

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031419\
 Data File : BE098963.D
 Acq On : 15 Mar 2019 3:17
 Operator : JU/SJ
 Sample : K1900-14
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW309S-20190313

Quant Time: Mar 15 05:34:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 06 15:33:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	806	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	3603	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2559	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6150	0.40	ng	0.00
27) Chrysene-d12	21.39	240	7028	0.40	ng	-0.01
34) Perylene-d12	23.89	264	6760	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.40	112	438	0.18	ng	0.01
5) Phenol-d6	7.00	99	334	0.10	ng	0.01
8) Nitrobenzene-d5	8.99	82	1389	0.37	ng	0.03
11) 2-Methylnaphthalene-d10	12.19	152	2656	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	537	0.42	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	4490	0.42	ng	0.00
25) Fluoranthene-d10	19.24	212	38328	0.39	ng	0.00
29) Terphenyl-d14	19.84	244	7717	0.45	ng	0.00

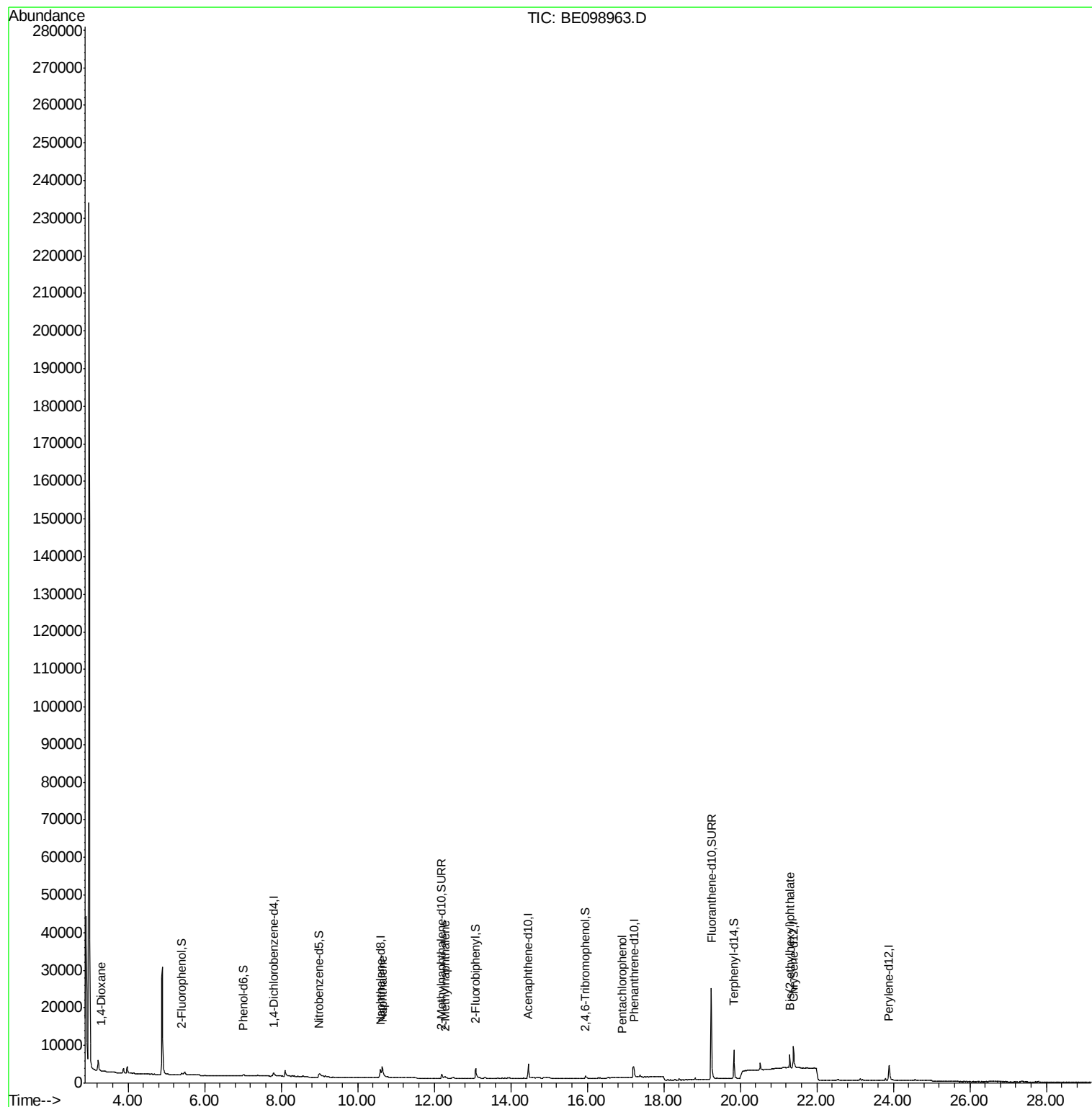
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	188	0.047	ng	# 11
9) Naphthalene	10.64	128	7034	0.170	ng	# 98
12) 2-Methylnaphthalene	12.28	142	562	0.084	ng	# 90
22) Pentachlorophenol	16.91	266	28	0.285	ng	# 86
32) Bis(2-ethylhexyl)phthalate	21.29	149	4034	0.086	ng	# 95

