

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031819\
 Data File : BE099008.D
 Acq On : 18 Mar 2019 19:37
 Operator : JU/SJ
 Sample : K19137-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW314S-20190313

Quant Time: Mar 19 01:53:32 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	678	0.40	ng	0.01
7) Naphthalene-d8	10.60	136	3276	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2404	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6214	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6296	0.40	ng	0.00
34) Perylene-d12	23.90	264	5867	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.42	112	258	0.13	ng	0.04
5) Phenol-d6	7.04	99	130	0.05	ng	0.06
8) Nitrobenzene-d5	9.04	82	969	0.28	ng	0.08
11) 2-Methylnaphthalene-d10	12.21	152	2379	0.39	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	392	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4507	0.45	ng	0.00
25) Fluoranthene-d10	19.24	212	34795	0.35	ng	0.00
29) Terphenyl-d14	19.84	244	6777	0.44	ng	0.00

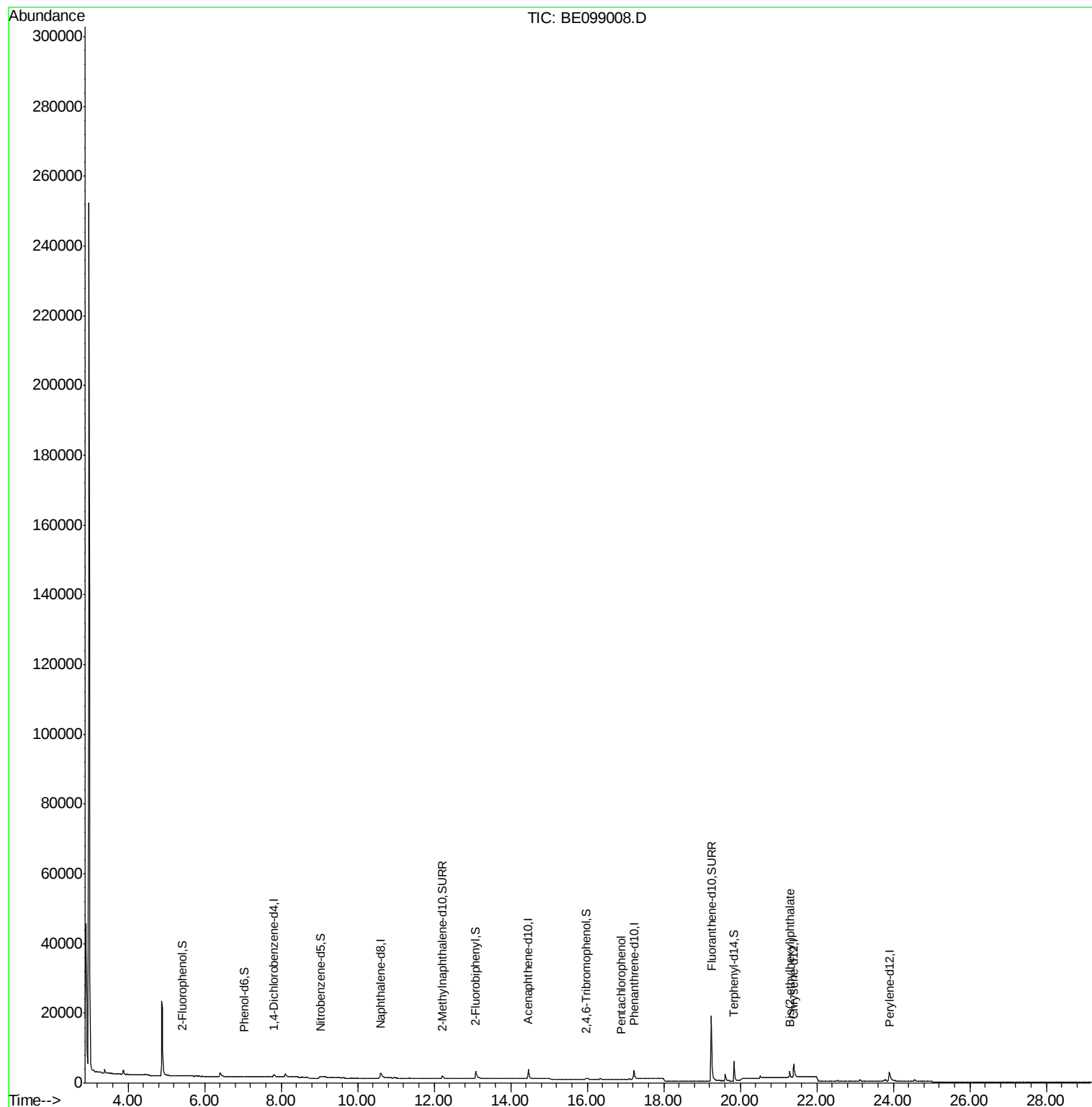
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.31	88	25	Below Cal		# 11
22) Pentachlorophenol	16.89	266	5	0.268	ng	86
32) Bis(2-ethylhexyl)phthalate	21.29	149	2070	0.050	ng	98

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

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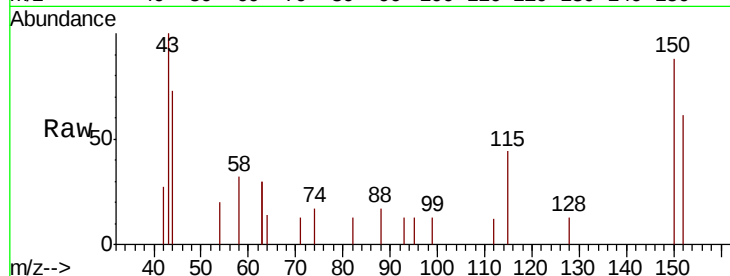


