

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031319\
 Data File : BE098921.D
 Acq On : 13 Mar 2019 20:53
 Operator : JU/SJ
 Sample : K1856-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 14 06:56:47 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

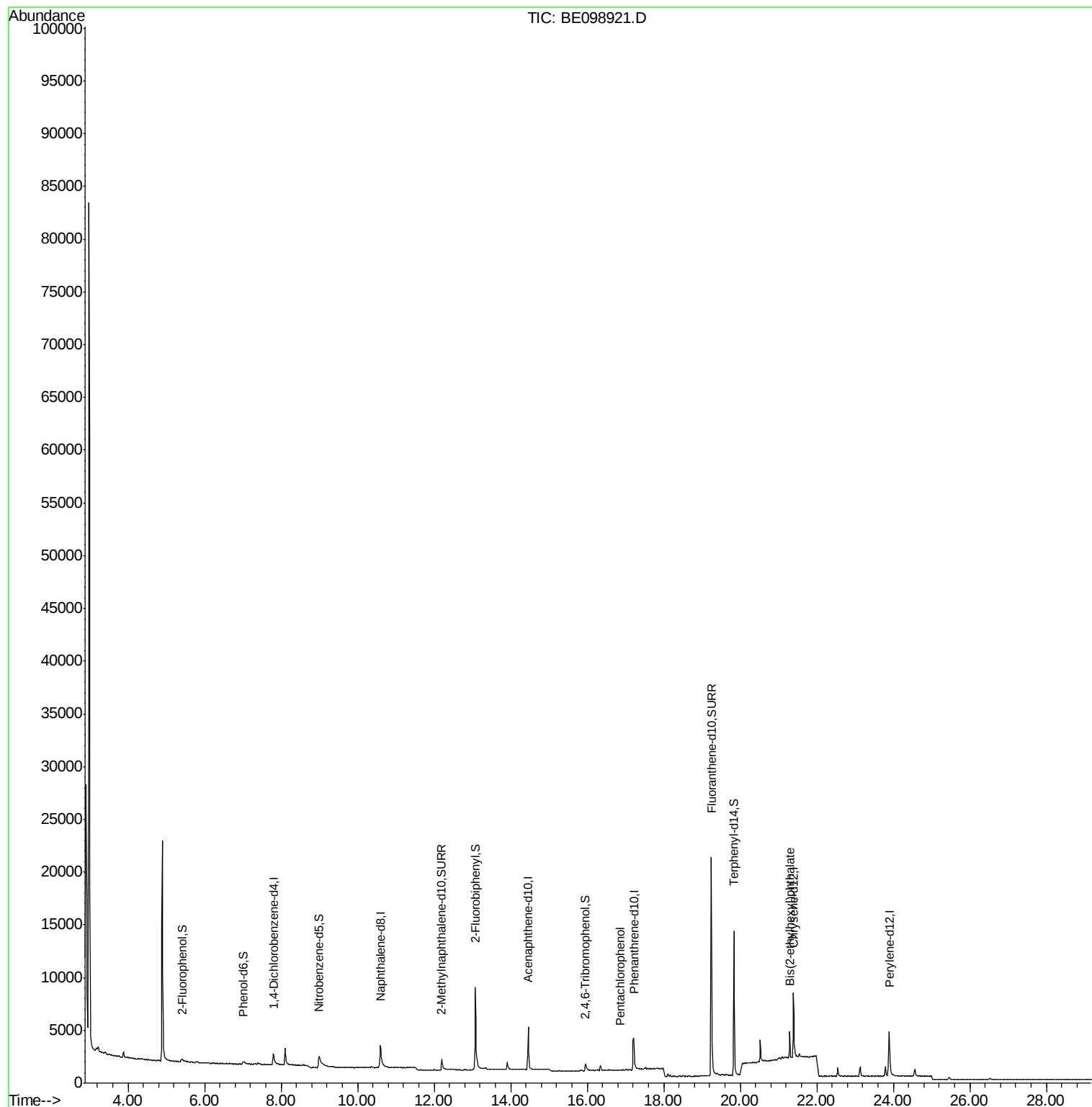
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	857	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	3713	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2597	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	6813	0.40	ng	0.00
27) Chrysene-d12	21.39	240	7745	0.40	ng	-0.01
34) Perylene-d12	23.89	264	7575	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	317	0.12	ng	0.03
5) Phenol-d6	7.01	99	288	0.08	ng	0.03
8) Nitrobenzene-d5	8.99	82	1355	0.35	ng	0.03
11) 2-Methylnaphthalene-d10	12.19	152	2253	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	614	0.47	ng	-0.01
15) 2-Fluorobiphenyl	13.07	172	10065	0.94	ng	-0.01
25) Fluoranthene-d10	19.24	212	33090	0.30	ng	0.00
29) Terphenyl-d14	19.83	244	13348	0.71	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.29	88	48	Below Cal	#	37
22) Pentachlorophenol	16.87	266	11	0.272 ng		89
32) Bis(2-ethylhexyl)phthalate	21.29	149	2913	0.057 ng	#	98

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

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QLast Update : Wed Mar 06 15:33:24 2019
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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: BE098921.D

Acq: 13 Mar 2019 20:53

Instrument :

BNA_E

ClientSampleId :

