

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031319\
 Data File : BE098929.D
 Acq On : 14 Mar 2019 3:07
 Operator : JU/SJ
 Sample : K1860-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 14 06:57:48 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

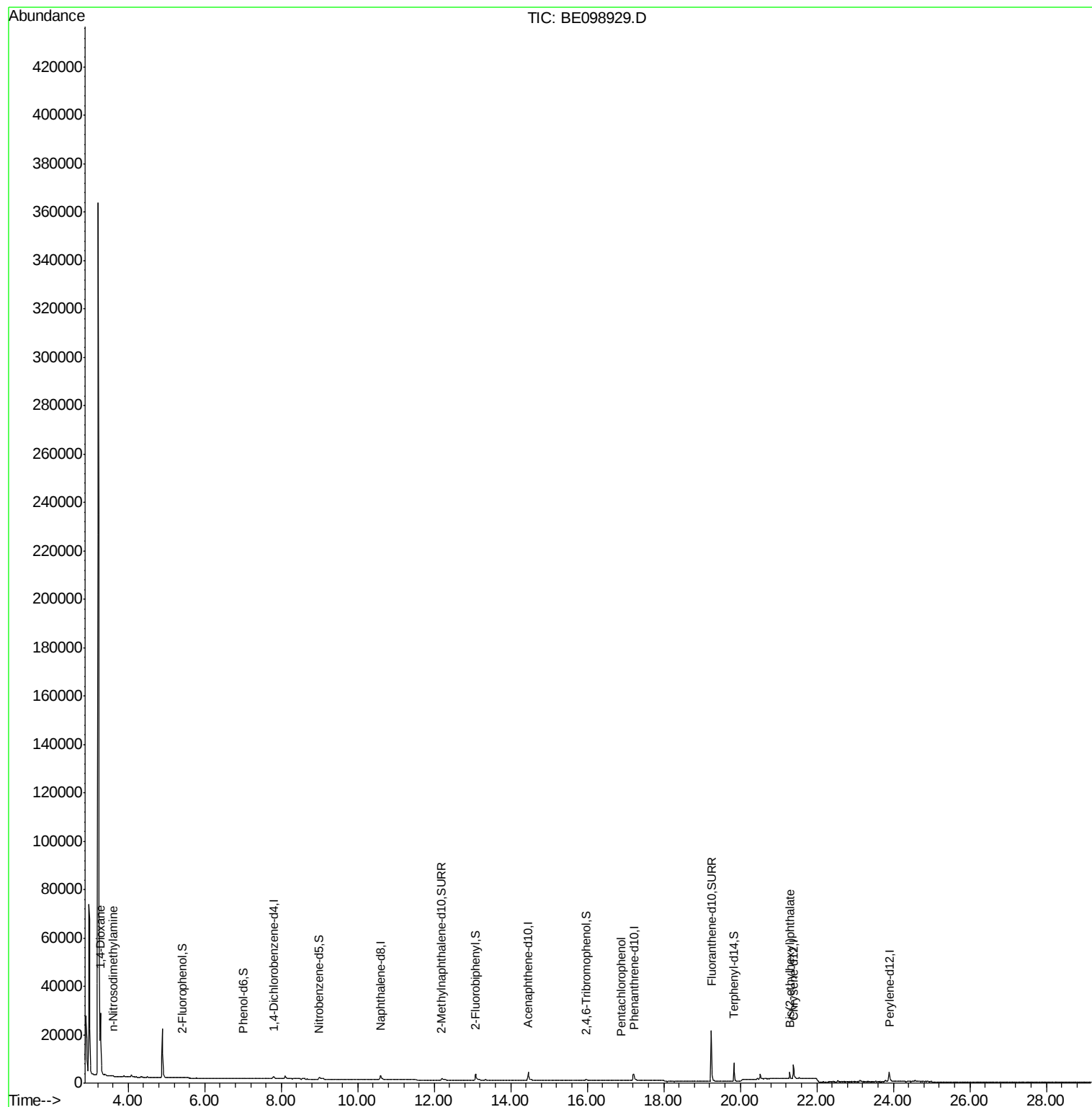
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	764	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	3372	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2406	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5894	0.40	ng	0.00
27) Chrysene-d12	21.39	240	7258	0.40	ng	-0.01
34) Perylene-d12	23.89	264	7032	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	319	0.14	ng	0.02
5) Phenol-d6	7.01	99	274	0.08	ng	0.02
8) Nitrobenzene-d5	8.99	82	1113	0.31	ng	0.02
11) 2-Methylnaphthalene-d10	12.20	152	2117	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	423	0.35	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4285	0.43	ng	0.00
25) Fluoranthene-d10	19.24	212	32551	0.35	ng	0.00
29) Terphenyl-d14	19.84	244	7936	0.45	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	12328	10.377	ng	Qvalue 98
3) n-Nitrosodimethylamine	3.61	42	124	0.065	ng	# 41
22) Pentachlorophenol	16.88	266	6	0.269	ng	85
32) Bis(2-ethylhexyl)phthalate	21.29	149	3005	0.062	ng	# 100

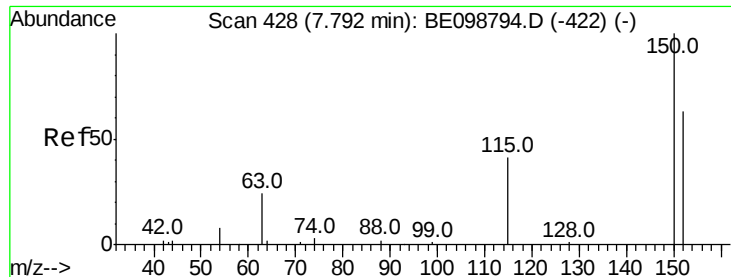
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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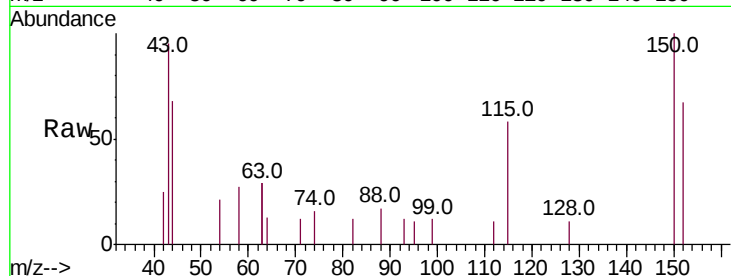