#1

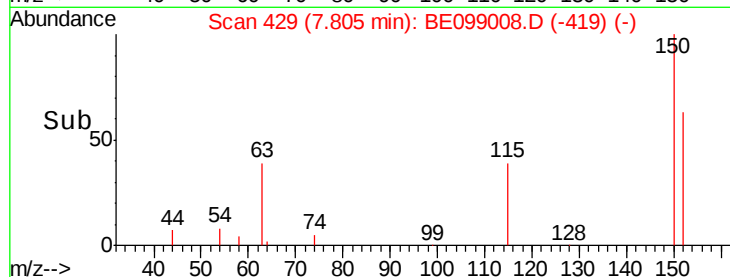
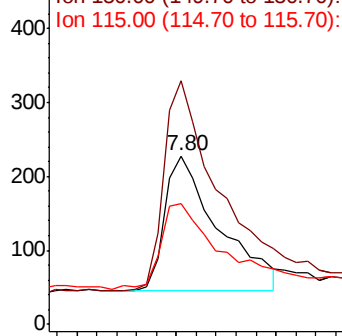
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.80 min Scan# 429
 Delta R.T. 0.01 min
 Lab File: BE099008.D
 Acq: 18 Mar 2019 19:37

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW314S-20190313

Tgt Ion: 152 Resp: 678
 Ion Ratio Lower Upper
 152 100
 150 144.3 122.5 183.7
 115 71.5 57.4 86.2



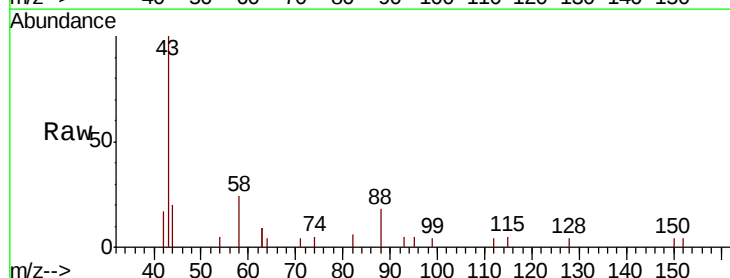
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



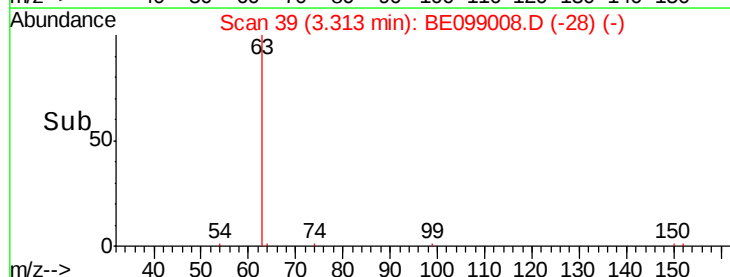
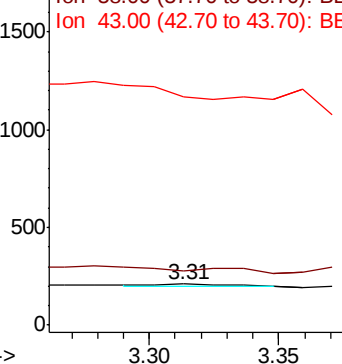
#2

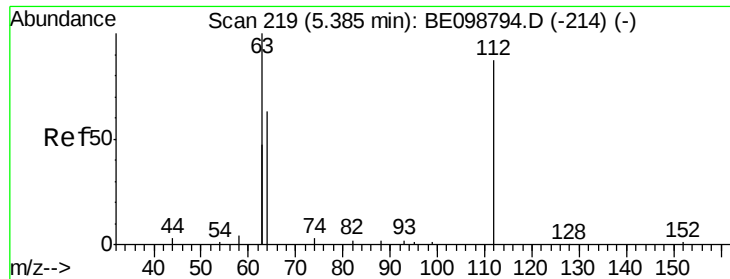
1,4-Dioxane
 Concen: Below Cal
 RT: 3.31 min Scan# 39
 Delta R.T. 0.03 min
 Lab File: BE099008.D
 Acq: 18 Mar 2019 19:37

Tgt Ion: 88 Resp: 25
 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: 0.127 ng

RT: 5.42 min Scan# 222

Delta R.T. 0.04 min

Lab File: BE099008.D

Acq: 18 Mar 2019 19:37

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW314S-20190313

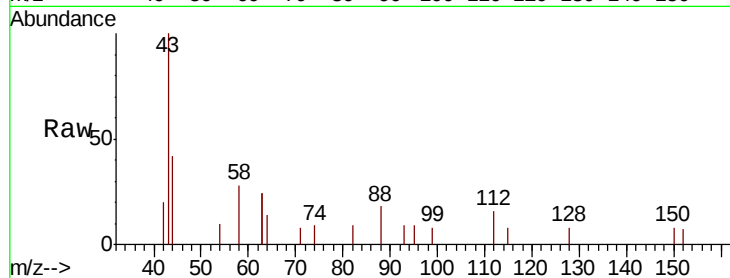
Tgt Ion: 112 Resp: 258

Ion Ratio Lower Upper

112 100

64 103.1 57.9 86.9#

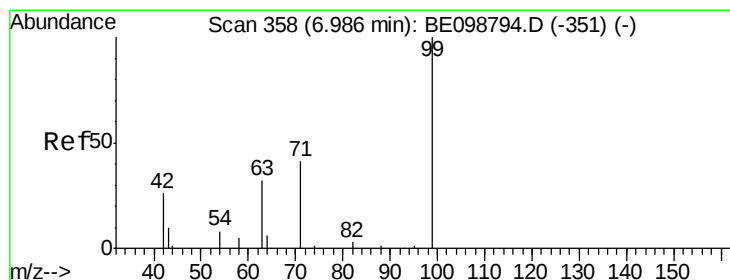
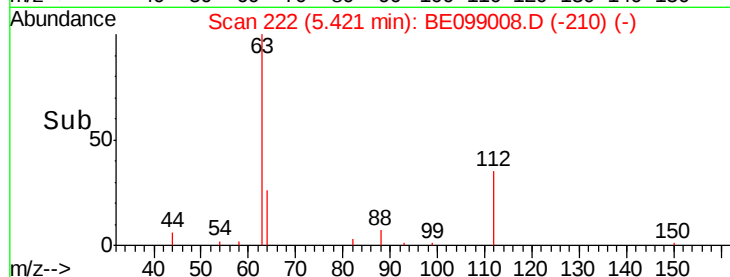
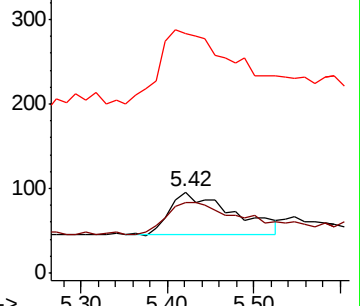
63 0.0 158.3 237.5#