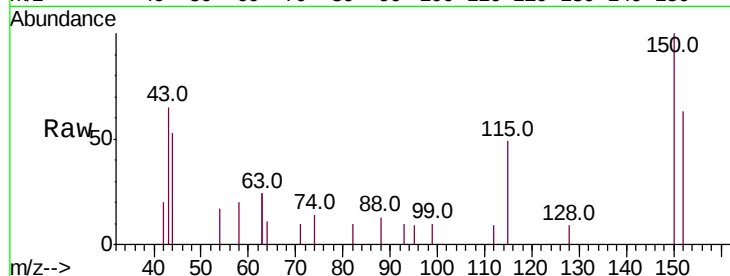
Tot Ion:152 Resp: 857

Ion Ratio Lower Upper

152 100

150 159.3 122.5 183.7

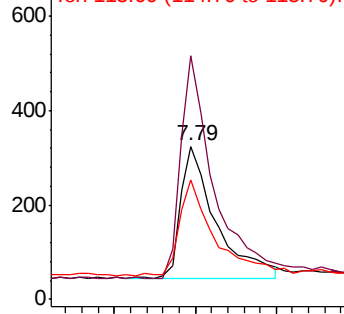
115 78.4 57.4 86.2



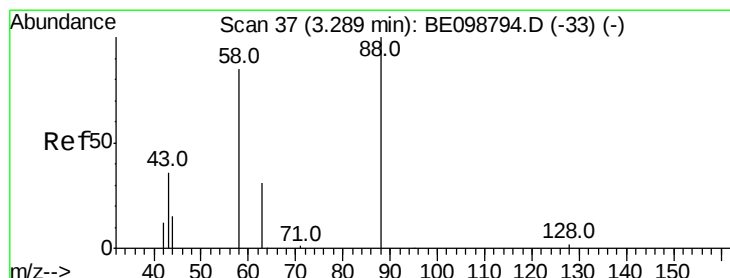
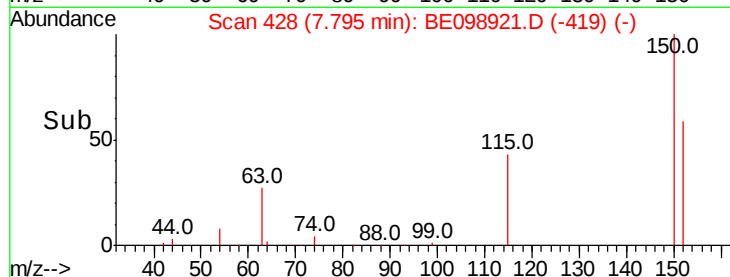
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#2

1,4-Dioxane

Concen: Below Cal

RT: 3.29 min Scan# 37

Delta R.T. 0.00 min

Lab File: BE098921.D

Acq: 13 Mar 2019 20:53

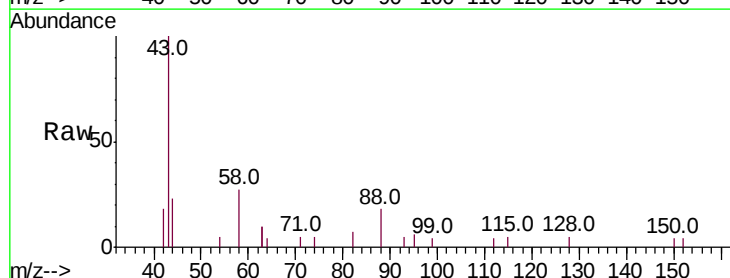
Tgt Ion: 88 Resp: 48

Ion Ratio Lower Upper

88 100

58 150.0 75.8 113.6#

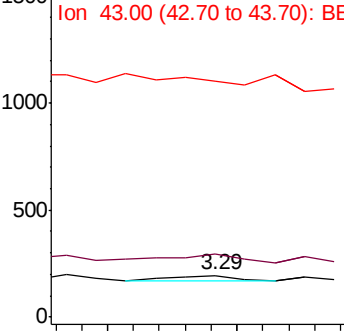
43 0.0 41.8 62.8#



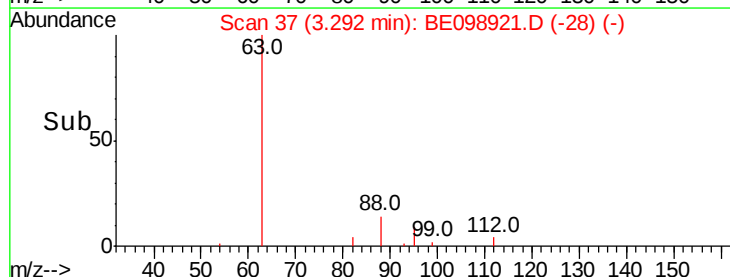
Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



Time-->





#4

2-Fluorophenol

Concen: 0.124 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.03 min

Lab File: BE098921.D

Acq: 13 Mar 2019 20:53

Instrument :

BNA_E

ClientSampled :

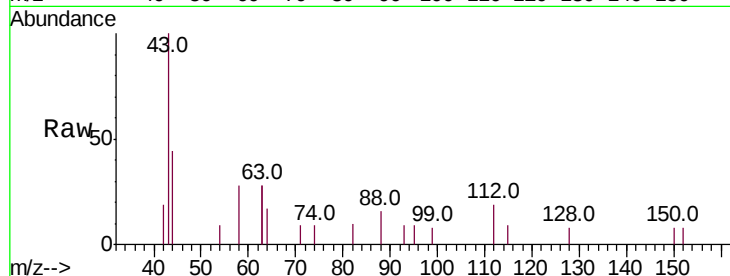
Tot Ion:112 Resp: 317

Ion Ratio Lower Upper

112 100

64 90.5 57.9 86.9#

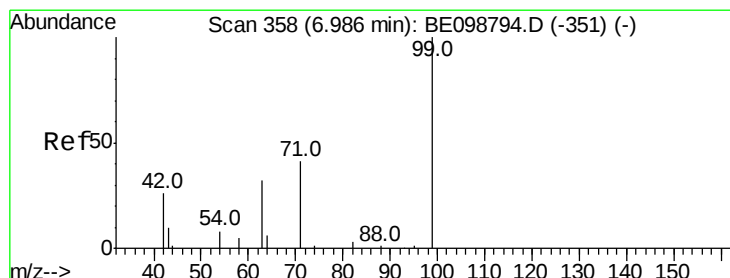
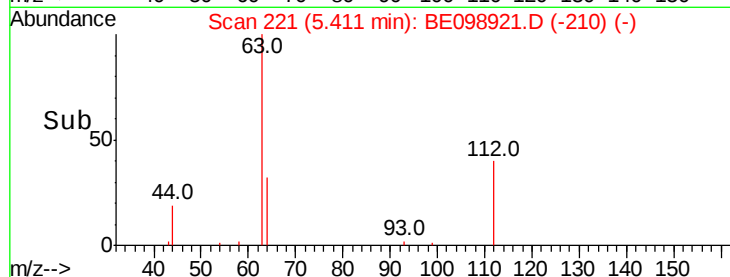
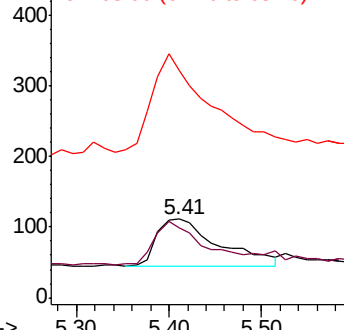
63 225.6 158.3 237.5