#1

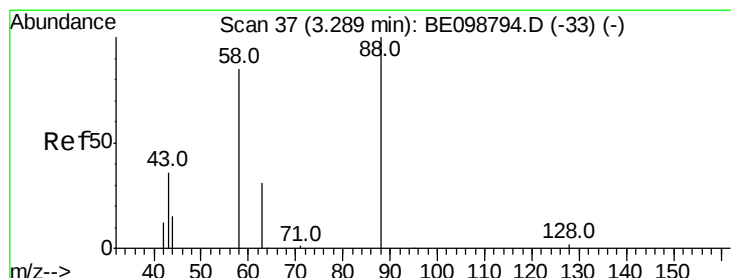
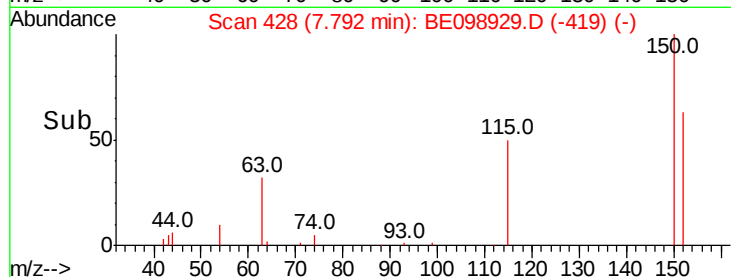
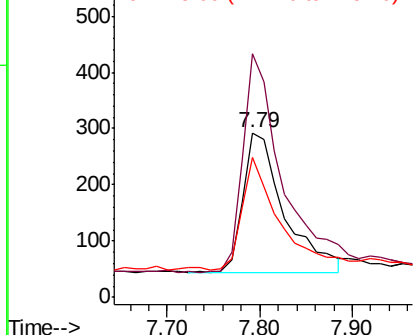
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098929.D
Acq: 14 Mar 2019 3:07

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 764
Ion Ratio Lower Upper
152 100
150 148.3 122.5 183.7
115 85.3 57.4 86.2



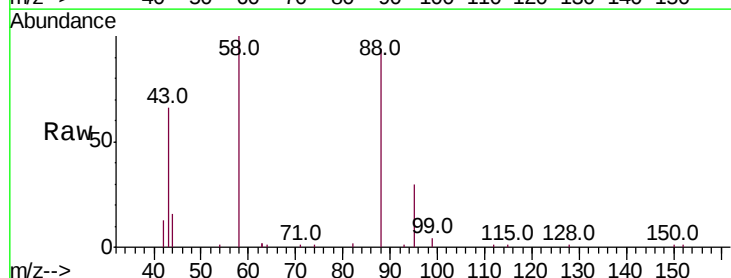
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



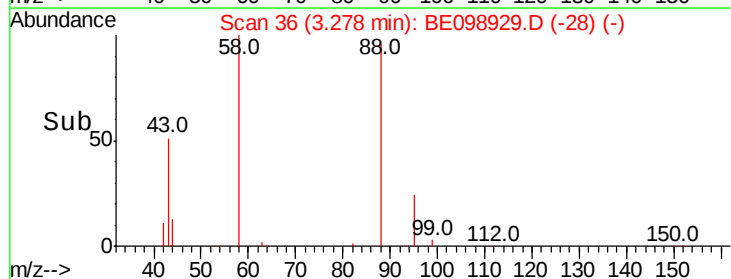
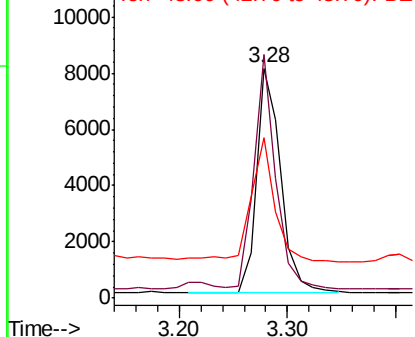
#2

1,4-Dioxane
Concen: 10.377 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098929.D
Acq: 14 Mar 2019 3:07

Tgt Ion: 88 Resp: 12328
Ion Ratio Lower Upper
88 100
58 94.2 75.8 113.6
43 55.9 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





#3

n-Nitrosodimethylamine

Concen: 0.065 ng

RT: 3.61 min Scan# 65

Delta R.T. -0.01 min

Lab File: BE098929.D

Acq: 14 Mar 2019 3:07

Instrument :

BNA_E

ClientSampleId :

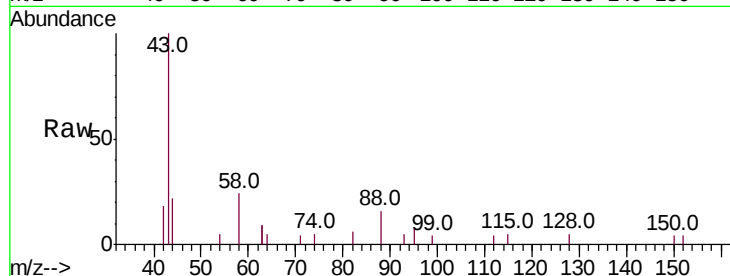
Tot Ion: 42 Resp: 124

Ion Ratio Lower Upper

42 100

74 22.6 57.0 85.4#

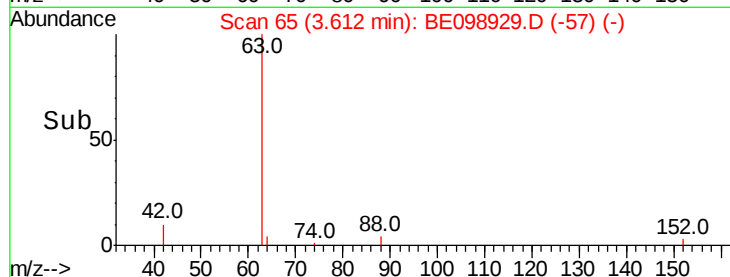
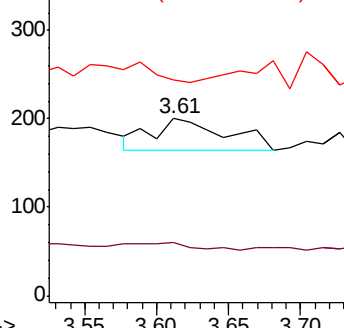
44 0.0 0.0 0.0



