

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031819\
 Data File : BE099023.D
 Acq On : 19 Mar 2019 5:25
 Operator : JU/SJ
 Sample : K1945-06
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 M4-T4-OZ(POST-HYPO)

Quant Time: Mar 19 08:52:40 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	714	0.40	ng	0.02
7) Naphthalene-d8	10.60	136	3225	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2413	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5388	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6422	0.40	ng	0.00
34) Perylene-d12	23.90	264	5707	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.40	112	482	0.23	ng	0.02
5) Phenol-d6	7.06	99	442	0.15	ng	0.07
8) Nitrobenzene-d5	9.02	82	859	0.25	ng	0.05
11) 2-Methylnaphthalene-d10	12.21	152	2248	0.38	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	448	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	5405	0.54	ng	0.00
25) Fluoranthene-d10	19.24	212	32922	0.38	ng	0.00
29) Terphenyl-d14	19.84	244	9127	0.58	ng	0.00

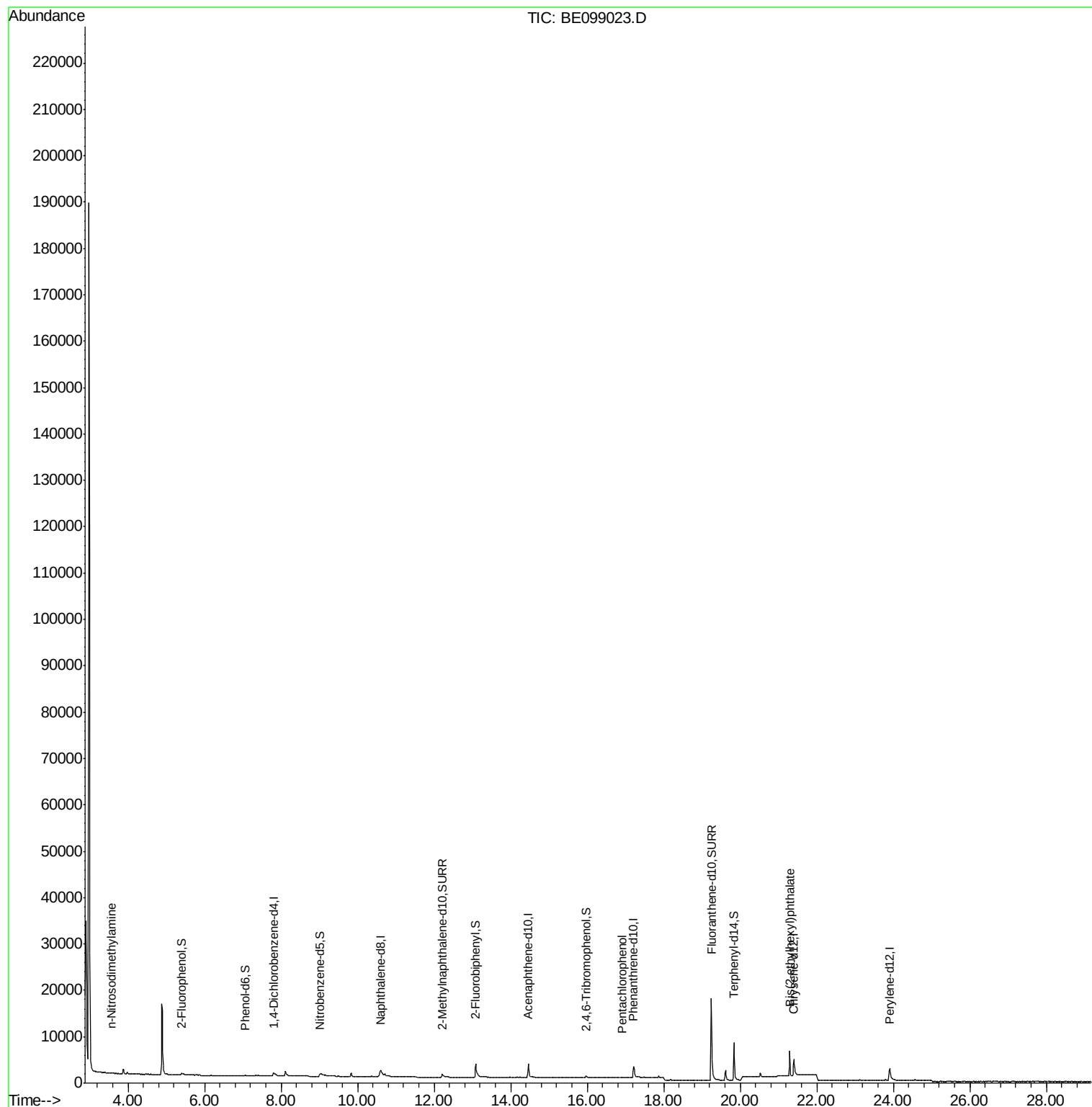
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.34	88	10	Below Cal	#	11
3) n-Nitrosodimethylamine	3.57	42	44	0.024	ng	# 14
22) Pentachlorophenol	16.92	266	13	0.275	ng	89
32) Bis(2-ethylhexyl)phthalate	21.29	149	5837	0.137	ng	99

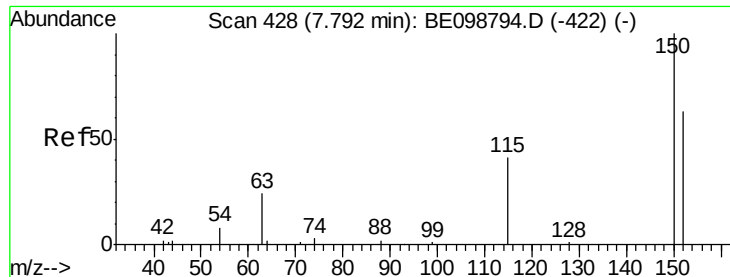
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.81 min Scan# 429

Delta R.T. 0.02 min

Lab File: BE099023.D

Acq: 19 Mar 2019 5:25

Instrument :

BNA_E

ClientSampleId :

M4-T4-OZ(POST-HYPO)

