

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031919\
 Data File : BE099060.D
 Acq On : 20 Mar 2019 7:05
 Operator : JU/SJ
 Sample : K1969-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW312S-20190315

Quant Time: Mar 20 08:45:21 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

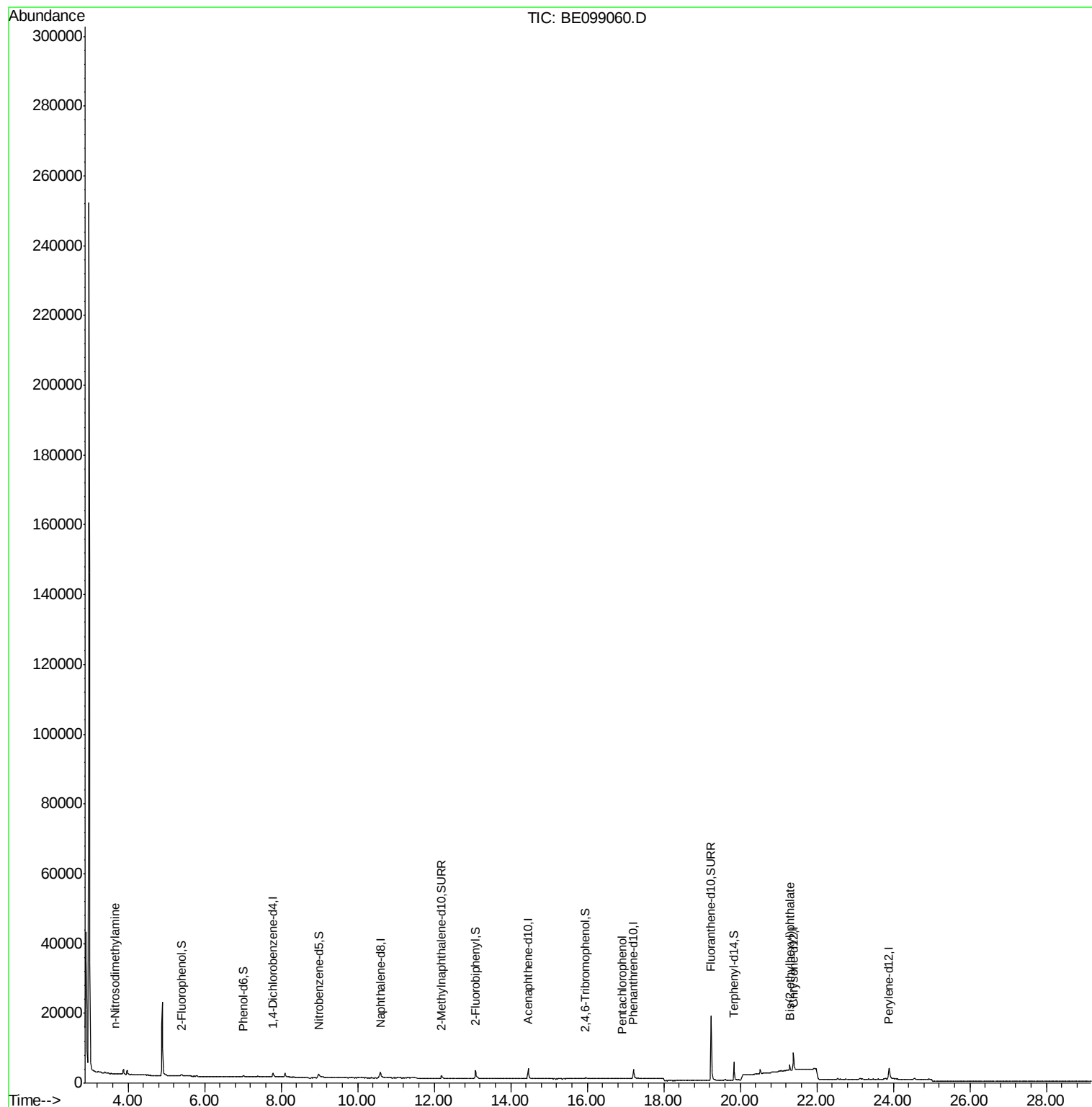
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	732	0.40	ng	-0.01
7) Naphthalene-d8	10.59	136	3114	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2114	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	5309	0.40	ng	-0.01
27) Chrysene-d12	21.39	240	6098	0.40	ng	-0.01
34) Perylene-d12	23.89	264	5780	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	362	0.17	ng	0.00
5) Phenol-d6	7.00	99	303	0.10	ng	0.01
8) Nitrobenzene-d5	8.98	82	1210	0.37	ng	0.01
11) 2-Methylnaphthalene-d10	12.19	152	2266	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	411	0.39	ng	-0.01
15) 2-Fluorobiphenyl	13.07	172	3796	0.43	ng	-0.01
25) Fluoranthene-d10	19.24	212	29258	0.35	ng	-0.01
29) Terphenyl-d14	19.83	244	5316	0.36	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.27	88	95	Below Cal	Qvalue #	62
3) n-Nitrosodimethylamine	3.65	42	76	0.041 ng	#	14
22) Pentachlorophenol	16.92	266	14	0.277 ng	#	84
32) Bis(2-ethylhexyl)phthalate	21.29	149	1913	0.047 ng	#	92

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

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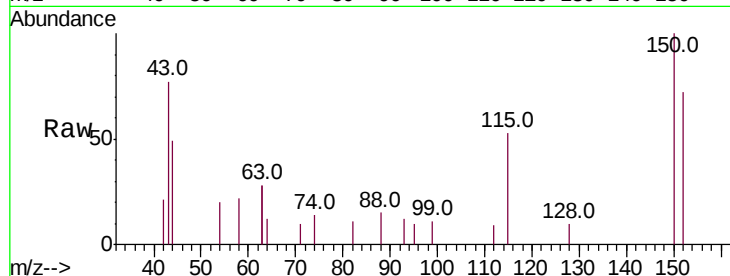