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: 0.045 ng

RT: 7.04 min Scan# 363

Delta R.T. 0.06 min

Lab File: BE099008.D

Acq: 18 Mar 2019 19:37

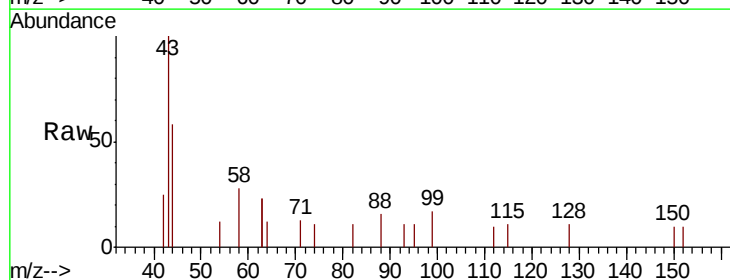
Tgt Ion: 99 Resp: 130

Ion Ratio Lower Upper

99 100

42 46.9 24.2 36.2#

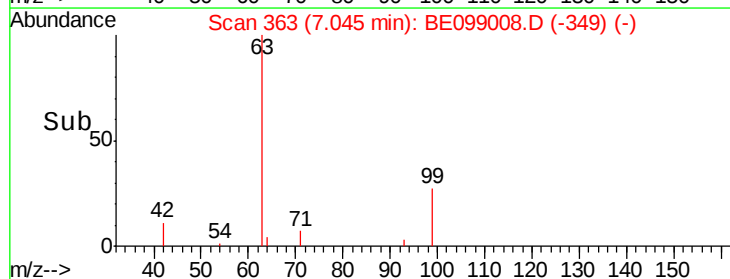
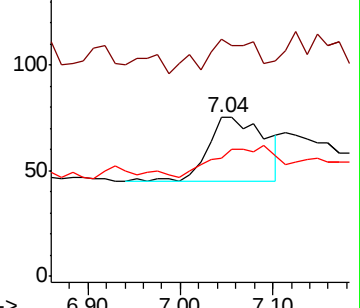
71 0.0 35.7 53.5#



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





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE099008.D

Acq: 18 Mar 2019 19:37

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW314S-20190313

Tgt Ion: 136 Resp: 3276

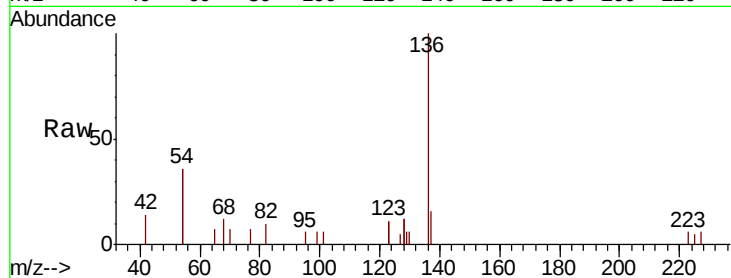
Ion Ratio Lower Upper

136 100

137 15.5 11.4 17.0

54 71.1 39.3 58.9#

68 12.2 6.7 10.1#



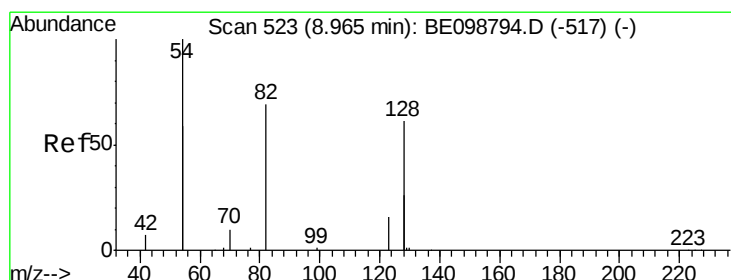
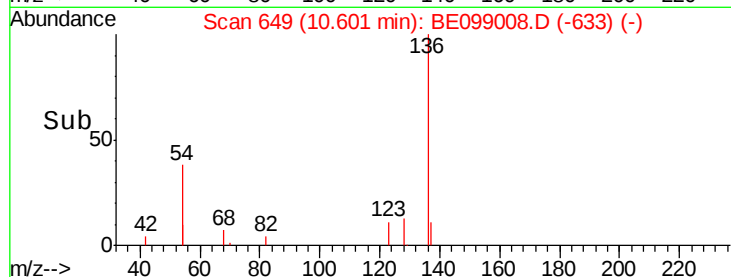
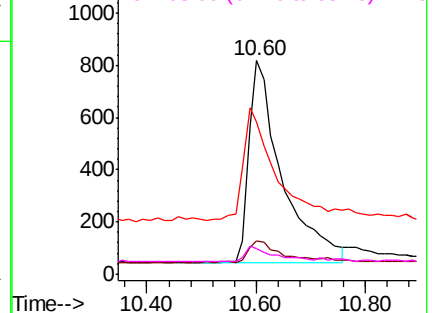
Abundance

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: 0.282 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.08 min

