

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031119\
 Data File : BE098870.D
 Acq On : 11 Mar 2019 20:10
 Operator : JU/SJ
 Sample : K1839-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TT101D1-20190307

Quant Time: Mar 12 07:31:21 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

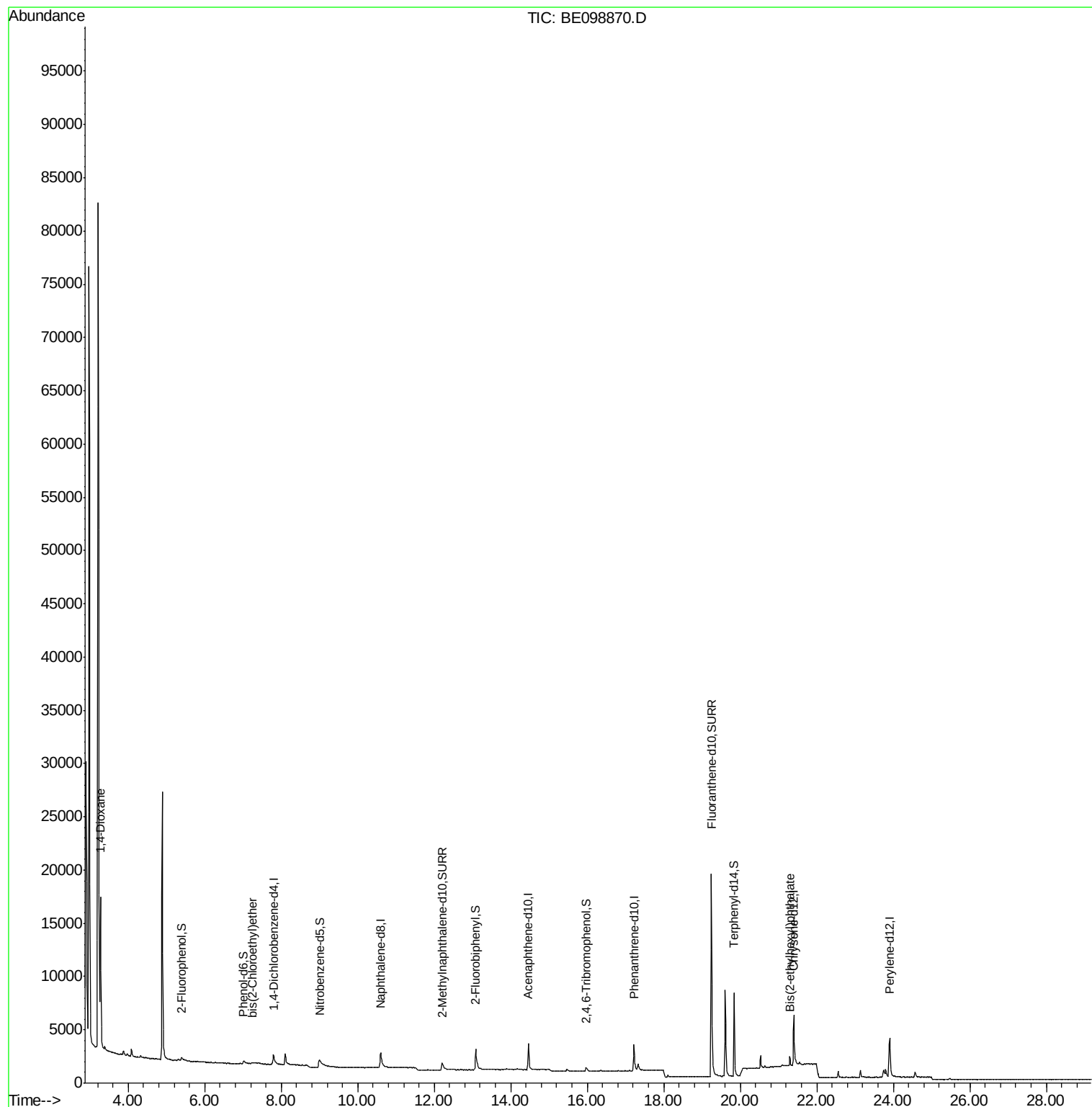
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	691	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	2942	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2138	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5053	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6625	0.40	ng	0.00
34) Perylene-d12	23.90	264	6386	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	305	0.15	ng	0.01
5) Phenol-d6	7.01	99	223	0.08	ng	0.02
8) Nitrobenzene-d5	9.00	82	1053	0.34	ng	0.04
11) 2-Methylnaphthalene-d10	12.21	152	2080	0.38	ng	0.02
14) 2,4,6-Tribromophenol	15.97	330	334	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	3570	0.40	ng	0.00
25) Fluoranthene-d10	19.25	212	31803	0.39	ng	0.00
29) Terphenyl-d14	19.84	244	7914	0.49	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	7459	6.907	ng	97
6) bis(2-Chloroethyl)ether	7.25	93	135	0.060	ng	# 62
32) Bis(2-ethylhexyl)phthalate	21.29	149	1251	0.028	ng	# 95

