

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031819\
 Data File : BE099009.D
 Acq On : 18 Mar 2019 20:16
 Operator : JU/SJ
 Sample : K19137-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW310S-20190314

Quant Time: Mar 19 01:53:41 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

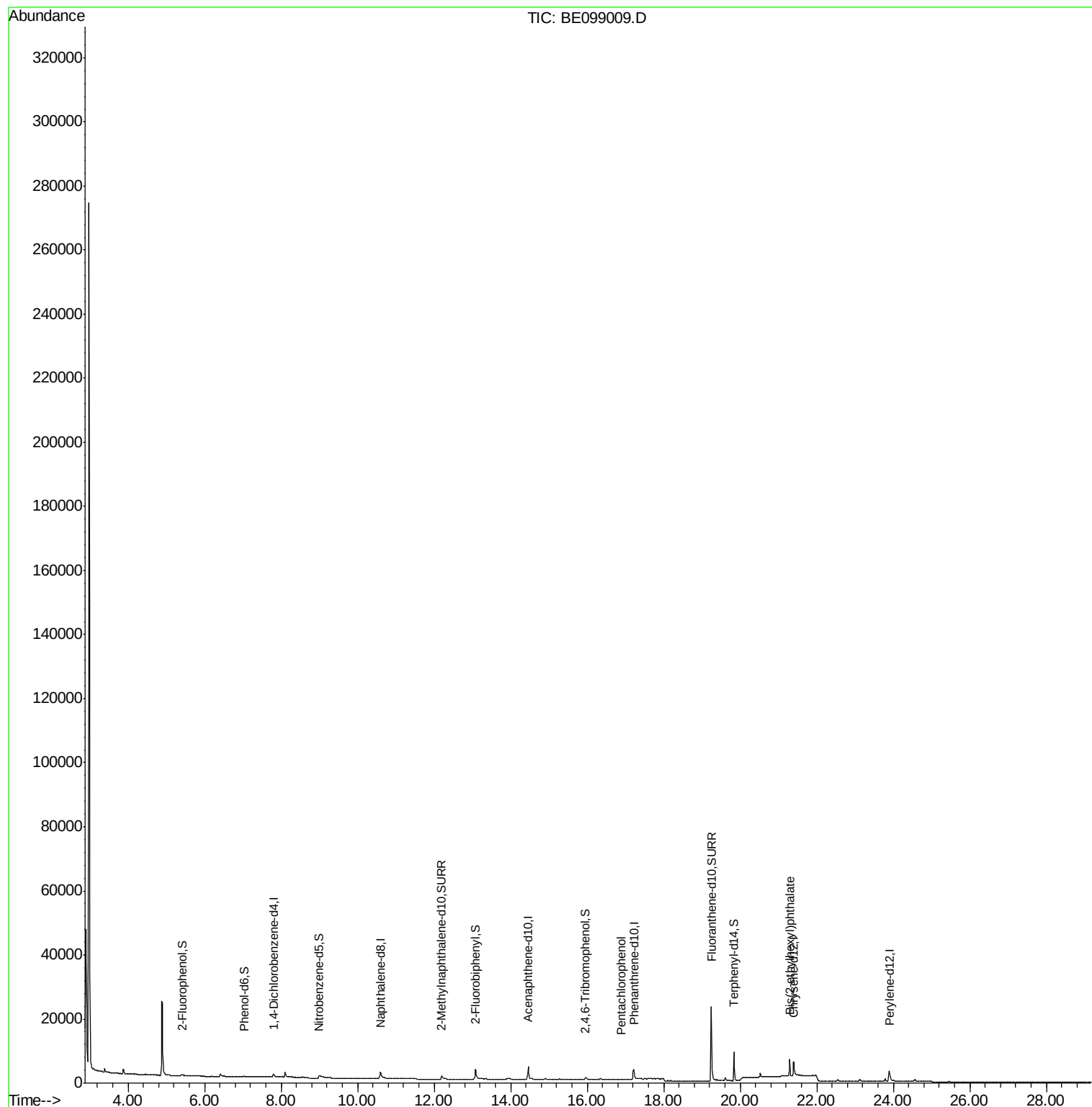
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	815	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	3801	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2702	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6833	0.40	ng	0.00
27) Chrysene-d12	21.40	240	7328	0.40	ng	0.00
34) Perylene-d12	23.89	264	6850	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.42	112	346	0.14	ng	0.04
5) Phenol-d6	7.02	99	126	0.04	ng	0.04
8) Nitrobenzene-d5	8.99	82	1326	0.33	ng	0.02
11) 2-Methylnaphthalene-d10	12.19	152	2889	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	525	0.38	ng	-0.01
15) 2-Fluorobiphenyl	13.07	172	5277	0.47	ng	-0.01
25) Fluoranthene-d10	19.24	212	39564	0.36	ng	0.00
29) Terphenyl-d14	19.83	244	9520	0.53	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.29	88	60	Below Cal		Qvalue # 1
22) Pentachlorophenol	16.88	266	7	0.269	ng	87
32) Bis(2-ethylhexyl)phthalate	21.29	149	6049	0.124	ng	99

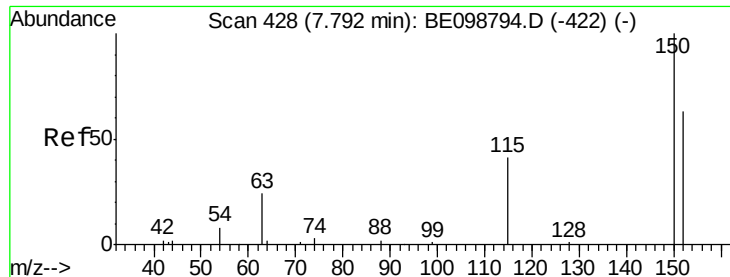
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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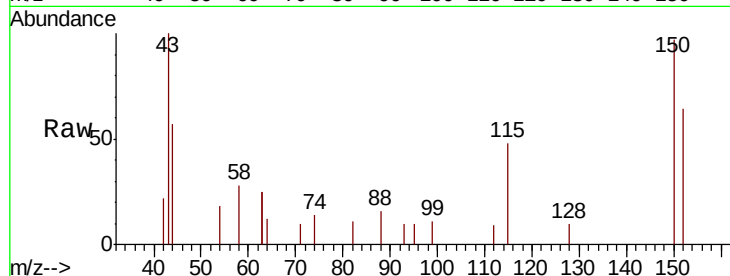


