

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031819\
 Data File : BE099015.D
 Acq On : 19 Mar 2019 00:33
 Operator : JU/SJ
 Sample : K1937-16
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW306S-20190314

Quant Time: Mar 19 02:56:08 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

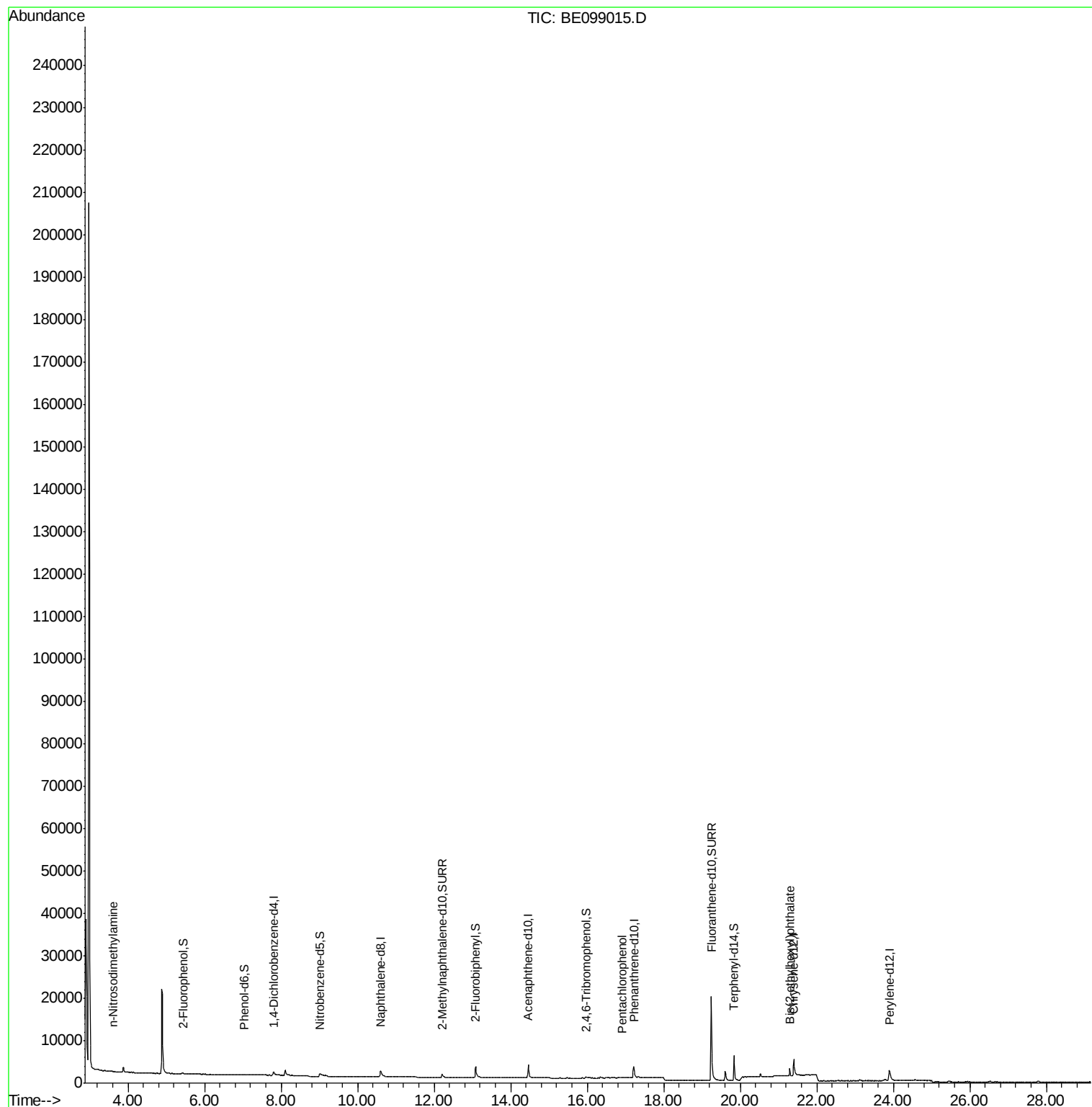
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	692	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3242	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2346	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5447	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6217	0.40	ng	0.00
34) Perylene-d12	23.90	264	5724	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.43	112	323	0.16	ng	0.05
5) Phenol-d6	7.03	99	278	0.10	ng	0.05
8) Nitrobenzene-d5	9.00	82	1113	0.33	ng	0.04
11) 2-Methylnaphthalene-d10	12.21	152	2537	0.42	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	398	0.34	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4729	0.49	ng	0.00
25) Fluoranthene-d10	19.24	212	34438	0.40	ng	0.00
29) Terphenyl-d14	19.84	244	6892	0.46	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	104	Below Cal	Qvalue #	9
3) n-Nitrosodimethylamine	3.61	42	41	0.024 ng	#	14
22) Pentachlorophenol	16.92	266	27	0.287 ng		92
32) Bis(2-ethylhexyl)phthalate	21.29	149	1953	0.047 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: BE099015.D