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: 0.080 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.03 min

Lab File: BE098921.D

Acq: 13 Mar 2019 20:53

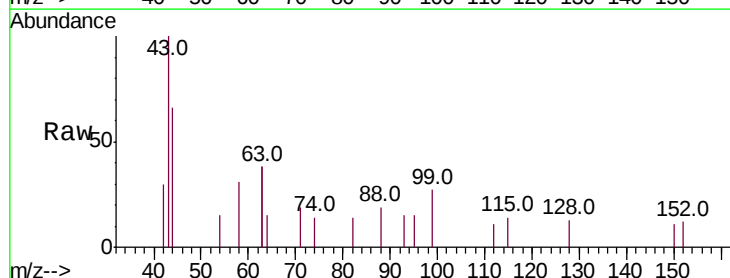
Tgt Ion: 99 Resp: 288

Ion Ratio Lower Upper

99 100

42 50.7 24.2 36.2#

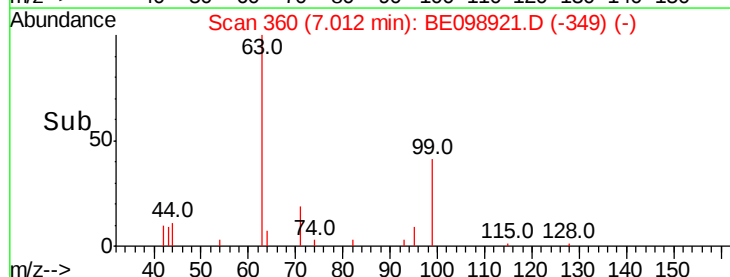
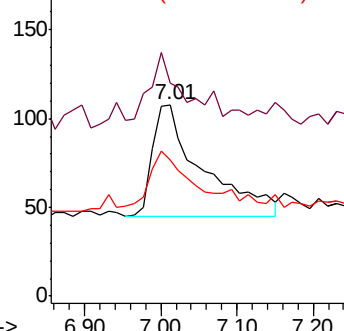
71 45.5 35.7 53.5



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: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE098921.D

Acq: 13 Mar 2019 20:53

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 3713

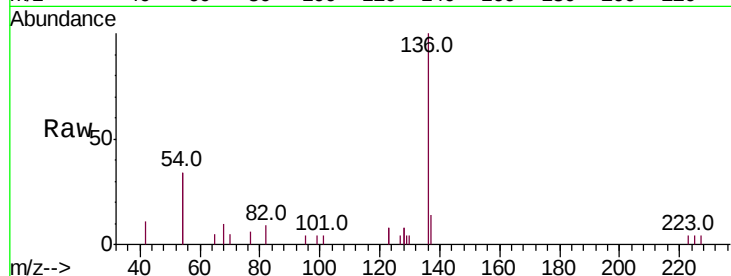
Ion Ratio Lower Upper

136 100

137 13.7 11.4 17.0

54 68.4 39.3 58.9#

68 10.0 6.7 10.1

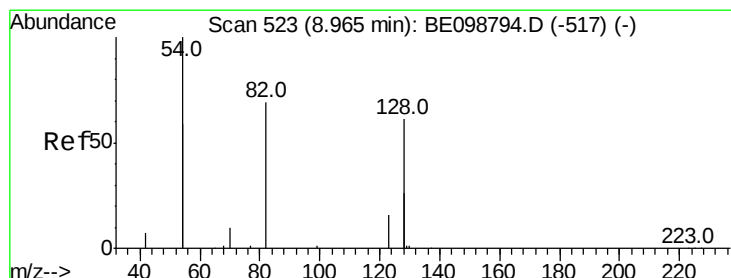
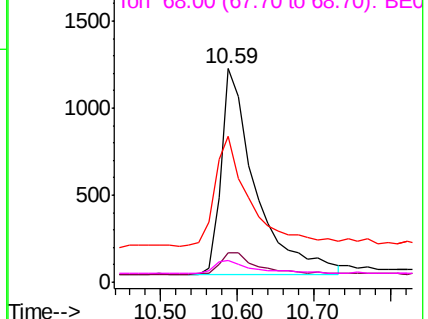
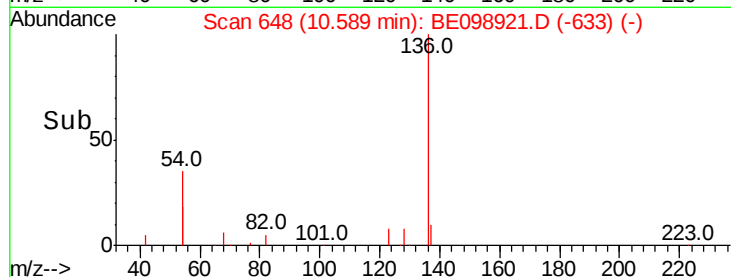


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.348 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.03 min