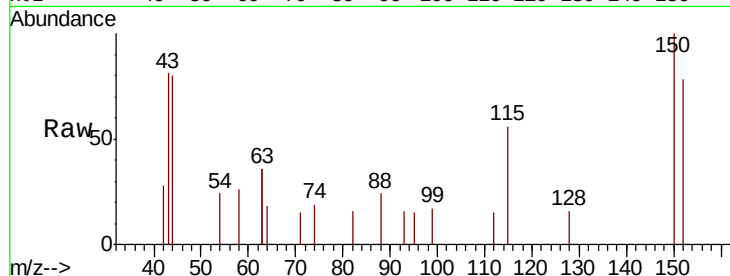
Tgt Ion: 152 Resp: 714

Ion Ratio Lower Upper

152 100

150 128.5 122.5 183.7

115 71.5 57.4 86.2



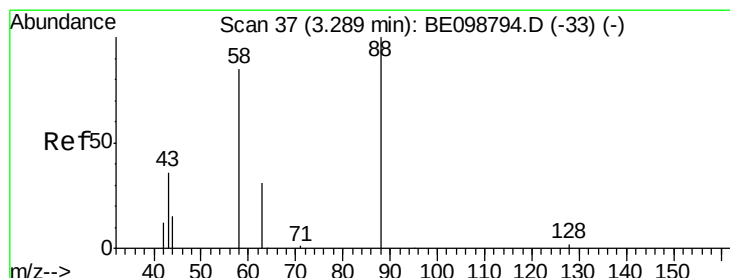
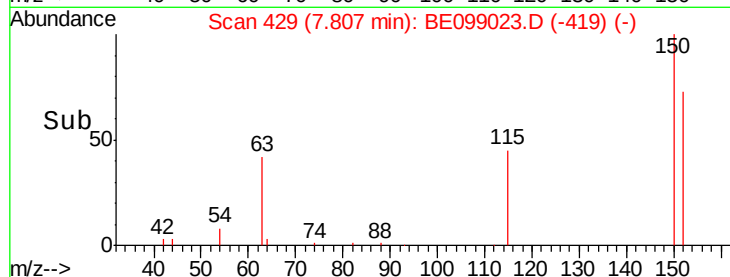
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

7.81

Time-->



#2

1,4-Dioxane

Concen: Below Cal

RT: 3.34 min Scan# 41

Delta R.T. 0.05 min

Lab File: BE099023.D

Acq: 19 Mar 2019 5:25

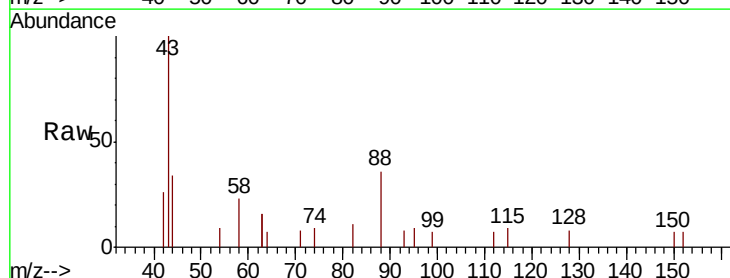
Tgt Ion: 88 Resp: 10

Ion Ratio Lower Upper

88 100

58 0.0 75.8 113.6#

43 0.0 41.8 62.8#



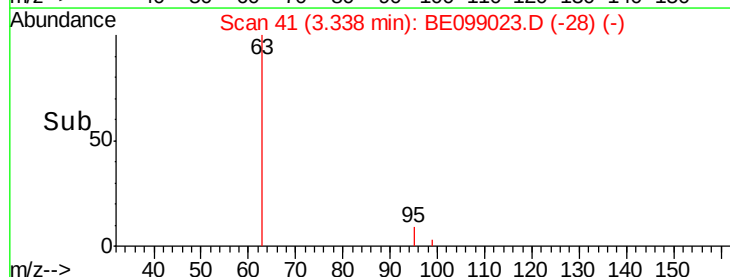
Abundance Ion 88.00 (87.70 to 88.70): BE0

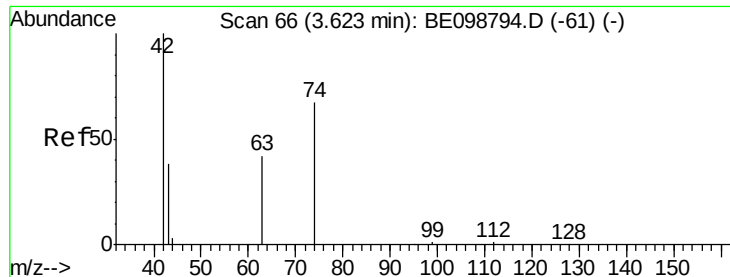
Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0

3.34

Time-->





#3

n-Nitrosodimethylamine

Concen: 0.024 ng

RT: 3.57 min Scan# 61

Delta R.T. -0.05 min

Lab File: BE099023.D

Acq: 19 Mar 2019 5:25

Instrument :

BNA_E

ClientSampleId :

M4-T4-OZ(POST-HYPO)

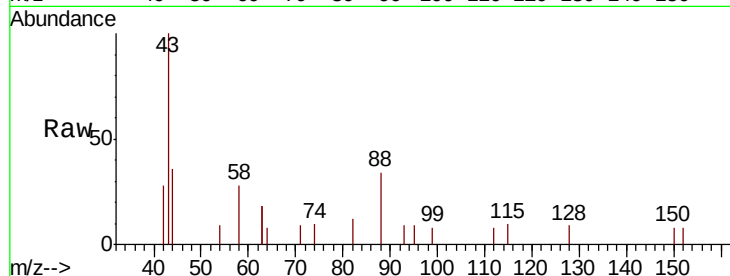
Tgt Ion: 42 Resp: 44

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

300

250

200

150

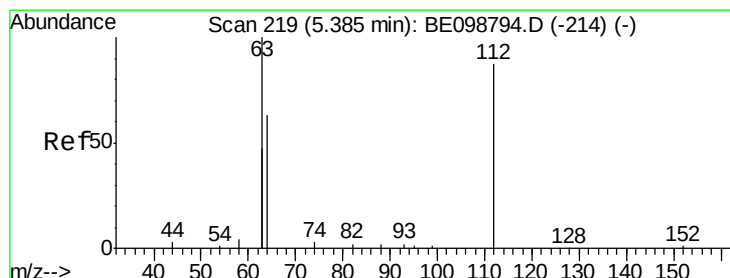
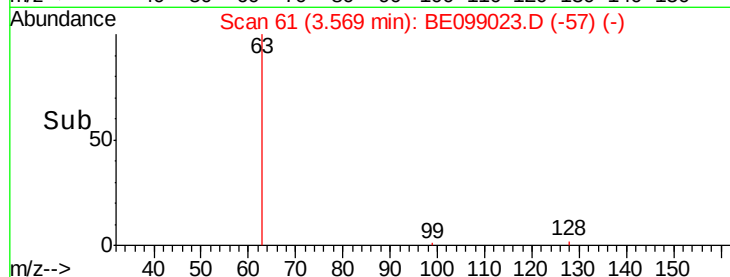
100

