

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031319\
 Data File : BE098918.D
 Acq On : 13 Mar 2019 19:03
 Operator : JU/SJ
 Sample : K1856-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 14 06:56:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 06 15:33:24 2019
 Response via : Initial Calibration

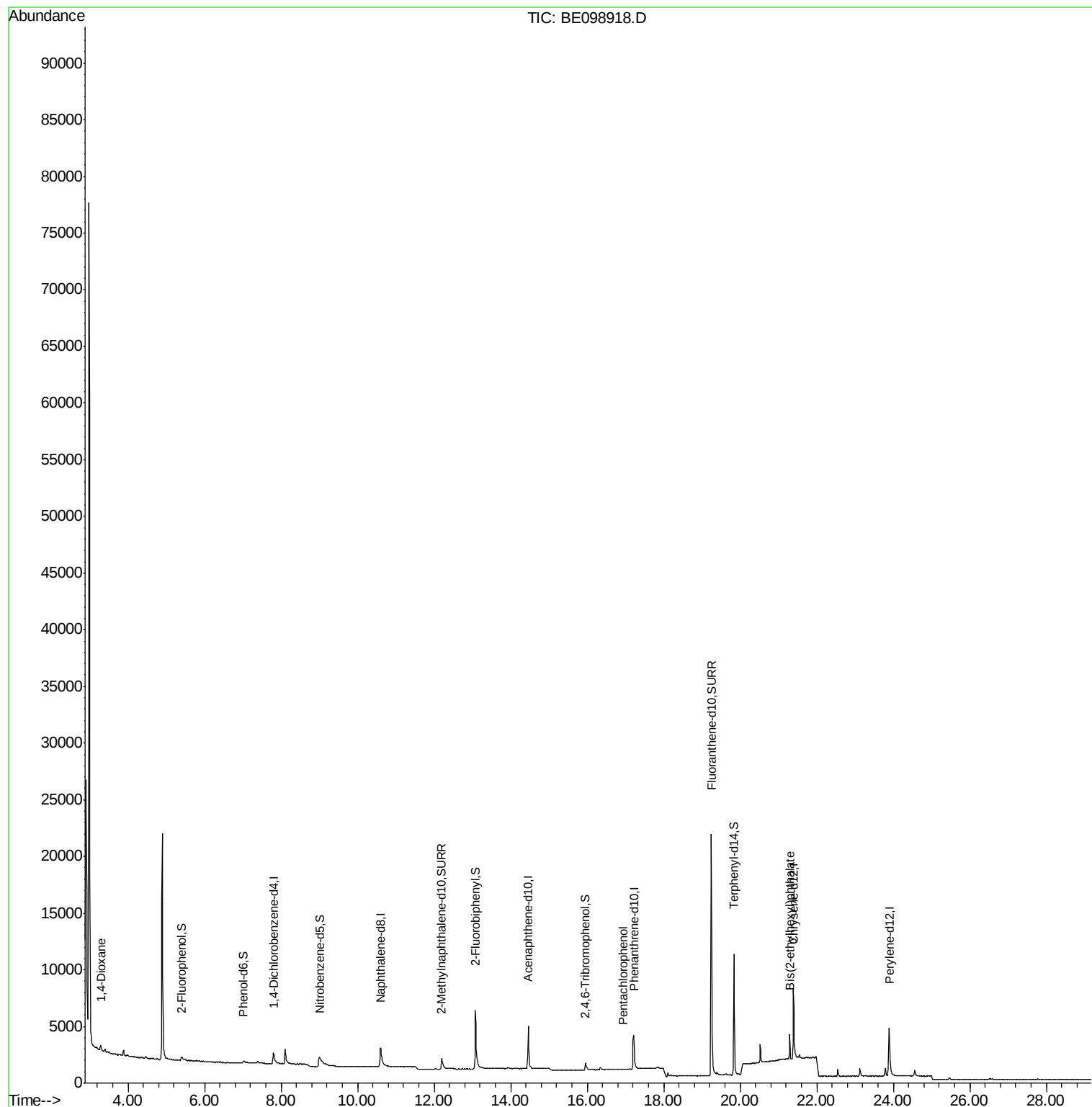
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	801	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3593	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2635	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	6605	0.40	ng	0.00
27) Chrysene-d12	21.39	240	7863	0.40	ng	-0.01
34) Perylene-d12	23.90	264	7694	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	350	0.15	ng	0.01
5) Phenol-d6	7.01	99	212	0.06	ng	0.03
8) Nitrobenzene-d5	9.00	82	1256	0.33	ng	0.04
11) 2-Methylnaphthalene-d10	12.19	152	2274	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	553	0.42	ng	-0.01
15) 2-Fluorobiphenyl	13.07	172	7891	0.72	ng	-0.01
25) Fluoranthene-d10	19.24	212	34709	0.33	ng	0.00
29) Terphenyl-d14	19.83	244	10719	0.56	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.29	88	332	0.165	ng	Qvalue # 57
22) Pentachlorophenol	16.93	266	10	0.271	ng	# 92
32) Bis(2-ethylhexyl)phthalate	21.29	149	2487	0.048	ng	# 95

(#) = 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: BE098918.D

Acq: 13 Mar 2019 19:03

Instrument :

BNA_E

ClientSampleId :