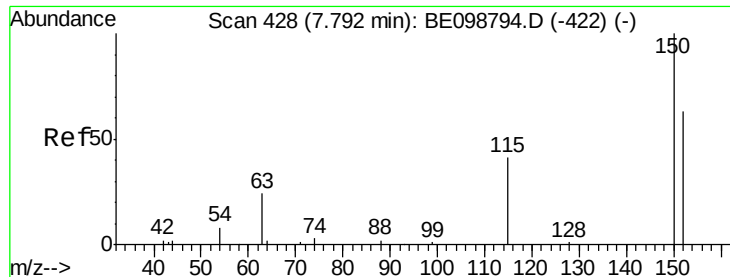
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE098870.D

Acq: 11 Mar 2019 20:10

Instrument :

BNA_E

ClientSampleId :

TT101D1-20190307

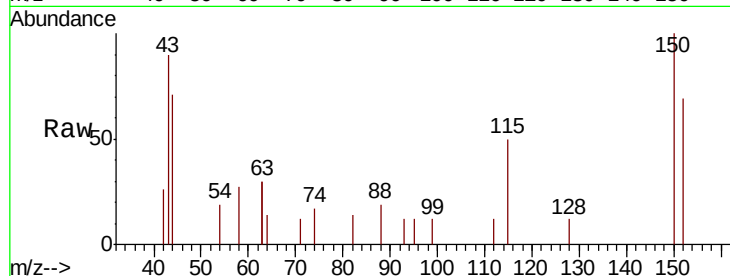
Tot Ion:152 Resp: 691

Ion Ratio Lower Upper

152 100

150 144.2 122.5 183.7

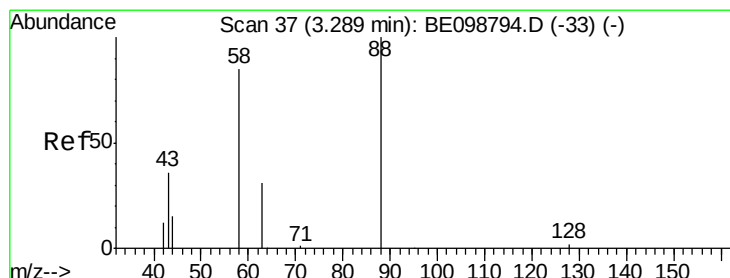
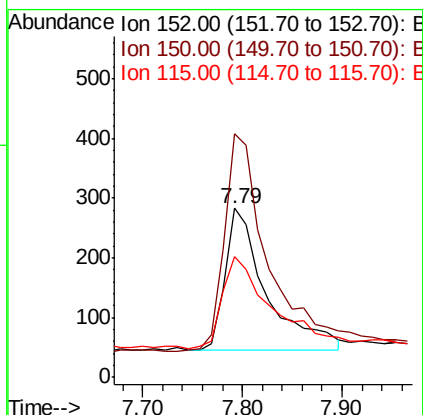
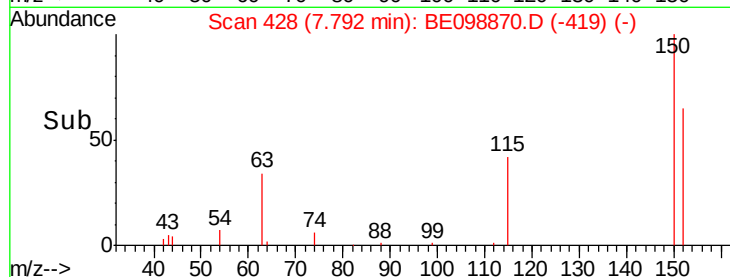
115 71.4 57.4 86.2



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



#2

1,4-Dioxane

Concen: 6.907 ng

RT: 3.28 min Scan# 36

Delta R.T. -0.01 min

Lab File: BE098870.D

Acq: 11 Mar 2019 20:10

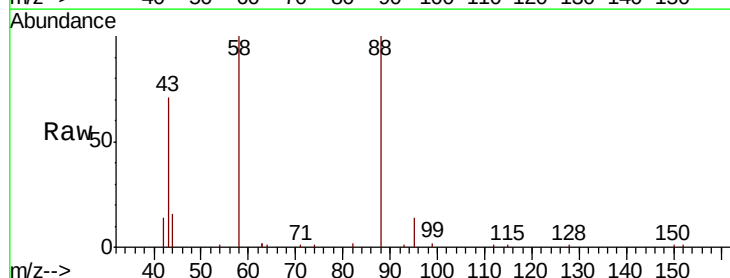
Tgt Ion: 88 Resp: 7459

Ion Ratio Lower Upper

88 100

58 95.6 75.8 113.6

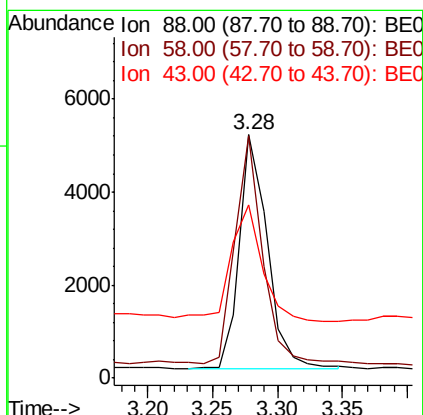
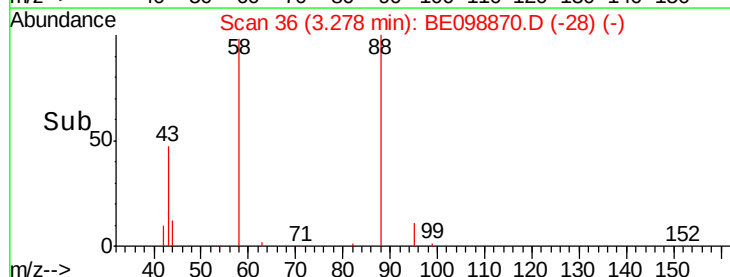
43 58.0 41.8 62.8

