

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE040419\
 Data File : BE099297.D
 Acq On : 4 Apr 2019 19:29
 Operator : JU/SJ
 Sample : K2210-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 WE-2

Quant Time: Apr 05 04:26:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE040219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 02 17:16:42 2019
 Response via : Initial Calibration

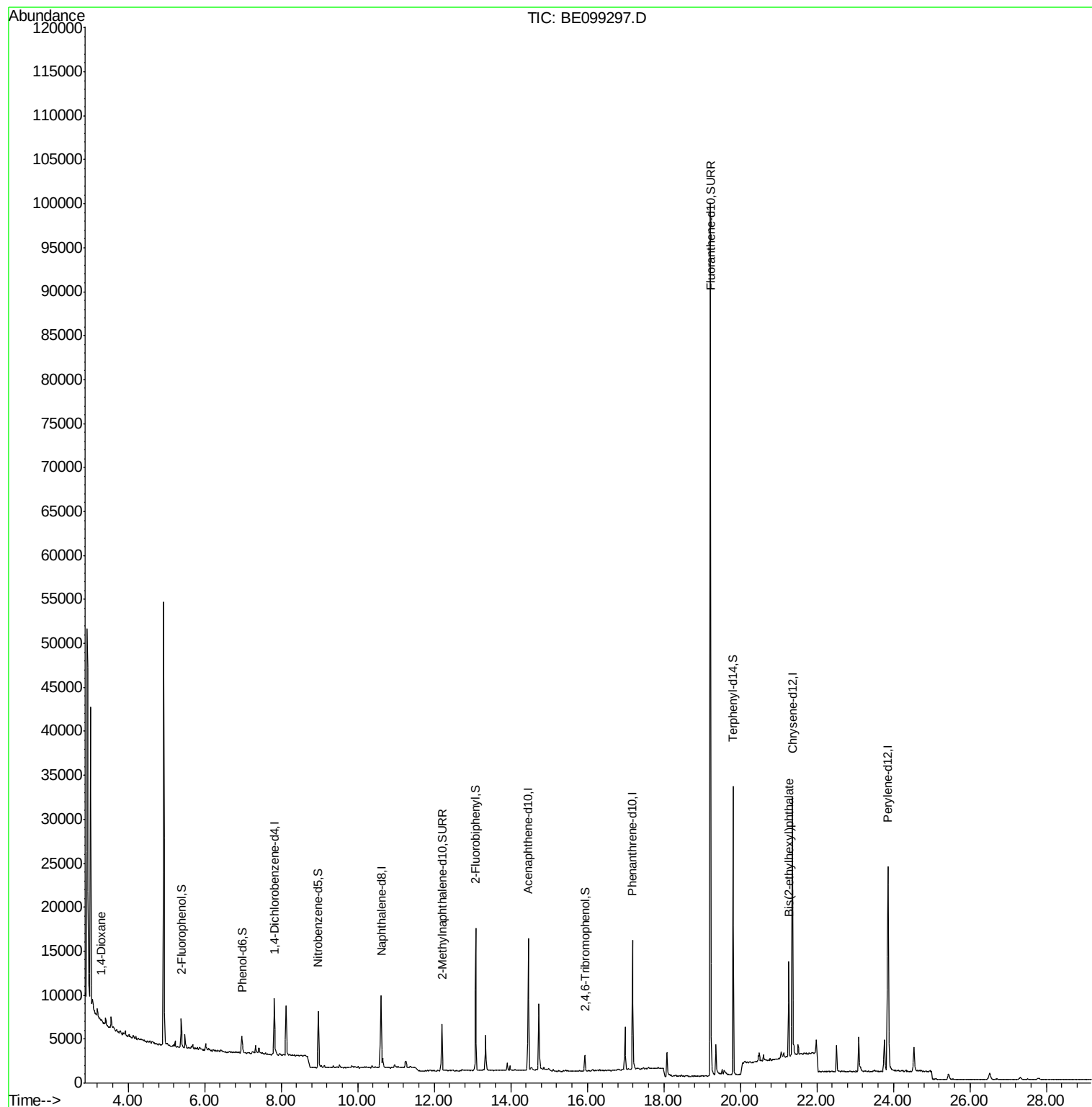
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	3047	0.40	ng	-0.02
7) Naphthalene-d8	10.61	136	11052	0.40	ng	-0.01
13) Acenaphthene-d10	14.46	164	7089	0.40	ng	-0.03
19) Phenanthrene-d10	17.19	188	20012	0.40	ng	-0.03
27) Chrysene-d12	21.37	240	33433	0.40	ng	-0.02
34) Perylene-d12	23.86	264	35532	0.40	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	1836	0.23	ng	-0.02
5) Phenol-d6	6.98	99	2050	0.18	ng	-0.01
8) Nitrobenzene-d5	8.96	82	3188	0.42	ng	-0.03
11) 2-Methylnaphthalene-d10	12.21	152	8121	0.42	ng	-0.02
14) 2,4,6-Tribromophenol	15.94	330	1262	0.39	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	14739	0.53	ng	-0.02
25) Fluoranthene-d10	19.22	212	128866	0.49	ng	-0.02
29) Terphenyl-d14	19.81	244	29709	0.49	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.30	88	133	0.032	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.27	149	12872	0.096	ng	# 99

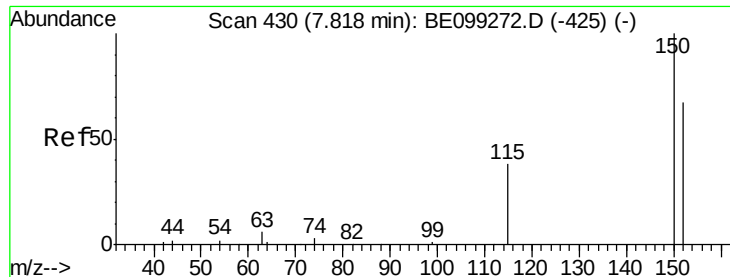
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. -0.02 min

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Instrument :

BNA_E

ClientSampleId :

