

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032619\
 Data File : BE099244.D
 Acq On : 27 Mar 2019 11:13
 Operator : JU/SJ
 Sample : K2064-17RE
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 27 14:15:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 07:02:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	7247	0.40	ng	-0.01
7) Naphthalene-d8	10.63	136	15433	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	11258	0.40	ng	-0.01
19) Phenanthrene-d10	17.20	188	32912	0.40	ng	-0.01
27) Chrysene-d12	21.38	240	31172	0.40	ng	-0.01
34) Perylene-d12	23.89	264	11393	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.41	112	33	0.00	ng	0.00
5) Phenol-d6	6.94	99	1689	0.05	ng	-0.05
8) Nitrobenzene-d5	8.99	82	6103	0.48	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	40	0.00	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	174	0.26	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	18629	0.41	ng	0.00
25) Fluoranthene-d10	19.24	212	674	0.00	ng	0.00
29) Terphenyl-d14	19.83	244	19432	0.29	ng	0.00

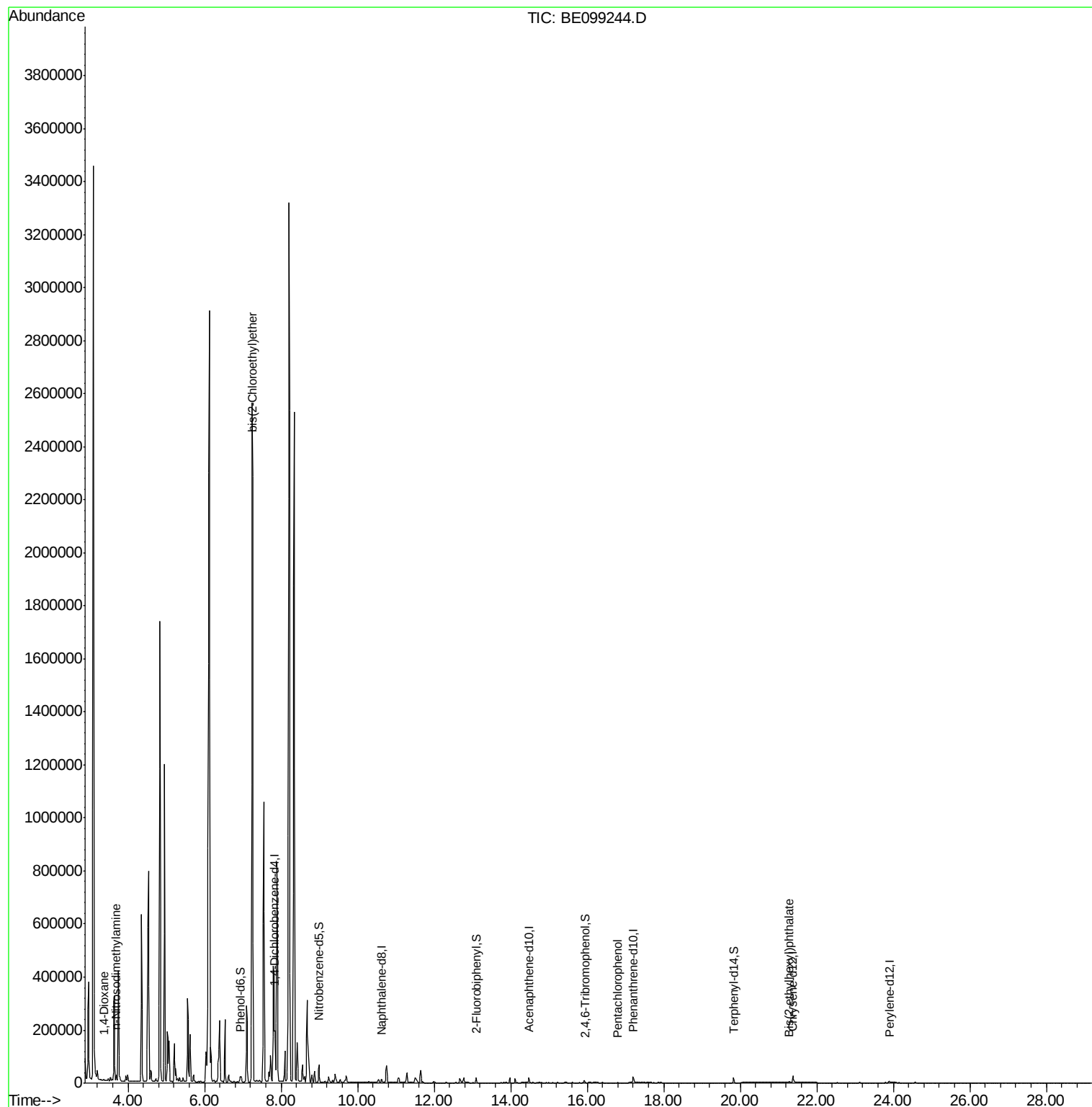
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.36	88	288	0.030	ng	# 30
3) n-Nitrosodimethylamine	3.69	42	3035	0.568	ng	# 1
6) bis(2-Chloroethyl)ether	7.25	93	1940722	74.649	ng	# 1
22) Pentachlorophenol	16.80	266	85	0.267	ng	# 42
32) Bis(2-ethylhexyl)phthalate	21.28	149	3173	0.026	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: 7.83 min Scan# 431

Delta R.T. -0.01 min

Lab File: BE099244.D

Acq: 27 Mar 2019 11:13

Instrument :

BNA_E

ClientSampleId :

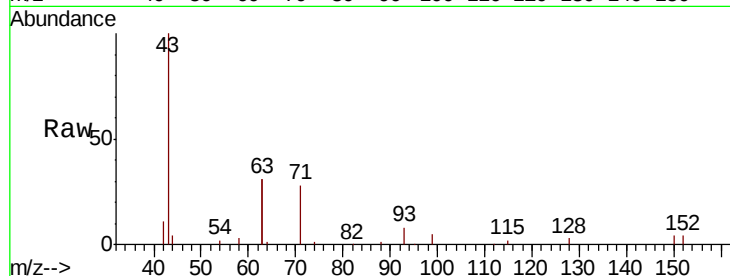
Tot Ion:152 Resp: 7247

Ion Ratio Lower Upper

152 100

150 111.2 112.8 169.2#

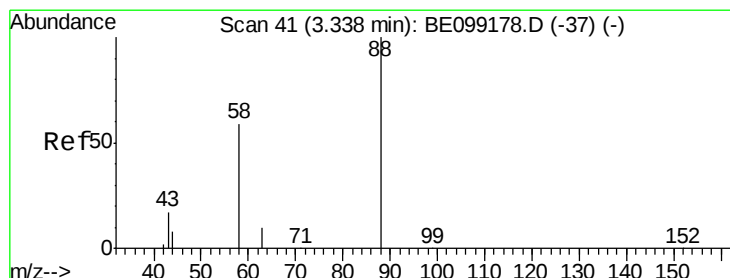
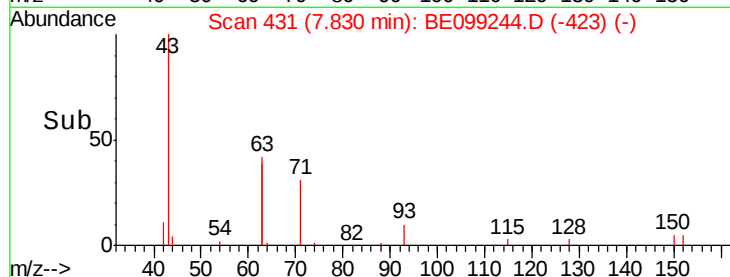
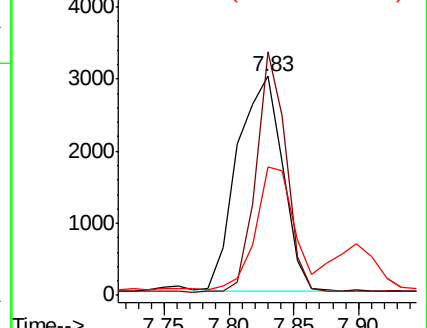
115 58.6 45.1 67.7



