

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031519\
 Data File : BE098988.D
 Acq On : 16 Mar 2019 3:42
 Operator : JU/SJ
 Sample : K1912-13
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 M3-T4-UV(POST-HYPO)

Quant Time: Mar 16 05:42:33 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	860	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3829	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2746	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6165	0.40	ng	0.00
27) Chrysene-d12	21.40	240	7199	0.40	ng	0.00
34) Perylene-d12	23.91	264	6664	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.40	112	685	0.27	ng	0.01
5) Phenol-d6	7.03	99	473	0.13	ng	0.05
8) Nitrobenzene-d5	9.00	82	1375	0.34	ng	0.04
11) 2-Methylnaphthalene-d10	12.20	152	2878	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	459	0.33	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4838	0.43	ng	0.00
25) Fluoranthene-d10	19.24	212	39816	0.40	ng	0.00
29) Terphenyl-d14	19.84	244	7855	0.45	ng	0.00

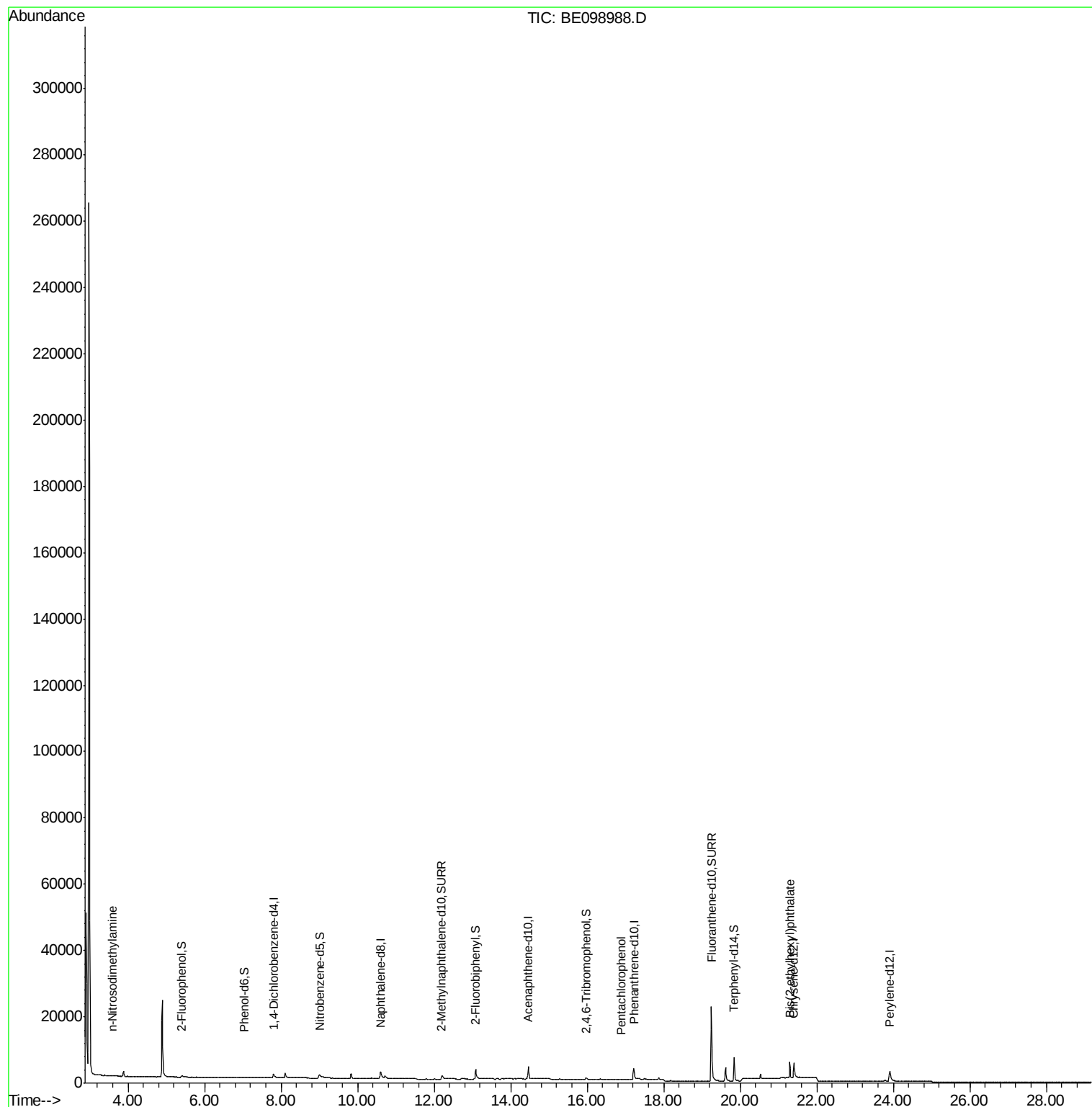
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.58	42	50	0.023	ng	# 33
22) Pentachlorophenol	16.89	266	5	0.268	ng	91
32) Bis(2-ethylhexyl)phthalate	21.29	149	5679	0.119	ng	# 99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.79 min Scan# 428

Delta R.T. 0.00 min

Lab File: BE098988.D

Acq: 16 Mar 2019 3:42

Instrument :

BNA_E

ClientSampleId :

M3-T4-UV(POST-HYPO)