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.79 min Scan# 428

Delta R.T. 0.00 min

Lab File: BE098963.D

Acq: 15 Mar 2019 3:17

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW309S-20190313

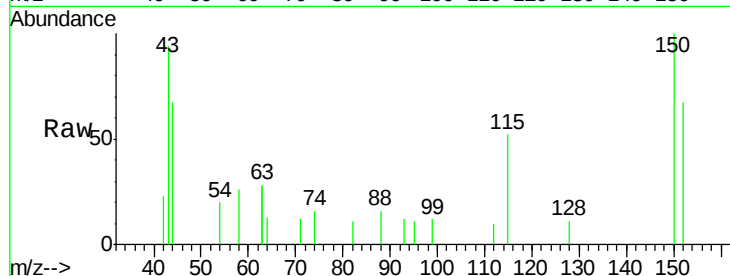
Tgt Ion: 152 Resp: 806

Ion Ratio Lower Upper

152 100

150 149.7 122.5 183.7

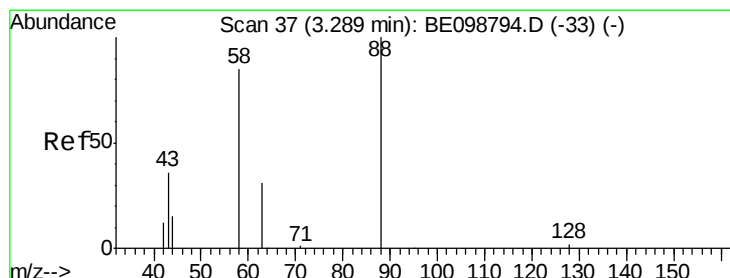
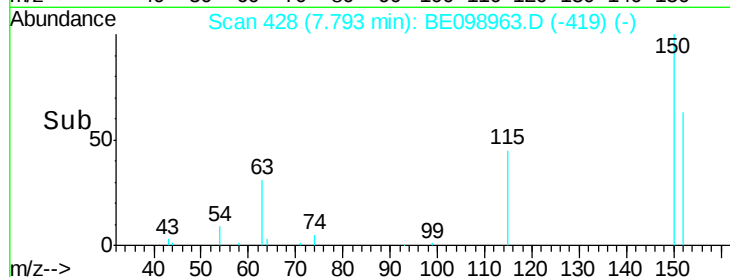
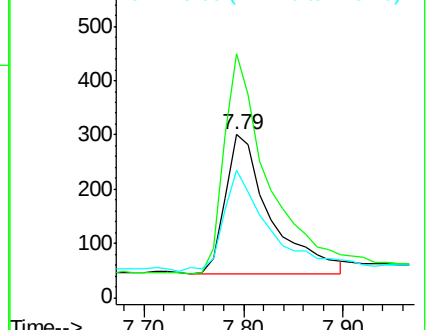
115 78.0 57.4 86.2



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: 0.047 ng

RT: 3.29 min Scan# 37

Delta R.T. 0.00 min

Lab File: BE098963.D

Acq: 15 Mar 2019 3:17

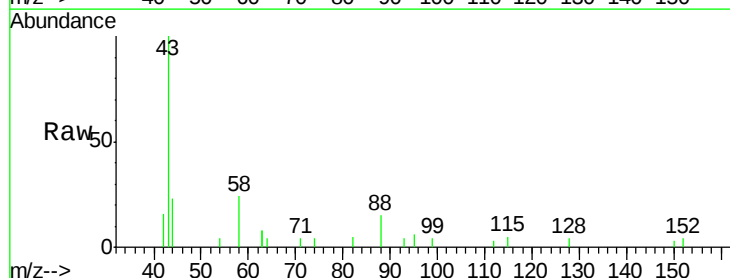
Tgt Ion: 88 Resp: 188

Ion Ratio Lower Upper

88 100

58 0.0 75.8 113.6#

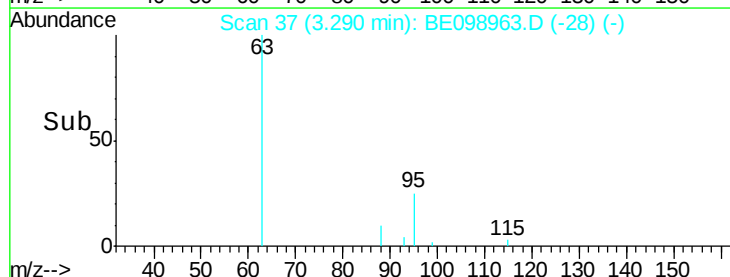
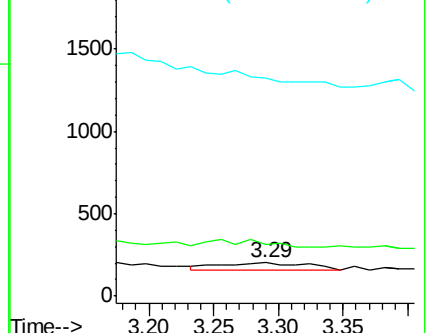
43 0.0 41.8 62.8#



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





#4

2-Fluorophenol

Concen: 0.182 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.01 min

Lab File: BE098963.D

Acq: 15 Mar 2019 3:17

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW309S-20190313

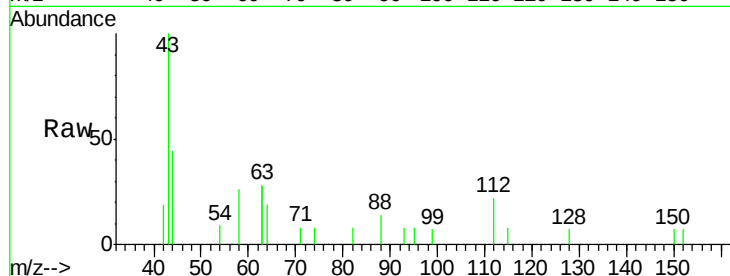
Tgt Ion: 112 Resp: 438

Ion Ratio Lower Upper

112 100

64 87.0 57.9 86.9#

63 195.2 158.3 237.5

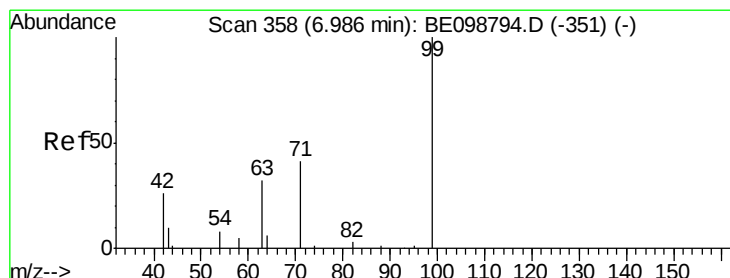
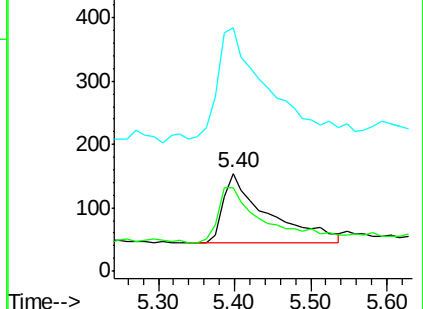
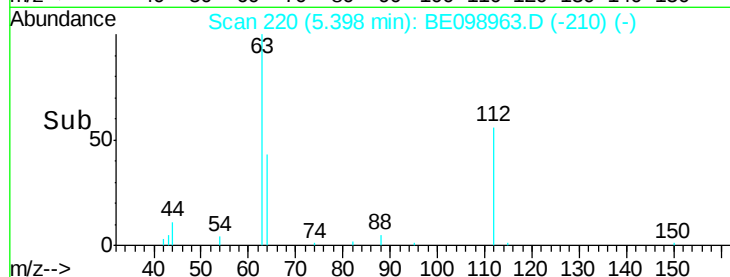