50

0

3.55 3.60 3.65

Time-->



#4

2-Fluorophenol

Concen: 0.226 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.02 min

Lab File: BE099023.D

Acq: 19 Mar 2019 5:25

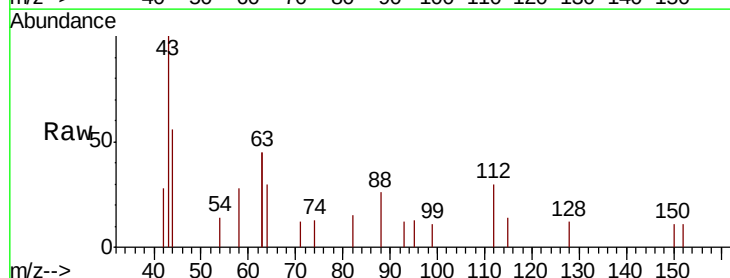
Tgt Ion: 112 Resp: 482

Ion Ratio Lower Upper

112 100

64 80.5 57.9 86.9

63 219.1 158.3 237.5



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

500

400

300

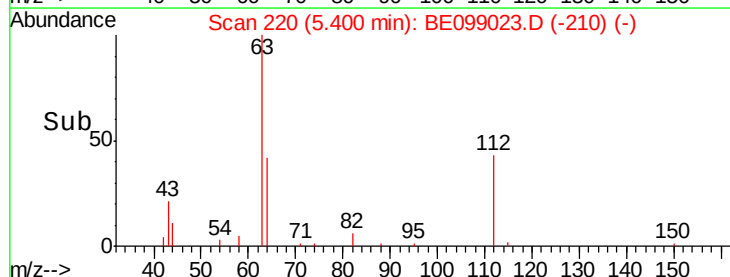
200

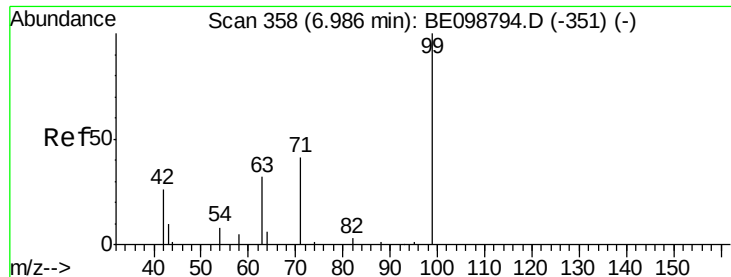
100

0

5.30 5.40 5.50 5.60

Time-->





#5

Phenol-d6

Concen: 0.147 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.07 min

Lab File: BE099023.D

Acq: 19 Mar 2019 5:25

Instrument :

BNA_E

ClientSampleId :

M4-T4-OZ(POST-HYPO)

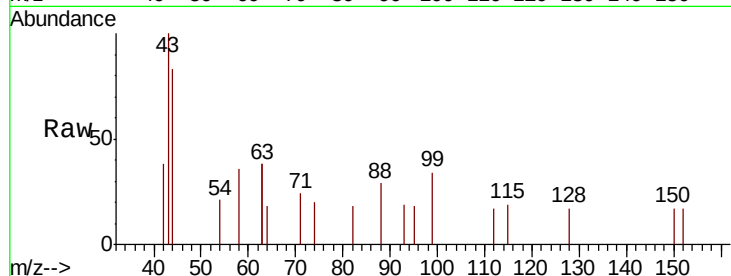
Tgt Ion: 99 Resp: 442

Ion Ratio Lower Upper

99 100

42 23.8 24.2 36.2#

71 12.9 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

150

100

7.06

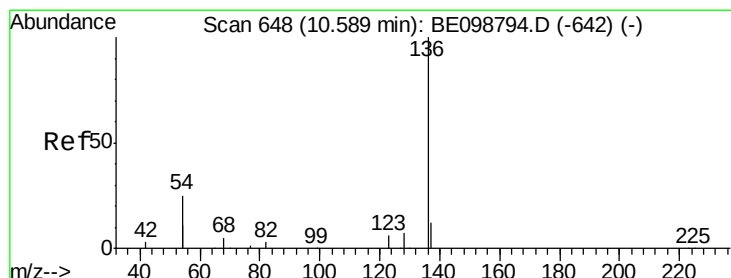
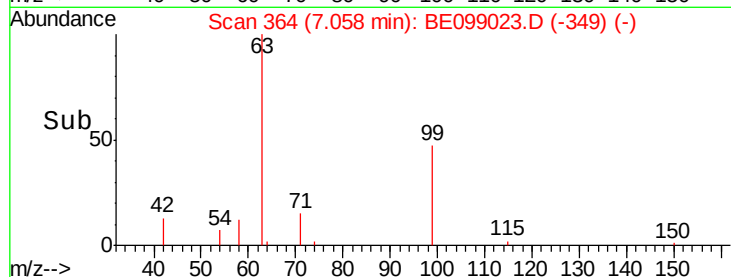
50

0

Time-->

7.00

7.20



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE099023.D

Acq: 19 Mar 2019 5:25

Tgt Ion: 136 Resp: 3225

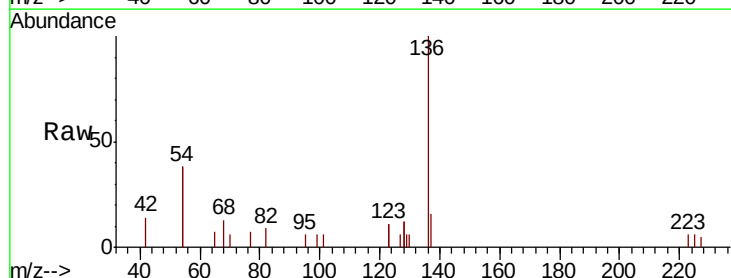
Ion Ratio Lower Upper

136 100

137 15.5 11.4 17.0

54 75.8 39.3 58.9#

68 12.8 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

1200

1000

800

600

400

200

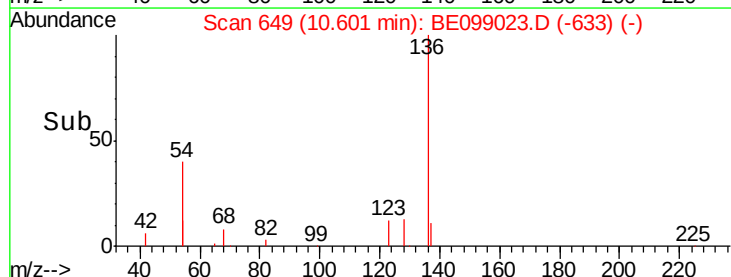
0

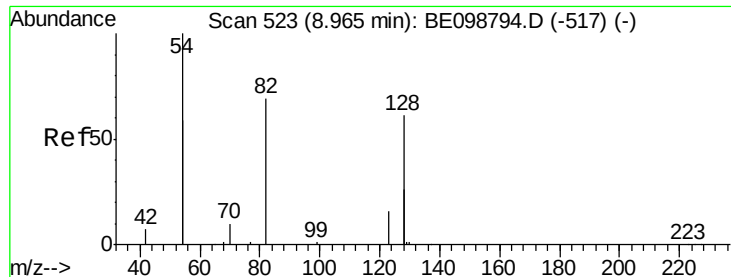
Time-->

10.40

10.60

10.80





#8

Nitrobenzene-d5

Concen: 0.254 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.05 min

Lab File: BE099023.D

Acq: 19 Mar 2019 5:25

Instrument :