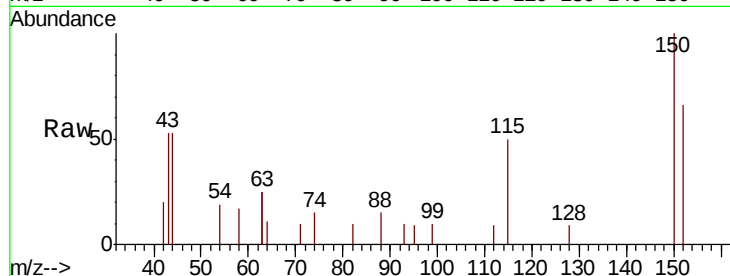
Tgt Ion:152 Resp: 860

Ion Ratio Lower Upper

152 100

150 152.4 122.5 183.7

115 76.5 57.4 86.2

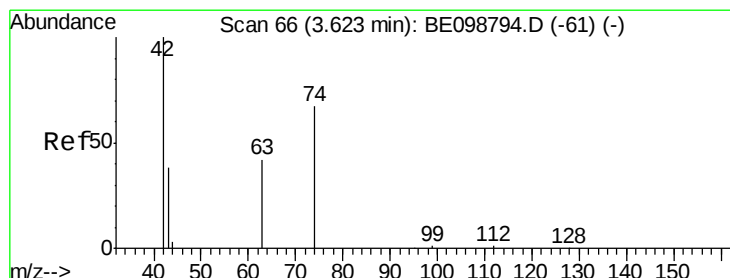
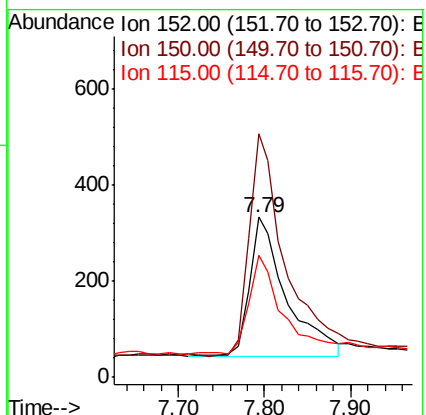
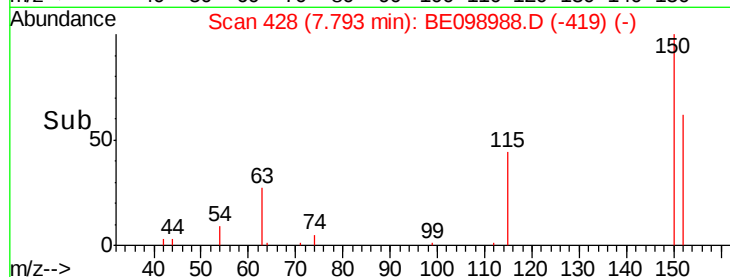


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

Time-->



#3

n-Nitrosodimethylamine

Concen: 0.023 ng

RT: 3.58 min Scan# 62

Delta R.T. -0.05 min

Lab File: BE098988.D

Acq: 16 Mar 2019 3:42

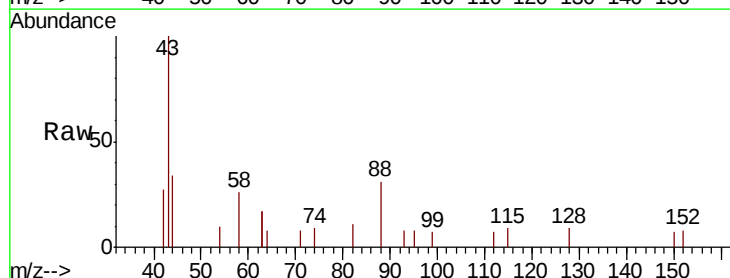
Tgt Ion: 42 Resp: 50

Ion Ratio Lower Upper

42 100

74 16.0 57.0 85.4#

44 0.0 0.0 0.0

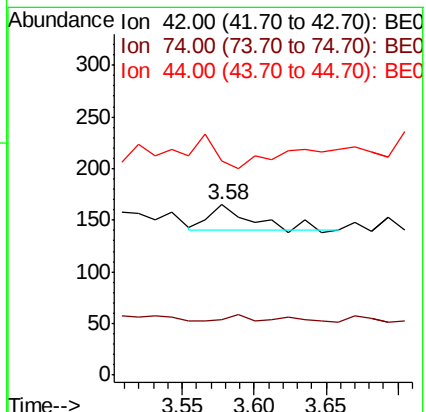
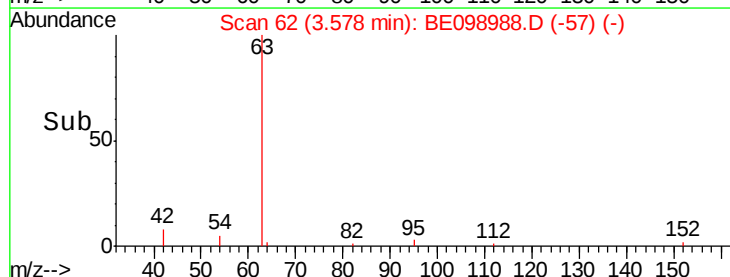


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0

Time-->





#4

2-Fluorophenol

Concen: 0.266 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.01 min

Lab File: BE098988.D

Acq: 16 Mar 2019 3:42

Instrument :

BNA_E

ClientSampleId :

M3-T4-UV(POST-HYPO)