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: 0.030 ng

RT: 3.36 min Scan# 43

Delta R.T. 0.02 min

Lab File: BE099244.D

Acq: 27 Mar 2019 11:13

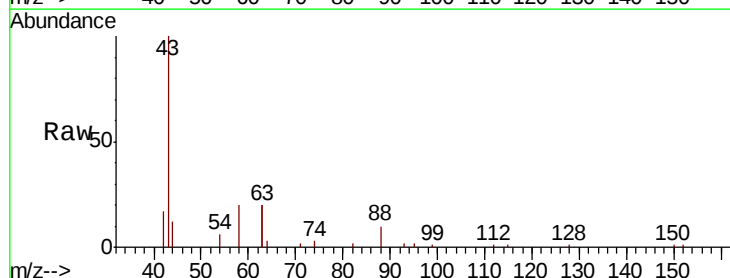
Tgt Ion: 88 Resp: 288

Ion Ratio Lower Upper

88 100

58 0.0 47.4 71.0#

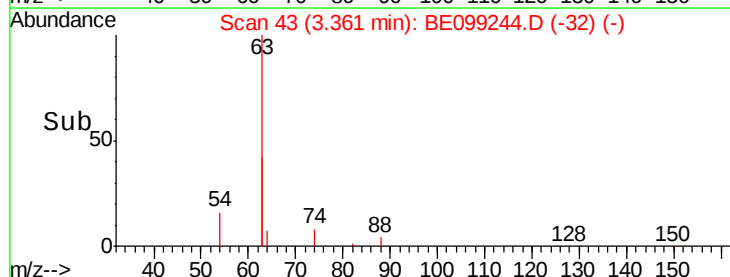
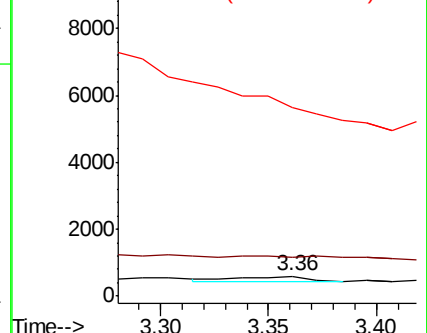
43 0.0 15.6 23.4#



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



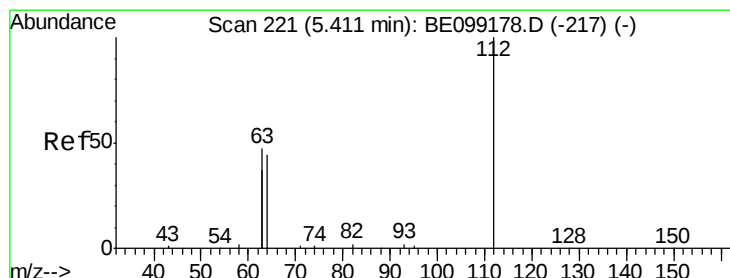
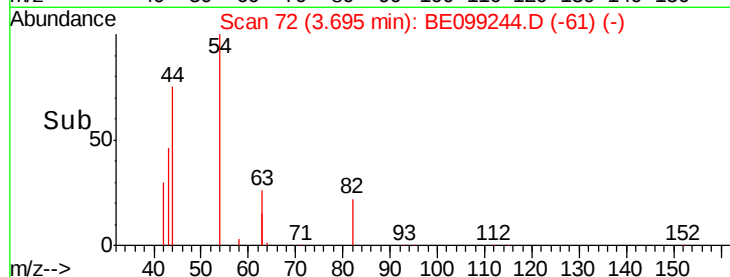
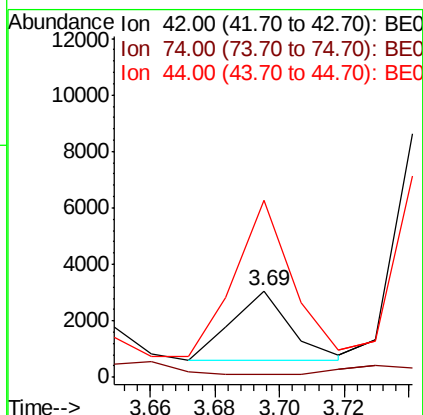
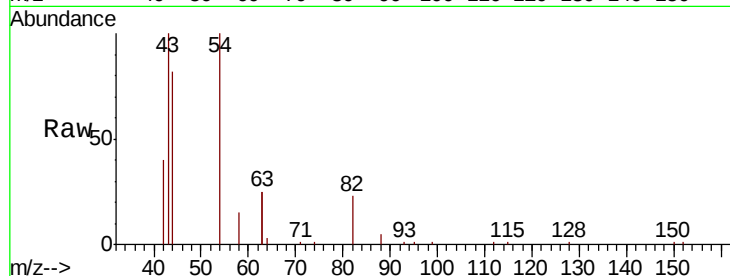


#3

n-Nitrosodimethylamine
 Concen: 0.568 ng
 RT: 3.69 min Scan# 72
 Delta R.T. 0.02 min
 Lab File: BE099244.D
 Acq: 27 Mar 2019 11:13

Instrument :
 BNA_E
 ClientSampleId :

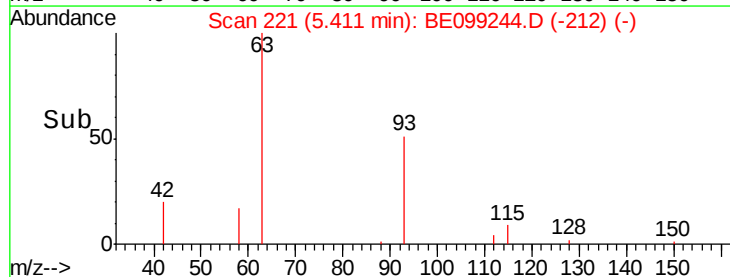
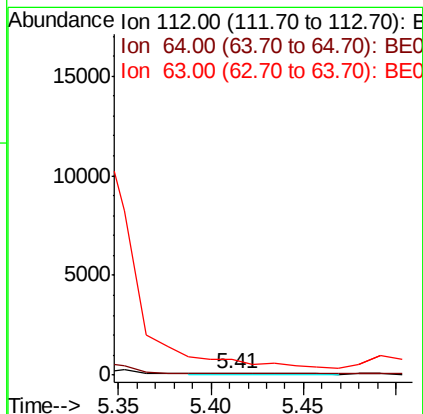
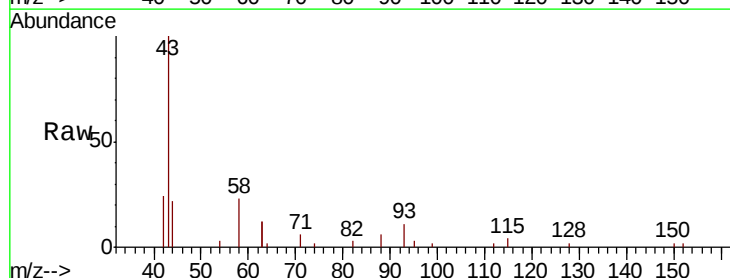
Tot Ion: 42 Resp: 3035
 Ion Ratio Lower Upper
 42 100
 74 0.0 138.6 207.8#
 44 222.0 15.0 22.6#