#1

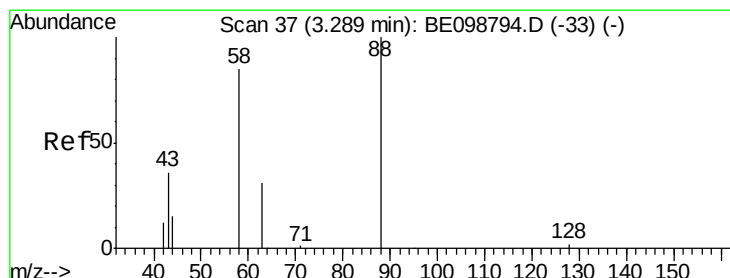
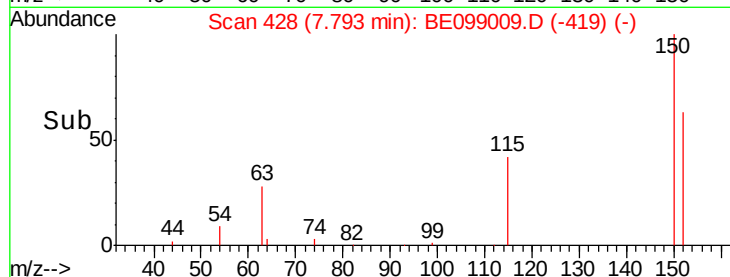
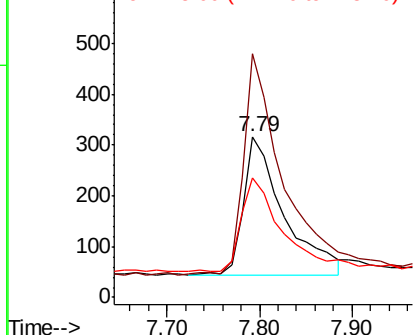
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE099009.D
Acq: 18 Mar 2019 20:16

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW310S-20190314

Tgt Ion: 152 Resp: 815
Ion Ratio Lower Upper
152 100
150 151.1 122.5 183.7
115 74.1 57.4 86.2



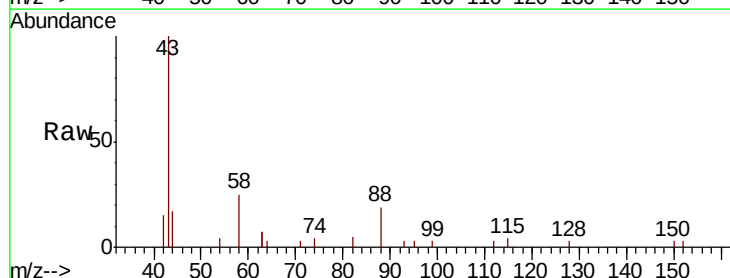
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



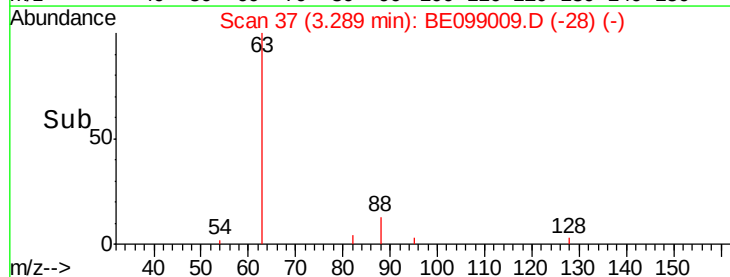
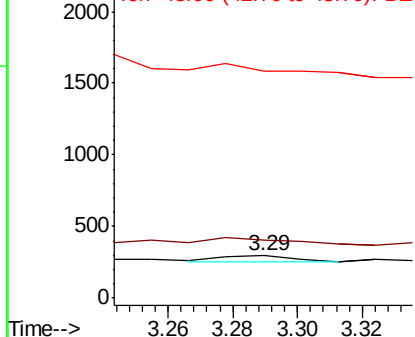
#2

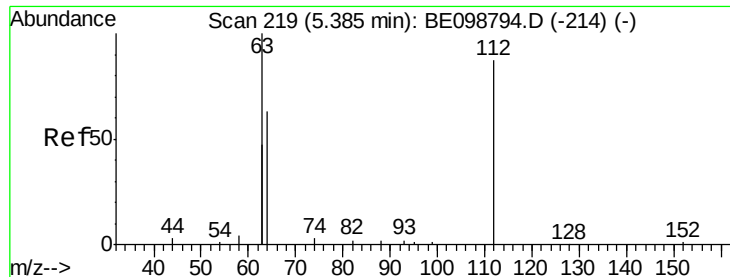
1,4-Dioxane
Concen: Below Cal
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE099009.D
Acq: 18 Mar 2019 20:16

Tgt Ion: 88 Resp: 60
Ion Ratio Lower Upper
88 100
58 206.7 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: 0.142 ng

RT: 5.42 min Scan# 222

Delta R.T. 0.04 min

Lab File: BE099009.D

Acq: 18 Mar 2019 20:16

Instrument :

BNA_E

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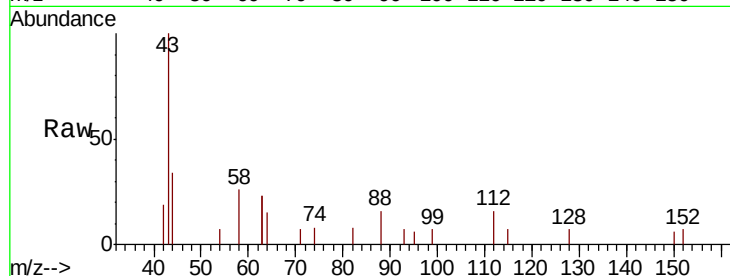
Tgt Ion: 112 Resp: 346

Ion Ratio Lower Upper

112 100

64 0.0 57.9 86.9#

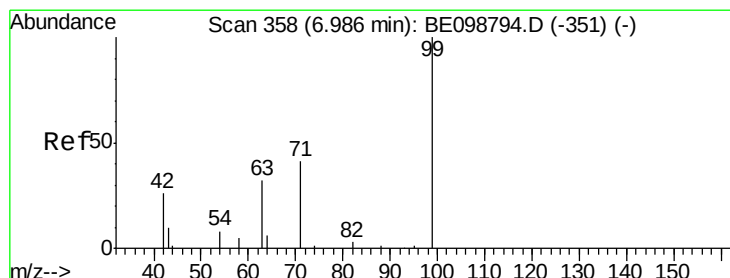
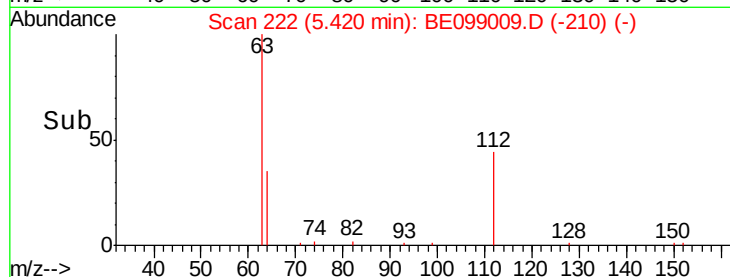
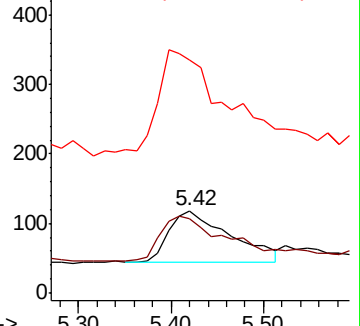
63 0.0 158.3 237.5#