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



#4

2-Fluorophenol

Concen: 0.140 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.02 min

Lab File: BE098929.D

Acq: 14 Mar 2019 3:07

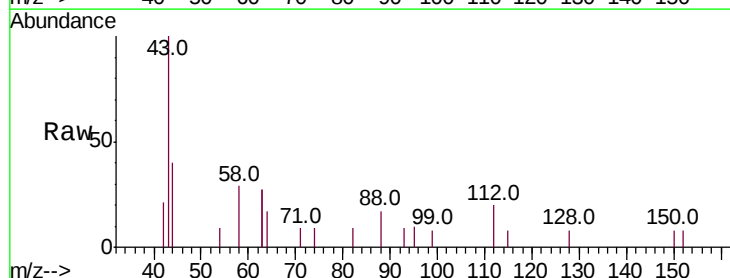
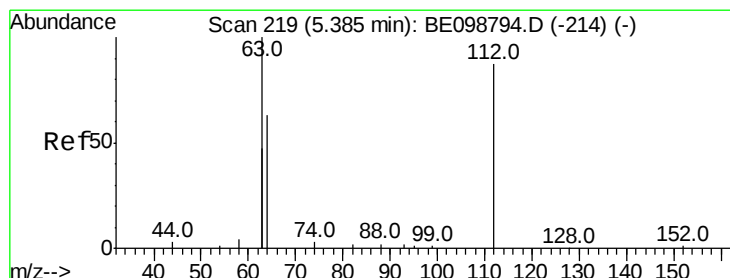
Tgt Ion: 112 Resp: 319

Ion Ratio Lower Upper

112 100

64 95.9 57.9 86.9#

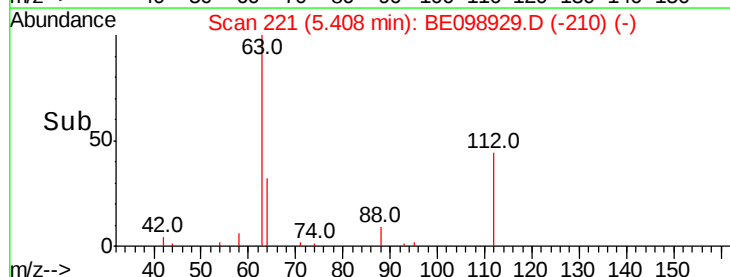
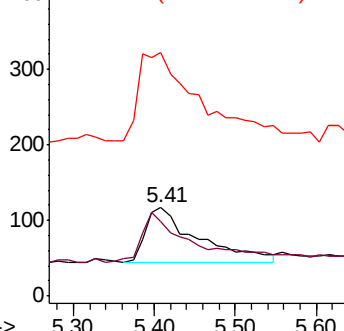
63 207.2 158.3 237.5

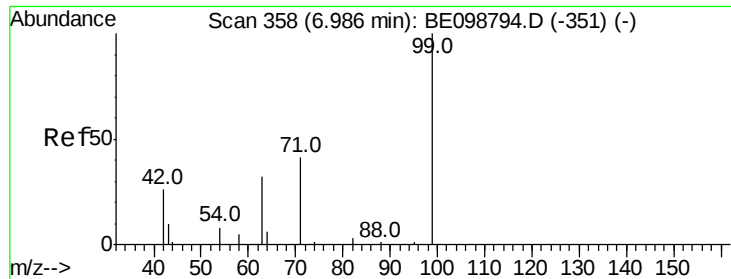


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.085 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.02 min

Lab File: BE098929.D

Acq: 14 Mar 2019 3:07

Instrument :

BNA_E

ClientSampleId :

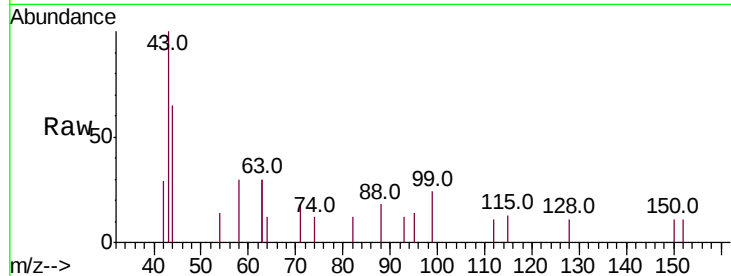
Tot Ion: 99 Resp: 274

Ion Ratio Lower Upper

99 100

42 26.6 24.2 36.2

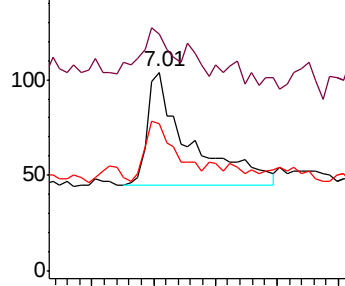
71 39.4 35.7 53.5



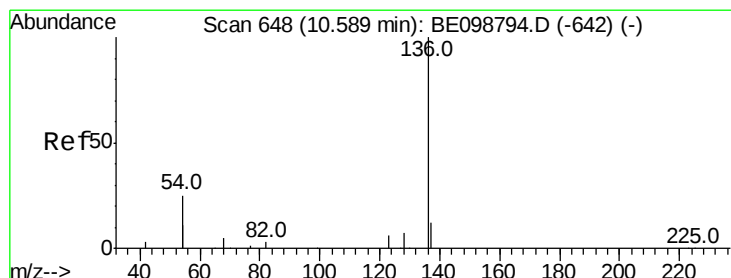
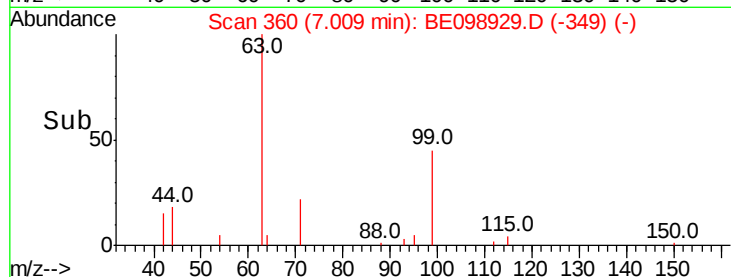
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE098929.D