WE-2

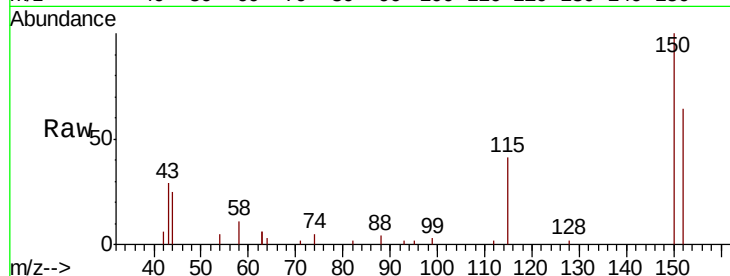
Tgt Ion:152 Resp: 3047

Ion Ratio Lower Upper

152 100

150 157.3 112.8 169.2

115 65.2 45.1 67.7

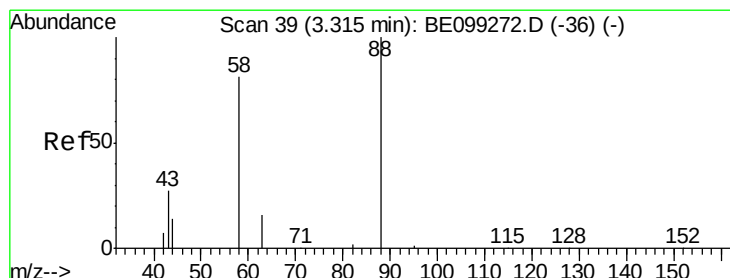
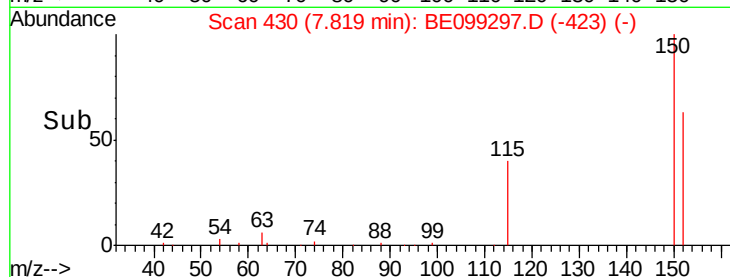
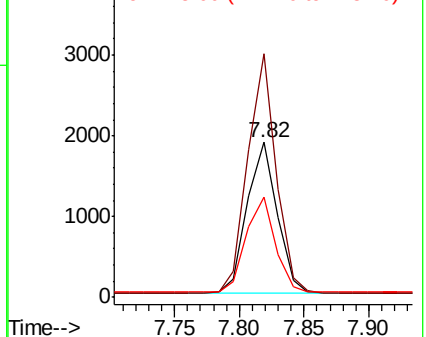


Abundance

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: 0.032 ng

RT: 3.30 min Scan# 38

Delta R.T. -0.03 min

Lab File: BE099297.D

Acq: 4 Apr 2019 19:29

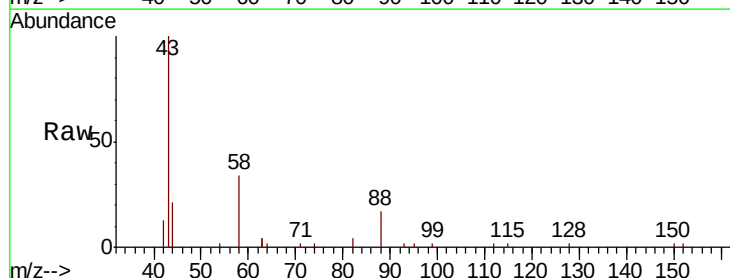
Tgt Ion: 88 Resp: 133

Ion Ratio Lower Upper

88 100

58 0.0 47.4 71.0#

43 782.7 15.6 23.4#

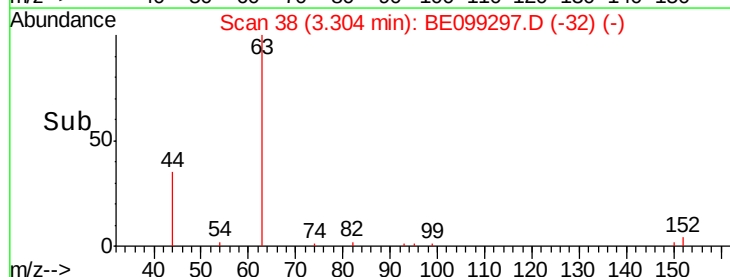
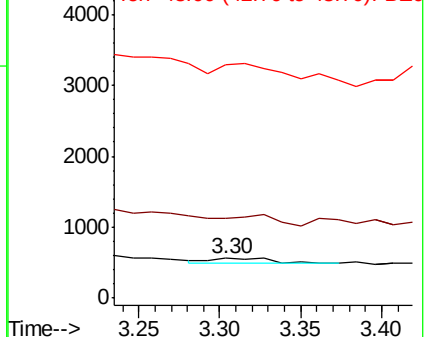


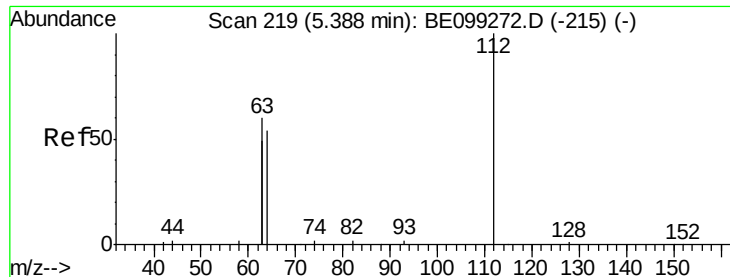
Abundance

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: 0.227 ng

RT: 5.39 min Scan# 219

Delta R.T. -0.02 min

Lab File: BE099297.D

Acq: 4 Apr 2019 19:29

Instrument :

BNA_E

ClientSampleId :