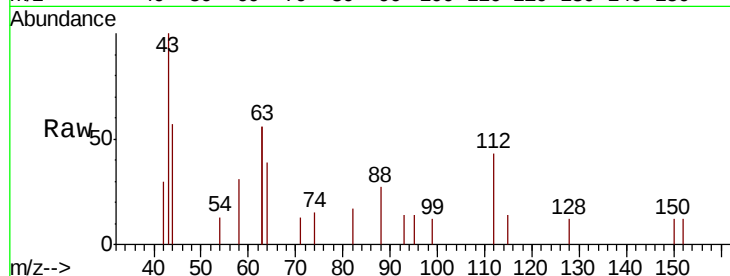
Tgt Ion: 112 Resp: 685

Ion Ratio Lower Upper

112 100

64 77.8 57.9 86.9

63 187.0 158.3 237.5



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

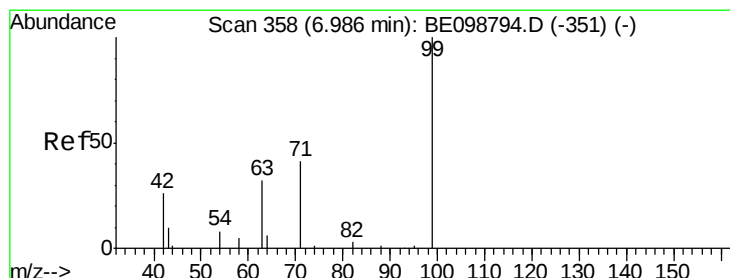
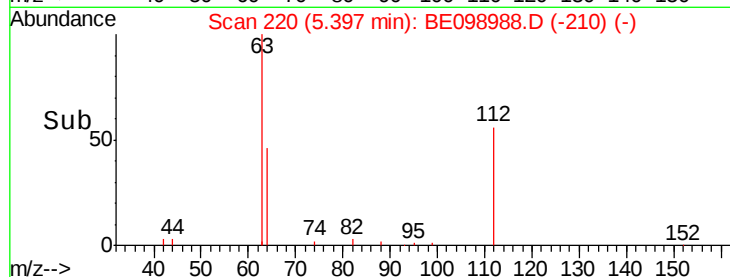
100

0

5.40

5.60

Time-->



#5

Phenol-d6

Concen: 0.130 ng

RT: 7.03 min Scan# 362

Delta R.T. 0.05 min

Lab File: BE098988.D

Acq: 16 Mar 2019 3:42

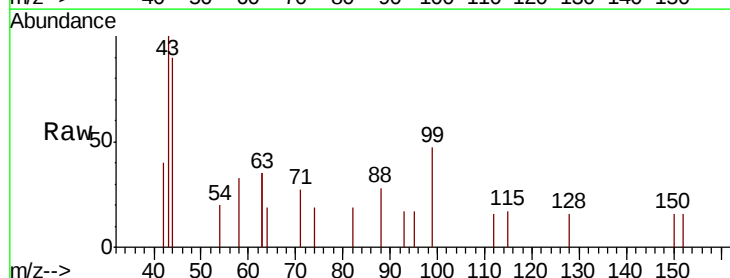
Tgt Ion: 99 Resp: 473

Ion Ratio Lower Upper

99 100

42 0.0 24.2 36.2#

71 41.0 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

150

100

50

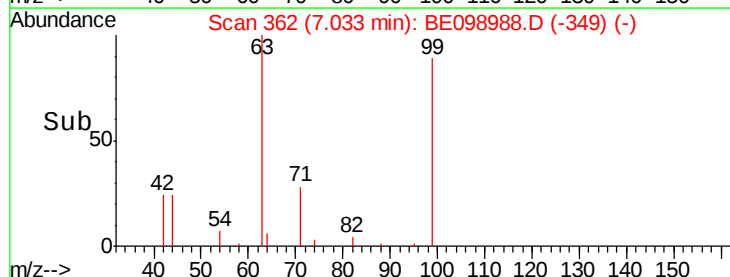
0

7.03

7.10

7.20

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE098988.D

Acq: 16 Mar 2019 3:42

Instrument :

BNA_E

ClientSampleId :

M3-T4-UV(POST-HYPO)

Tgt Ion: 136 Resp: 3829

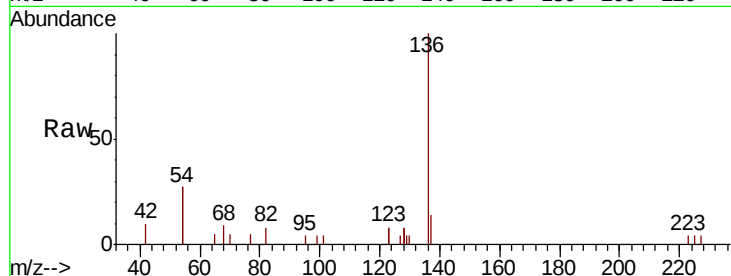
Ion Ratio Lower Upper

136 100

137 13.8 11.4 17.0

54 54.6 39.3 58.9

68 9.2 6.7 10.1

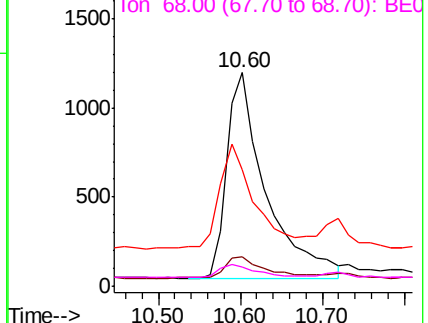
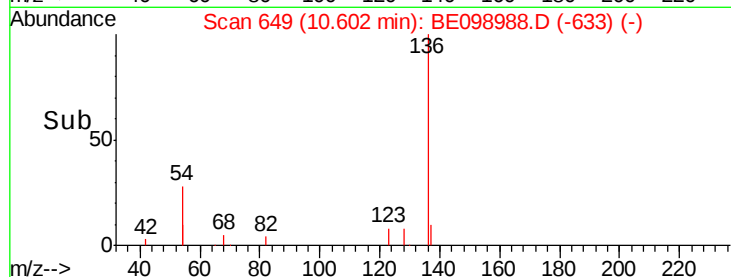


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.342 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.04 min

