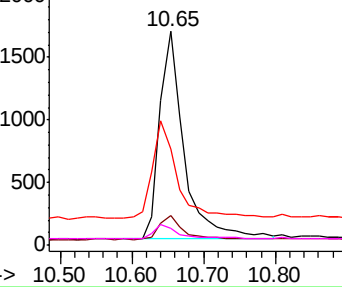


Abundance Ion 136.00 (135.70 to 136.70): E

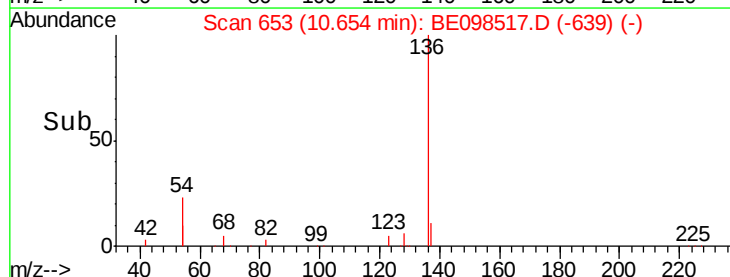
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->

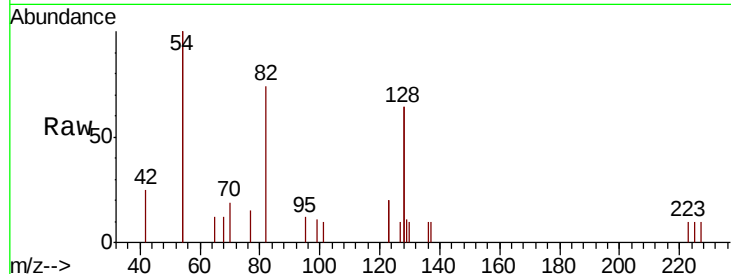




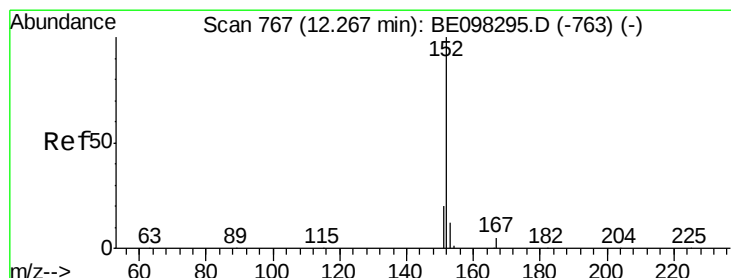
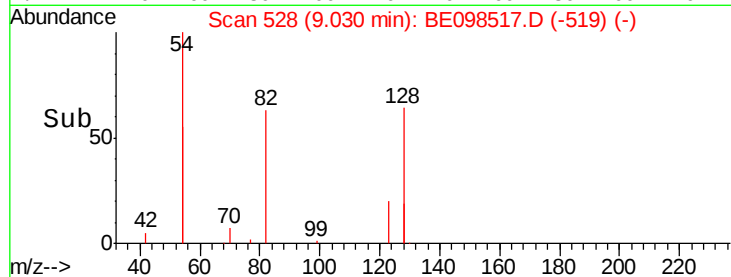
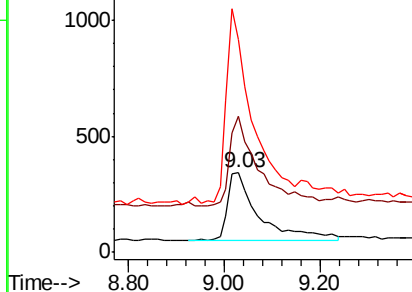
#8
 Nitrobenzene-d5
 Concen: 0.368 ng
 RT: 9.03 min Scan# 528
 Delta R.T. 0.01 min
 Lab File: BE098517.D
 Acq: 18 Dec 2018 17:49

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW312S-20181210

Tgt Ion: 82 Resp: 1327
 Ion Ratio Lower Upper
 82 100
 128 172.4 102.4 153.6#
 54 269.2 221.8 332.8

