

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031819\
 Data File : BE099024.D
 Acq On : 19 Mar 2019 6:04
 Operator : JU/SJ
 Sample : K1945-08
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 M4-T3-OZ(POST)

Quant Time: Mar 19 08:52:49 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

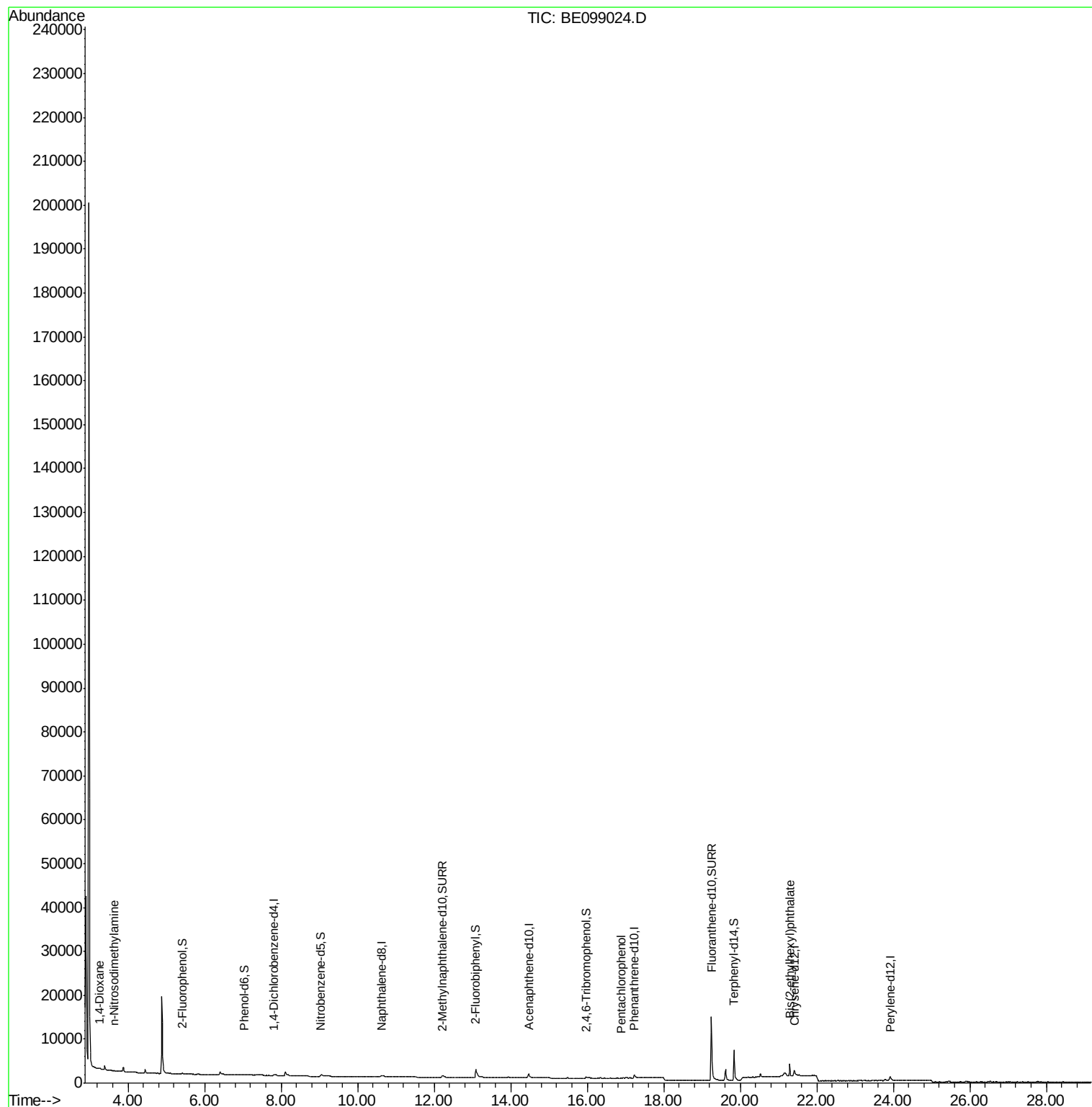
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	223	0.40	ng	0.01
7) Naphthalene-d8	10.63	136	1057	0.40	ng	0.04
13) Acenaphthene-d10	14.47	164	858	0.40	ng	0.01
19) Phenanthrene-d10	17.23	188	1912	0.40	ng	0.01
27) Chrysene-d12	21.41	240	2531	0.40	ng	0.01
34) Perylene-d12	23.92	264	2050	0.40	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.42	112	220	0.33	ng	0.04
5) Phenol-d6	7.05	99	126	0.13	ng	0.06
8) Nitrobenzene-d5	9.04	82	748	0.67	ng	0.08
11) 2-Methylnaphthalene-d10	12.22	152	1851	0.95	ng	0.03
14) 2,4,6-Tribromophenol	15.97	330	340	0.79	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4403	1.24	ng	0.00
25) Fluoranthene-d10	19.24	212	29233	0.96	ng	0.00
29) Terphenyl-d14	19.84	244	7984	1.30	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	126	0.263	ng	# 34
3) n-Nitrosodimethylamine	3.63	42	37	0.066	ng	# 14
22) Pentachlorophenol	16.88	266	8	0.284	ng	89
32) Bis(2-ethylhexyl)phthalate	21.29	149	2954	0.176	ng	99

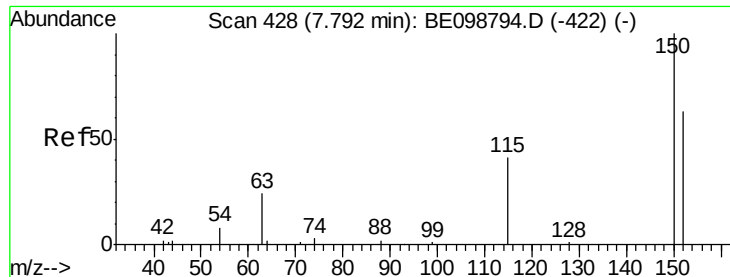
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.81 min Scan# 429

Delta R.T. 0.01 min

Lab File: BE099024.D

Acq: 19 Mar 2019 6:04

Instrument :

BNA_E

ClientSampleId :

M4-T3-OZ(POST)