WE-2

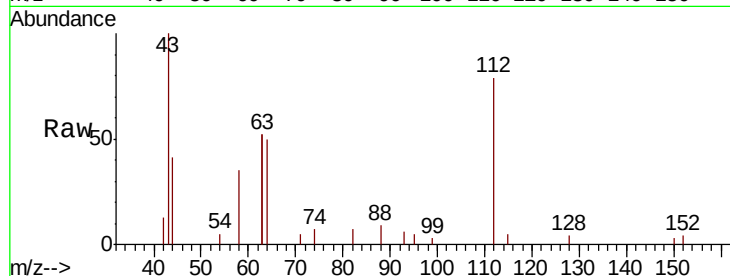
Tgt Ion: 112 Resp: 1836

Ion Ratio Lower Upper

112 100

64 56.2 46.2 69.2

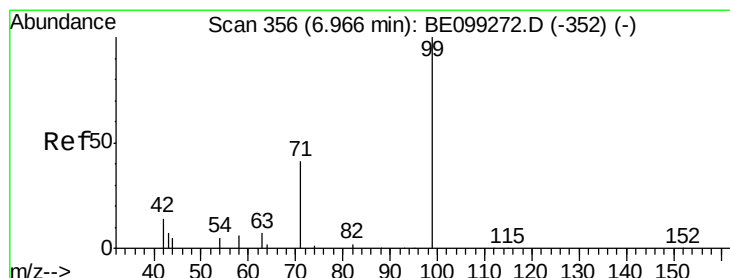
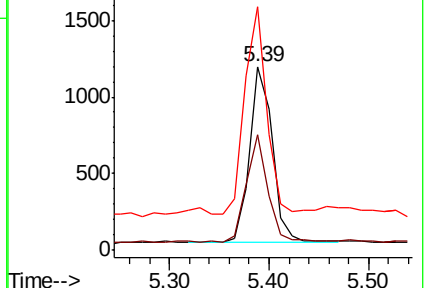
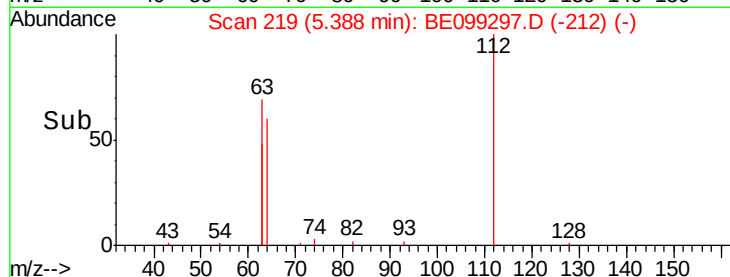
63 114.2 89.9 134.9



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: 0.184 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE099297.D

Acq: 4 Apr 2019 19:29

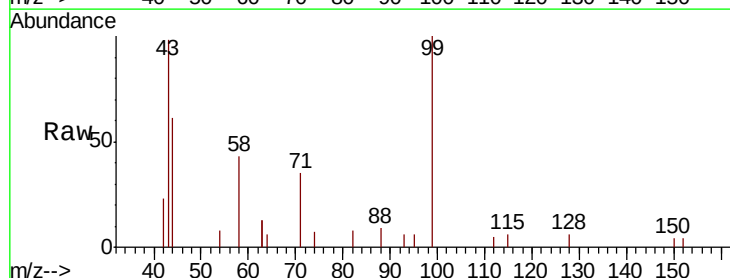
Tgt Ion: 99 Resp: 2050

Ion Ratio Lower Upper

99 100

42 17.0 12.4 18.6

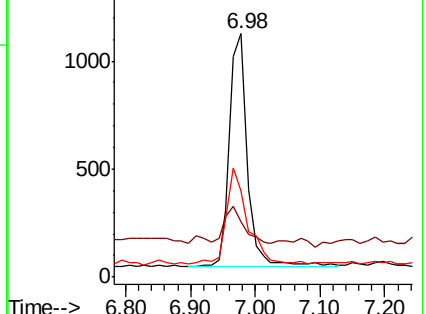
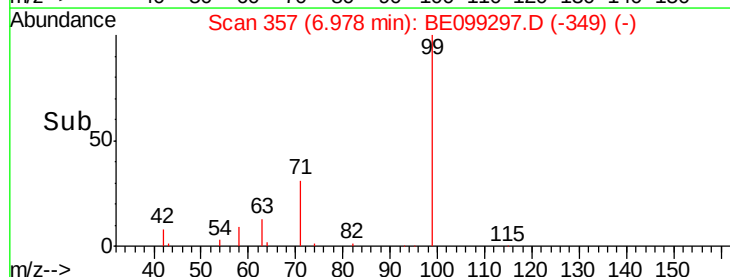
71 47.4 28.4 42.6#

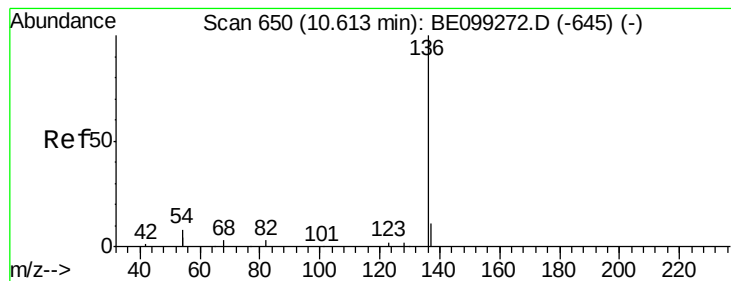


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.61 min Scan# 650

Delta R.T. -0.01 min

Lab File: BE099297.D

Acq: 4 Apr 2019 19:29

Instrument :

BNA_E

ClientSampleId :