Acq: 19 Mar 2019 00:33

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW306S-20190314

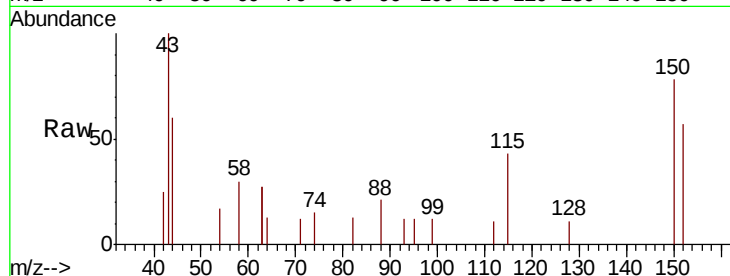
Tgt Ion:152 Resp: 692

Ion Ratio Lower Upper

152 100

150 137.6 122.5 183.7

115 76.0 57.4 86.2

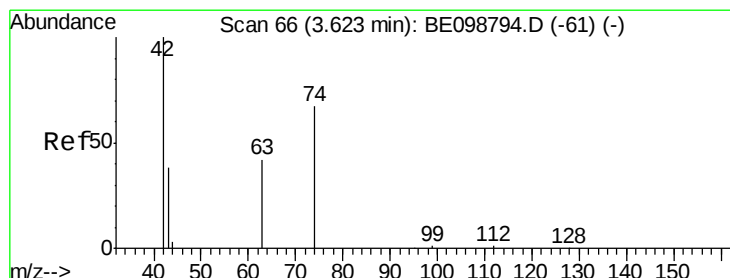
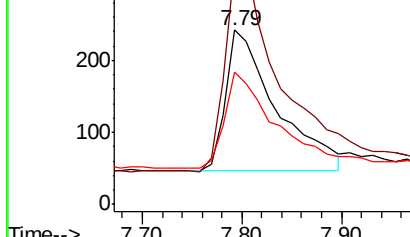
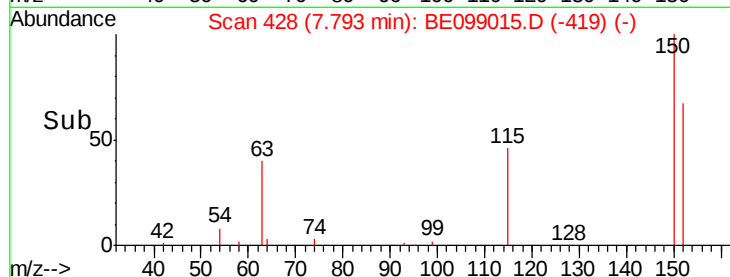


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

Time-->



#3

n-Nitrosodimethylamine

Concen: 0.024 ng

RT: 3.61 min Scan# 65

Delta R.T. -0.01 min

Lab File: BE099015.D

Acq: 19 Mar 2019 00:33

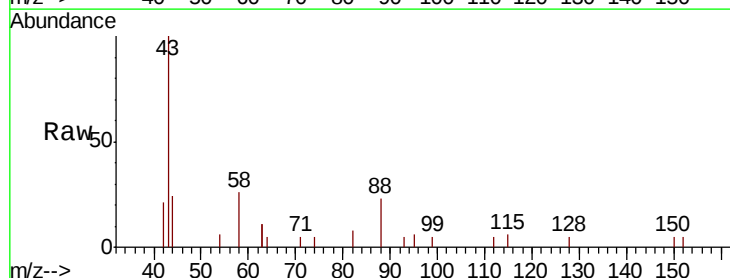
Tgt Ion: 42 Resp: 41

Ion Ratio Lower Upper

42 100

74 0.0 57.0 85.4#

44 0.0 0.0 0.0

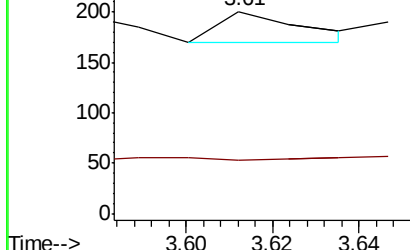
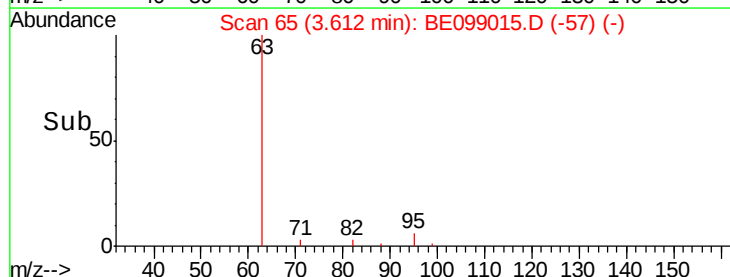


