

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031519\
 Data File : BE098990.D
 Acq On : 16 Mar 2019 6:08
 Operator : JU/SJ
 Sample : k1912-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 M3-T4-OZ(POST-HYPO)RE

Quant Time: Mar 18 02:05:28 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

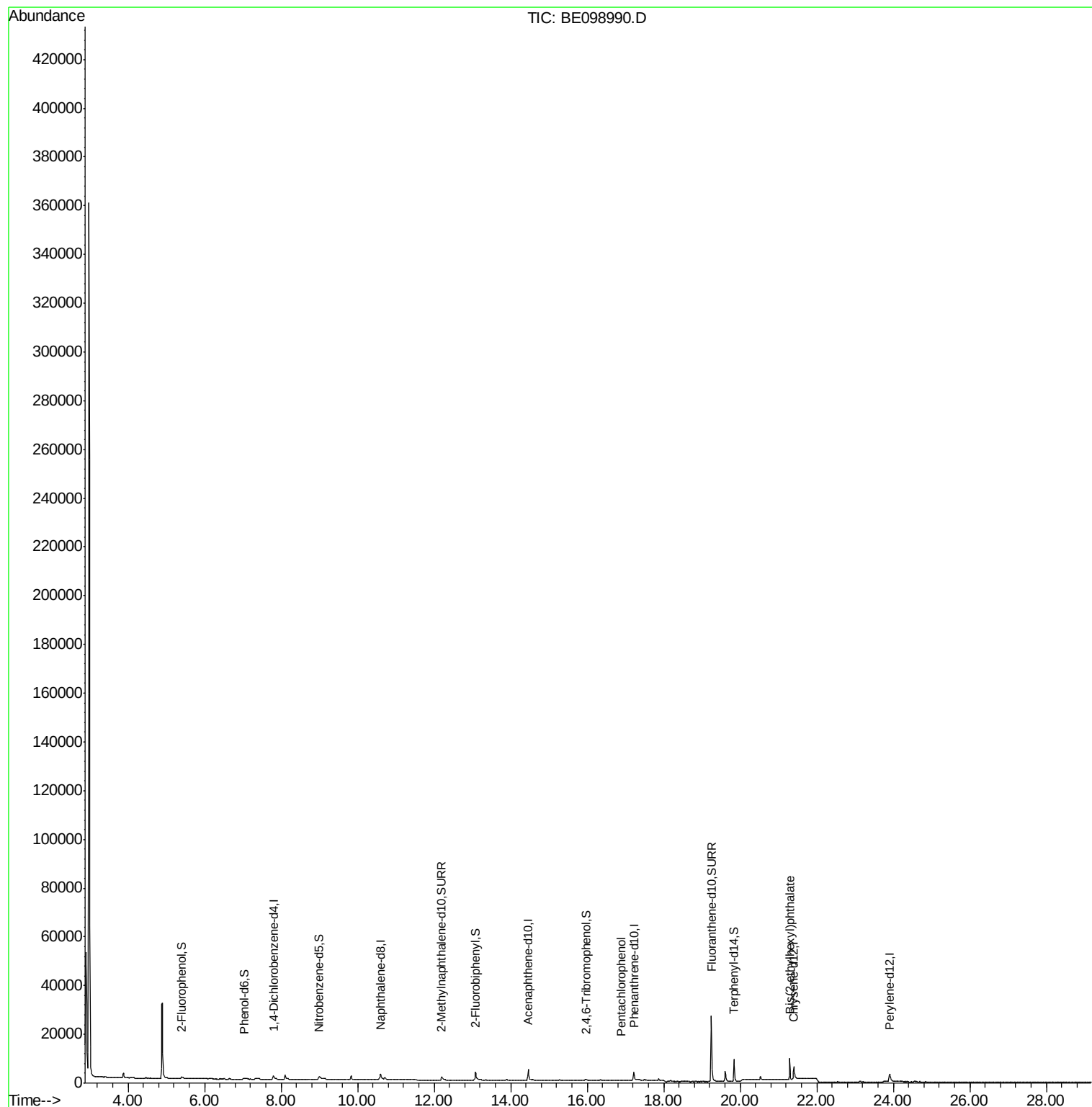
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	945	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	4091	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2973	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	6746	0.40	ng	0.00
27) Chrysene-d12	21.40	240	7885	0.40	ng	0.00
34) Perylene-d12	23.90	264	7100	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	867	0.31	ng	0.01
5) Phenol-d6	7.02	99	688	0.17	ng	0.04
8) Nitrobenzene-d5	8.99	82	1527	0.36	ng	0.03
11) 2-Methylnaphthalene-d10	12.19	152	3140	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	544	0.36	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	5562	0.45	ng	0.00
25) Fluoranthene-d10	19.24	212	44666	0.41	ng	0.00
29) Terphenyl-d14	19.84	244	9641	0.50	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.27	88	70	Below Cal		Qvalue # 68
22) Pentachlorophenol	16.89	266	4	0.267 ng		83
32) Bis(2-ethylhexyl)phthalate	21.29	149	8891	0.170 ng		100

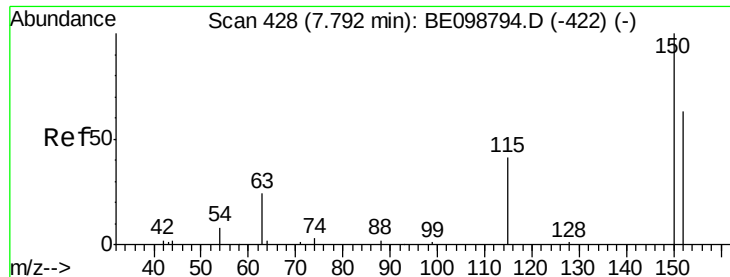
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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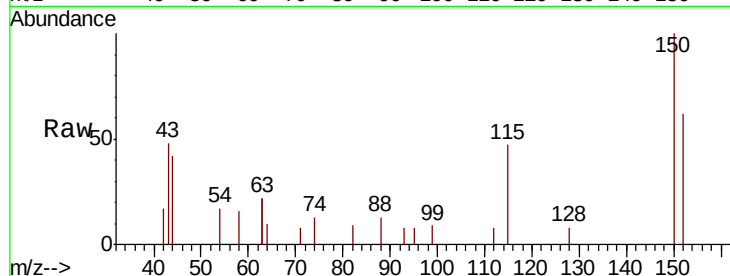