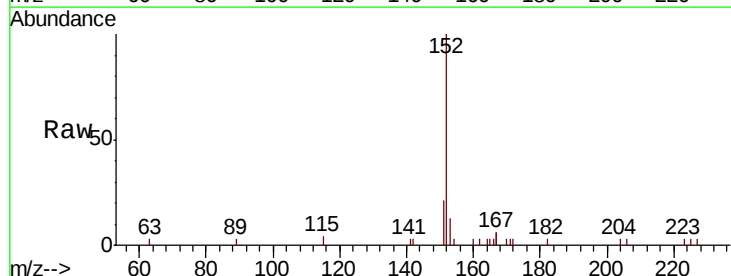


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): BE0
 Ion 54.00 (53.70 to 54.70): BE0

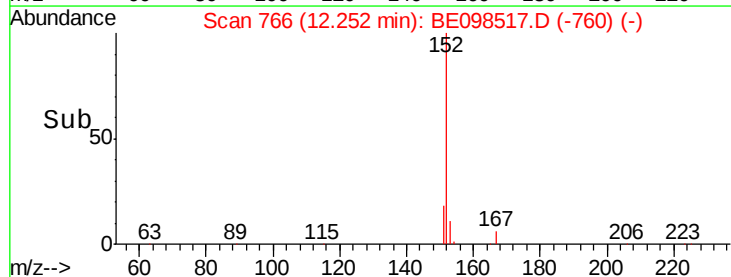
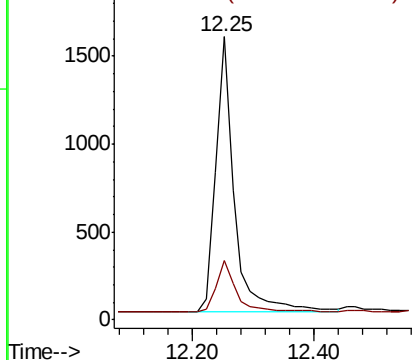


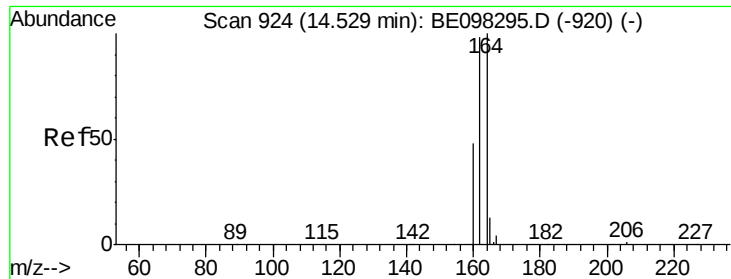
#11
 2-Methylnaphthalene-d10
 Concen: 0.514 ng
 RT: 12.25 min Scan# 766
 Delta R.T. -0.02 min
 Lab File: BE098517.D
 Acq: 18 Dec 2018 17:49

Tgt Ion: 152 Resp: 3306
 Ion Ratio Lower Upper
 152 100
 151 20.8 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E