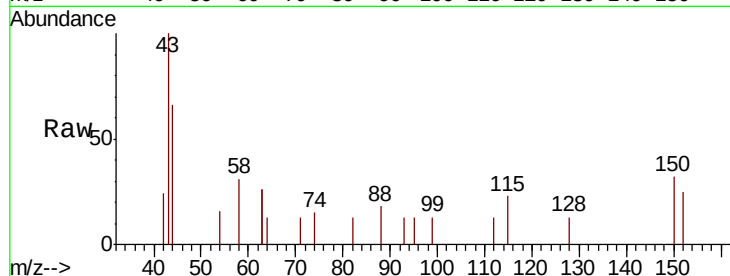
Tgt Ion: 152 Resp: 223

Ion Ratio Lower Upper

152 100

150 124.7 122.5 183.7

115 91.8 57.4 86.2#



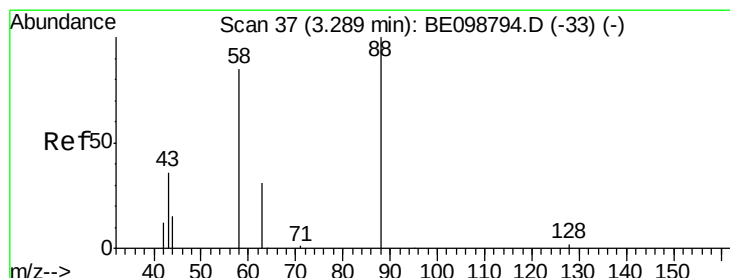
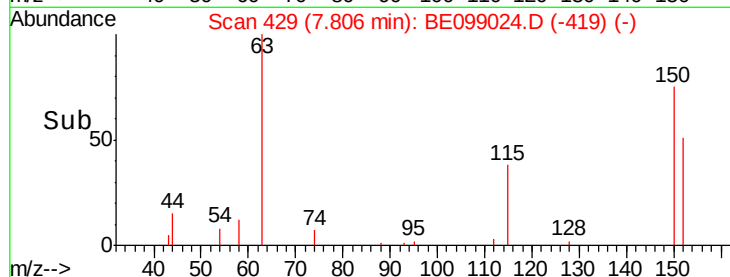
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

7.81

Time-->



#2

1,4-Dioxane

Concen: 0.263 ng

RT: 3.25 min Scan# 33

Delta R.T. -0.04 min

Lab File: BE099024.D

Acq: 19 Mar 2019 6:04

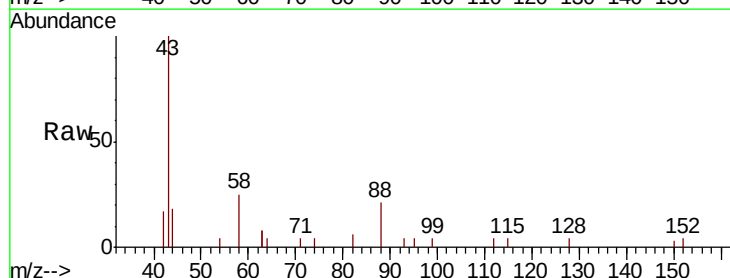
Tgt Ion: 88 Resp: 126

Ion Ratio Lower Upper

88 100

58 34.9 75.8 113.6#

43 0.0 41.8 62.8#



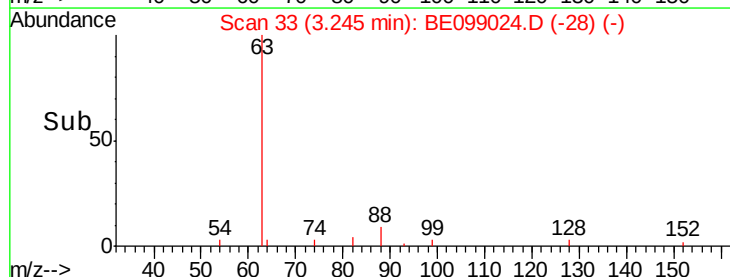
Abundance Ion 88.00 (87.70 to 88.70): BE0

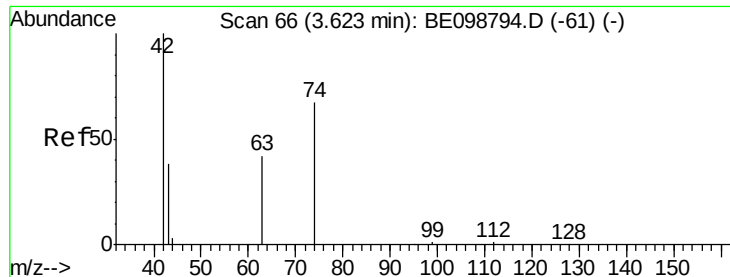
Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0

3.25

Time-->





#3

n-Nitrosodimethylamine

Concen: 0.066 ng

RT: 3.63 min Scan# 66

Delta R.T. 0.00 min

Lab File: BE099024.D

Acq: 19 Mar 2019 6:04

Instrument :

BNA_E

ClientSampleId :

M4-T3-OZ(POST)

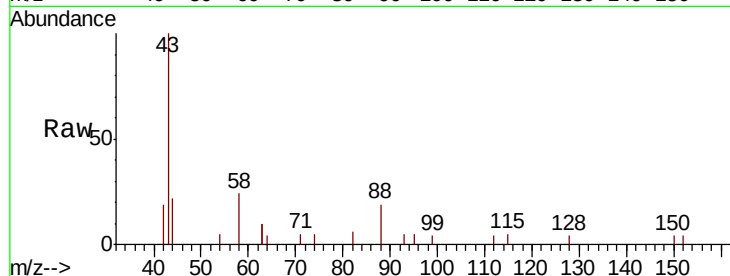
Tgt Ion: 42 Resp: 37

Ion Ratio Lower Upper

42 100

74 0.0 57.0 85.4#

44 118.9 0.0 0.0#



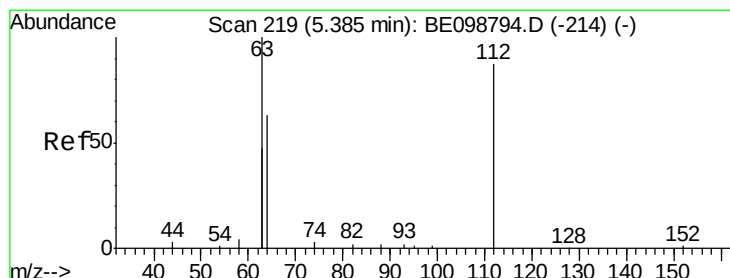
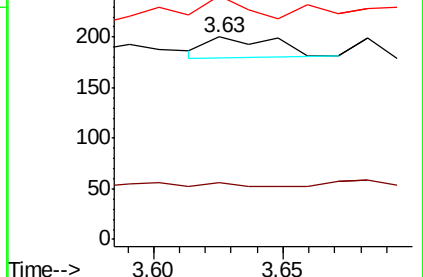
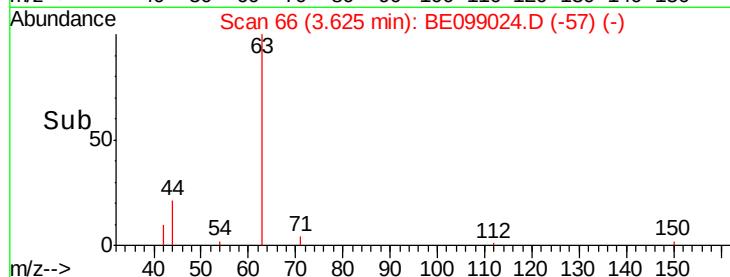
Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0