WE-2

Tgt Ion:136 Resp: 11052

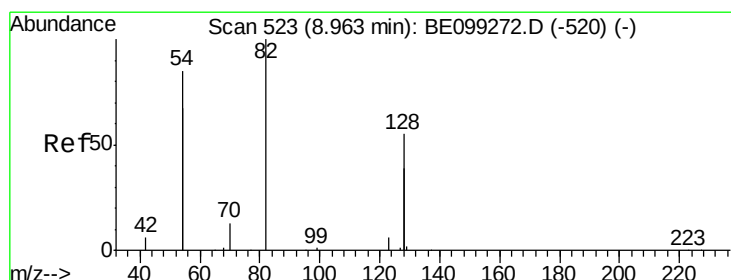
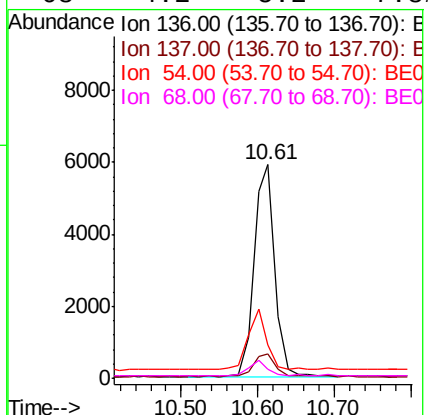
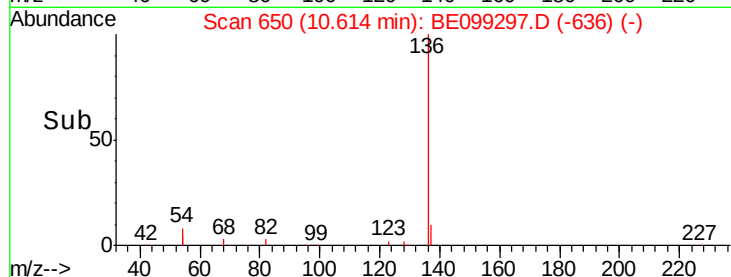
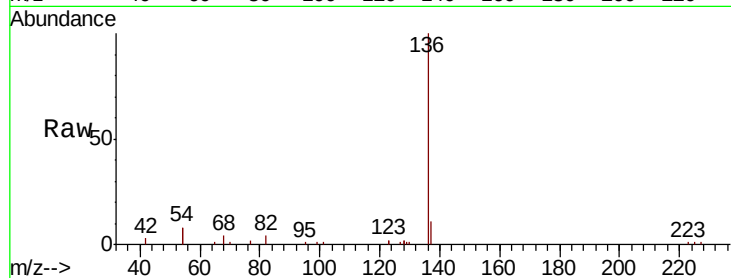
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 15.7 18.7 28.1#

68 4.2 5.2 7.8#



#8

Nitrobenzene-d5

Concen: 0.420 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.03 min

Lab File: BE099297.D

Acq: 4 Apr 2019 19:29

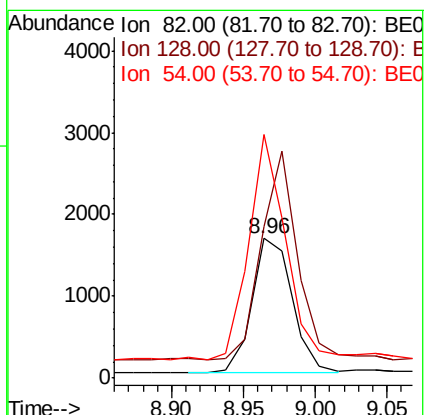
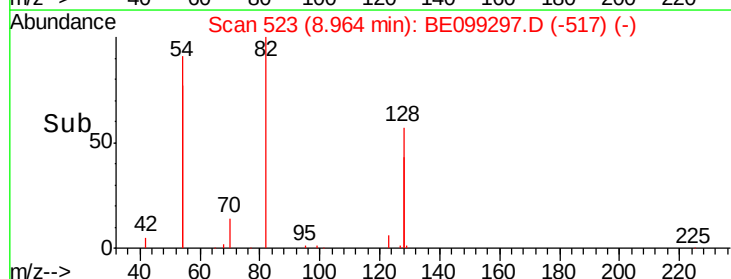
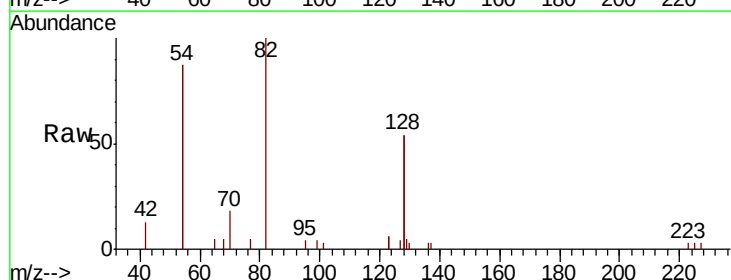
Tgt Ion: 82 Resp: 3188

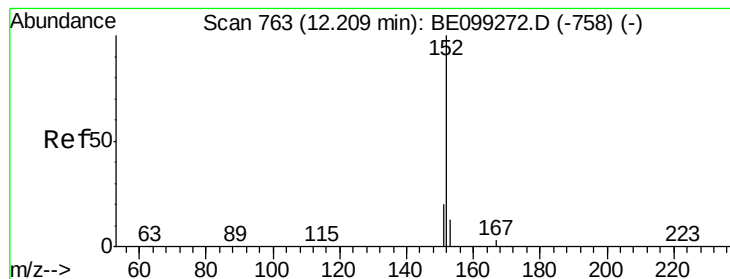
Ion Ratio Lower Upper

82 100

128 108.7 107.5 161.3

54 174.6 106.3 159.5#

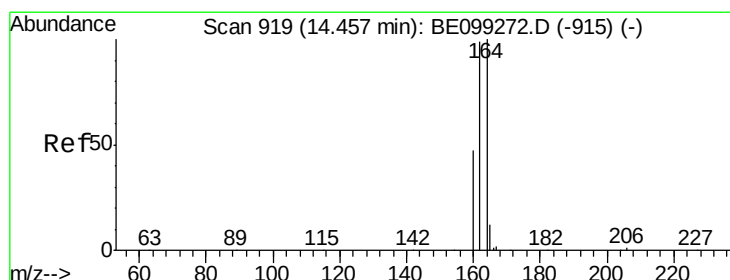
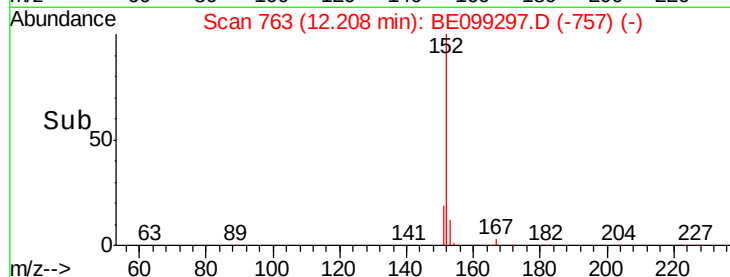
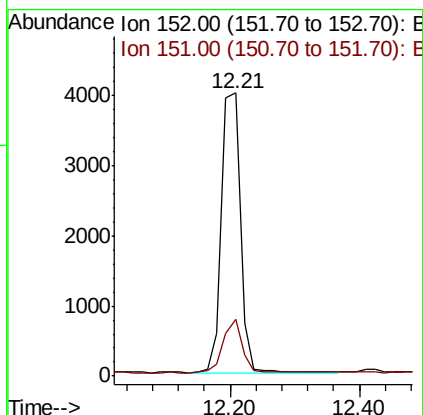
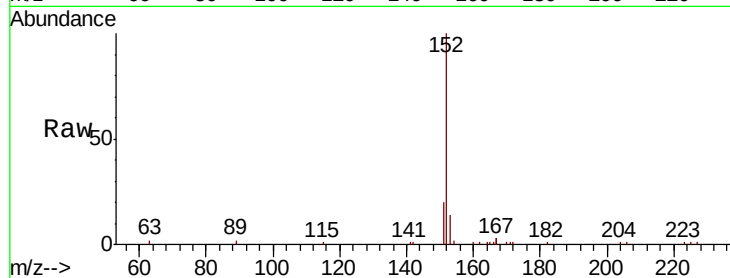