Lab File: BE098921.D

Acq: 13 Mar 2019 20:53

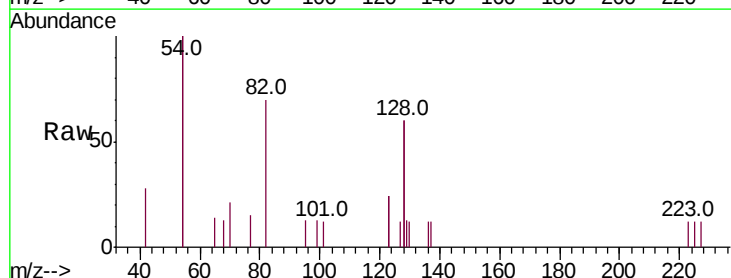
Tgt Ion: 82 Resp: 1355

Ion Ratio Lower Upper

82 100

128 173.4 123.8 185.8

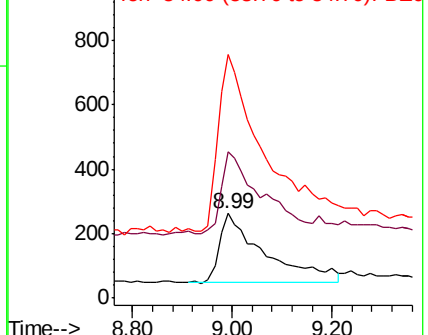
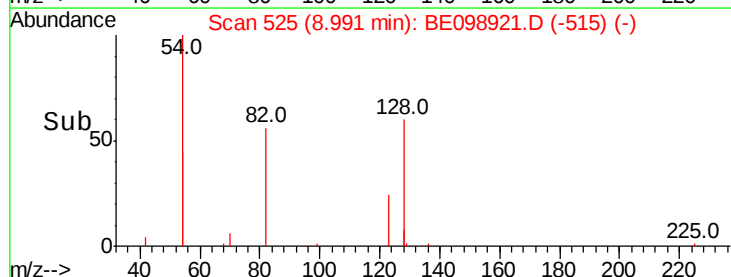
54 287.5 203.4 305.2

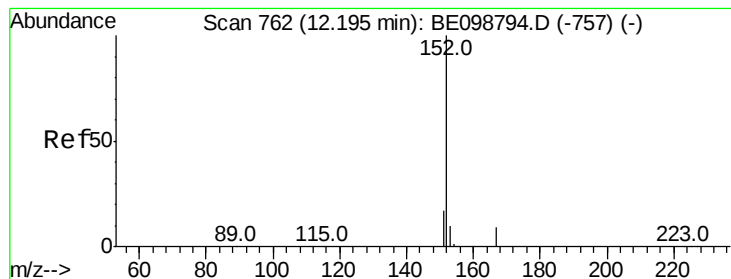


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

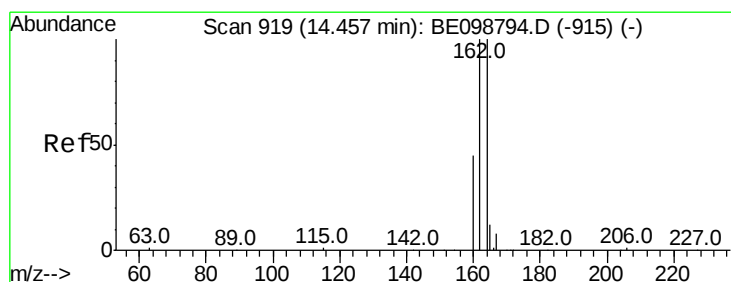
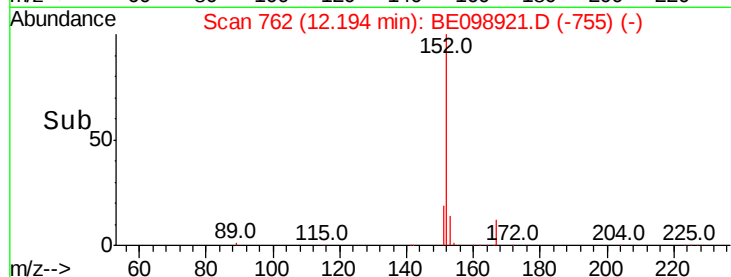
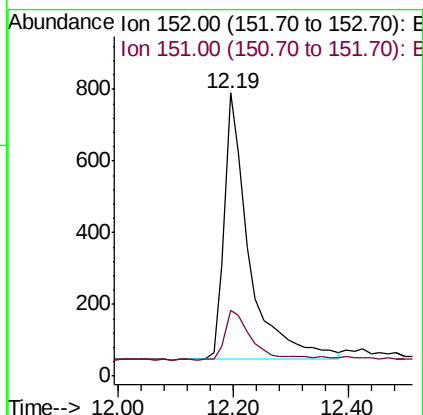
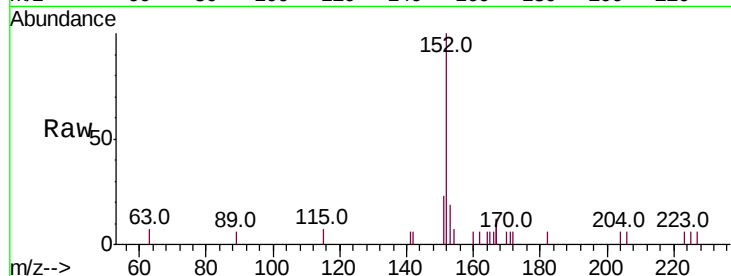




#11
 2-Methylnaphthalene-d10
 Concen: 0.328 ng
 RT: 12.19 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BE098921.D
 Acq: 13 Mar 2019 20:53

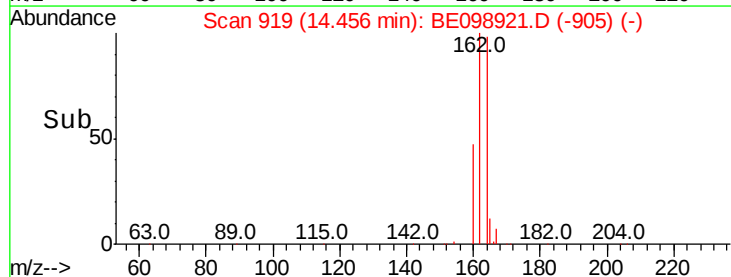
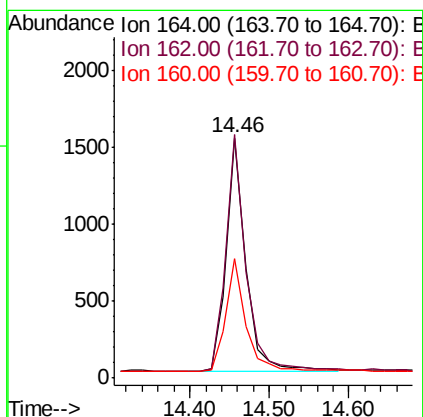
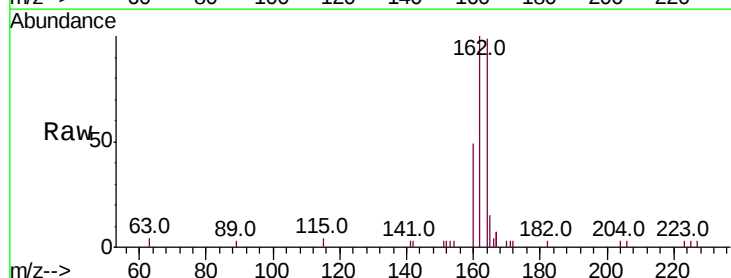
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:152 Resp: 2253
 Ion Ratio Lower Upper
 152 100
 151 20.5 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: BE098921.D
 Acq: 13 Mar 2019 20:53