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Time-->



#5

Phenol-d6

Concen: 0.098 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.01 min

Lab File: BE098963.D

Acq: 15 Mar 2019 3:17

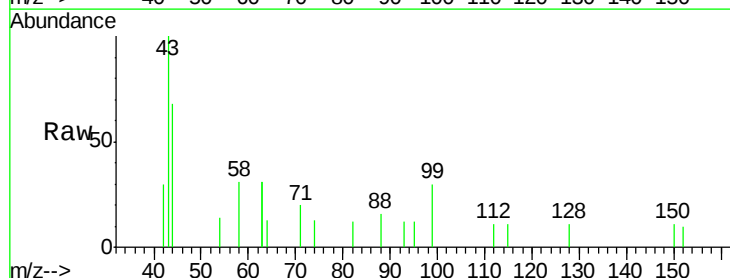
Tgt Ion: 99 Resp: 334

Ion Ratio Lower Upper

99 100

42 38.3 24.2 36.2#

71 44.6 35.7 53.5

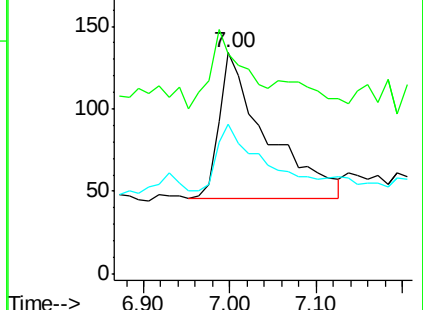
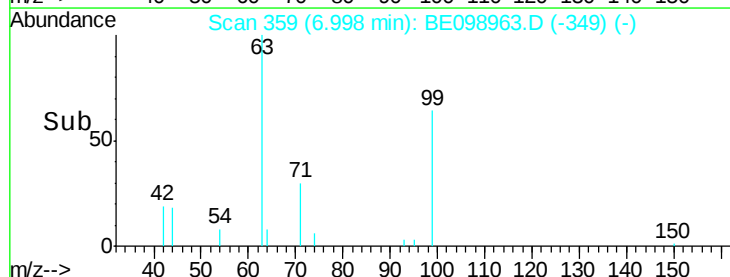


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE098963.D

Acq: 15 Mar 2019 3:17

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW309S-20190313

Tgt Ion: 136 Resp: 3603

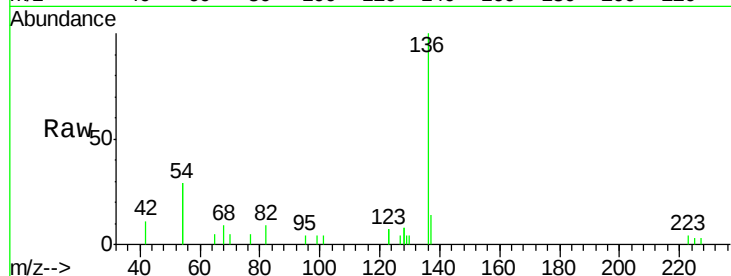
Ion Ratio Lower Upper

136 100

137 14.0 11.4 17.0

54 58.7 39.3 58.9

68 9.1 6.7 10.1

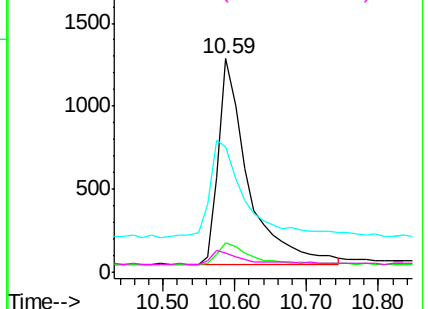
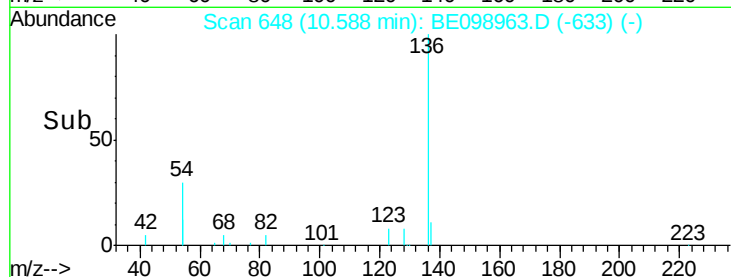


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.368 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.03 min

Lab File: BE098963.D

Acq: 15 Mar 2019 3:17

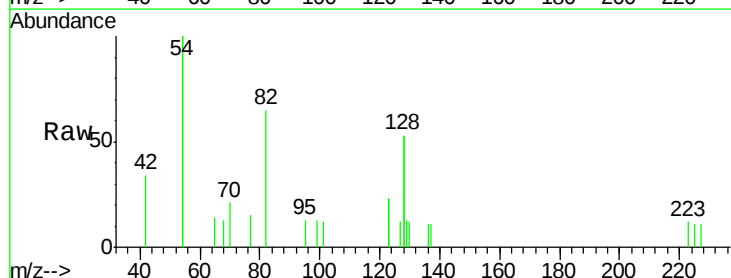
Tgt Ion: 82 Resp: 1389

Ion Ratio Lower Upper

82 100

128 161.5 123.8 185.8

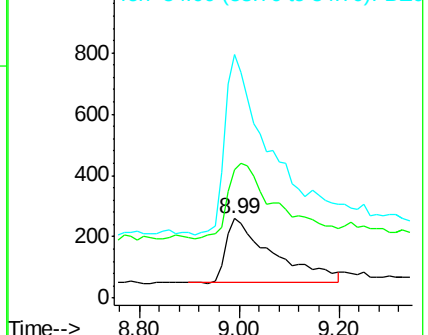
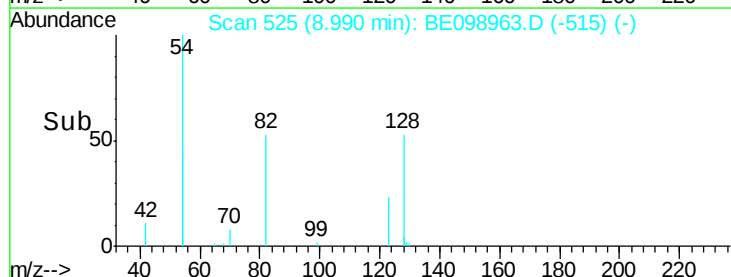
54 305.4 203.4 305.2#