#1

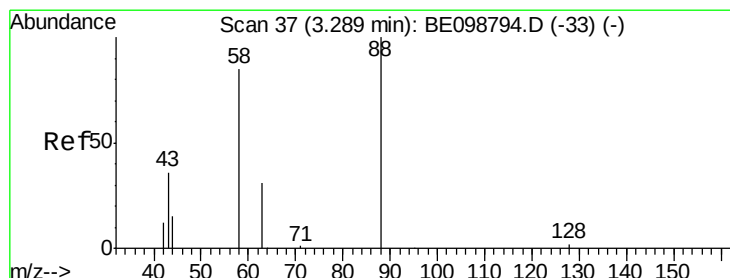
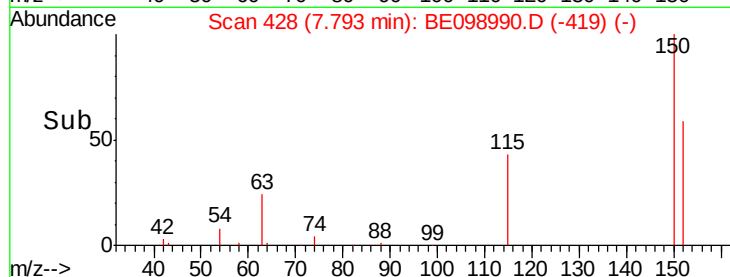
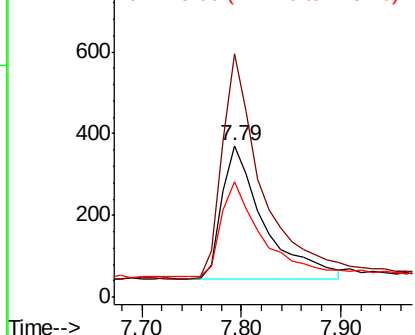
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098990.D
Acq: 16 Mar 2019 6:08

Instrument :
BNA_E
ClientSampleId :
M3-T4-OZ(POST-HYPO)RE

Tot Ion:152 Resp: 945
Ion Ratio Lower Upper
152 100
150 160.8 122.5 183.7
115 76.2 57.4 86.2



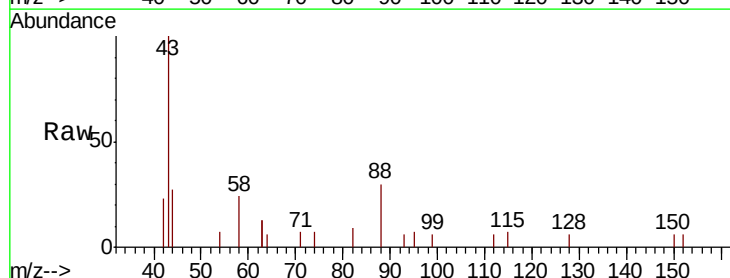
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



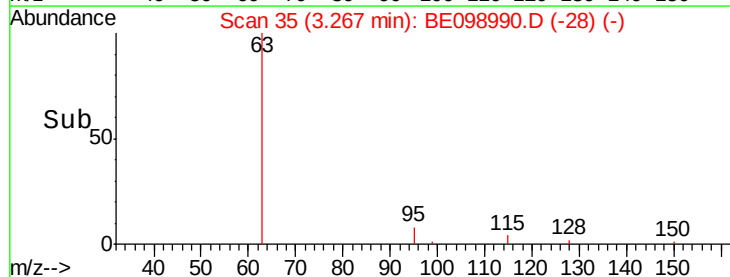
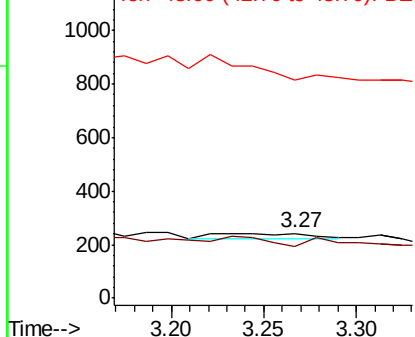
#2

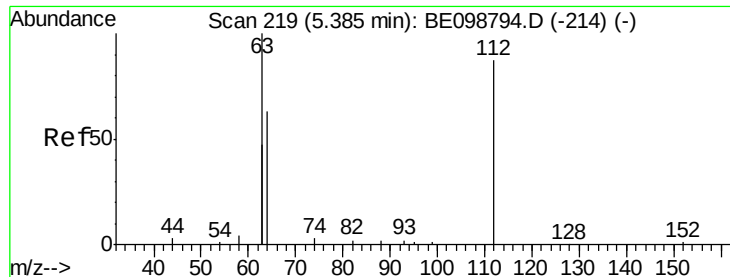
1,4-Dioxane
Concen: Below Cal
RT: 3.27 min Scan# 35
Delta R.T. -0.02 min
Lab File: BE098990.D
Acq: 16 Mar 2019 6:08

Tgt Ion: 88 Resp: 70
Ion Ratio Lower Upper
88 100
58 85.7 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: 0.307 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.01 min

Lab File: BE098990.D

Acq: 16 Mar 2019 6:08

Instrument :

BNA_E

ClientSampleId :