#1

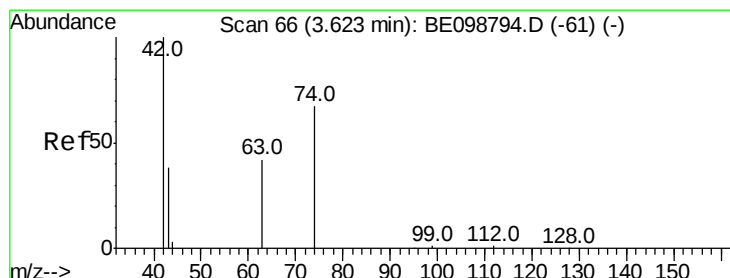
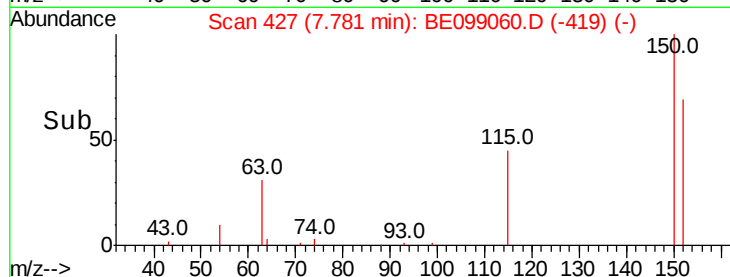
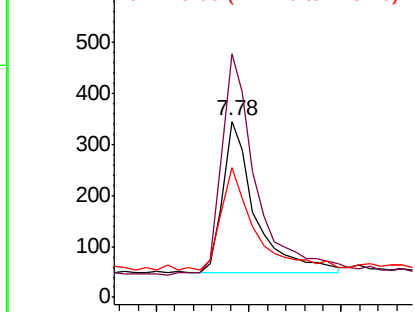
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 427
Delta R.T. -0.01 min
Lab File: BE099060.D
Acq: 20 Mar 2019 7:05

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW312S-20190315

Tot Ion:152 Resp: 732
Ion Ratio Lower Upper
152 100
150 138.2 122.5 183.7
115 73.4 57.4 86.2



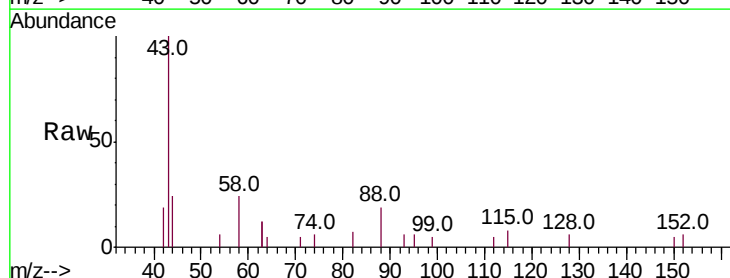
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



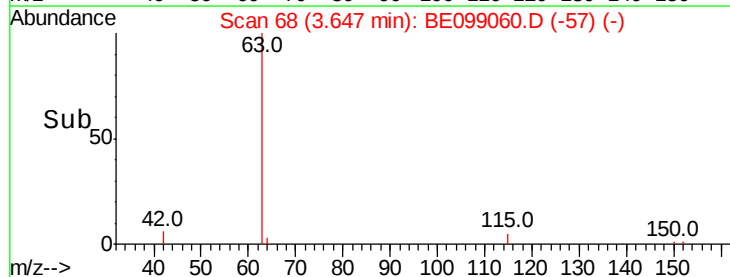
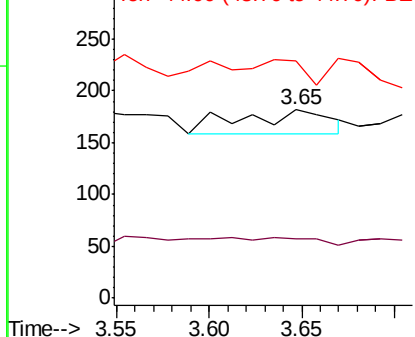
#3

n-Nitrosodimethylamine
Concen: 0.041 ng
RT: 3.65 min Scan# 68
Delta R.T. 0.02 min
Lab File: BE099060.D
Acq: 20 Mar 2019 7:05

Tgt Ion: 42 Resp: 76
Ion Ratio Lower Upper
42 100
74 0.0 57.0 85.4#
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: 0.165 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.00 min

Lab File: BE099060.D

Acq: 20 Mar 2019 7:05

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW312S-20190315

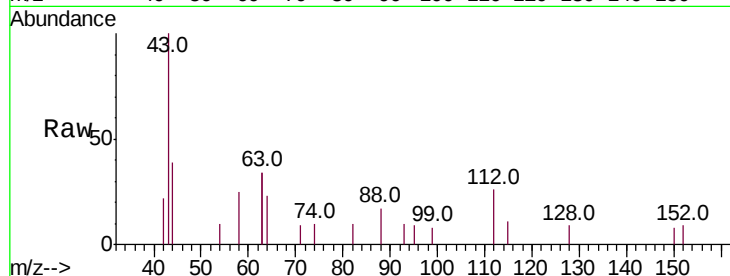
Tot Ion:112 Resp: 362

Ion Ratio Lower Upper

112 100

64 97.8 57.9 86.9#

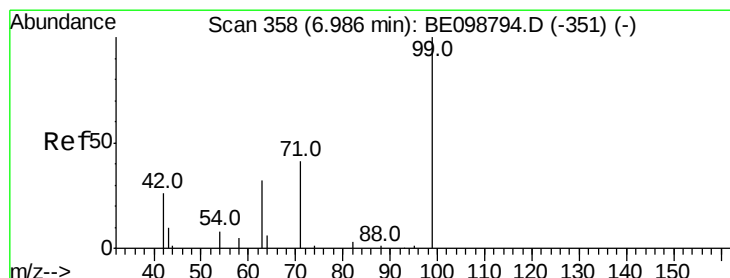
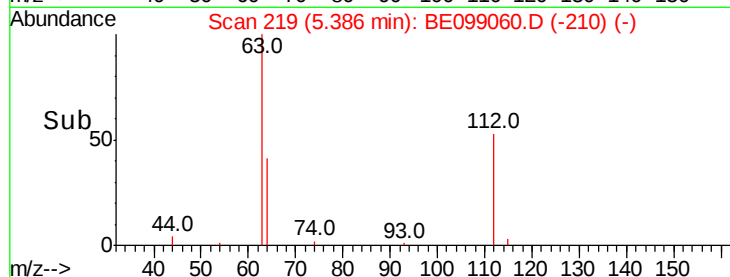
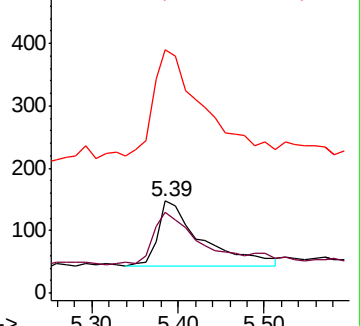
63 173.2 158.3 237.5