#11
 2-Methylnaphthalene-d10
 Concen: 0.421 ng
 RT: 12.21 min Scan# 763
 Delta R.T. -0.02 min
 Lab File: BE099297.D
 Acq: 4 Apr 2019 19:29

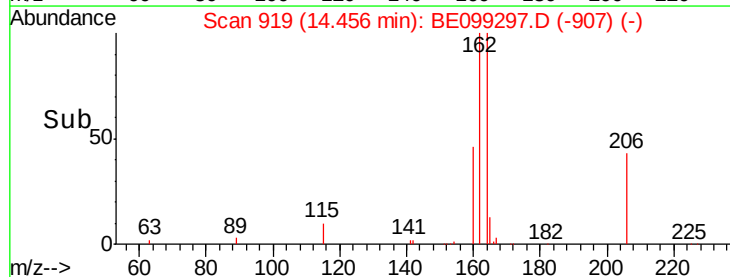
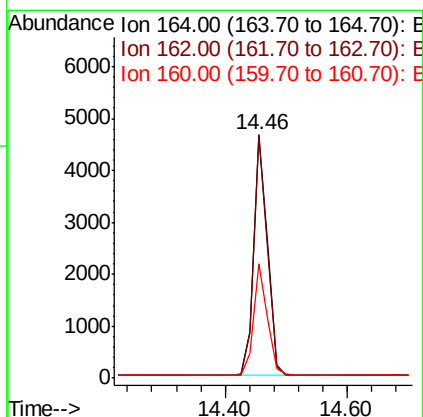
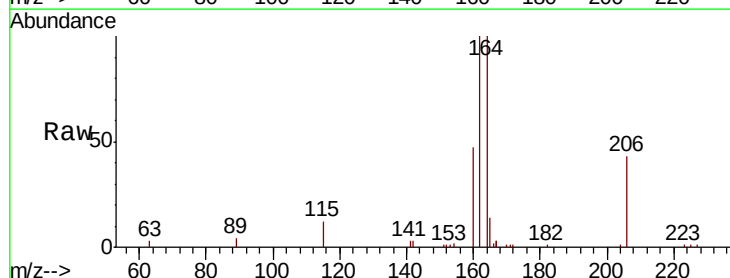
Instrument :
 BNA_E
 ClientSampleId :
 WE-2

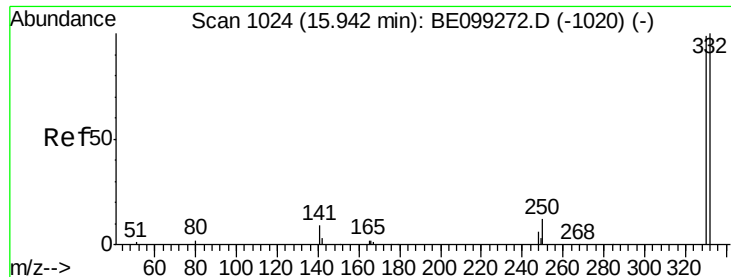
Tgt Ion:152 Resp: 8121
 Ion Ratio Lower Upper
 152 100
 151 18.7 15.0 22.6



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. -0.03 min
 Lab File: BE099297.D
 Acq: 4 Apr 2019 19:29

Tgt Ion:164 Resp: 7089
 Ion Ratio Lower Upper
 164 100
 162 100.3 79.2 118.8
 160 47.0 36.7 55.1

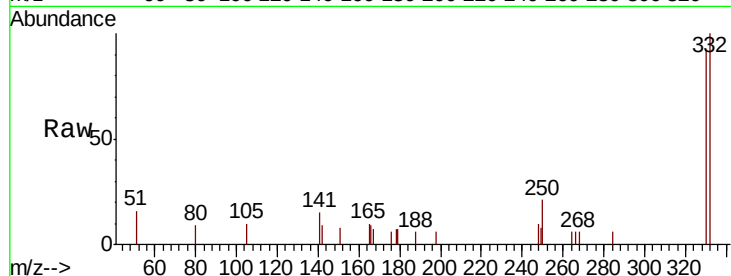




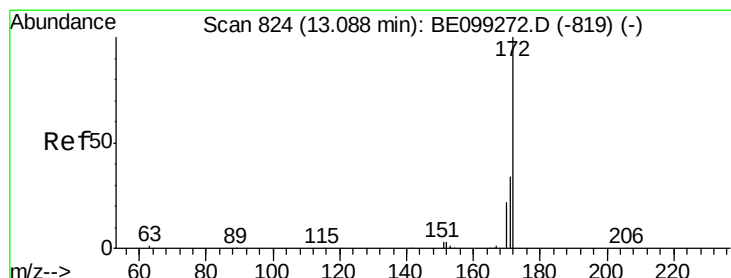
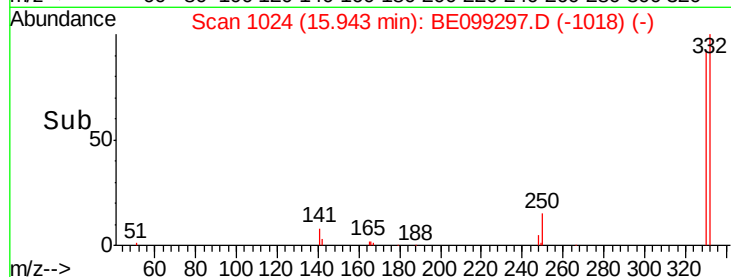
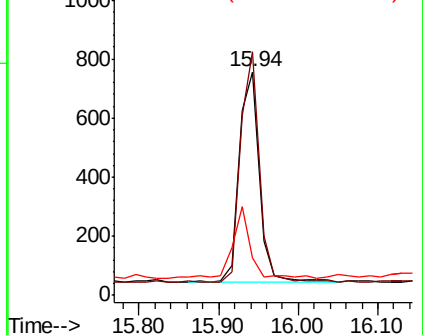
#14
 2,4,6-Tribromophenol
 Concen: 0.386 ng
 RT: 15.94 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BE099297.D
 Acq: 4 Apr 2019 19:29