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: 0.037 ng

RT: 7.02 min Scan# 361

Delta R.T. 0.04 min

Lab File: BE099009.D

Acq: 18 Mar 2019 20:16

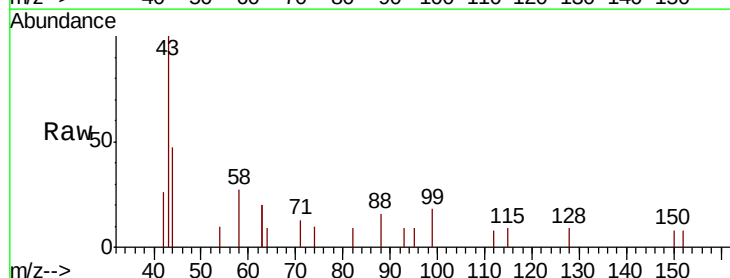
Tgt Ion: 99 Resp: 126

Ion Ratio Lower Upper

99 100

42 121.4 24.2 36.2#

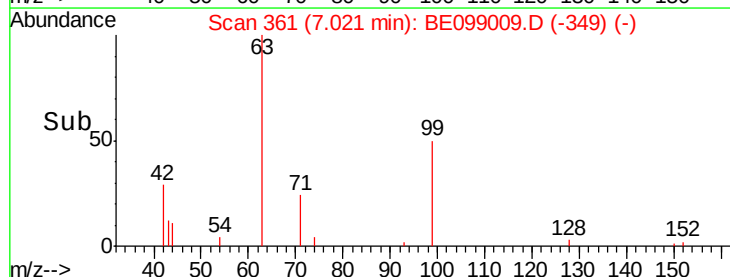
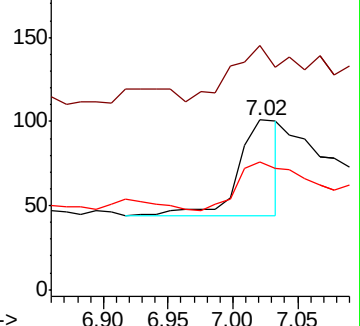
71 88.1 35.7 53.5#

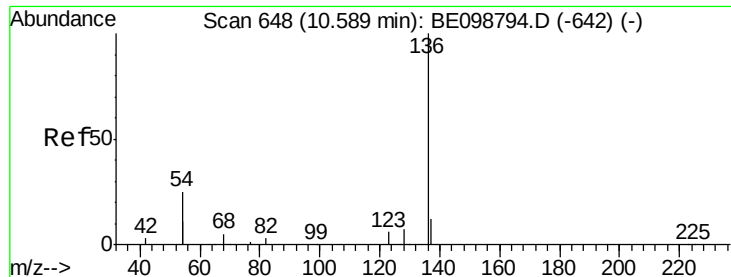


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE099009.D

Acq: 18 Mar 2019 20:16

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW310S-20190314

Tgt Ion:136 Resp: 3801

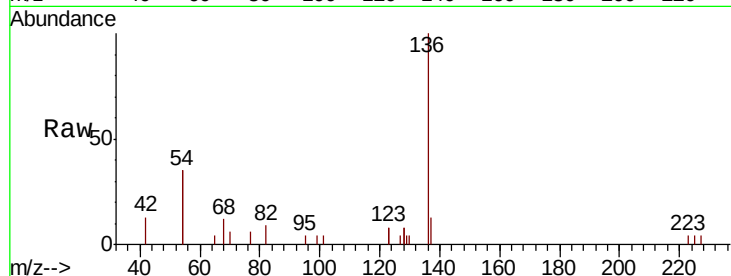
Ion Ratio Lower Upper

136 100

137 13.1 11.4 17.0

54 70.8 39.3 58.9#

68 11.6 6.7 10.1#

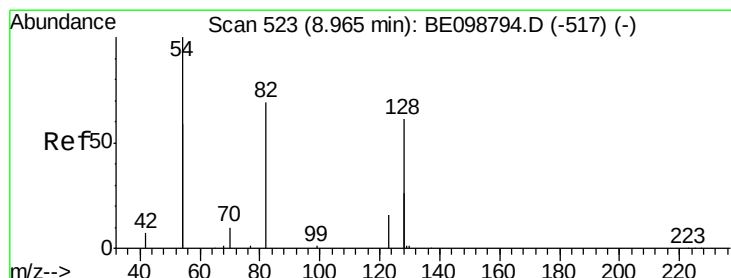
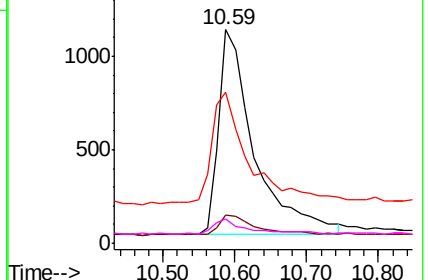
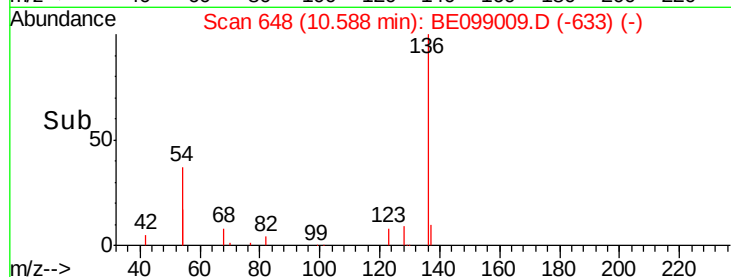


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.333 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.02 min

