

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031819\
 Data File : BE099014.D
 Acq On : 18 Mar 2019 23:57
 Operator : JU/SJ
 Sample : K1937-15
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW307S-20190314

Quant Time: Mar 19 01:54:32 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

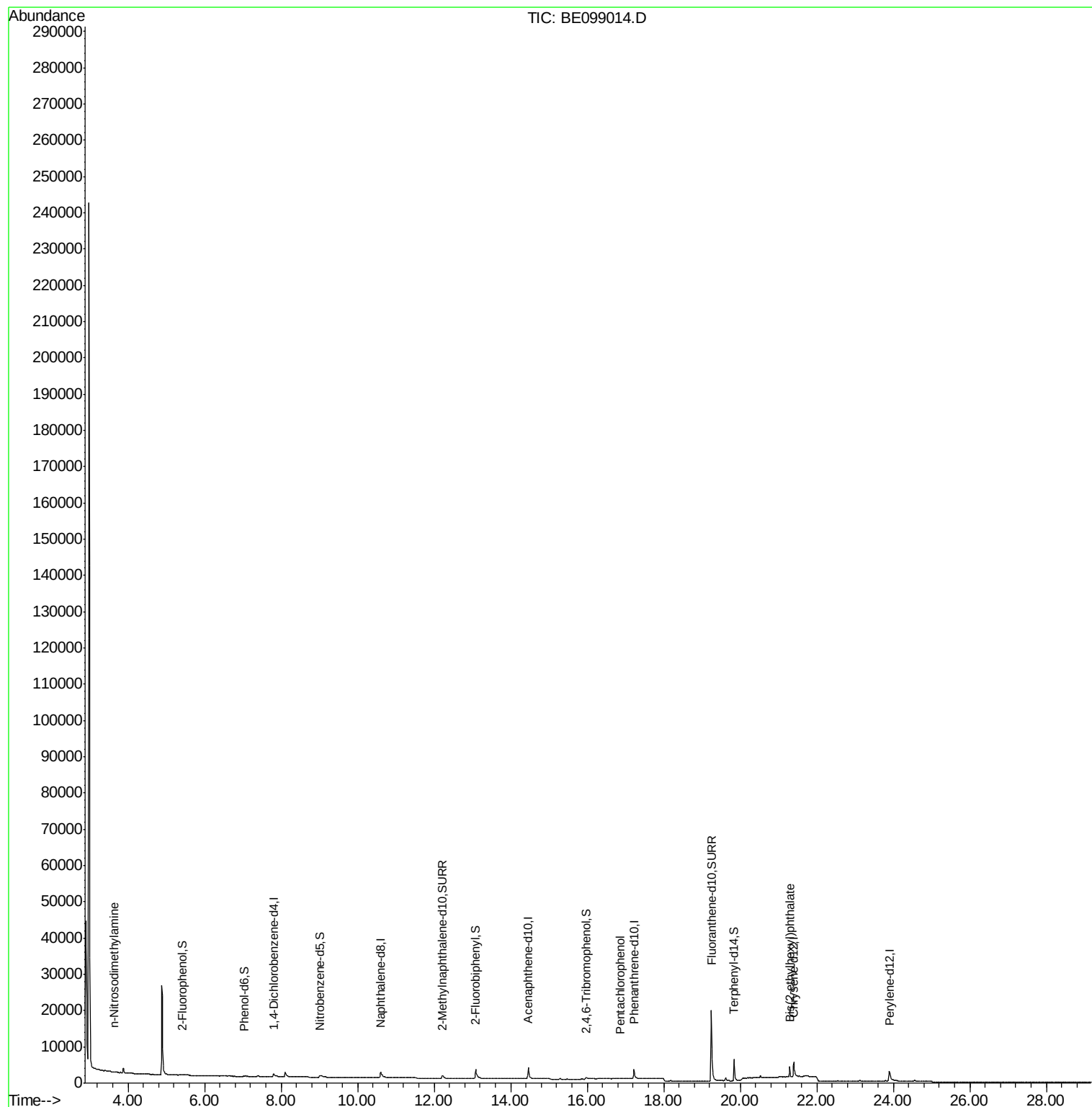
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	768	0.40	ng	0.01
7) Naphthalene-d8	10.60	136	3629	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2579	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6516	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6913	0.40	ng	0.00
34) Perylene-d12	23.90	264	6319	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.42	112	382	0.17	ng	0.04
5) Phenol-d6	7.04	99	189	0.06	ng	0.06
8) Nitrobenzene-d5	9.02	82	1086	0.29	ng	0.05
11) 2-Methylnaphthalene-d10	12.21	152	2649	0.39	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	415	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4670	0.44	ng	0.00
25) Fluoranthene-d10	19.24	212	38024	0.37	ng	0.00
29) Terphenyl-d14	19.84	244	7113	0.42	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.64	42	47	0.024	ng	Qvalue # 14
22) Pentachlorophenol	16.85	266	2	0.266	ng	86
32) Bis(2-ethylhexyl)phthalate	21.29	149	3252	0.071	ng	100

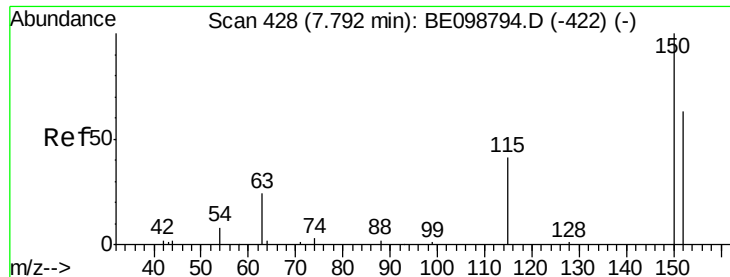
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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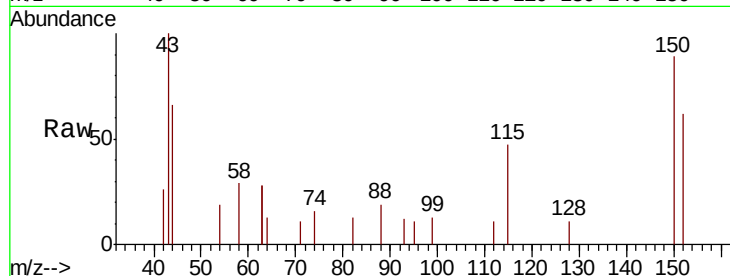