Lab File: BE099008.D

Acq: 18 Mar 2019 19:37

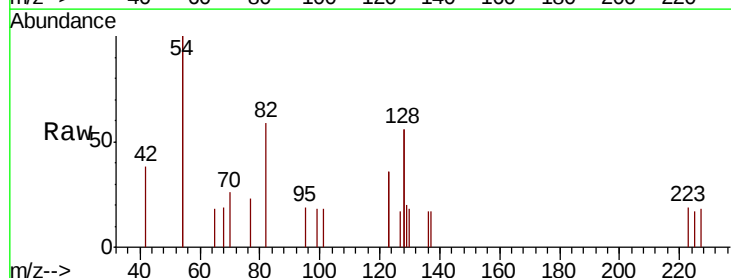
Tgt Ion: 82 Resp: 969

Ion Ratio Lower Upper

82 100

128 190.8 123.8 185.8#

54 341.2 203.4 305.2#

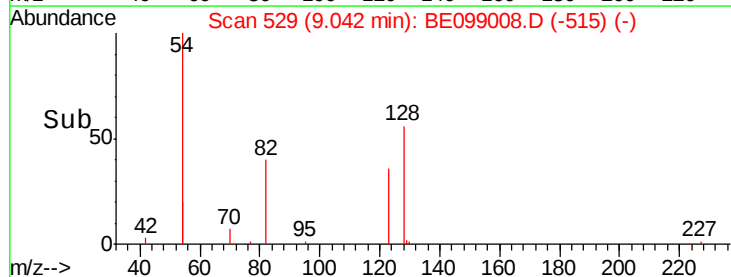
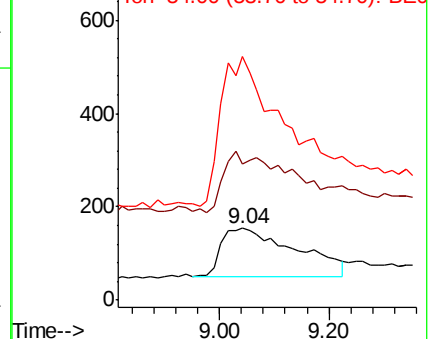


Abundance

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

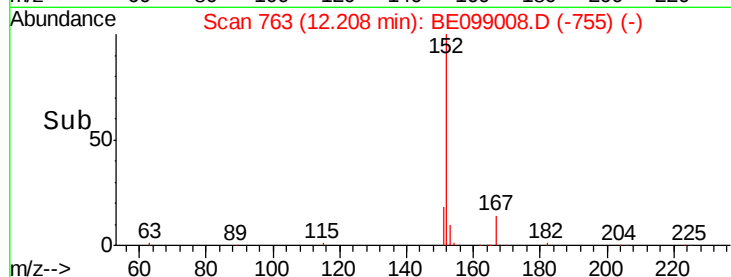
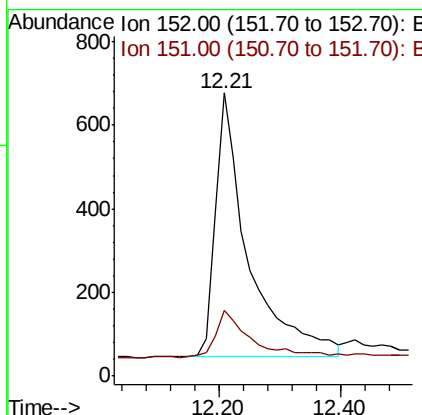
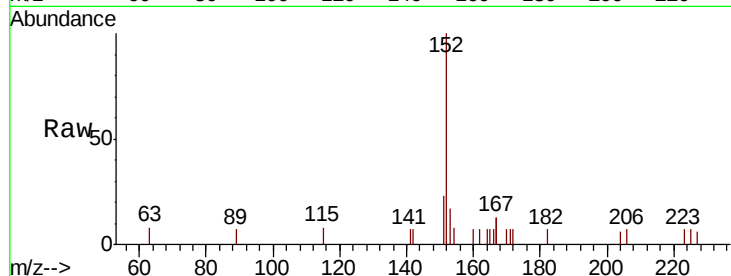




#11
 2-Methylnaphthalene-d10
 Concen: 0.393 ng
 RT: 12.21 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: BE099008.D
 Acq: 18 Mar 2019 19:37

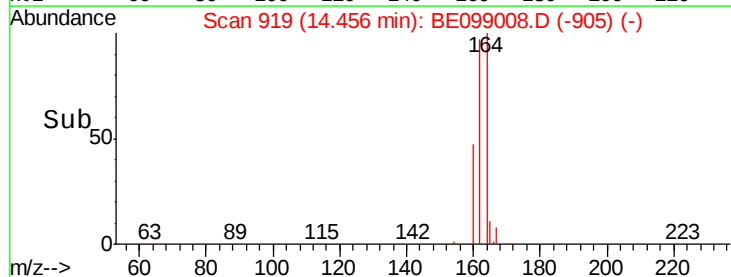
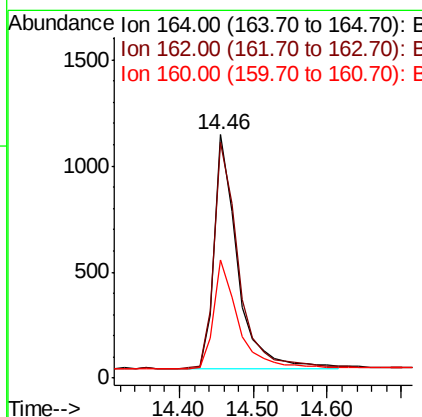
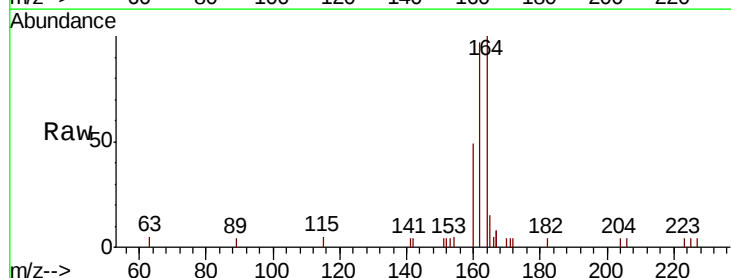
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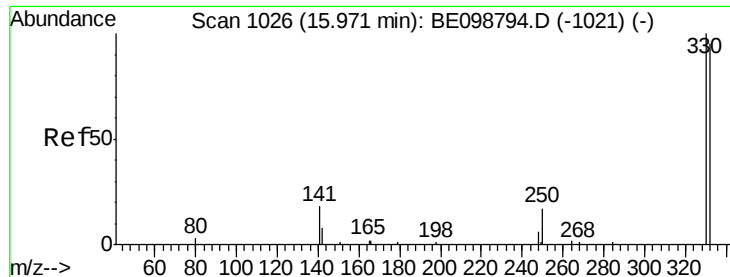
Tgt Ion:152 Resp: 2379
 Ion Ratio Lower Upper
 152 100
 151 21.3 16.5 24.7