BNA_E

ClientSampleId :

M4-T4-OZ(POST-HYPO)

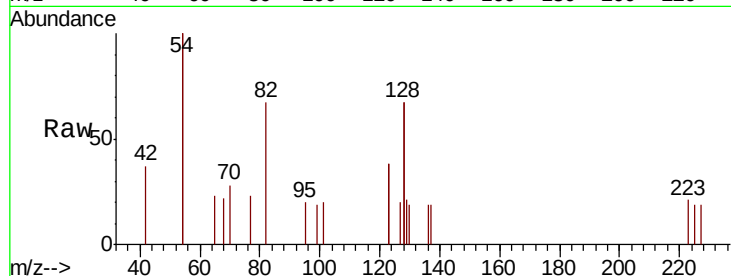
Tgt Ion: 82 Resp: 859

Ion Ratio Lower Upper

82 100

128 198.8 123.8 185.8#

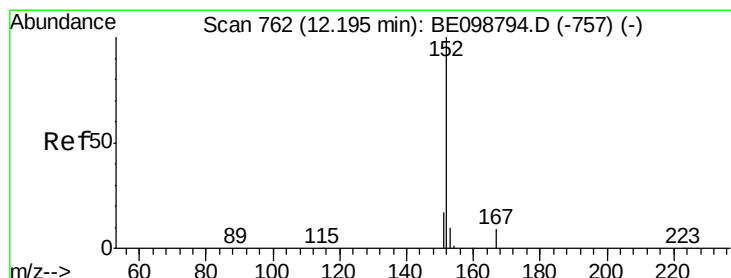
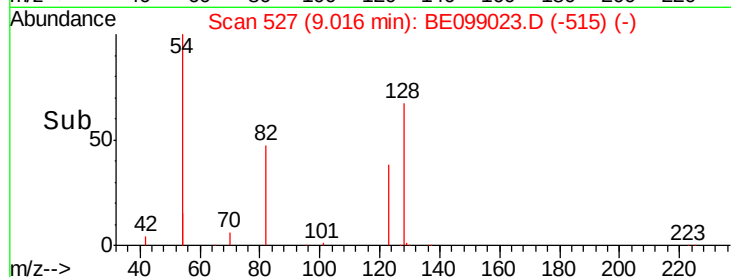
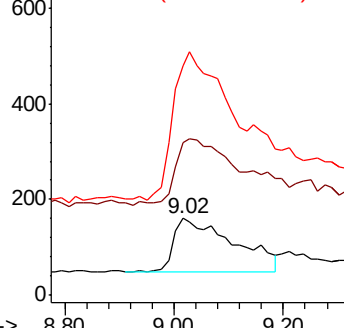
54 298.8 203.4 305.2



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.377 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.01 min

Lab File: BE099023.D

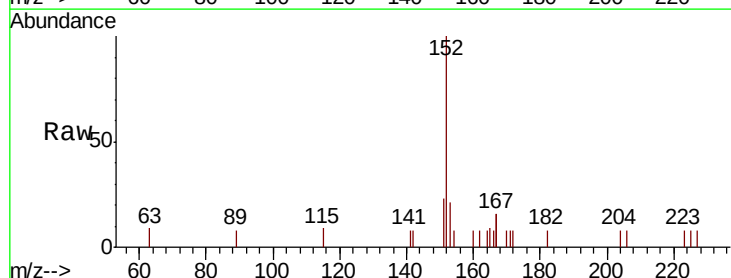
Acq: 19 Mar 2019 5:25

Tgt Ion: 152 Resp: 2248

Ion Ratio Lower Upper

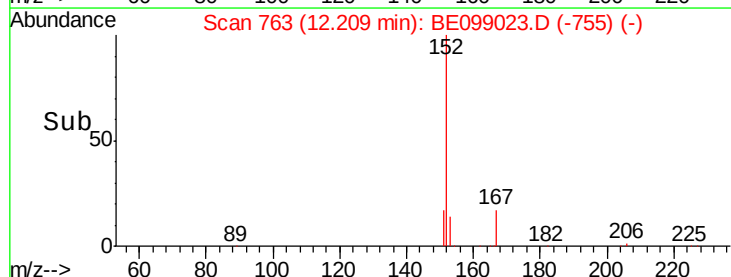
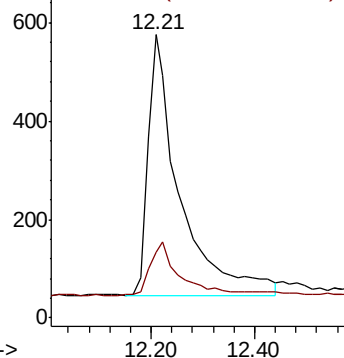
152 100

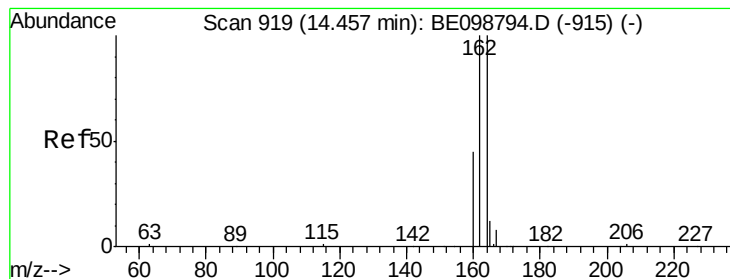
151 19.4 16.5 24.7



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: 14.46 min Scan# 919

Delta R.T. -0.00 min

Lab File: BE099023.D

Acq: 19 Mar 2019 5:25

Instrument :

BNA_E

ClientSampleId :

M4-T4-OZ(POST-HYPO)