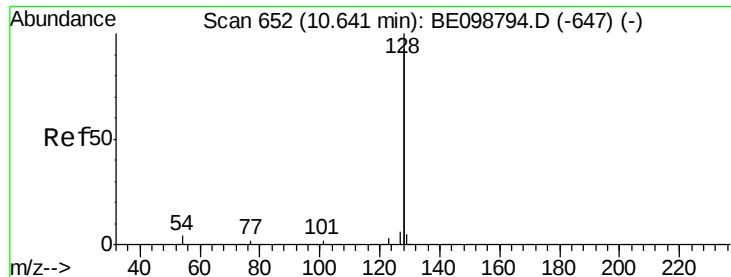


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.170 ng

RT: 10.64 min Scan# 652

Delta R.T. -0.00 min

Lab File: BE098963.D

Acq: 15 Mar 2019 3:17

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW309S-20190313

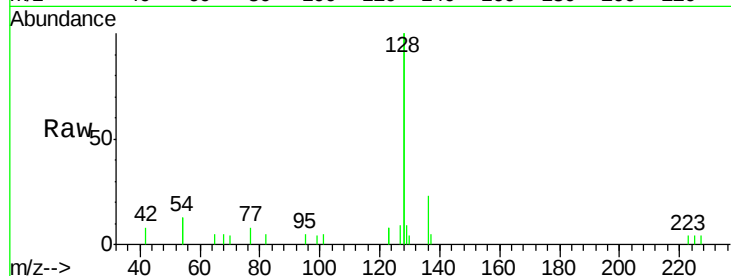
Tgt Ion:128 Resp: 7034

Ion Ratio Lower Upper

128 100

129 4.4 2.6 4.0#

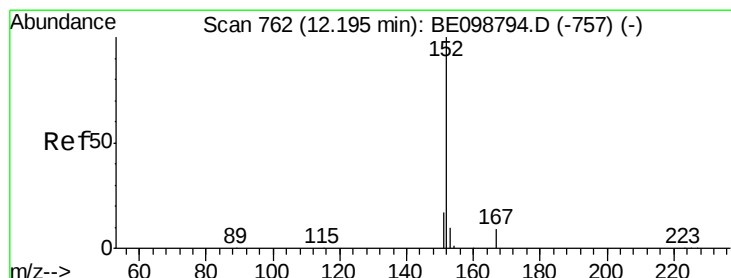
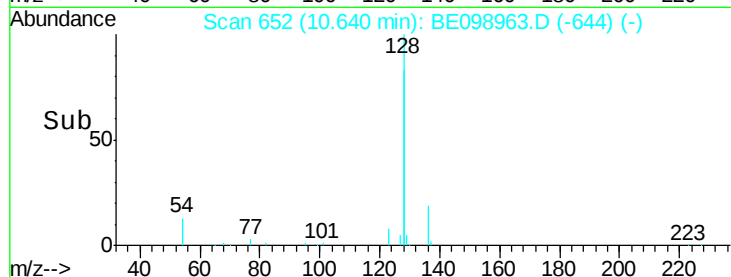
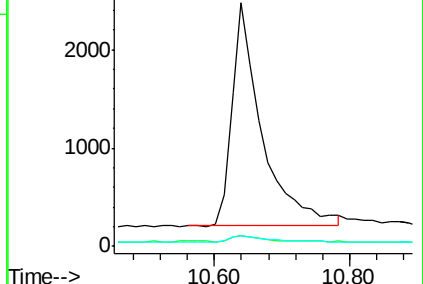
127 4.4 3.1 4.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#11

2-Methylnaphthalene-d10

Concen: 0.399 ng

RT: 12.19 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE098963.D

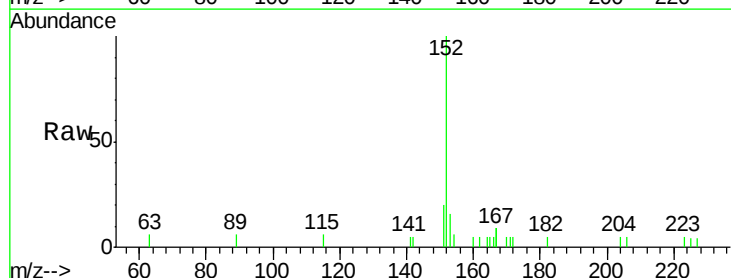
Acq: 15 Mar 2019 3:17

Tgt Ion:152 Resp: 2656

Ion Ratio Lower Upper

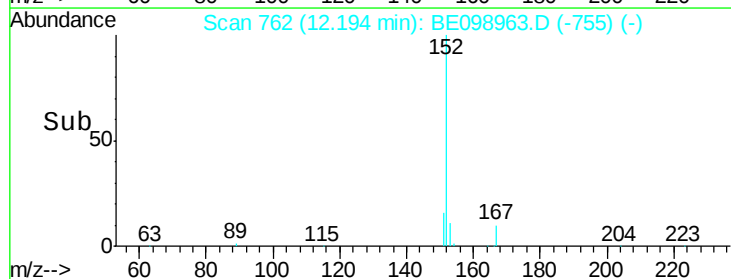
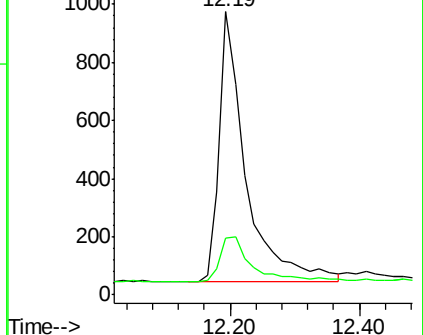
152 100

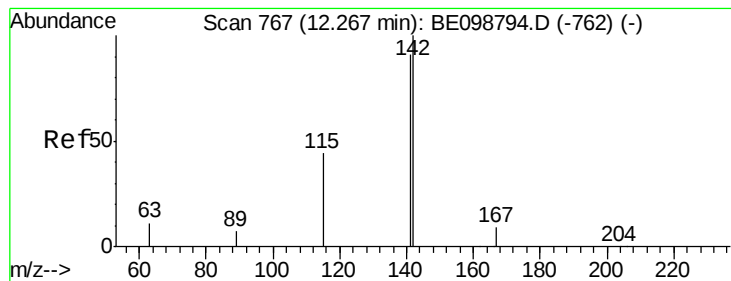
151 19.6 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.084 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.01 min