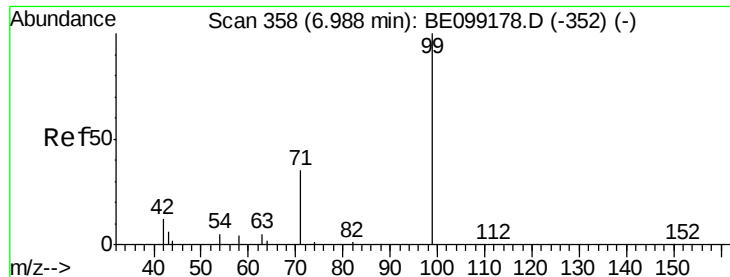


#4

2-Fluorophenol
 Concen: 0.002 ng
 RT: 5.41 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: BE099244.D
 Acq: 27 Mar 2019 11:13

Tgt Ion: 112 Resp: 33
 Ion Ratio Lower Upper
 112 100
 64 0.0 46.2 69.2#
 63 0.0 89.9 134.9#





#5

Phenol-d6

Concen: 0.051 ng

RT: 6.94 min Scan# 354

Delta R.T. -0.05 min

Lab File: BE099244.D

Acq: 27 Mar 2019 11:13

Instrument :

BNA_E

ClientSampleId :

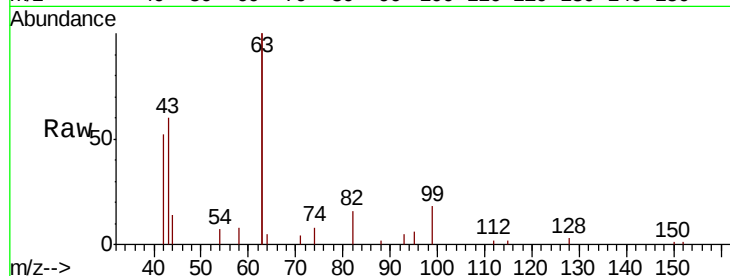
Tot Ion: 99 Resp: 1689

Ion Ratio Lower Upper

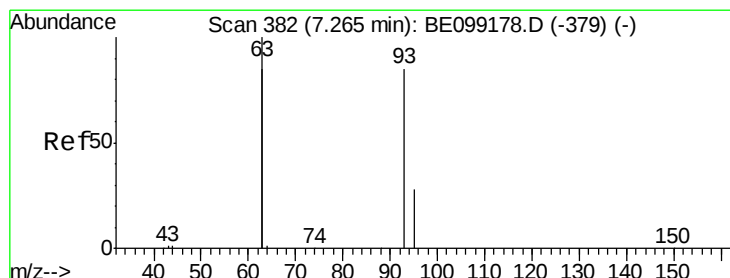
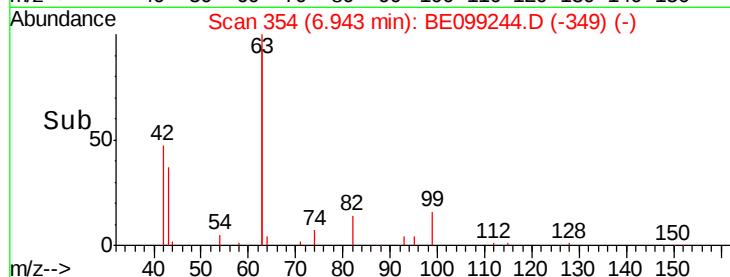
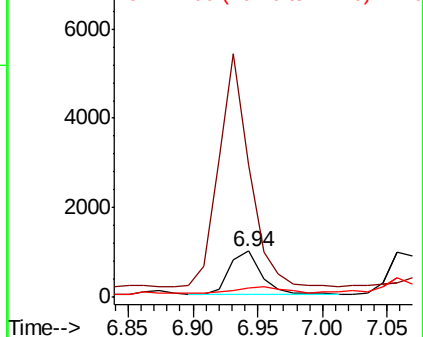
99 100

42 508.3 12.4 18.6#

71 0.0 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



#6

bis(2-Chloroethyl)ether

Concen: 74.649 ng

RT: 7.25 min Scan# 381

Delta R.T. -0.01 min

Lab File: BE099244.D

Acq: 27 Mar 2019 11:13

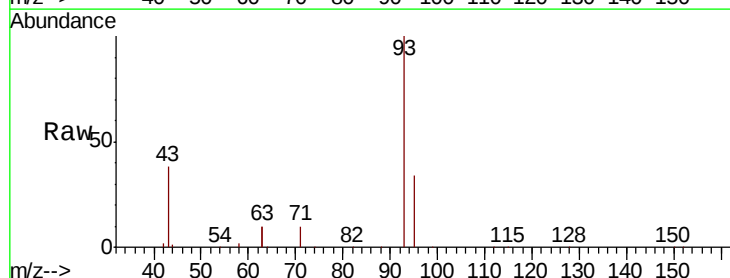
Tgt Ion: 93 Resp: 1940722

Ion Ratio Lower Upper

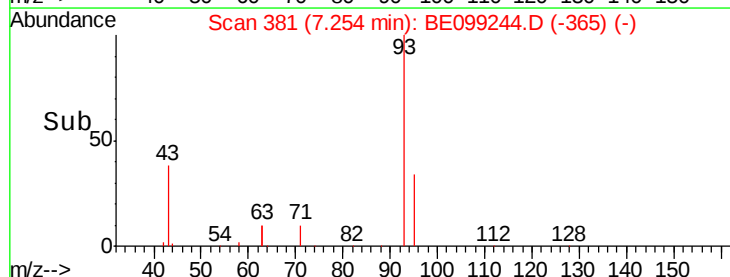
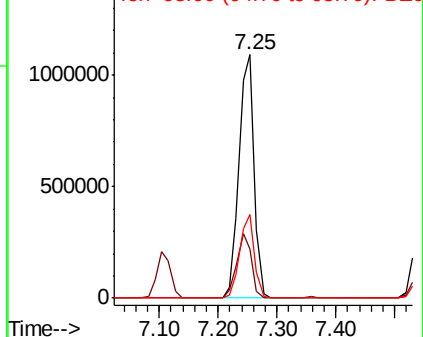
93 100