Lab File: BE099009.D

Acq: 18 Mar 2019 20:16

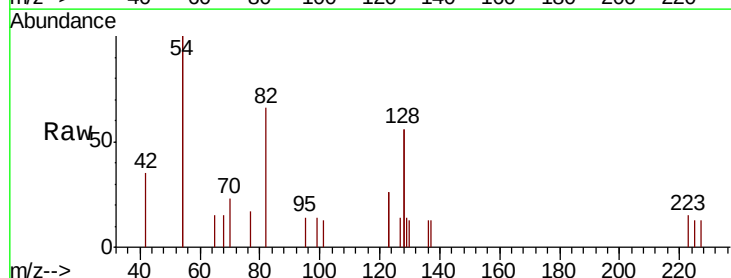
Tgt Ion: 82 Resp: 1326

Ion Ratio Lower Upper

82 100

128 169.8 123.8 185.8

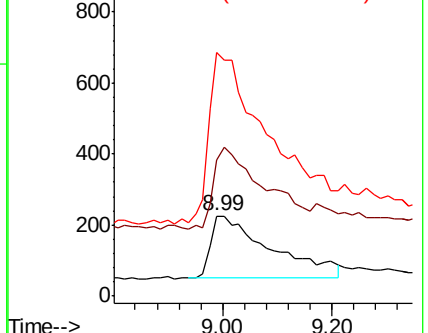
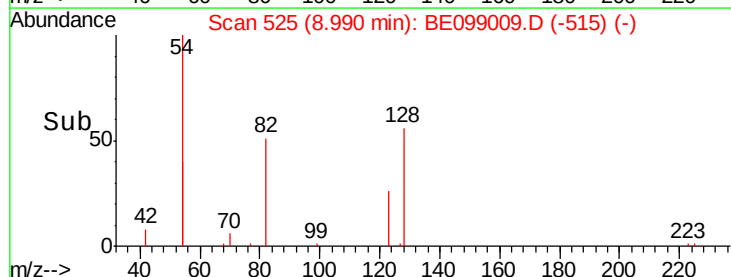
54 304.9 203.4 305.2

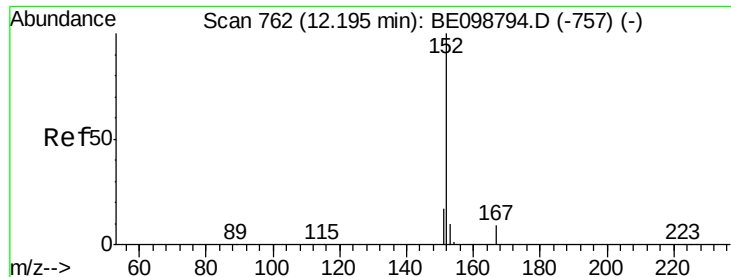


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

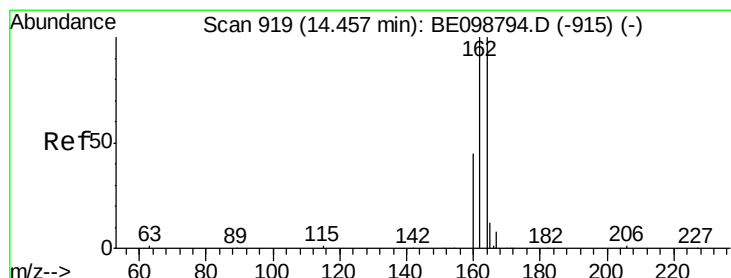
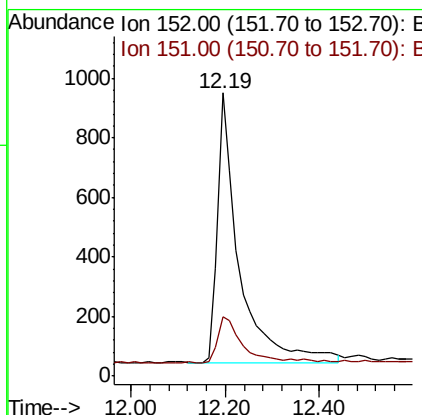
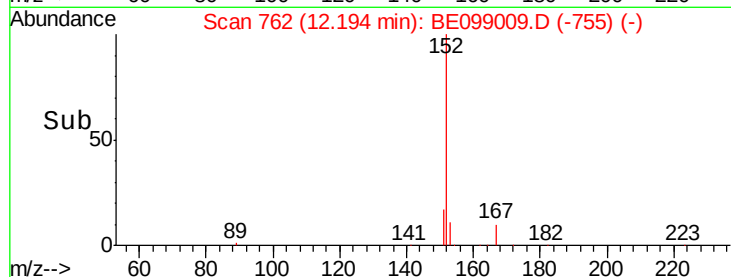
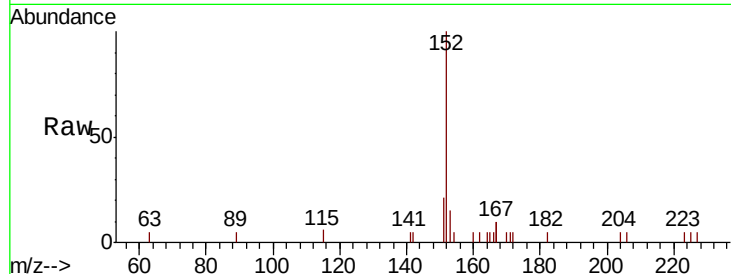




#11
2-Methylnaphthalene-d10
Concen: 0.411 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE099009.D
Acq: 18 Mar 2019 20:16

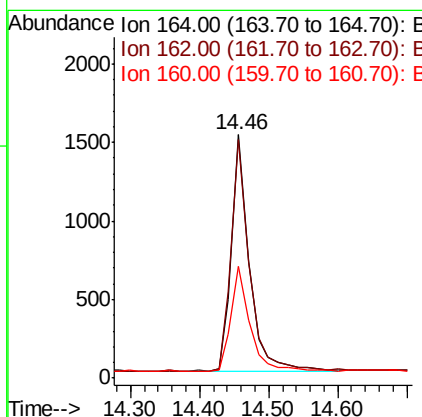
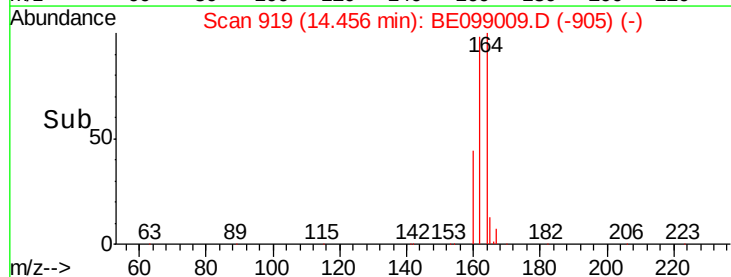
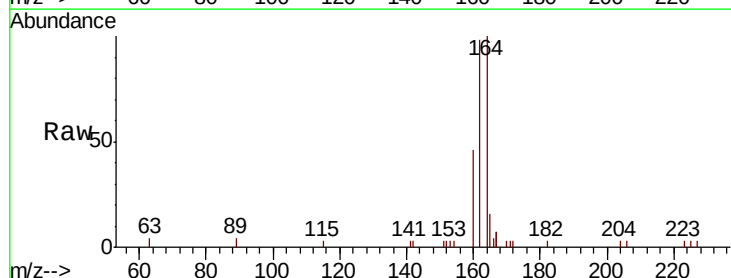
Instrument :
BNA_E
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BPS1-TT-MW310S-20190314