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: 0.098 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.01 min

Lab File: BE099060.D

Acq: 20 Mar 2019 7:05

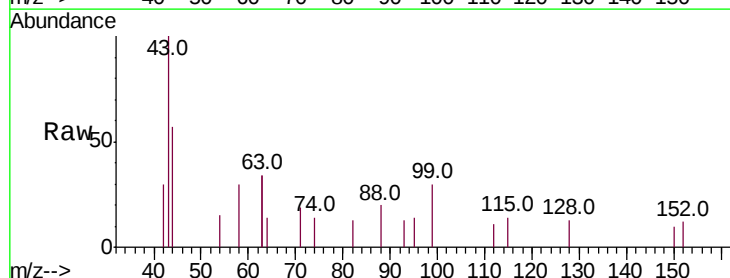
Tgt Ion: 99 Resp: 303

Ion Ratio Lower Upper

99 100

42 40.6 24.2 36.2#

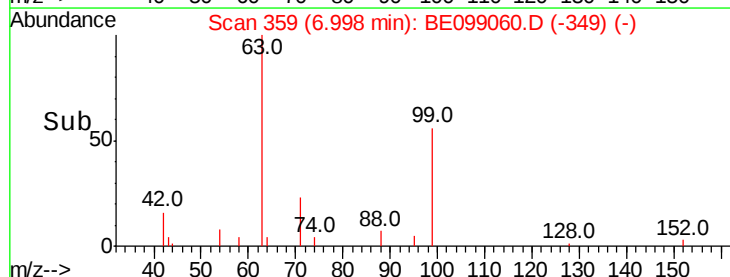
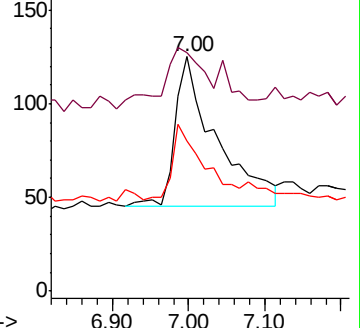
71 37.3 35.7 53.5



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: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE099060.D

Acq: 20 Mar 2019 7:05

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW312S-20190315

Tot Ion:136 Resp: 3114

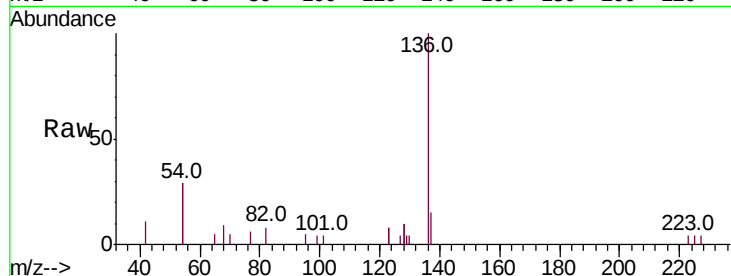
Ion Ratio Lower Upper

136 100

137 14.7 11.4 17.0

54 58.2 39.3 58.9

68 9.2 6.7 10.1

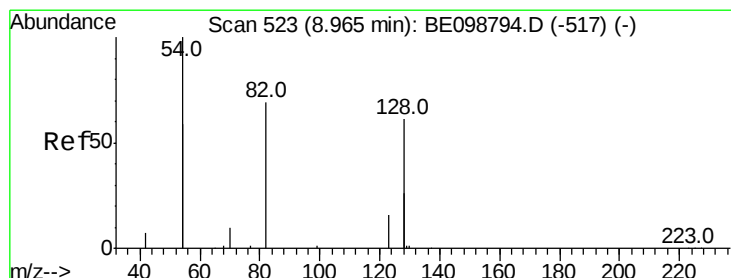
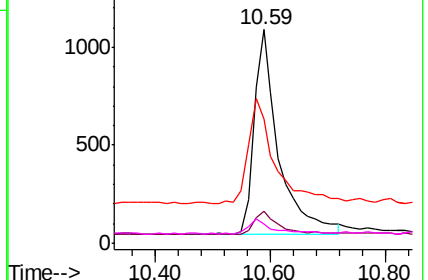
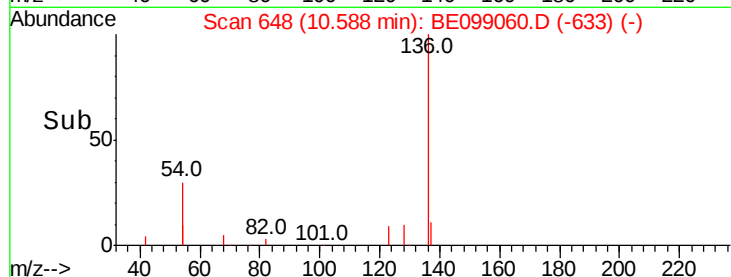


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.371 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099060.D