Acq: 14 Mar 2019 3:07

Tgt Ion:136 Resp: 3372

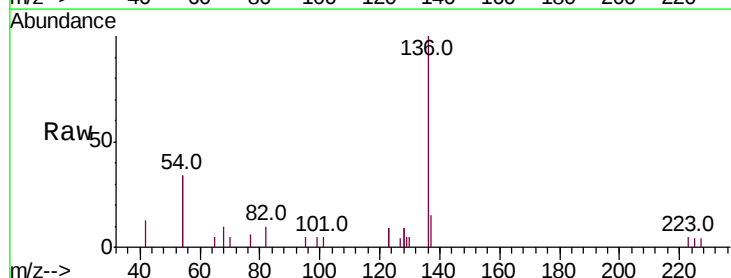
Ion Ratio Lower Upper

136 100

137 14.8 11.4 17.0

54 68.5 39.3 58.9#

68 10.4 6.7 10.1#

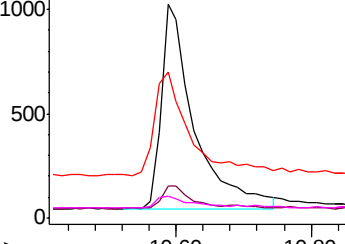


Abundance Ion 136.00 (135.70 to 136.70): E

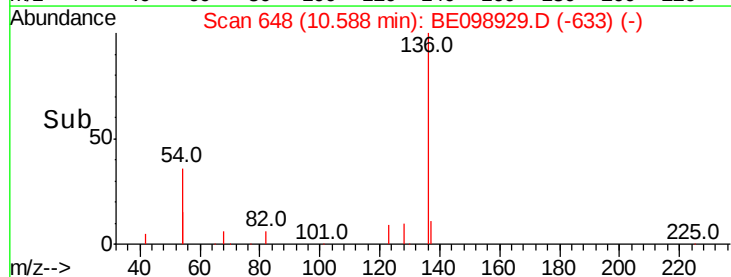
Ion 137.00 (136.70 to 137.70): E

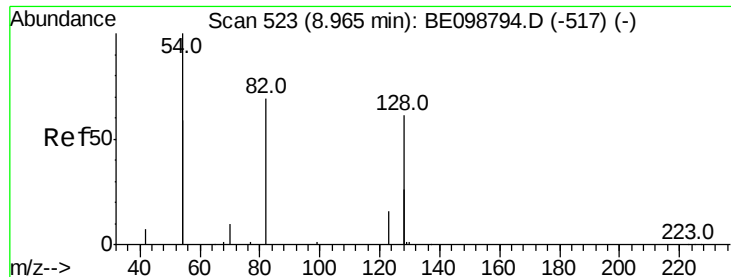
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->





#8

Nitrobenzene-d5

Concen: 0.315 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.02 min

Lab File: BE098929.D

Acq: 14 Mar 2019 3:07

Instrument :

BNA_E

ClientSampleId :

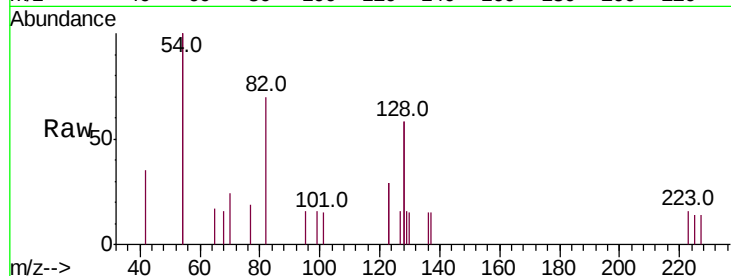
Tot Ion: 82 Resp: 1113

Ion Ratio Lower Upper

82 100

128 164.7 123.8 185.8

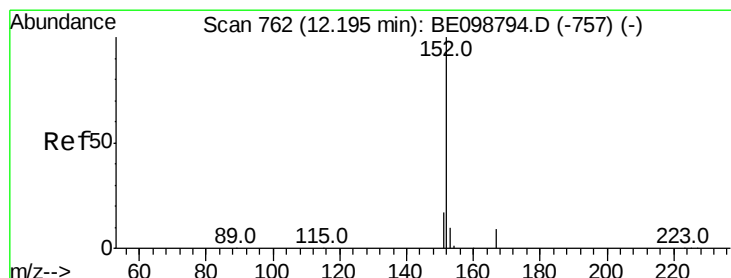
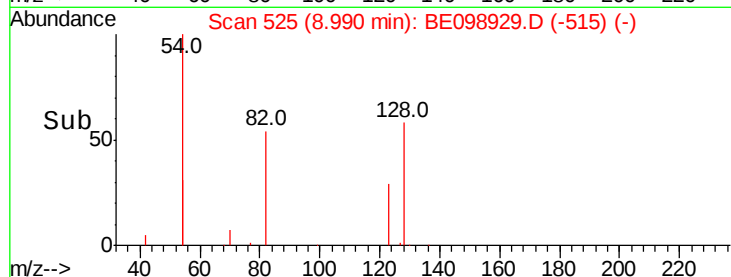
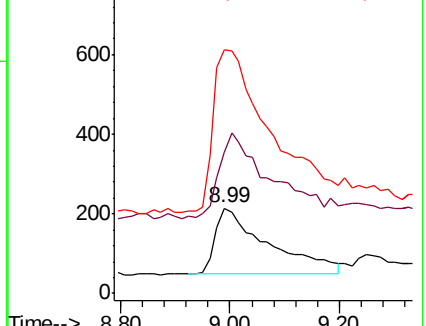
54 284.7 203.4 305.2



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: 0.340 ng

RT: 12.20 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE098929.D

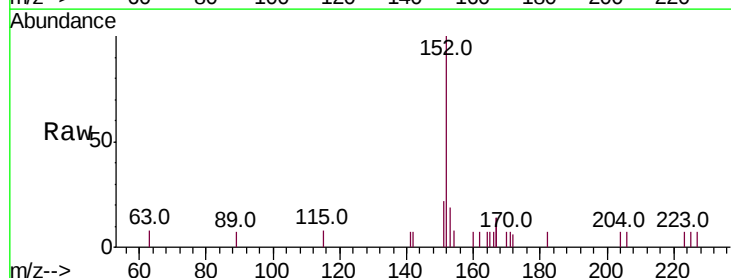
Acq: 14 Mar 2019 3:07

Tgt Ion: 152 Resp: 2117

Ion Ratio Lower Upper

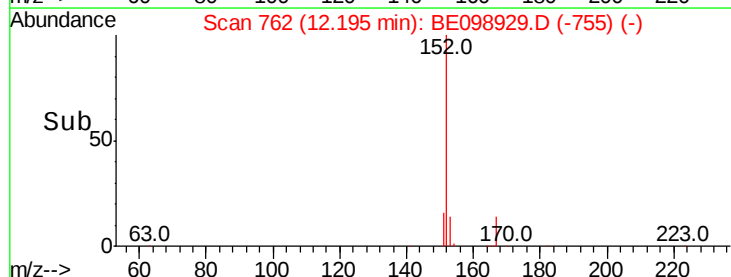
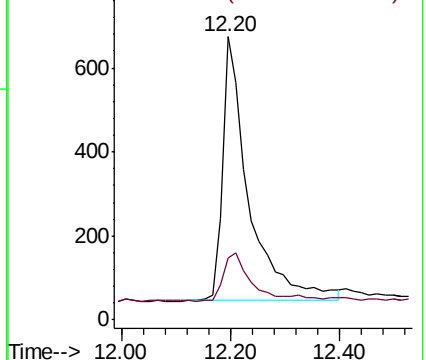
152 100