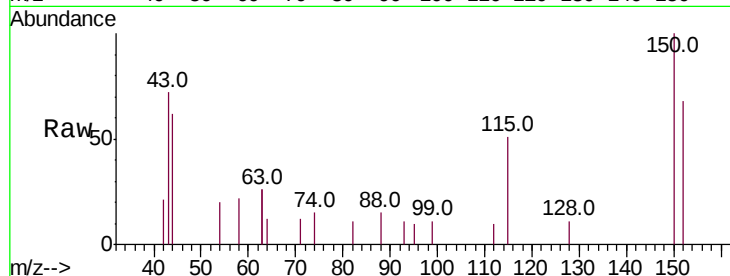
Tot Ion:152 Resp: 801

Ion Ratio Lower Upper

152 100

150 147.1 122.5 183.7

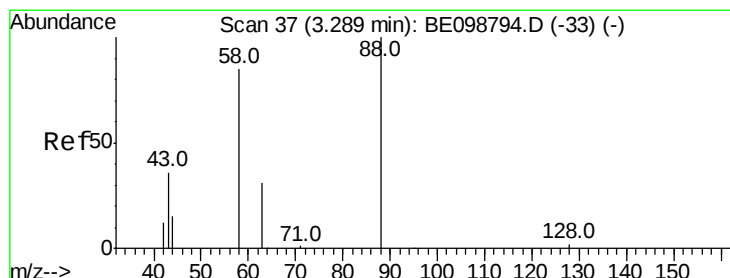
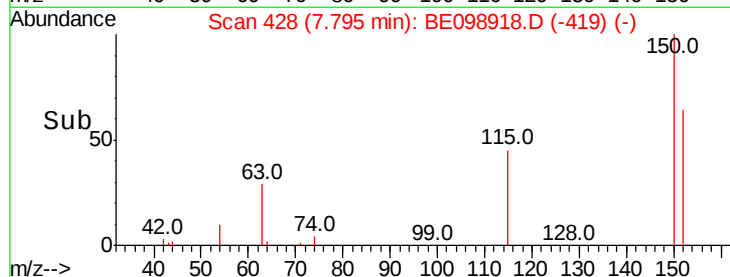
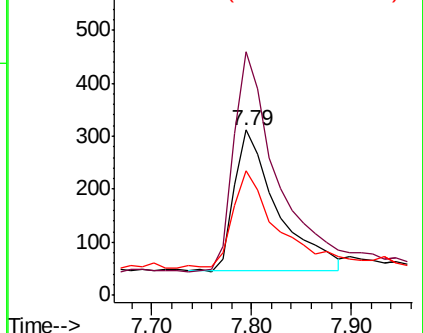
115 75.6 57.4 86.2



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: 0.165 ng

RT: 3.29 min Scan# 37

Delta R.T. 0.00 min

Lab File: BE098918.D

Acq: 13 Mar 2019 19:03

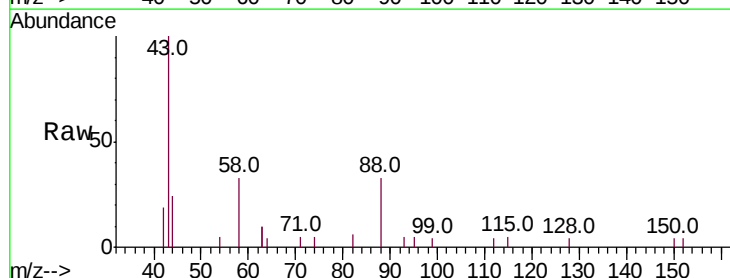
Tgt Ion: 88 Resp: 332

Ion Ratio Lower Upper

88 100

58 90.1 75.8 113.6

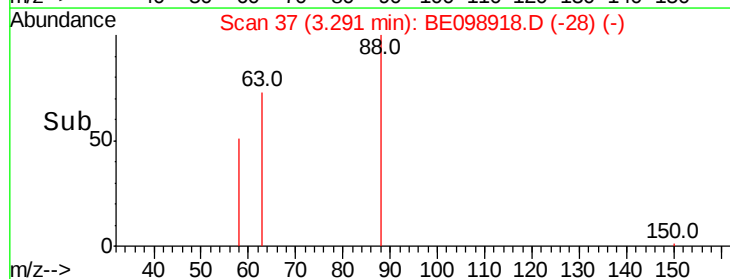
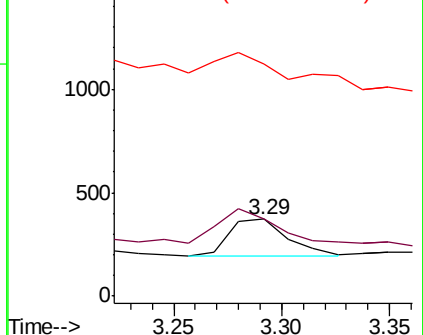
43 131.9 41.8 62.8#

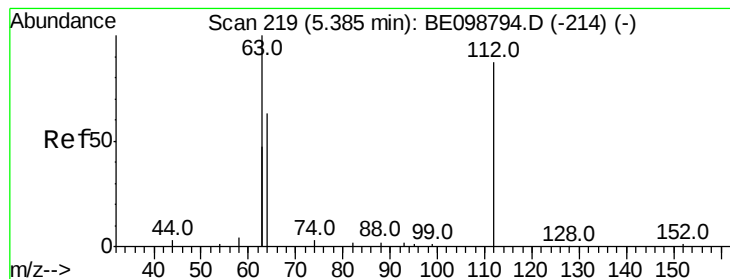


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.146 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.01 min

Lab File: BE098918.D

Acq: 13 Mar 2019 19:03

Instrument :

BNA_E

ClientSampleId :