Acq: 20 Mar 2019 7:05

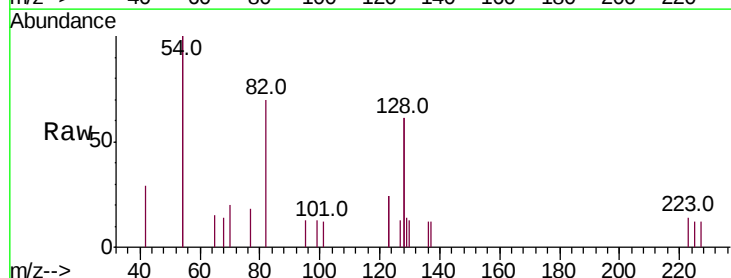
Tgt Ion: 82 Resp: 1210

Ion Ratio Lower Upper

82 100

128 174.1 123.8 185.8

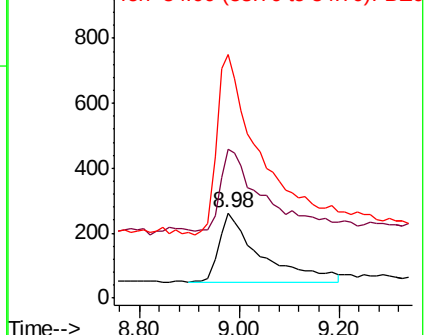
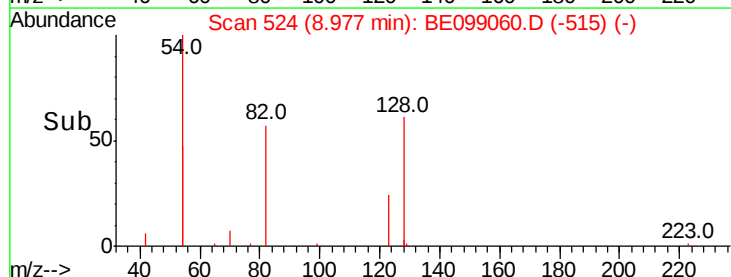
54 285.2 203.4 305.2

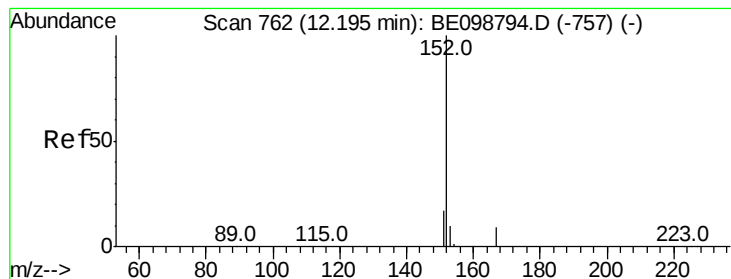


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.394 ng

RT: 12.19 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE099060.D

Acq: 20 Mar 2019 7:05

Instrument :

BNA_E

ClientSampleId :

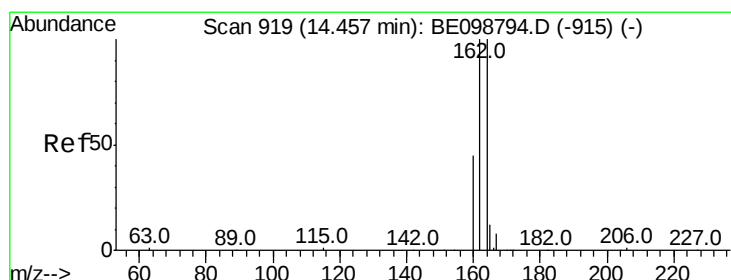
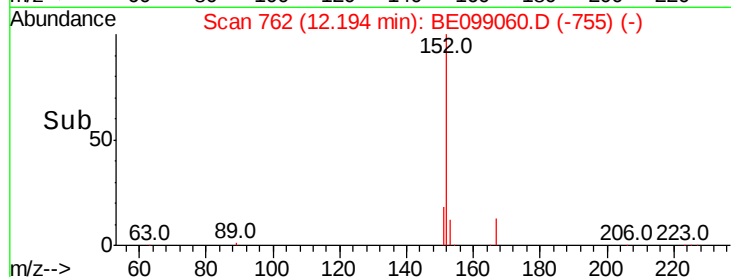
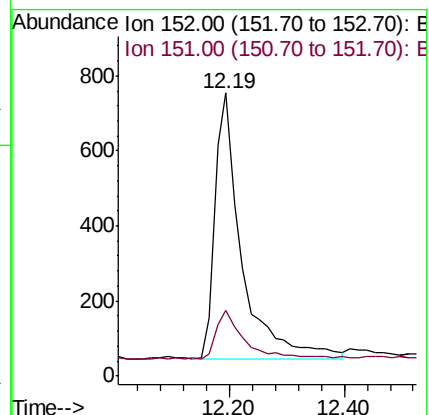
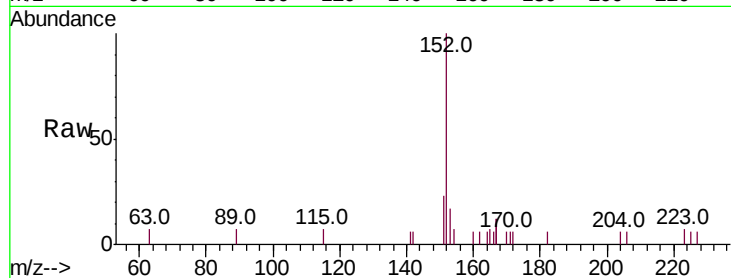
BPS1-TT-MW312S-20190315

Tot Ion:152 Resp: 2266

Ion Ratio Lower Upper

152 100

151 19.1 16.5 24.7



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.00 min

Lab File: BE099060.D

Acq: 20 Mar 2019 7:05

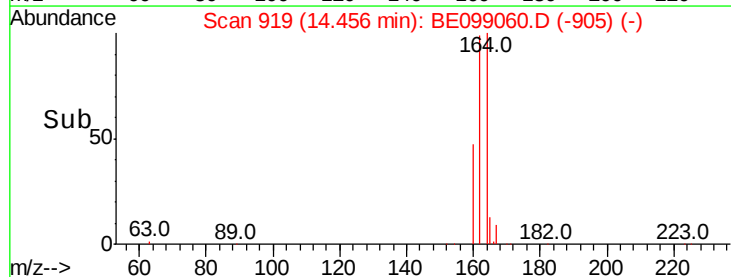
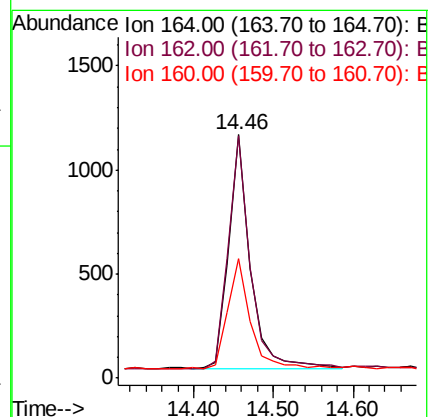
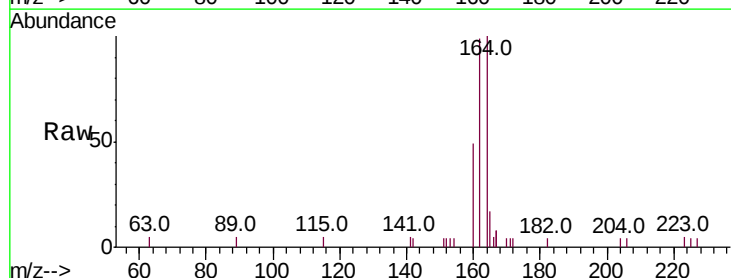
Tgt Ion:164 Resp: 2114

