

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031419\
 Data File : BE098962.D
 Acq On : 15 Mar 2019 2:41
 Operator : JU/SJ
 Sample : K1900-13
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW305I-20190313

Quant Time: Mar 15 05:34:16 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	712	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3274	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2255	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	5511	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6560	0.40	ng	0.00
34) Perylene-d12	23.90	264	6352	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.41	112	295	0.14	ng	0.02
5) Phenol-d6	7.00	99	321	0.11	ng	0.01
8) Nitrobenzene-d5	9.00	82	984	0.29	ng	0.04
11) 2-Methylnaphthalene-d10	12.21	152	2324	0.38	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	386	0.34	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4022	0.43	ng	0.00
25) Fluoranthene-d10	19.24	212	32001	0.36	ng	0.00
29) Terphenyl-d14	19.84	244	6486	0.41	ng	0.00

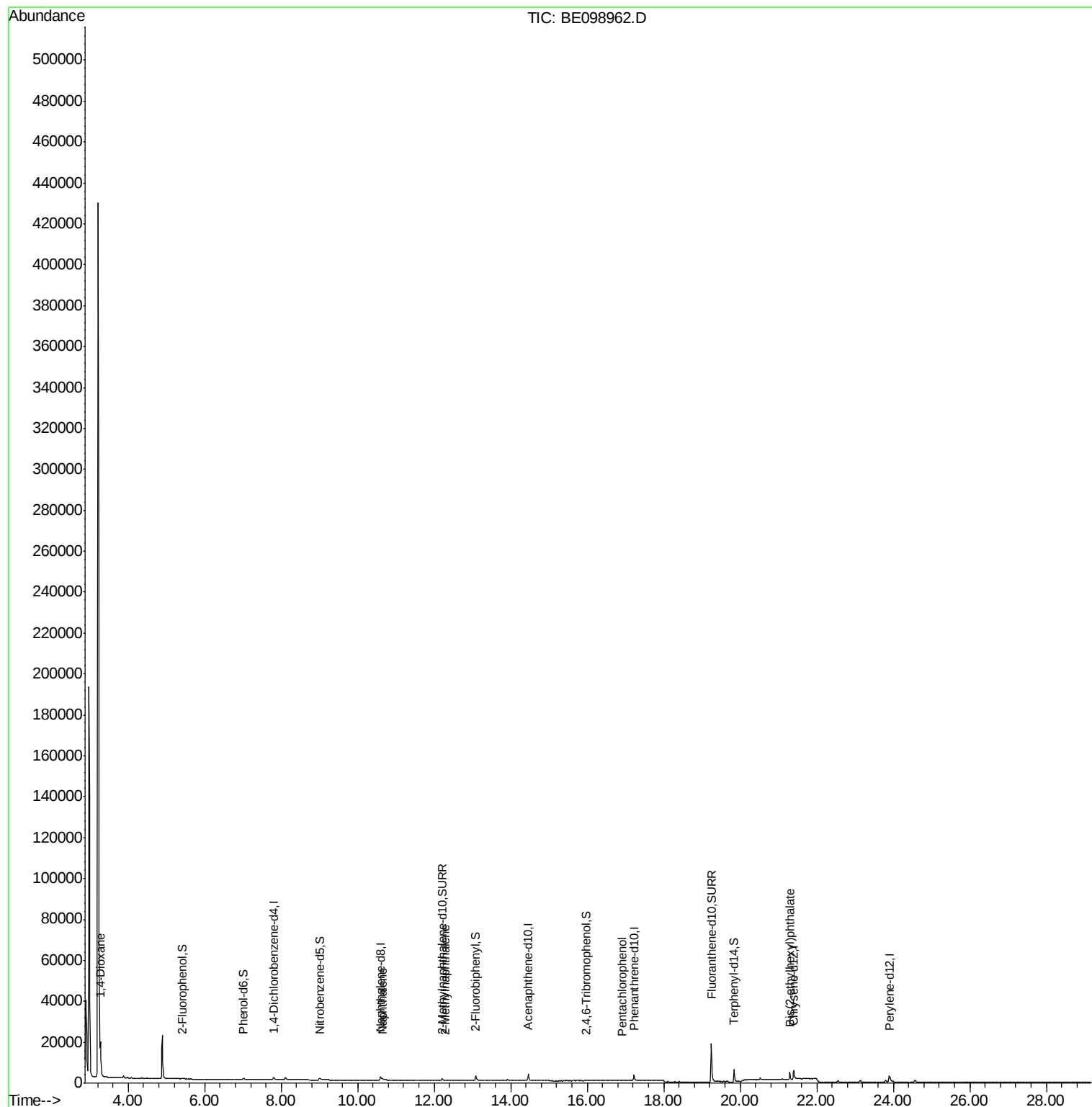
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.28	88	7877	7.082	ng	99
9) Naphthalene	10.65	128	1308	0.035	ng	# 82
12) 2-Methylnaphthalene	12.28	142	205	0.034	ng	# 84
22) Pentachlorophenol	16.92	266	6	0.269	ng	87
32) Bis(2-ethylhexyl)phthalate	21.29	149	3950	0.091	ng	100

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

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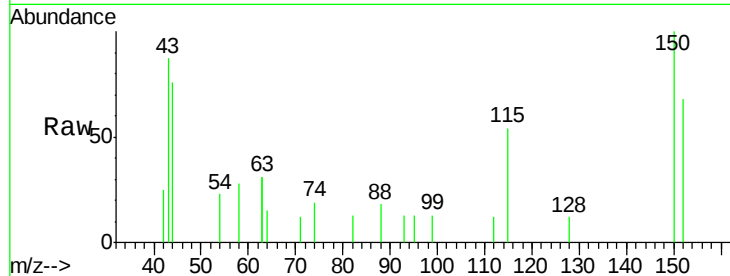


#1

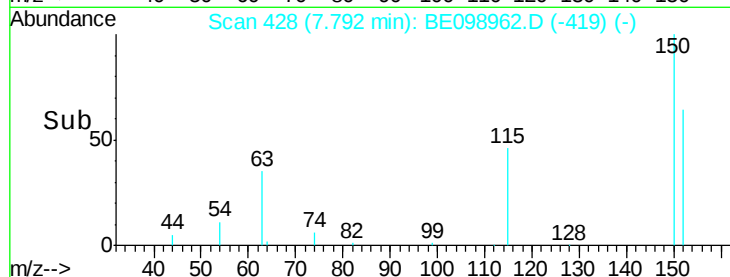
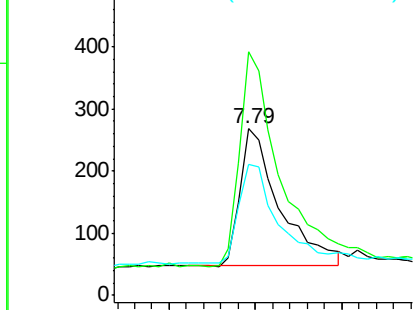
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE098962.D
Acq: 15 Mar 2019 2:41