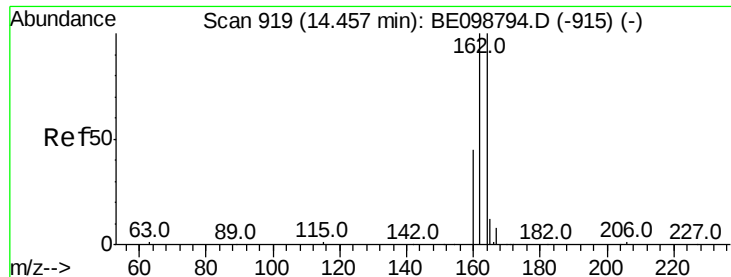
151 20.9 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

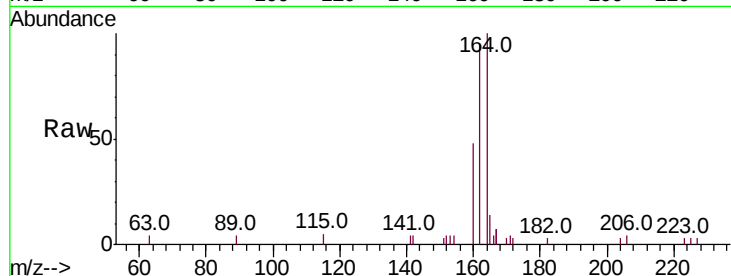




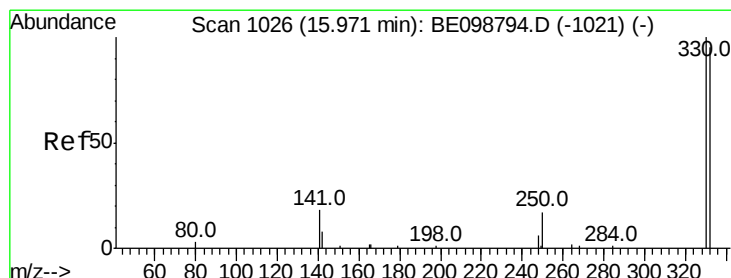
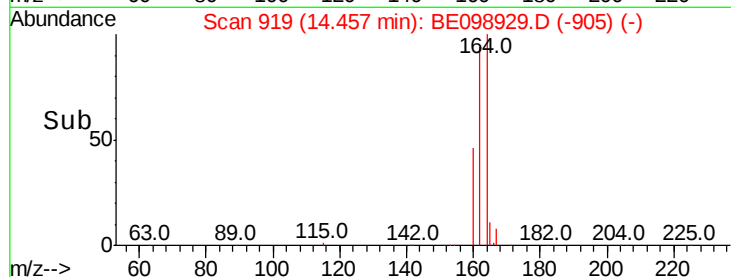
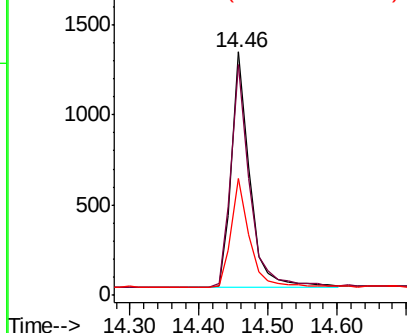
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE098929.D
Acq: 14 Mar 2019 3:07

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 2406
Ion Ratio Lower Upper
164 100
162 94.6 80.2 120.2
160 48.2 37.8 56.8

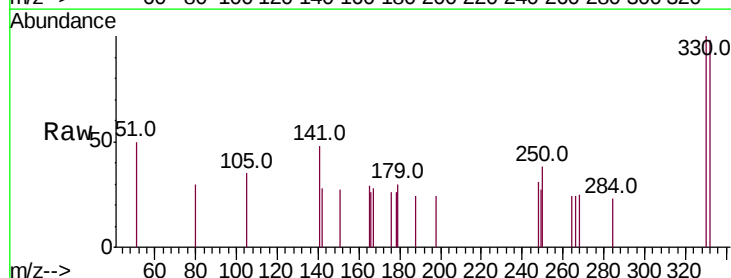


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

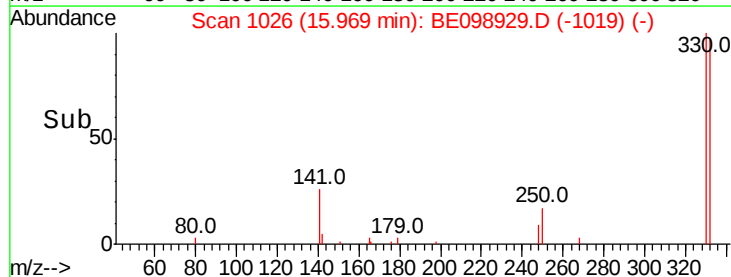
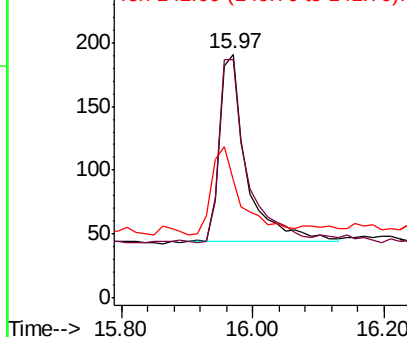


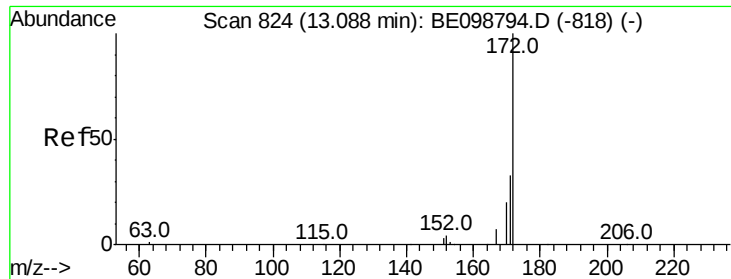
#14
2,4,6-Tribromophenol
Concen: 0.348 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE098929.D
Acq: 14 Mar 2019 3:07

Tgt Ion:330 Resp: 423
Ion Ratio Lower Upper
330 100
332 102.4 77.6 116.4
141 51.3 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