Ion Ratio Lower Upper

164 100

162 99.5 80.2 120.2

160 49.0 37.8 56.8

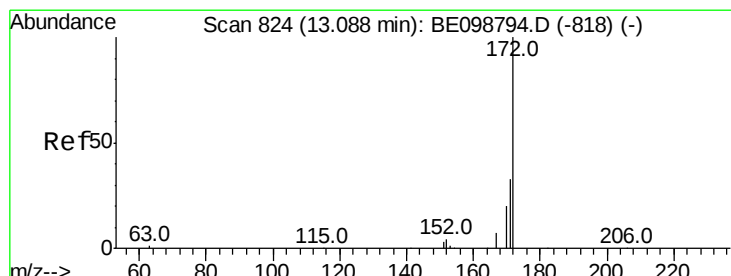
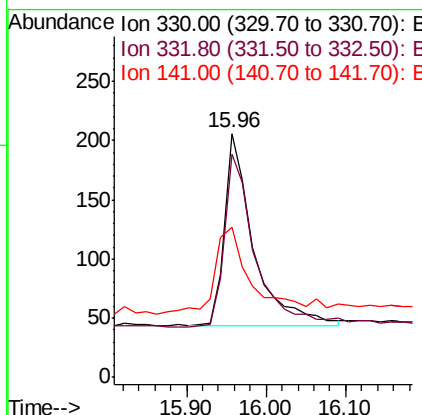
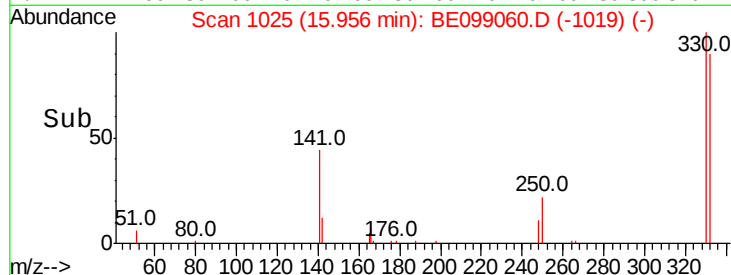
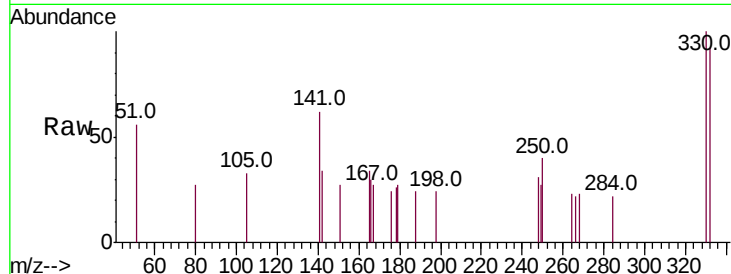




#14
 2,4,6-Tribromophenol
 Concen: 0.385 ng
 RT: 15.96 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BE099060.D
 Acq: 20 Mar 2019 7:05

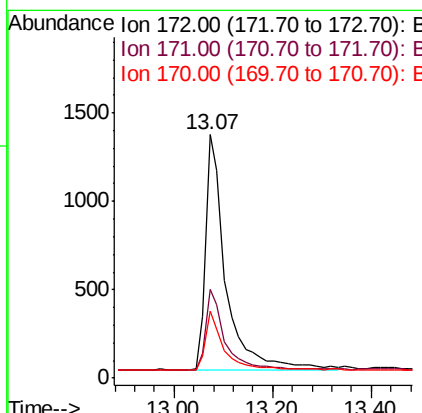
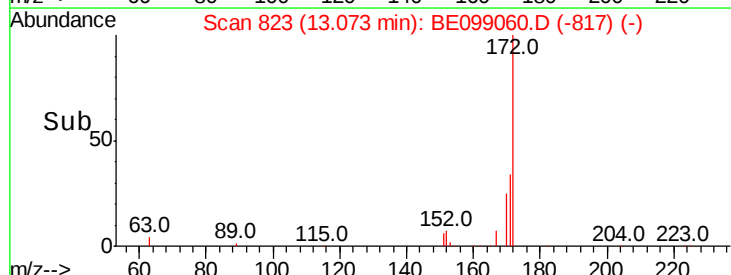
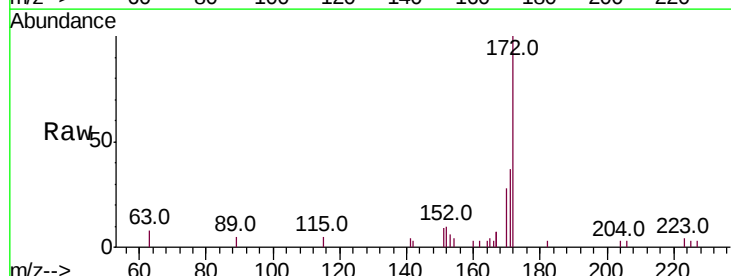
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW312S-20190315