#1

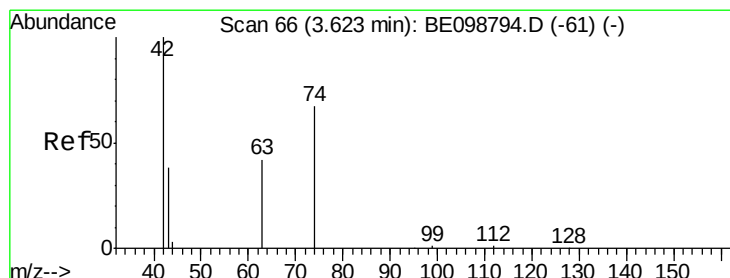
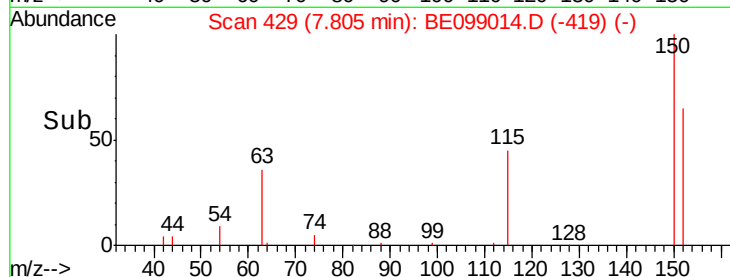
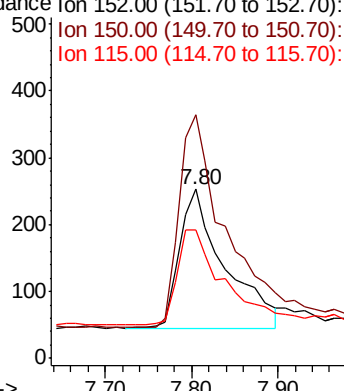
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.80 min Scan# 429
 Delta R.T. 0.01 min
 Lab File: BE099014.D
 Acq: 18 Mar 2019 23:57

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW307S-20190314

Tgt Ion:152 Resp: 768
 Ion Ratio Lower Upper
 152 100
 150 143.9 122.5 183.7
 115 75.9 57.4 86.2



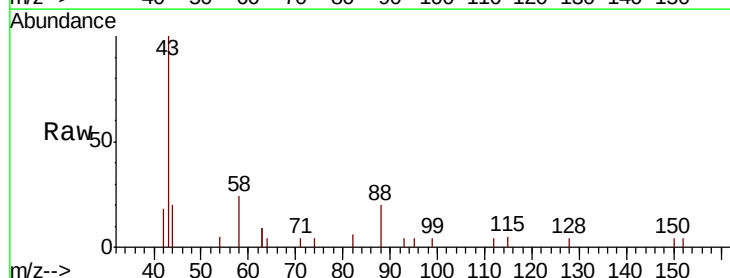
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



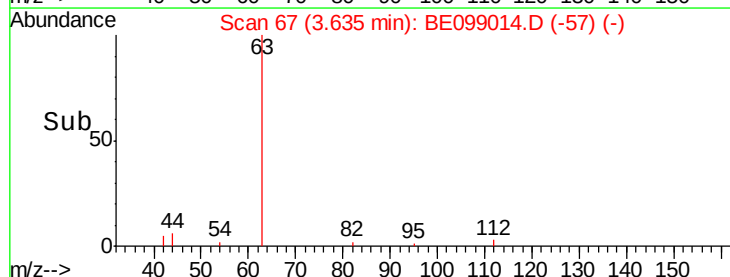
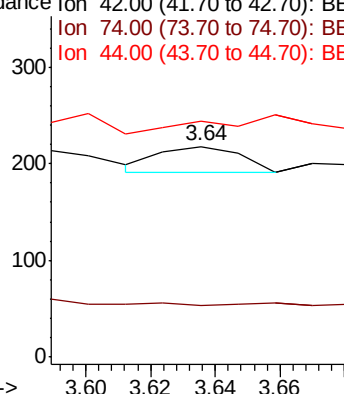
#3

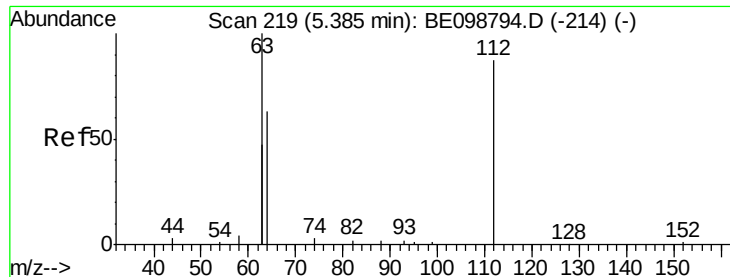
n-Nitrosodimethylamine
 Concen: 0.024 ng
 RT: 3.64 min Scan# 67
 Delta R.T. 0.01 min
 Lab File: BE099014.D
 Acq: 18 Mar 2019 23:57

Tgt Ion: 42 Resp: 47
 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: 0.166 ng