Lab File: BE098988.D

Acq: 16 Mar 2019 3:42

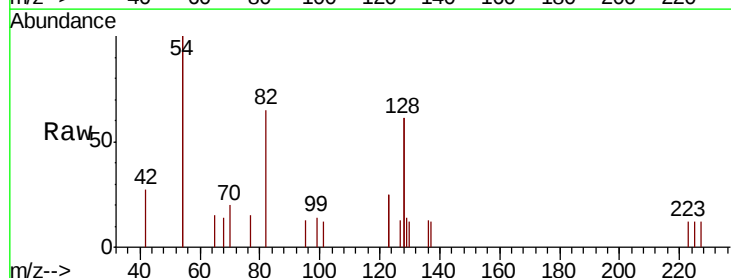
Tgt Ion: 82 Resp: 1375

Ion Ratio Lower Upper

82 100

128 185.3 123.8 185.8

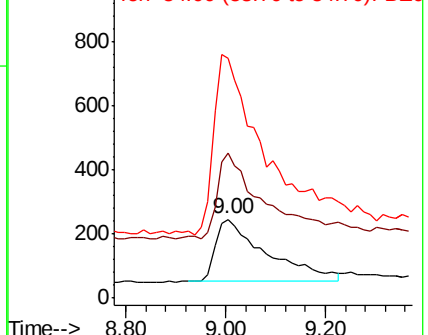
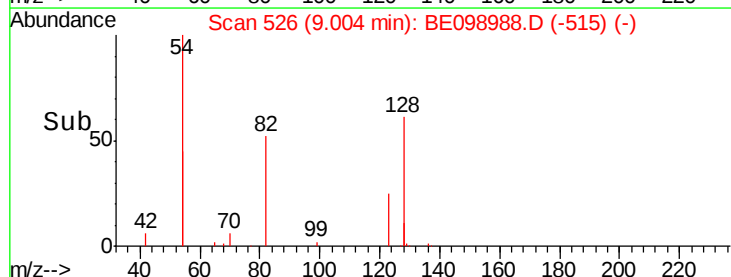
54 306.1 203.4 305.2#



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

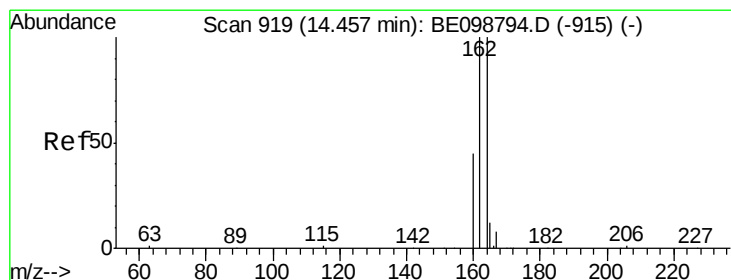
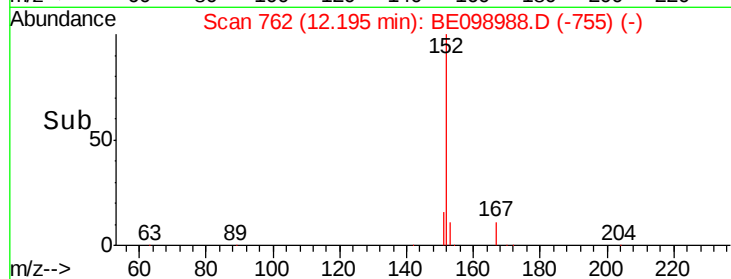
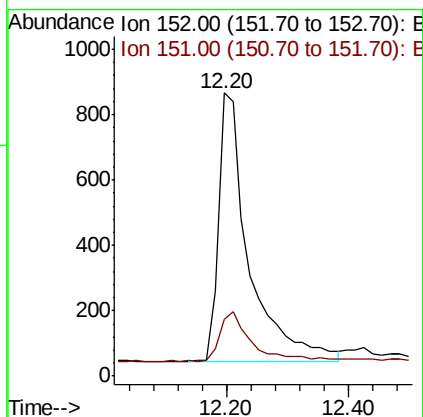
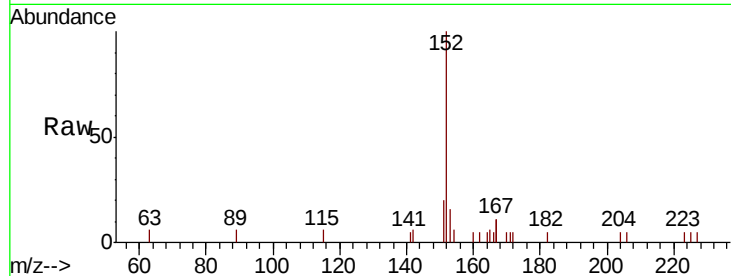




#11
 2-Methylnaphthalene-d10
 Concen: 0.407 ng
 RT: 12.20 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BE098988.D
 Acq: 16 Mar 2019 3:42