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0

Time-->





#4

2-Fluorophenol

Concen: 0.156 ng

RT: 5.43 min Scan# 223

Delta R.T. 0.05 min

Lab File: BE099015.D

Acq: 19 Mar 2019 00:33

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW306S-20190314

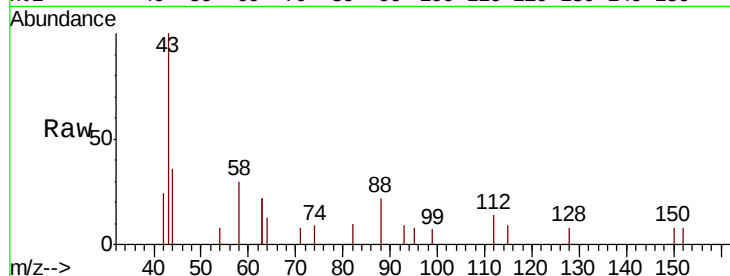
Tgt Ion: 112 Resp: 323

Ion Ratio Lower Upper

112 100

64 0.0 57.9 86.9#

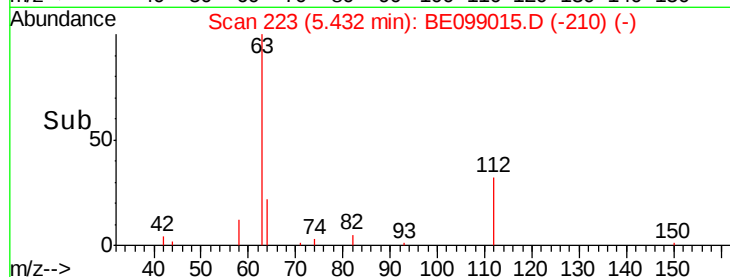
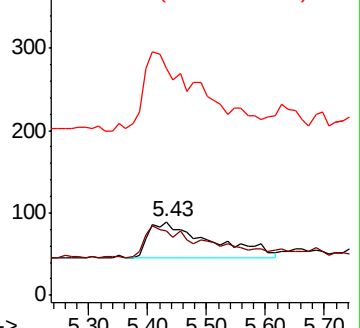
63 0.0 158.3 237.5#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.095 ng

RT: 7.03 min Scan# 362

Delta R.T. 0.05 min

Lab File: BE099015.D

Acq: 19 Mar 2019 00:33

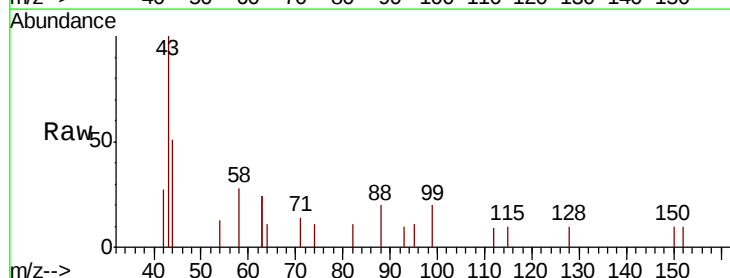
Tgt Ion: 99 Resp: 278

Ion Ratio Lower Upper

99 100

42 23.4 24.2 36.2#

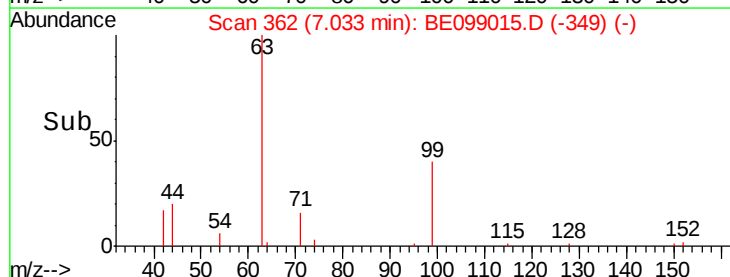
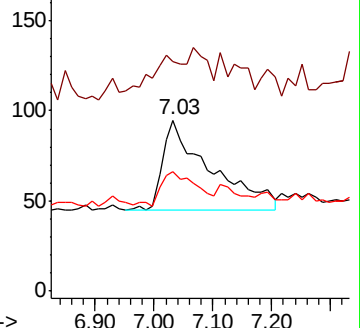
71 24.5 35.7 53.5#



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: BE099015.D

Acq: 19 Mar 2019 00:33

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW306S-20190314

Tgt Ion:136 Resp: 3242

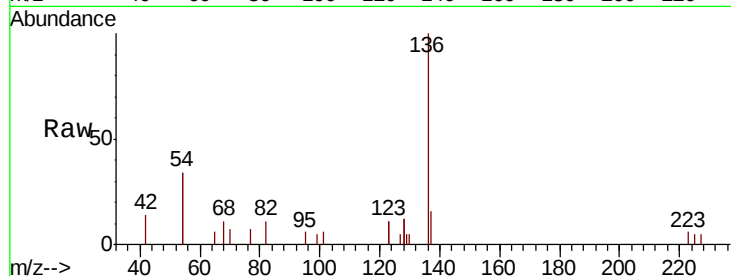
Ion Ratio Lower Upper

136 100

137 16.0 11.4 17.0

54 67.7 39.3 58.9#

68 10.7 6.7 10.1#

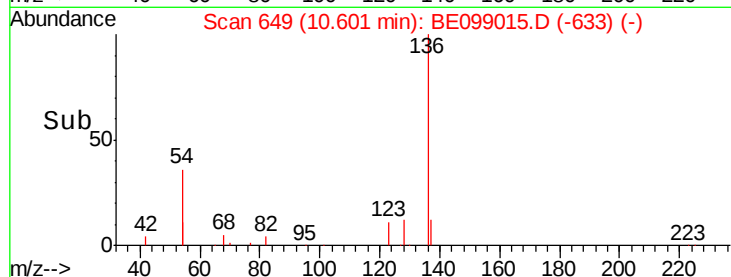
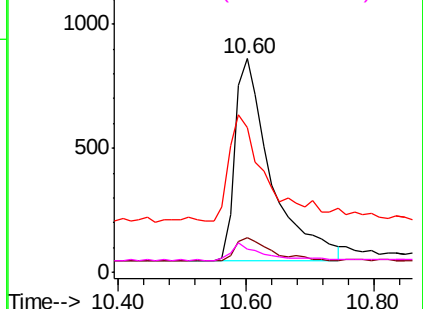


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.327 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.04 min