RT: 5.42 min Scan# 222

Delta R.T. 0.04 min

Lab File: BE099014.D

Acq: 18 Mar 2019 23:57

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW307S-20190314

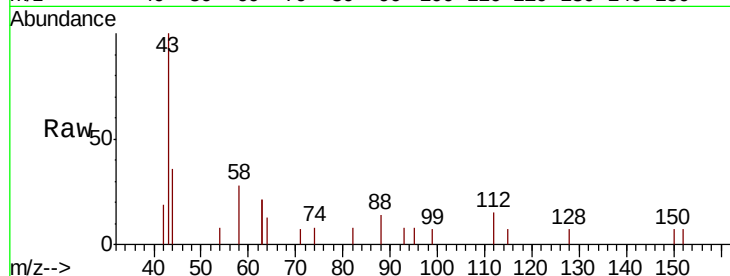
Tgt Ion: 112 Resp: 382

Ion Ratio Lower Upper

112 100

64 69.6 57.9 86.9

63 105.8 158.3 237.5#

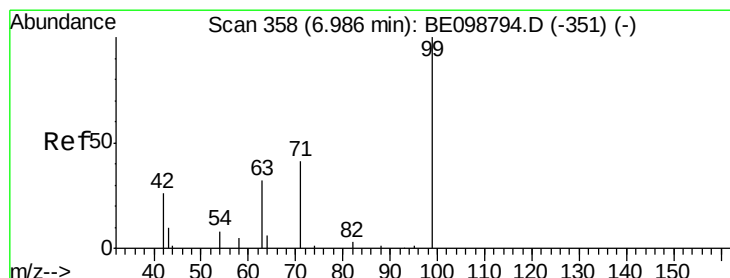
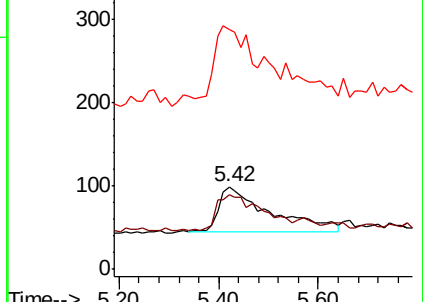
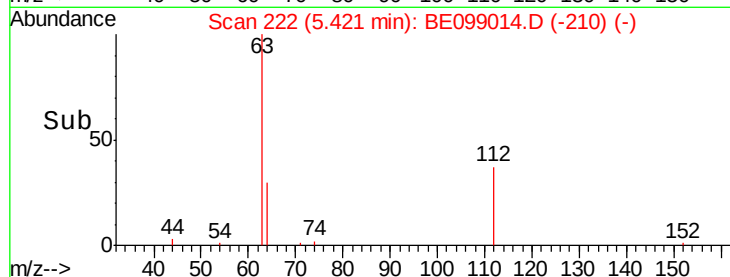


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Time-->



#5

Phenol-d6

Concen: 0.058 ng

RT: 7.04 min Scan# 363

Delta R.T. 0.06 min

Lab File: BE099014.D

Acq: 18 Mar 2019 23:57

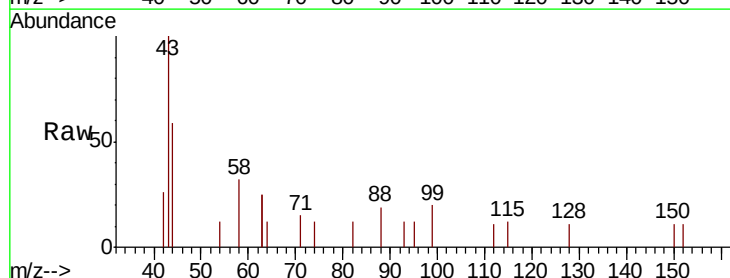
Tgt Ion: 99 Resp: 189

Ion Ratio Lower Upper

99 100

42 14.8 24.2 36.2#

71 64.0 35.7 53.5#

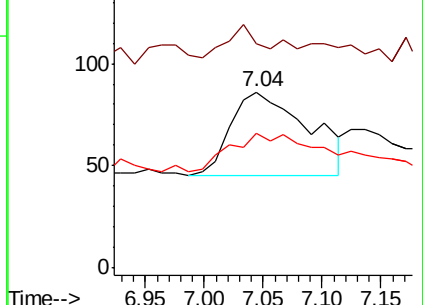
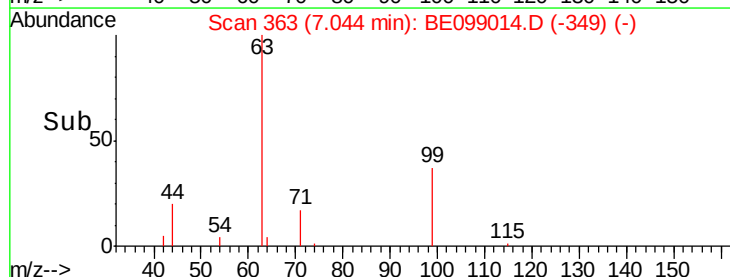


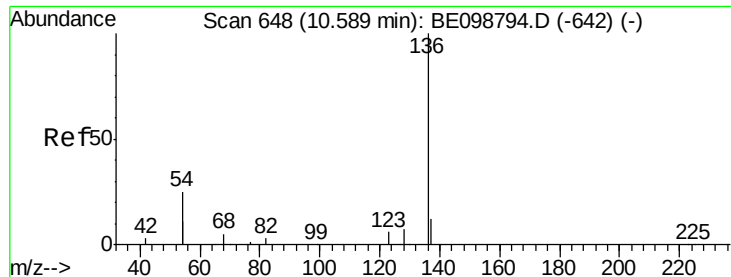
Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE099014.D

Acq: 18 Mar 2019 23:57

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW307S-20190314

Tgt Ion:136 Resp: 3629

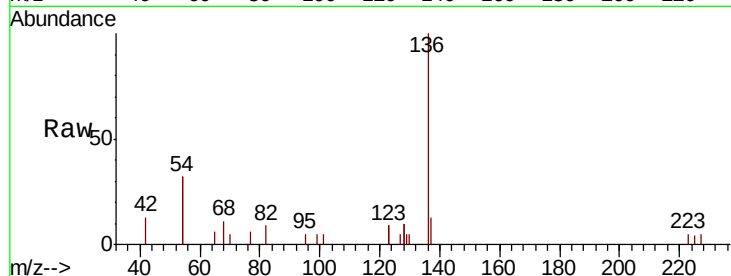
Ion Ratio Lower Upper

136 100

137 13.3 11.4 17.0

54 64.1 39.3 58.9#

68 10.8 6.7 10.1#

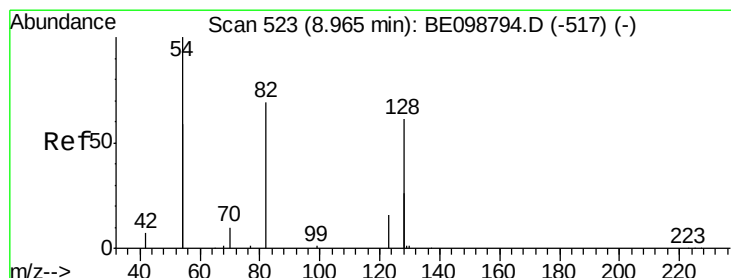
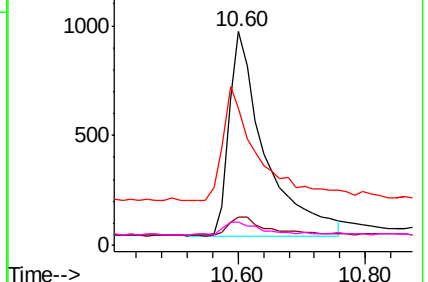
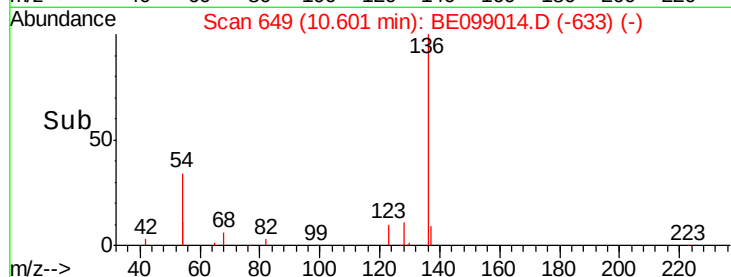