Lab File: BE098963.D

Acq: 15 Mar 2019 3:17

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW309S-20190313

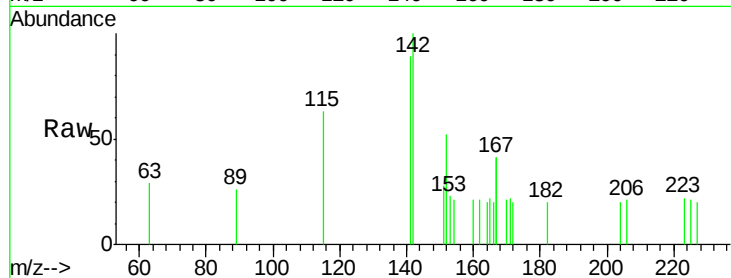
Tgt Ion:142 Resp: 562

Ion Ratio Lower Upper

142 100

141 88.8 72.6 108.8

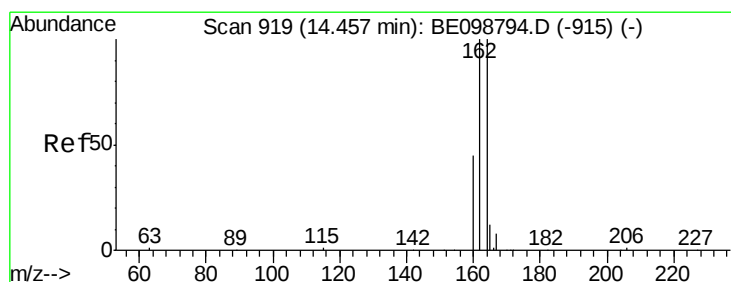
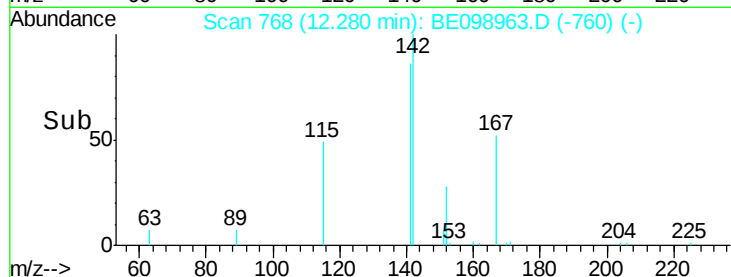
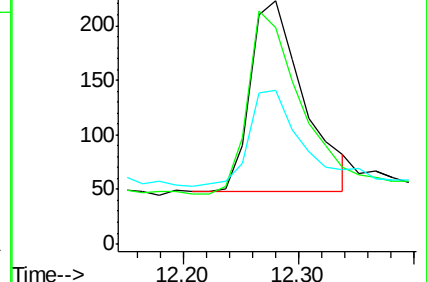
115 63.2 37.4 56.2#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.00 min

Lab File: BE098963.D

Acq: 15 Mar 2019 3:17

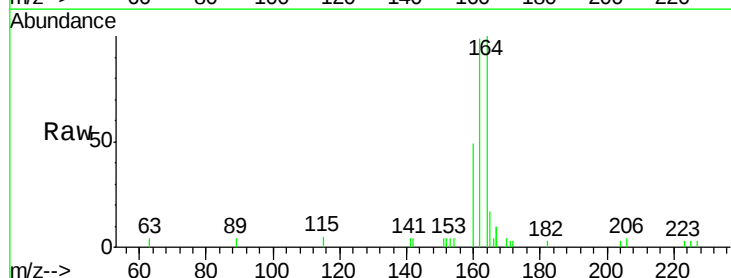
Tgt Ion:164 Resp: 2559

Ion Ratio Lower Upper

164 100

162 99.2 80.2 120.2

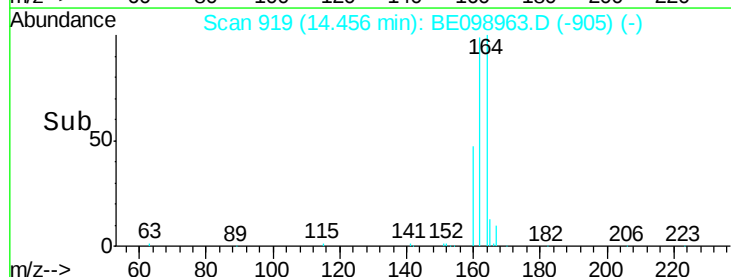
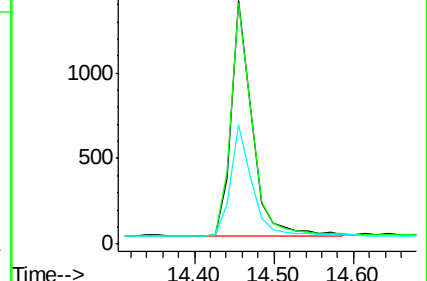
160 48.8 37.8 56.8

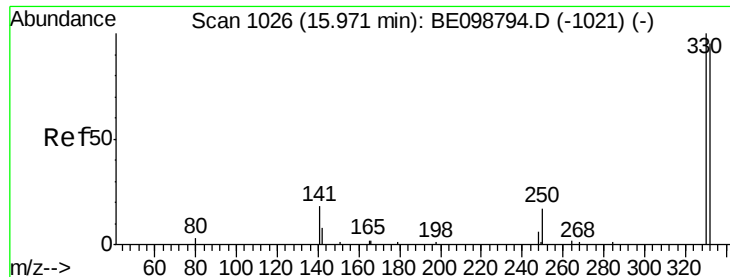


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

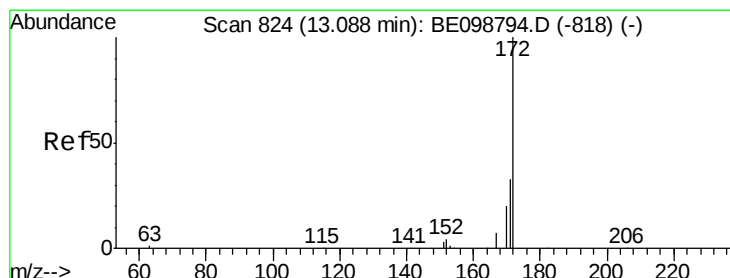
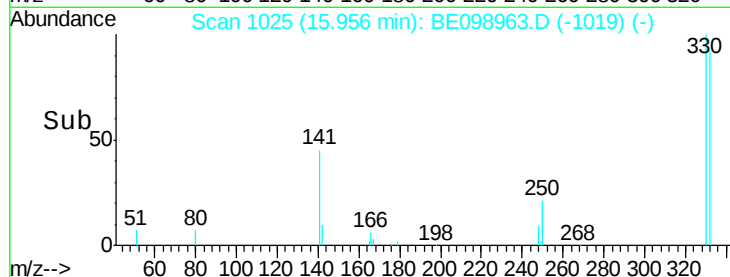
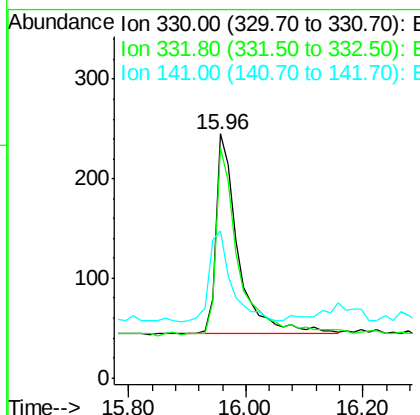
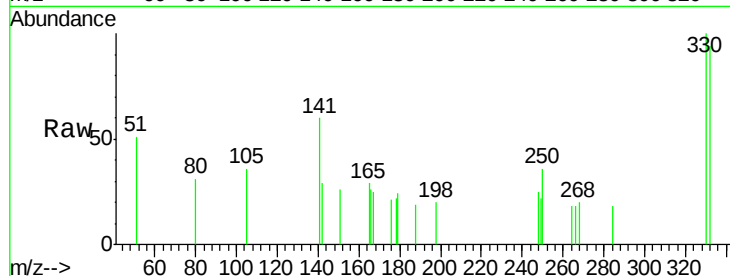