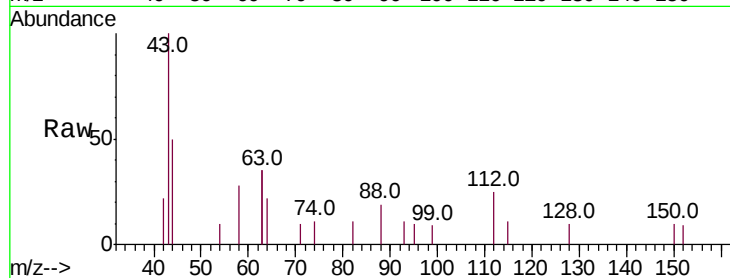
Tot Ion:112 Resp: 350

Ion Ratio Lower Upper

112 100

64 84.3 57.9 86.9

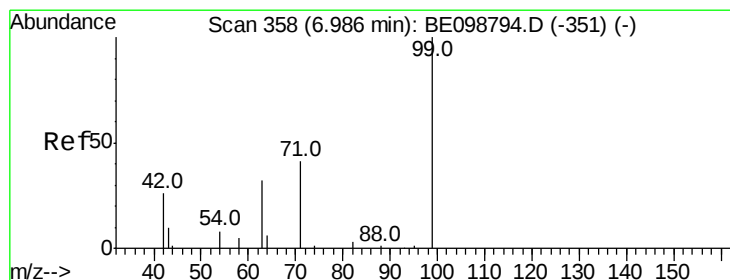
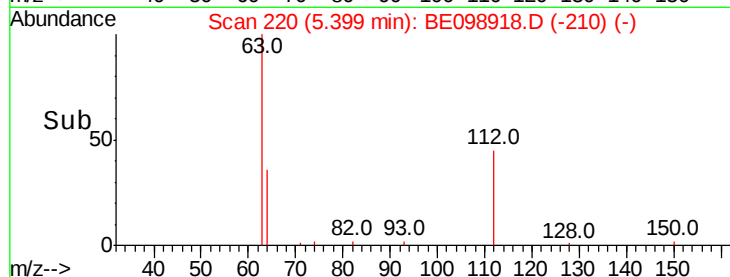
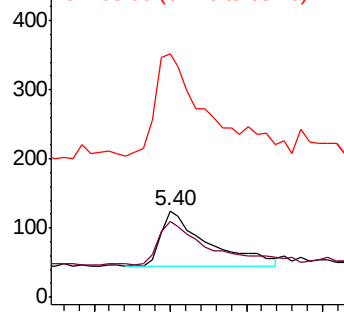
63 175.4 158.3 237.5



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

Phenol-d6

Concen: 0.063 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.03 min

Lab File: BE098918.D

Acq: 13 Mar 2019 19:03

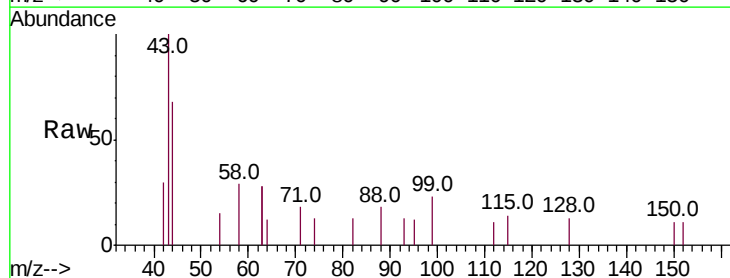
Tgt Ion: 99 Resp: 212

Ion Ratio Lower Upper

99 100

42 31.6 24.2 36.2

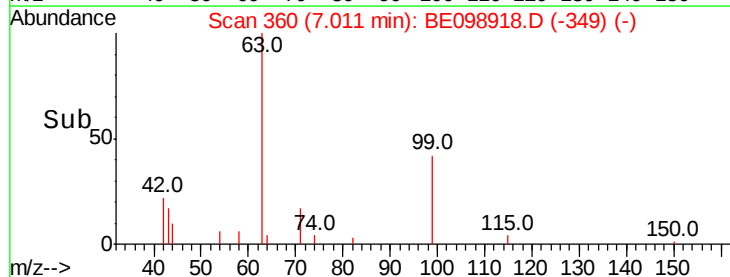
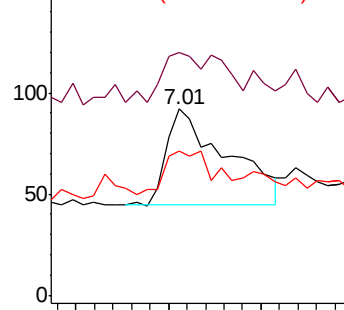
71 36.3 35.7 53.5

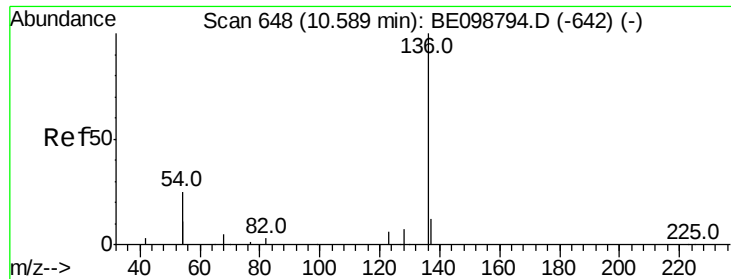


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE098918.D

Acq: 13 Mar 2019 19:03

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 3593

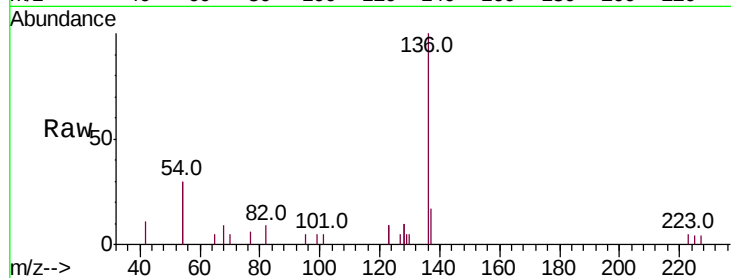
Ion Ratio Lower Upper

136 100

137 17.0 11.4 17.0

54 60.3 39.3 58.9#

68 9.4 6.7 10.1

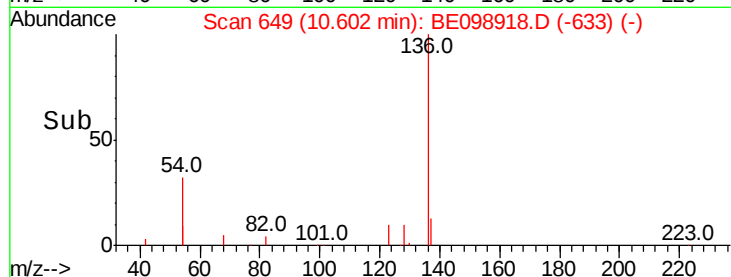


Abundance Ion 136.00 (135.70 to 136.70): E

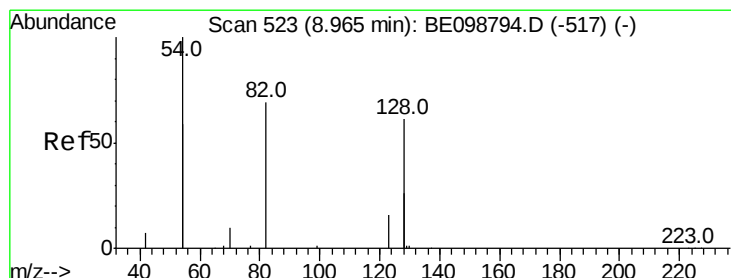
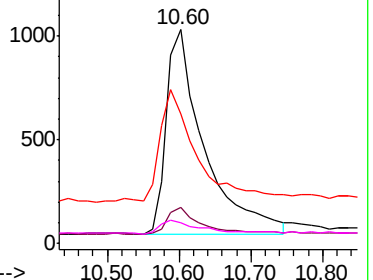
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->