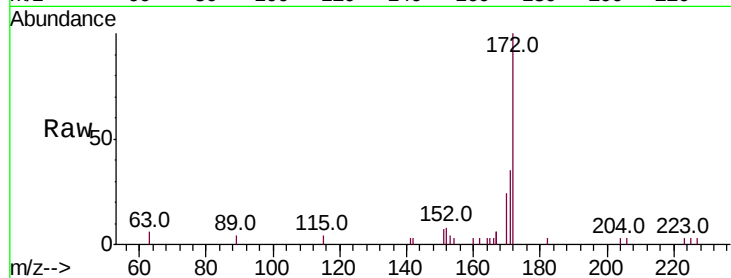




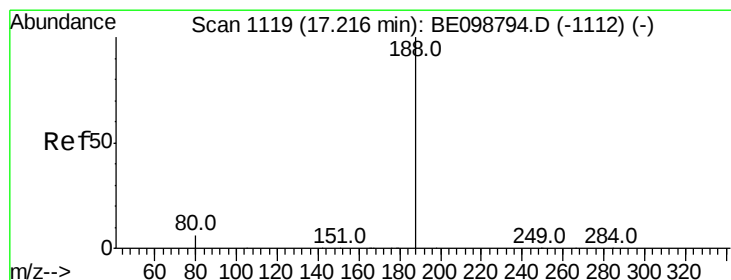
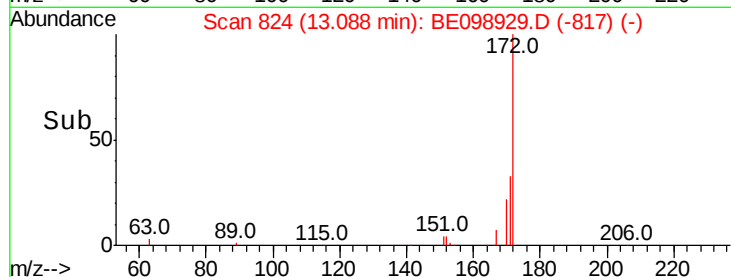
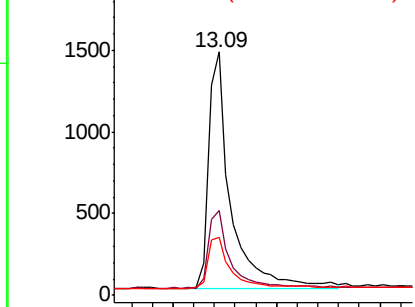
#15
 2-Fluorobiphenyl
 Concen: 0.430 ng
 RT: 13.09 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BE098929.D
 Acq: 14 Mar 2019 3:07

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:172 Resp: 4285
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.0 42.0
 170 23.9 17.7 26.5

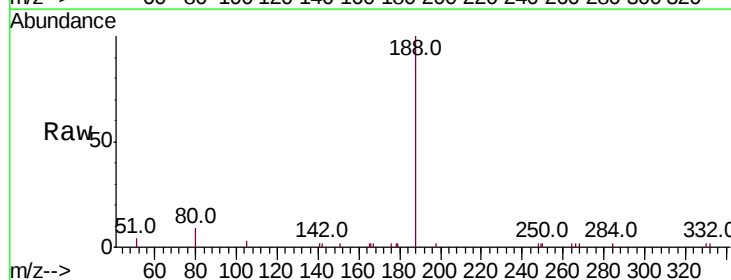


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

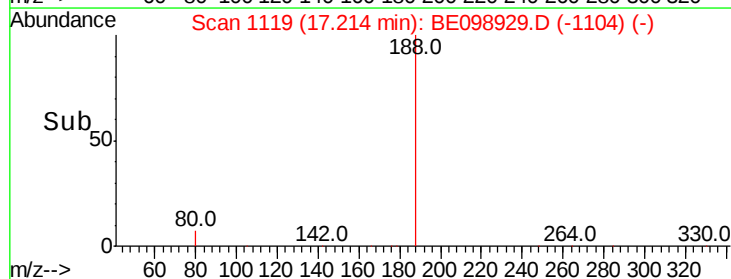
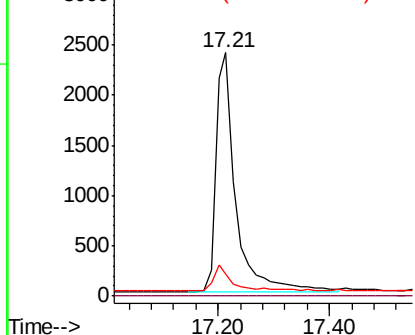


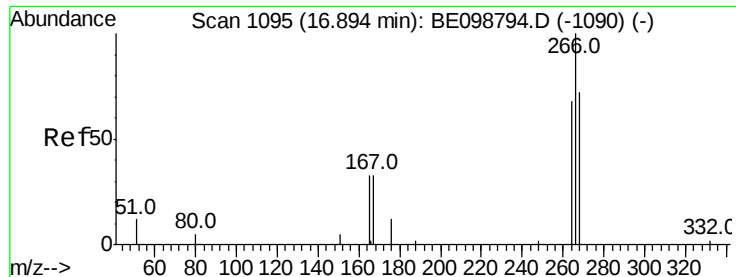
#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.21 min Scan# 1119
 Delta R.T. -0.00 min
 Lab File: BE098929.D
 Acq: 14 Mar 2019 3:07

Tgt Ion:188 Resp: 5894
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 9.1 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

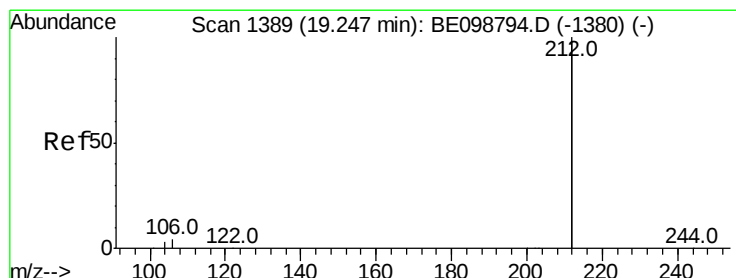
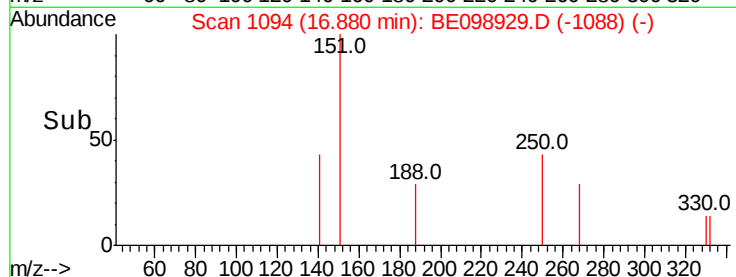
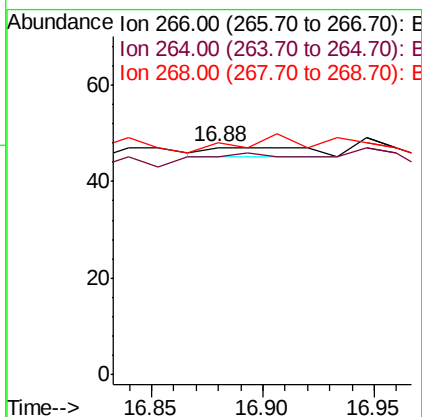
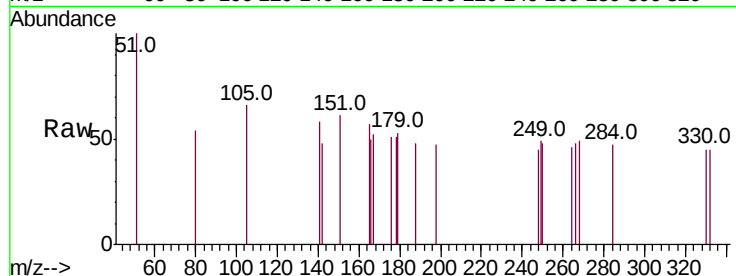