3.63

Time-->



#4

2-Fluorophenol

Concen: 0.330 ng

RT: 5.42 min Scan# 222

Delta R.T. 0.04 min

Lab File: BE099024.D

Acq: 19 Mar 2019 6:04

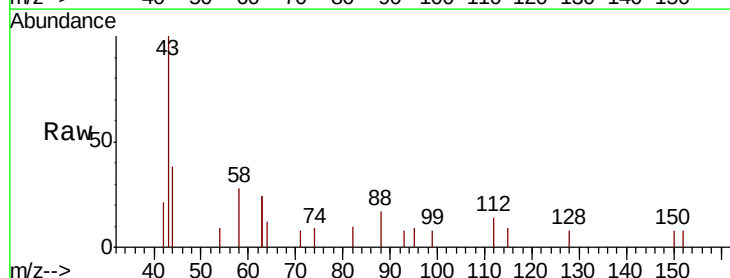
Tgt Ion: 112 Resp: 220

Ion Ratio Lower Upper

112 100

64 104.1 57.9 86.9#

63 131.4 158.3 237.5#



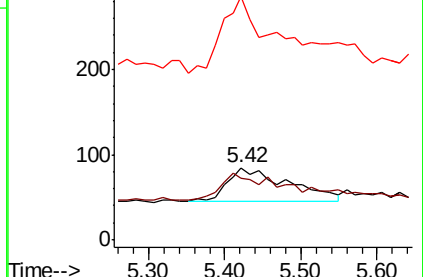
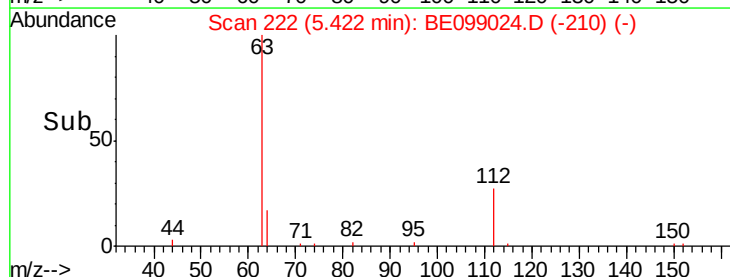
Abundance Ion 112.00 (111.70 to 112.70): E

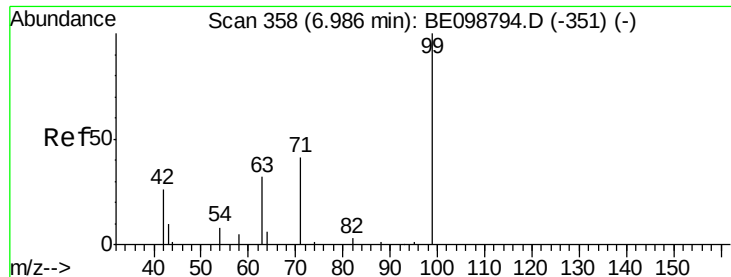
Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

5.42

Time-->





#5

Phenol-d6

Concen: 0.134 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.06 min

Lab File: BE099024.D

Acq: 19 Mar 2019 6:04

Instrument :

BNA_E

ClientSampleId :

M4-T3-OZ(POST)

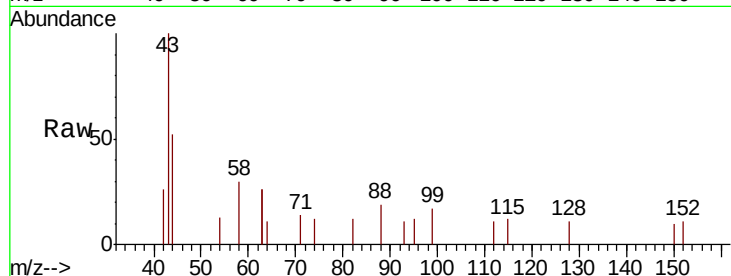
Tgt Ion: 99 Resp: 126

Ion Ratio Lower Upper

99 100

42 52.4 24.2 36.2#

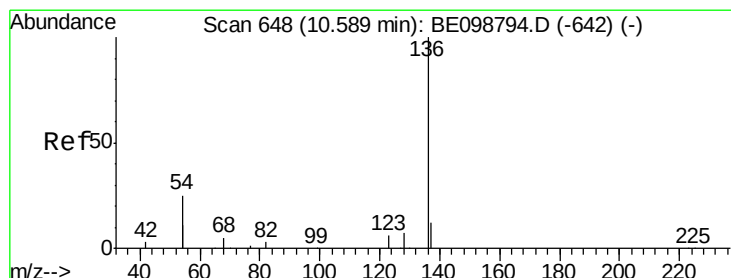
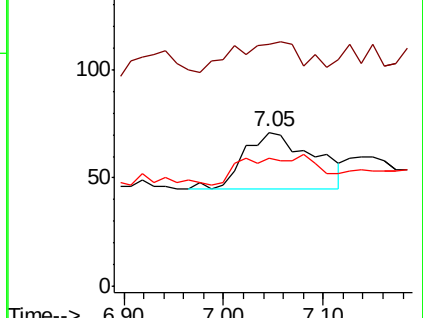
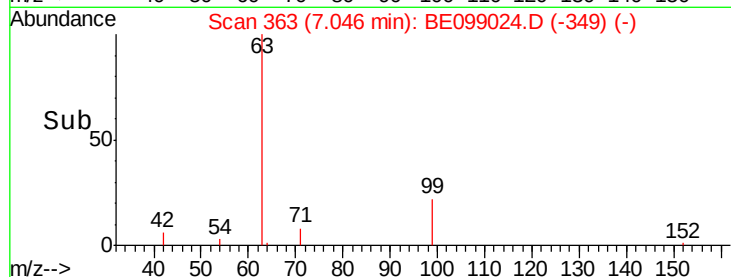
71 0.0 35.7 53.5#