#8

Nitrobenzene-d5

Concen: 0.333 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.04 min

Lab File: BE098918.D

Acq: 13 Mar 2019 19:03

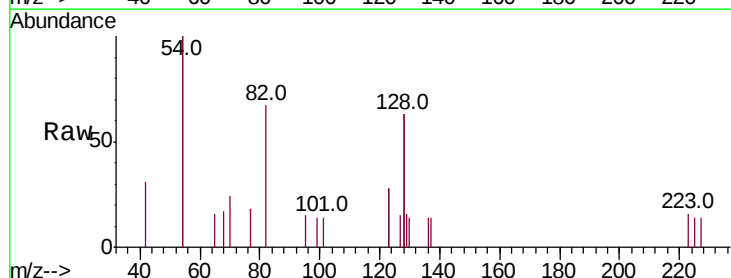
Tgt Ion: 82 Resp: 1256

Ion Ratio Lower Upper

82 100

128 187.0 123.8 185.8#

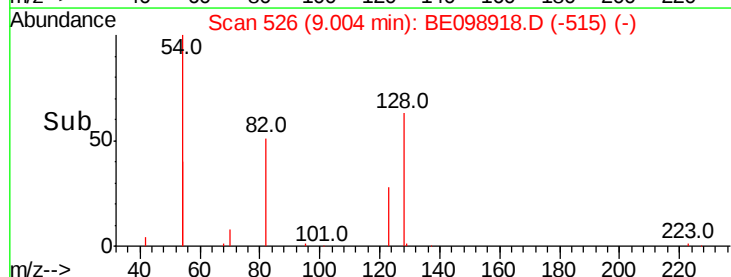
54 297.7 203.4 305.2



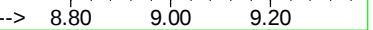
Abundance Ion 82.00 (81.70 to 82.70): BE0

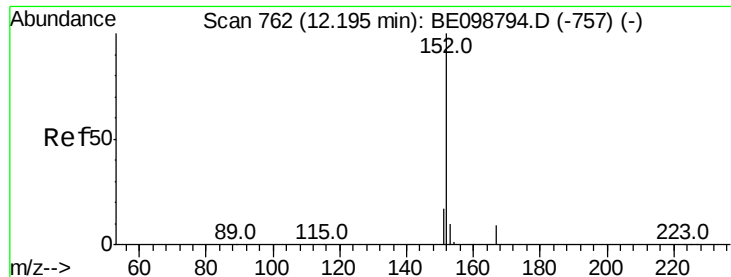
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time-->





#11

2-Methylnaphthalene-d10

Concen: 0.342 ng

RT: 12.19 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE098918.D

Acq: 13 Mar 2019 19:03

Instrument :

BNA_E

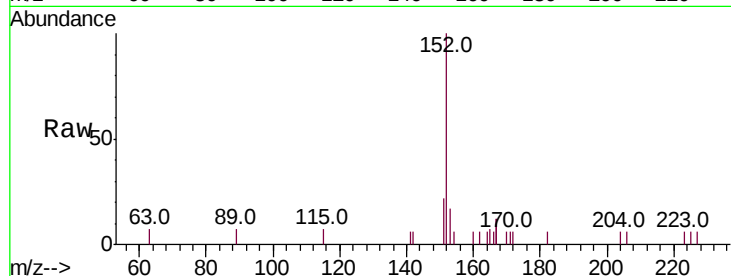
ClientSampleId :

Tot Ion:152 Resp: 2274

Ion Ratio Lower Upper

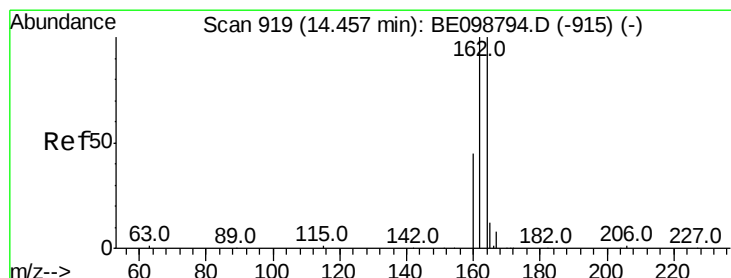
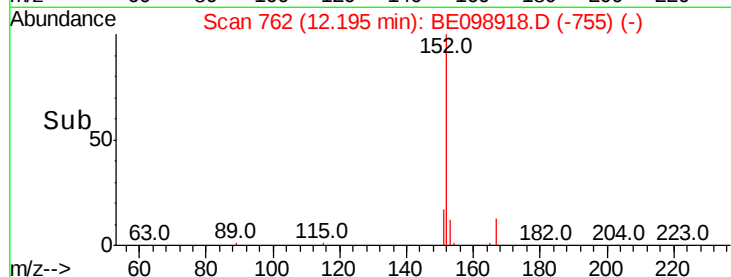
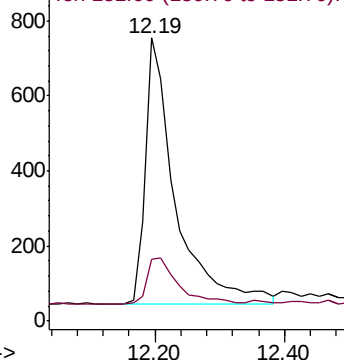
152 100