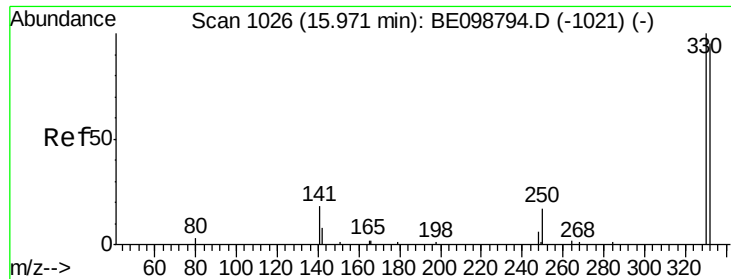
Tgt Ion:152 Resp: 2889
Ion Ratio Lower Upper
152 100
151 18.3 16.5 24.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE099009.D
Acq: 18 Mar 2019 20:16

Tgt Ion:164 Resp: 2702
Ion Ratio Lower Upper
164 100
162 97.8 80.2 120.2
160 46.0 37.8 56.8

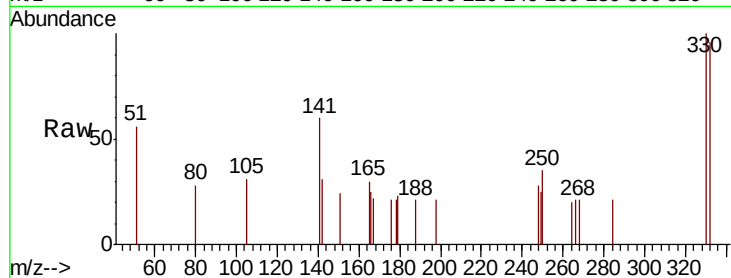




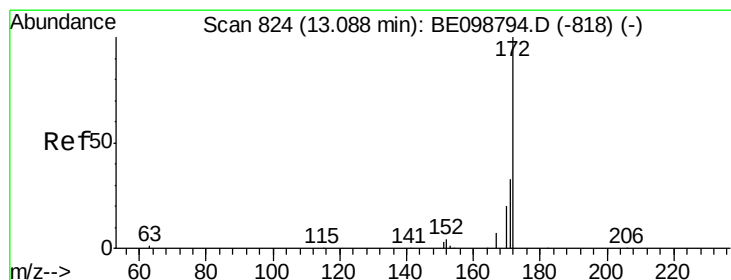
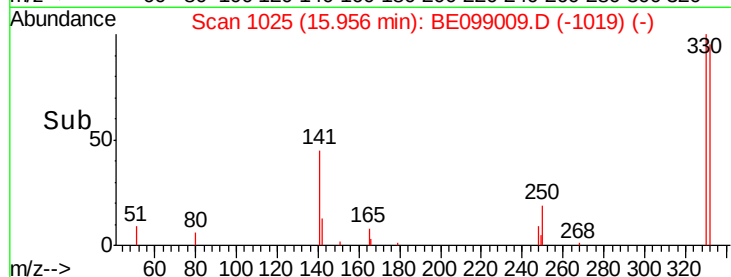
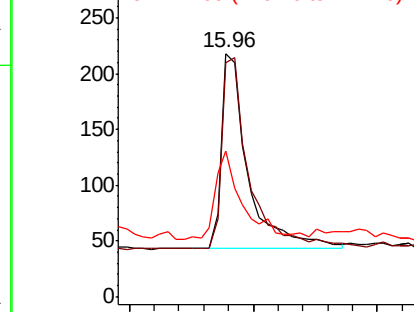
#14
 2,4,6-Tribromophenol
 Concen: 0.385 ng
 RT: 15.96 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BE099009.D
 Acq: 18 Mar 2019 20:16

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW310S-20190314

Tgt Ion: 330 Resp: 525
 Ion Ratio Lower Upper
 330 100
 332 102.1 77.6 116.4
 141 42.1 31.0 46.4

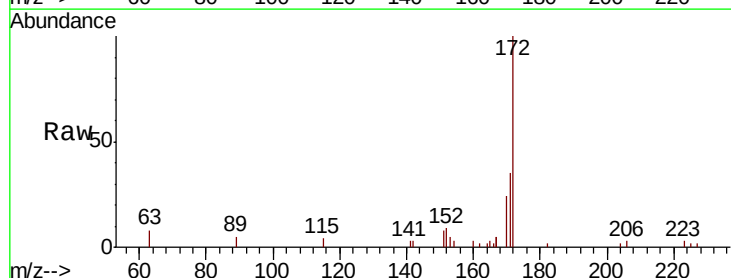


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

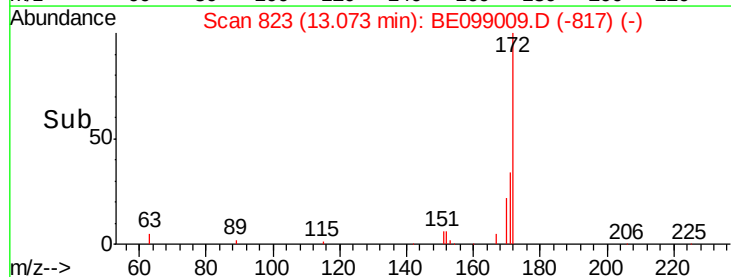
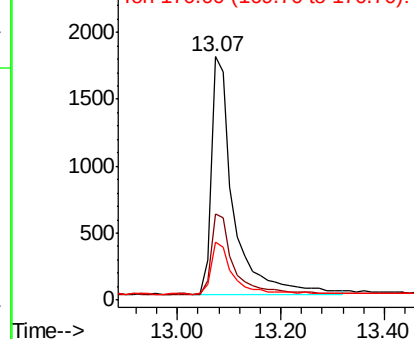