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW305I-20190313

Tgt Ion: 152 Resp: 712
Ion Ratio Lower Upper
152 100
150 146.3 122.5 183.7
115 78.7 57.4 86.2



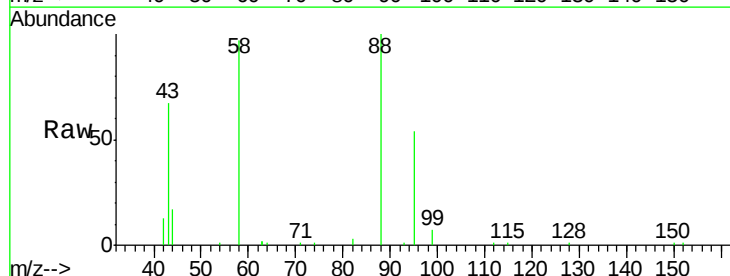
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



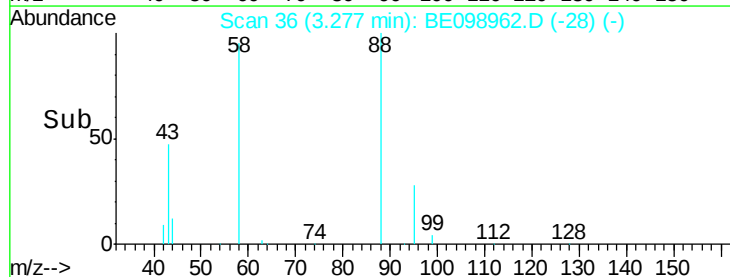
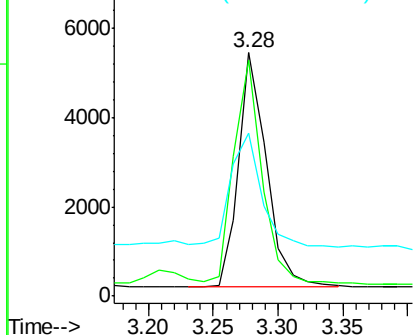
#2

1,4-Dioxane
Concen: 7.082 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098962.D
Acq: 15 Mar 2019 2:41

Tgt Ion: 88 Resp: 7877
Ion Ratio Lower Upper
88 100
58 94.3 75.8 113.6
43 53.1 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: 0.139 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.02 min

Lab File: BE098962.D

Acq: 15 Mar 2019 2:41

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305I-20190313

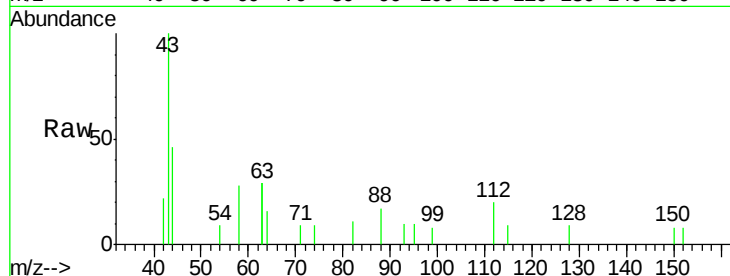
Tgt Ion: 112 Resp: 295

Ion Ratio Lower Upper

112 100

64 99.7 57.9 86.9#

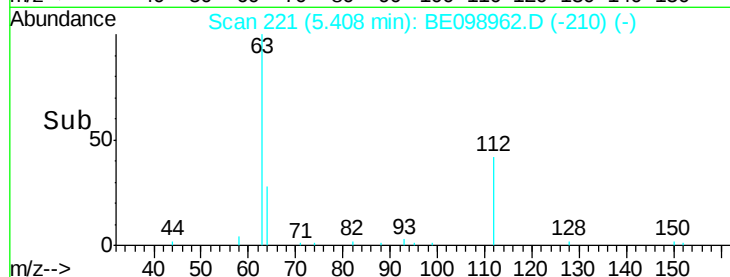
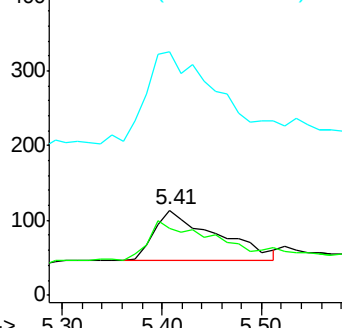
63 212.5 158.3 237.5



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



#5

Phenol-d6

Concen: 0.107 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.01 min

Lab File: BE098962.D

Acq: 15 Mar 2019 2:41

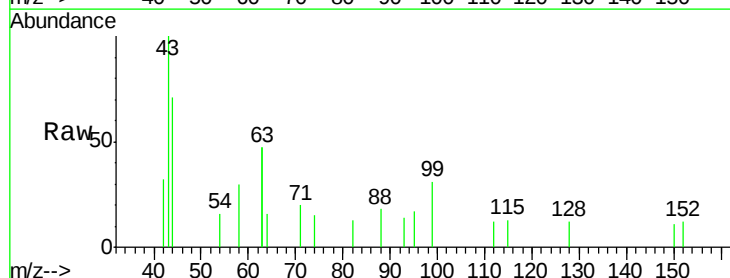
Tgt Ion: 99 Resp: 321

Ion Ratio Lower Upper

99 100

42 45.2 24.2 36.2#

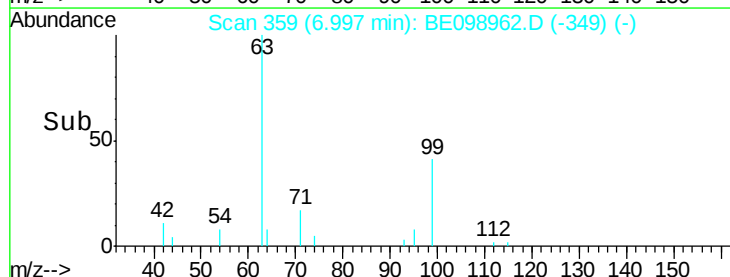
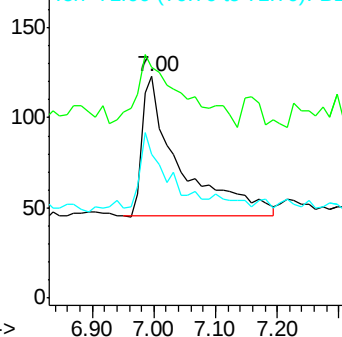
71 38.9 35.7 53.5