Tgt Ion:164 Resp: 2597
 Ion Ratio Lower Upper
 164 100
 162 101.4 80.2 120.2
 160 49.7 37.8 56.8





#14

2,4,6-Tribromophenol

Concen: 0.468 ng

RT: 15.96 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BE098921.D

Acq: 13 Mar 2019 20:53

Instrument :

BNA_E

ClientSampled :

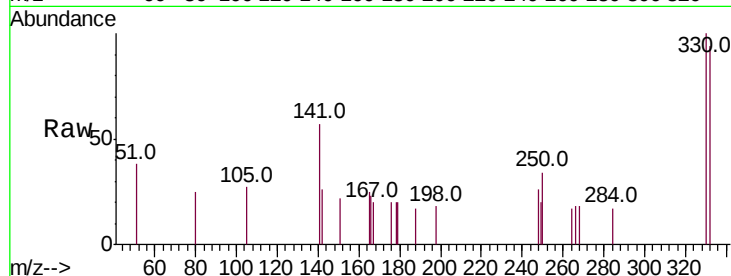
Tot Ion:330 Resp: 614

Ion Ratio Lower Upper

330 100

332 94.3 77.6 116.4

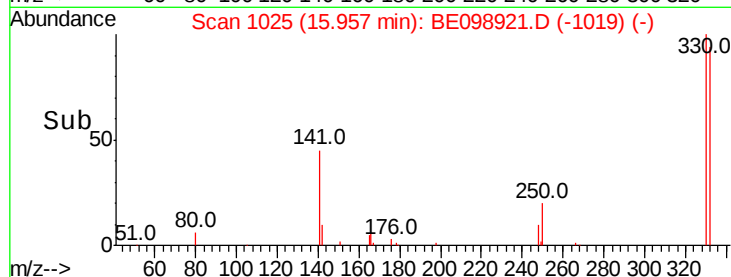
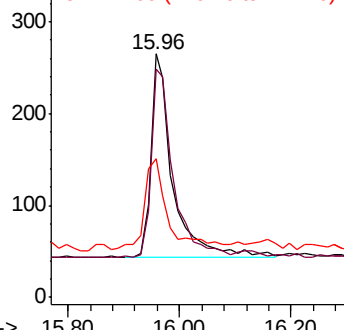
141 40.9 31.0 46.4



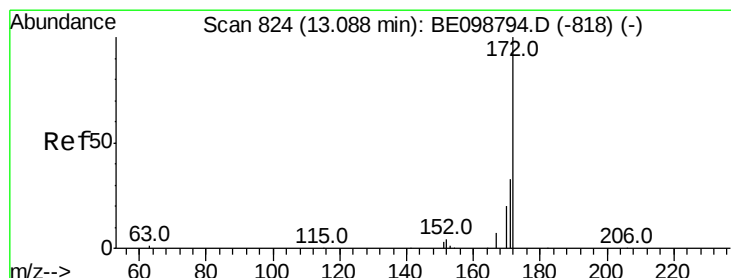
Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time-->



#15

2-Fluorobiphenyl

Concen: 0.936 ng

RT: 13.07 min Scan# 823

Delta R.T. -0.01 min

Lab File: BE098921.D

Acq: 13 Mar 2019 20:53

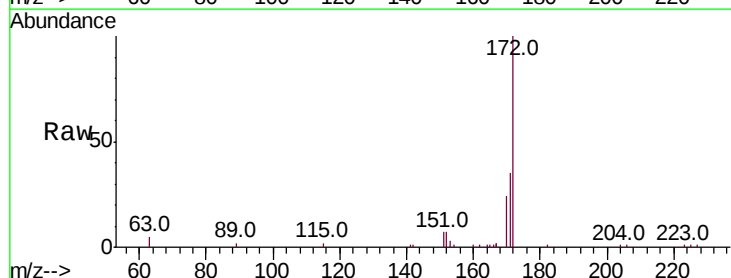
Tgt Ion:172 Resp: 10065

Ion Ratio Lower Upper

172 100

171 34.7 28.0 42.0

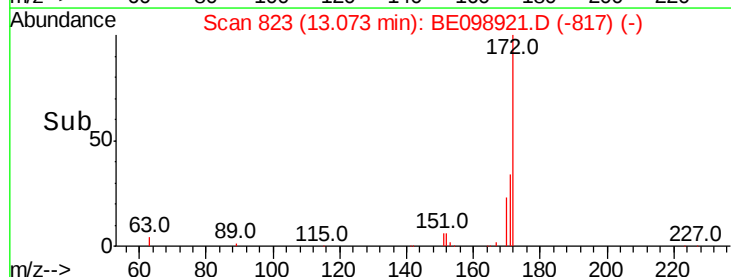
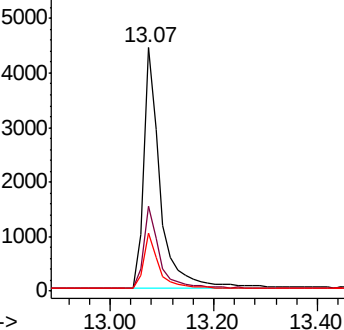
170 23.7 17.7 26.5