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: 10.63 min Scan# 651

Delta R.T. 0.04 min

Lab File: BE099024.D

Acq: 19 Mar 2019 6:04

Tgt Ion: 136 Resp: 1057

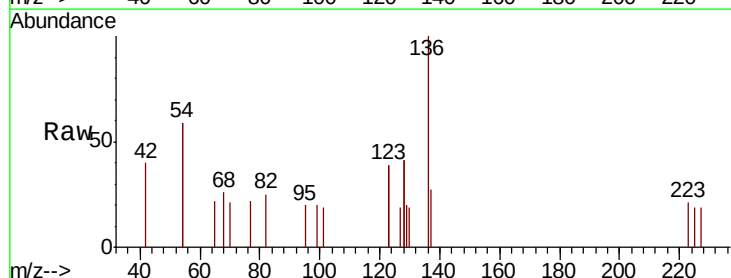
Ion Ratio Lower Upper

136 100

137 27.4 11.4 17.0#

54 119.0 39.3 58.9#

68 25.7 6.7 10.1#

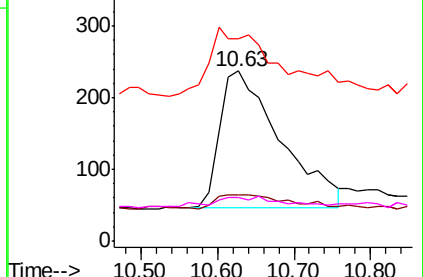
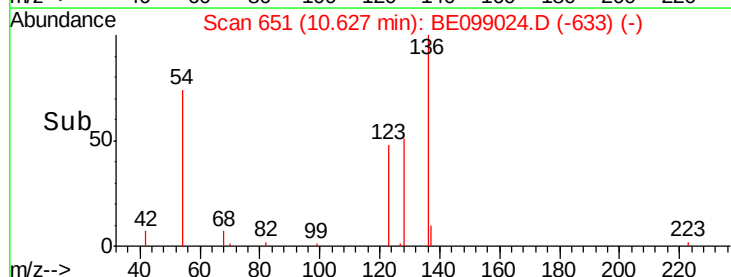


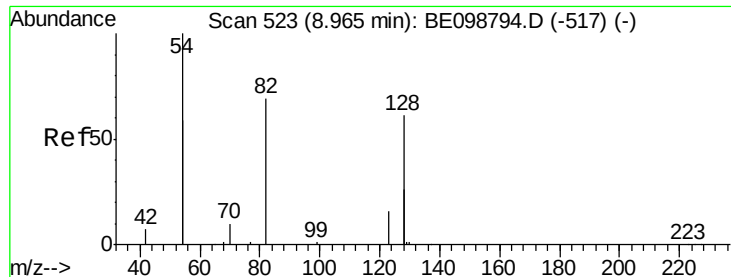
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.675 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.08 min

Lab File: BE099024.D

Acq: 19 Mar 2019 6:04

Instrument :

BNA_E

ClientSampleId :

M4-T3-OZ(POST)

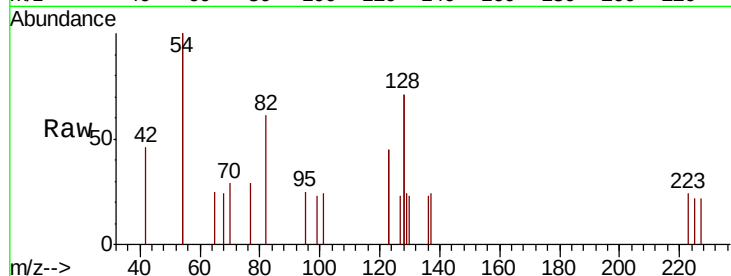
Tgt Ion: 82 Resp: 748

Ion Ratio Lower Upper

82 100

128 232.3 123.8 185.8#

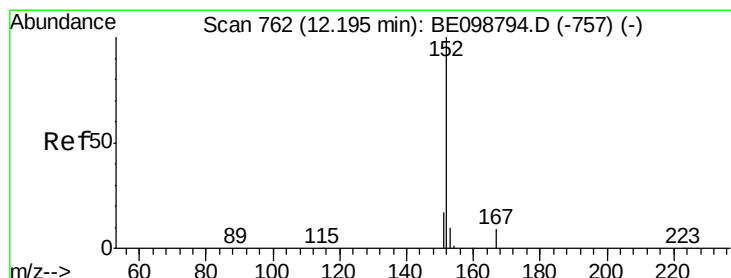
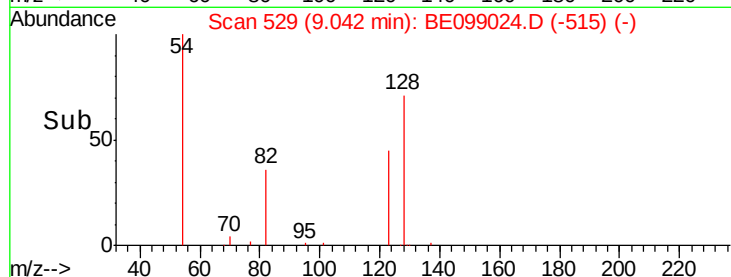
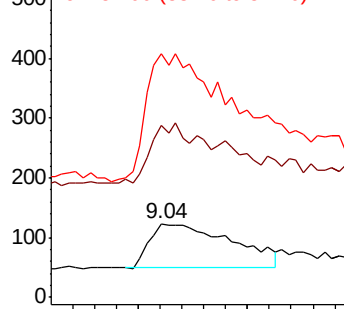
54 329.0 203.4 305.2#



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: 0.947 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.03 min

Lab File: BE099024.D

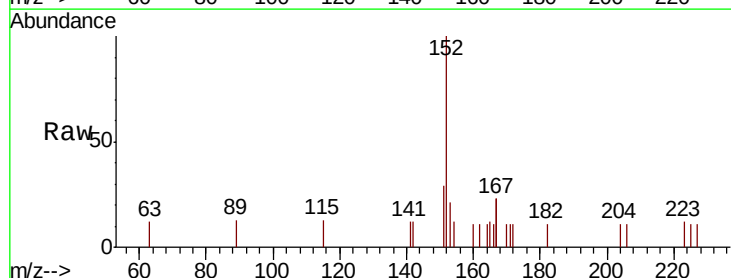
Acq: 19 Mar 2019 6:04

Tgt Ion: 152 Resp: 1851

Ion Ratio Lower Upper

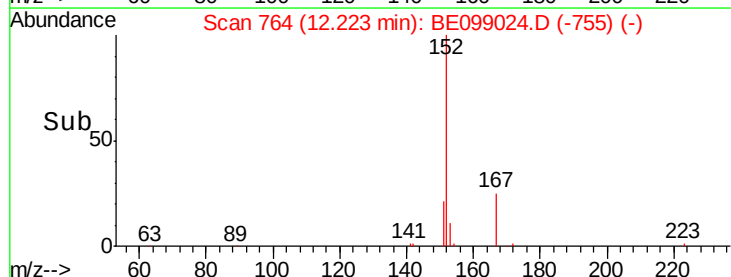
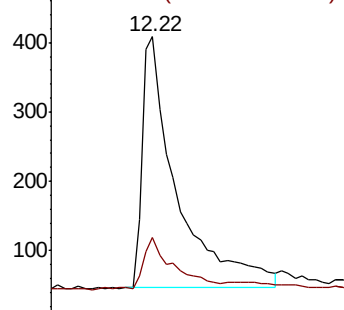
152 100