151 18.7 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: BE098918.D

Acq: 13 Mar 2019 19:03

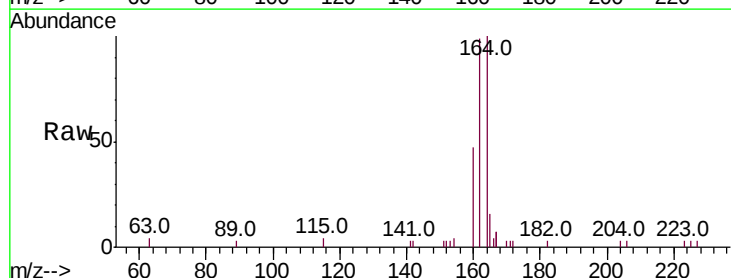
Tgt Ion:164 Resp: 2635

Ion Ratio Lower Upper

164 100

162 98.7 80.2 120.2

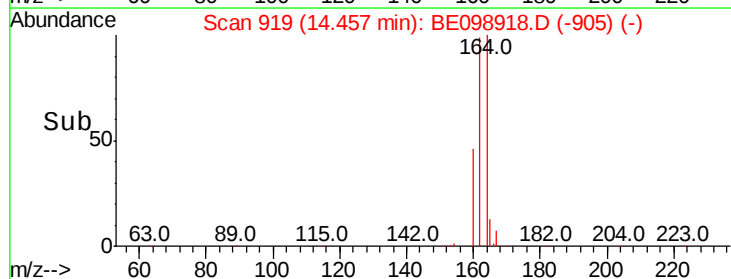
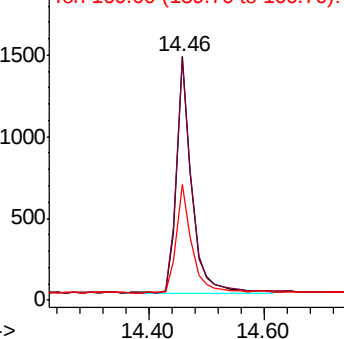
160 47.3 37.8 56.8

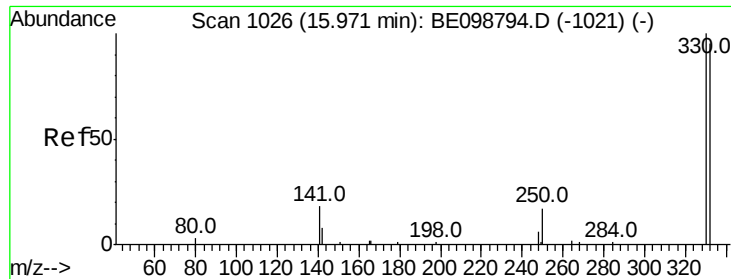


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

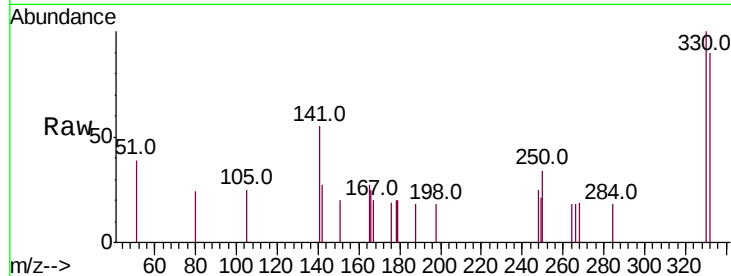




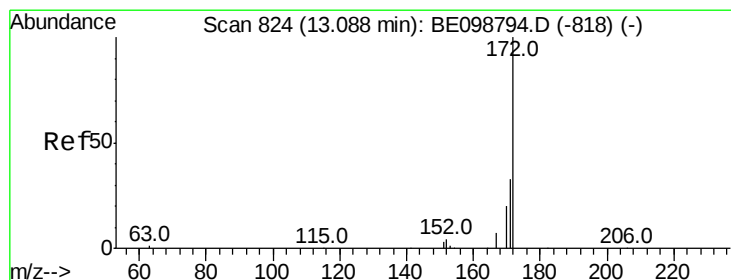
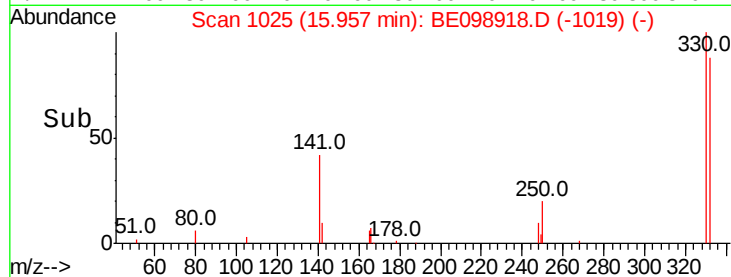
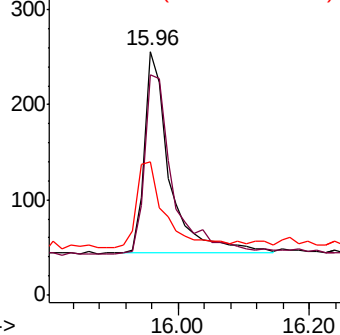
#14
 2,4,6-Tribromophenol
 Concen: 0.416 ng
 RT: 15.96 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BE098918.D
 Acq: 13 Mar 2019 19:03

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:330 Resp: 553
 Ion Ratio Lower Upper
 330 100
 332 102.5 77.6 116.4
 141 48.1 31.0 46.4#

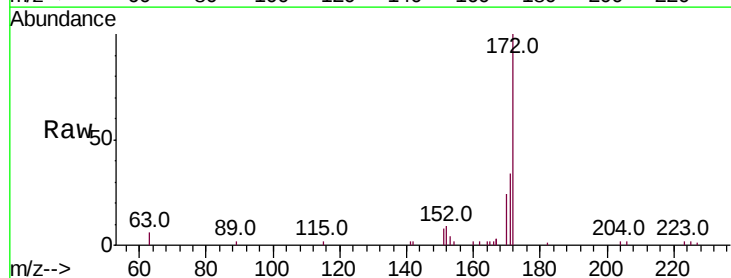


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

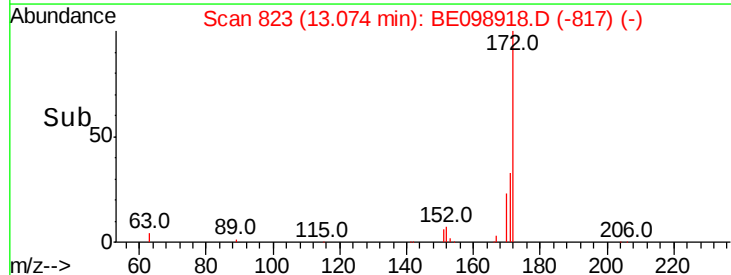
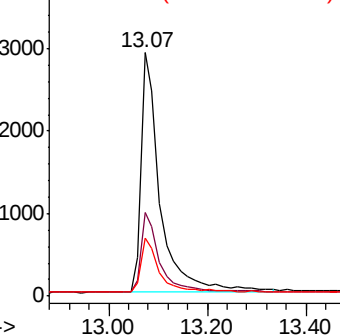