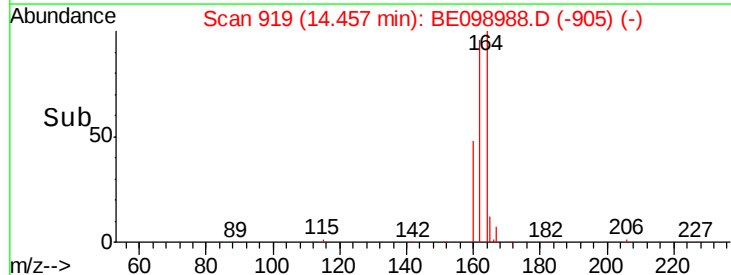
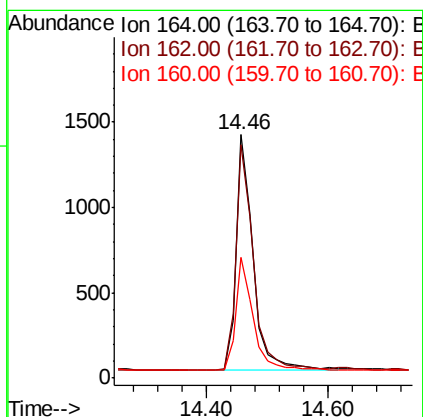
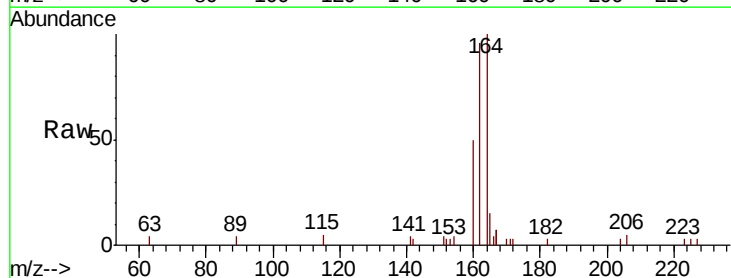
Instrument :
 BNA_E
 ClientSampleId :
 M3-T4-UV(POST-HYPO)

Tgt Ion:152 Resp: 2878
 Ion Ratio Lower Upper
 152 100
 151 19.4 16.5 24.7



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: BE098988.D
 Acq: 16 Mar 2019 3:42

Tgt Ion:164 Resp: 2746
 Ion Ratio Lower Upper
 164 100
 162 95.8 80.2 120.2
 160 49.8 37.8 56.8

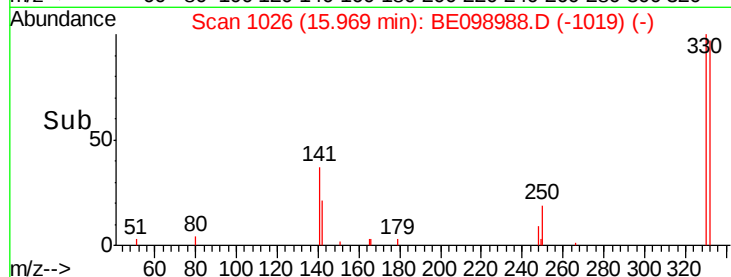
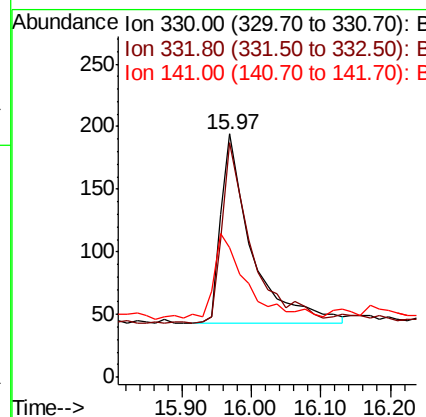
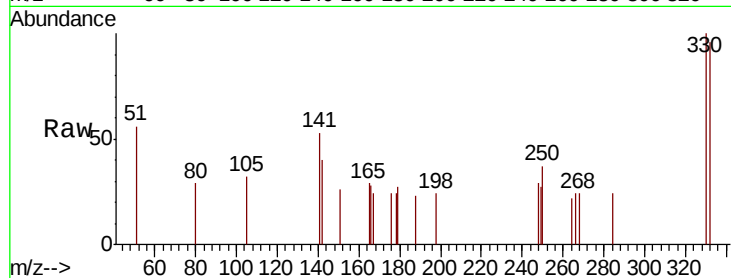




#14
 2,4,6-Tribromophenol
 Concen: 0.331 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE098988.D
 Acq: 16 Mar 2019 3:42

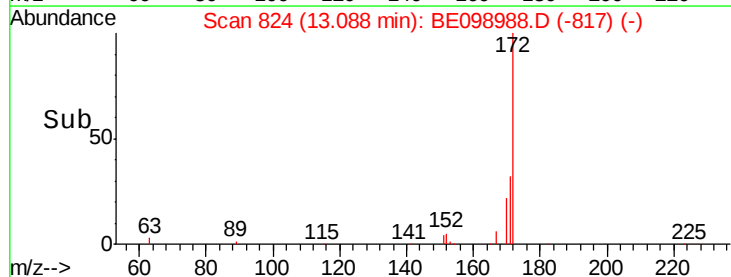
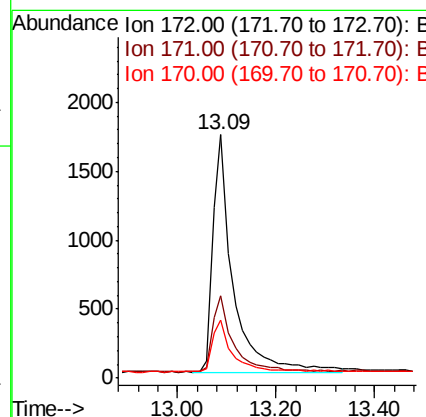
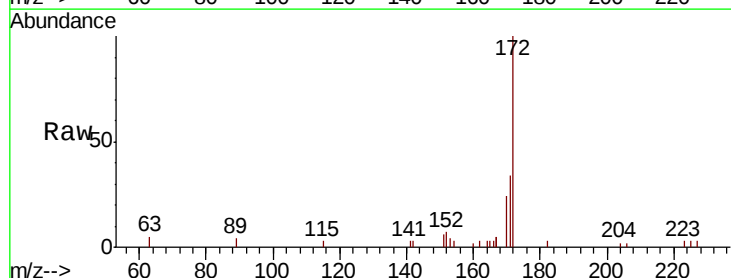
Instrument :
 BNA_E
 ClientSampleId :
 M3-T4-UV(POST-HYPO)

Tgt Ion:330 Resp: 459
 Ion Ratio Lower Upper
 330 100
 332 93.0 77.6 116.4
 141 46.6 31.0 46.4#