Lab File: BE099015.D

Acq: 19 Mar 2019 00:33

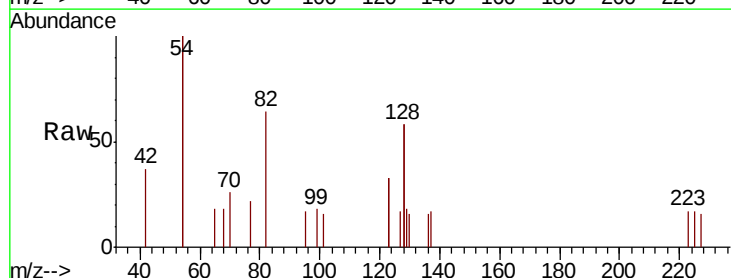
Tgt Ion: 82 Resp: 1113

Ion Ratio Lower Upper

82 100

128 184.1 123.8 185.8

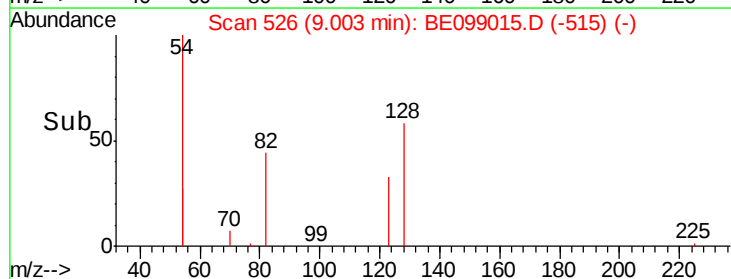
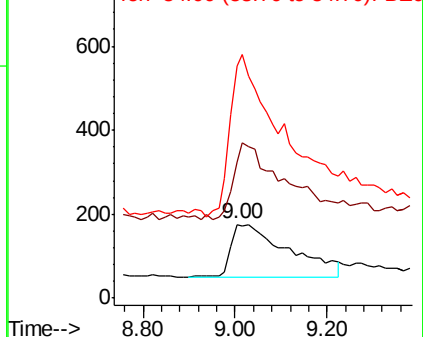
54 314.8 203.4 305.2#



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

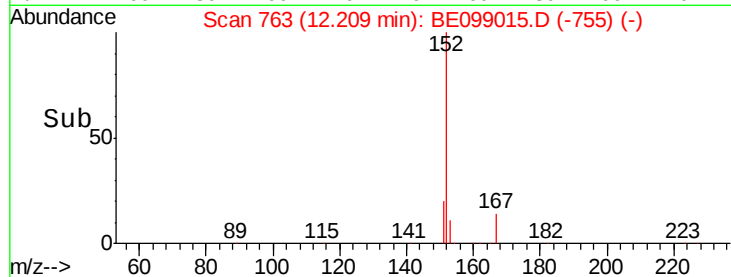
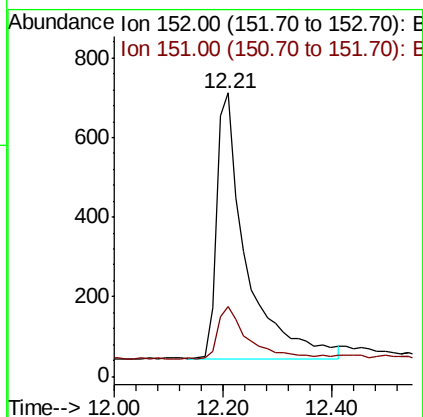
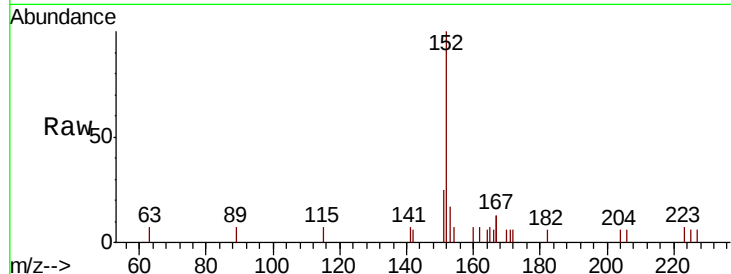




#11
 2-Methylnaphthalene-d10
 Concen: 0.423 ng
 RT: 12.21 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: BE099015.D
 Acq: 19 Mar 2019 00:33

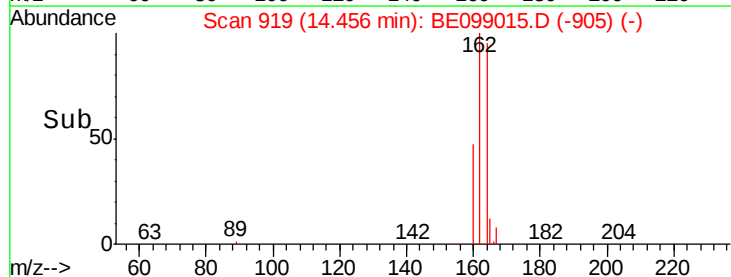
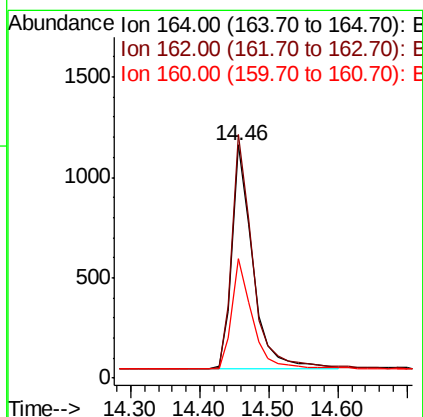
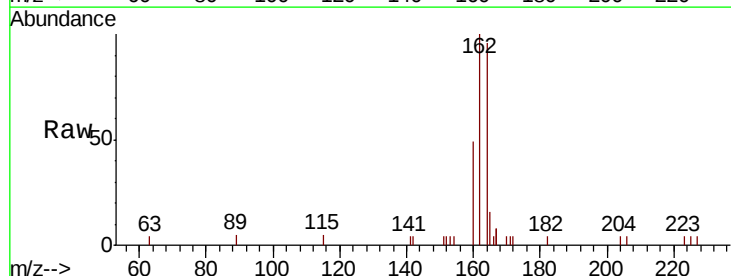
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW306S-20190314