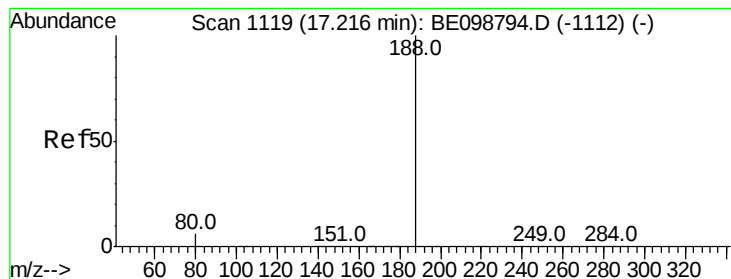
Tot Ion:330 Resp: 411
 Ion Ratio Lower Upper
 330 100
 332 102.9 77.6 116.4
 141 44.3 31.0 46.4



#15
 2-Fluorobiphenyl
 Concen: 0.434 ng
 RT: 13.07 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BE099060.D
 Acq: 20 Mar 2019 7:05

Tgt Ion:172 Resp: 3796
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.0 42.0
 170 27.7 17.7 26.5#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.20 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BE099060.D

Acq: 20 Mar 2019 7:05

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW312S-20190315

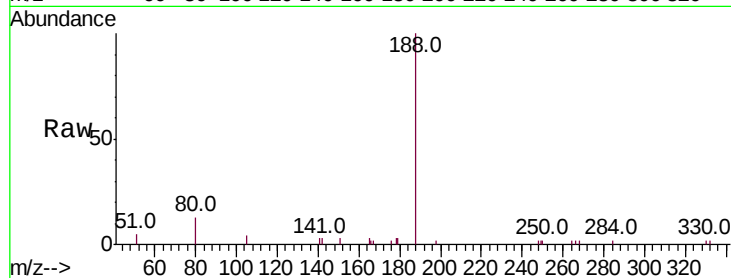
Tot Ion:188 Resp: 5309

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

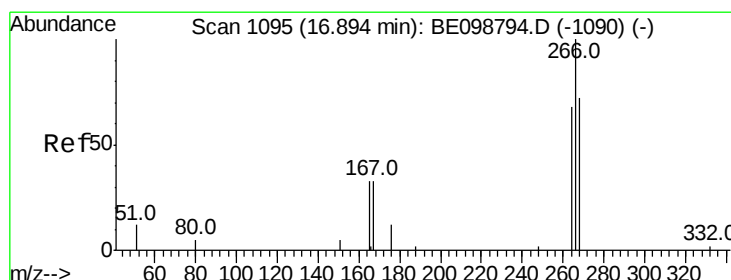
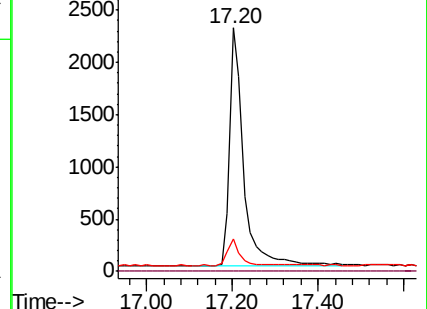
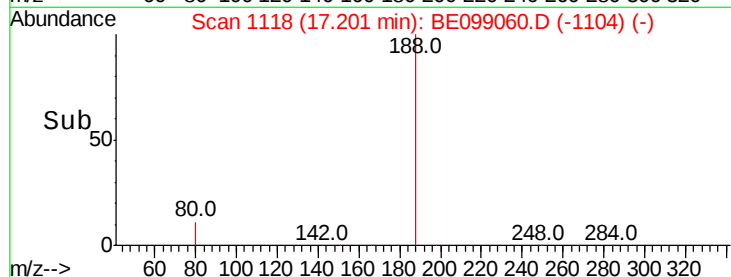
80 13.2 6.3 9.5#



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: 0.277 ng

RT: 16.92 min Scan# 1097

Delta R.T. 0.03 min

Lab File: BE099060.D

Acq: 20 Mar 2019 7:05

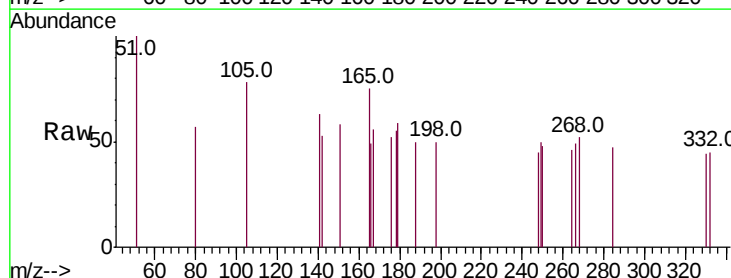
Tgt Ion:266 Resp: 14

Ion Ratio Lower Upper

266 100

264 94.0 66.6 100.0

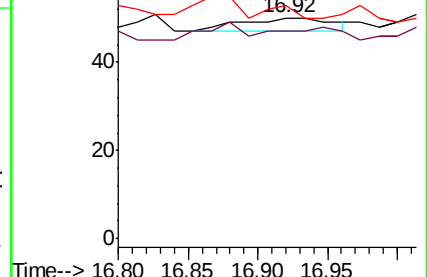
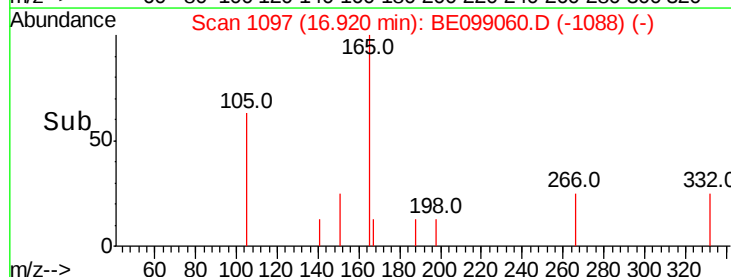
268 106.0 69.8 104.8#