#15
 2-Fluorobiphenyl
 Concen: 0.426 ng
 RT: 13.09 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BE098988.D
 Acq: 16 Mar 2019 3:42

Tgt Ion:172 Resp: 4838
 Ion Ratio Lower Upper
 172 100
 171 34.0 28.0 42.0
 170 23.6 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: BE098988.D

Acq: 16 Mar 2019 3:42

Instrument :

BNA_E

ClientSampleId :

M3-T4-UV(POST-HYPO)

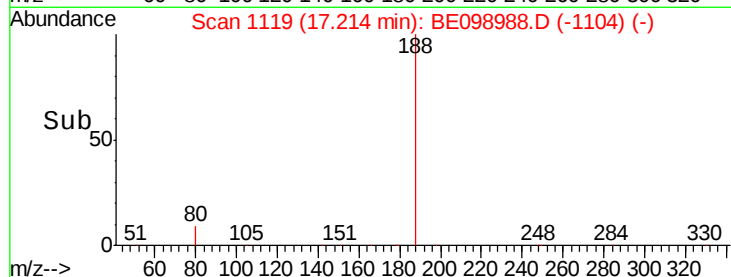
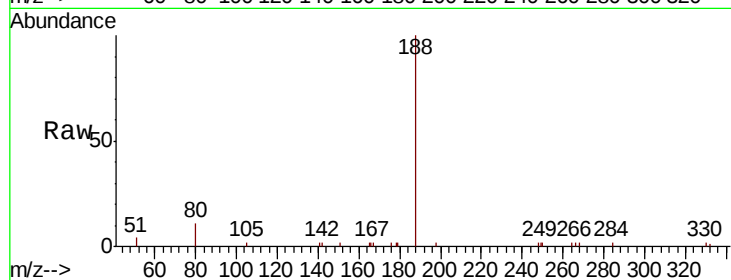
Tgt Ion:188 Resp: 6165

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

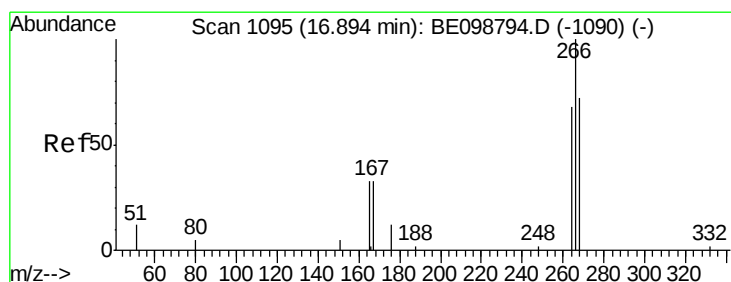
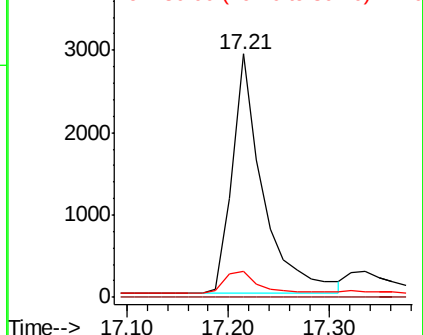
80 10.7 6.3 9.5#



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: 0.268 ng

RT: 16.89 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BE098988.D

Acq: 16 Mar 2019 3:42

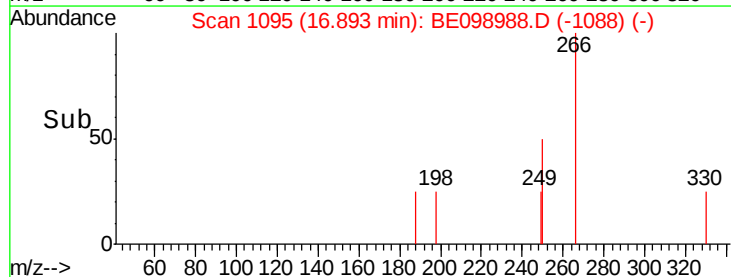
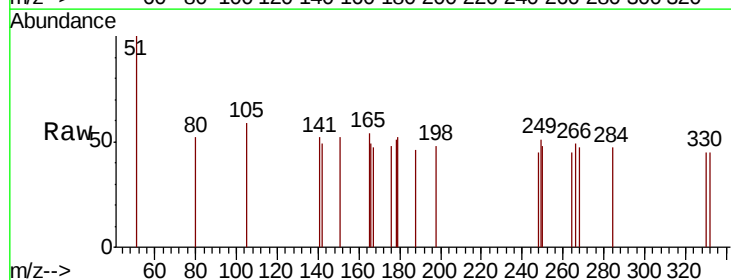
Tgt Ion:266 Resp: 5

Ion Ratio Lower Upper

266 100

264 91.7 66.6 100.0

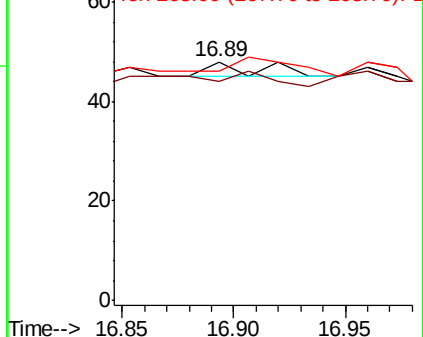
268 95.8 69.8 104.8



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: 0.405 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE098988.D