Instrument :
 BNA_E
 ClientSampled :
 WE-2

Tgt Ion:330 Resp: 1262
 Ion Ratio Lower Upper
 330 100
 332 102.7 71.3 106.9
 141 27.3 21.7 32.5

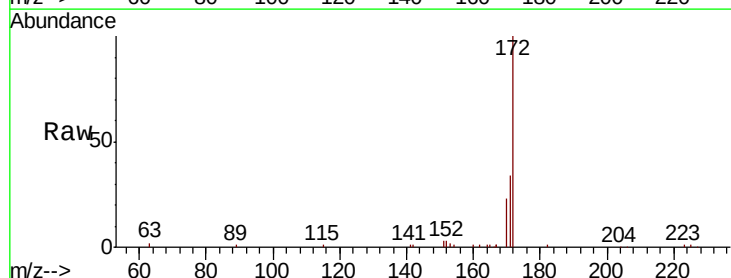


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

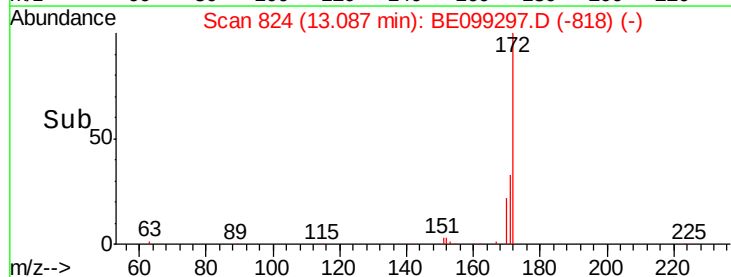
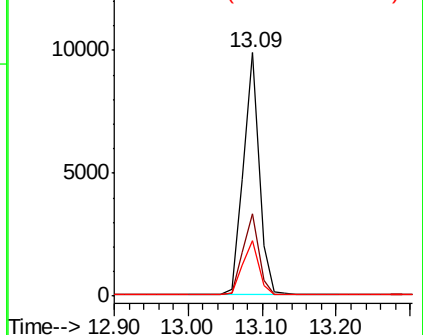


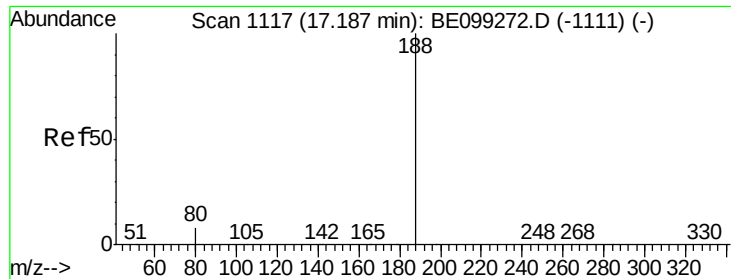
#15
 2-Fluorobiphenyl
 Concen: 0.529 ng
 RT: 13.09 min Scan# 824
 Delta R.T. -0.02 min
 Lab File: BE099297.D
 Acq: 4 Apr 2019 19:29

Tgt Ion:172 Resp: 14739
 Ion Ratio Lower Upper
 172 100
 171 33.8 27.4 41.0
 170 22.6 19.1 28.7



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: 17.19 min Scan# 1117

Delta R.T. -0.03 min

Lab File: BE099297.D

Acq: 4 Apr 2019 19:29

Instrument :

BNA_E

ClientSampleId :

WE-2

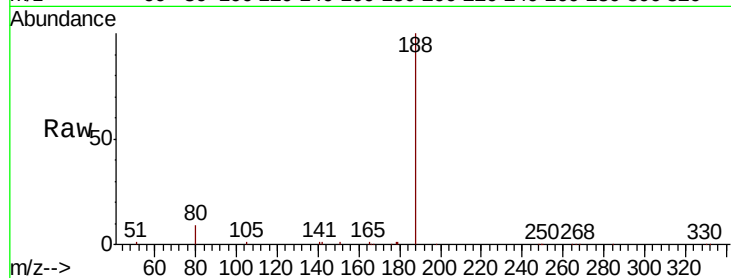
Tgt Ion:188 Resp: 20012

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

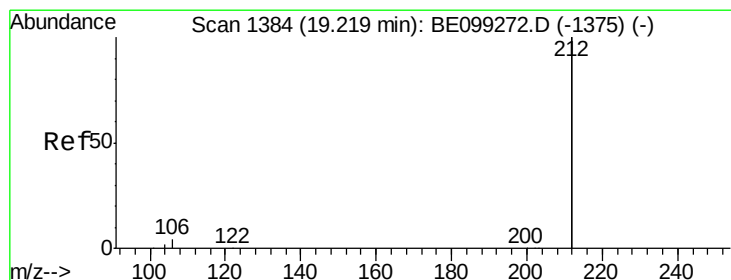
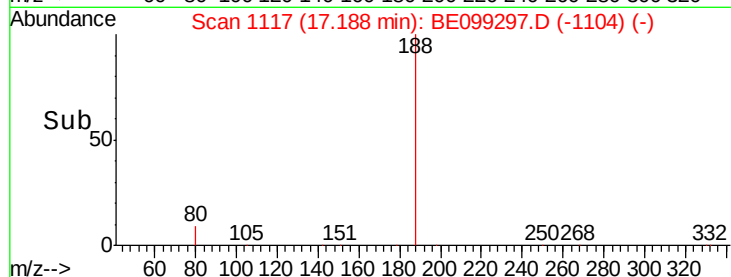
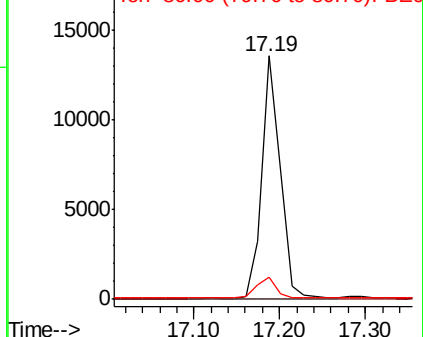
80 9.0 4.5 6.7#