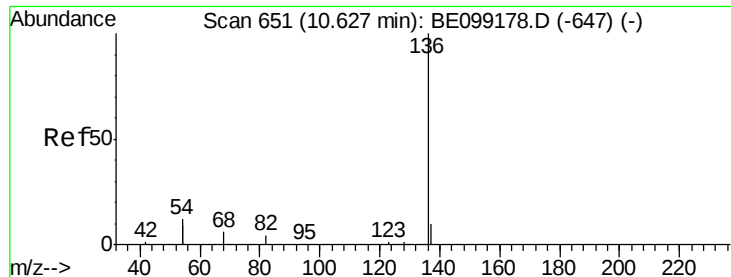
63 25.4 221.4 332.0#

95 33.0 25.8 38.8



Abundance Ion 93.00 (92.70 to 93.70): BE0
Ion 63.00 (62.70 to 63.70): BE0
Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. -0.00 min

Lab File: BE099244.D

Acq: 27 Mar 2019 11:13

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 15433

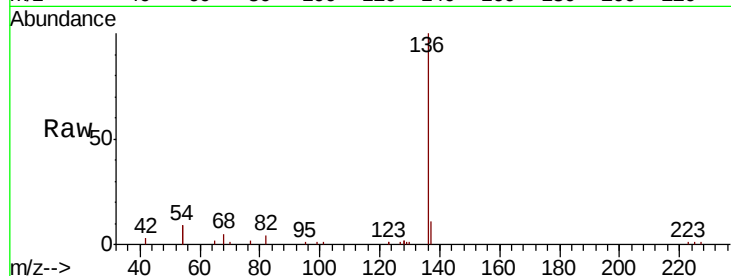
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 18.7 18.7 28.1#

68 5.0 5.2 7.8#

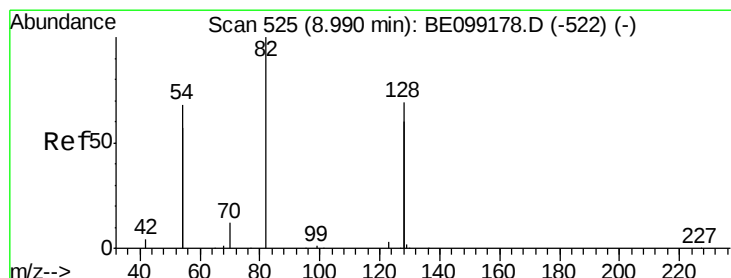
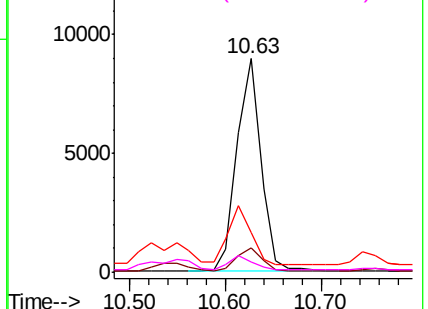
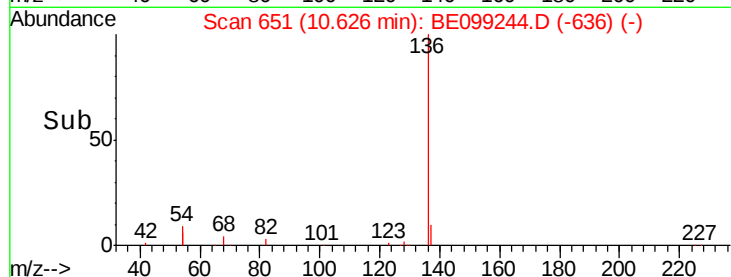


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.484 ng

RT: 8.99 min Scan# 525

Delta R.T. -0.00 min

Lab File: BE099244.D

Acq: 27 Mar 2019 11:13

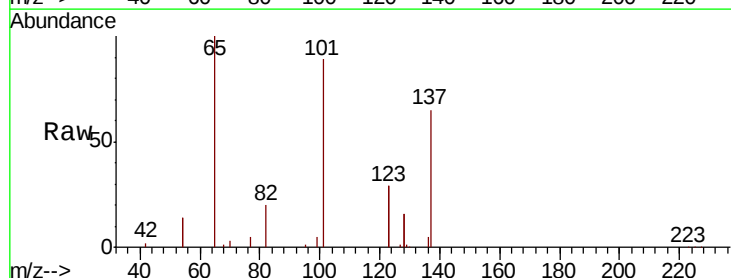
Tgt Ion: 82 Resp: 6103

Ion Ratio Lower Upper

82 100

128 161.5 107.5 161.3#

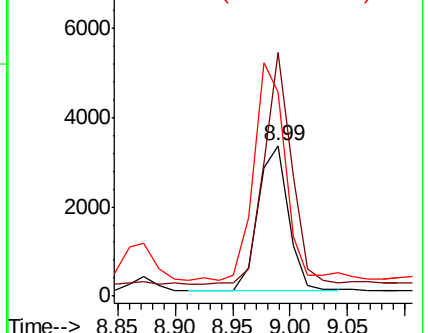
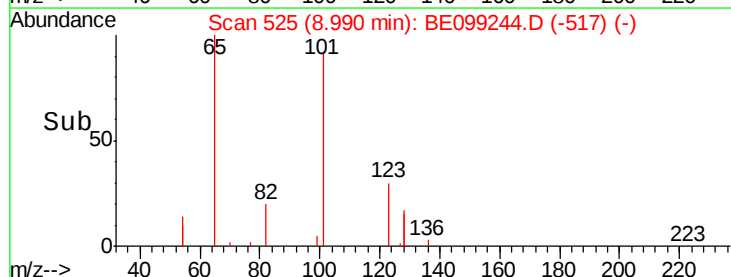
54 135.0 106.3 159.5