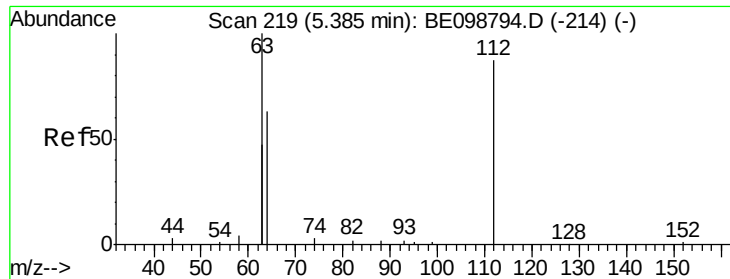


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.148 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.01 min

Lab File: BE098870.D

Acq: 11 Mar 2019 20:10

Instrument :

BNA_E

ClientSampleId :

TT101D1-20190307

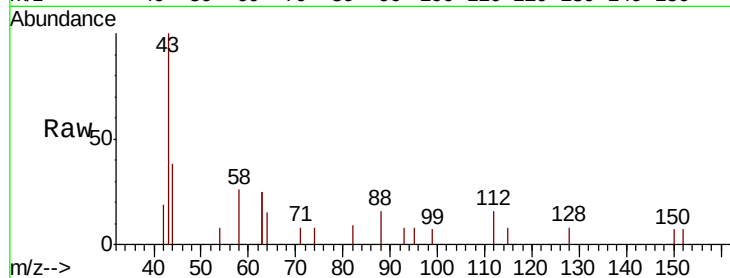
Tot Ion:112 Resp: 305

Ion Ratio Lower Upper

112 100

64 97.0 57.9 86.9#

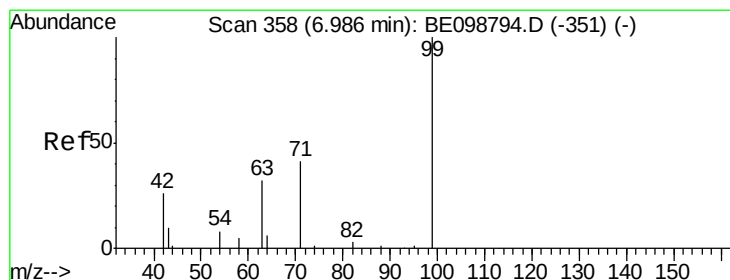
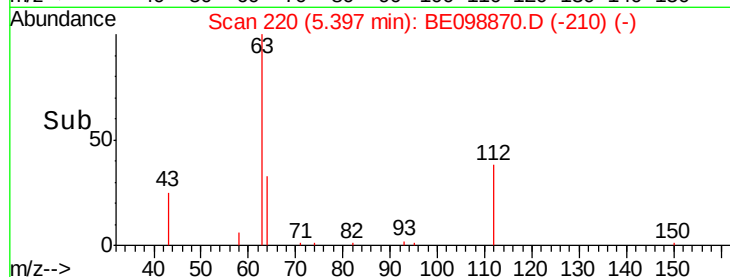
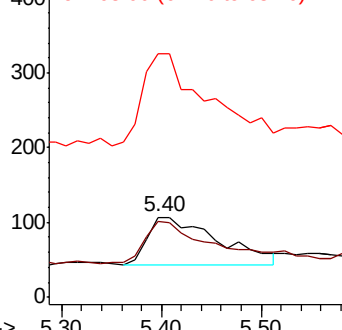
63 196.1 158.3 237.5



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: 0.076 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.02 min