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



#25

Fluoranthene-d10

Concen: 0.488 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.02 min

Lab File: BE099297.D

Acq: 4 Apr 2019 19:29

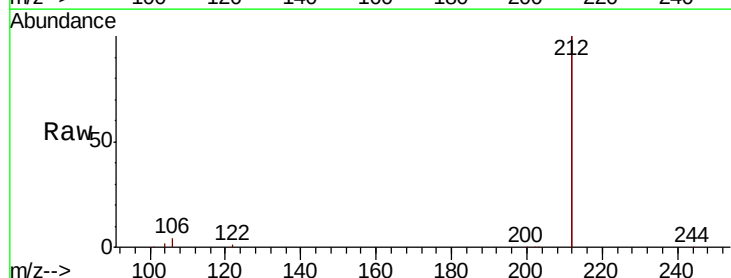
Tgt Ion:212 Resp: 128866

Ion Ratio Lower Upper

212 100

106 2.2 1.8 2.8

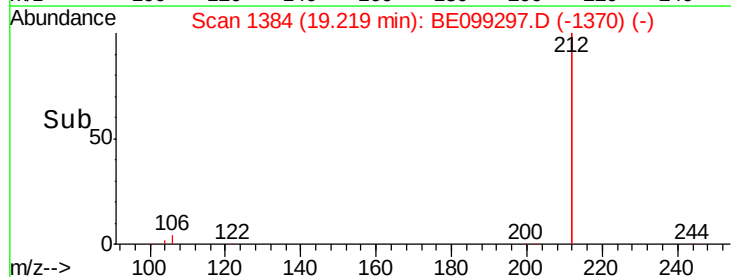
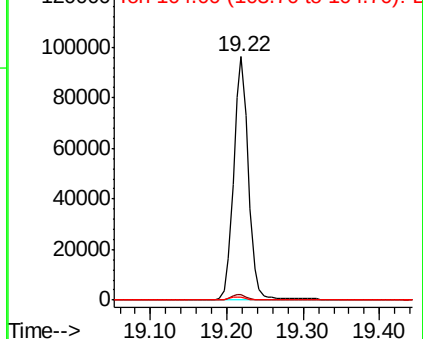
104 1.2 1.1 1.7

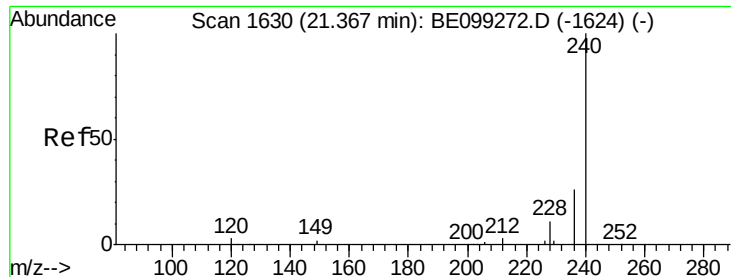


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.37 min Scan# 1630

Delta R.T. -0.02 min

Lab File: BE099297.D

Acq: 4 Apr 2019 19:29

Instrument :

BNA_E

ClientSampleId :

WE-2

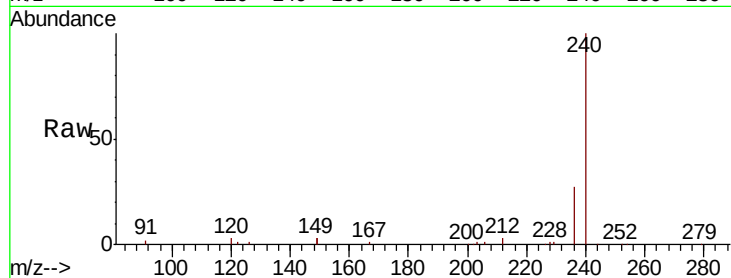
Tgt Ion:240 Resp: 33433

Ion Ratio Lower Upper

240 100

120 3.5 2.6 3.8

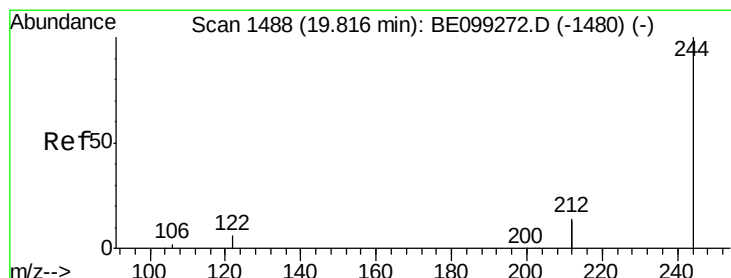
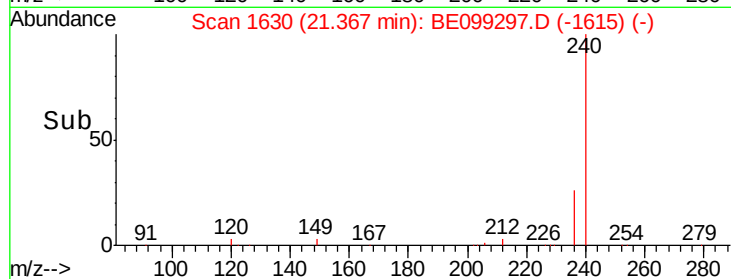
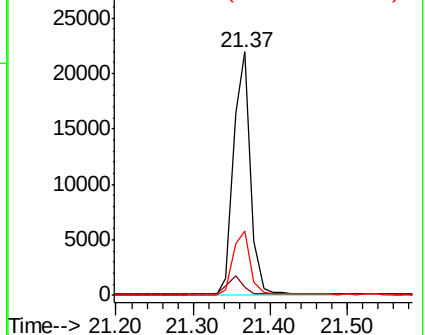
236 26.7 20.9 31.3