M3-T4-OZ(POST-HYPO)RE

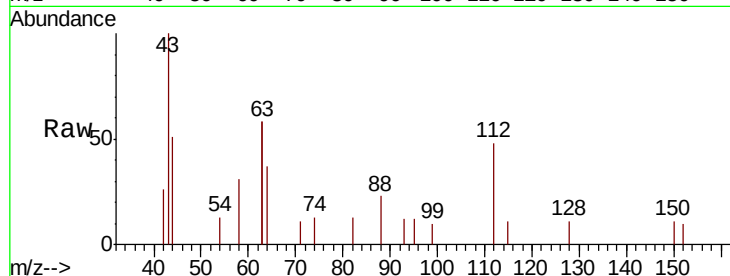
Tot Ion:112 Resp: 867

Ion Ratio Lower Upper

112 100

64 75.7 57.9 86.9

63 190.7 158.3 237.5



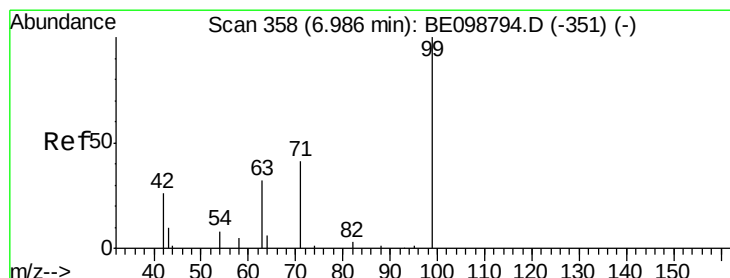
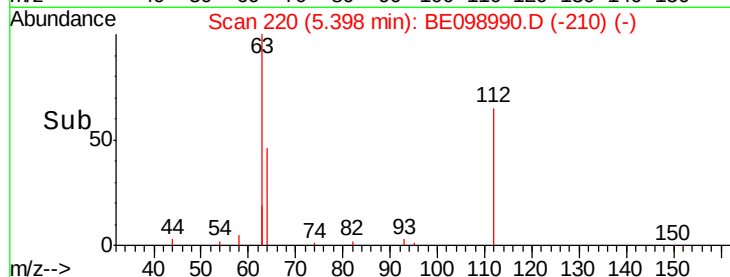
Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

5.40

Time-->



#5

Phenol-d6

Concen: 0.172 ng

RT: 7.02 min Scan# 361

Delta R.T. 0.04 min

Lab File: BE098990.D

Acq: 16 Mar 2019 6:08

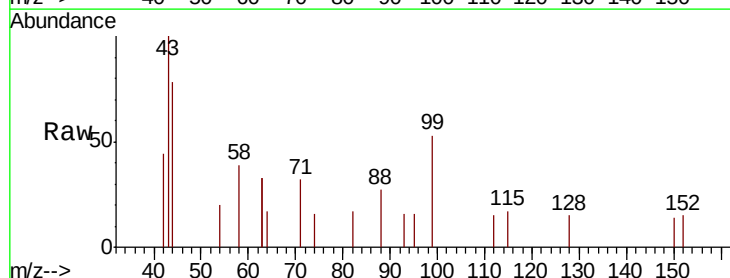
Tgt Ion: 99 Resp: 688

Ion Ratio Lower Upper

99 100

42 34.7 24.2 36.2

71 33.3 35.7 53.5#



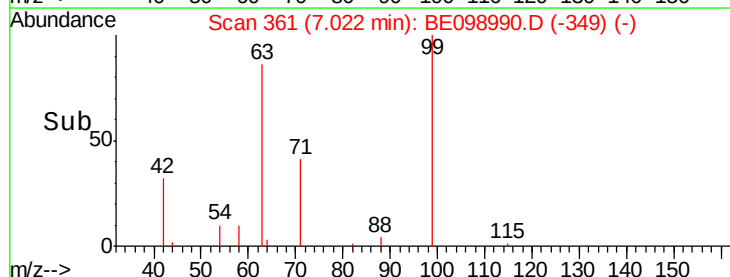
Abundance Ion 99.00 (98.70 to 99.70): BE0

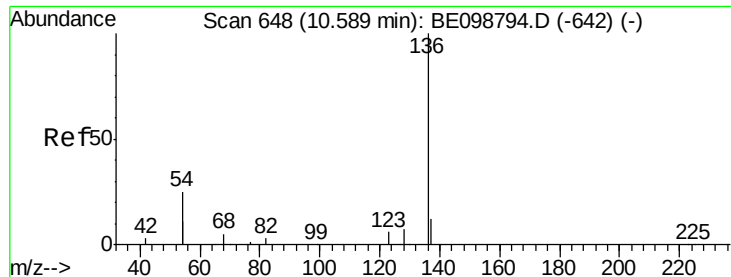
Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

7.02

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE098990.D

Acq: 16 Mar 2019 6:08

Instrument :

BNA_E

ClientSampleId :

M3-T4-OZ(POST-HYPO)RE

Tot Ion:136 Resp: 4091

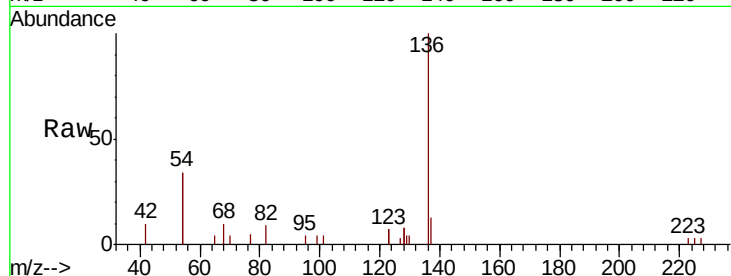
Ion Ratio Lower Upper

136 100

137 13.0 11.4 17.0

54 68.1 39.3 58.9#

68 9.8 6.7 10.1

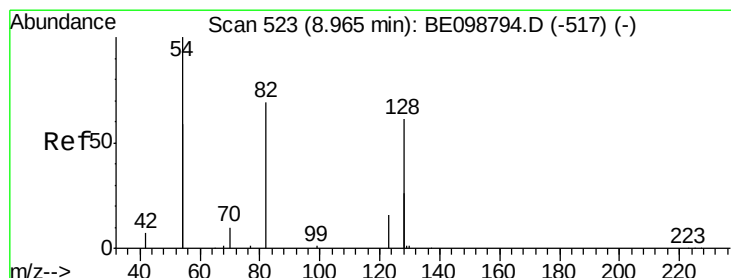
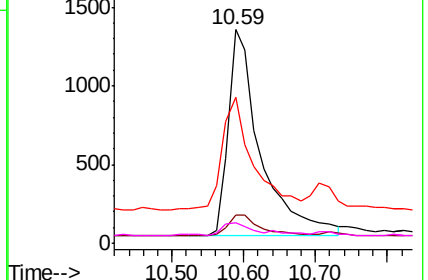
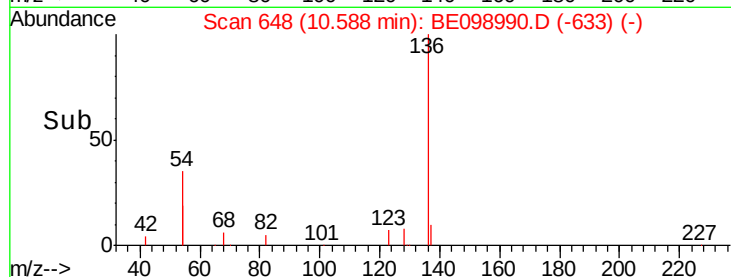