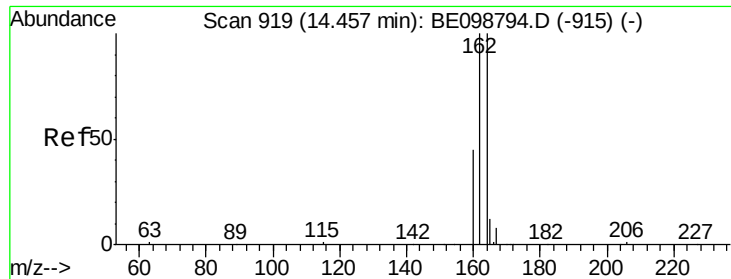
151 17.1 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

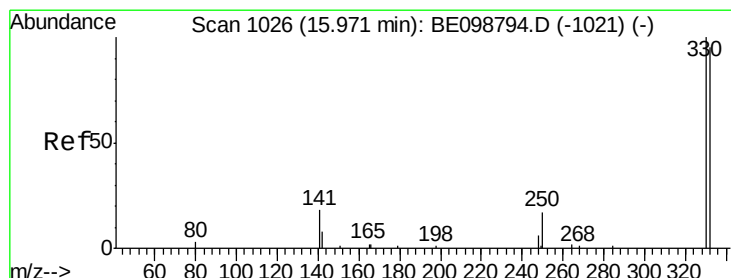
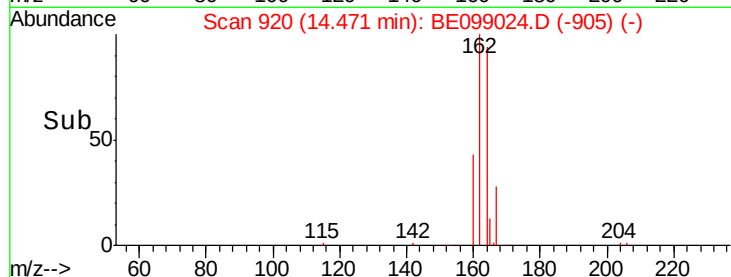
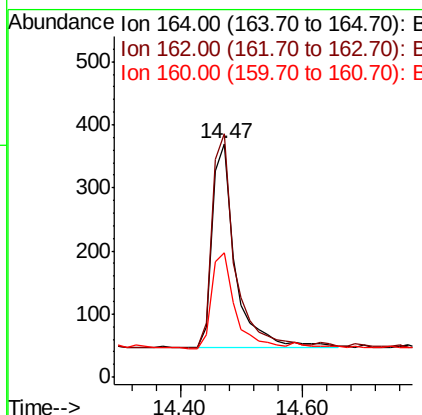
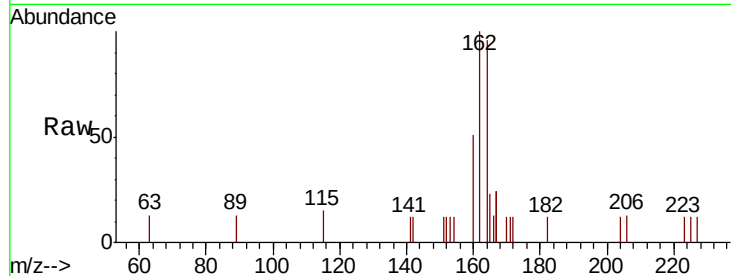




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. 0.01 min
 Lab File: BE099024.D
 Acq: 19 Mar 2019 6:04

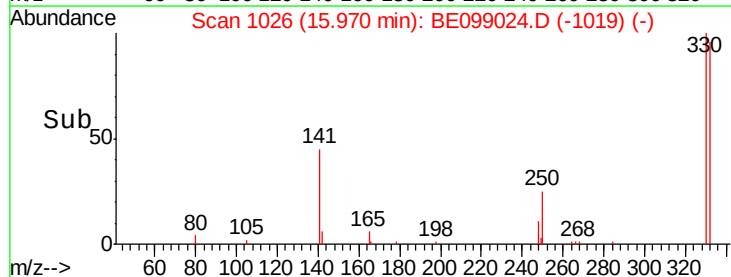
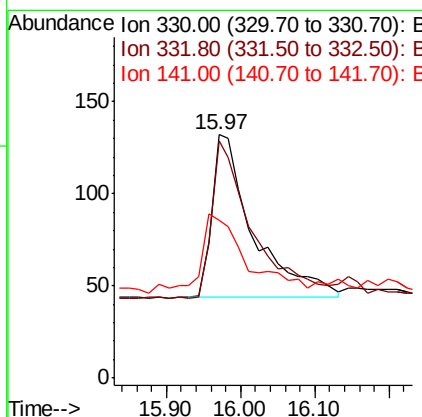
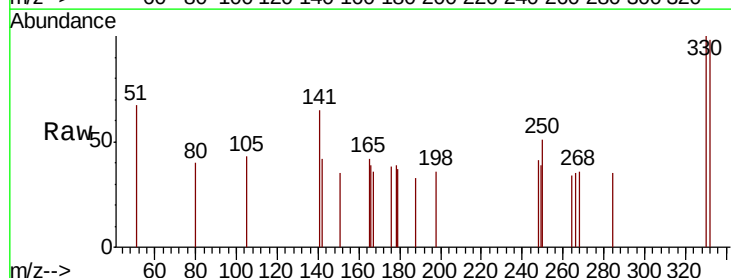
Instrument :
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 M4-T3-OZ(POST)

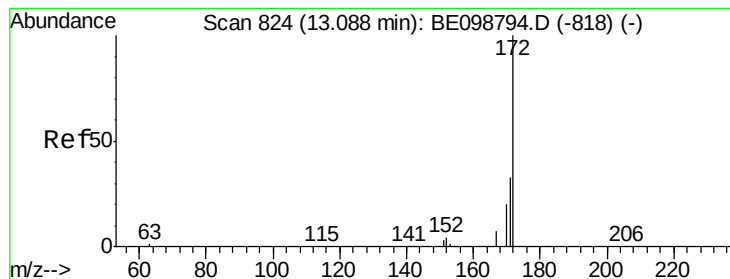
Tgt Ion:164 Resp: 858
 Ion Ratio Lower Upper
 164 100
 162 104.3 80.2 120.2
 160 53.2 37.8 56.8



#14
 2,4,6-Tribromophenol
 Concen: 0.785 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE099024.D
 Acq: 19 Mar 2019 6:04

Tgt Ion:330 Resp: 340
 Ion Ratio Lower Upper
 330 100
 332 98.8 77.6 116.4
 141 42.6 31.0 46.4