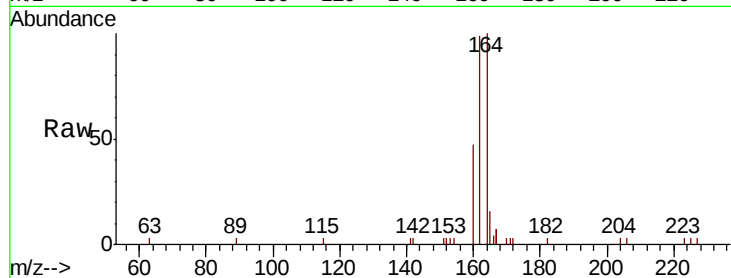




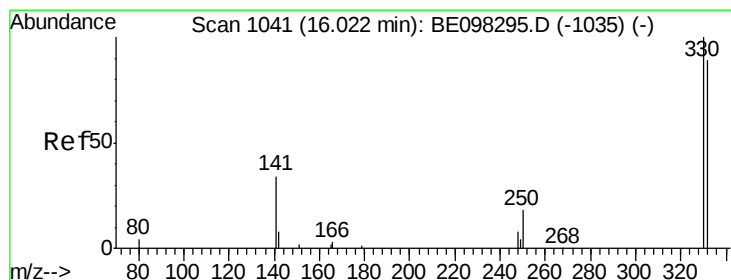
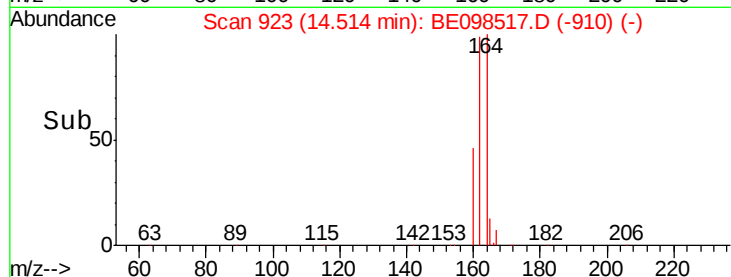
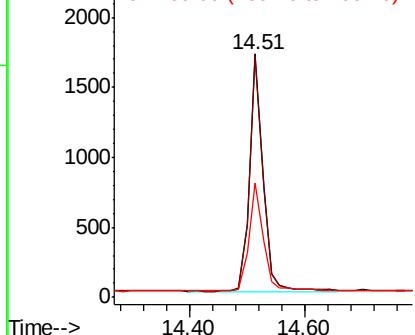
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.02 min
Lab File: BE098517.D
Acq: 18 Dec 2018 17:49

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW312S-20181210

Tgt Ion:164 Resp: 2786
Ion Ratio Lower Upper
164 100
162 99.1 77.6 116.4
160 47.2 36.0 54.0

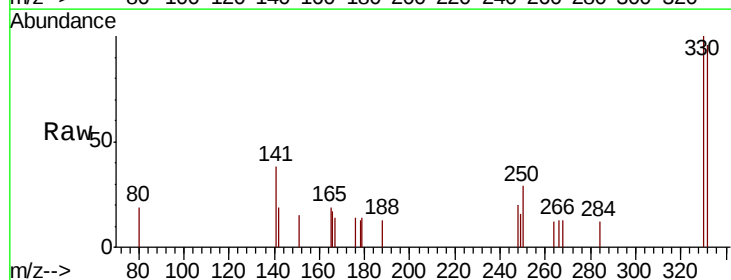


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

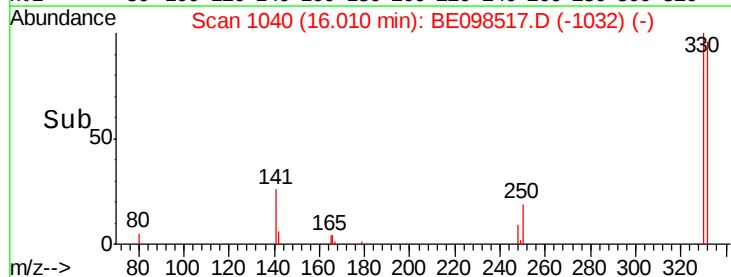
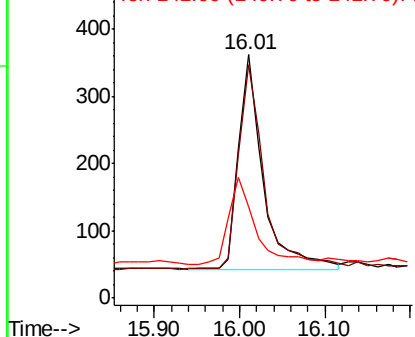


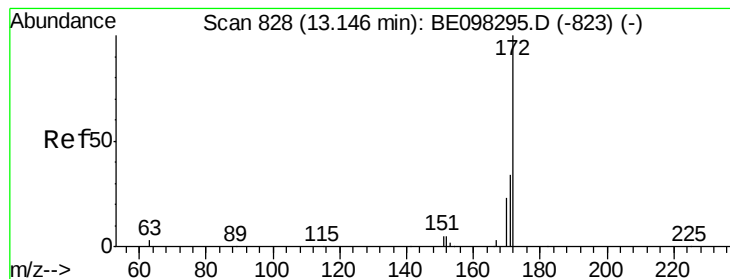
#14
2,4,6-Tribromophenol
Concen: 0.626 ng
RT: 16.01 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BE098517.D
Acq: 18 Dec 2018 17:49