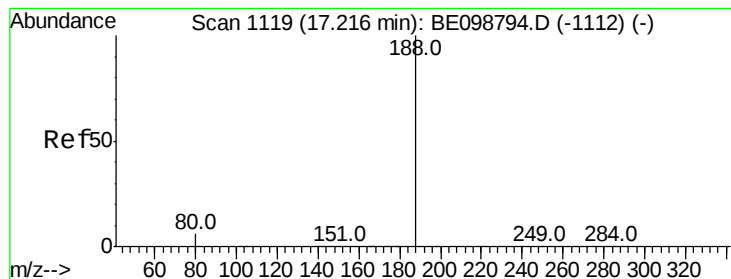
Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



Time-->



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.22 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098921.D

Acq: 13 Mar 2019 20:53

Instrument :

BNA_E

ClientSampleId :

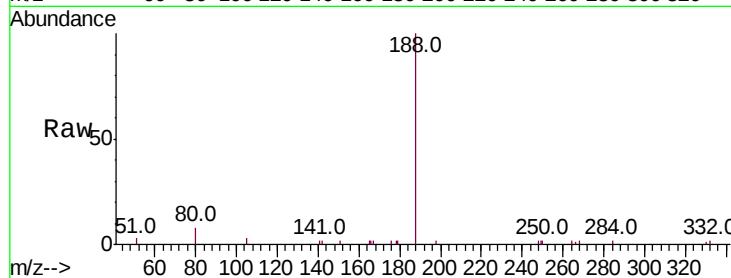
Tot Ion:188 Resp: 6813

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

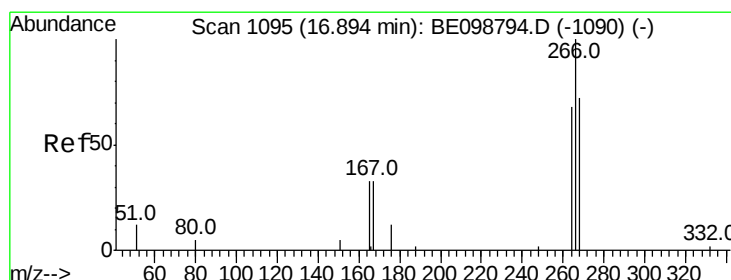
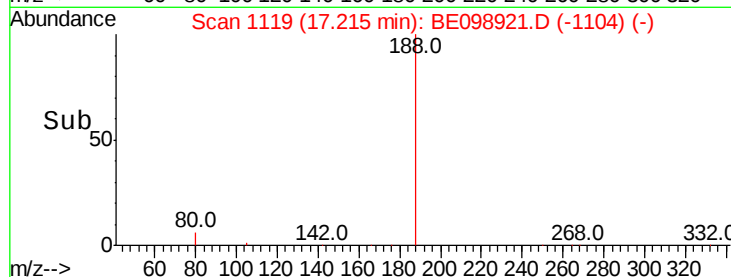
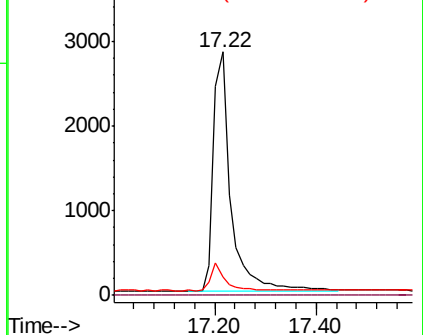
80 7.8 6.3 9.5



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: 0.272 ng

RT: 16.87 min Scan# 1093

Delta R.T. -0.03 min

Lab File: BE098921.D

Acq: 13 Mar 2019 20:53

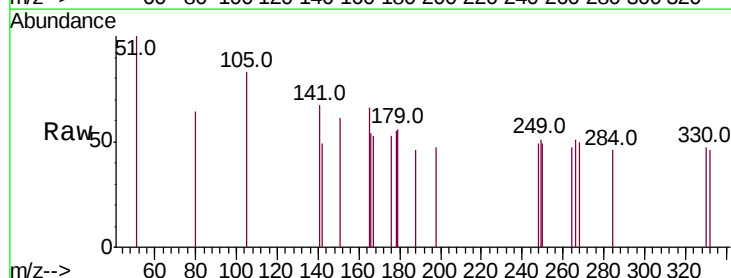
Tgt Ion:266 Resp: 11

Ion Ratio Lower Upper

266 100

264 91.8 66.6 100.0

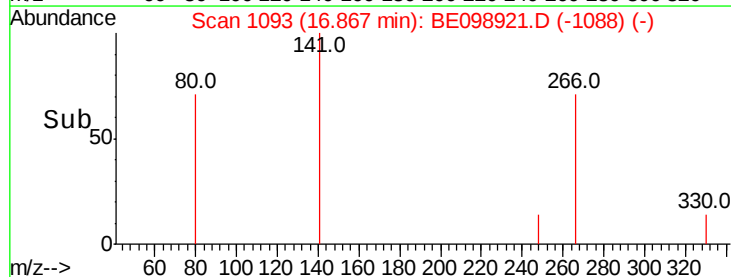
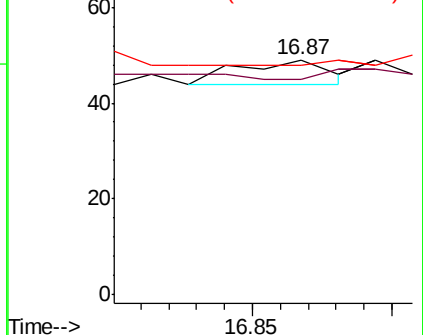
268 98.0 69.8 104.8

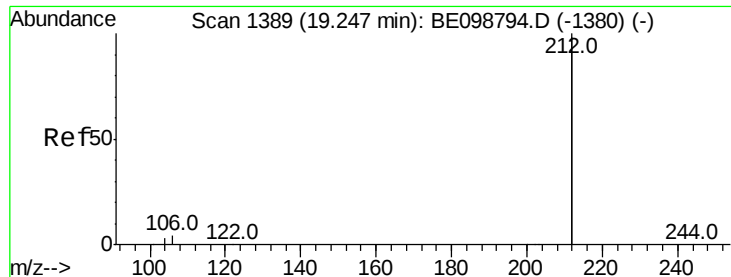


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.304 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE098921.D