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.285 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.05 min

Lab File: BE099014.D

Acq: 18 Mar 2019 23:57

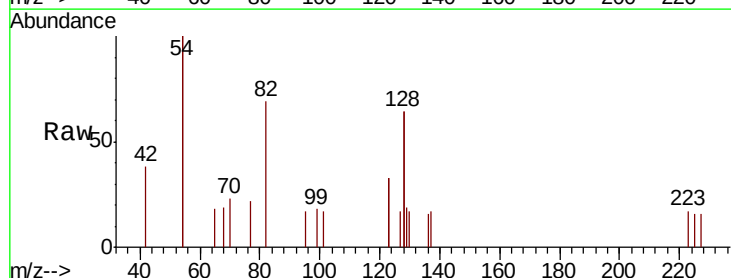
Tgt Ion: 82 Resp: 1086

Ion Ratio Lower Upper

82 100

128 185.5 123.8 185.8

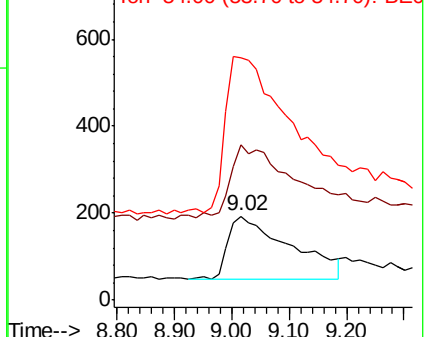
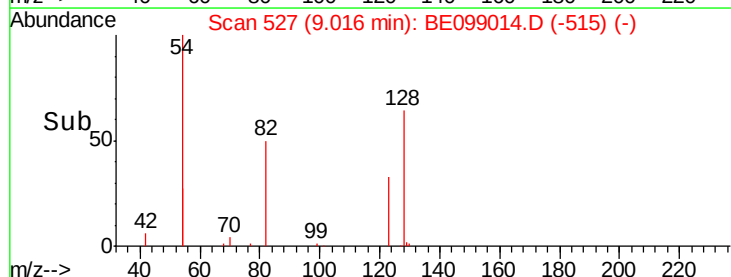
54 288.1 203.4 305.2

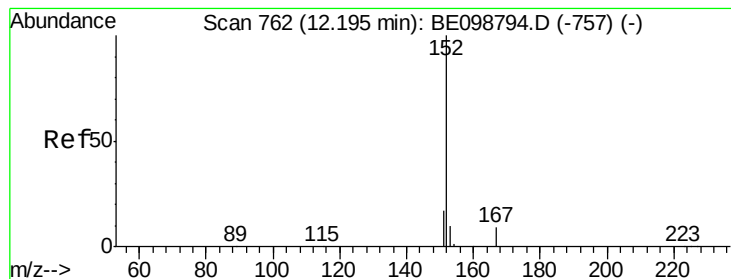


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.395 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.01 min

Lab File: BE099014.D

Acq: 18 Mar 2019 23:57

Instrument :

BNA_E

ClientSampleId :

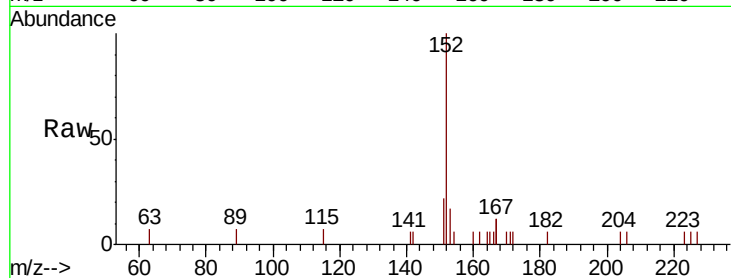
BPS1-TT-MW307S-20190314

Tgt Ion:152 Resp: 2649

Ion Ratio Lower Upper

152 100

151 17.4 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.21

800

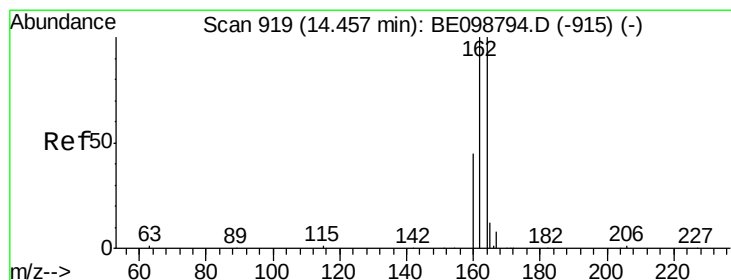
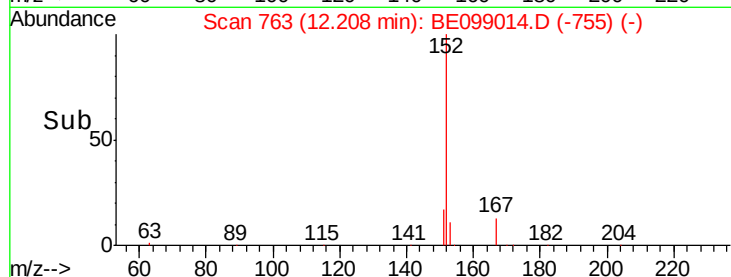
600