#22
 Pentachlorophenol
 Concen: 0.269 ng
 RT: 16.88 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BE098929.D
 Acq: 14 Mar 2019 3:07

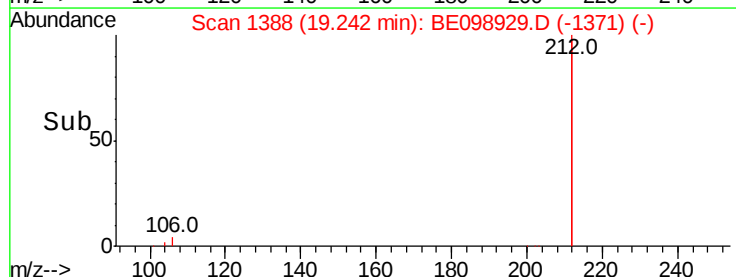
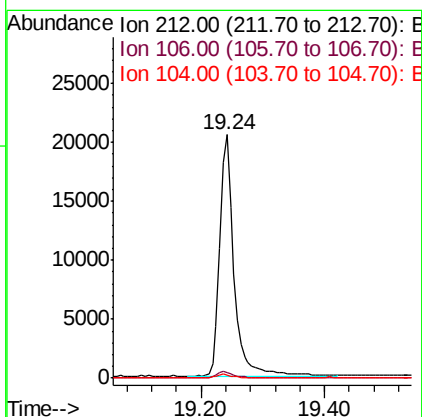
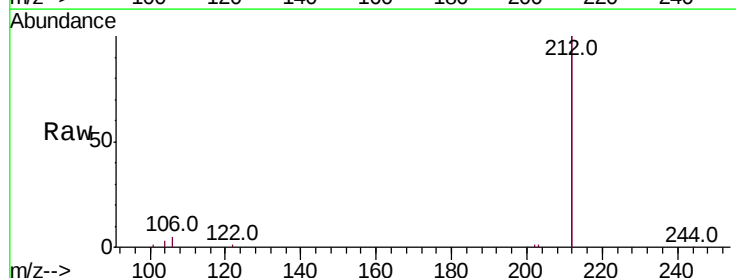
Instrument :
 BNA_E
 ClientSampleId :

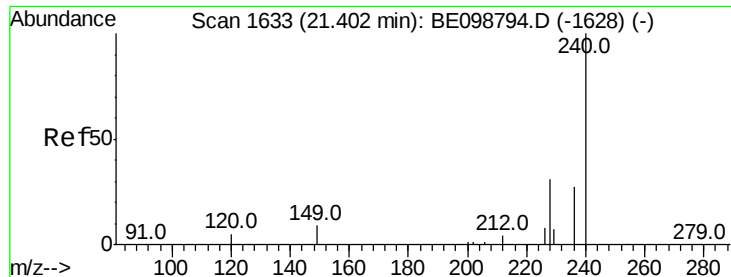
Tot Ion:266 Resp: 6
 Ion Ratio Lower Upper
 266 100
 264 95.7 66.6 100.0
 268 102.1 69.8 104.8



#25
 Fluoranthene-d10
 Concen: 0.346 ng
 RT: 19.24 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: BE098929.D
 Acq: 14 Mar 2019 3:07

Tgt Ion:212 Resp: 32551
 Ion Ratio Lower Upper
 212 100
 106 2.4 1.8 2.8
 104 1.4 1.0 1.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.39 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BE098929.D

Acq: 14 Mar 2019 3:07

Instrument :

BNA_E

ClientSampled :

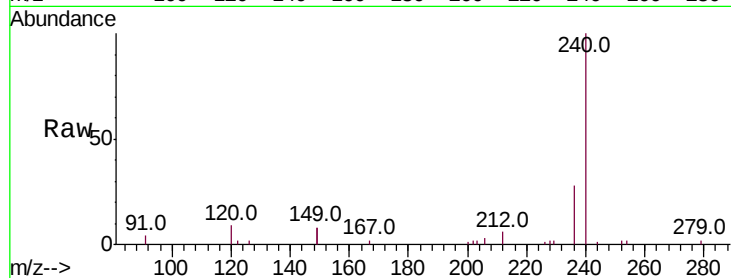
Tot Ion:240 Resp: 7258

Ion Ratio Lower Upper

240 100

120 8.6 5.0 7.4#

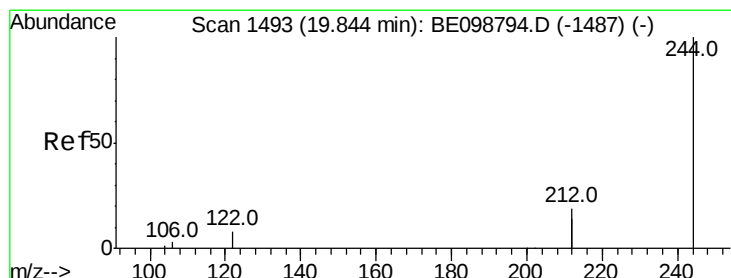
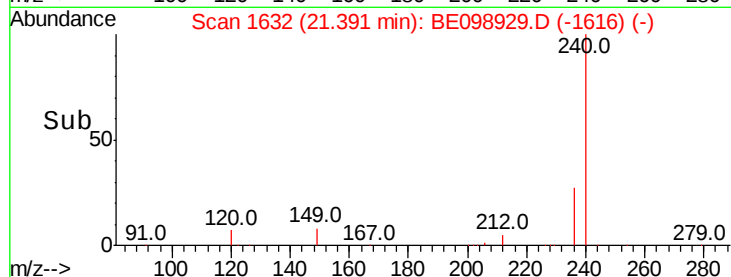
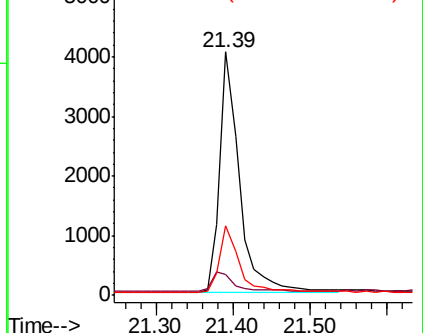
236 28.3 22.7 34.1