Acq: 13 Mar 2019 20:53

Instrument :

BNA_E

ClientSampleId :

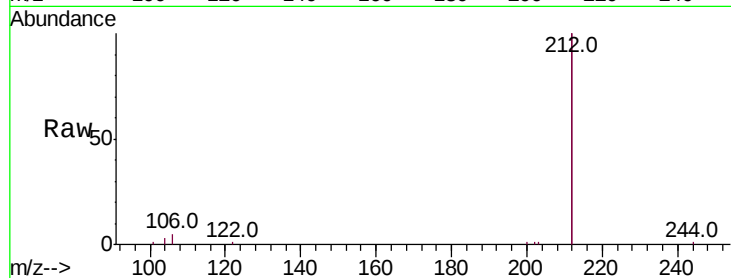
Tot Ion:212 Resp: 33090

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

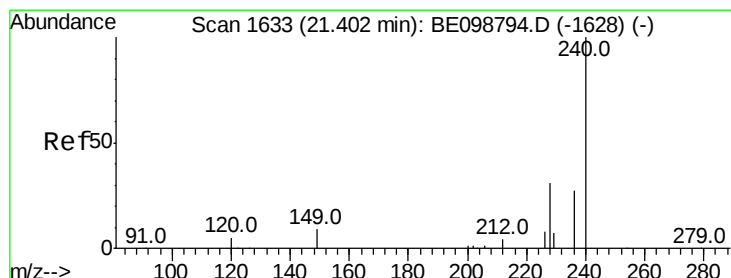
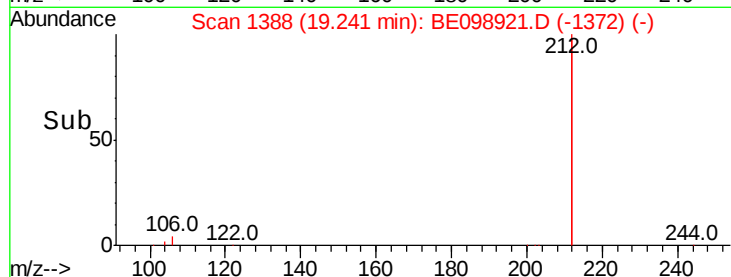
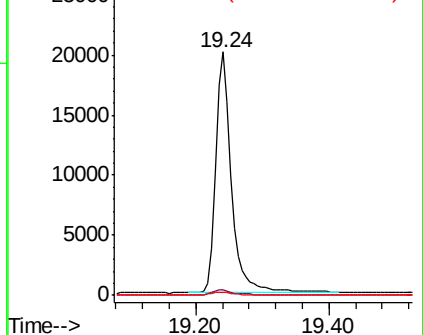
104 1.3 1.0 1.6



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: 21.39 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BE098921.D

Acq: 13 Mar 2019 20:53

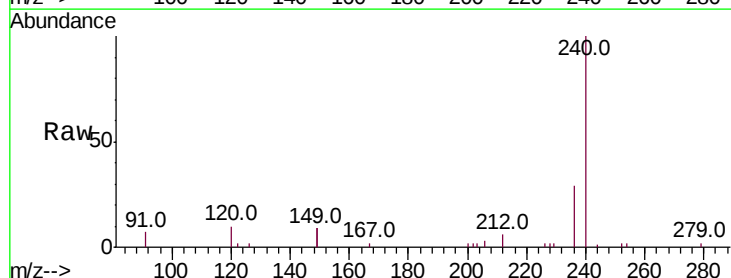
Tgt Ion:240 Resp: 7745

Ion Ratio Lower Upper

240 100

120 9.9 5.0 7.4#

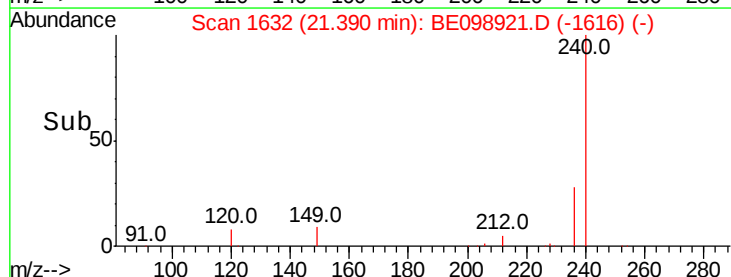
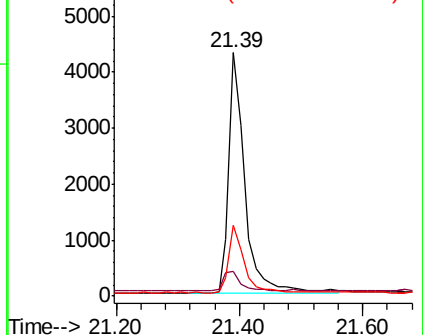
236 29.1 22.7 34.1

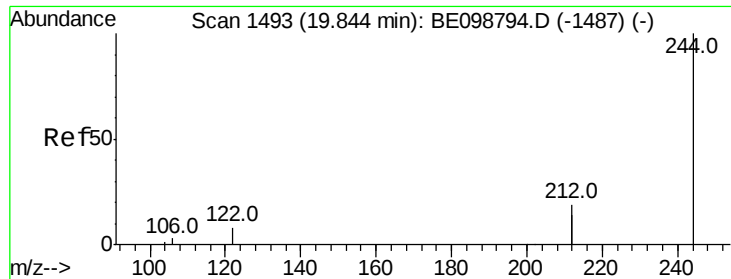


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.709 ng

RT: 19.83 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BE098921.D

Acq: 13 Mar 2019 20:53

Instrument :

BNA_E

ClientSampleId :