400

200

0

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.00 min

Lab File: BE099014.D

Acq: 18 Mar 2019 23:57

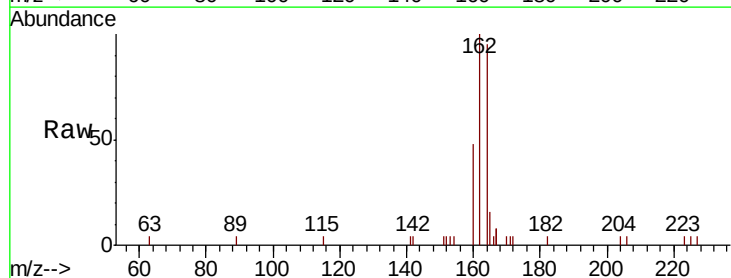
Tgt Ion:164 Resp: 2579

Ion Ratio Lower Upper

164 100

162 105.7 80.2 120.2

160 51.1 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

14.46

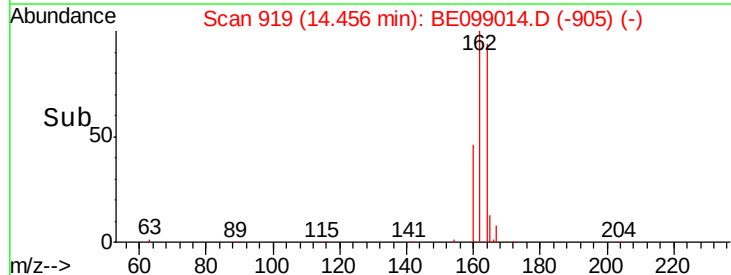
1500

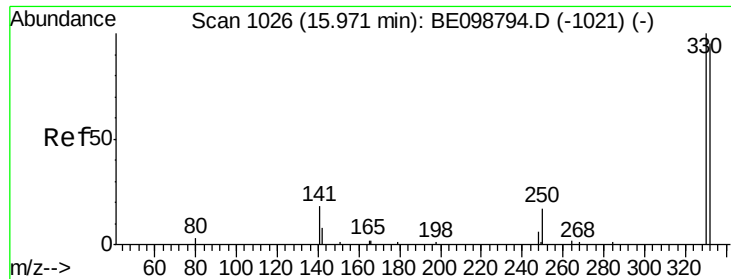
1000

500

0

Time-->

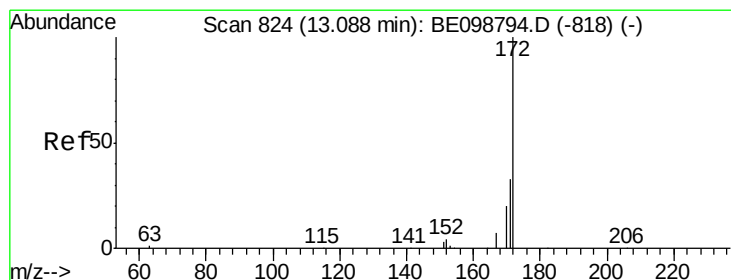
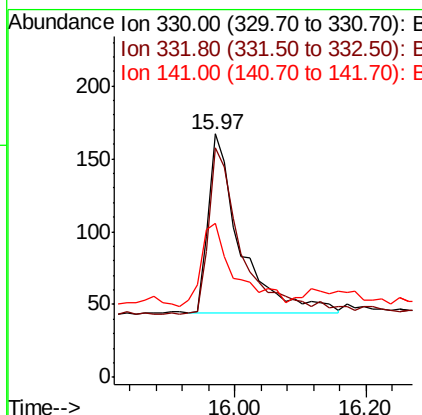
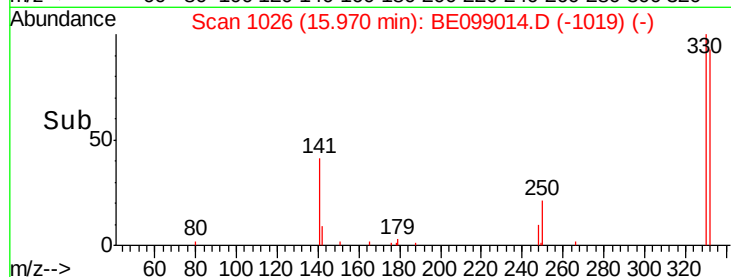
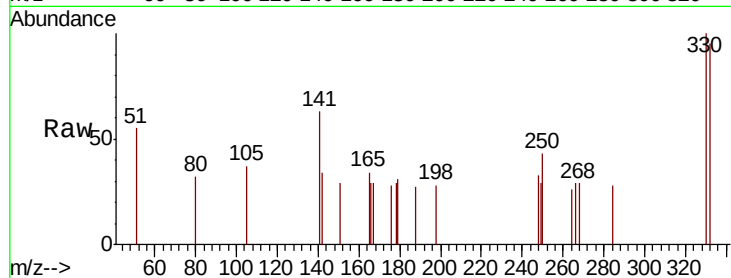




#14
 2,4,6-Tribromophenol
 Concen: 0.319 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE099014.D
 Acq: 18 Mar 2019 23:57

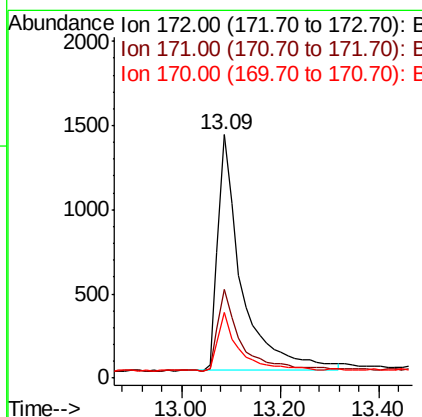
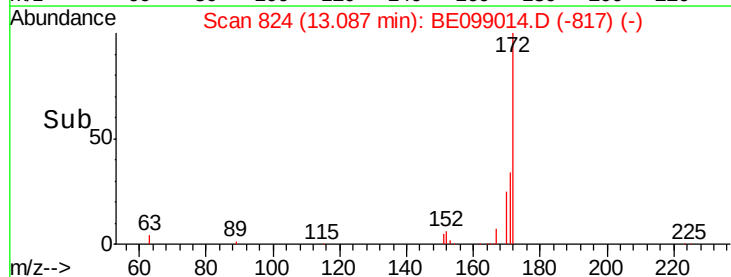
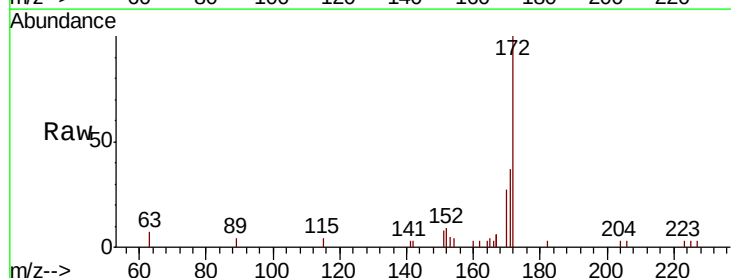
Instrument :
 BNA_E
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 BPS1-TT-MW307S-20190314