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: BE099008.D
 Acq: 18 Mar 2019 19:37

Tgt Ion:164 Resp: 2404
 Ion Ratio Lower Upper
 164 100
 162 96.9 80.2 120.2
 160 48.7 37.8 56.8

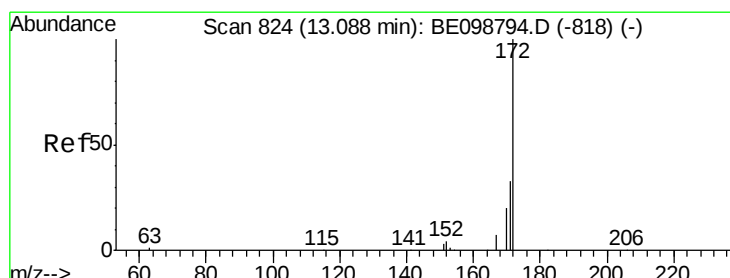
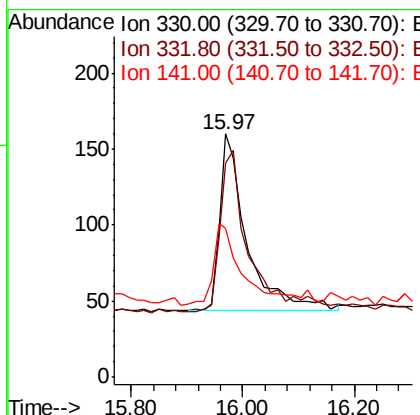
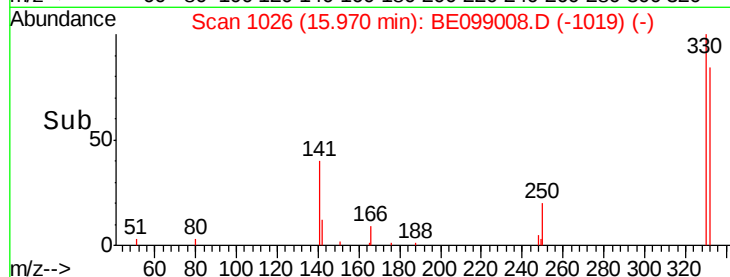
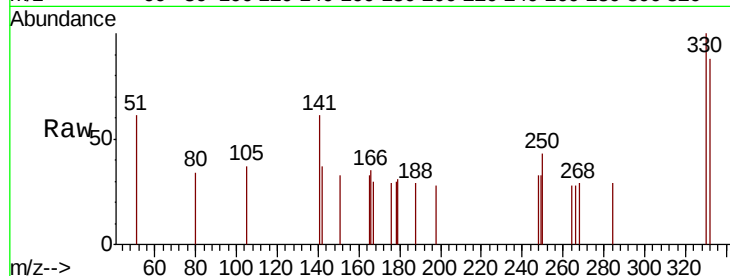




#14
 2,4,6-Tribromophenol
 Concen: 0.323 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE099008.D
 Acq: 18 Mar 2019 19:37

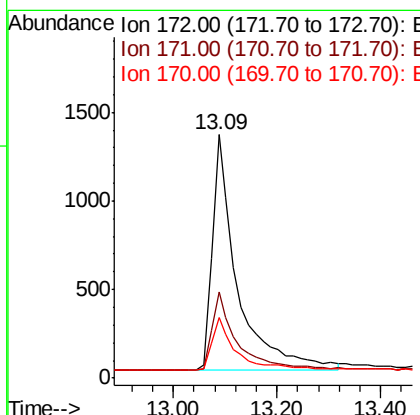
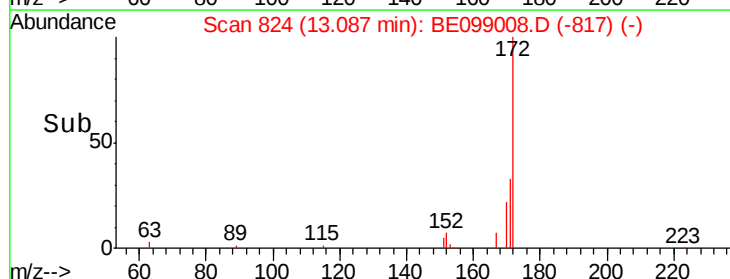
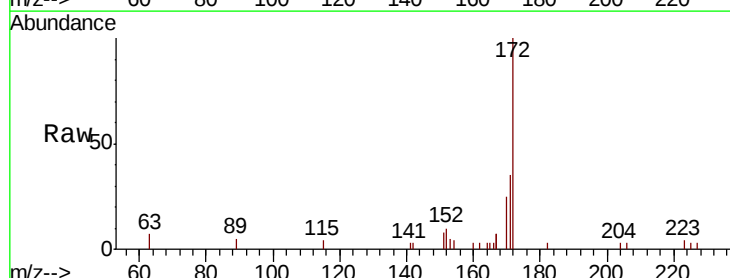
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW314S-20190313

Tgt Ion: 330 Resp: 392
 Ion Ratio Lower Upper
 330 100
 332 0.0 77.6 116.4#
 141 51.3 31.0 46.4#