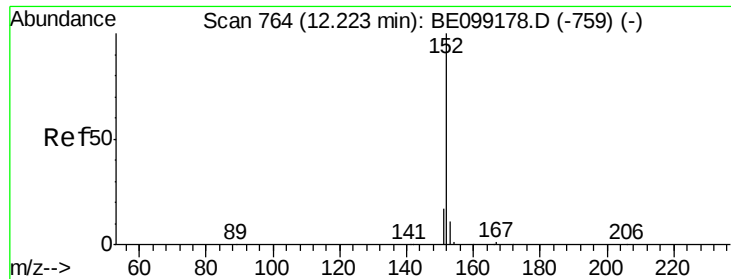


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

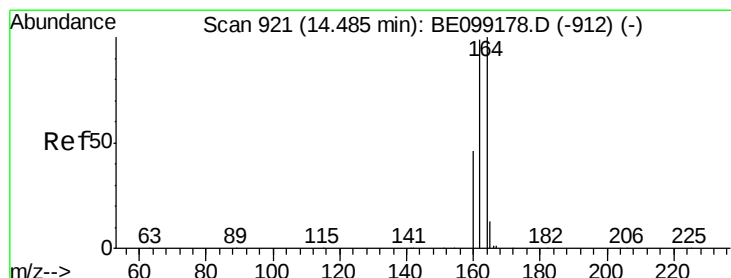
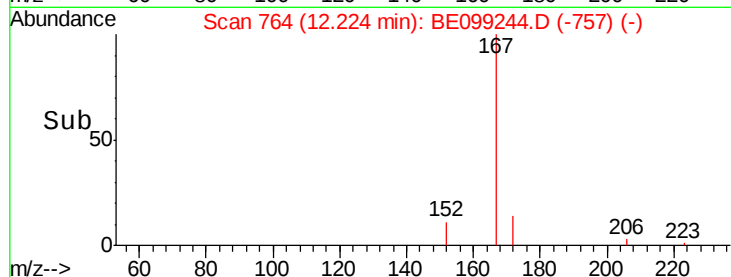
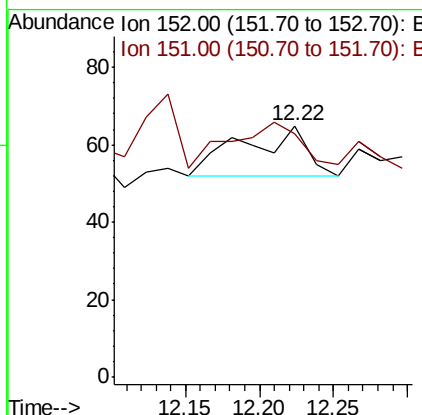
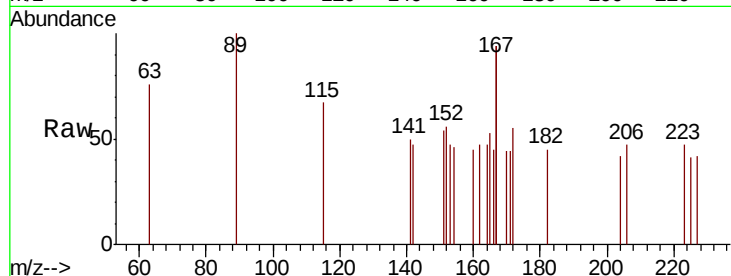




#11
 2-Methylnaphthalene-d10
 Concen: 0.001 ng
 RT: 12.22 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BE099244.D
 Acq: 27 Mar 2019 11:13

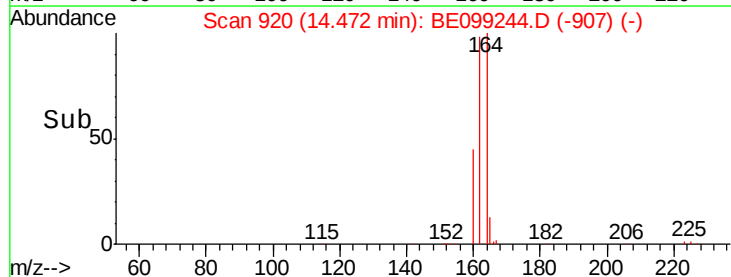
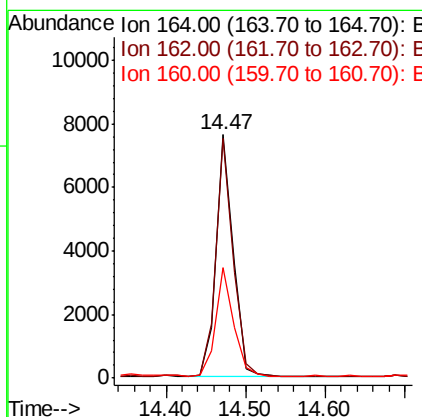
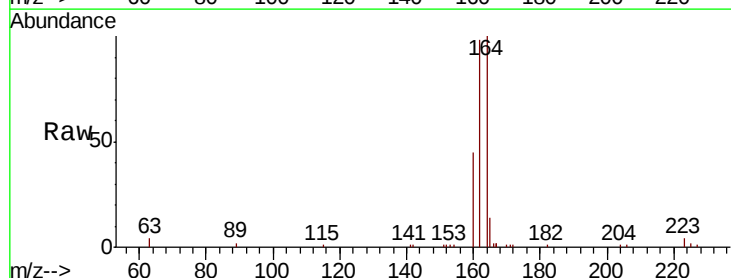
Instrument :
 BNA_E
 ClientSampleId :

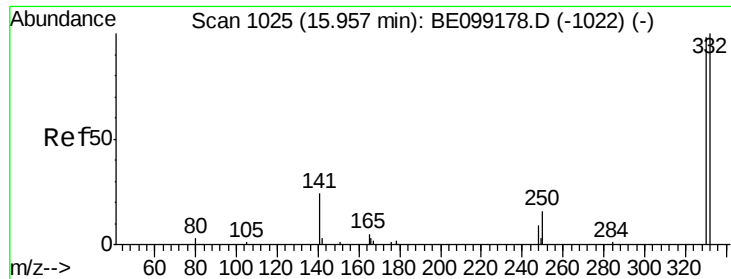
Tot Ion:152 Resp: 40
 Ion Ratio Lower Upper
 152 100
 151 57.5 15.0 22.6#



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: BE099244.D
 Acq: 27 Mar 2019 11:13

Tgt Ion:164 Resp: 11258
 Ion Ratio Lower Upper
 164 100
 162 98.2 79.2 118.8
 160 45.4 36.7 55.1

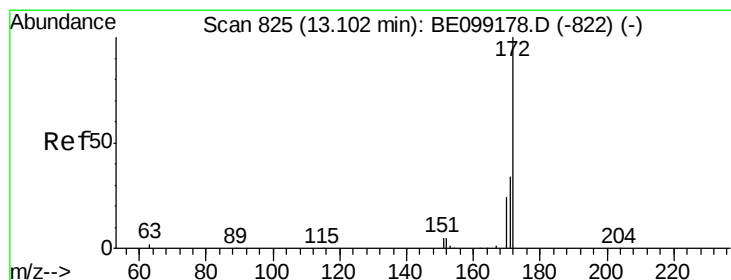
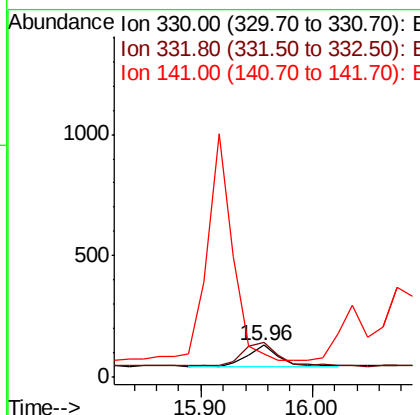
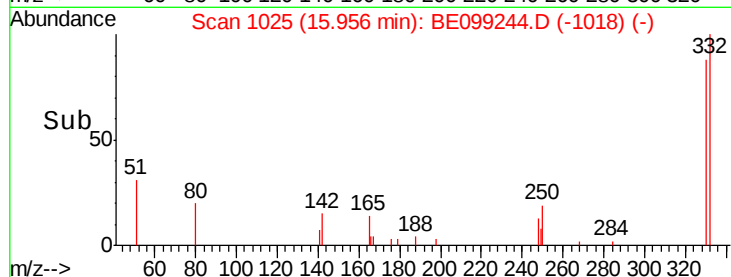
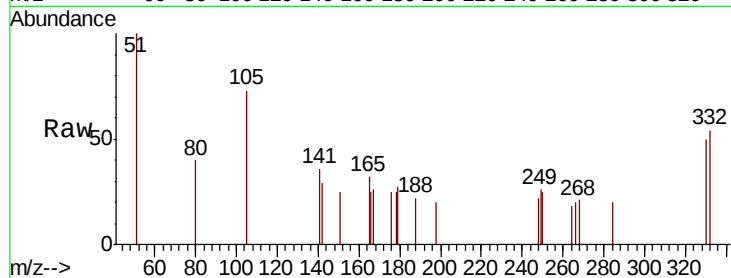