Tgt Ion:330 Resp: 640
Ion Ratio Lower Upper
330 100
332 98.9 76.2 114.4
141 44.5 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

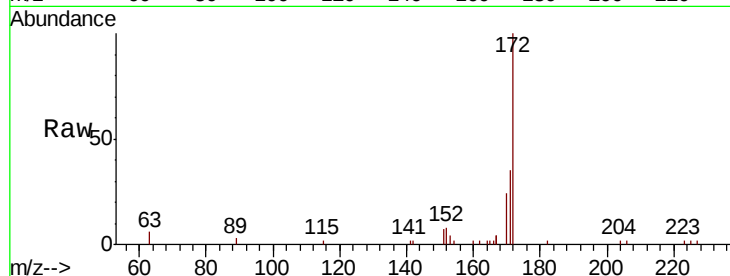




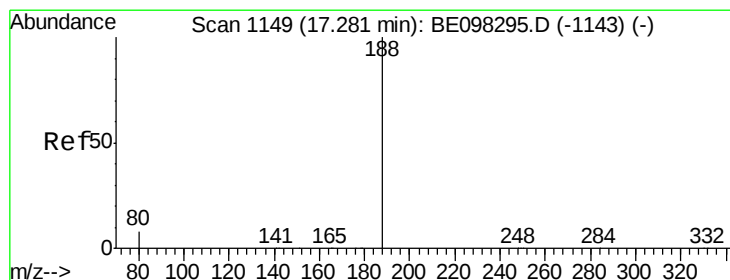
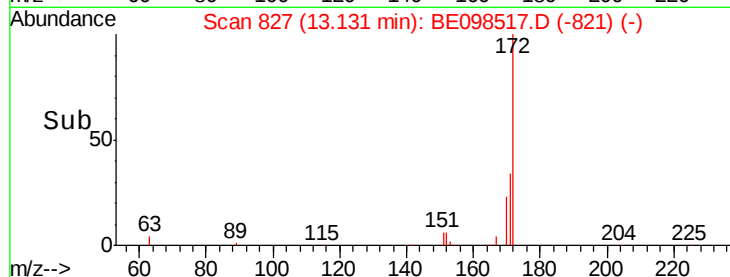
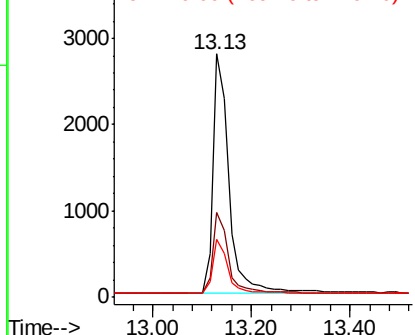
#15
 2-Fluorobiphenyl
 Concen: 0.534 ng
 RT: 13.13 min Scan# 827
 Delta R.T. -0.02 min
 Lab File: BE098517.D
 Acq: 18 Dec 2018 17:49

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW312S-20181210

Tgt Ion:172 Resp: 6273
 Ion Ratio Lower Upper
 172 100
 171 34.9 27.5 41.3
 170 23.9 19.6 29.4