Acq: 16 Mar 2019 3:42

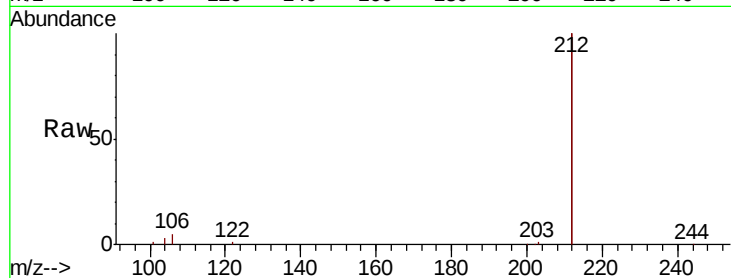
Instrument :

BNA_E

ClientSampleId :

M3-T4-UV(POST-HYPO)

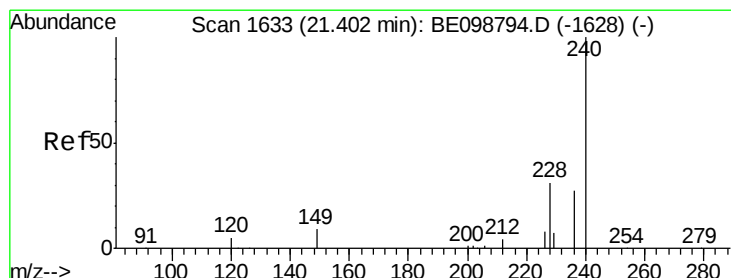
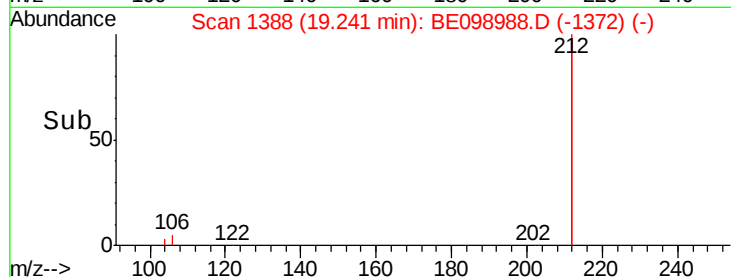
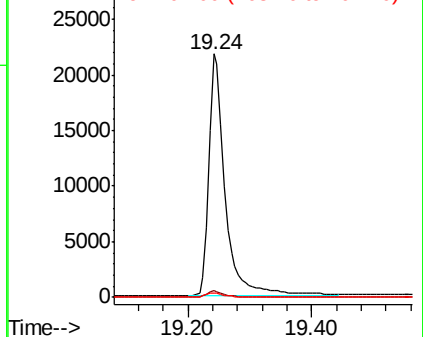
Tgt Ion:	212	Resp:	39816
Ion	Ratio	Lower	Upper
212	100		
106	2.3	1.8	2.8
104	1.4	1.0	1.6



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

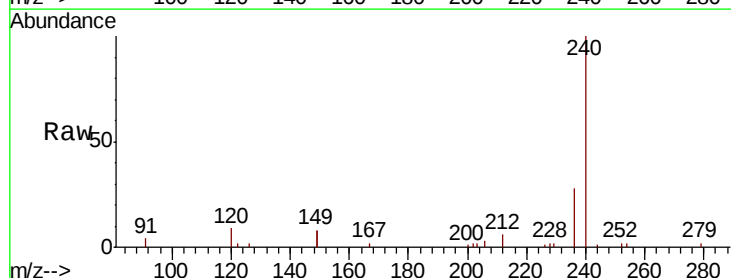
RT: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE098988.D

Acq: 16 Mar 2019 3:42

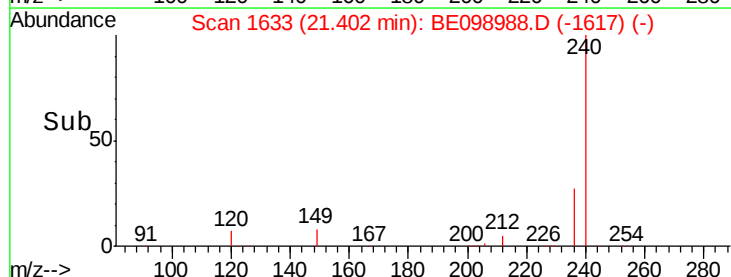
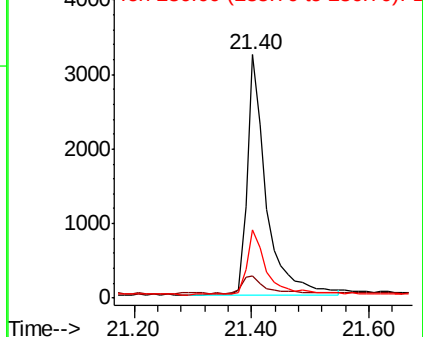
Tgt Ion:	240	Resp:	7199
Ion	Ratio	Lower	Upper
240	100		
120	8.9	5.0	7.4#
236	27.9	22.7	34.1



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: 0.449 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE098988.D

Acq: 16 Mar 2019 3:42

Instrument :

BNA_E

ClientSampleId :

M3-T4-UV(POST-HYPO)