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.356 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.03 min

Lab File: BE098990.D

Acq: 16 Mar 2019 6:08

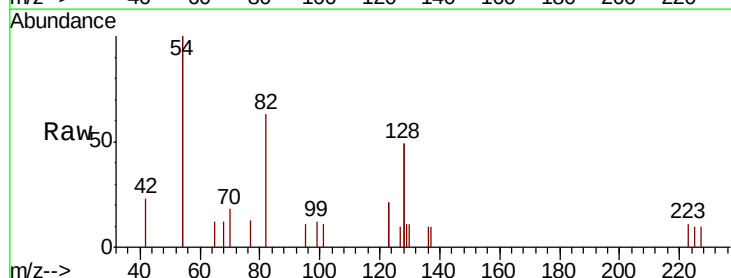
Tgt Ion: 82 Resp: 1527

Ion Ratio Lower Upper

82 100

128 157.6 123.8 185.8

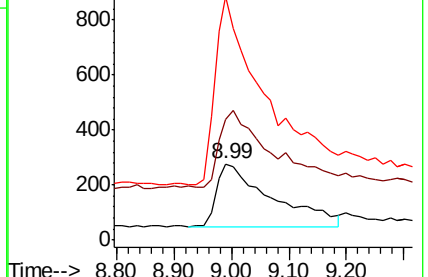
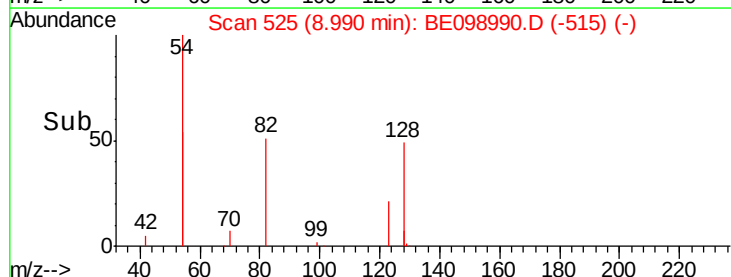
54 318.7 203.4 305.2#

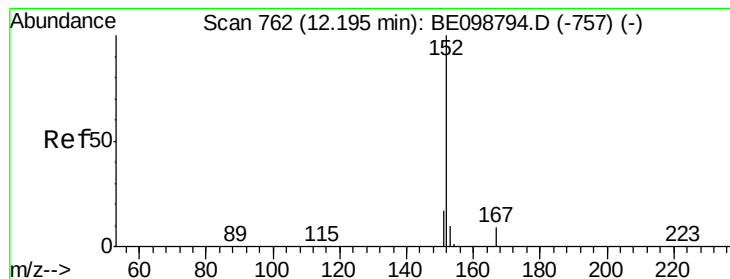


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.415 ng

RT: 12.19 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE098990.D

Acq: 16 Mar 2019 6:08

Instrument :

BNA_E

ClientSampleId :

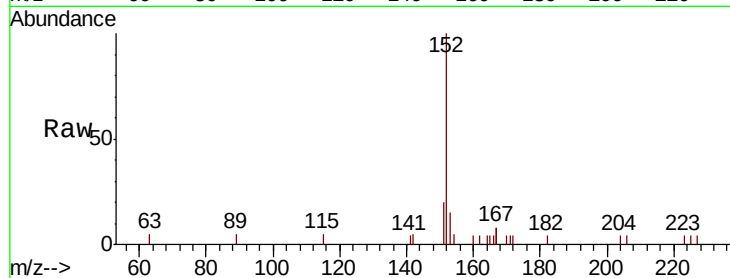
M3-T4-OZ(POST-HYPO)RE

Tot Ion:152 Resp: 3140

Ion Ratio Lower Upper

152 100

151 20.2 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.19

1000

800

600

400

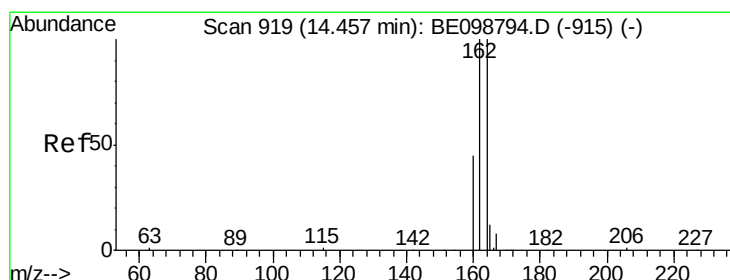
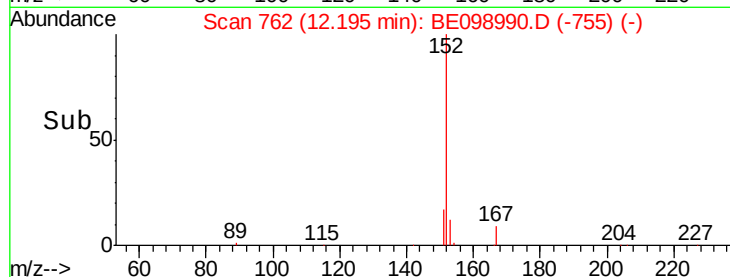
200