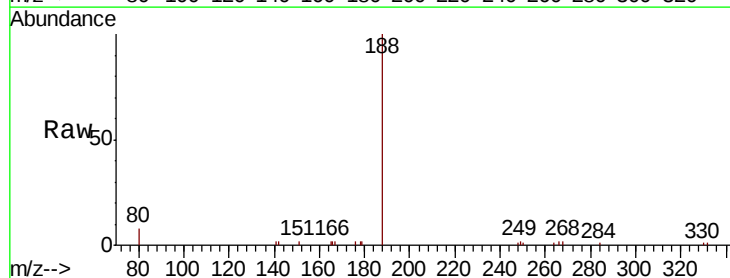


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

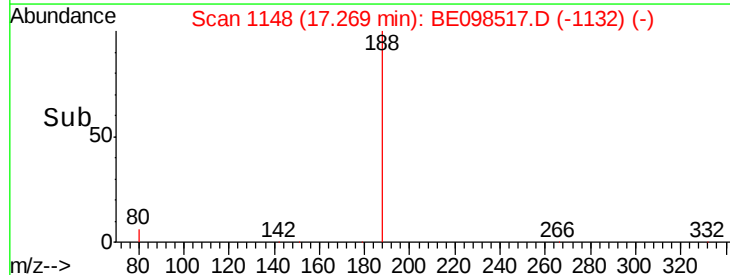
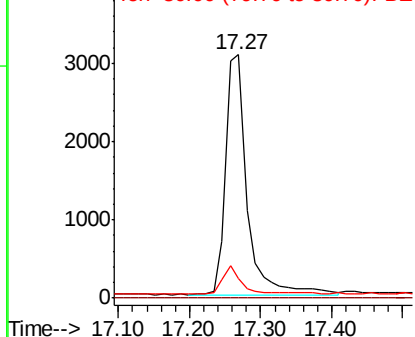


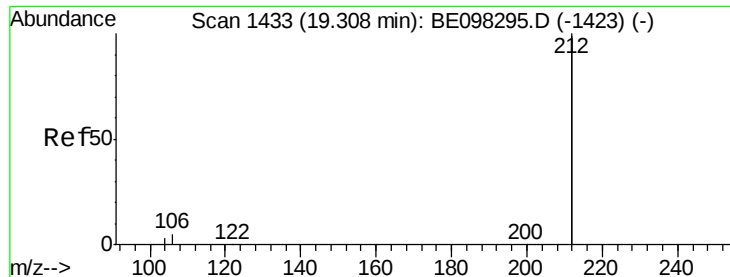
#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.27 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BE098517.D
 Acq: 18 Dec 2018 17:49

Tgt Ion:188 Resp: 6423
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 8.0 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





#25

Fluoranthene-d10

Concen: 0.484 ng

RT: 19.30 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BE098517.D

Acq: 18 Dec 2018 17:49

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW312S-20181210

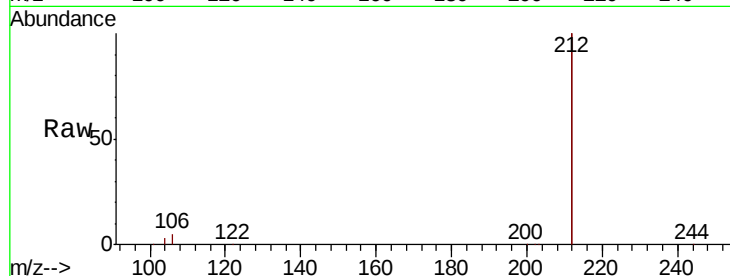
Tgt Ion:212 Resp: 39900

Ion Ratio Lower Upper

212 100

106 2.3 2.2 3.2

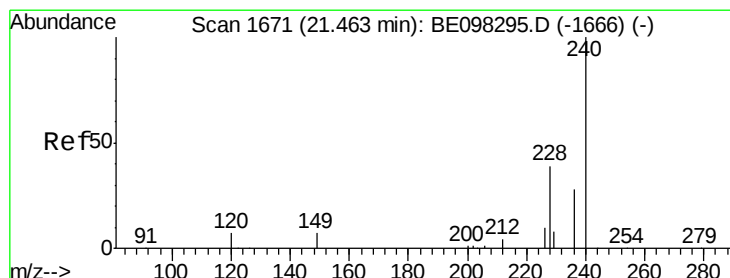
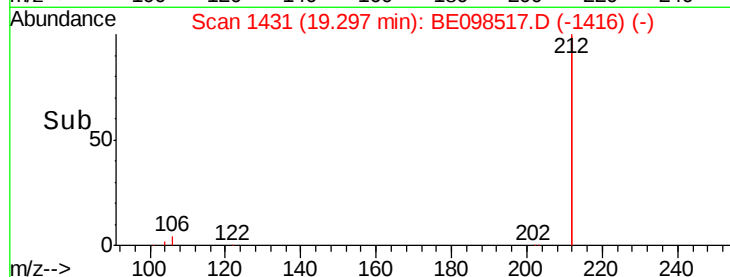
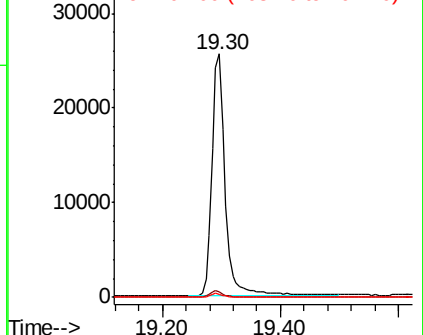
104 1.4 1.3 1.9