Tgt Ion:152 Resp: 2537
 Ion Ratio Lower Upper
 152 100
 151 19.8 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: BE099015.D
 Acq: 19 Mar 2019 00:33

Tgt Ion:164 Resp: 2346
 Ion Ratio Lower Upper
 164 100
 162 104.5 80.2 120.2
 160 51.4 37.8 56.8

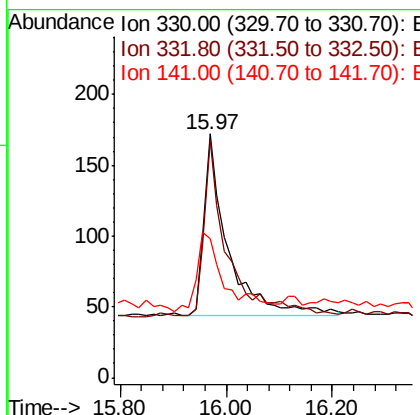
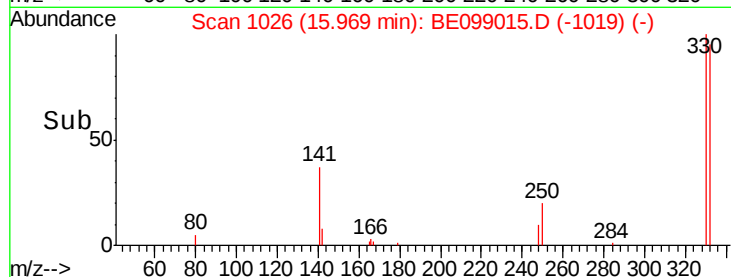
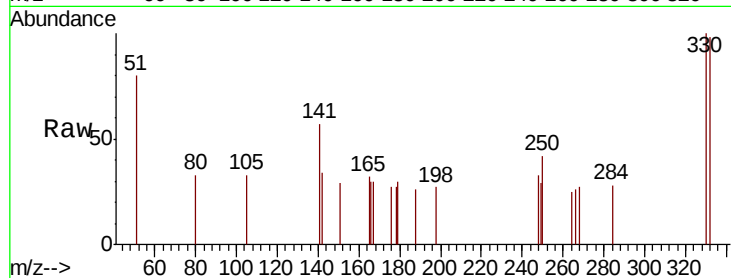




#14
 2,4,6-Tribromophenol
 Concen: 0.336 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE099015.D
 Acq: 19 Mar 2019 00:33

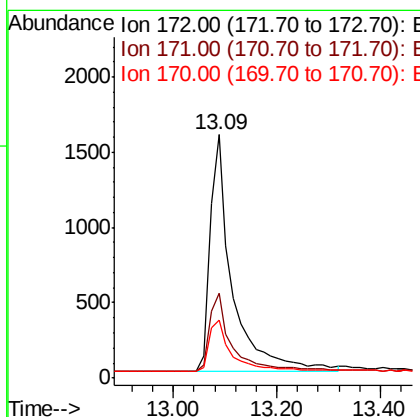
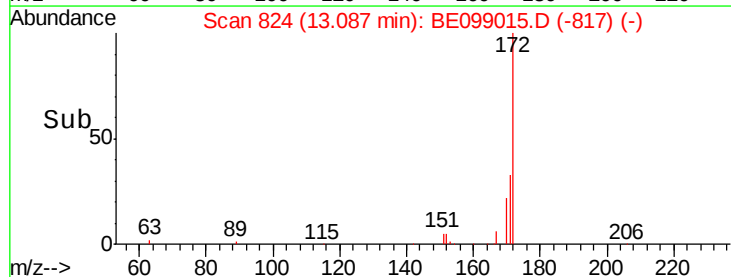
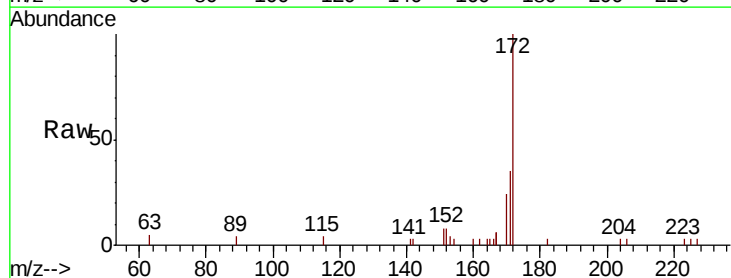
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW306S-20190314

Tgt Ion: 330 Resp: 398
 Ion Ratio Lower Upper
 330 100
 332 94.0 77.6 116.4
 141 50.3 31.0 46.4#



#15
 2-Fluorobiphenyl
 Concen: 0.487 ng
 RT: 13.09 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BE099015.D
 Acq: 19 Mar 2019 00:33

Tgt Ion: 172 Resp: 4729
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.0 42.0
 170 24.1 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: BE099015.D