0

Time-->

12.20

12.40



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.00 min

Lab File: BE098990.D

Acq: 16 Mar 2019 6:08

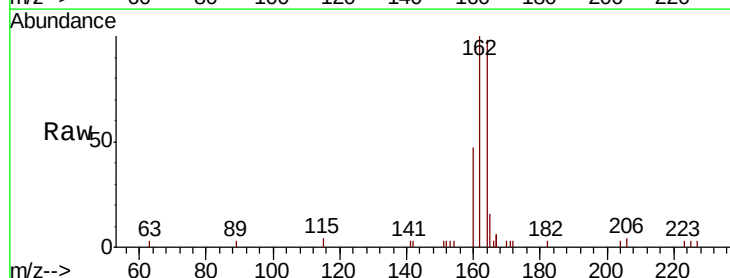
Tgt Ion:164 Resp: 2973

Ion Ratio Lower Upper

164 100

162 102.6 80.2 120.2

160 48.4 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

14.46

2000

1500

1000

500

0

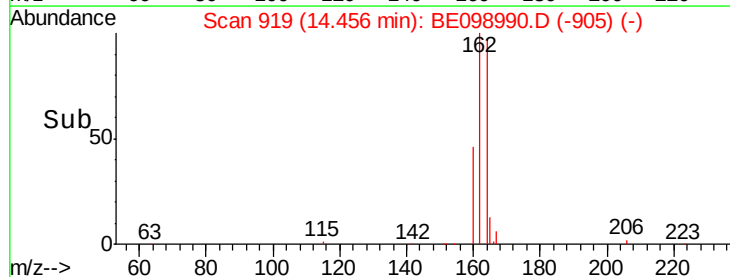
Time-->

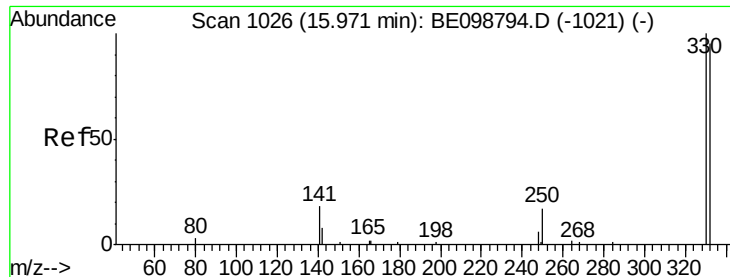
14.30

14.40

14.50

14.60

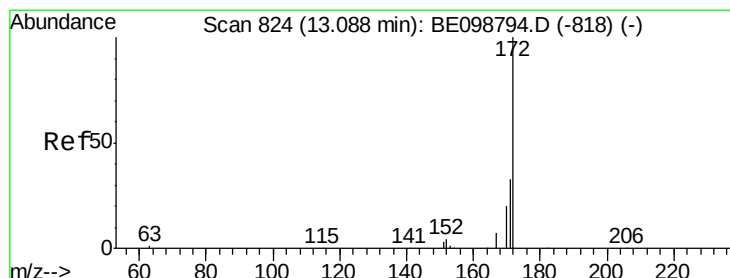
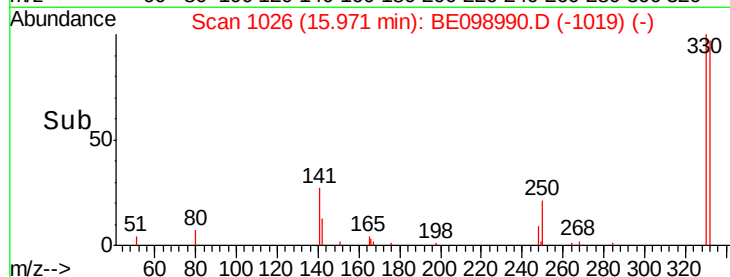
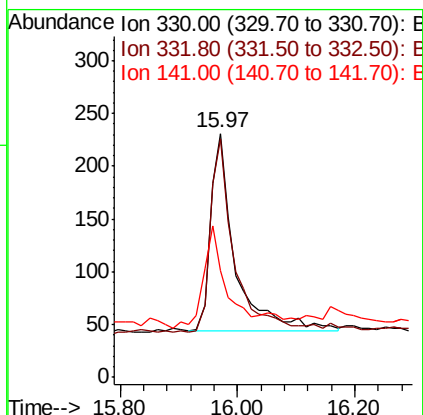
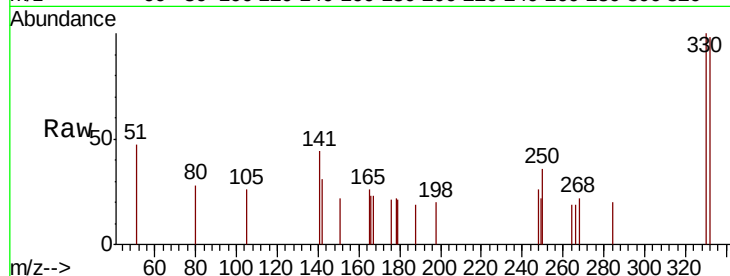




#14
 2,4,6-Tribromophenol
 Concen: 0.363 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE098990.D
 Acq: 16 Mar 2019 6:08

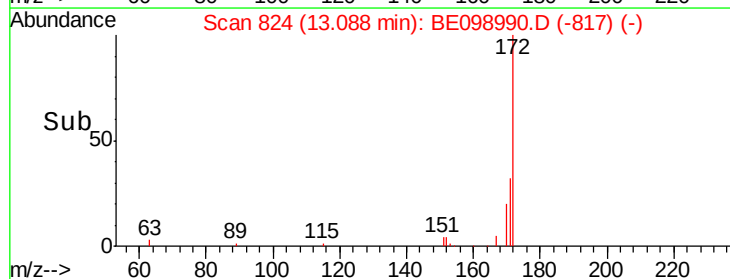
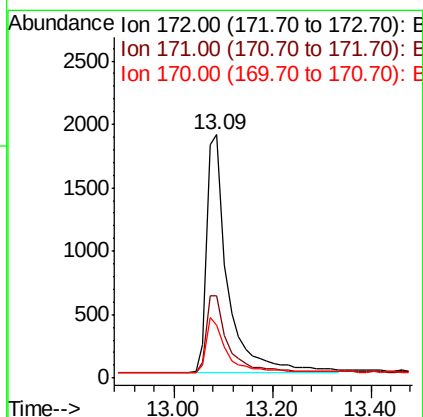
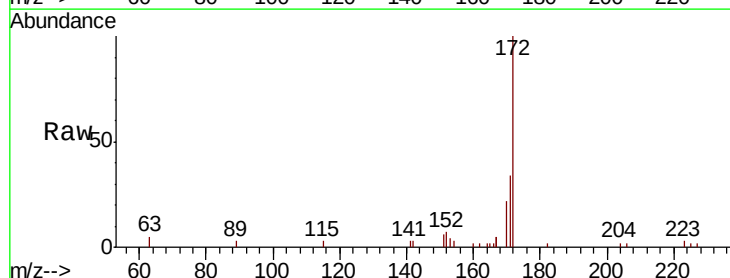
Instrument :
 BNA_E
 ClientSampleId :
 M3-T4-OZ(POST-HYPO)RE