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: 21.45 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BE098517.D

Acq: 18 Dec 2018 17:49

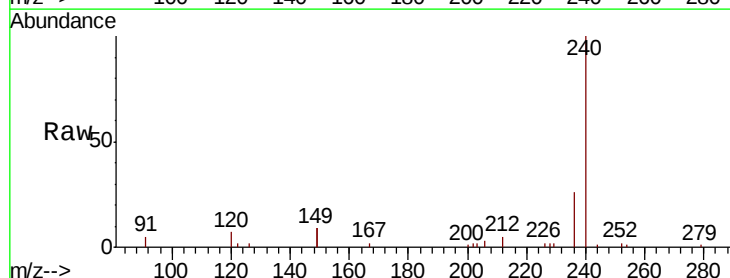
Tgt Ion:240 Resp: 7511

Ion Ratio Lower Upper

240 100

120 6.7 9.5 14.3#

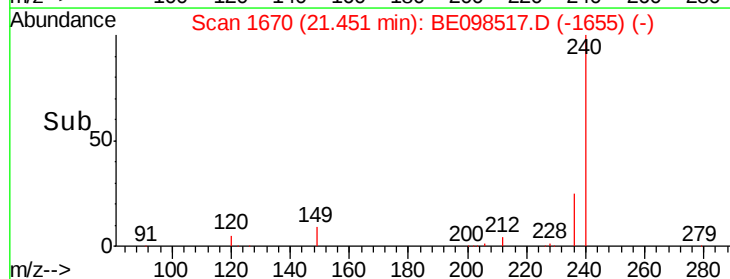
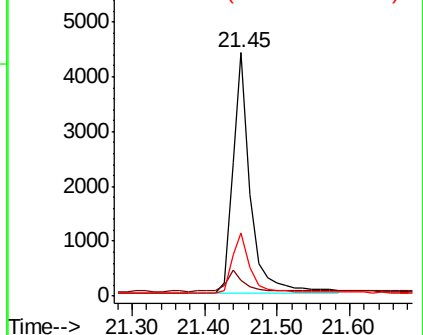
236 26.2 22.7 34.1