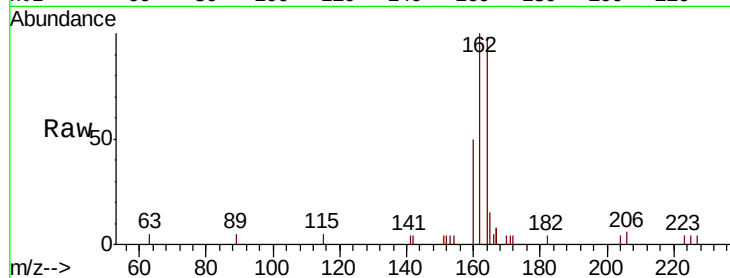
Tgt Ion:164 Resp: 2413

Ion Ratio Lower Upper

164 100

162 101.6 80.2 120.2

160 50.5 37.8 56.8

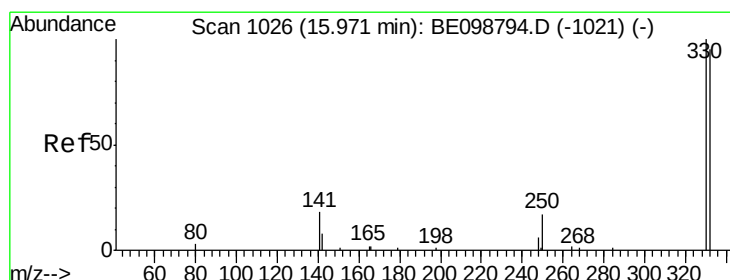
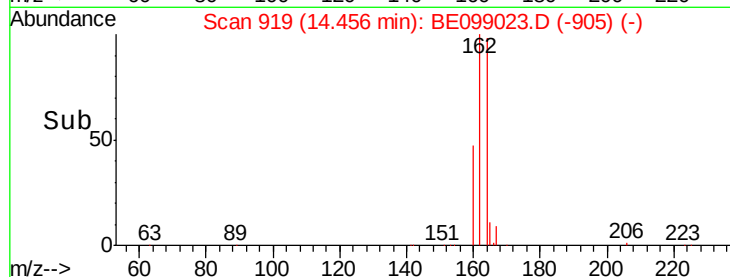
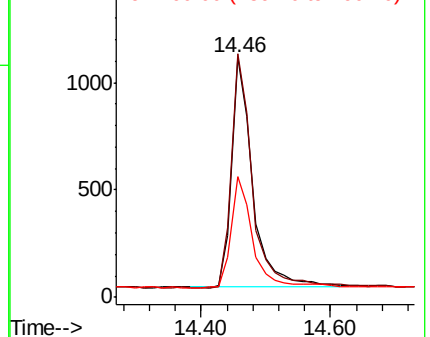


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.368 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE099023.D

Acq: 19 Mar 2019 5:25

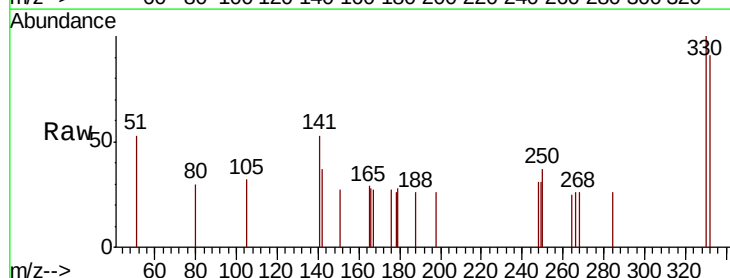
Tgt Ion:330 Resp: 448

Ion Ratio Lower Upper

330 100

332 94.9 77.6 116.4

141 41.1 31.0 46.4

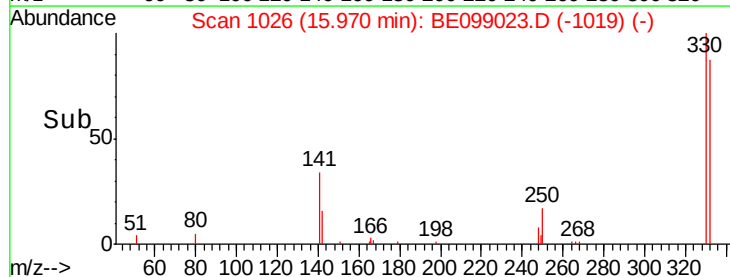
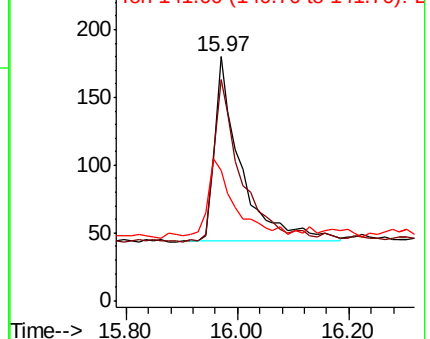