#14
 2,4,6-Tribromophenol
 Concen: 0.259 ng
 RT: 15.96 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BE099244.D
 Acq: 27 Mar 2019 11:13

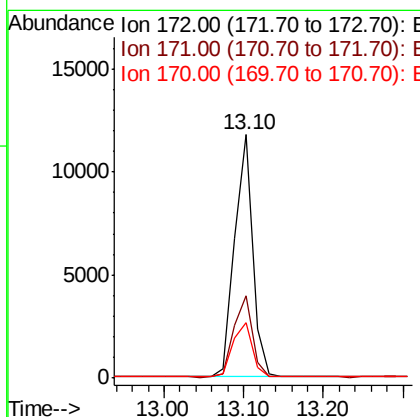
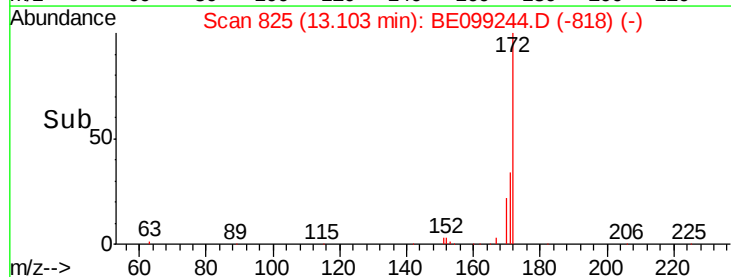
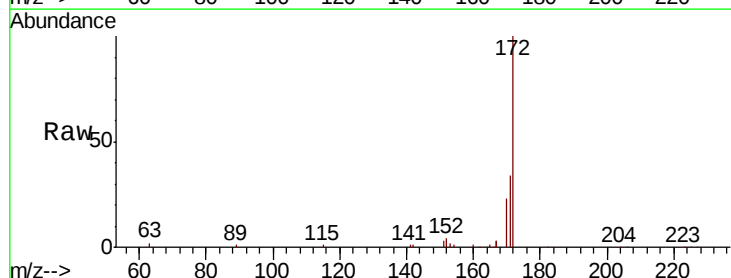
Instrument :
 BNA_E
 ClientSampleId :

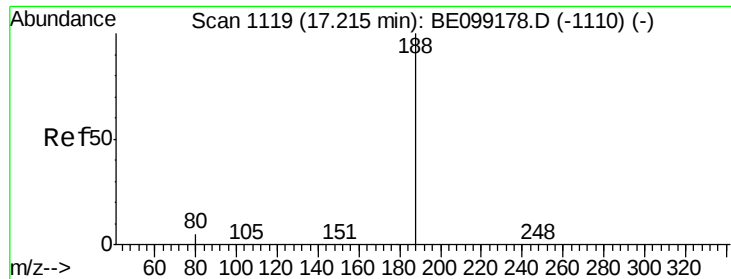
Tot Ion:330 Resp: 174
 Ion Ratio Lower Upper
 330 100
 332 130.5 71.3 106.9#
 141 0.0 21.7 32.5#



#15
 2-Fluorobiphenyl
 Concen: 0.406 ng
 RT: 13.10 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BE099244.D
 Acq: 27 Mar 2019 11:13

Tgt Ion:172 Resp: 18629
 Ion Ratio Lower Upper
 172 100
 171 34.0 27.4 41.0
 170 22.6 19.1 28.7





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.20 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BE099244.D

Acq: 27 Mar 2019 11:13

Instrument :

BNA_E

ClientSampled :

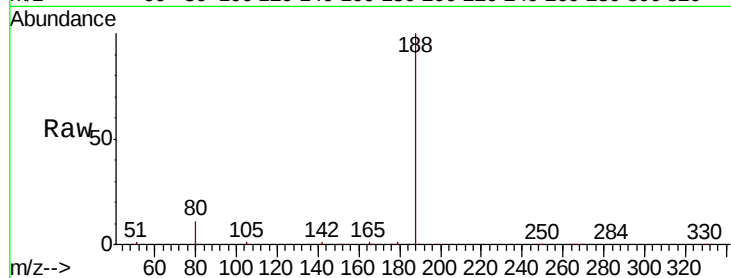
Tot Ion:188 Resp: 32912

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

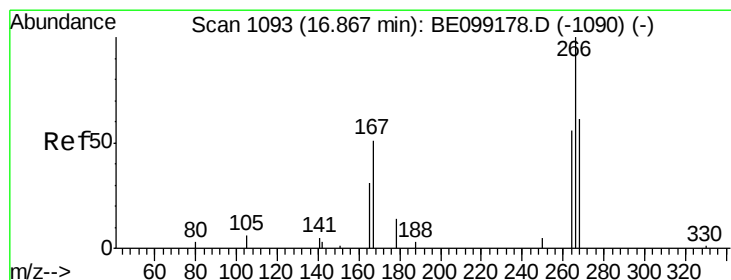
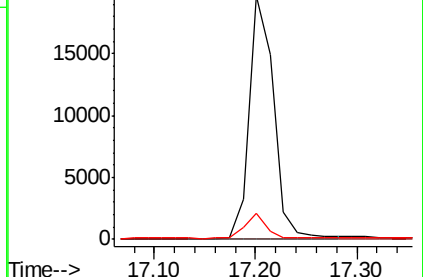
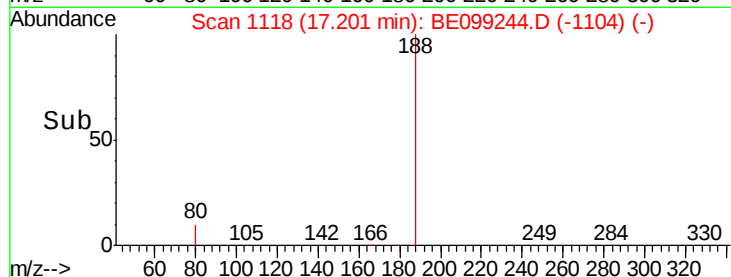
80 10.6 4.5 6.7#



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



#22

Pentachlorophenol

Concen: 0.267 ng

RT: 16.80 min Scan# 1088

Delta R.T. -0.07 min

Lab File: BE099244.D

Acq: 27 Mar 2019 11:13

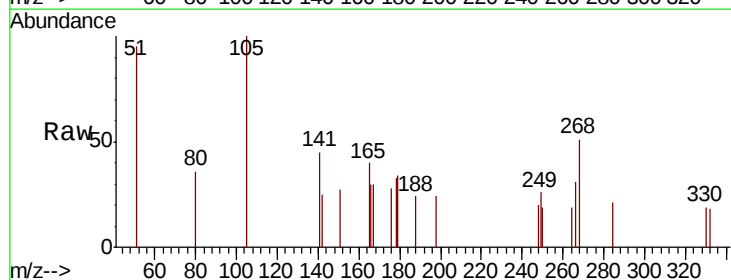
Tgt Ion:266 Resp: 85

Ion Ratio Lower Upper

266 100

264 60.5 54.4 81.6

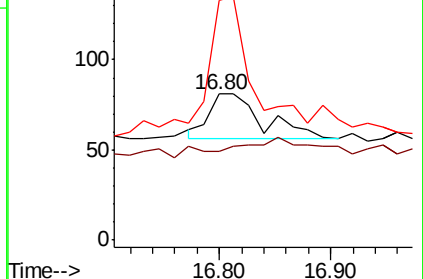
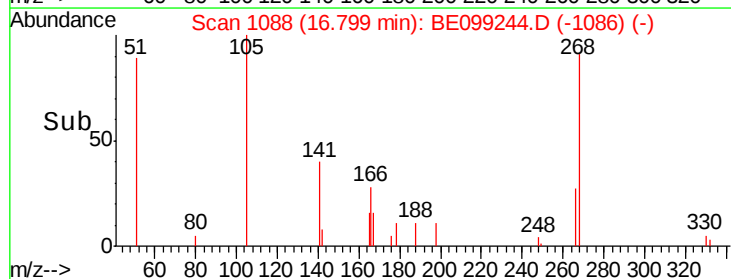
268 164.2 61.3 91.9#