#15
 2-Fluorobiphenyl
 Concen: 0.453 ng
 RT: 13.09 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BE099008.D
 Acq: 18 Mar 2019 19:37

Tgt Ion: 172 Resp: 4507
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.0 42.0
 170 24.7 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: BE099008.D

Acq: 18 Mar 2019 19:37

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW314S-20190313

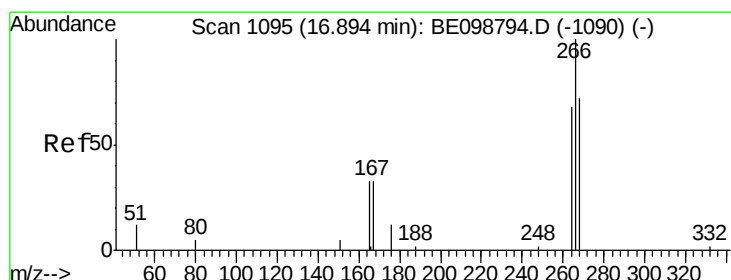
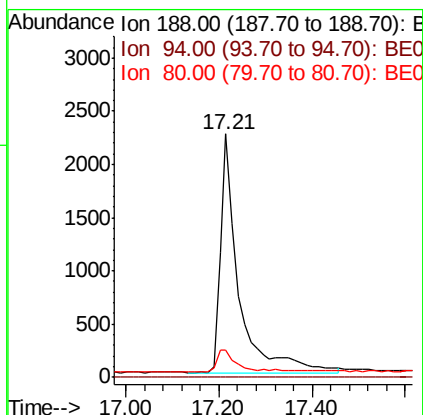
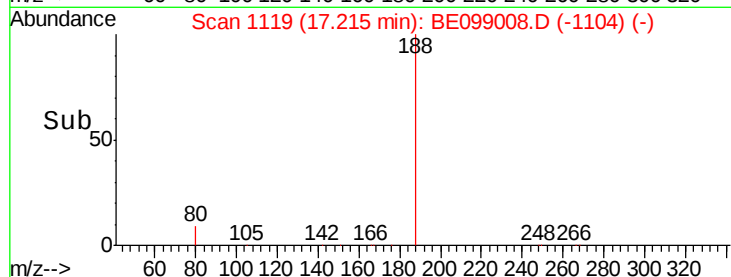
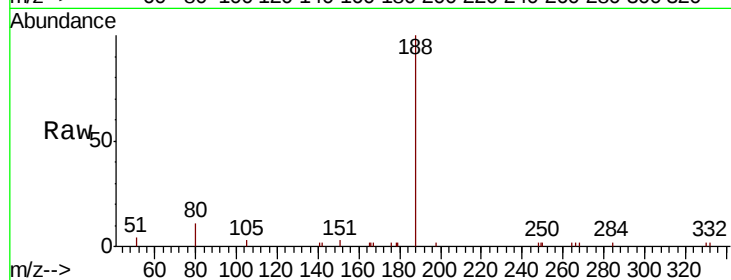
Tgt Ion:188 Resp: 6214

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.0 6.3 9.5#



#22

Pentachlorophenol

Concen: 0.268 ng

RT: 16.89 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BE099008.D

Acq: 18 Mar 2019 19:37

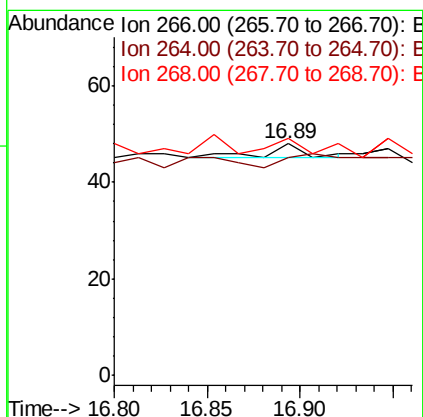
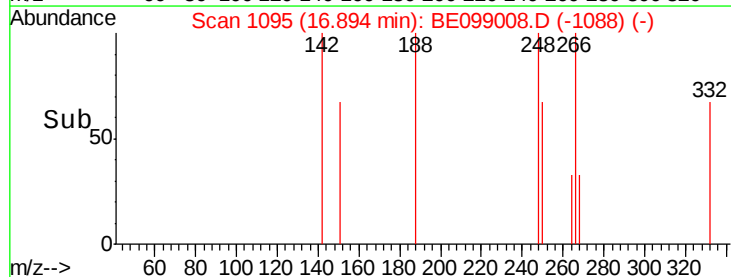
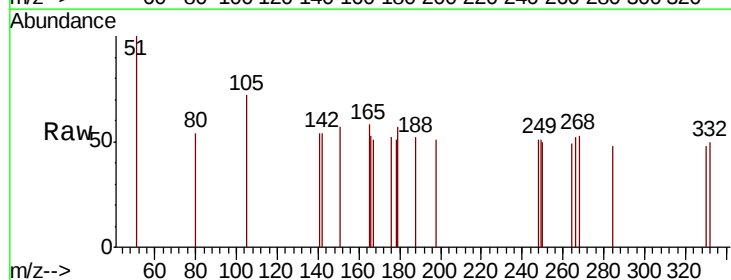
Tgt Ion:266 Resp: 5