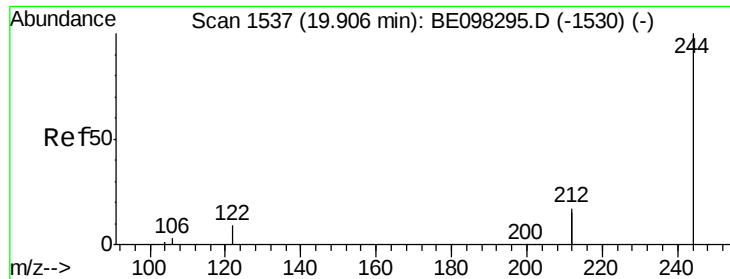


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.544 ng

RT: 19.89 min Scan# 1534

Delta R.T. -0.02 min

Lab File: BE098517.D

Acq: 18 Dec 2018 17:49

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW312S-20181210

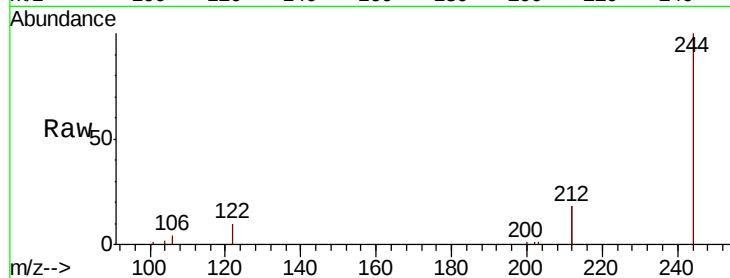
Tgt Ion:244 Resp: 9929

Ion Ratio Lower Upper

244 100

212 35.1 27.4 41.0

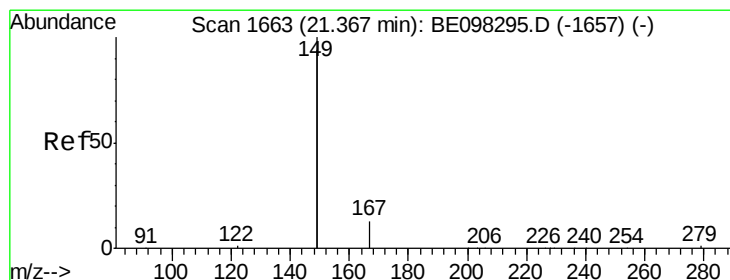
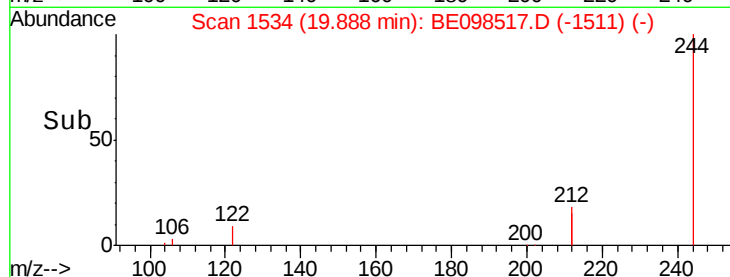
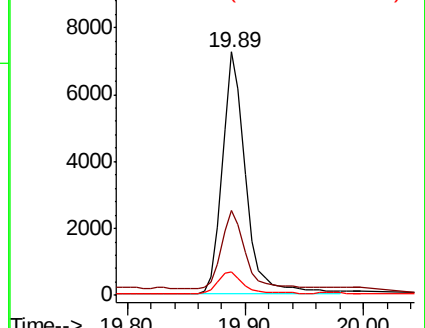
122 9.7 8.3 12.5



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: 0.074 ng

RT: 21.35 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BE098517.D

Acq: 18 Dec 2018 17:49

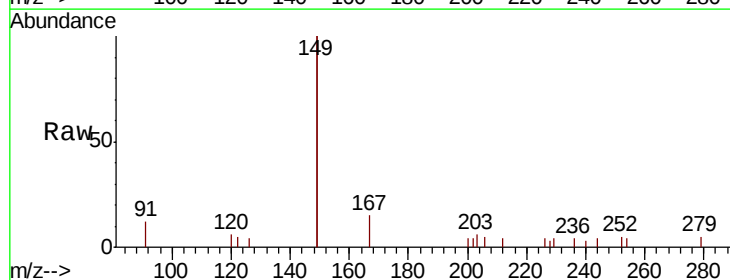
Tgt Ion:149 Resp: 3232

Ion Ratio Lower Upper

149 100

167 6.5 5.7 8.5

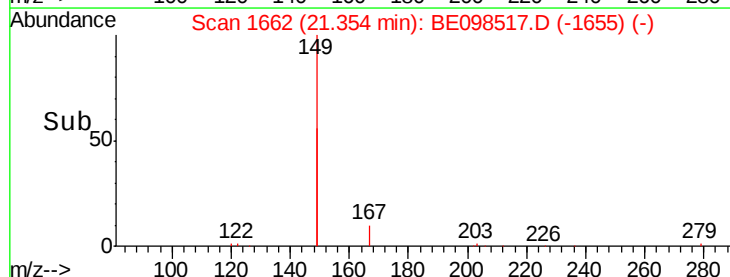
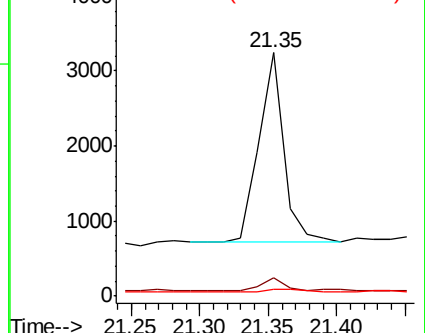
279 1.5 1.0 1.4#



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: 23.99 min Scan# 2266
Delta R.T. -0.02 min
Lab File: BE098517.D
Acq: 18 Dec 2018 17:49

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW312S-20181210

Tgt Ion: 264 Resp: 6978
Ion Ratio Lower Upper
264 100
260 26.6 20.2 30.2
265 31.9 25.2 37.8