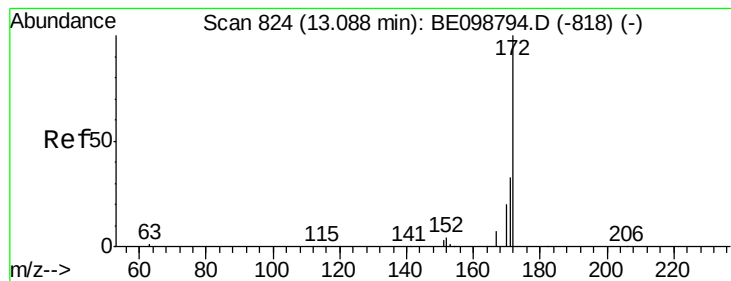
Abundance

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

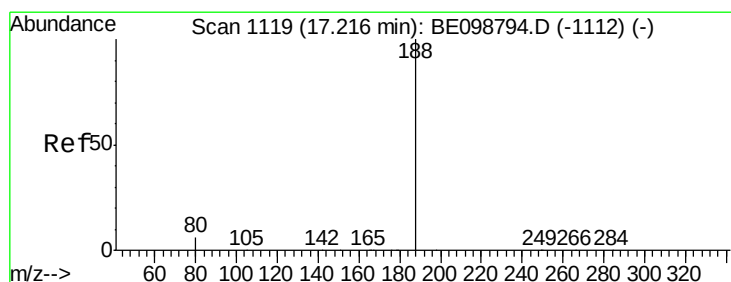
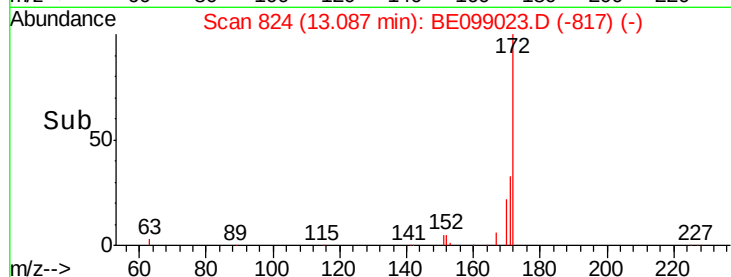
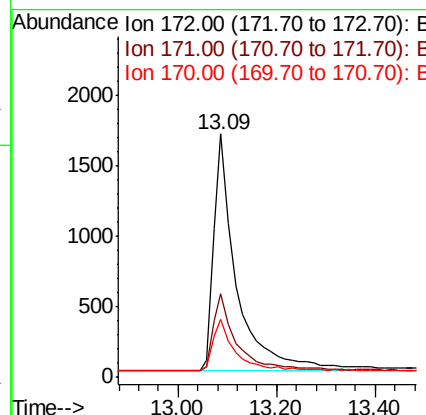
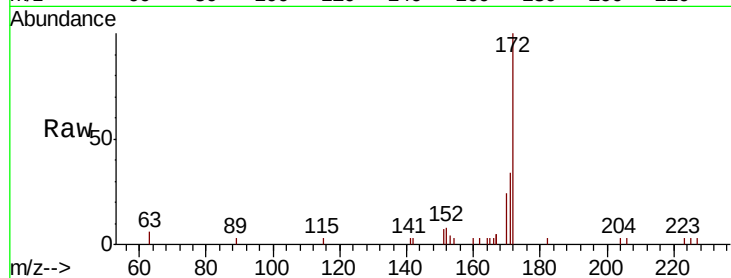




#15
2-Fluorobiphenyl
Concen: 0.541 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE099023.D
Acq: 19 Mar 2019 5:25

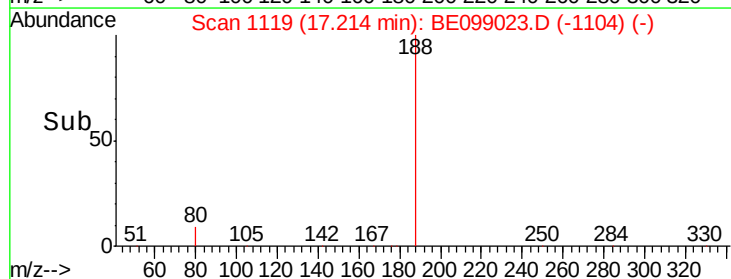
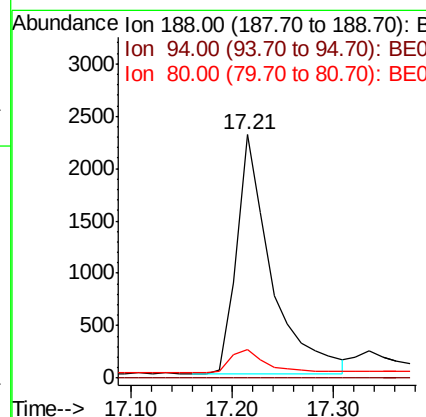
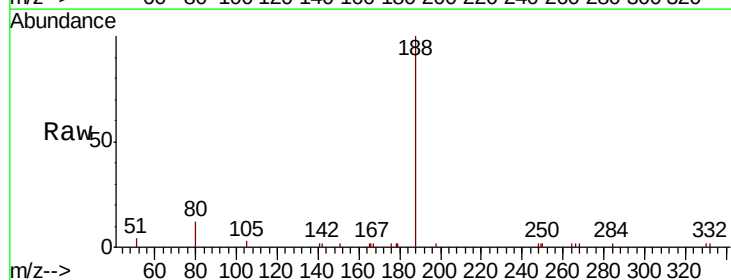
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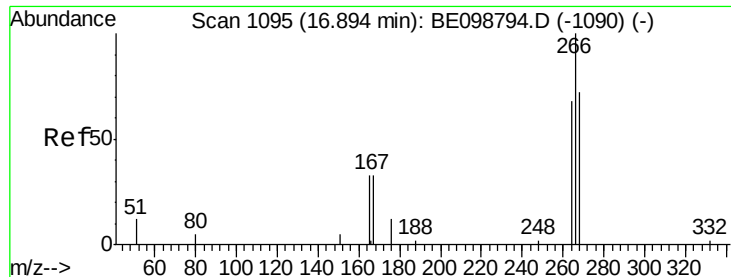
Tgt Ion:172 Resp: 5405
Ion Ratio Lower Upper
172 100
171 34.3 28.0 42.0
170 23.9 17.7 26.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE099023.D
Acq: 19 Mar 2019 5:25

Tgt Ion:188 Resp: 5388
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.5 6.3 9.5#





#22

Pentachlorophenol

Concen: 0.275 ng

RT: 16.92 min Scan# 1097

Delta R.T. 0.03 min

Lab File: BE099023.D

Acq: 19 Mar 2019 5:25

Instrument :

BNA_E

ClientSampleId :

M4-T4-OZ(POST-HYPO)