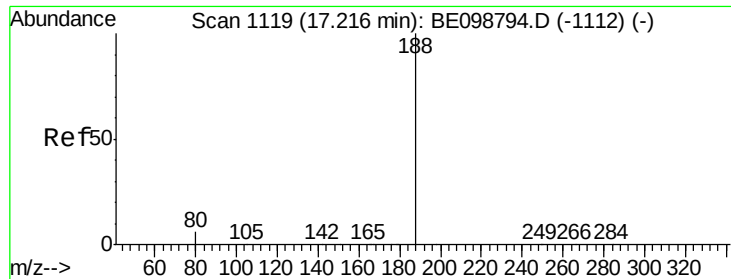
Tgt Ion:330 Resp: 415
 Ion Ratio Lower Upper
 330 100
 332 100.2 77.6 116.4
 141 48.2 31.0 46.4#



#15
 2-Fluorobiphenyl
 Concen: 0.437 ng
 RT: 13.09 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BE099014.D
 Acq: 18 Mar 2019 23:57

Tgt Ion:172 Resp: 4670
 Ion Ratio Lower Upper
 172 100
 171 36.7 28.0 42.0
 170 27.1 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: BE099014.D

Acq: 18 Mar 2019 23:57

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW307S-20190314

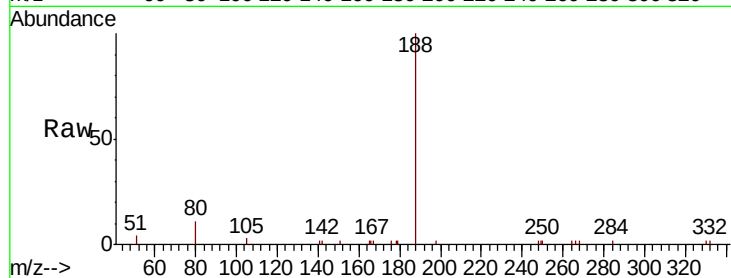
Tgt Ion:188 Resp: 6516

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

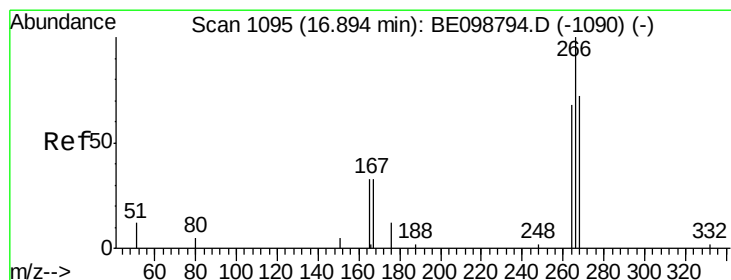
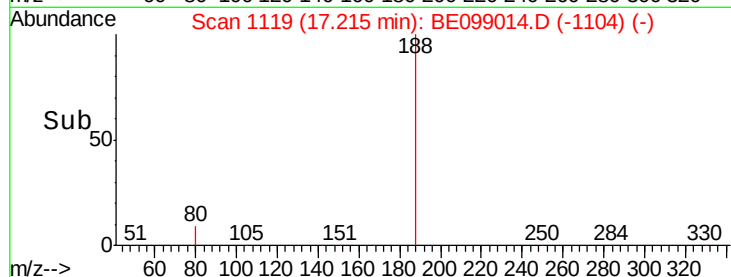
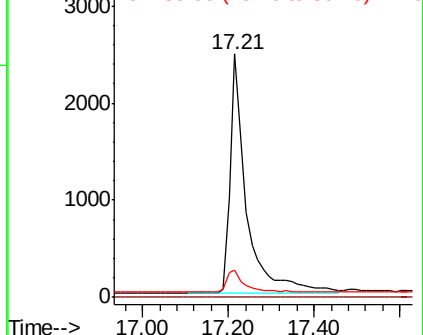
80 11.2 6.3 9.5#



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: 0.266 ng

RT: 16.85 min Scan# 1092

Delta R.T. -0.04 min

Lab File: BE099014.D

Acq: 18 Mar 2019 23:57

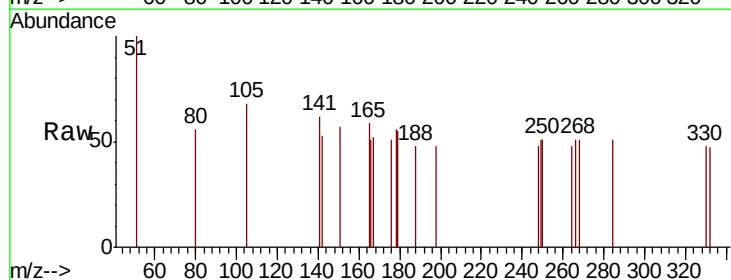
Tgt Ion:266 Resp: 2

Ion Ratio Lower Upper

266 100

264 95.7 66.6 100.0

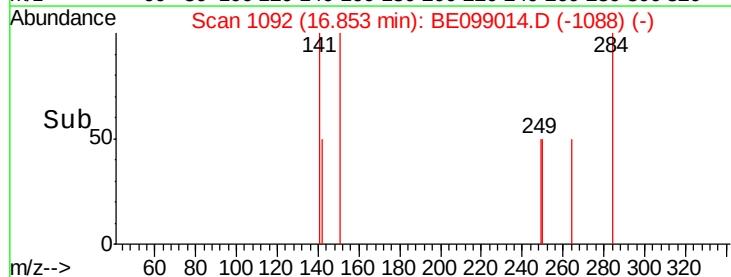
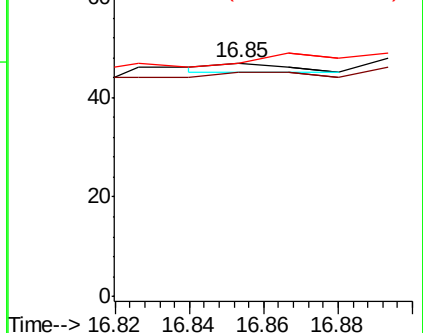
268 100.0 69.8 104.8

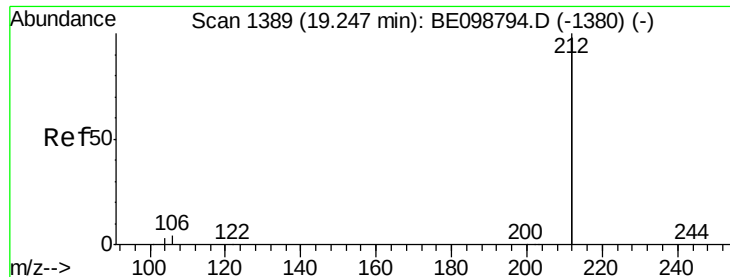


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.366 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE099014.D