Acq: 19 Mar 2019 00:33

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW306S-20190314

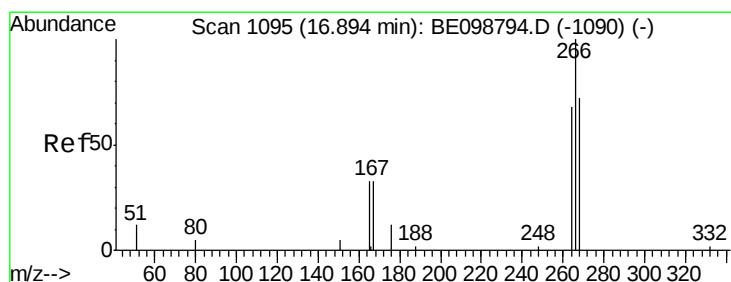
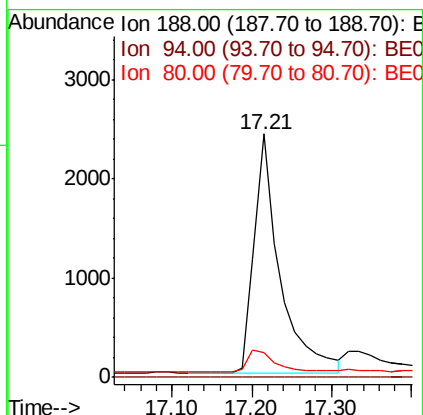
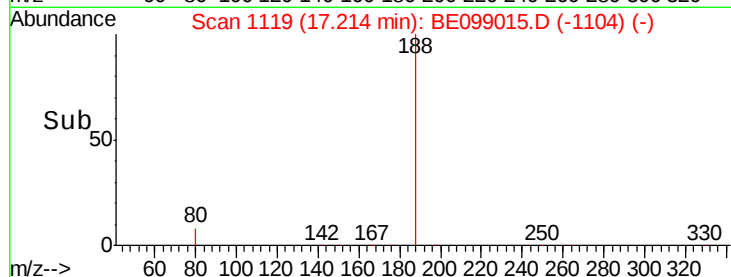
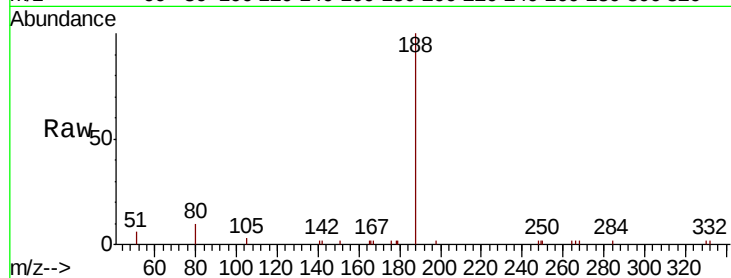
Tgt Ion:188 Resp: 5447

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.0 6.3 9.5#



#22

Pentachlorophenol

Concen: 0.287 ng

RT: 16.92 min Scan# 1097

Delta R.T. 0.03 min

Lab File: BE099015.D

Acq: 19 Mar 2019 00:33

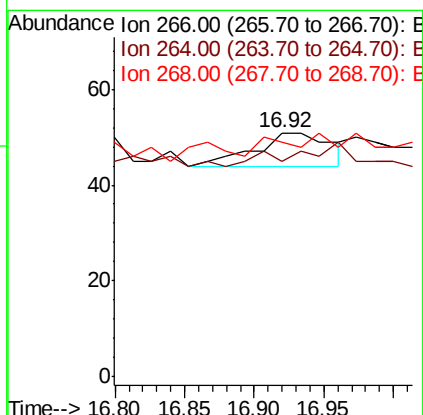
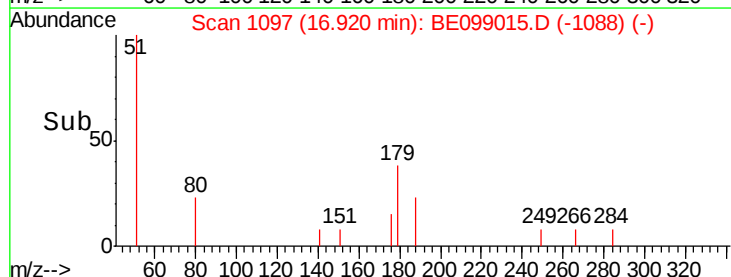
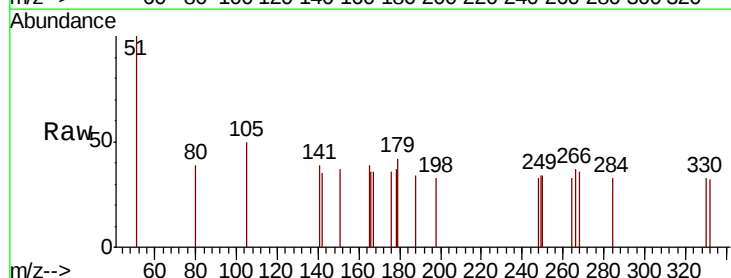
Tgt Ion:266 Resp: 27