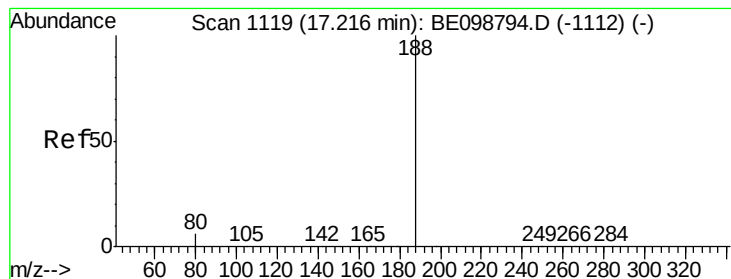
#15
 2-Fluorobiphenyl
 Concen: 0.472 ng
 RT: 13.07 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BE099009.D
 Acq: 18 Mar 2019 20:16

Tgt Ion: 172 Resp: 5277
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.0 42.0
 170 24.0 17.7 26.5



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: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE099009.D

Acq: 18 Mar 2019 20:16

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW310S-20190314

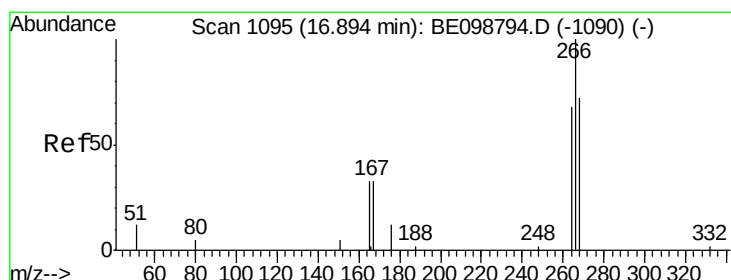
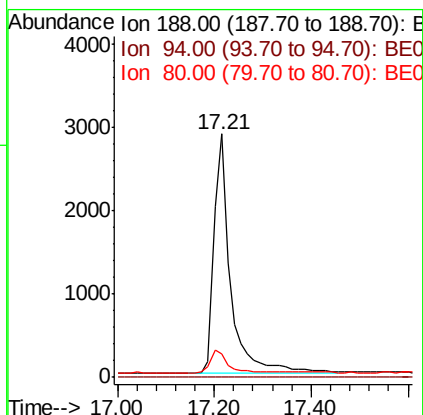
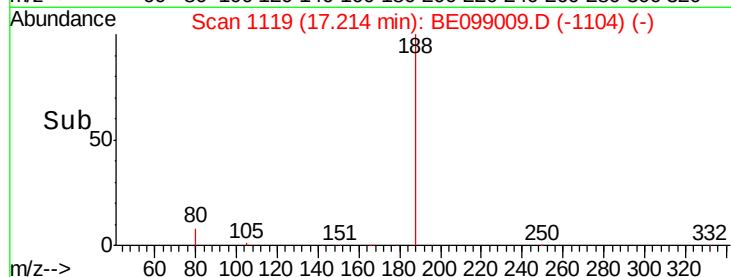
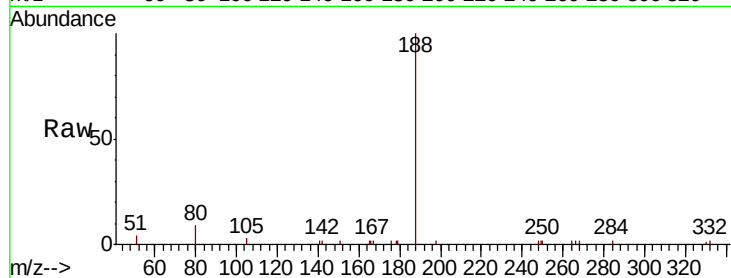
Tgt Ion:188 Resp: 6833

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.4 6.3 9.5



#22

Pentachlorophenol

Concen: 0.269 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BE099009.D

Acq: 18 Mar 2019 20:16

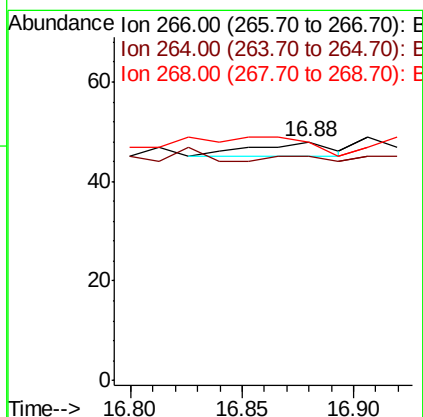
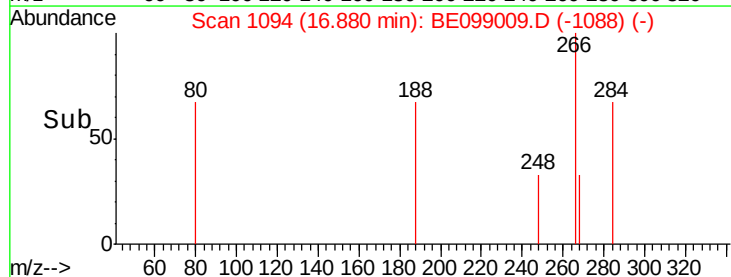
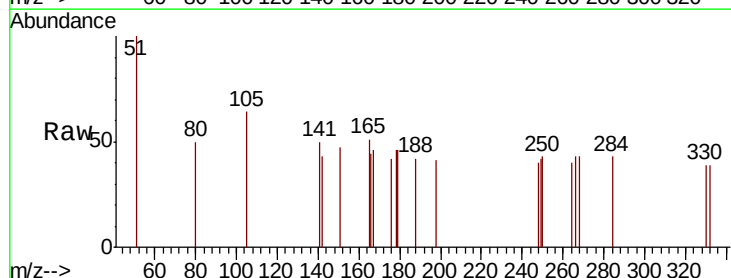
Tgt Ion:266 Resp: 7