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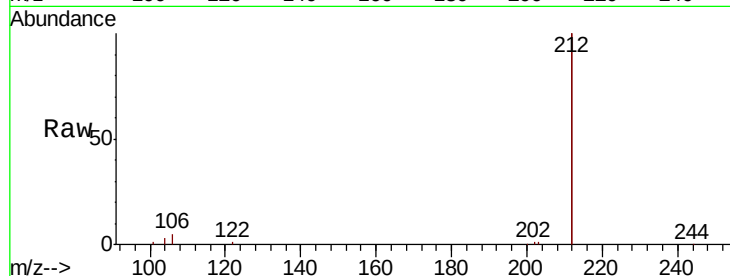
Tgt Ion:212 Resp: 38024

Ion Ratio Lower Upper

212 100

106 2.5 1.8 2.8

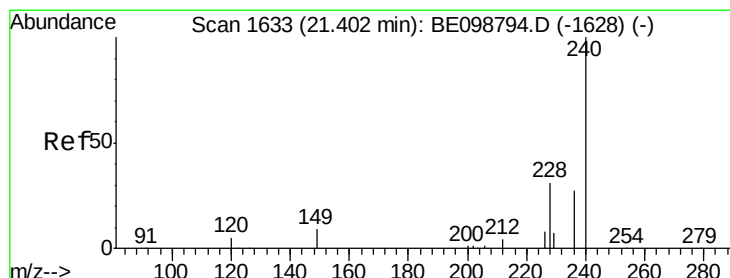
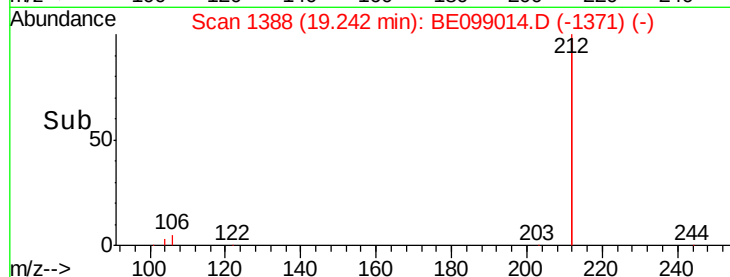
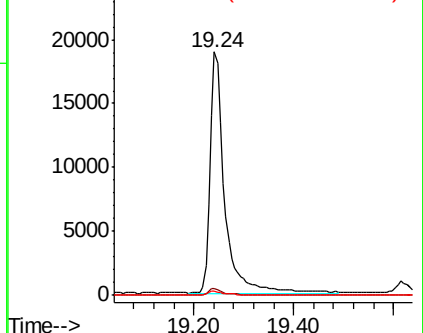
104 1.4 1.0 1.6



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: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099014.D

Acq: 18 Mar 2019 23:57

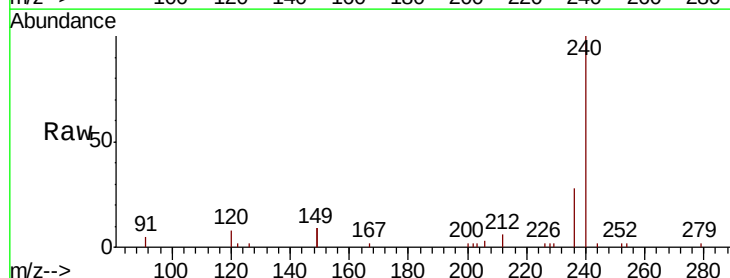
Tgt Ion:240 Resp: 6913

Ion Ratio Lower Upper

240 100

120 8.1 5.0 7.4#

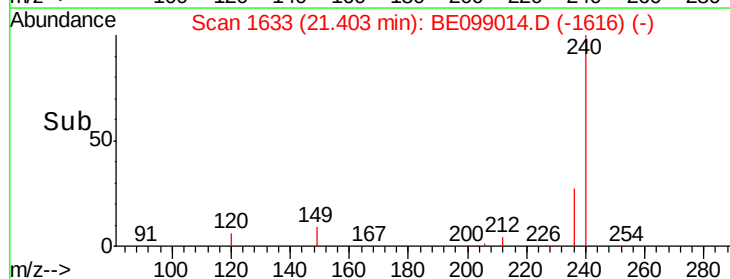
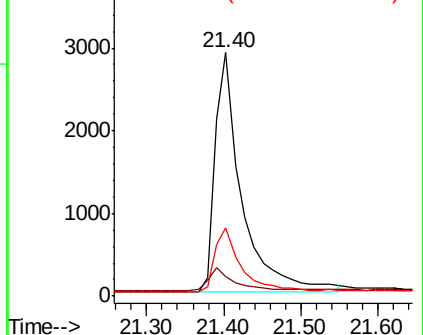
236 27.9 22.7 34.1

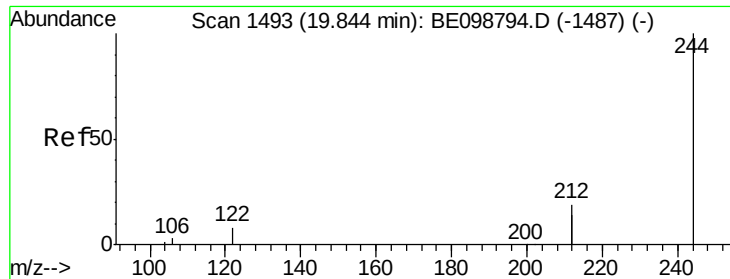


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.423 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE099014.D