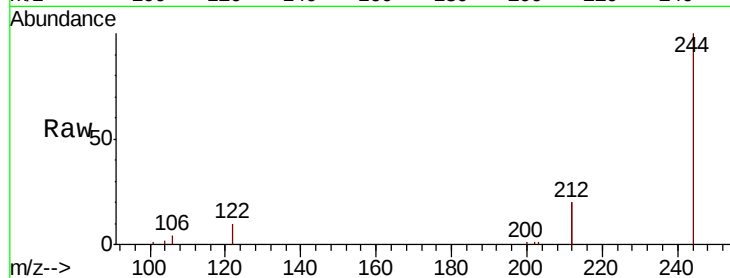
Tgt Ion:244 Resp: 7855

Ion Ratio Lower Upper

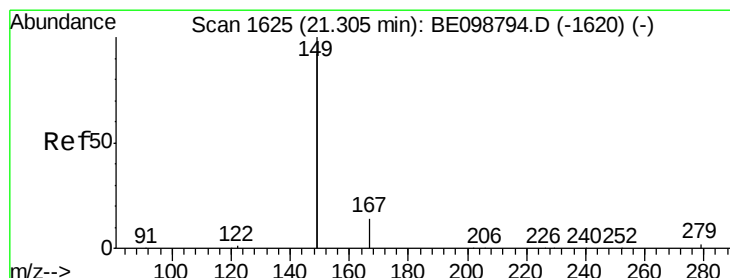
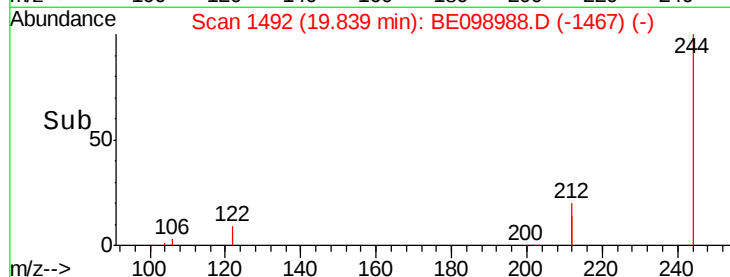
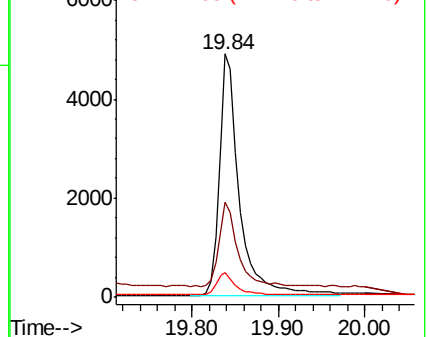
244 100

212 39.2 29.4 44.2

122 10.1 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: 0.119 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098988.D

Acq: 16 Mar 2019 3:42

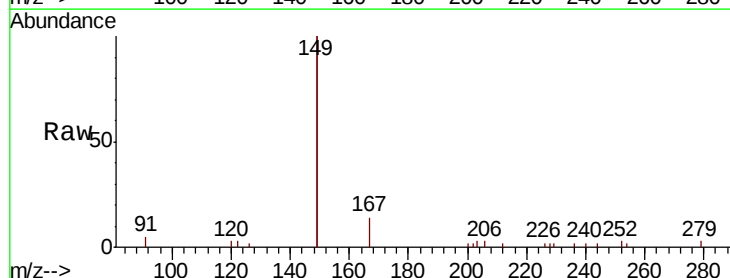
Tgt Ion:149 Resp: 5679

Ion Ratio Lower Upper

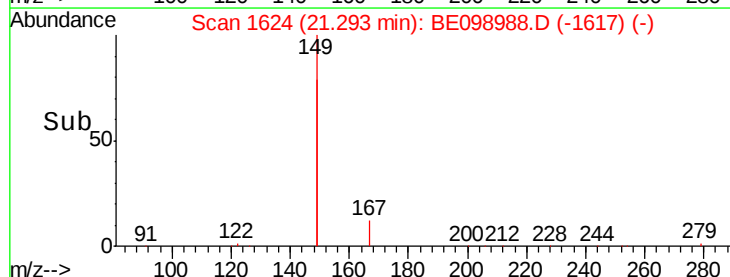
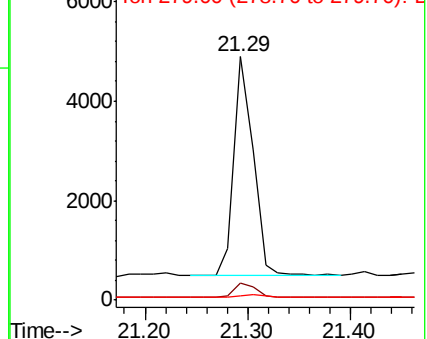
149 100

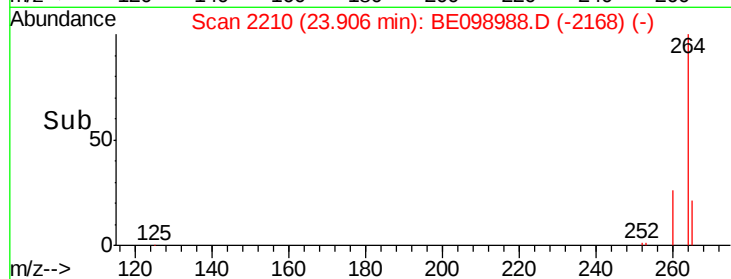
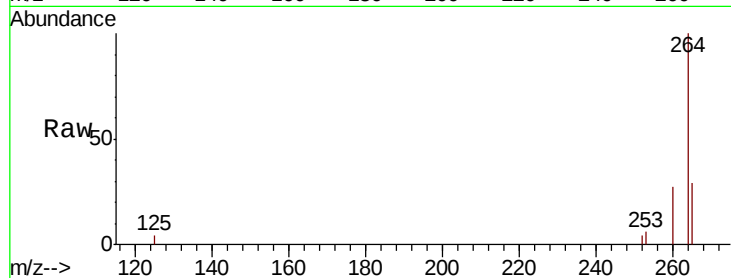
167 6.8 5.4 8.0

279 1.6 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: 23.91 min Scan# 2210

Delta R.T. 0.00 min

Lab File: BE098988.D

Acq: 16 Mar 2019 3:42

Instrument :

BNA_E

ClientSampleId :

M3-T4-UV(POST-HYPO)

Tgt Ion: 264 Resp: 6664

Ion Ratio Lower Upper

264 100

260 26.8 21.2 31.8

265 28.5 24.6 36.8