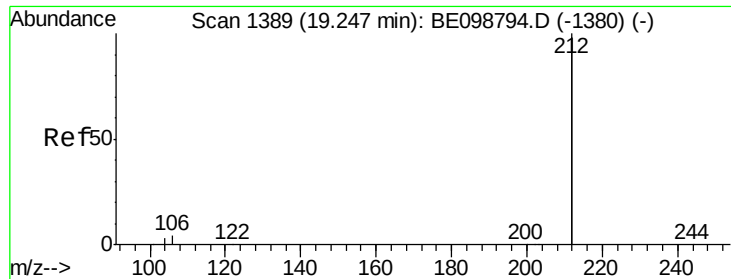
Ion Ratio Lower Upper

266 100

264 93.8 66.6 100.0

268 100.0 69.8 104.8

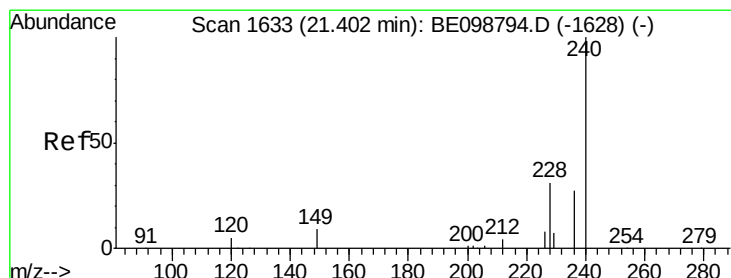
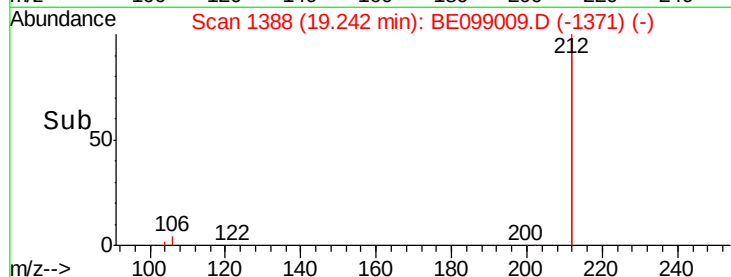
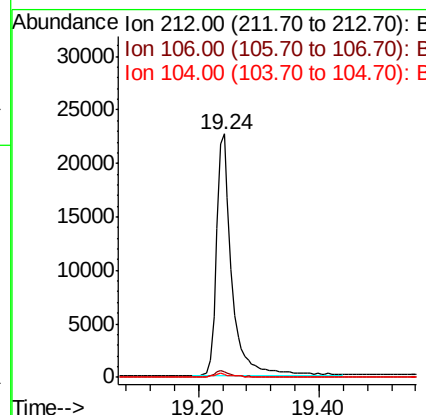
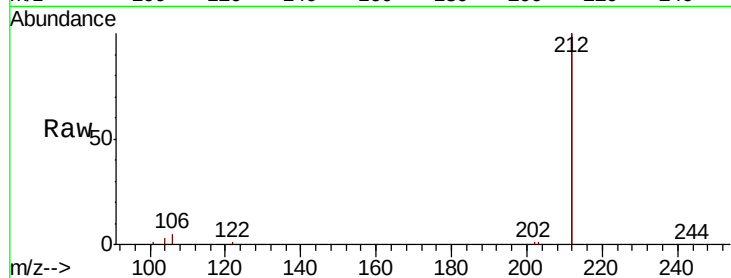




#25
 Fluoranthene-d10
 Concen: 0.363 ng
 RT: 19.24 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: BE099009.D
 Acq: 18 Mar 2019 20:16

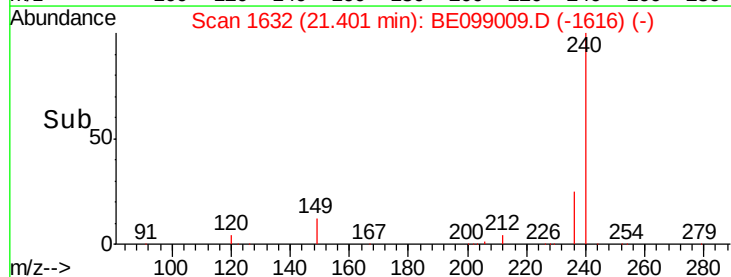
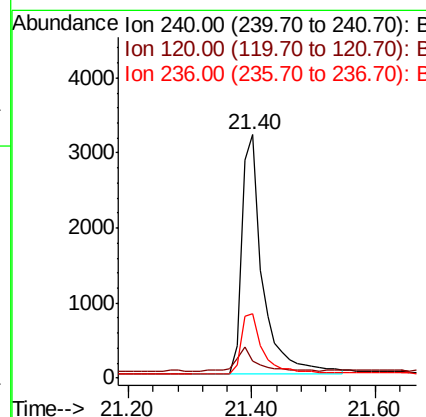
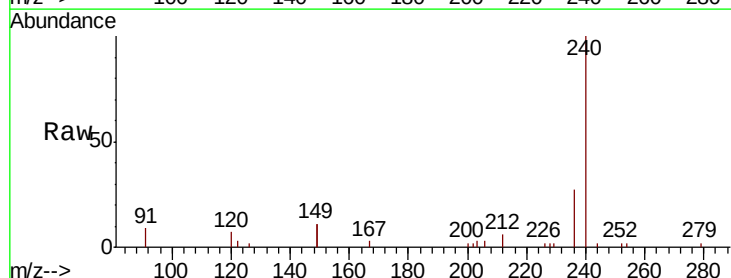
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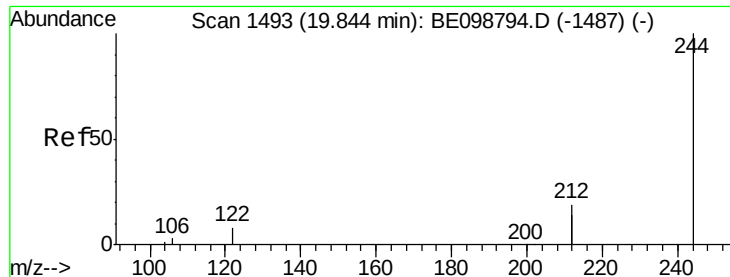
Tgt Ion:212 Resp: 39564
 Ion Ratio Lower Upper
 212 100
 106 2.5 1.8 2.8
 104 1.4 1.0 1.6



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1632
 Delta R.T. -0.00 min
 Lab File: BE099009.D
 Acq: 18 Mar 2019 20:16

Tgt Ion:240 Resp: 7328
 Ion Ratio Lower Upper
 240 100
 120 7.0 5.0 7.4
 236 26.6 22.7 34.1