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: BE098962.D

Acq: 15 Mar 2019 2:41

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305I-20190313

Tgt Ion: 136 Resp: 3274

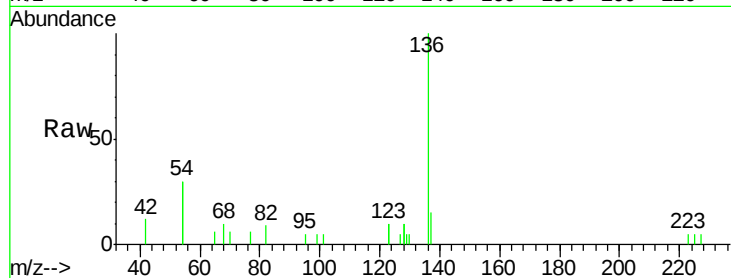
Ion Ratio Lower Upper

136 100

137 14.7 11.4 17.0

54 60.4 39.3 58.9#

68 10.2 6.7 10.1#

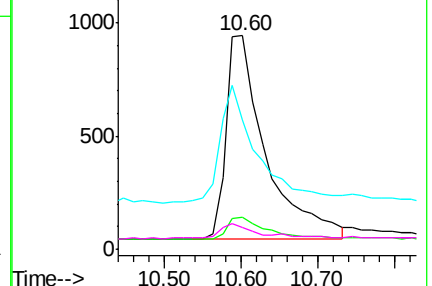
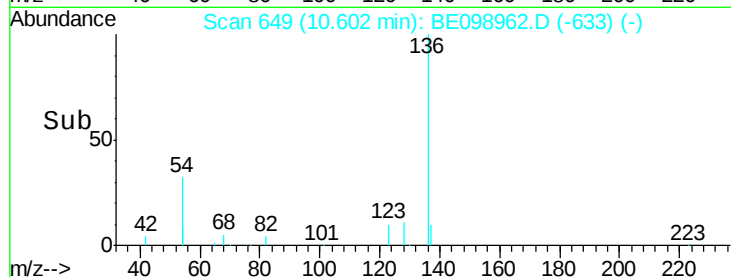


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.287 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.04 min

Lab File: BE098962.D

Acq: 15 Mar 2019 2:41

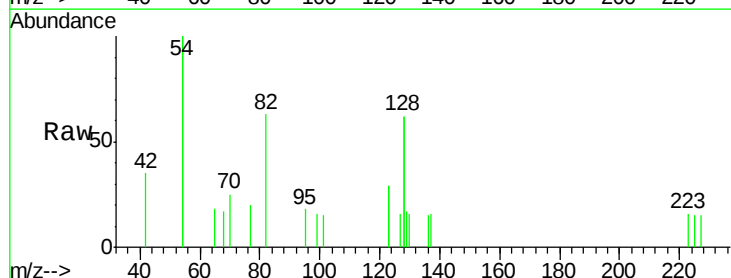
Tgt Ion: 82 Resp: 984

Ion Ratio Lower Upper

82 100

128 197.9 123.8 185.8#

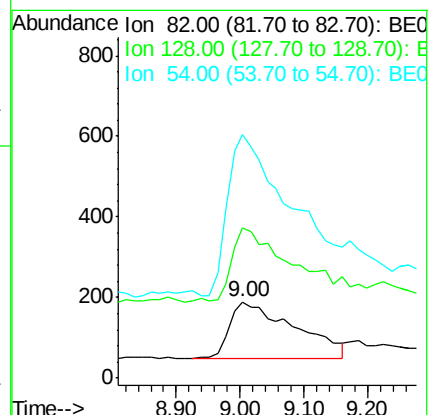
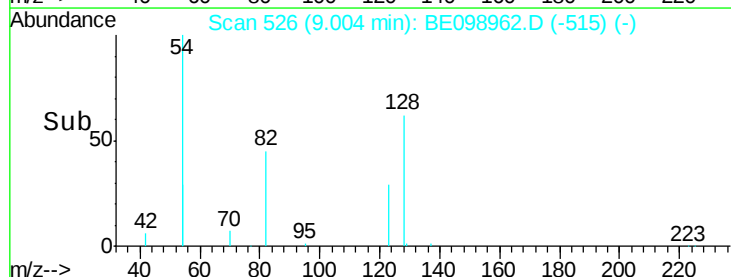
54 319.6 203.4 305.2#

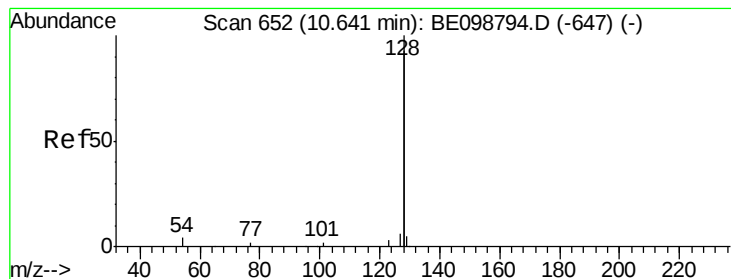


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.035 ng

RT: 10.65 min Scan# 653

Delta R.T. 0.01 min

Lab File: BE098962.D

Acq: 15 Mar 2019 2:41

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305I-20190313

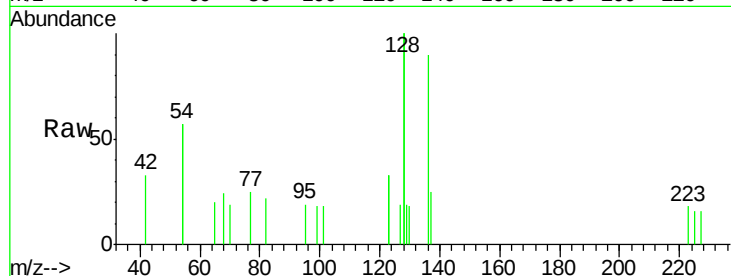
Tgt Ion:128 Resp: 1308

Ion Ratio Lower Upper

128 100

129 9.4 2.6 4.0#

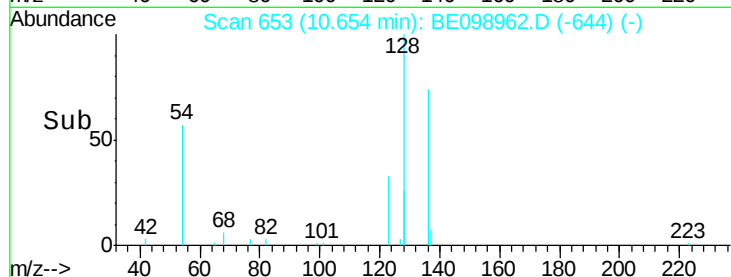
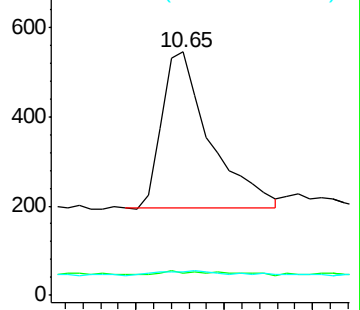
127 9.7 3.1 4.7#