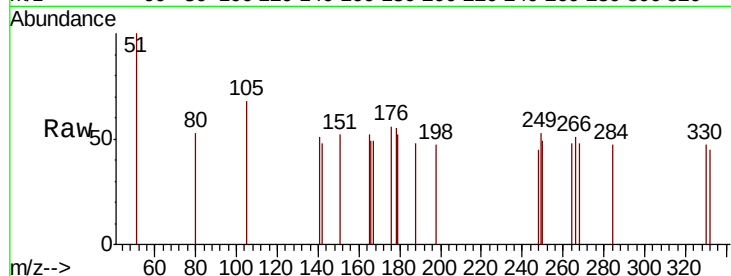
Tgt Ion:266 Resp: 13

Ion Ratio Lower Upper

266 100

264 95.8 66.6 100.0

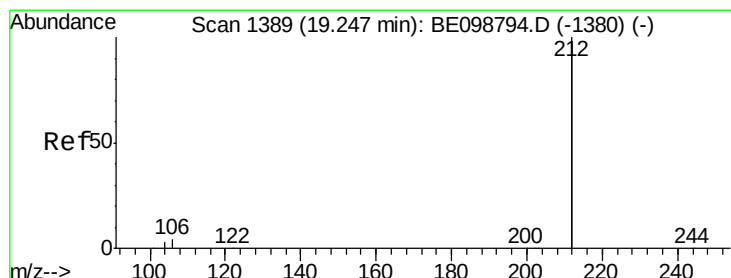
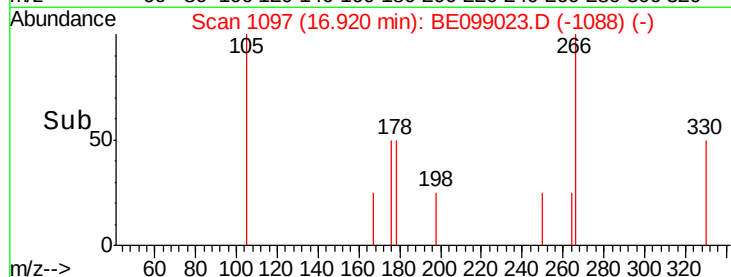
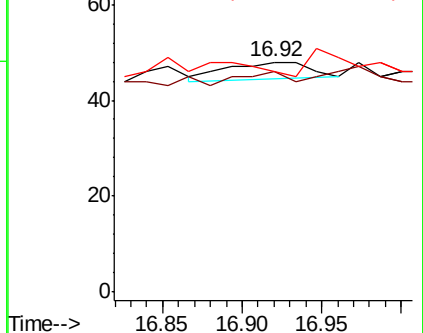
268 95.8 69.8 104.8



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: 0.383 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BE099023.D

Acq: 19 Mar 2019 5:25

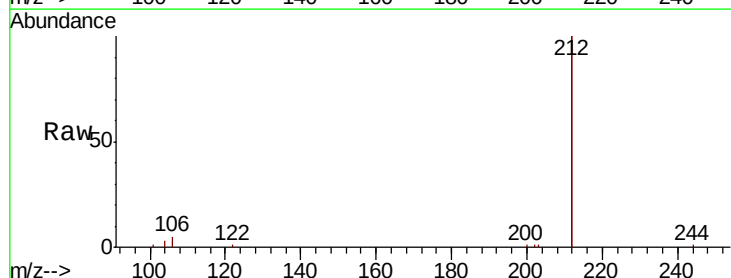
Tgt Ion:212 Resp: 32922

Ion Ratio Lower Upper

212 100

106 2.4 1.8 2.8

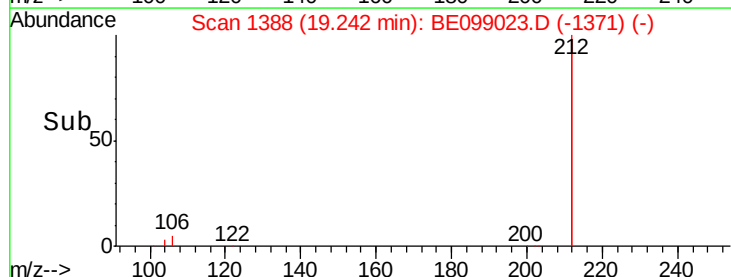
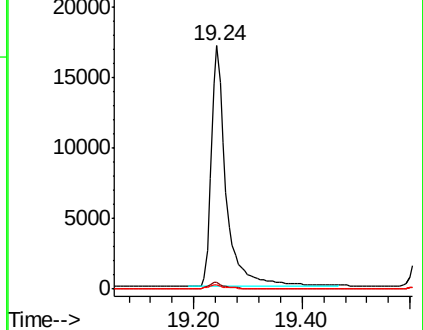
104 1.3 1.0 1.6

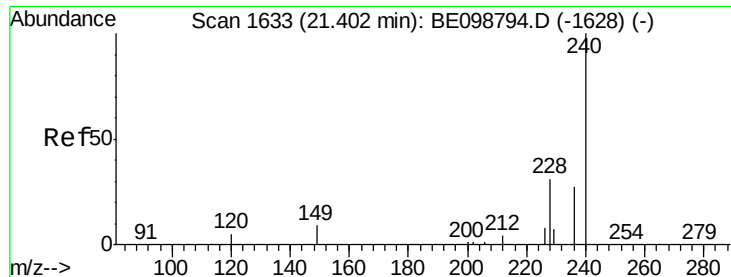


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099023.D

Acq: 19 Mar 2019 5:25

Instrument :

BNA_E

ClientSampleId :

M4-T4-OZ(POST-HYPO)

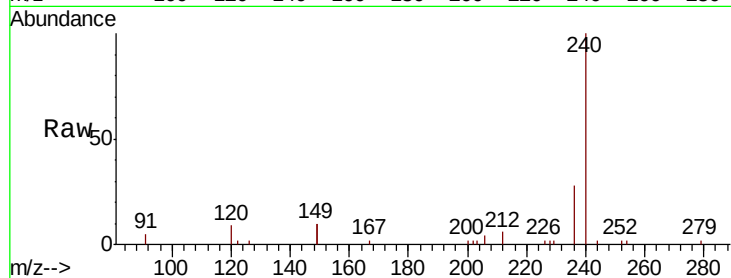
Tgt Ion:240 Resp: 6422

Ion Ratio Lower Upper

240 100

120 9.1 5.0 7.4#

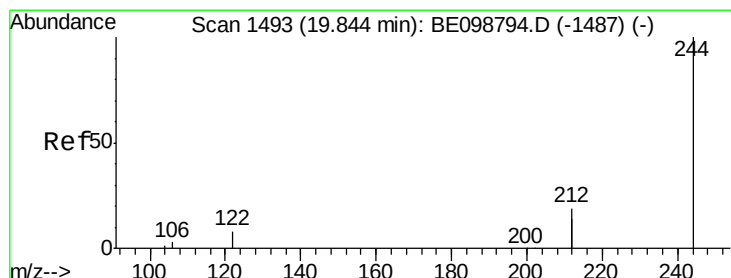
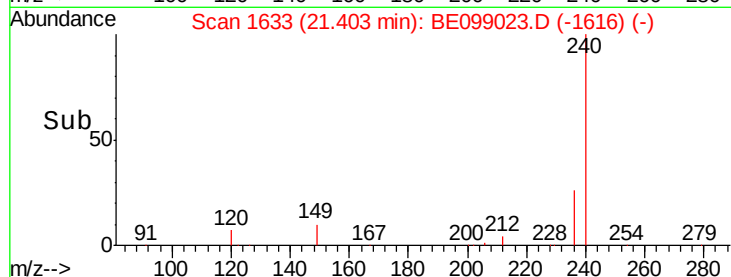
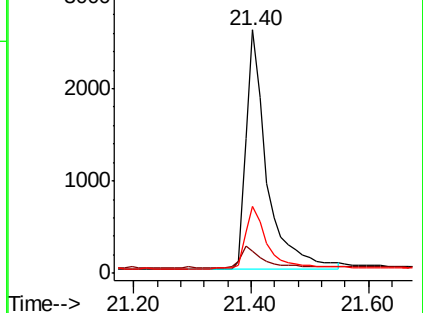
236 27.6 22.7 34.1