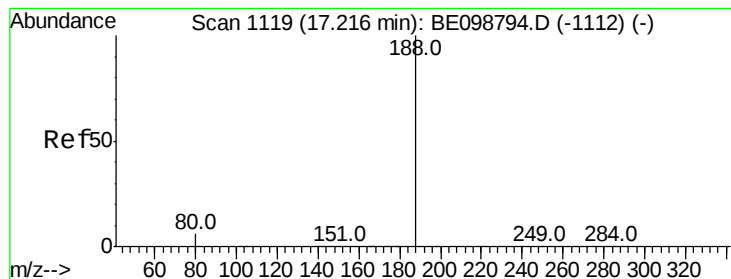
#15
 2-Fluorobiphenyl
 Concen: 0.723 ng
 RT: 13.07 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BE098918.D
 Acq: 13 Mar 2019 19:03

Tgt Ion:172 Resp: 7891
 Ion Ratio Lower Upper
 172 100
 171 34.3 28.0 42.0
 170 24.0 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

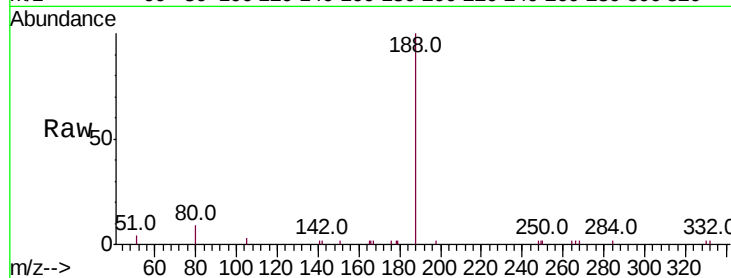




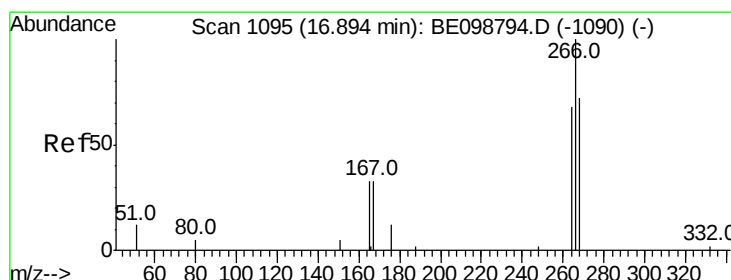
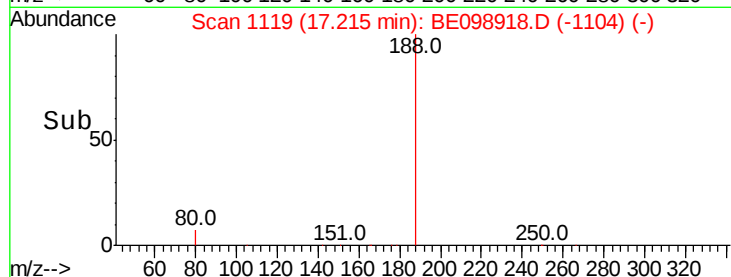
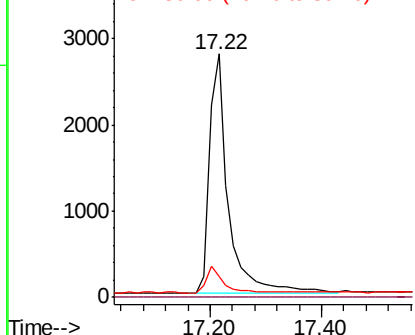
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE098918.D
Acq: 13 Mar 2019 19:03

Instrument :
BNA_E
ClientSampleId :

Tot Ion:188 Resp: 6605
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.6 6.3 9.5

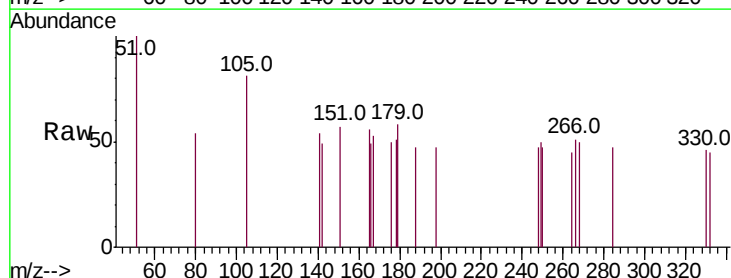


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0

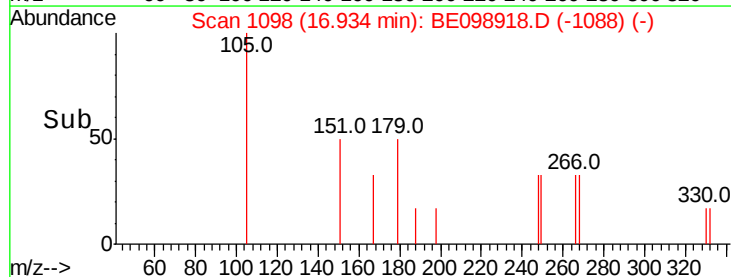
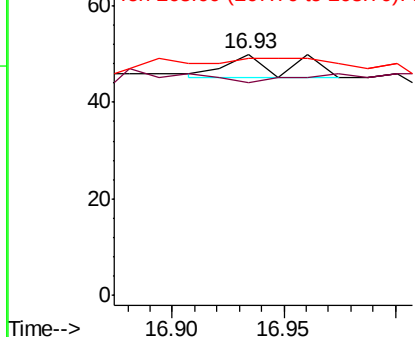


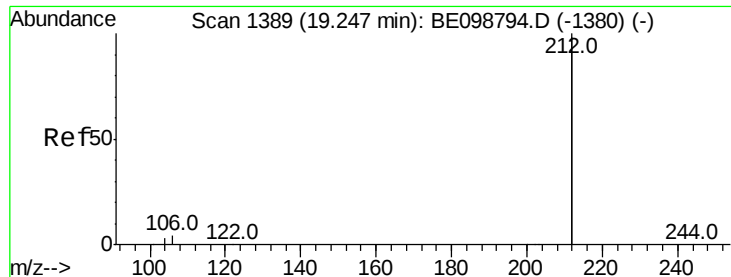
#22
Pentachlorophenol
Concen: 0.271 ng
RT: 16.93 min Scan# 1098
Delta R.T. 0.04 min
Lab File: BE098918.D
Acq: 13 Mar 2019 19:03