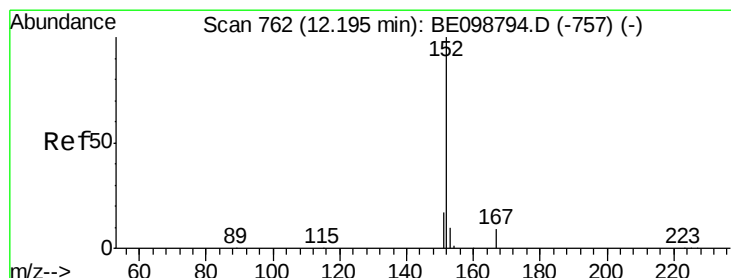
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.384 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.01 min

Lab File: BE098962.D

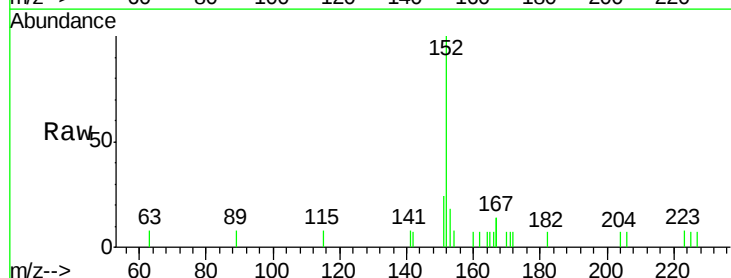
Acq: 15 Mar 2019 2:41

Tgt Ion:152 Resp: 2324

Ion Ratio Lower Upper

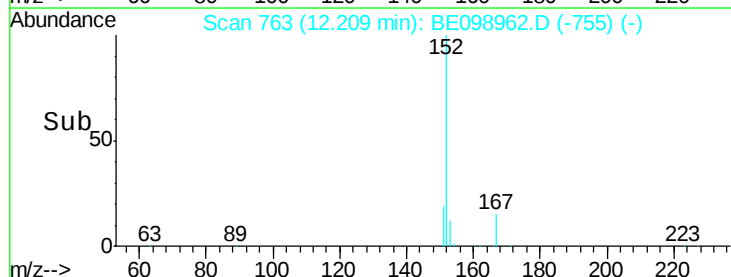
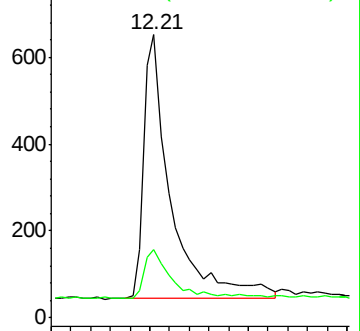
152 100

151 17.6 16.5 24.7

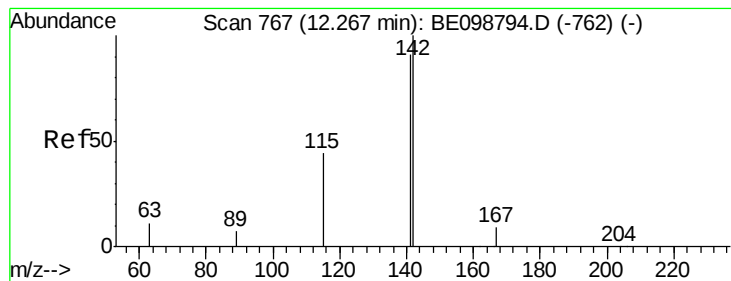


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



Time-->



#12

2-Methylnaphthalene

Concen: 0.034 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.01 min

Lab File: BE098962.D

Acq: 15 Mar 2019 2:41

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305I-20190313

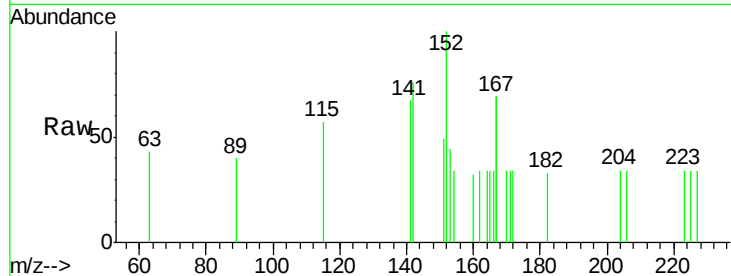
Tgt Ion:142 Resp: 205

Ion Ratio Lower Upper

142 100

141 88.2 72.6 108.8

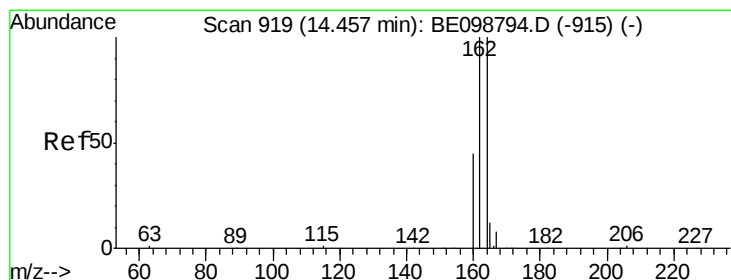
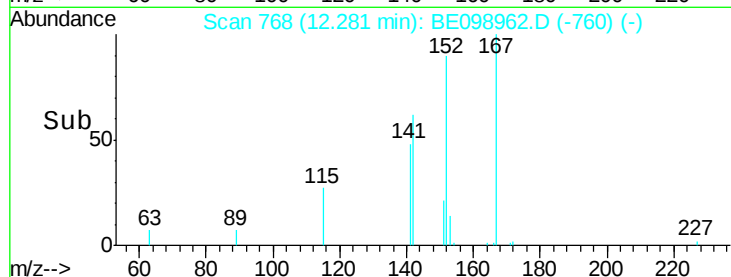
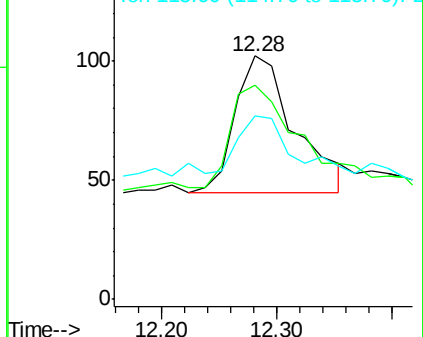
115 75.5 37.4 56.2#