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: 0.585 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BE099023.D

Acq: 19 Mar 2019 5:25

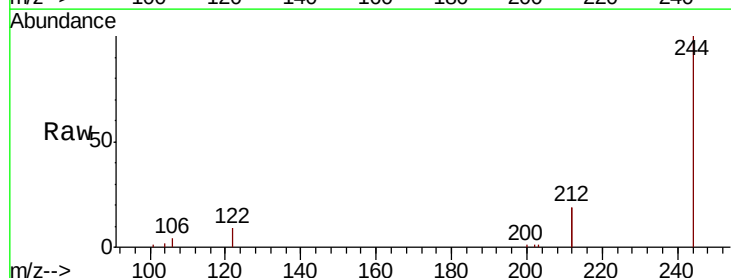
Tgt Ion:244 Resp: 9127

Ion Ratio Lower Upper

244 100

212 37.7 29.4 44.2

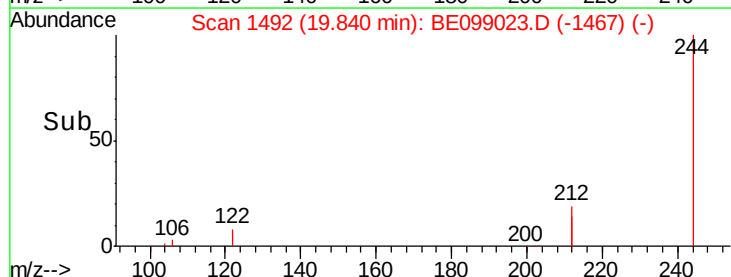
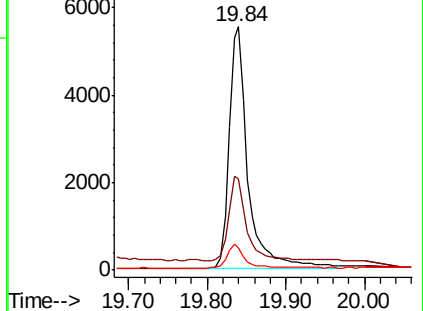
122 9.1 7.1 10.7

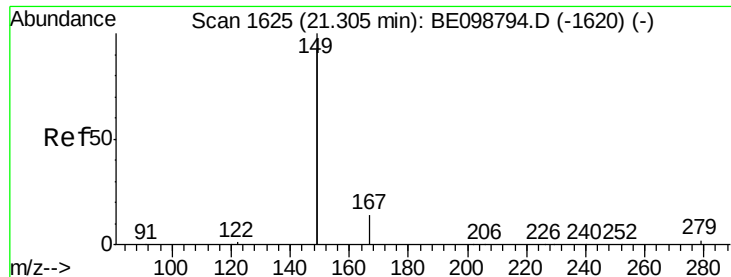


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.137 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099023.D

Acq: 19 Mar 2019 5:25

Instrument :

BNA_E

ClientSampleId :

M4-T4-OZ(POST-HYPO)

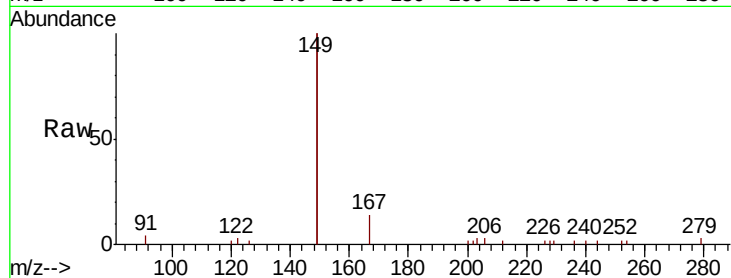
Tgt Ion:149 Resp: 5837

Ion Ratio Lower Upper

149 100

167 6.4 5.4 8.0

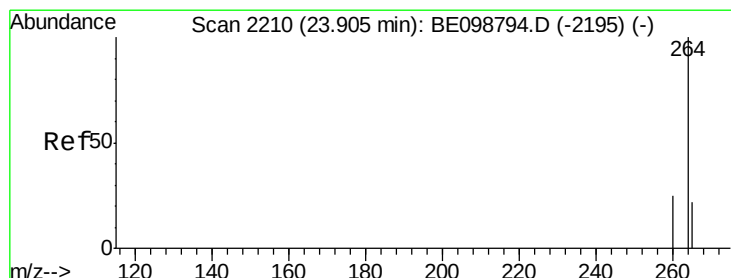
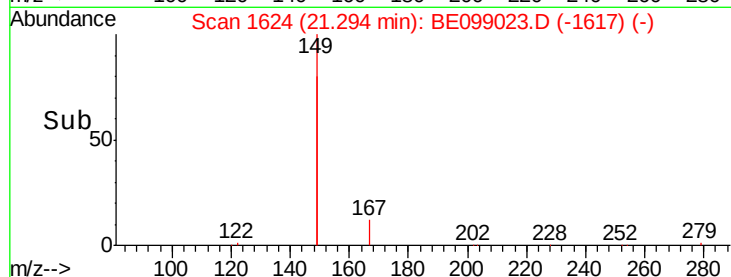
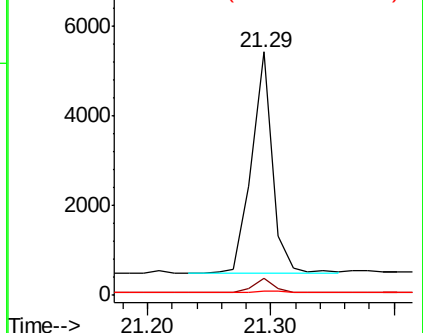
279 1.4 1.0 1.4



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# 2209

Delta R.T. -0.00 min

Lab File: BE099023.D

Acq: 19 Mar 2019 5:25

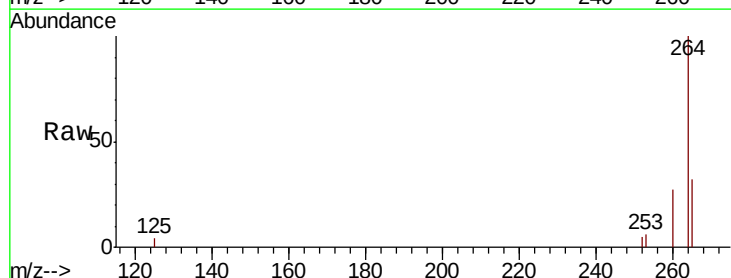
Tgt Ion:264 Resp: 5707

Ion Ratio Lower Upper

264 100

260 27.3 21.2 31.8

265 32.3 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