#15

2-Fluorobiphenyl

Concen: 1.239 ng

RT: 13.09 min Scan# 824

Delta R.T. 0.00 min

Lab File: BE099024.D

Acq: 19 Mar 2019 6:04

Instrument :

BNA_E

ClientSampleId :

M4-T3-OZ(POST)

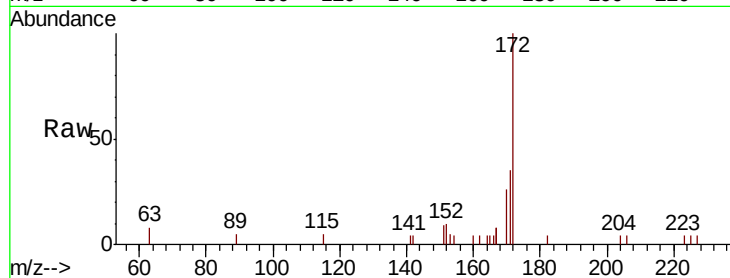
Tgt Ion:172 Resp: 4403

Ion Ratio Lower Upper

172 100

171 34.8 28.0 42.0

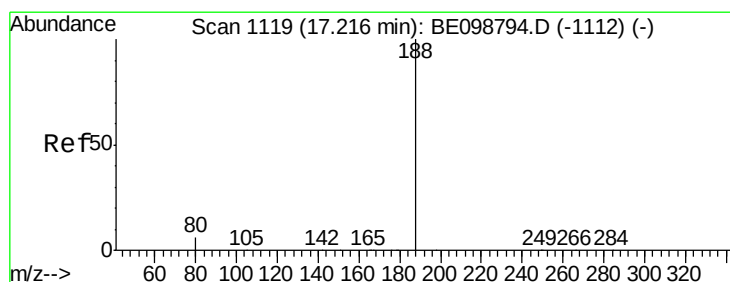
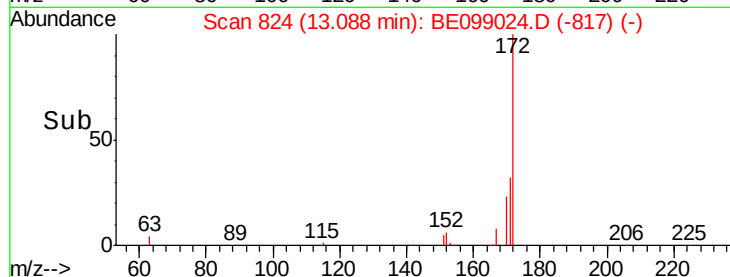
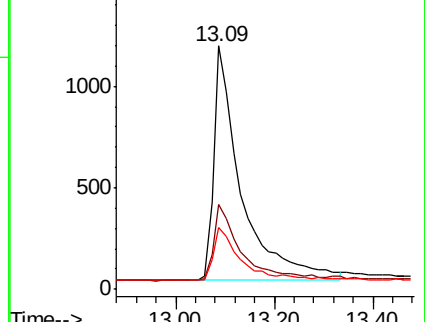
170 25.5 17.7 26.5



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: 17.23 min Scan# 1120

Delta R.T. 0.01 min

Lab File: BE099024.D

Acq: 19 Mar 2019 6:04

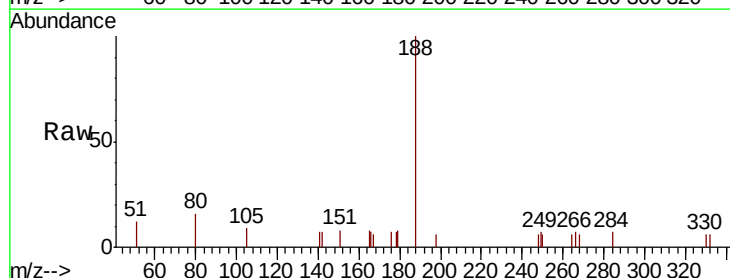
Tgt Ion:188 Resp: 1912

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

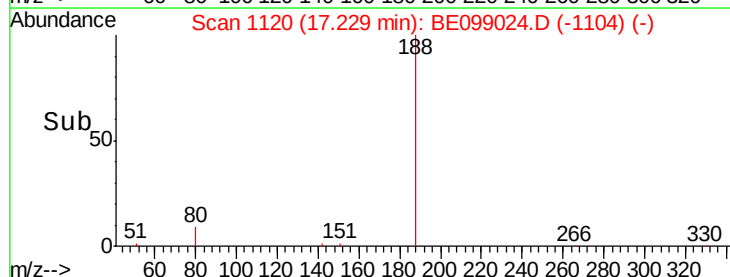
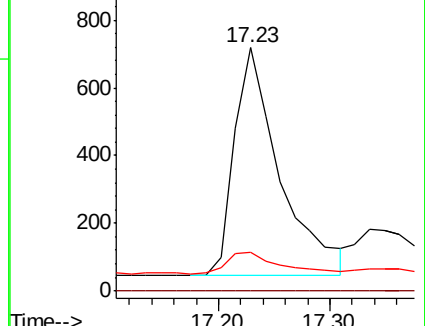
80 15.9 6.3 9.5#

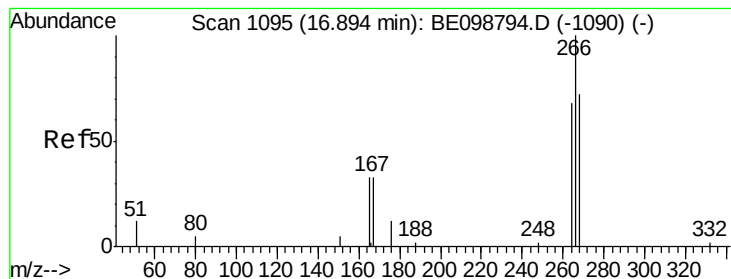


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#22

Pentachlorophenol

Concen: 0.284 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BE099024.D

Acq: 19 Mar 2019 6:04

Instrument :

BNA_E

ClientSampleId :

M4-T3-OZ(POST)