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: BE098962.D

Acq: 15 Mar 2019 2:41

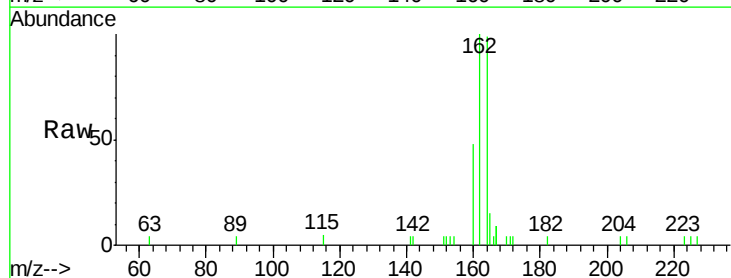
Tgt Ion:164 Resp: 2255

Ion Ratio Lower Upper

164 100

162 100.6 80.2 120.2

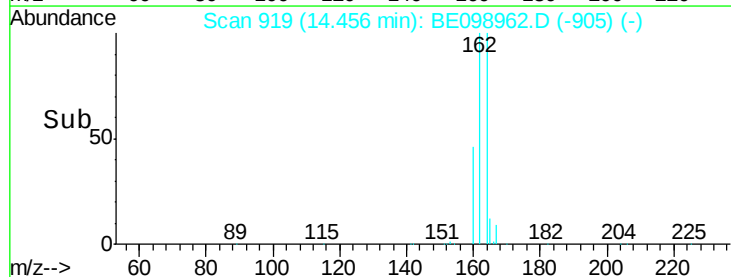
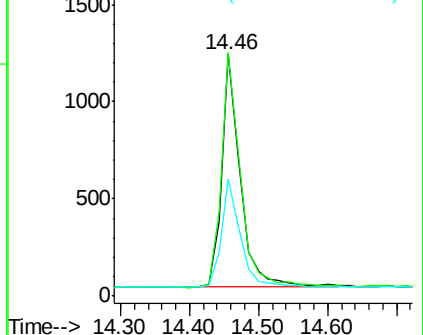
160 48.4 37.8 56.8

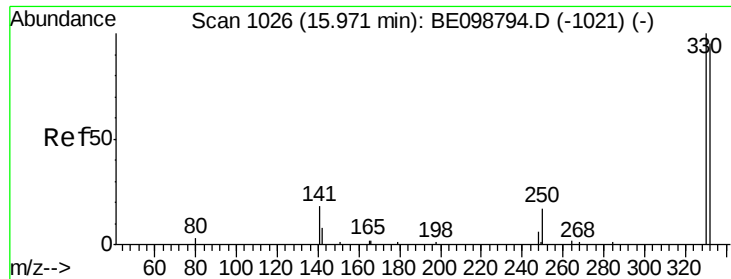


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

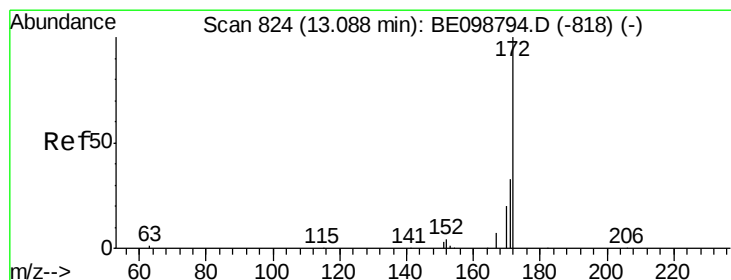
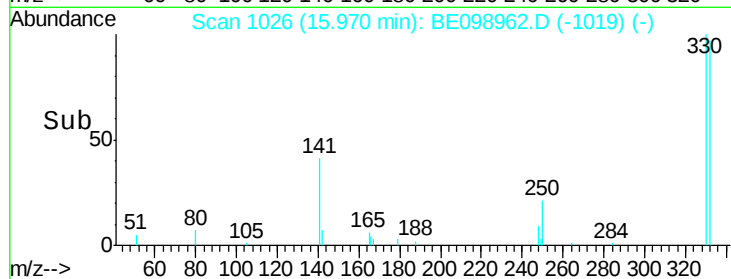
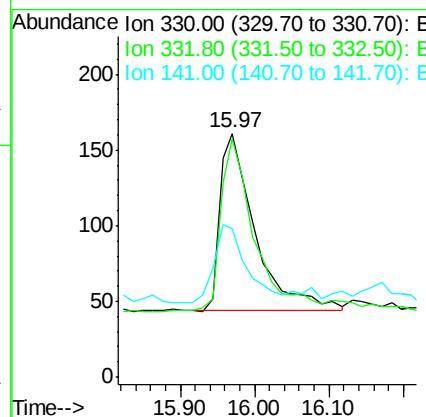
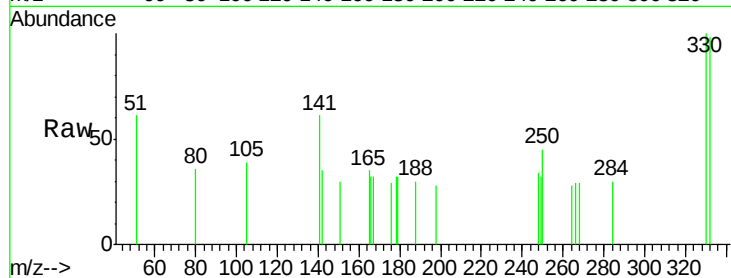




#14
 2,4,6-Tribromophenol
 Concen: 0.339 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE098962.D
 Acq: 15 Mar 2019 2:41

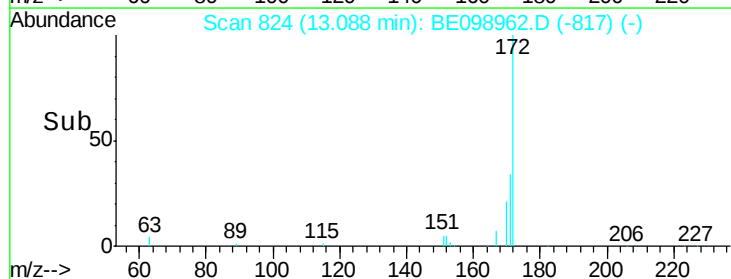
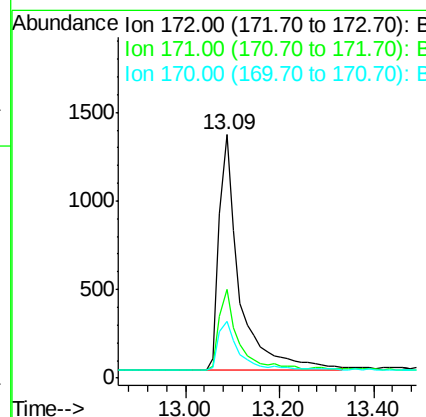
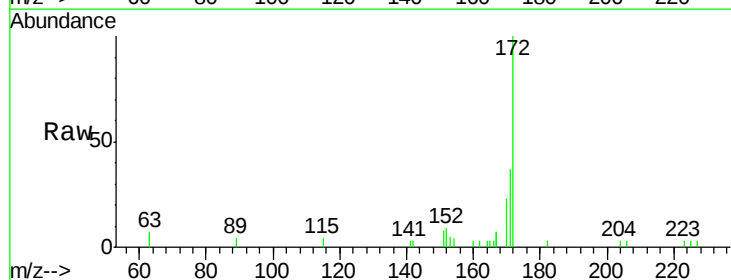
Instrument :
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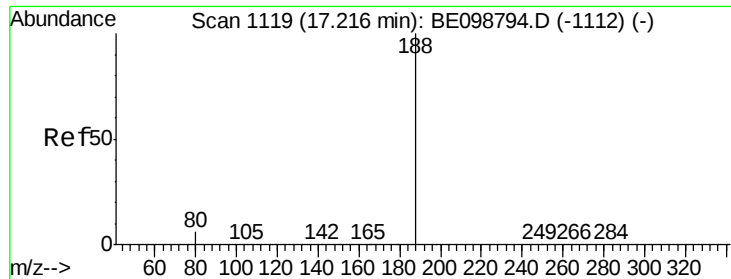
Tgt Ion: 330 Resp: 386
 Ion Ratio Lower Upper
 330 100
 332 91.5 77.6 116.4
 141 41.2 31.0 46.4