#14
 2,4,6-Tribromophenol
 Concen: 0.416 ng
 RT: 15.96 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BE098963.D
 Acq: 15 Mar 2019 3:17

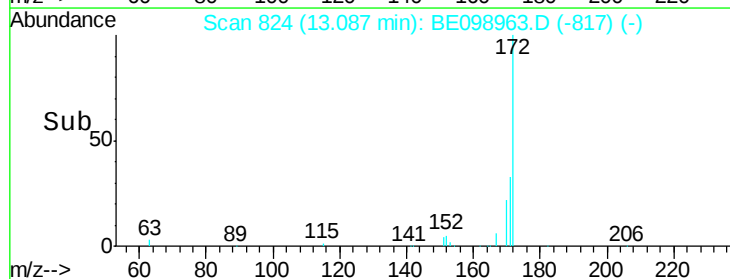
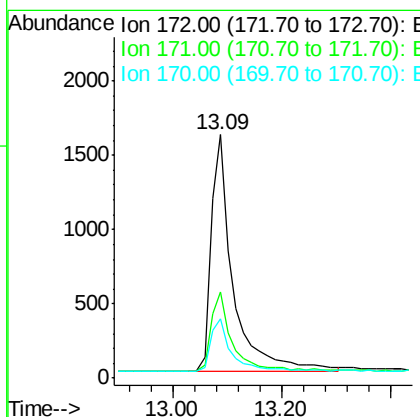
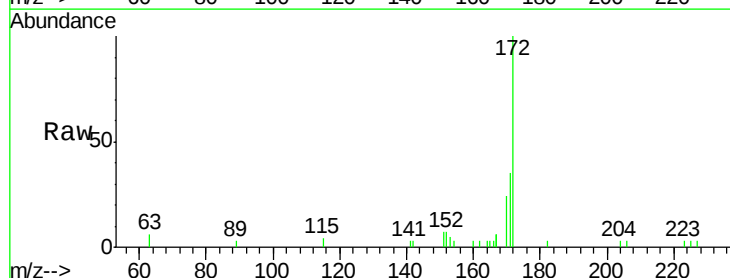
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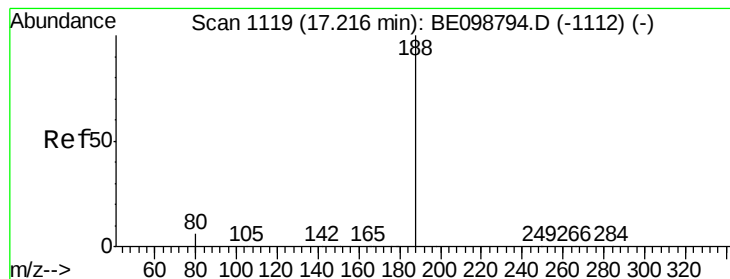
Tgt Ion:	330	Resp:	537
Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.6	116.4
141	44.3	31.0	46.4



#15
 2-Fluorobiphenyl
 Concen: 0.424 ng
 RT: 13.09 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BE098963.D
 Acq: 15 Mar 2019 3:17

Tgt Ion:	172	Resp:	4490
Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.0	42.0
170	24.2	17.7	26.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098963.D

Acq: 15 Mar 2019 3:17

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW309S-20190313

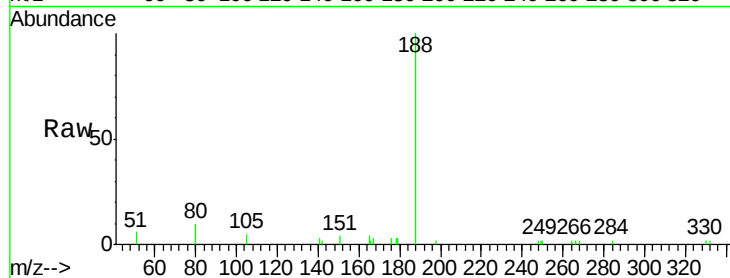
Tgt Ion:188 Resp: 6150

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

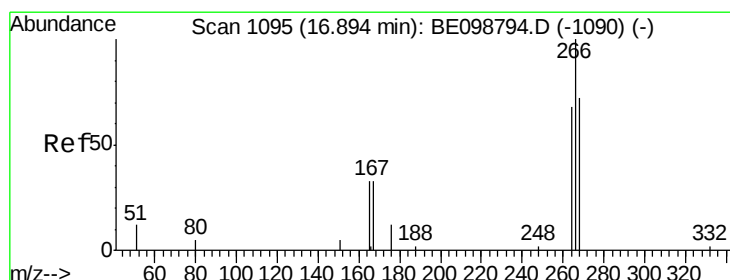
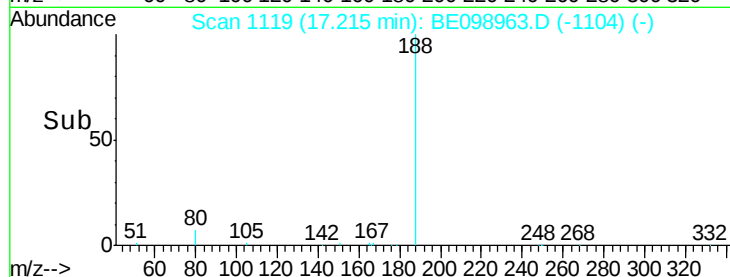
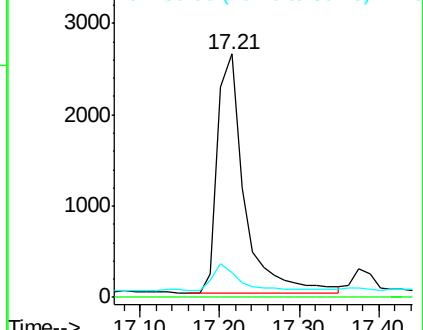
80 10.1 6.3 9.5#