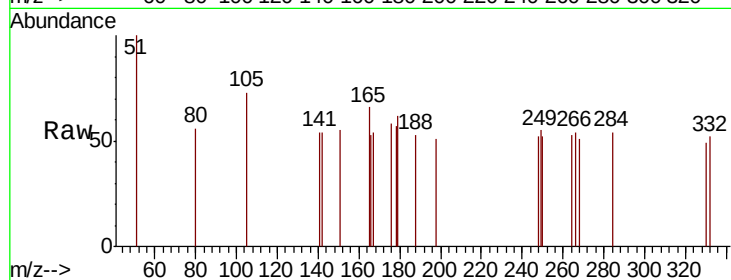
Tgt Ion: 266 Resp: 8

Ion Ratio Lower Upper

266 100

264 97.9 66.6 100.0

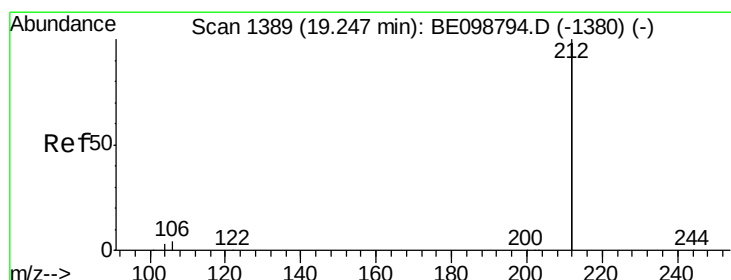
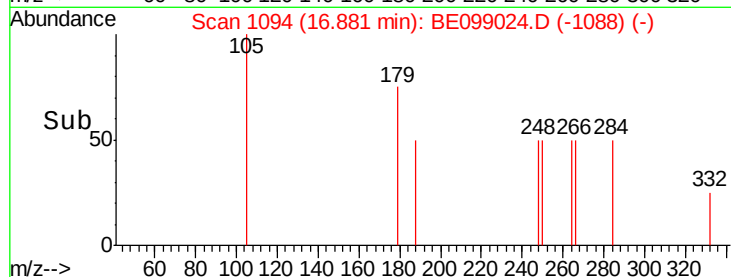
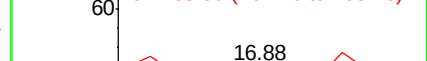
268 93.8 69.8 104.8



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: 0.958 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE099024.D

Acq: 19 Mar 2019 6:04

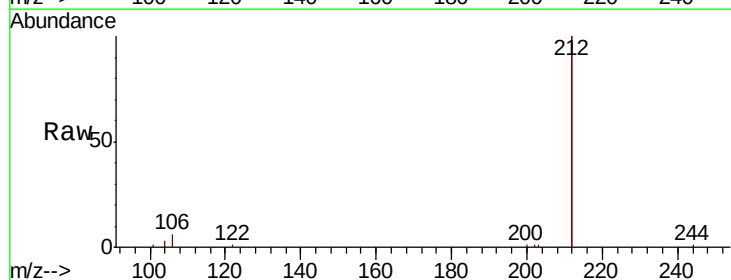
Tgt Ion: 212 Resp: 29233

Ion Ratio Lower Upper

212 100

106 2.4 1.8 2.8

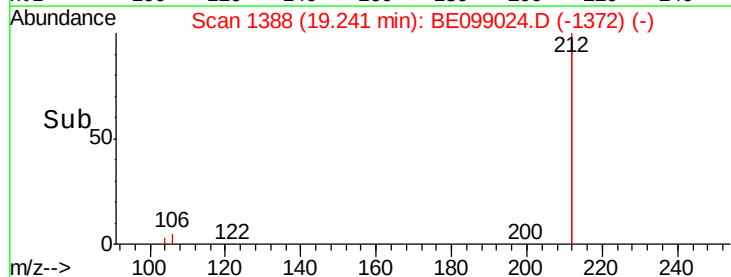
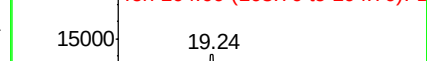
104 1.3 1.0 1.6



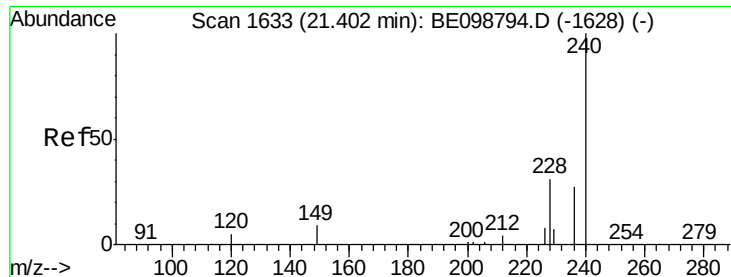
Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



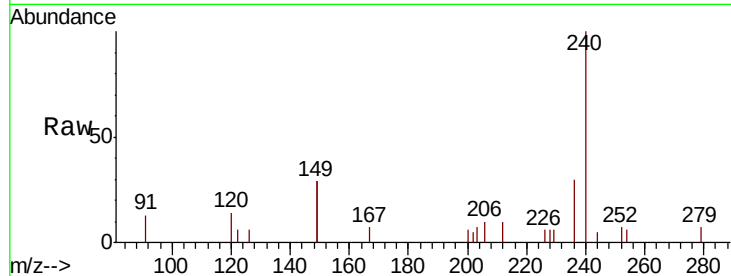
Time-->



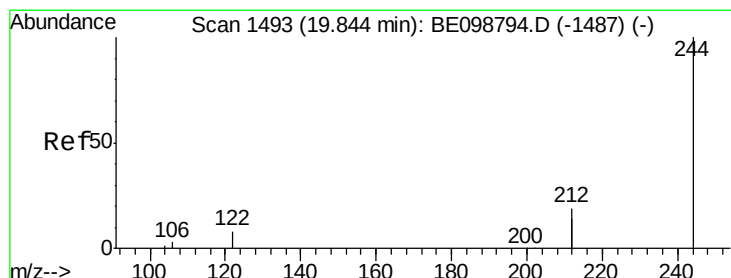
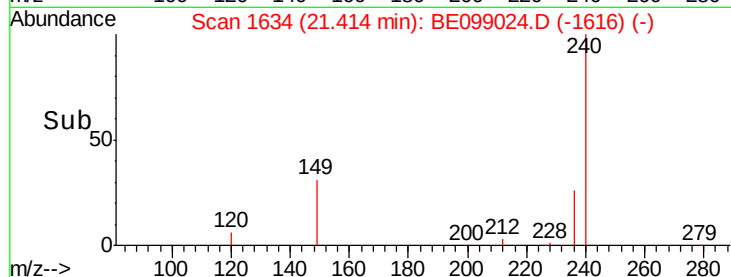
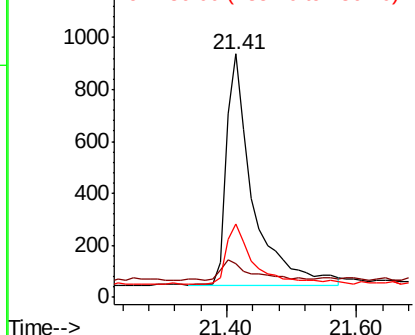
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1634
Delta R.T. 0.01 min
Lab File: BE099024.D
Acq: 19 Mar 2019 6:04

Instrument :
BNA_E
ClientSampleId :
M4-T3-OZ(POST)