Tgt Ion:266 Resp: 10
Ion Ratio Lower Upper
266 100
264 88.0 66.6 100.0
268 98.0 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: 0.329 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE098918.D

Acq: 13 Mar 2019 19:03

Instrument :

BNA_E

ClientSampleId :

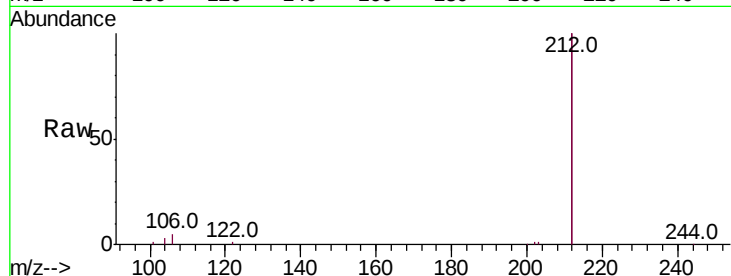
Tot Ion:212 Resp: 34709

Ion Ratio Lower Upper

212 100

106 2.2 1.8 2.8

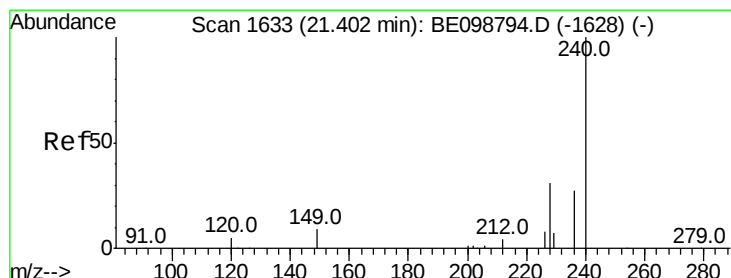
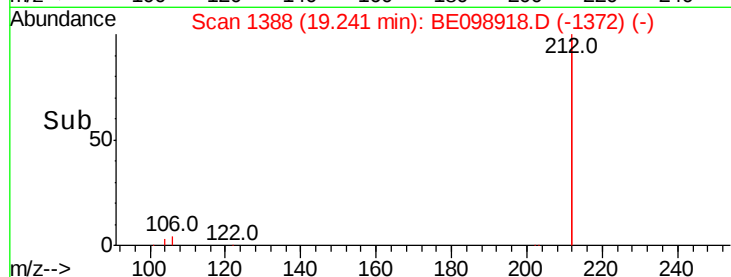
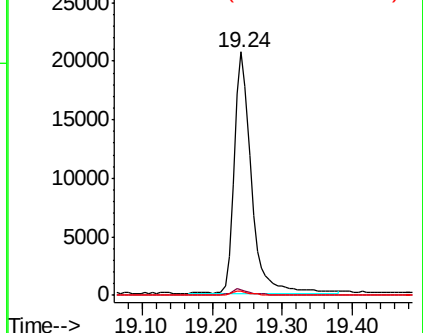
104 1.4 1.0 1.6



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: 21.39 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BE098918.D

Acq: 13 Mar 2019 19:03

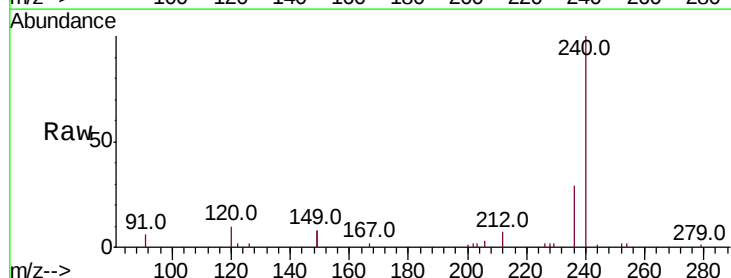
Tgt Ion:240 Resp: 7863

Ion Ratio Lower Upper

240 100

120 10.3 5.0 7.4#

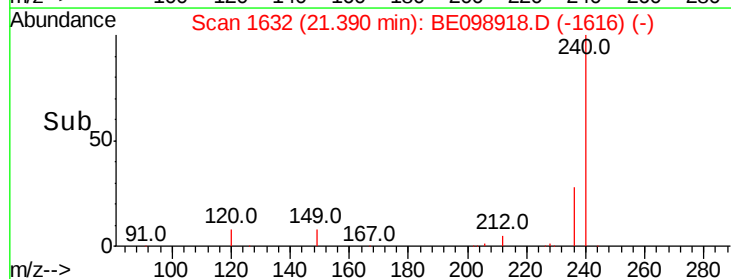
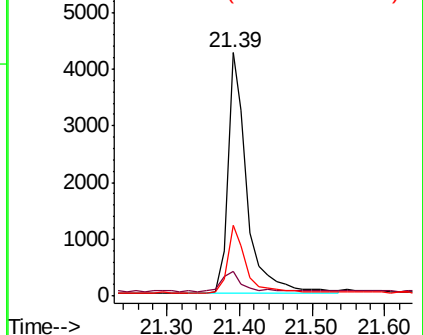
236 29.3 22.7 34.1

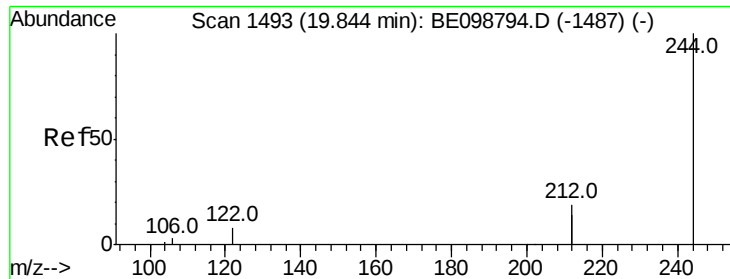


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.561 ng

RT: 19.83 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BE098918.D

Acq: 13 Mar 2019 19:03

Instrument :

BNA_E

ClientSampled :