Acq: 18 Mar 2019 23:57

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW307S-20190314

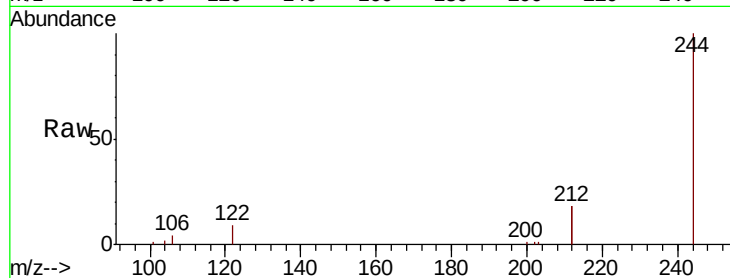
Tgt Ion:244 Resp: 7113

Ion Ratio Lower Upper

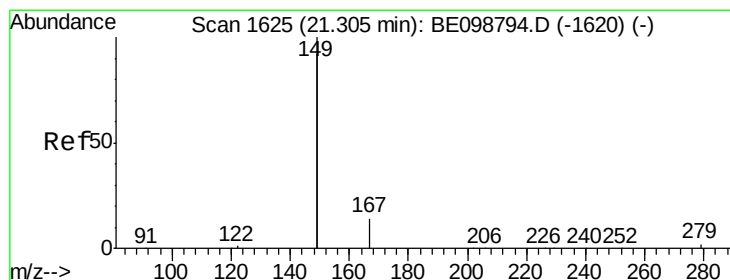
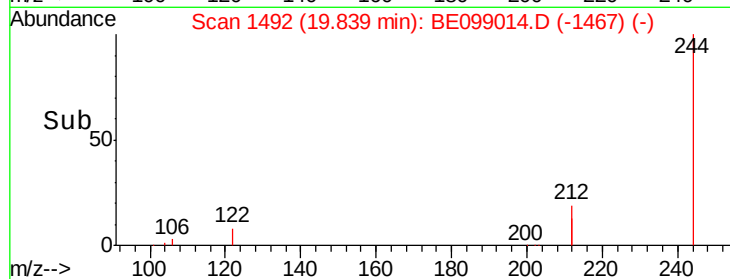
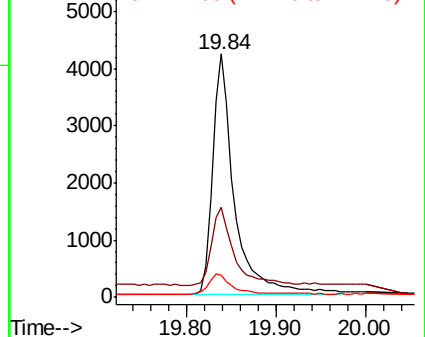
244 100

212 37.0 29.4 44.2

122 9.3 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: 0.071 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099014.D

Acq: 18 Mar 2019 23:57

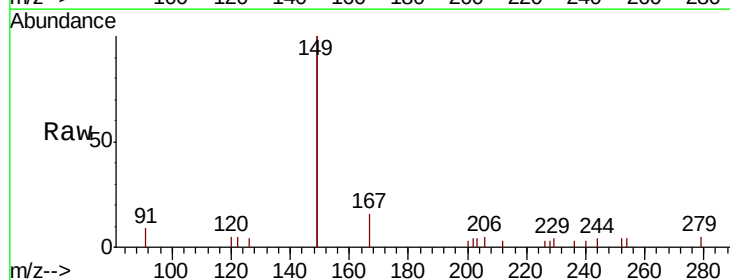
Tgt Ion:149 Resp: 3252

Ion Ratio Lower Upper

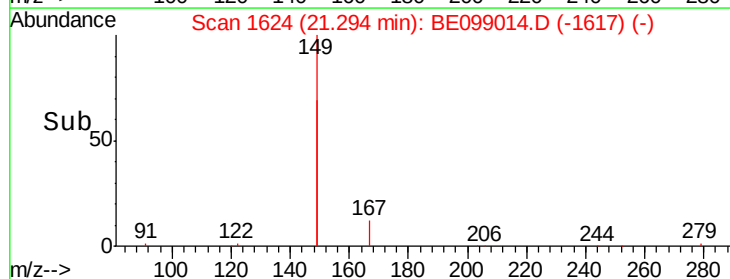
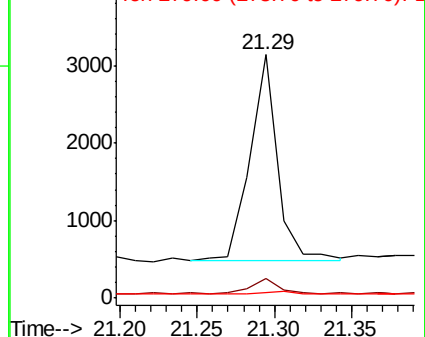
149 100

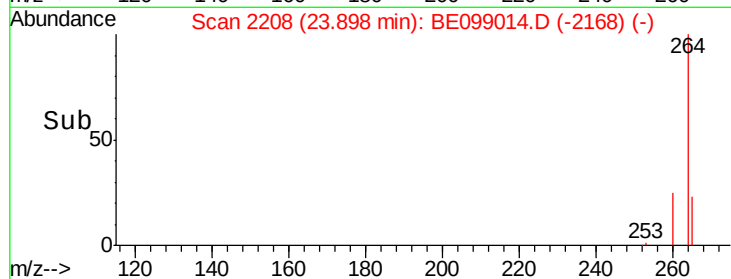
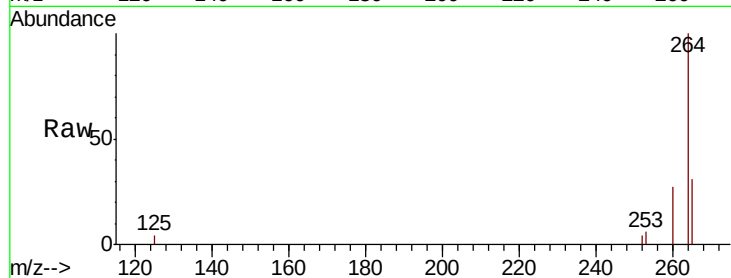
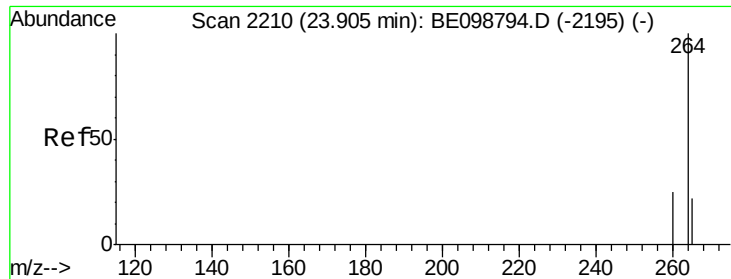
167 6.6 5.4 8.0

279 1.3 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: 23.90 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BE099014.D

Acq: 18 Mar 2019 23:57

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW307S-20190314

Tgt Ion:264 Resp: 6319

Ion Ratio Lower Upper

264 100

260 27.0 21.2 31.8

265 31.4 24.6 36.8