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: 0.450 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BE098929.D

Acq: 14 Mar 2019 3:07

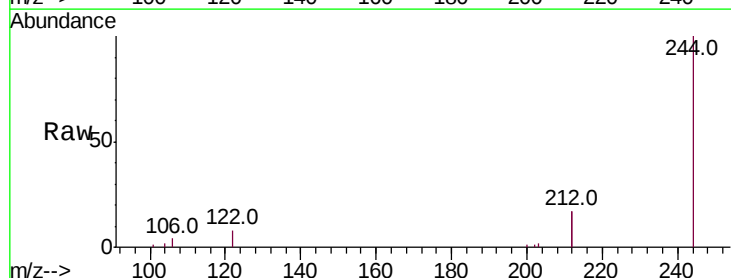
Tgt Ion:244 Resp: 7936

Ion Ratio Lower Upper

244 100

212 34.7 29.4 44.2

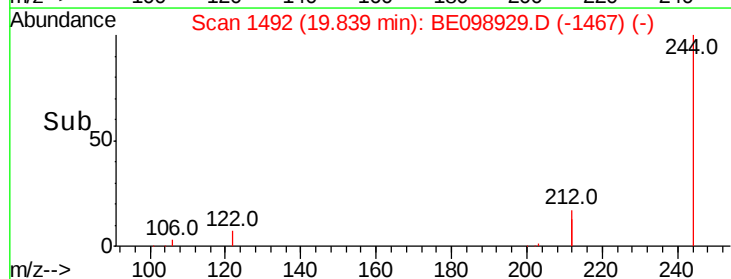
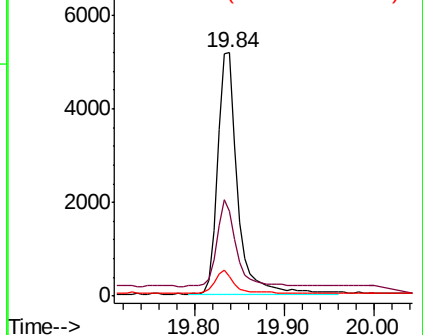
122 8.2 7.1 10.7

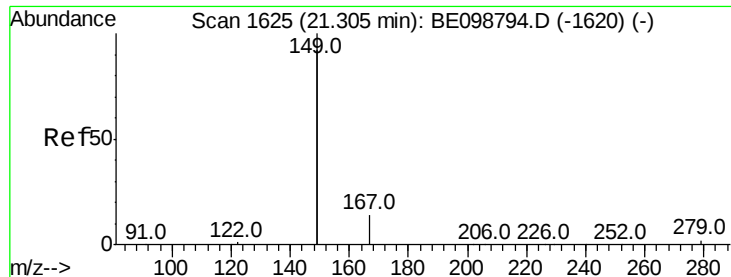


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.062 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098929.D

Acq: 14 Mar 2019 3:07

Instrument :

BNA_E

ClientSampleId :

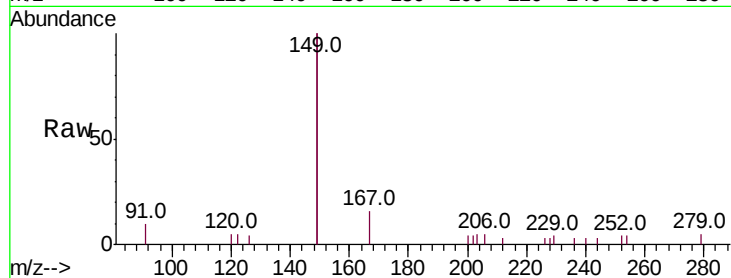
Tot Ion:149 Resp: 3005

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

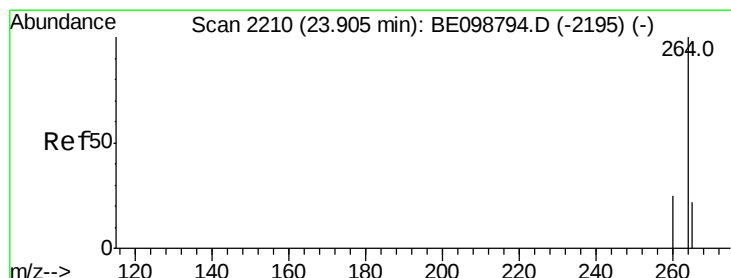
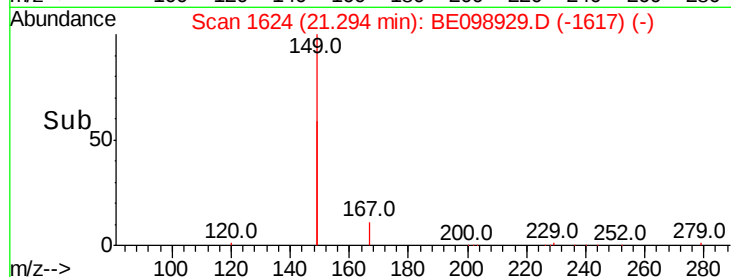
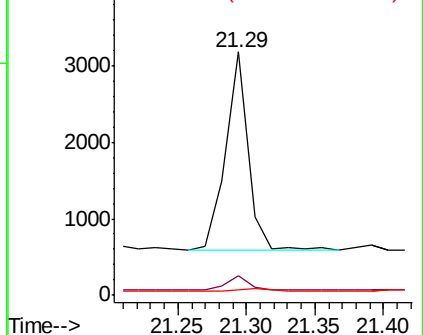
279 1.5 1.0 1.4#



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: 23.89 min Scan# 2206

Delta R.T. -0.02 min

Lab File: BE098929.D

Acq: 14 Mar 2019 3:07

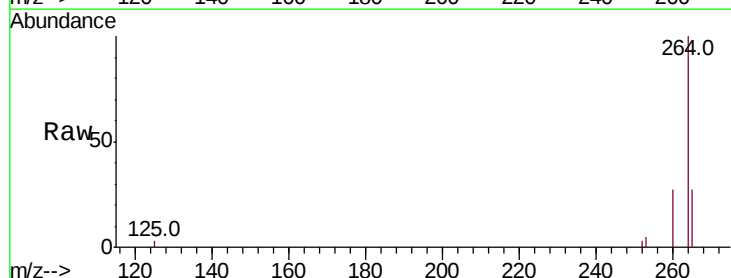
Tgt Ion:264 Resp: 7032

Ion Ratio Lower Upper

264 100

260 26.7 21.2 31.8

265 27.3 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