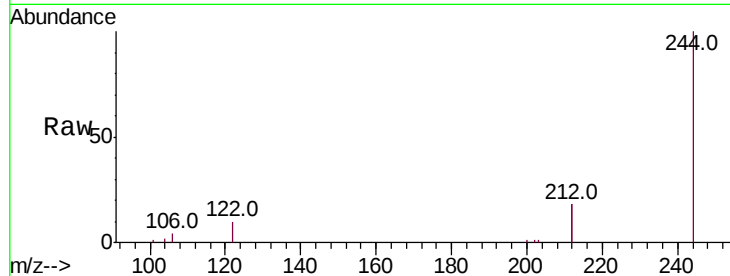
Tot Ion:244 Resp: 10719

Ion Ratio Lower Upper

244 100

212 36.9 29.4 44.2

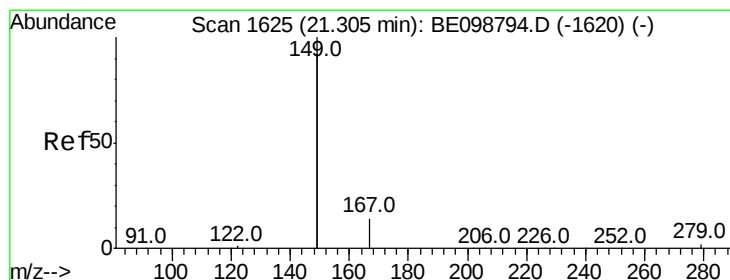
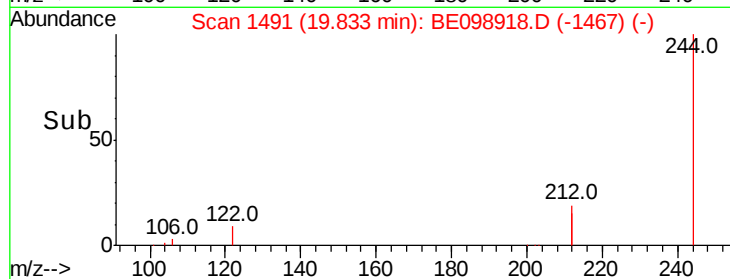
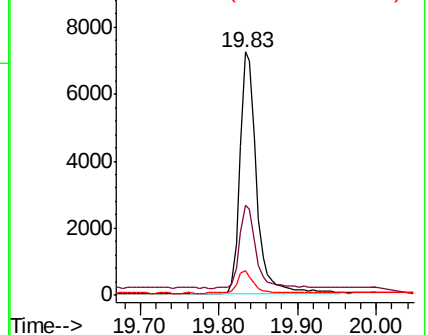
122 10.2 7.1 10.7



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: 0.048 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098918.D

Acq: 13 Mar 2019 19:03

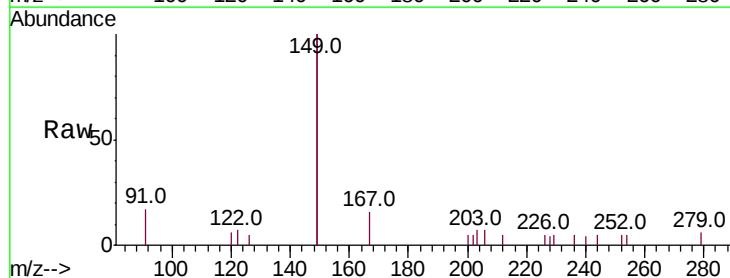
Tgt Ion:149 Resp: 2487

Ion Ratio Lower Upper

149 100

167 8.6 5.4 8.0#

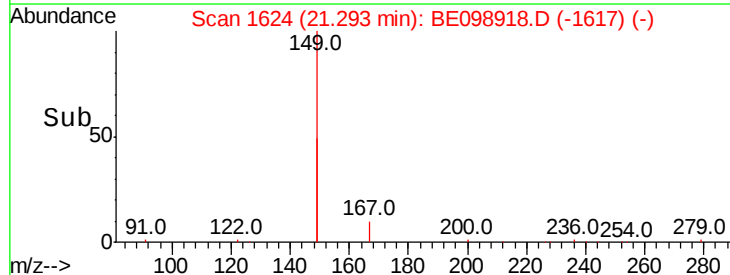
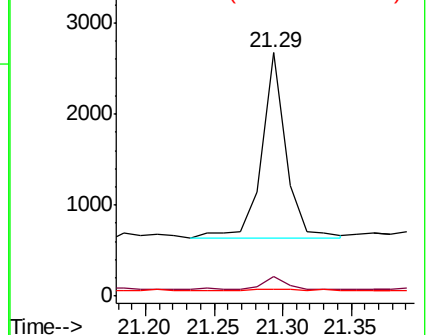
279 2.4 1.0 1.4#

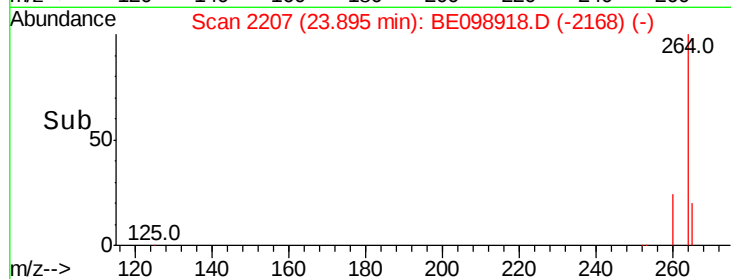
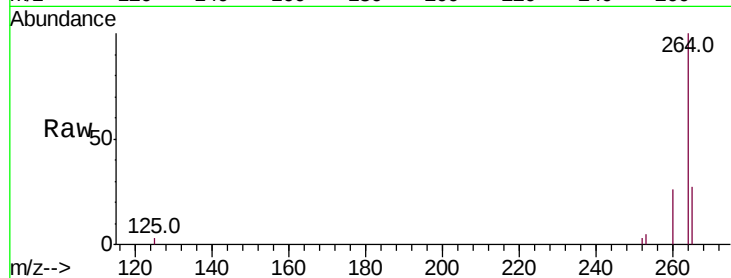


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.90 min Scan# 2207
 Delta R.T. -0.01 min
 Lab File: BE098918.D
 Acq: 13 Mar 2019 19:03

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:	264	Resp:	7694
Ion Ratio	Lower	Upper	
264	100		
260	25.6	21.2	31.8
265	27.2	24.6	36.8