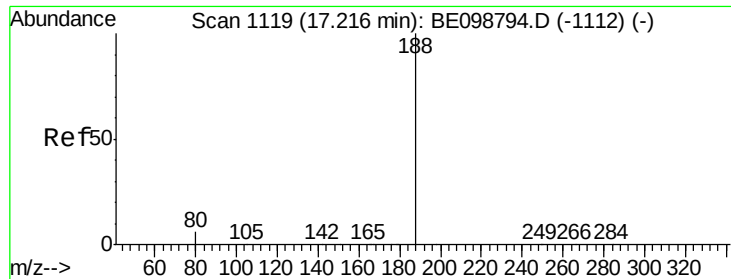
Tot Ion:330 Resp: 544
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.6 116.4
 141 42.1 31.0 46.4



#15
 2-Fluorobiphenyl
 Concen: 0.452 ng
 RT: 13.09 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BE098990.D
 Acq: 16 Mar 2019 6:08

Tgt Ion:172 Resp: 5562
 Ion Ratio Lower Upper
 172 100
 171 34.0 28.0 42.0
 170 21.8 17.7 26.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.22 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098990.D

Acq: 16 Mar 2019 6:08

Instrument :

BNA_E

ClientSampleId :

M3-T4-OZ(POST-HYPO)RE

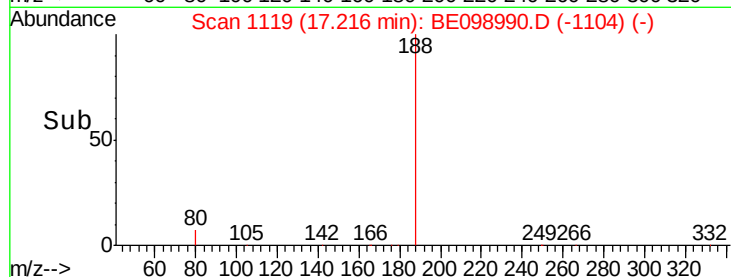
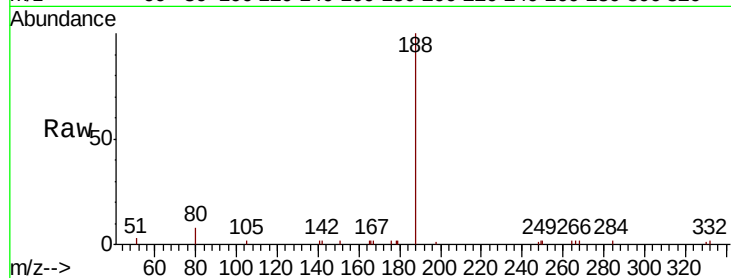
Tot Ion:188 Resp: 6746

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

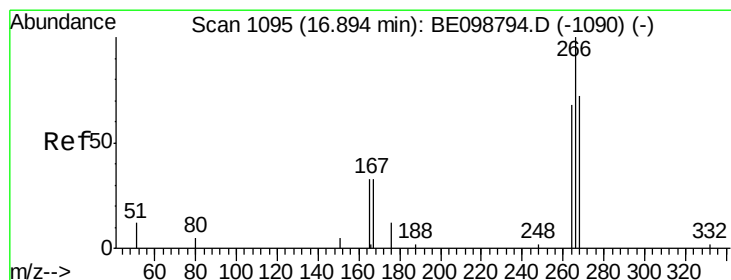
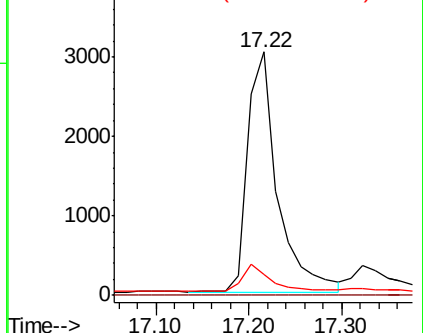
80 8.3 6.3 9.5



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: 0.267 ng

RT: 16.89 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BE098990.D

Acq: 16 Mar 2019 6:08

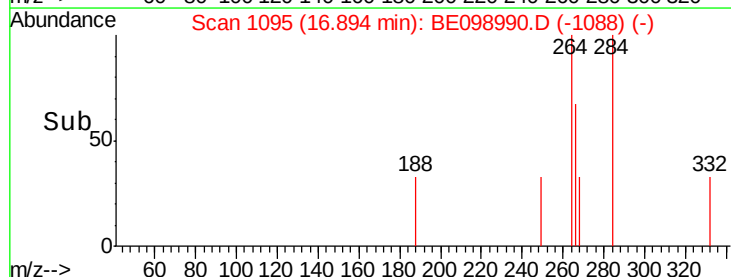
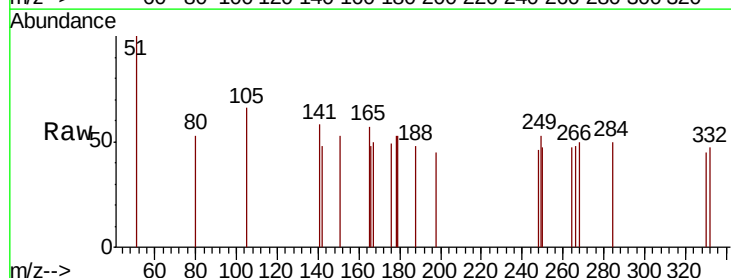
Tgt Ion:266 Resp: 4

Ion Ratio Lower Upper

266 100

264 97.9 66.6 100.0

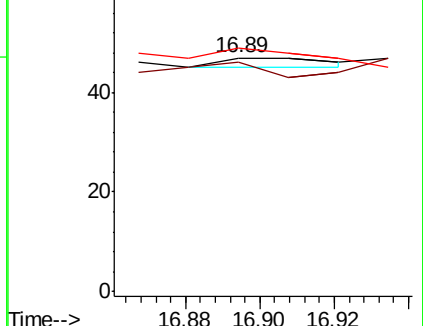
268 104.3 69.8 104.8

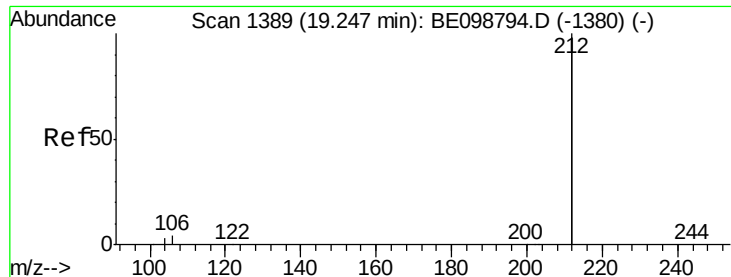


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.415 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE098990.D

Acq: 16 Mar 2019 6:08

Instrument :