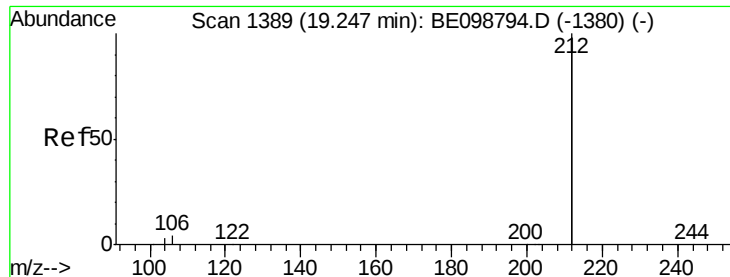
Ion Ratio Lower Upper

266 100

264 88.2 66.6 100.0

268 96.1 69.8 104.8





#25

Fluoranthene-d10

Concen: 0.396 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BE099015.D

Acq: 19 Mar 2019 00:33

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW306S-20190314

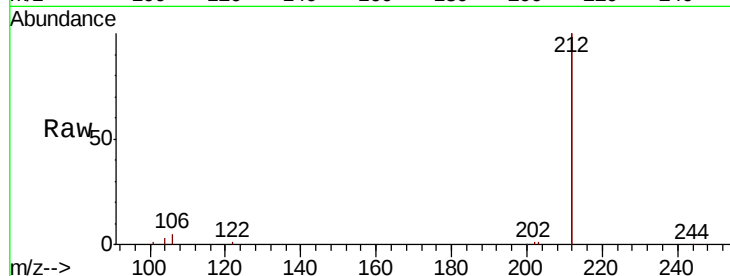
Tgt Ion:212 Resp: 34438

Ion Ratio Lower Upper

212 100

106 2.4 1.8 2.8

104 1.4 1.0 1.6

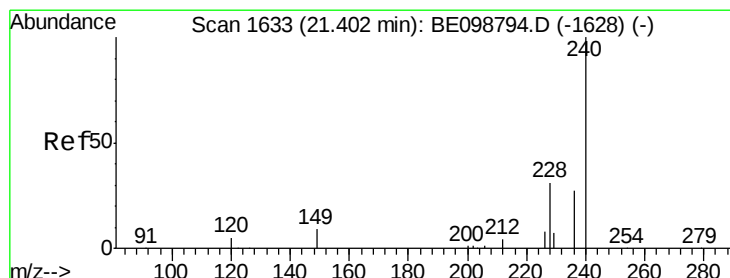
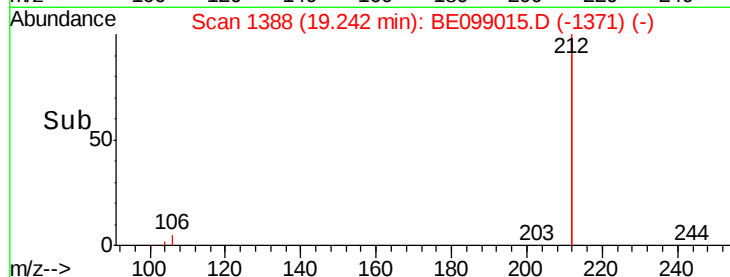
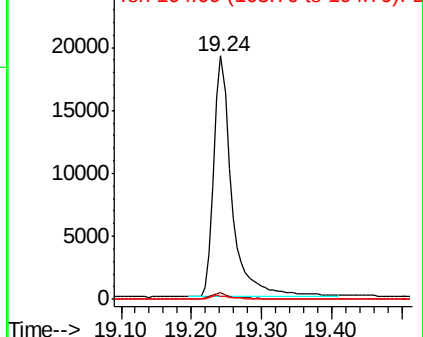


Abundance

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: 21.40 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BE099015.D

Acq: 19 Mar 2019 00:33

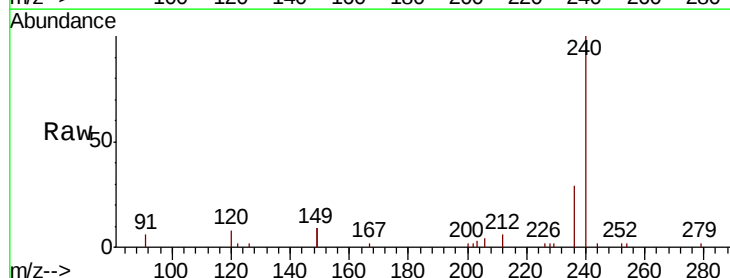
Tgt Ion:240 Resp: 6217

Ion Ratio Lower Upper

240 100

120 8.2 5.0 7.4#

236 28.5 22.7 34.1

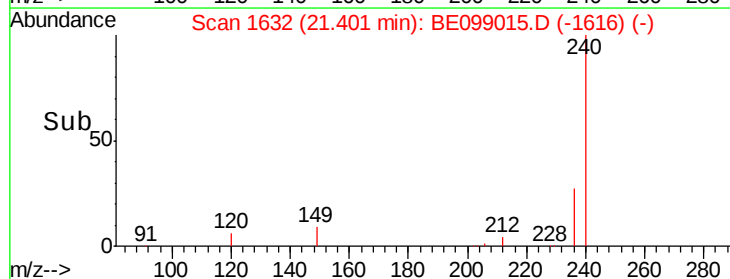
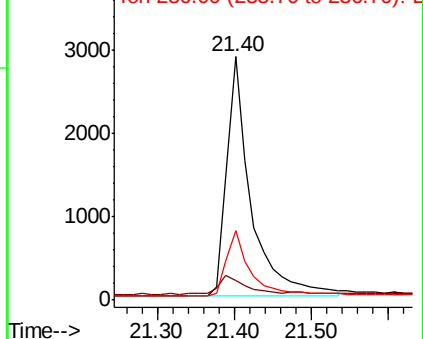