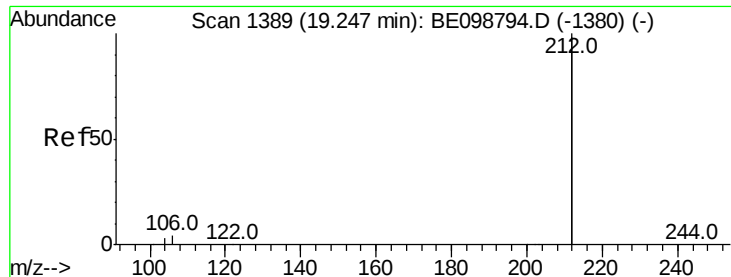


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

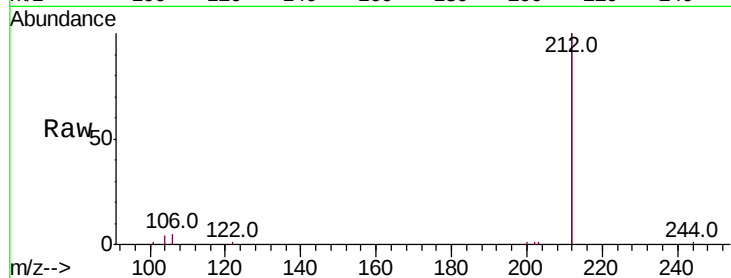




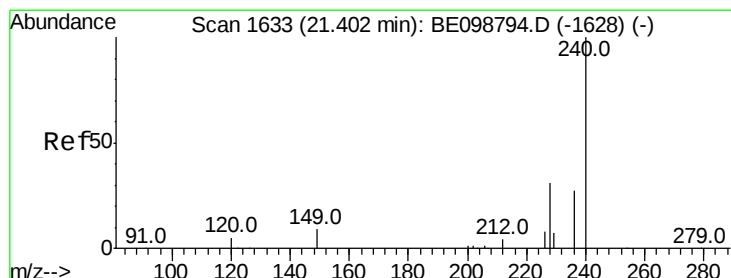
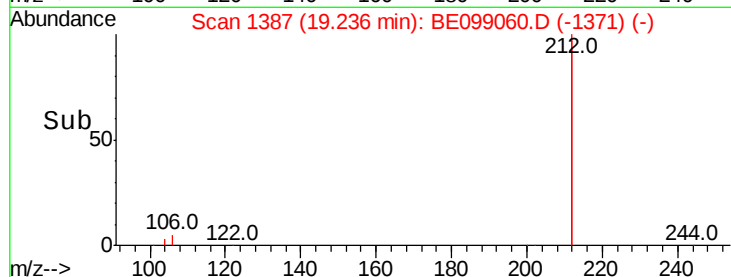
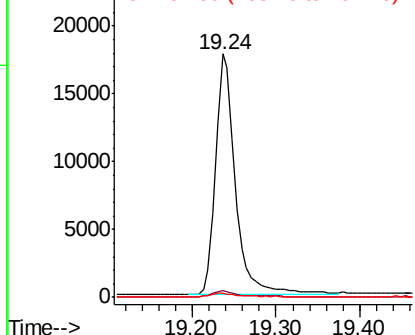
#25
 Fluoranthene-d10
 Concen: 0.345 ng
 RT: 19.24 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: BE099060.D
 Acq: 20 Mar 2019 7:05

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW312S-20190315

Tot Ion:212 Resp: 29258
 Ion Ratio Lower Upper
 212 100
 106 2.4 1.8 2.8
 104 1.4 1.0 1.6

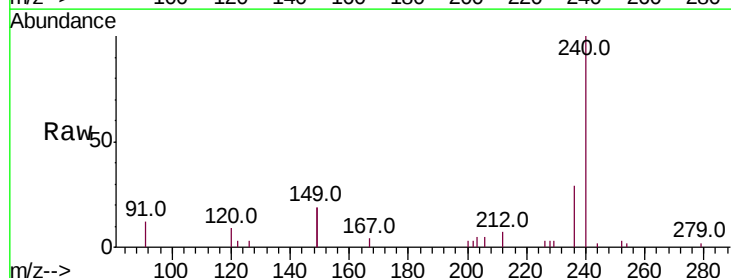


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

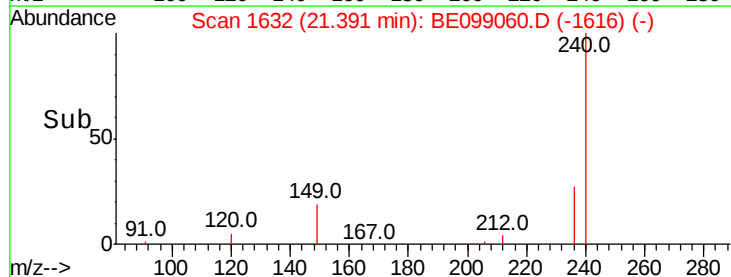
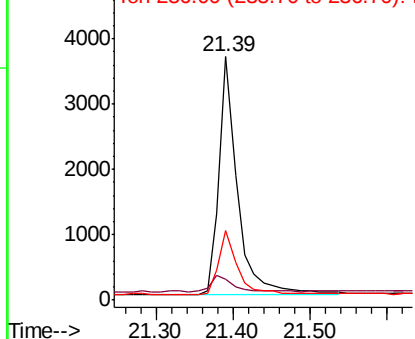


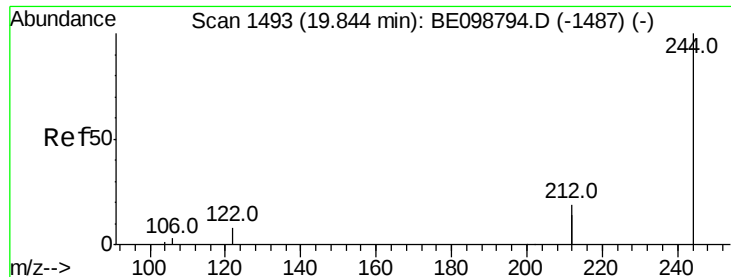
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.39 min Scan# 1632
 Delta R.T. -0.01 min
 Lab File: BE099060.D
 Acq: 20 Mar 2019 7:05

Tgt Ion:240 Resp: 6098
 Ion Ratio Lower Upper
 240 100
 120 8.5 5.0 7.4#
 236 28.5 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: 0.359 ng