Ion Ratio Lower Upper

266 100

264 93.8 66.6 100.0

268 102.1 69.8 104.8

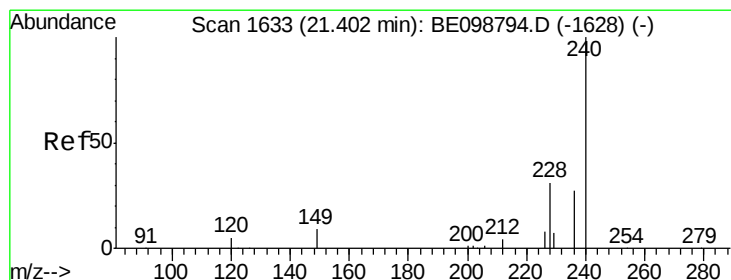
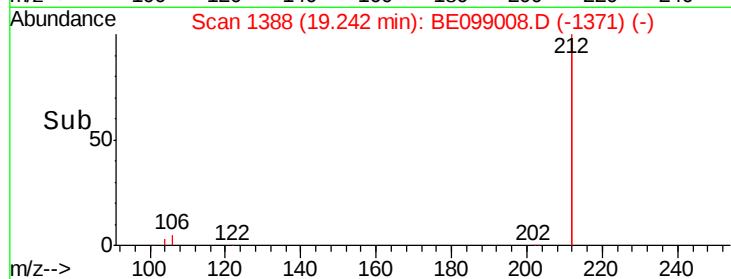
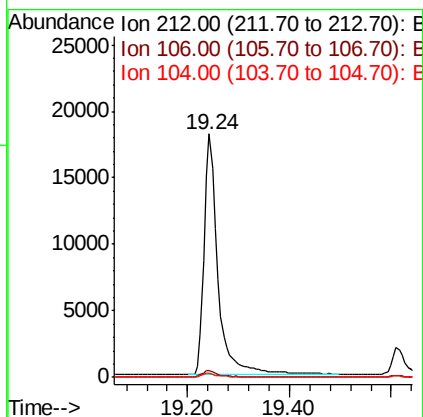
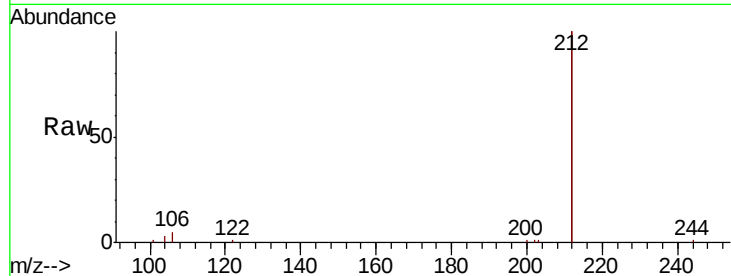




#25
 Fluoranthene-d10
 Concen: 0.351 ng
 RT: 19.24 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: BE099008.D
 Acq: 18 Mar 2019 19:37

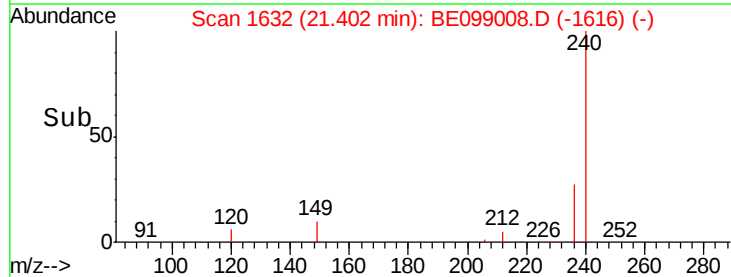
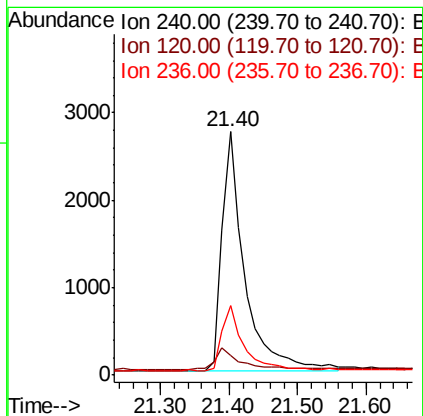
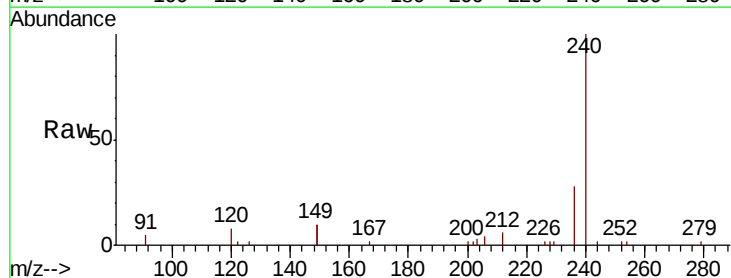
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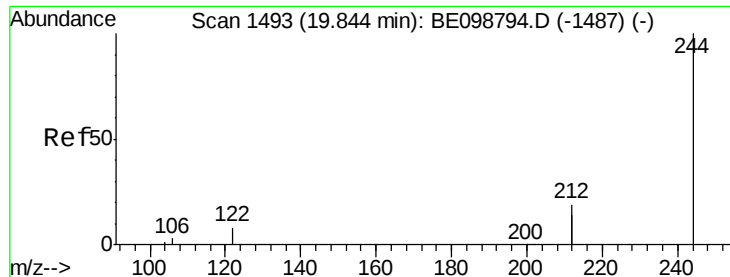
Tgt Ion:212 Resp: 34795
 Ion Ratio Lower Upper
 212 100
 106 2.5 1.8 2.8
 104 1.4 1.0 1.6



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1632
 Delta R.T. -0.00 min
 Lab File: BE099008.D
 Acq: 18 Mar 2019 19:37

Tgt Ion:240 Resp: 6296
 Ion Ratio Lower Upper
 240 100
 120 8.0 5.0 7.4#
 236 28.4 22.7 34.1