Tgt Ion:240 Resp: 2531
Ion Ratio Lower Upper
240 100
120 13.7 5.0 7.4#
236 30.2 22.7 34.1

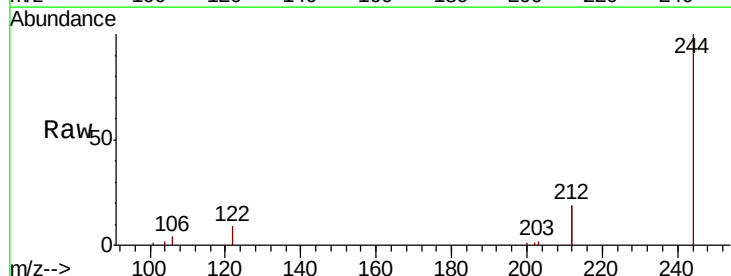


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

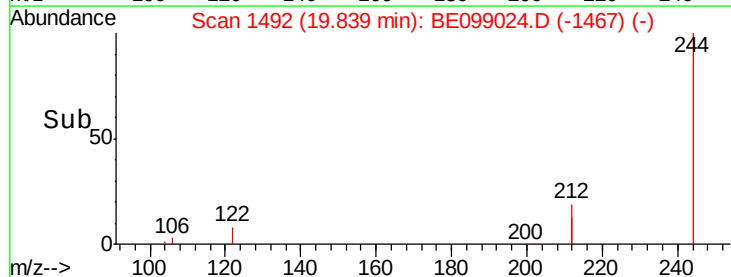
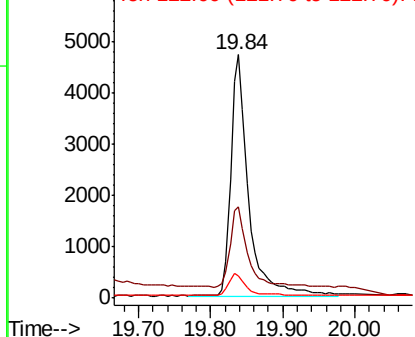


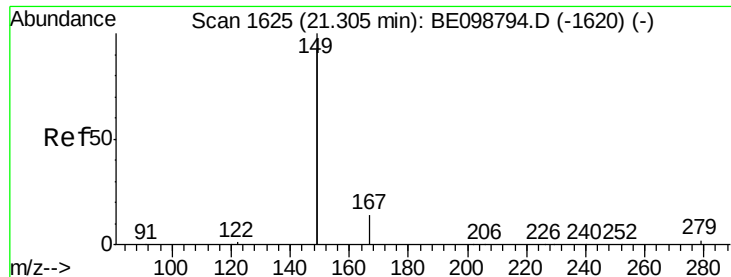
#29
Terphenyl-d14
Concen: 1.298 ng
RT: 19.84 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BE099024.D
Acq: 19 Mar 2019 6:04

Tgt Ion:244 Resp: 7984
Ion Ratio Lower Upper
244 100
212 37.3 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: 0.176 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099024.D

Acq: 19 Mar 2019 6:04

Instrument :

BNA_E

ClientSampleId :

M4-T3-OZ(POST)

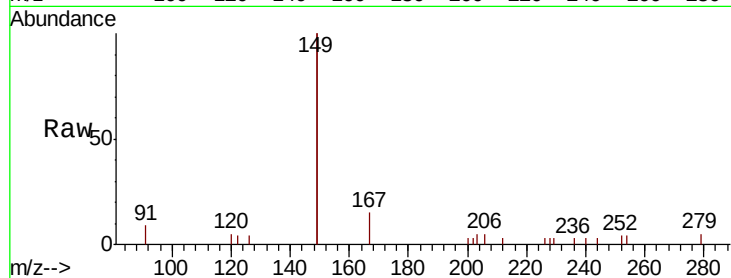
Tgt Ion:149 Resp: 2954

Ion Ratio Lower Upper

149 100

167 7.1 5.4 8.0

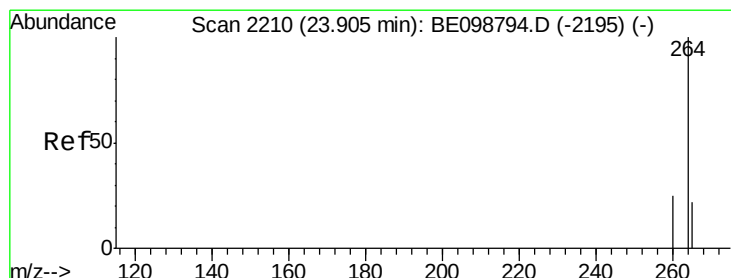
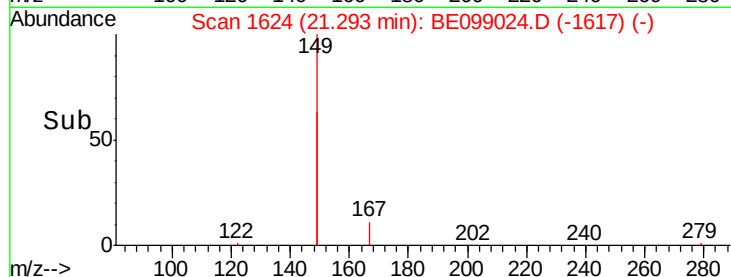
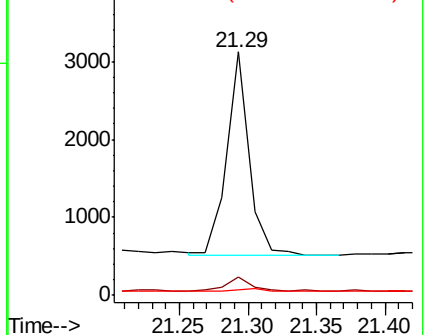
279 1.3 1.0 1.4



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: 23.92 min Scan# 2213

Delta R.T. 0.01 min

Lab File: BE099024.D

Acq: 19 Mar 2019 6:04

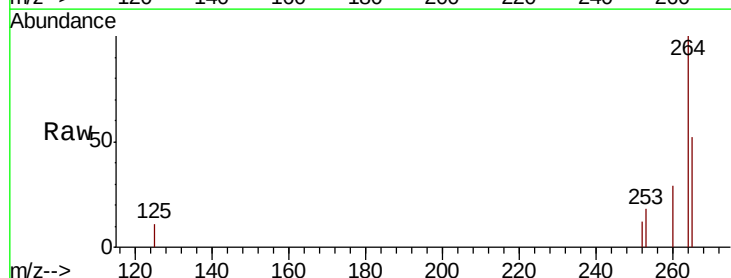
Tgt Ion:264 Resp: 2050

Ion Ratio Lower Upper

264 100

260 29.0 21.2 31.8

265 51.8 24.6 36.8#



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