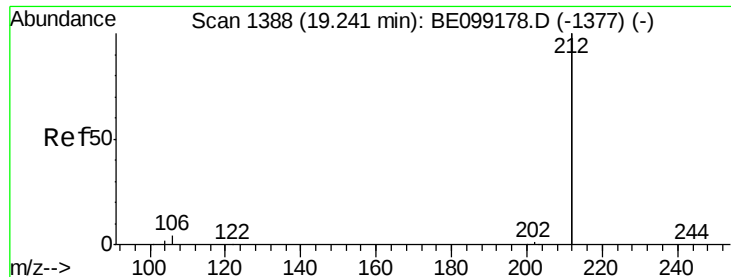


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.002 ng

RT: 19.24 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BE099244.D

Acq: 27 Mar 2019 11:13

Instrument :

BNA_E

ClientSampleId :

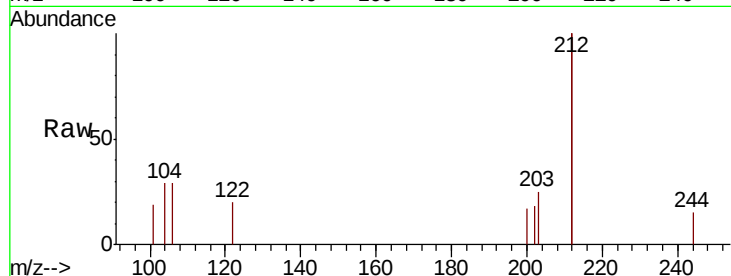
Tot Ion:212 Resp: 674

Ion Ratio Lower Upper

212 100

106 5.6 1.8 2.8#

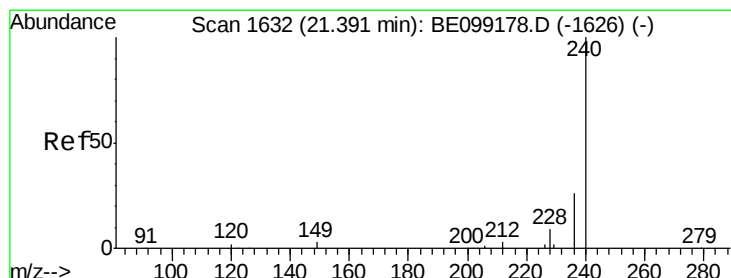
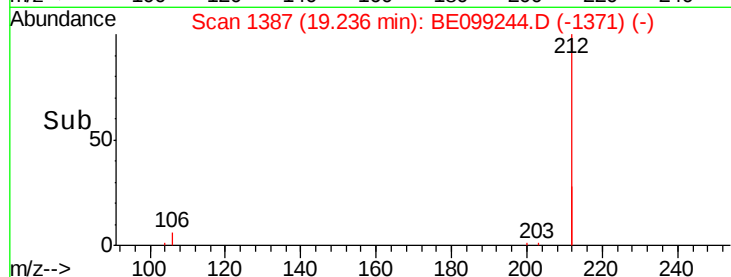
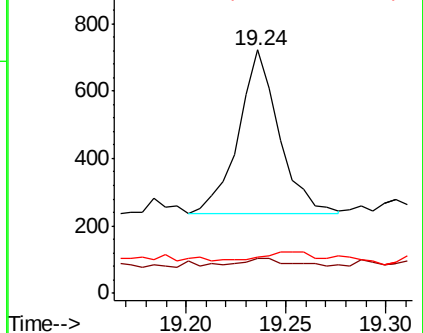
104 4.0 1.1 1.7#



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: 21.38 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BE099244.D

Acq: 27 Mar 2019 11:13

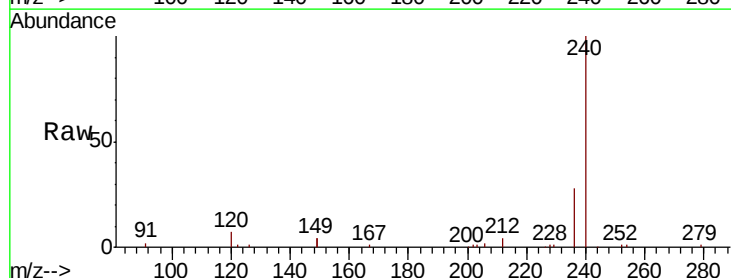
Tgt Ion:240 Resp: 31172

Ion Ratio Lower Upper

240 100

120 6.6 2.6 3.8#

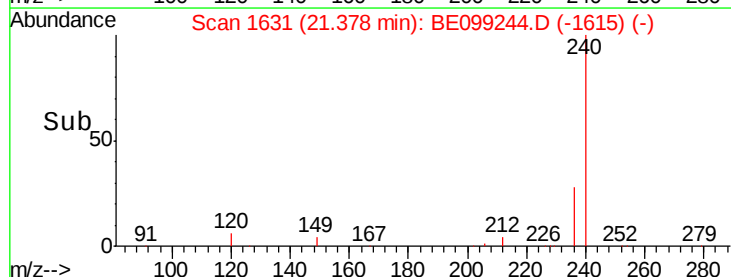
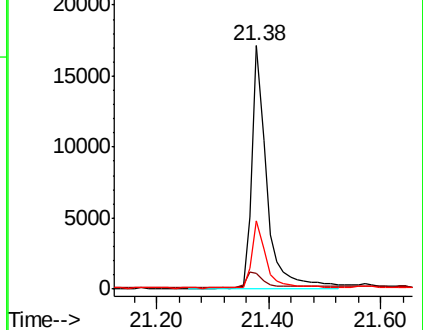
236 28.1 20.9 31.3