#29

Terphenyl-d14

Concen: 0.443 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BE099008.D

Acq: 18 Mar 2019 19:37

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW314S-20190313

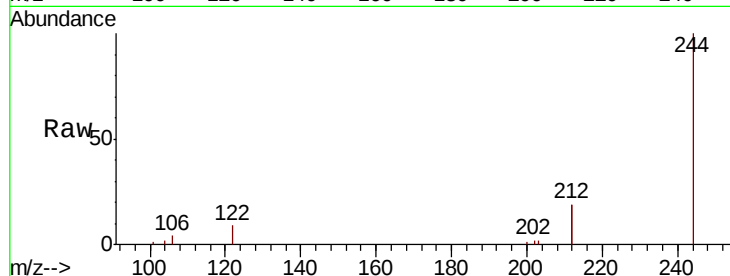
Tgt Ion:244 Resp: 6777

Ion Ratio Lower Upper

244 100

212 37.1 29.4 44.2

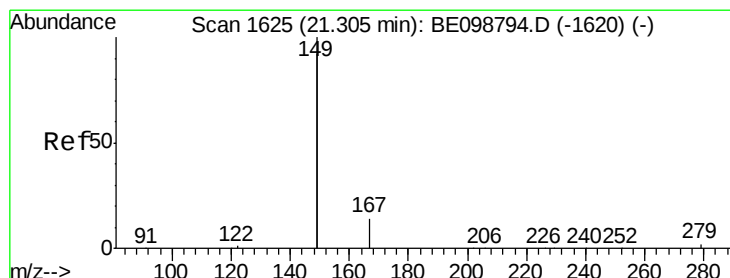
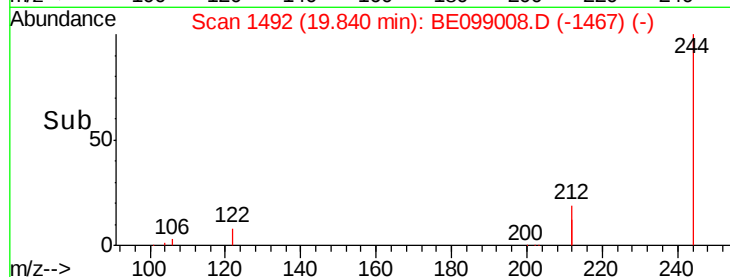
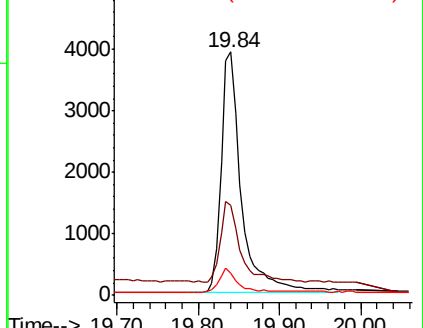
122 9.1 7.1 10.7



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: 0.050 ng

RT: 21.29 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE099008.D

Acq: 18 Mar 2019 19:37

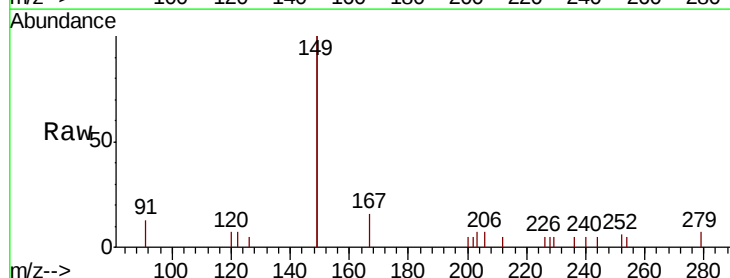
Tgt Ion:149 Resp: 2070

Ion Ratio Lower Upper

149 100

167 7.5 5.4 8.0

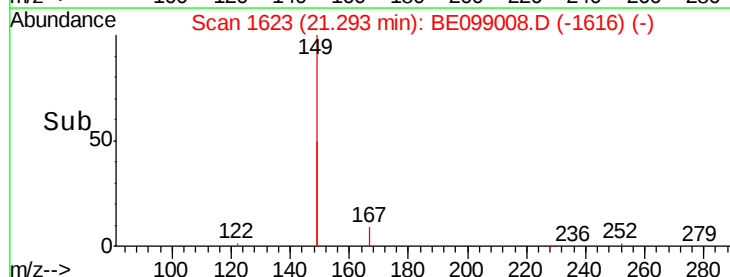
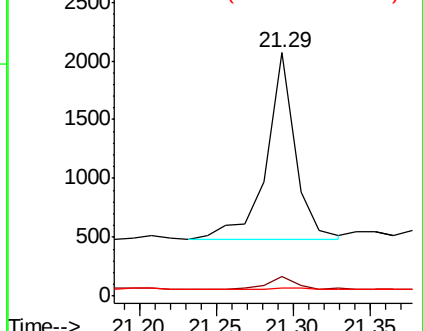
279 1.4 1.0 1.4

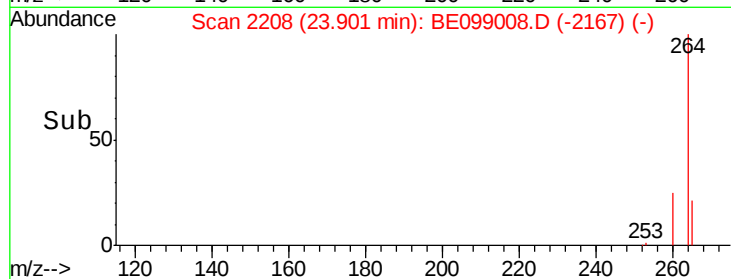
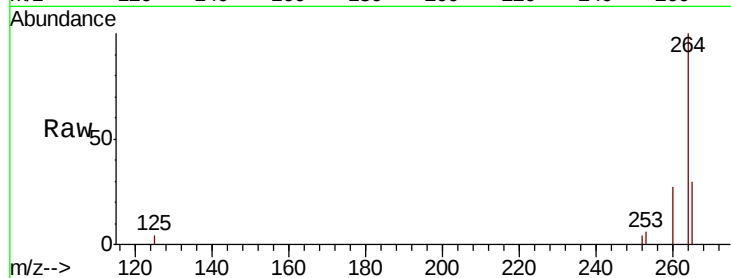


Abundance Ion 149.00 (148.70 to 149.70): E

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. -0.00 min

Lab File: BE099008.D

Acq: 18 Mar 2019 19:37

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW314S-20190313

Tgt Ion: 264 Resp: 5867

Ion Ratio Lower Upper

264 100

260 27.1 21.2 31.8

265 29.6 24.6 36.8