BNA_E

ClientSampleId :

M3-T4-OZ(POST-HYPO)RE

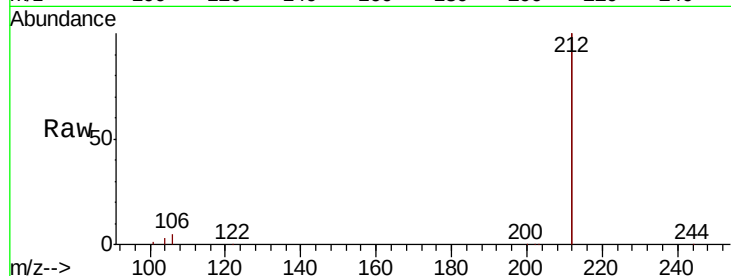
Tot Ion:212 Resp: 44666

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

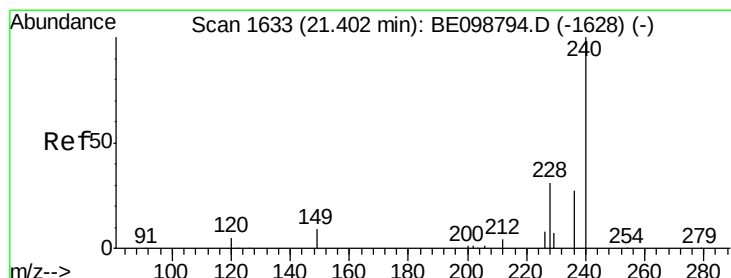
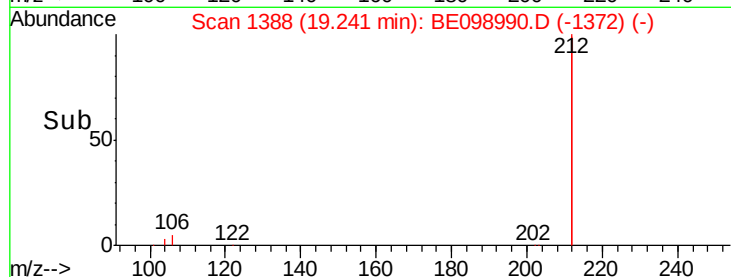
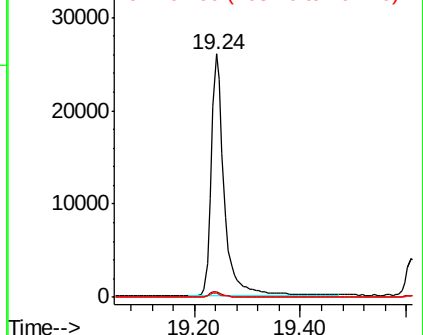
104 1.4 1.0 1.6



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: BE098990.D

Acq: 16 Mar 2019 6:08

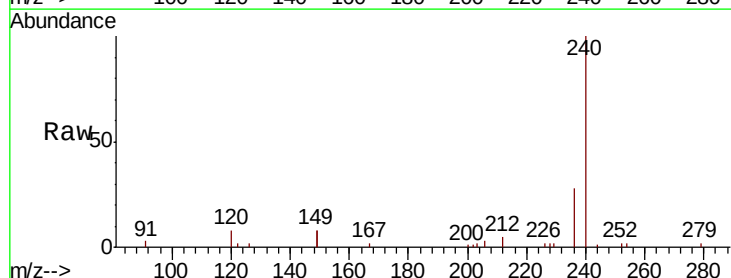
Tgt Ion:240 Resp: 7885

Ion Ratio Lower Upper

240 100

120 7.9 5.0 7.4#

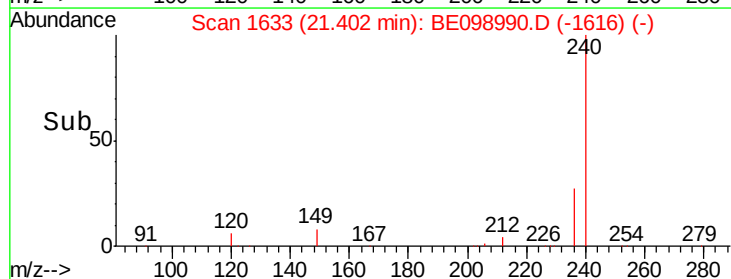
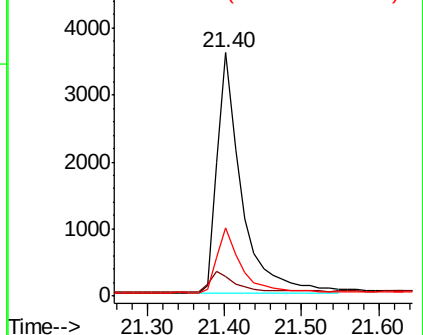
236 28.0 22.7 34.1

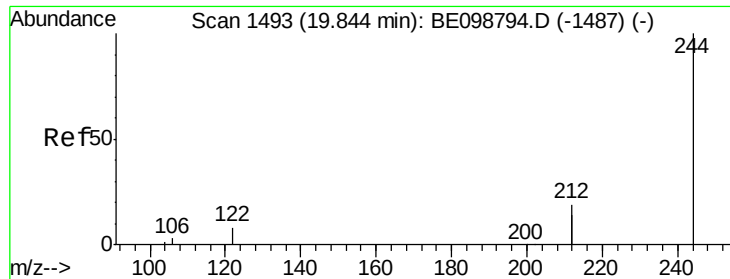


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.503 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE098990.D

Acq: 16 Mar 2019 6:08

Instrument :

BNA_E

ClientSampleId :