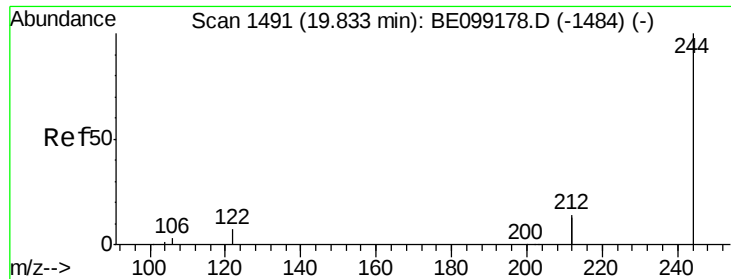


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

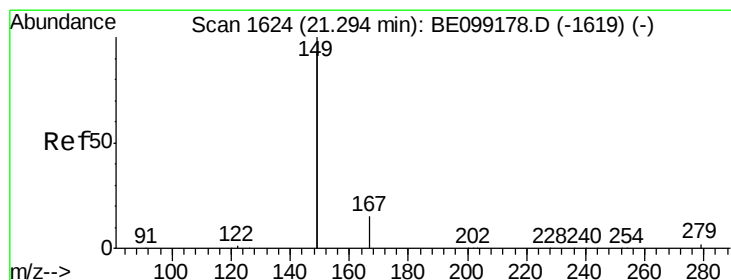
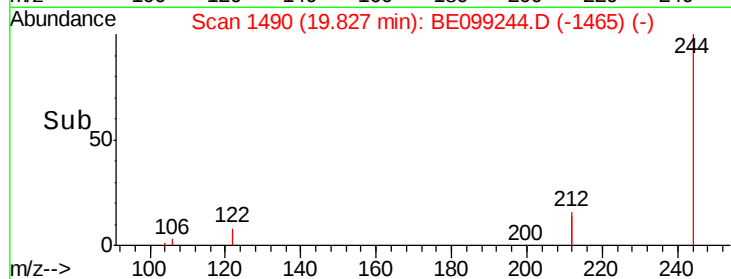
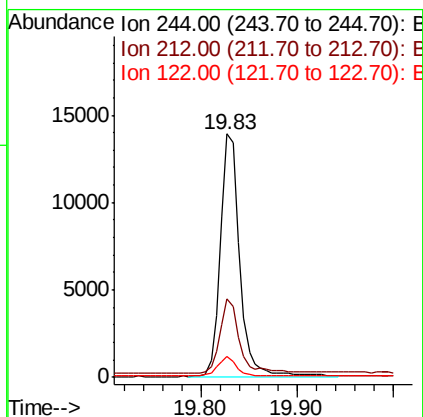
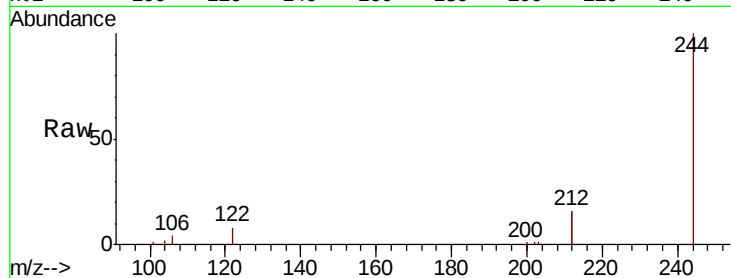




#29
 Terphenyl-d14
 Concen: 0.287 ng
 RT: 19.83 min Scan# 1490
 Delta R.T. -0.01 min
 Lab File: BE099244.D
 Acq: 27 Mar 2019 11:13

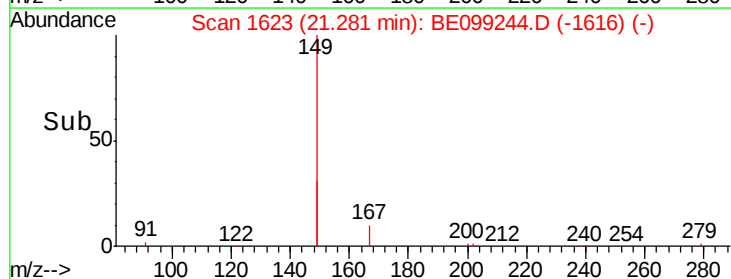
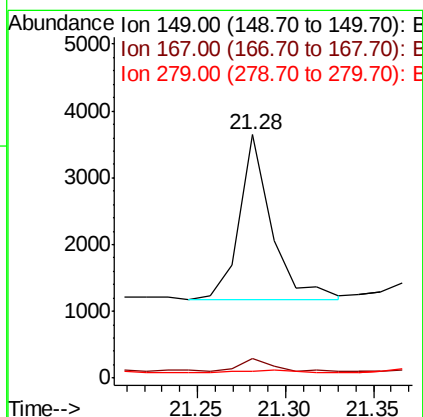
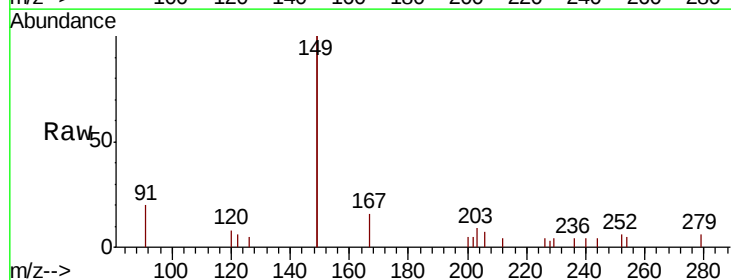
Instrument :
 BNA_E
 ClientSampleId :

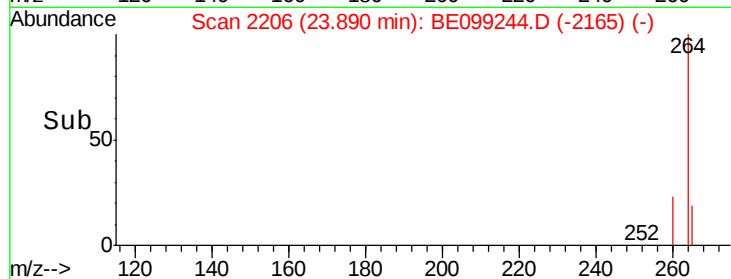
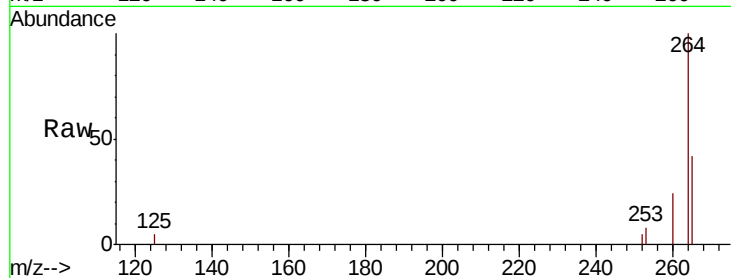
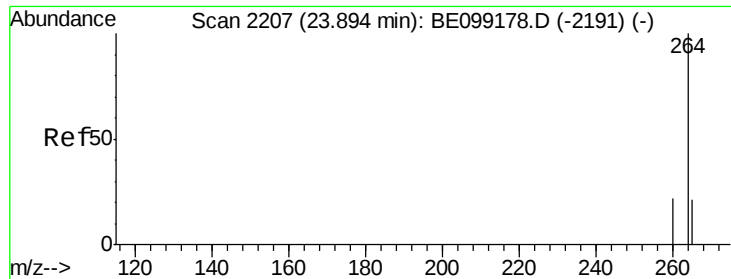
Tot Ion:244 Resp: 19432
 Ion Ratio Lower Upper
 244 100
 212 32.2 22.7 34.1
 122 8.5 5.8 8.6



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.026 ng
 RT: 21.28 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BE099244.D
 Acq: 27 Mar 2019 11:13

Tgt Ion:149 Resp: 3173
 Ion Ratio Lower Upper
 149 100
 167 6.6 5.9 8.9
 279 3.0 1.0 1.6#





#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.89 min Scan# 2206
 Delta R.T. -0.00 min
 Lab File: BE099244.D
 Acq: 27 Mar 2019 11:13

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:264 Resp: 11393
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.2 27.2
 265 41.8 21.8 32.8#