#15
 2-Fluorobiphenyl
 Concen: 0.431 ng
 RT: 13.09 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BE098962.D
 Acq: 15 Mar 2019 2:41

Tgt Ion: 172 Resp: 4022
 Ion Ratio Lower Upper
 172 100
 171 36.7 28.0 42.0
 170 23.4 17.7 26.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.22 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098962.D

Acq: 15 Mar 2019 2:41

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305I-20190313

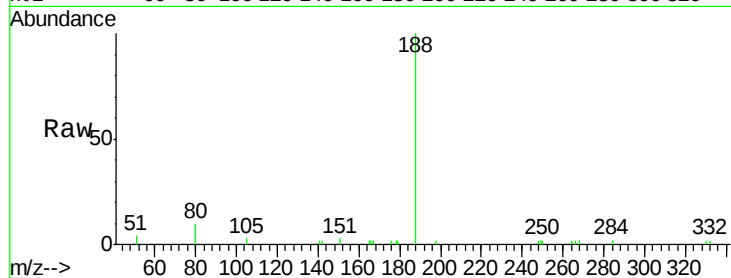
Tgt Ion:188 Resp: 5511

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

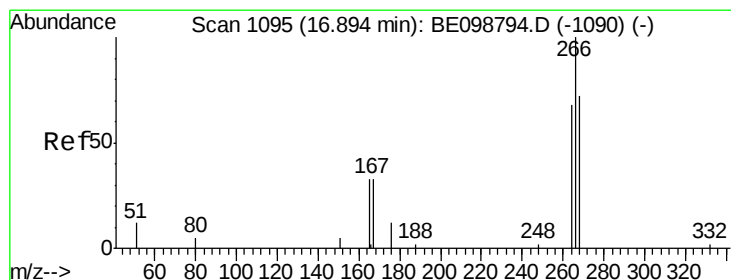
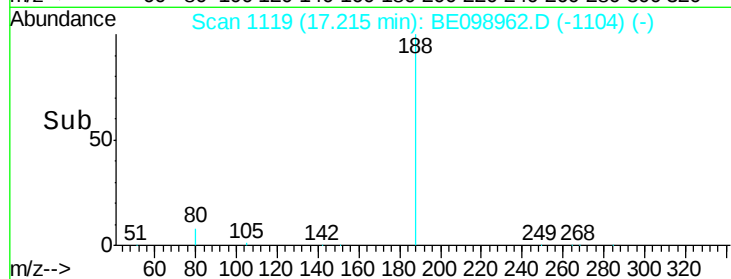
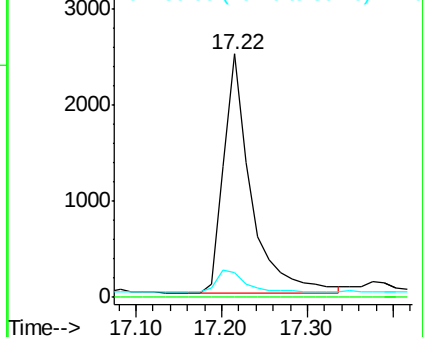
80 10.0 6.3 9.5#



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: 0.269 ng

RT: 16.92 min Scan# 1097

Delta R.T. 0.03 min

Lab File: BE098962.D

Acq: 15 Mar 2019 2:41

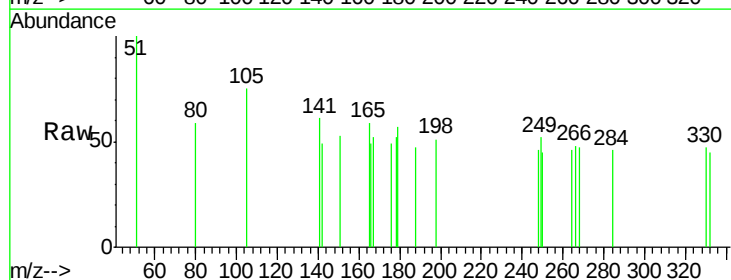
Tgt Ion:266 Resp: 6

Ion Ratio Lower Upper

266 100

264 95.7 66.6 100.0

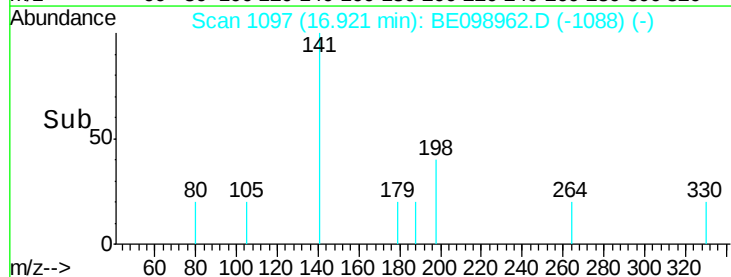
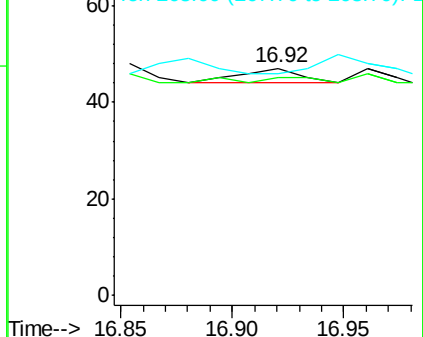
268 97.9 69.8 104.8

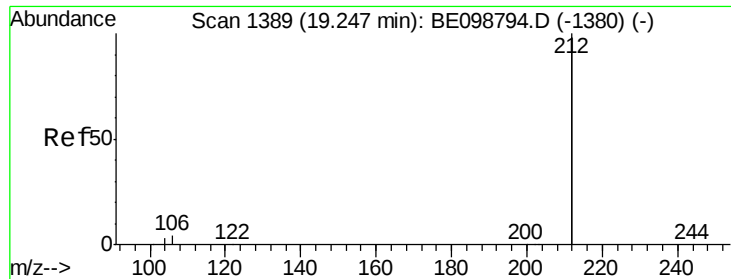


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.364 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE098962.D