Lab File: BE098870.D

Acq: 11 Mar 2019 20:10

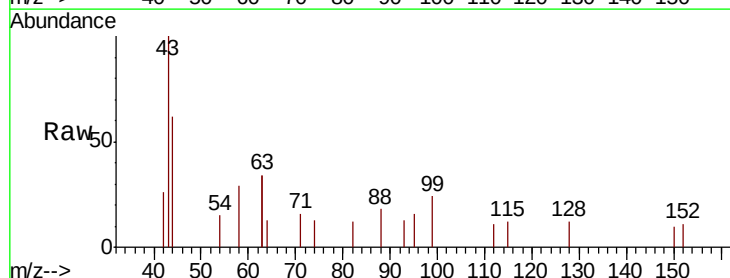
Tgt Ion: 99 Resp: 223

Ion Ratio Lower Upper

99 100

42 0.0 24.2 36.2#

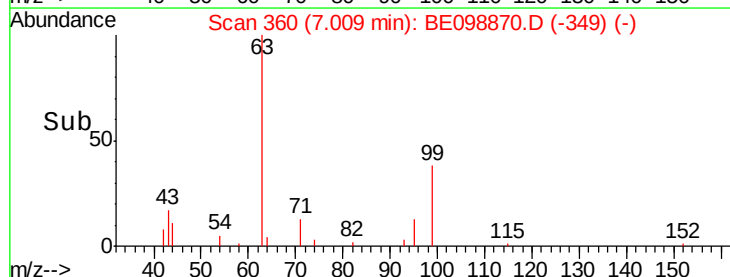
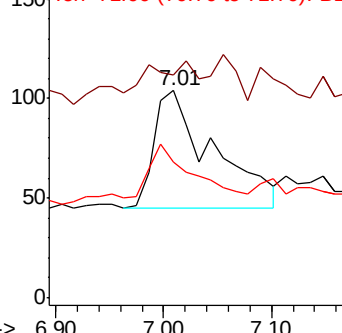
71 0.0 35.7 53.5#

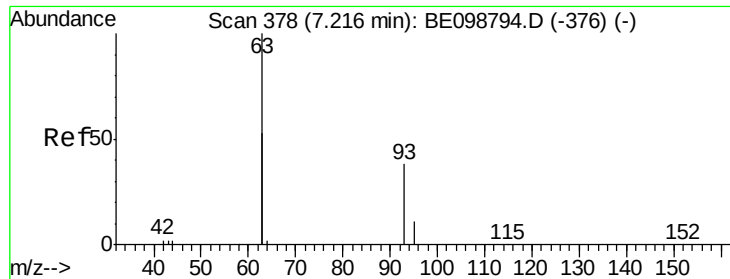


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.060 ng

RT: 7.25 min Scan# 381

Delta R.T. 0.03 min

Lab File: BE098870.D

Acq: 11 Mar 2019 20:10

Instrument :

BNA_E

ClientSampleId :

TT101D1-20190307

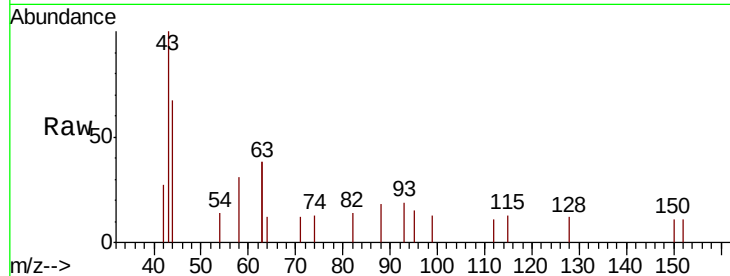
Tot Ion: 93 Resp: 135

Ion Ratio Lower Upper

93 100

63 227.4 247.5 371.3#

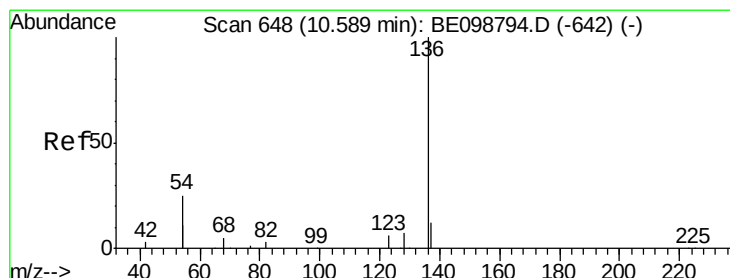
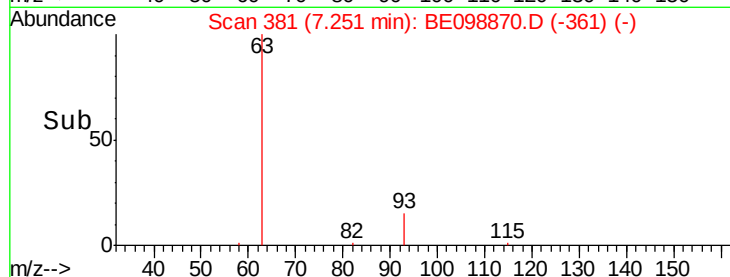
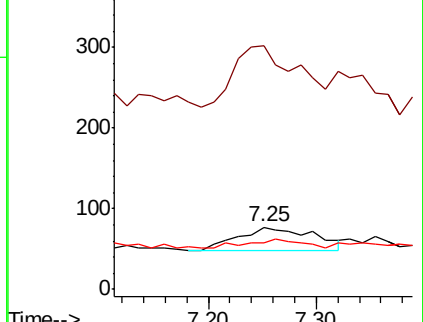
95 28.9 21.8 32.8



Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE098870.D

Acq: 11 Mar 2019 20:10

Tgt Ion: 136 Resp: 2942

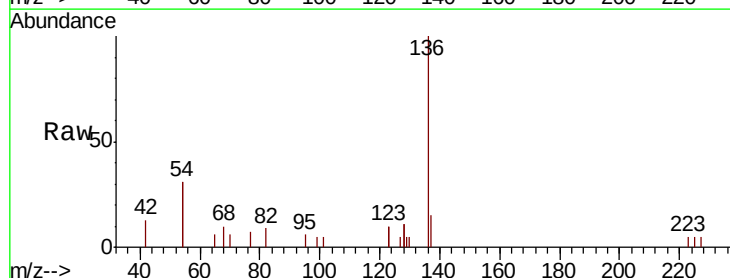
Ion Ratio Lower Upper

136 100

137 15.0 11.4 17.0

54 62.2 39.3 58.9#

68 10.1 6.7 10.1#

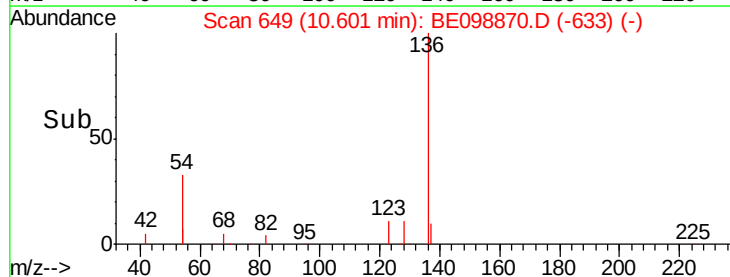
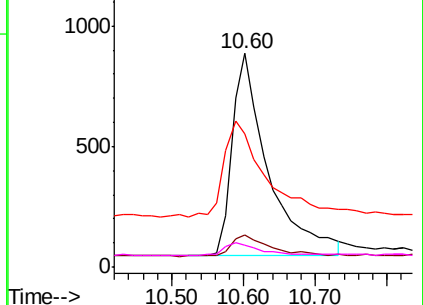


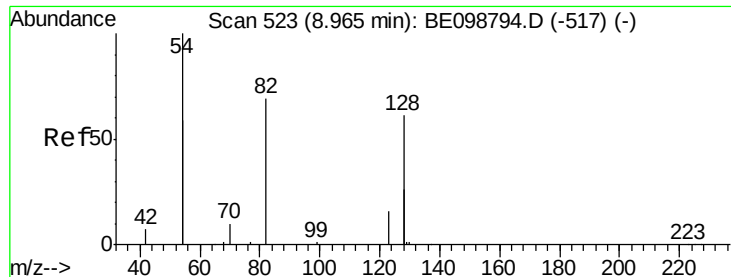
Abundance Ion 136.00 (135.70 to 136.70): E

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

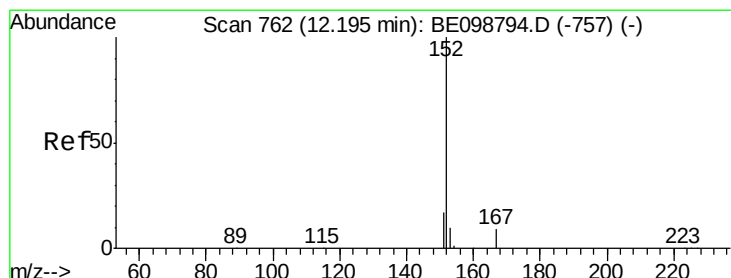
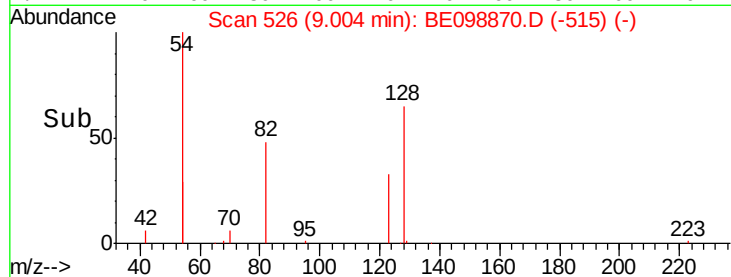
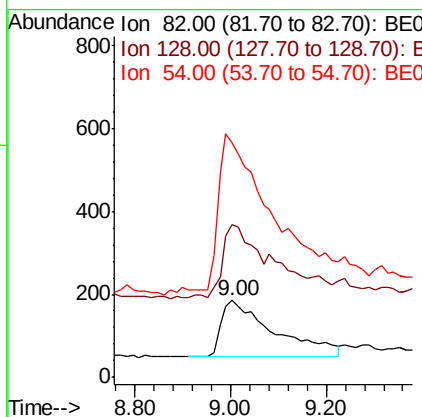
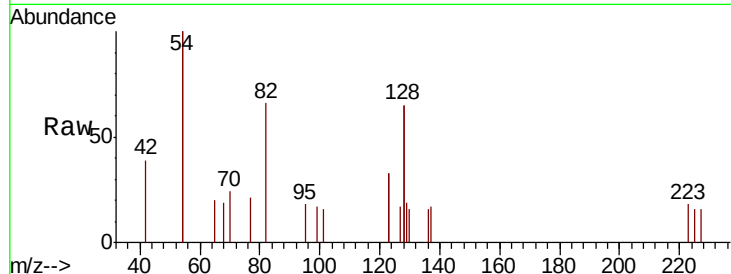