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: 0.285 ng

RT: 16.91 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BE098963.D

Acq: 15 Mar 2019 3:17

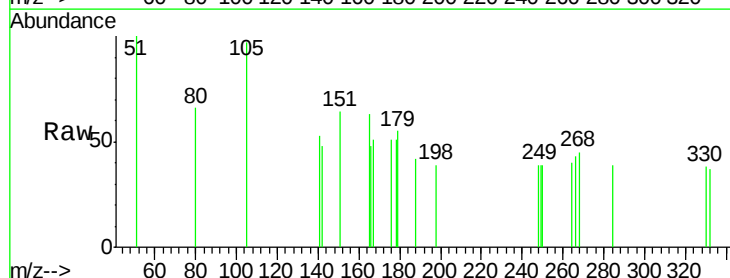
Tgt Ion:266 Resp: 28

Ion Ratio Lower Upper

266 100

264 92.3 66.6 100.0

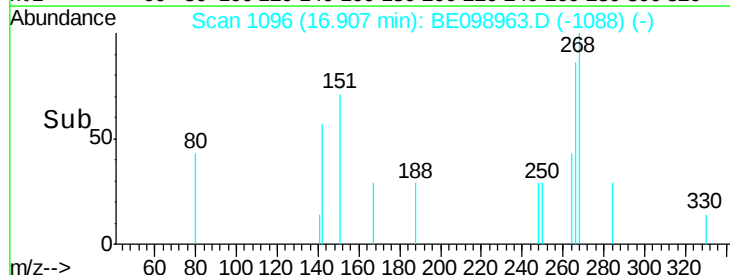
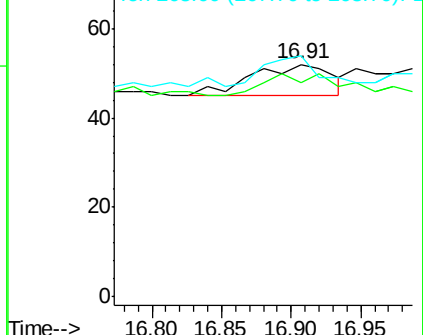
268 103.8 69.8 104.8

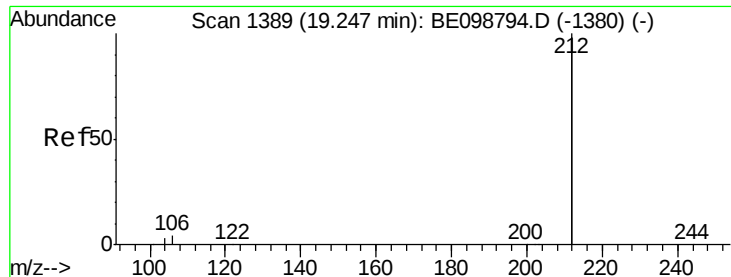


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.390 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BE098963.D

Acq: 15 Mar 2019 3:17

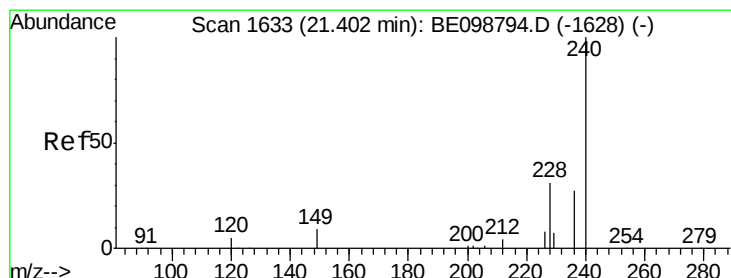
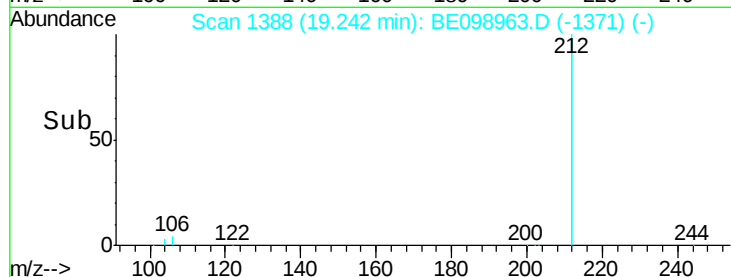
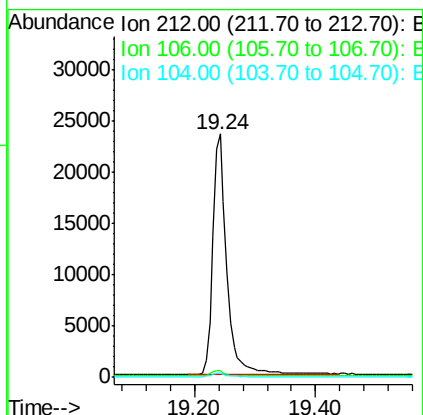
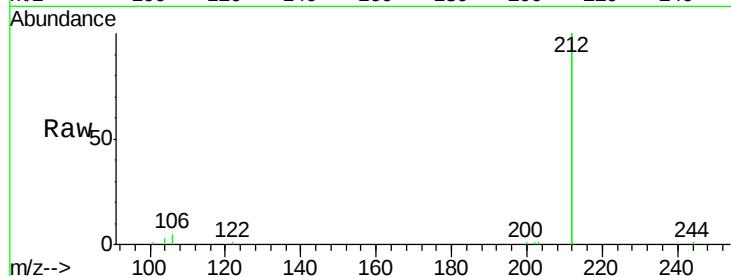
Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW309S-20190313

Tgt Ion:	212	Resp:	38328
Ion	Ratio	Lower	Upper
212	100		
106	2.2	1.8	2.8
104	1.3	1.0	1.6



#27

Chrysene-d12

Concen: 0.400 ng

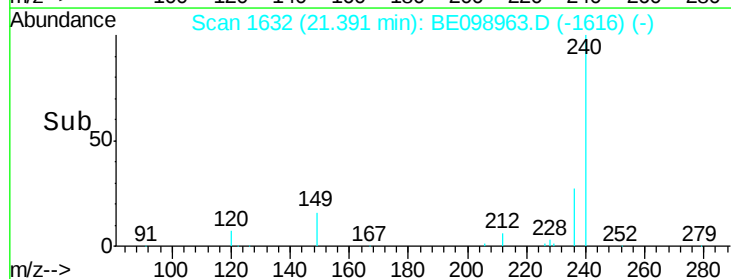
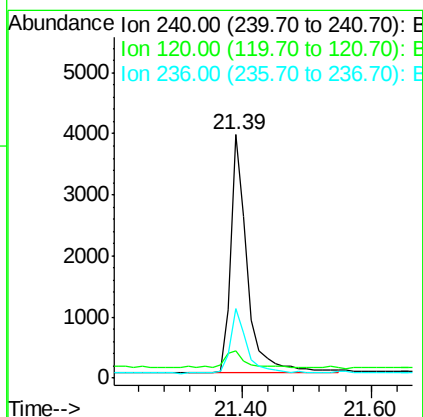
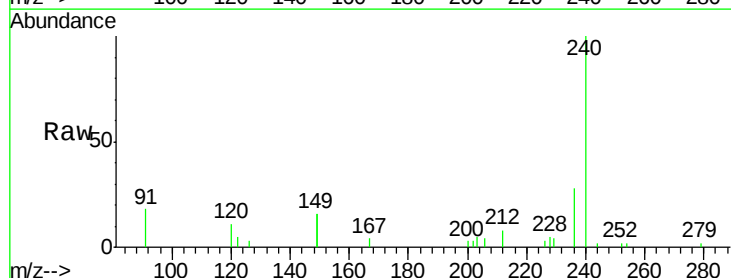
RT: 21.39 min Scan# 1632