Acq: 15 Mar 2019 2:41

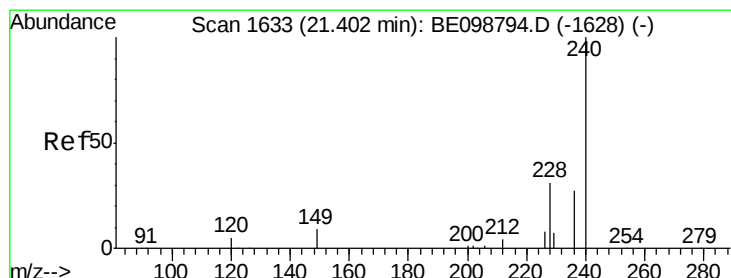
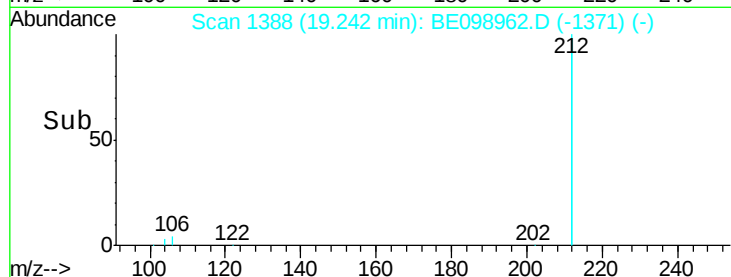
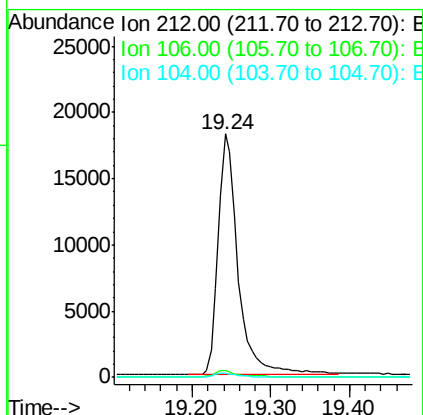
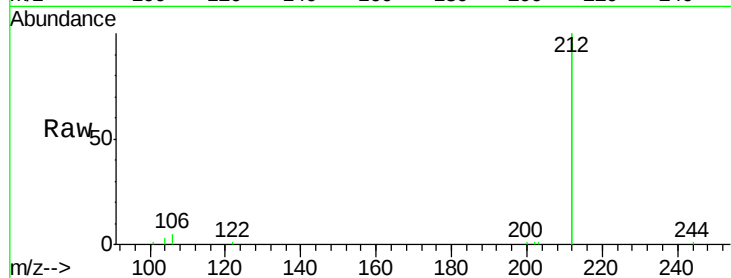
Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305I-20190313

Tgt Ion:	212	Resp:	32001
Ion	Ratio	Lower	Upper
212	100		
106	2.4	1.8	2.8
104	1.3	1.0	1.6



#27

Chrysene-d12

Concen: 0.400 ng

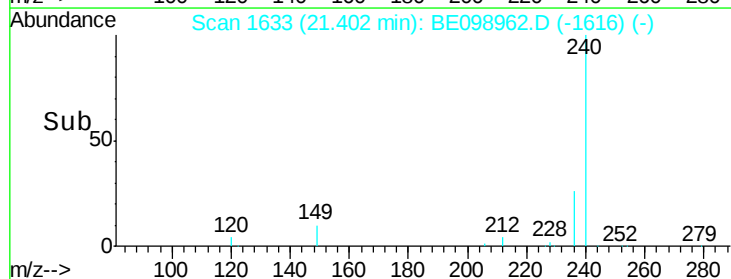
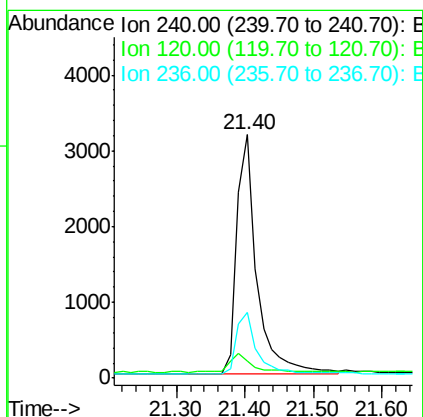
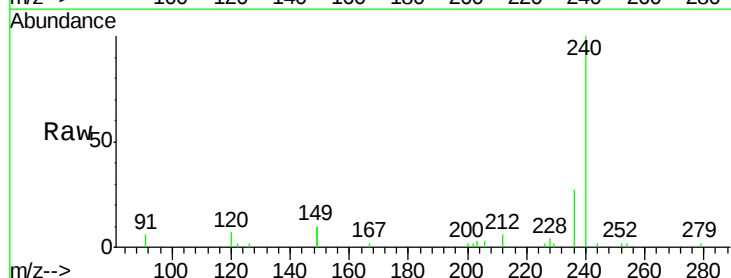
RT: 21.40 min Scan# 1633

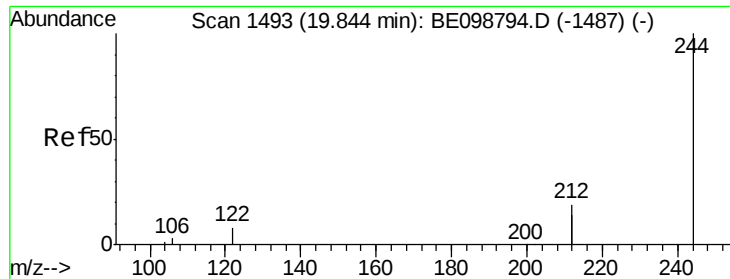
Delta R.T. -0.00 min

Lab File: BE098962.D

Acq: 15 Mar 2019 2:41

Tgt Ion:	240	Resp:	6560
Ion	Ratio	Lower	Upper
240	100		
120	7.0	5.0	7.4
236	27.3	22.7	34.1