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: 0.487 ng

RT: 19.81 min Scan# 1487

Delta R.T. -0.02 min

Lab File: BE099297.D

Acq: 4 Apr 2019 19:29

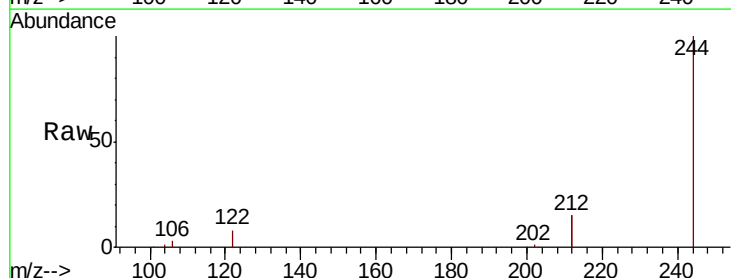
Tgt Ion:244 Resp: 29709

Ion Ratio Lower Upper

244 100

212 30.4 22.7 34.1

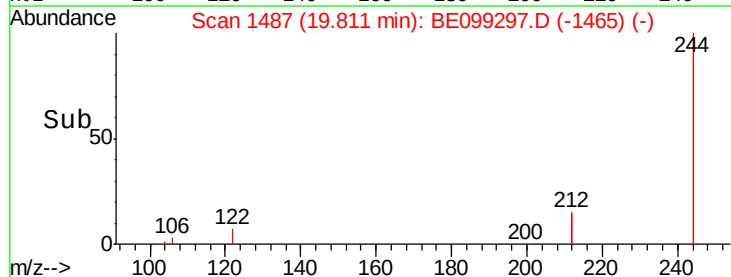
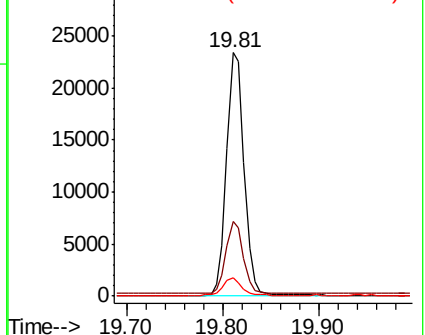
122 7.7 5.8 8.6

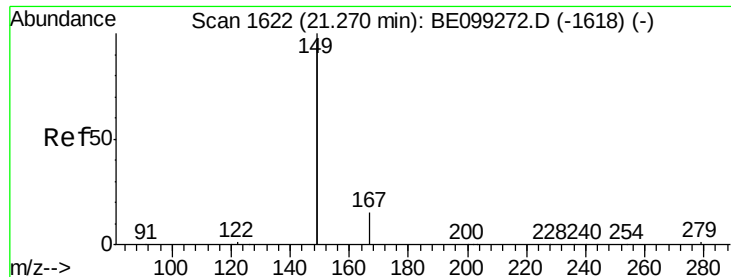


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.096 ng

RT: 21.27 min Scan# 1622

Delta R.T. -0.02 min

Lab File: BE099297.D

Acq: 4 Apr 2019 19:29

Instrument :

BNA_E

ClientSampleId :

WE-2

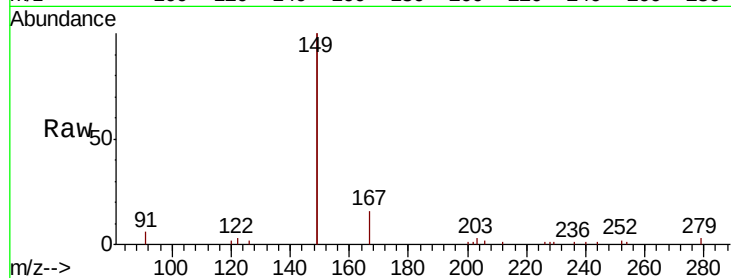
Tgt Ion:149 Resp: 12872

Ion Ratio Lower Upper

149 100

167 7.2 5.9 8.9

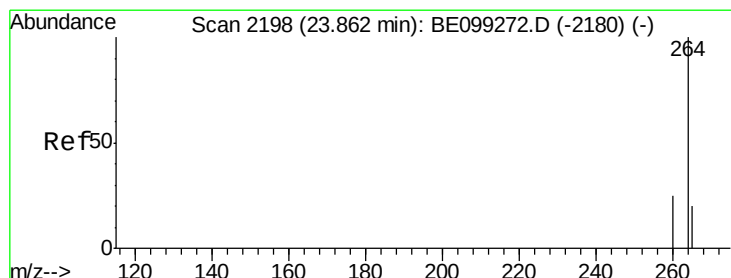
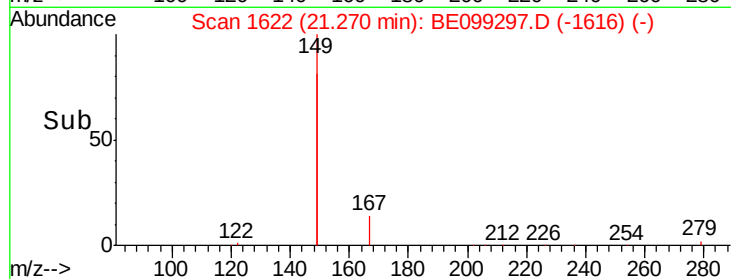
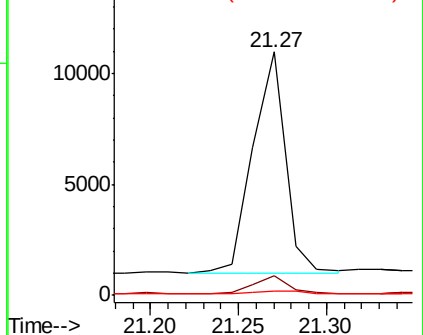
279 2.0 1.0 1.6#



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: 23.86 min Scan# 2197

Delta R.T. -0.04 min

Lab File: BE099297.D

Acq: 4 Apr 2019 19:29

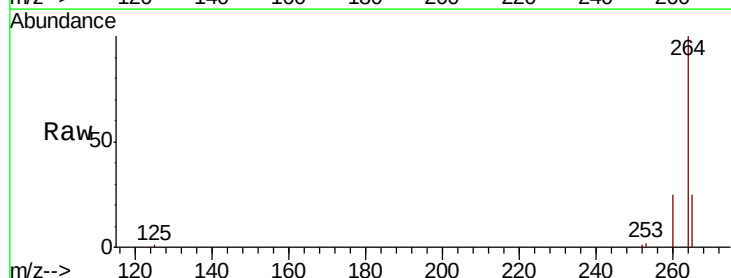
Tgt Ion:264 Resp: 35532

Ion Ratio Lower Upper

264 100

260 25.3 18.2 27.2

265 25.2 21.8 32.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