RT: 19.83 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BE099060.D

Acq: 20 Mar 2019 7:05

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW312S-20190315

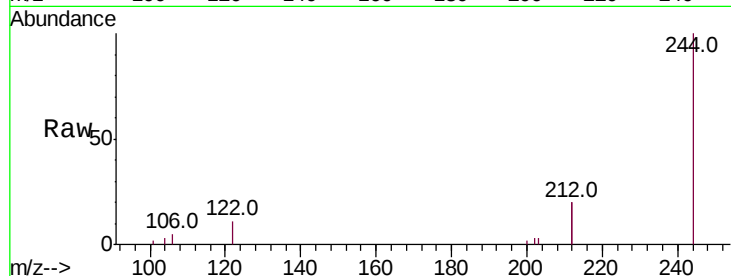
Tot Ion:244 Resp: 5316

Ion Ratio Lower Upper

244 100

212 40.2 29.4 44.2

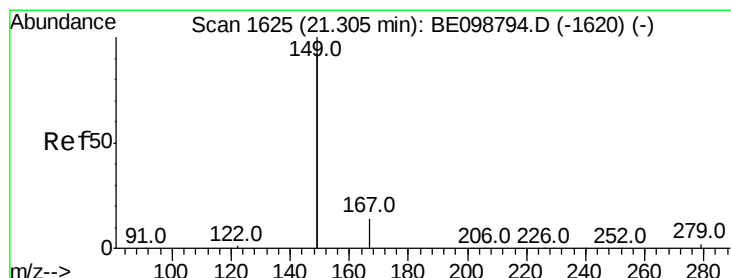
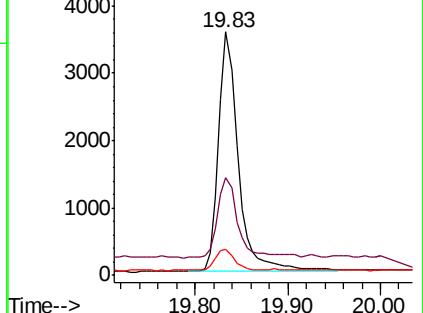
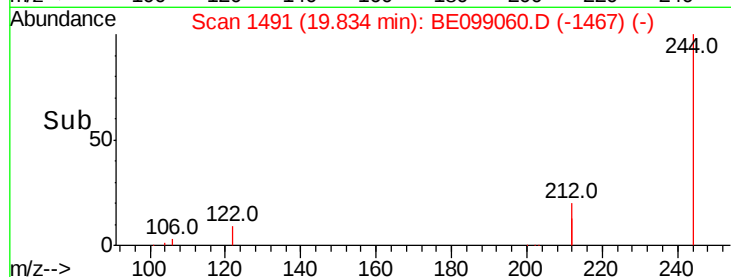
122 10.8 7.1 10.7#



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: 0.047 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099060.D

Acq: 20 Mar 2019 7:05

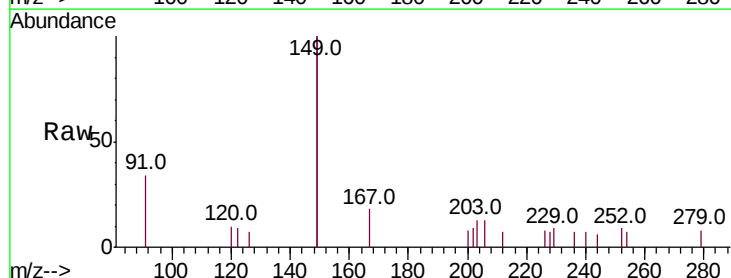
Tgt Ion:149 Resp: 1913

Ion Ratio Lower Upper

149 100

167 9.7 5.4 8.0#

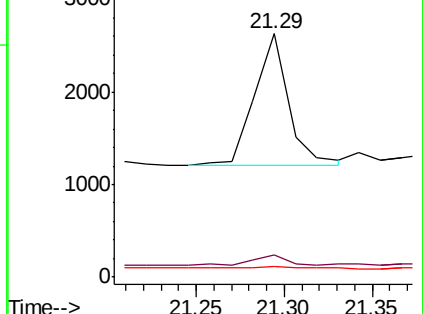
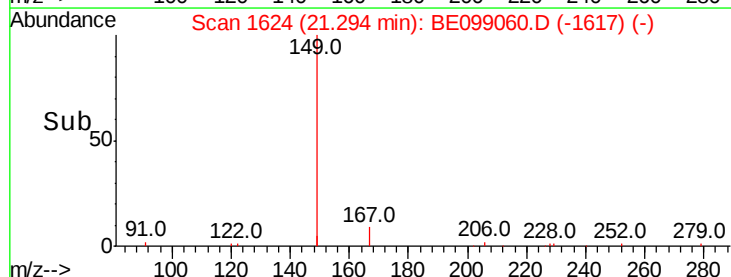
279 2.4 1.0 1.4#

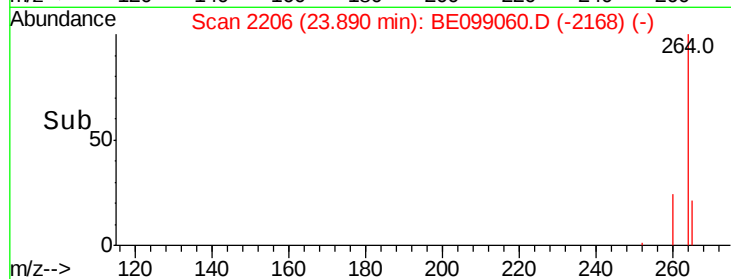
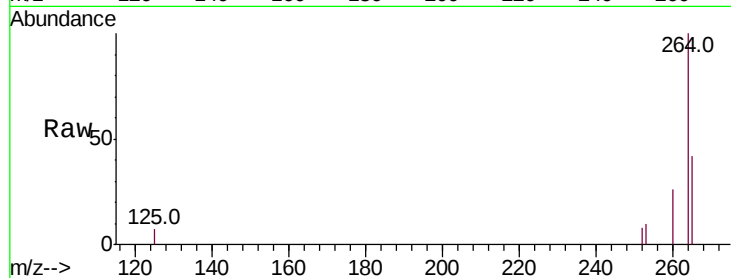


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.89 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BE099060.D
 Acq: 20 Mar 2019 7:05

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW312S-20190315

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.4	21.2	31.8
265	42.4	24.6	36.8