#29

Terphenyl-d14

Concen: 0.535 ng

RT: 19.83 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BE099009.D

Acq: 18 Mar 2019 20:16

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW310S-20190314

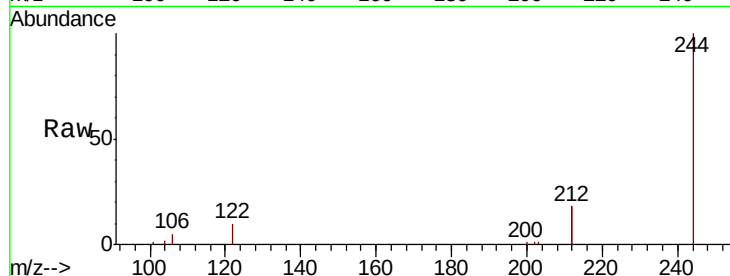
Tgt Ion:244 Resp: 9520

Ion Ratio Lower Upper

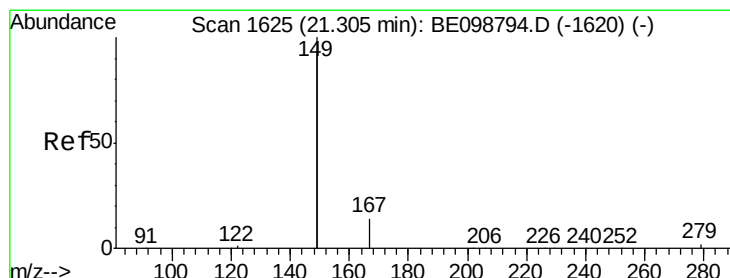
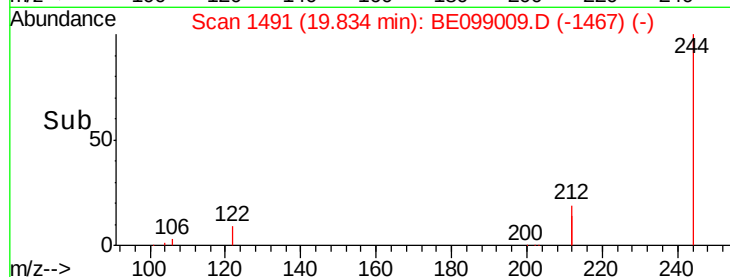
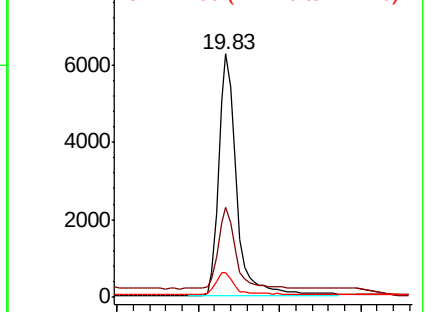
244 100

212 36.7 29.4 44.2

122 10.2 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: 0.124 ng

RT: 21.29 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE099009.D

Acq: 18 Mar 2019 20:16

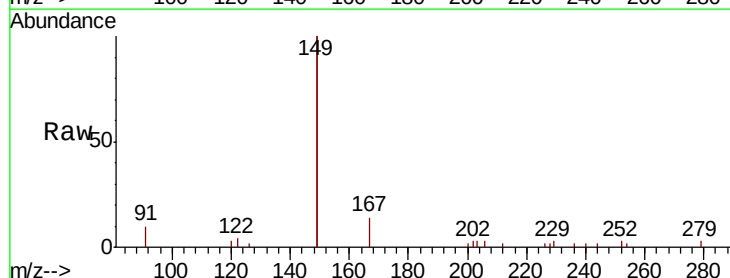
Tgt Ion:149 Resp: 6049

Ion Ratio Lower Upper

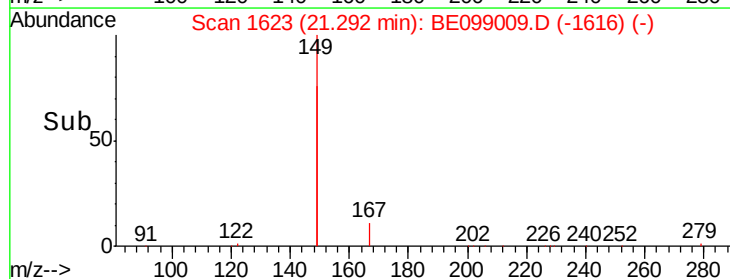
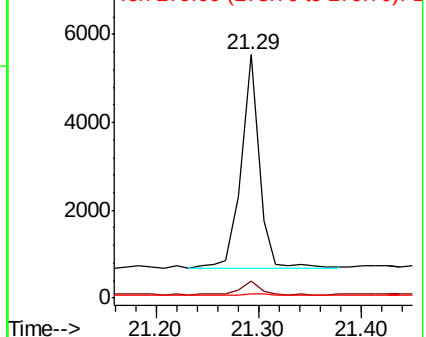
149 100

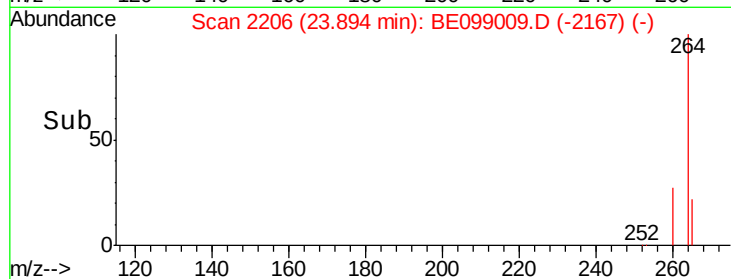
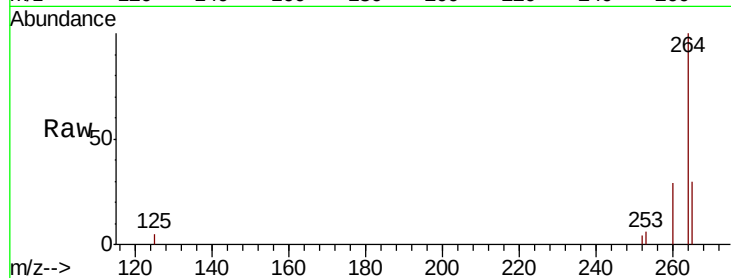
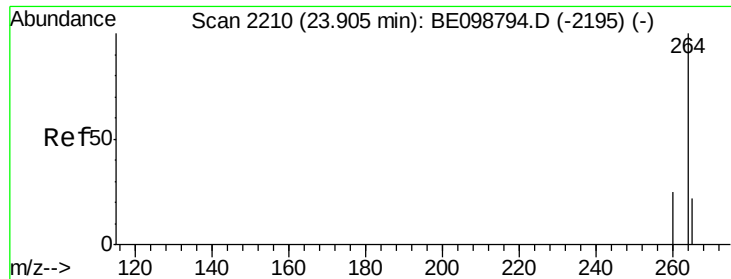
167 7.0 5.4 8.0

279 1.0 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# 2206

Delta R.T. -0.01 min

Lab File: BE099009.D

Acq: 18 Mar 2019 20:16

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW310S-20190314

Tgt Ion:264 Resp: 6850

Ion Ratio Lower Upper

264 100

260 28.5 21.2 31.8

265 30.3 24.6 36.8