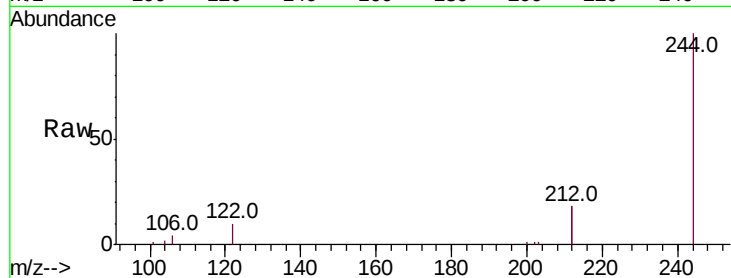
Tot Ion:244 Resp: 13348

Ion Ratio Lower Upper

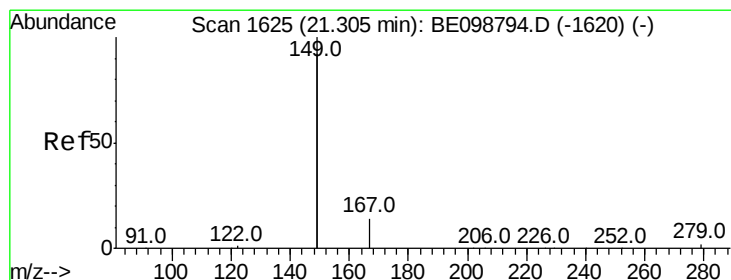
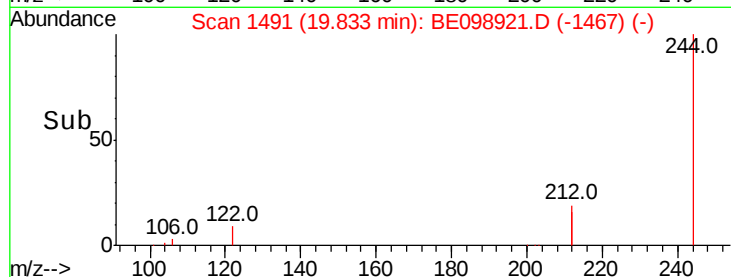
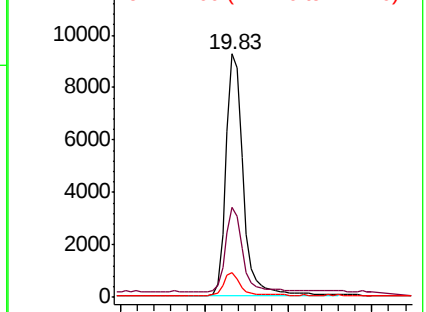
244 100

212 36.8 29.4 44.2

122 9.9 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: 0.057 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098921.D

Acq: 13 Mar 2019 20:53

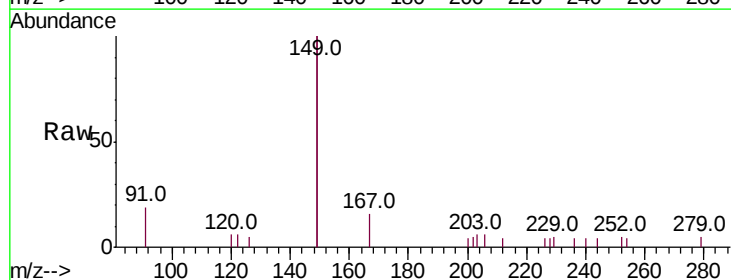
Tgt Ion:149 Resp: 2913

Ion Ratio Lower Upper

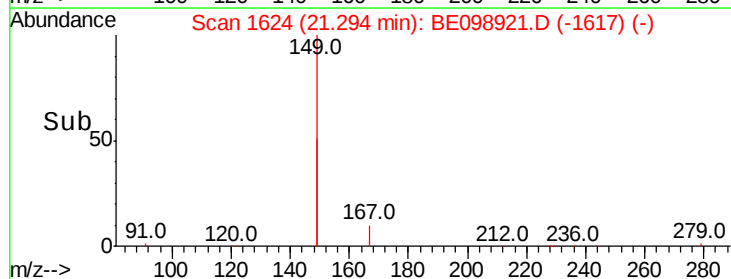
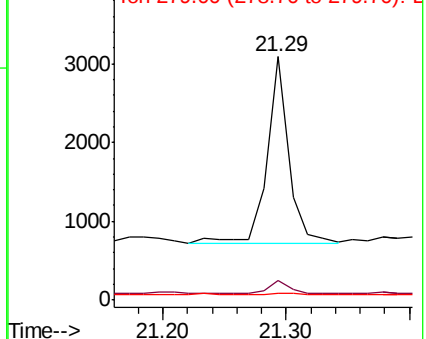
149 100

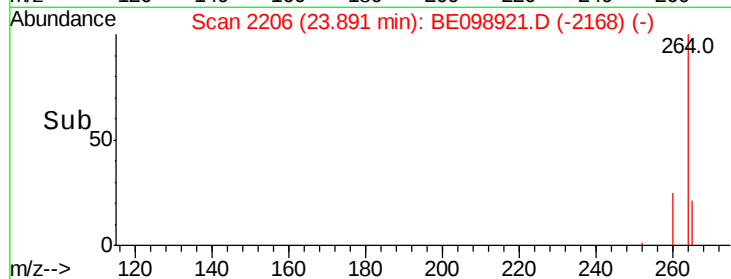
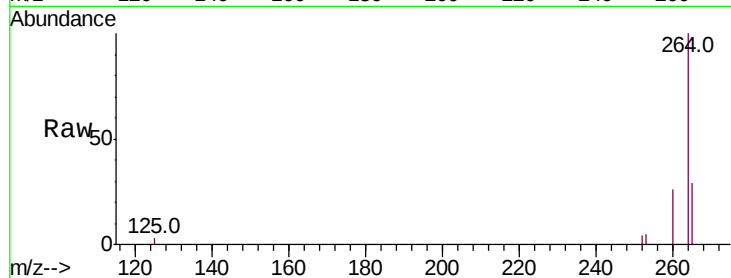
167 6.0 5.4 8.0

279 0.9 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: 23.89 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BE098921.D
 Acq: 13 Mar 2019 20:53

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:	264	Resp:	7575
Ion	Ratio	Lower	Upper
264	100		
260	26.2	21.2	31.8
265	28.7	24.6	36.8