#8
 Nitrobenzene-d5
 Concen: 0.341 ng
 RT: 9.00 min Scan# 526
 Delta R.T. 0.04 min
 Lab File: BE098870.D
 Acq: 11 Mar 2019 20:10

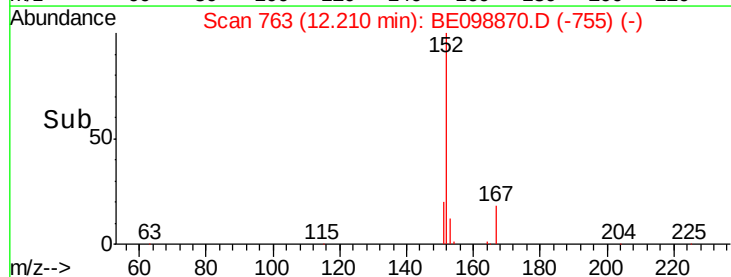
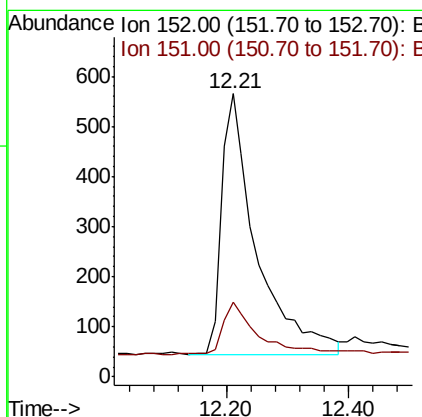
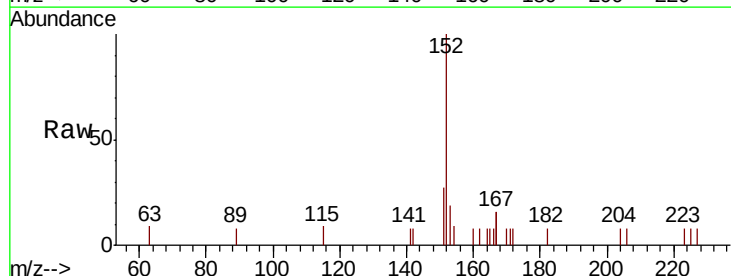
Instrument :
 BNA_E
 ClientSampleId :
 TT101D1-20190307

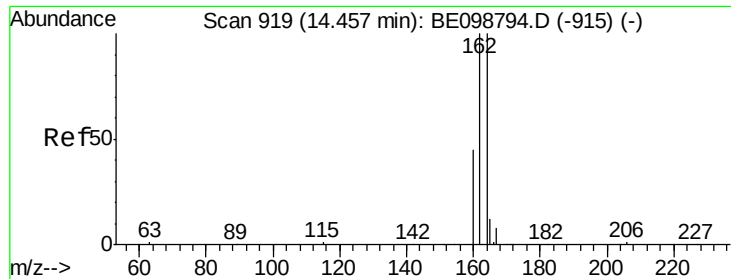
Tot Ion	Ratio	Lower	Upper
82	100		
128	197.8	123.8	185.8#
54	304.3	203.4	305.2



#11
 2-Methylnaphthalene-d10
 Concen: 0.383 ng
 RT: 12.21 min Scan# 763
 Delta R.T. 0.02 min
 Lab File: BE098870.D
 Acq: 11 Mar 2019 20:10

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.5	24.7

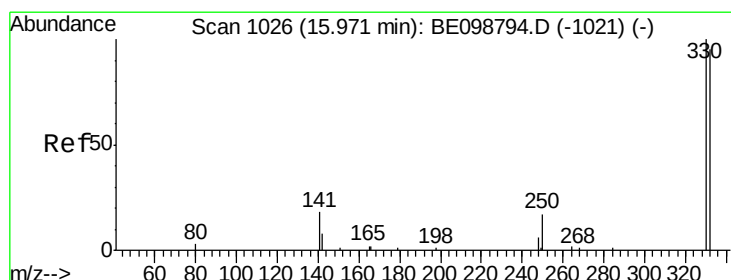
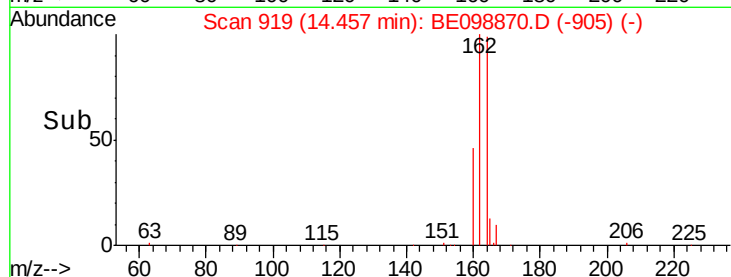
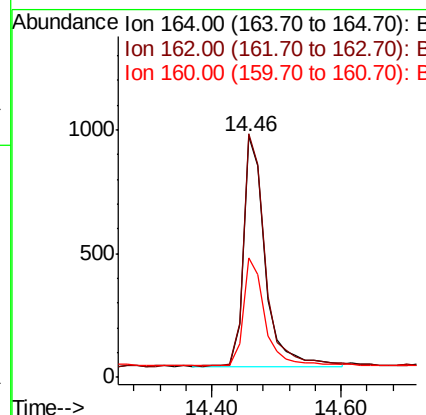
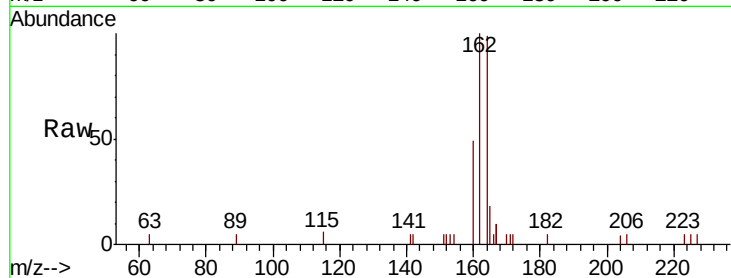