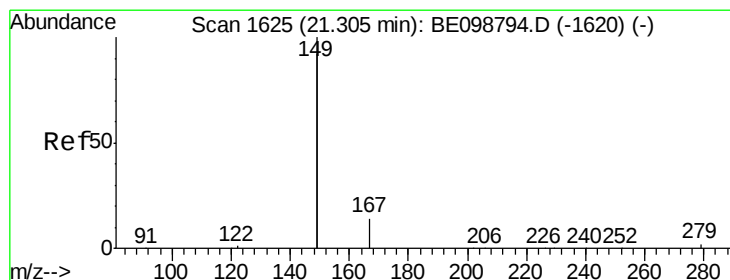
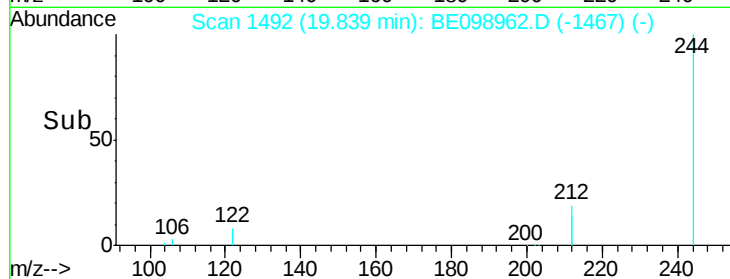
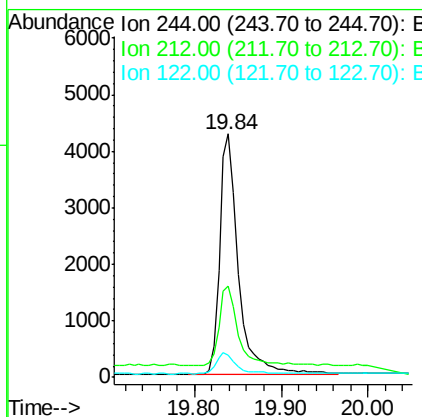
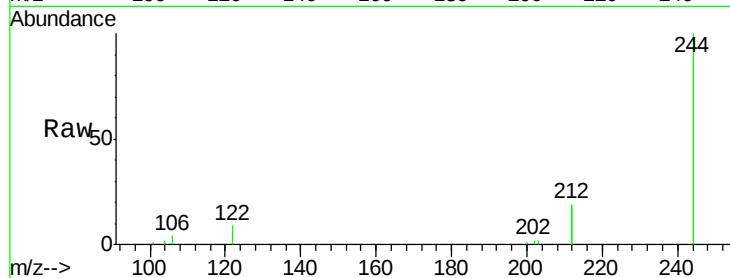




#29
 Terphenyl-d14
 Concen: 0.407 ng
 RT: 19.84 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BE098962.D
 Acq: 15 Mar 2019 2:41

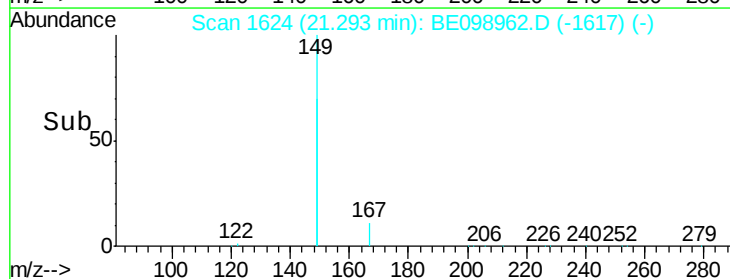
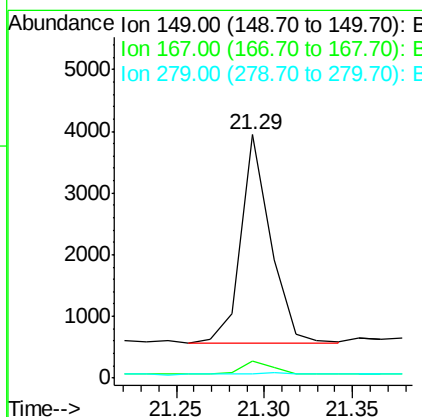
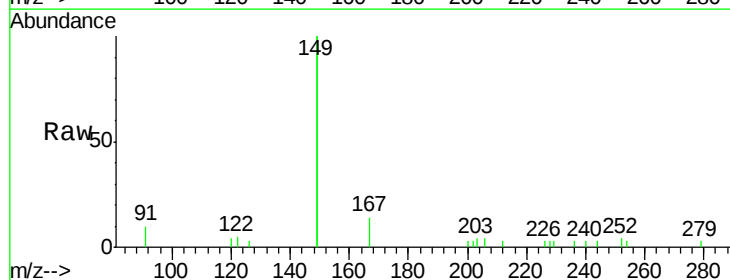
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW305I-20190313

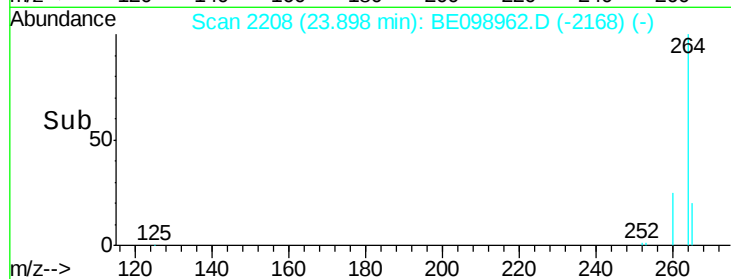
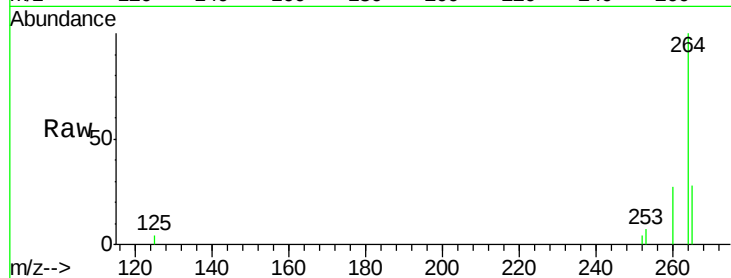
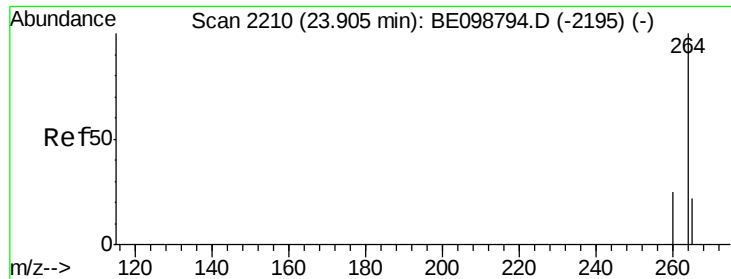
Tgt Ion: 244 Resp: 6486
 Ion Ratio Lower Upper
 244 100
 212 37.6 29.4 44.2
 122 9.1 7.1 10.7



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.091 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BE098962.D
 Acq: 15 Mar 2019 2:41

Tgt Ion: 149 Resp: 3950
 Ion Ratio Lower Upper
 149 100
 167 6.8 5.4 8.0
 279 1.4 1.0 1.4





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BE098962.D
Acq: 15 Mar 2019 2:41

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW305I-20190313

Tgt Ion: 264 Resp: 6352
Ion Ratio Lower Upper
264 100
260 26.9 21.2 31.8
265 27.8 24.6 36.8