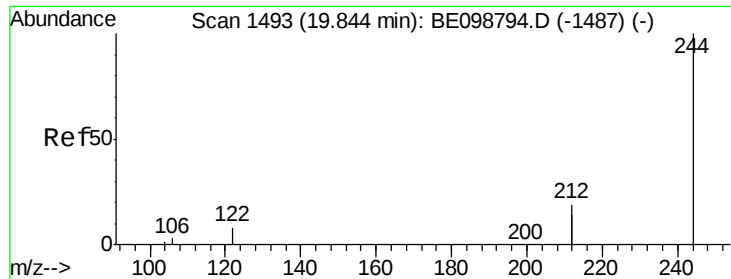
Delta R.T. -0.01 min

Lab File: BE098963.D

Acq: 15 Mar 2019 3:17

Tgt Ion:	240	Resp:	7028
Ion	Ratio	Lower	Upper
240	100		
120	11.3	5.0	7.4#
236	28.3	22.7	34.1





#29

Terphenyl-d14

Concen: 0.452 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BE098963.D

Acq: 15 Mar 2019 3:17

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW309S-20190313

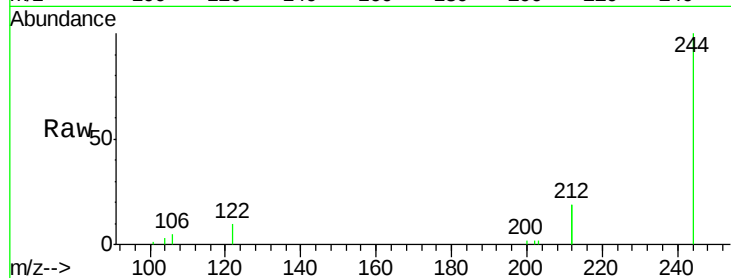
Tgt Ion:244 Resp: 7717

Ion Ratio Lower Upper

244 100

212 38.2 29.4 44.2

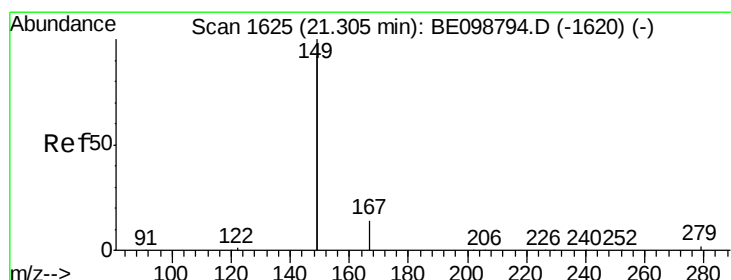
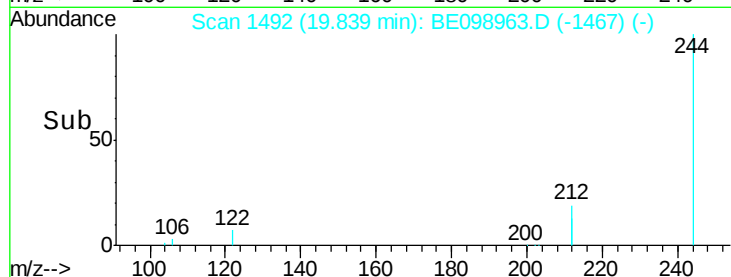
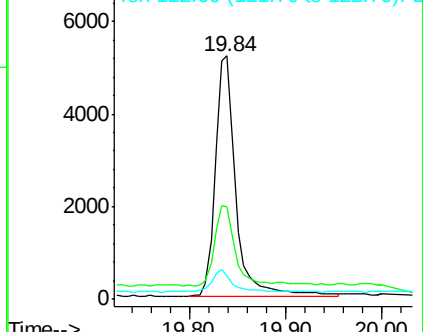
122 9.6 7.1 10.7



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: 0.086 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098963.D

Acq: 15 Mar 2019 3:17

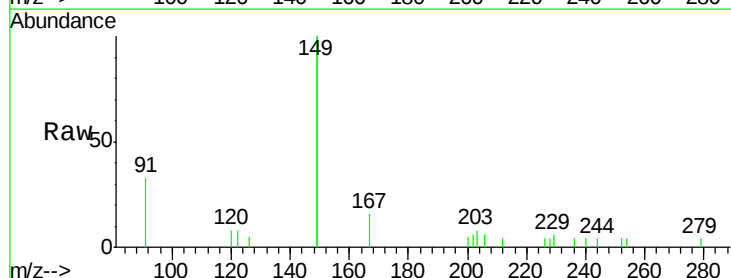
Tgt Ion:149 Resp: 4034

Ion Ratio Lower Upper

149 100

167 8.7 5.4 8.0#

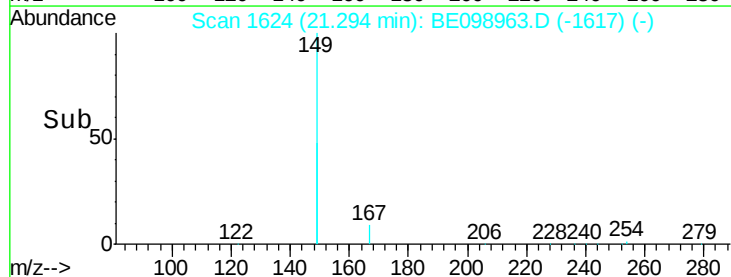
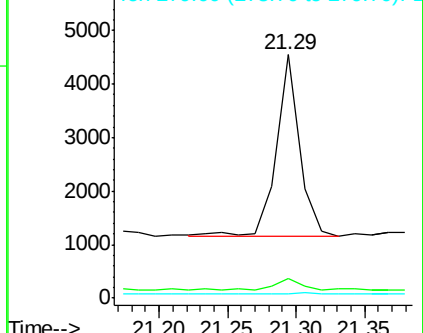
279 1.1 1.0 1.4

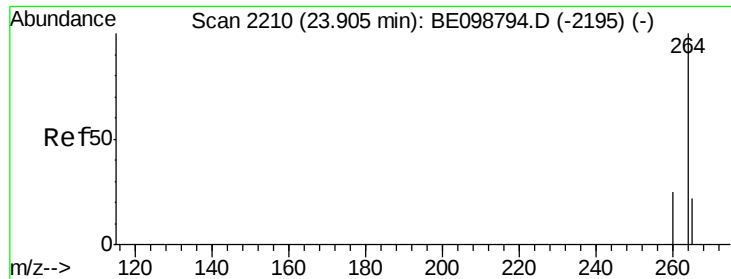


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.89 min Scan# 2205
Delta R.T. -0.02 min
Lab File: BE098963.D
Acq: 15 Mar 2019 3:17

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW309S-20190313

Tgt Ion: 264 Resp: 6760
Ion Ratio Lower Upper
264 100
260 24.4 21.2 31.8
265 29.2 24.6 36.8