M3-T4-OZ(POST-HYPO)RE

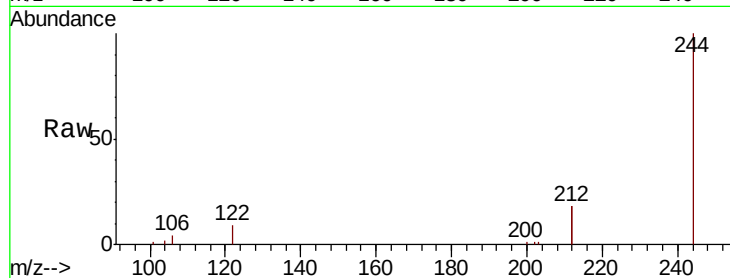
Tot Ion:244 Resp: 9641

Ion Ratio Lower Upper

244 100

212 35.4 29.4 44.2

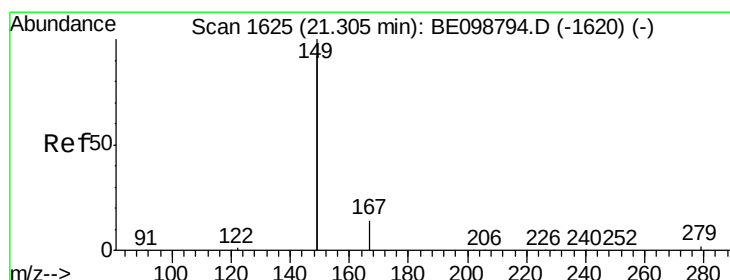
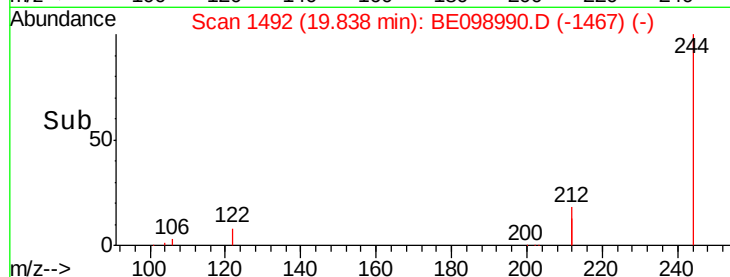
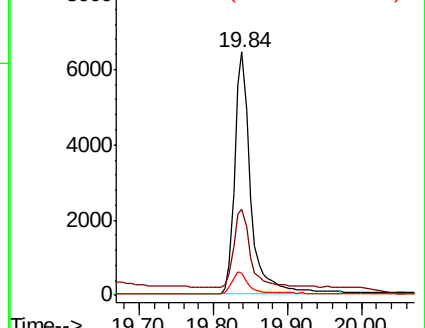
122 9.1 7.1 10.7



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: 0.170 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098990.D

Acq: 16 Mar 2019 6:08

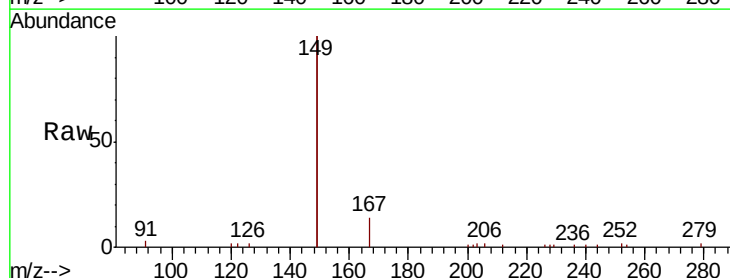
Tgt Ion:149 Resp: 8891

Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

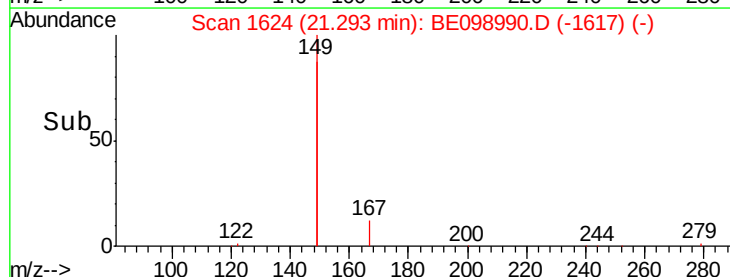
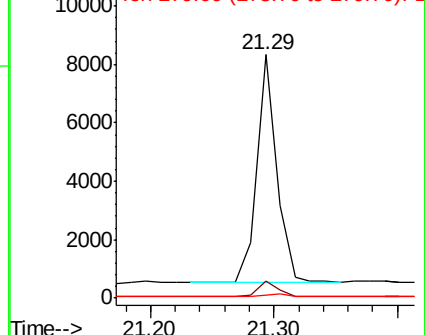
279 1.2 1.0 1.4

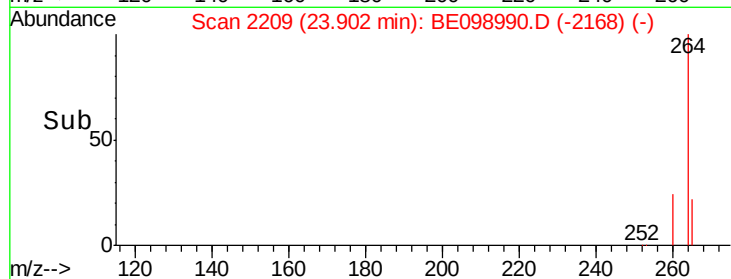
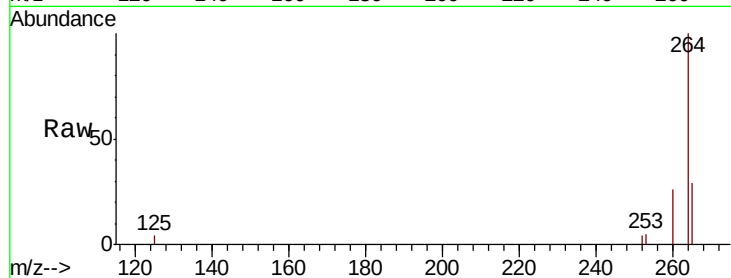
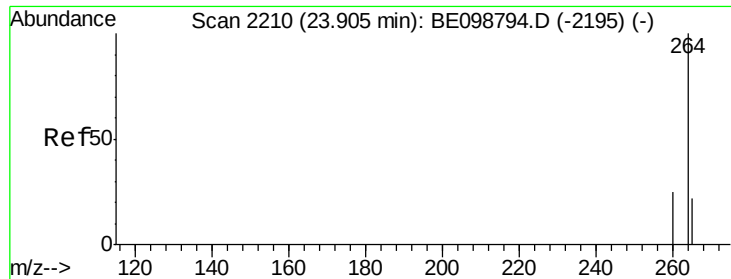


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.90 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: BE098990.D
 Acq: 16 Mar 2019 6:08

Instrument :
 BNA_E
 ClientSampleId :
 M3-T4-OZ(POST-HYPO)RE

Tot Ion:264 Resp: 7100
 Ion Ratio Lower Upper
 264 100
 260 25.7 21.2 31.8
 265 29.4 24.6 36.8