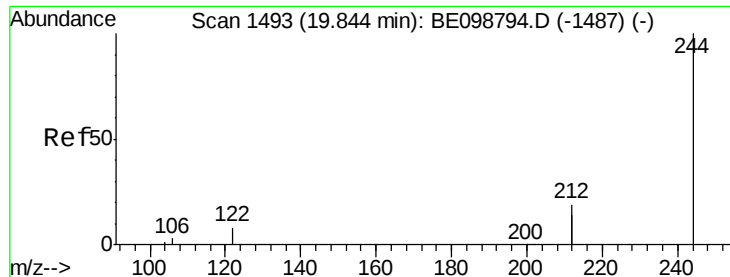
Abundance

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: 0.456 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BE099015.D

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BPS1-TT-MW306S-20190314

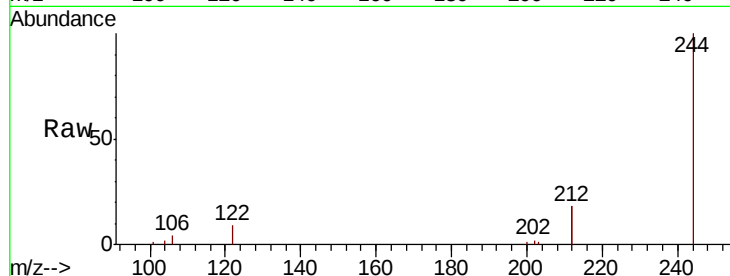
Tgt Ion:244 Resp: 6892

Ion Ratio Lower Upper

244 100

212 36.9 29.4 44.2

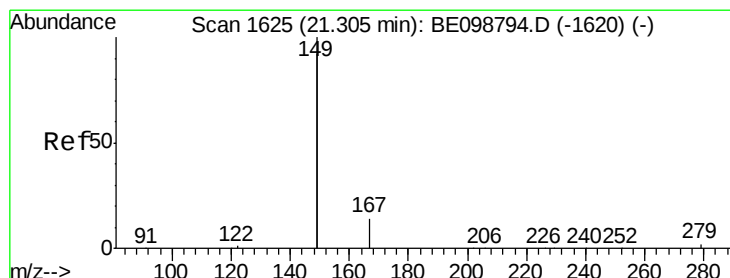
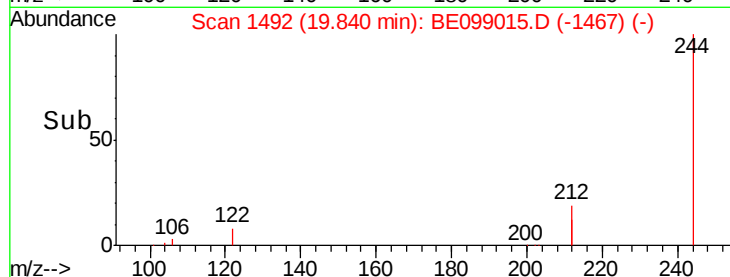
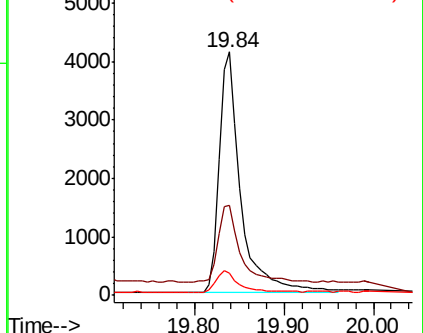
122 9.2 7.1 10.7



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: 0.047 ng

RT: 21.29 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE099015.D

Acq: 19 Mar 2019 00:33

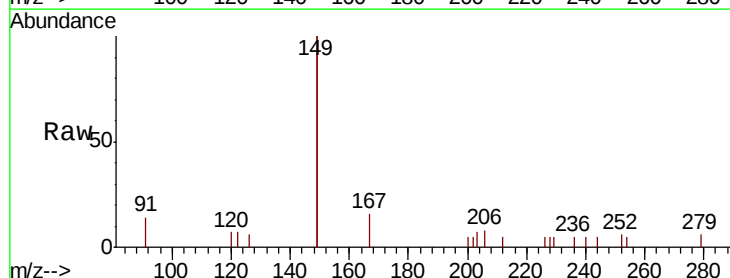
Tgt Ion:149 Resp: 1953

Ion Ratio Lower Upper

149 100

167 7.1 5.4 8.0

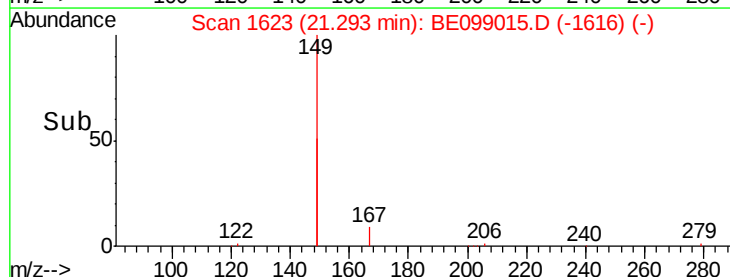
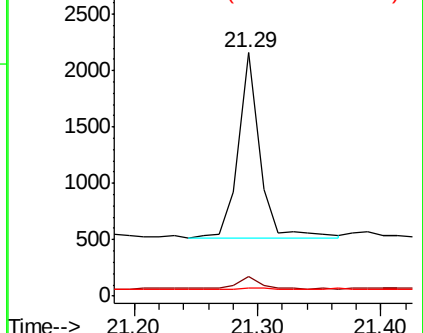
279 2.0 1.0 1.4#



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: 23.90 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BE099015.D
Acq: 19 Mar 2019 00:33

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW306S-20190314

Tgt Ion: 264 Resp: 5724
Ion Ratio Lower Upper
264 100
260 24.8 21.2 31.8
265 29.8 24.6 36.8