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE098870.D
Acq: 11 Mar 2019 20:10

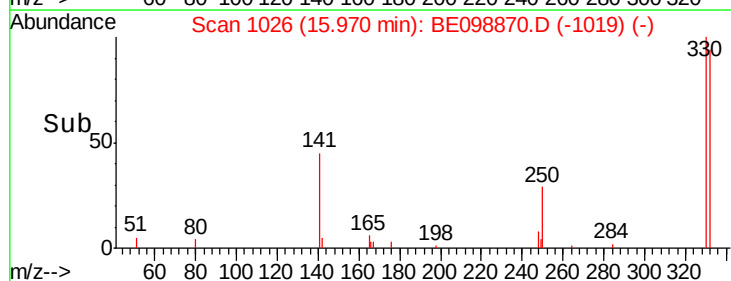
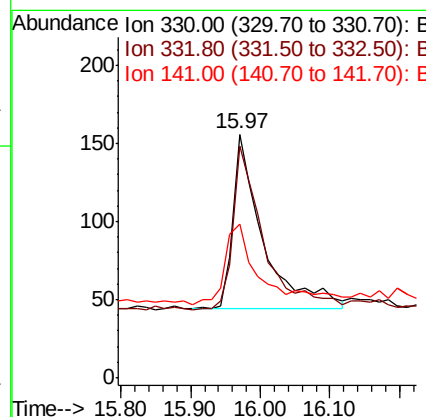
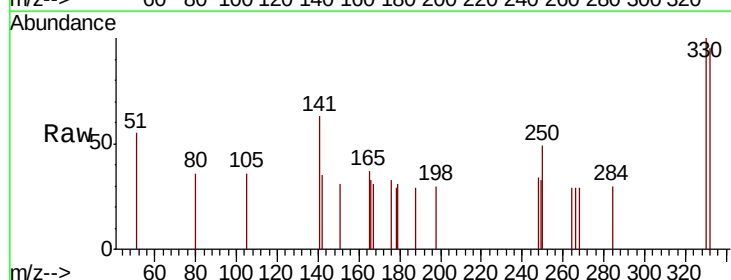
Instrument :
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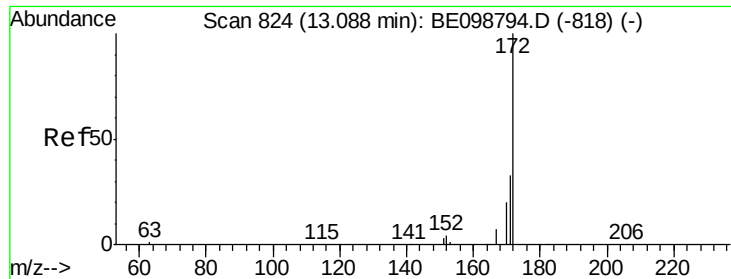
Tot Ion:164 Resp: 2138
Ion Ratio Lower Upper
164 100
162 101.1 80.2 120.2
160 49.5 37.8 56.8



#14
2,4,6-Tribromophenol
Concen: 0.310 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE098870.D
Acq: 11 Mar 2019 20:10

Tgt Ion:330 Resp: 334
Ion Ratio Lower Upper
330 100
332 98.5 77.6 116.4
141 54.8 31.0 46.4#

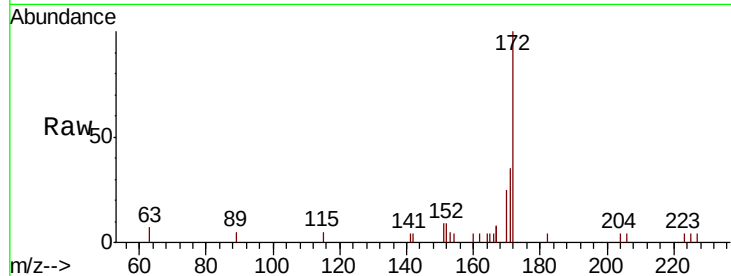




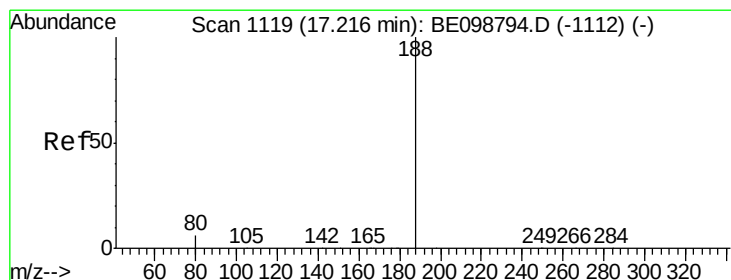
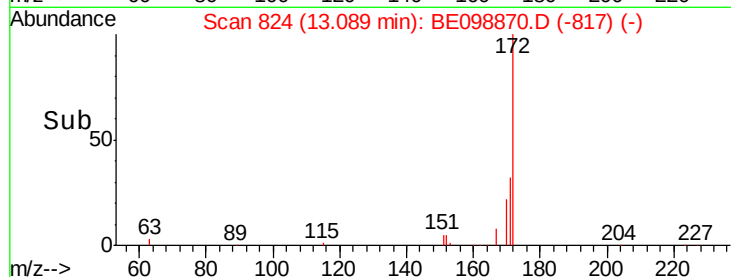
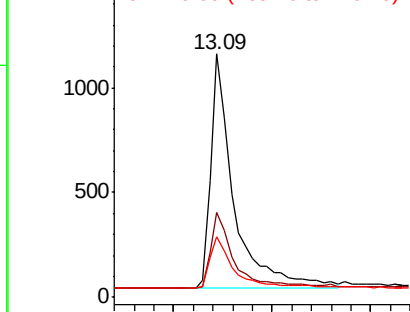
#15
2-Fluorobiphenyl
Concen: 0.403 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE098870.D
Acq: 11 Mar 2019 20:10

Instrument :
BNA_E
ClientSampleId :
TT101D1-20190307

Tot Ion:172 Resp: 3570
Ion Ratio Lower Upper
172 100
171 34.9 28.0 42.0
170 25.1 17.7 26.5

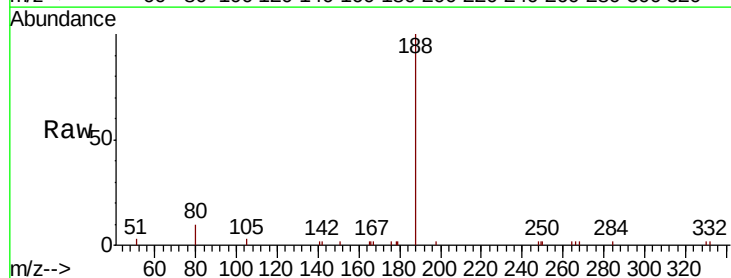


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

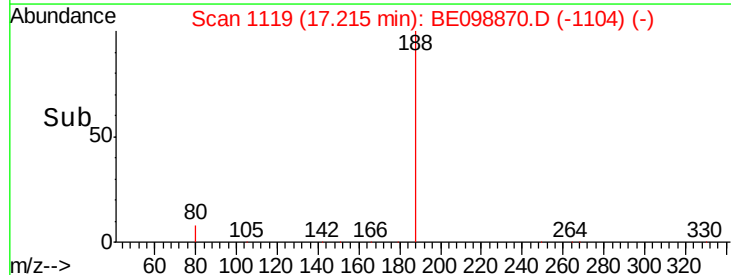
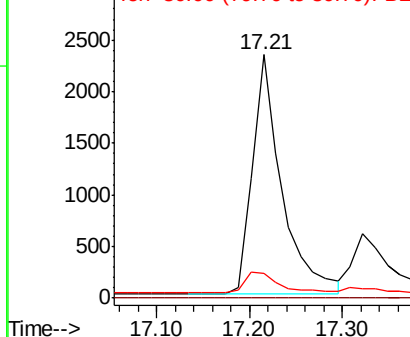


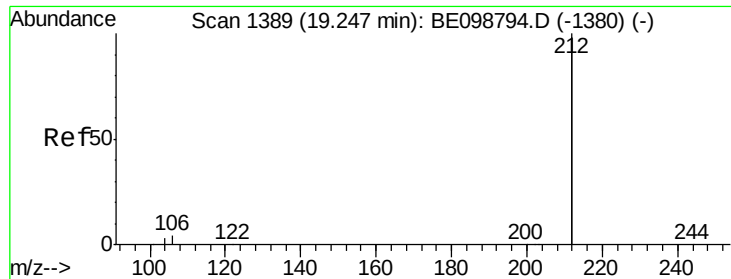
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE098870.D
Acq: 11 Mar 2019 20:10

Tgt Ion:188 Resp: 5053
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.3 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

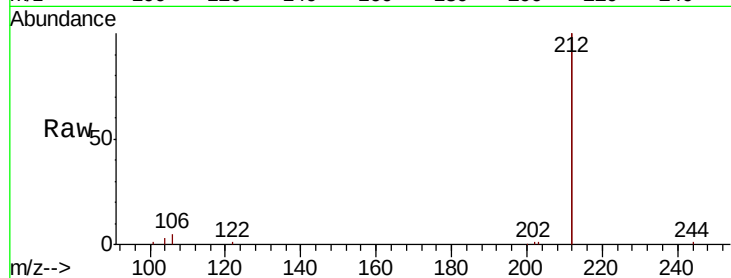




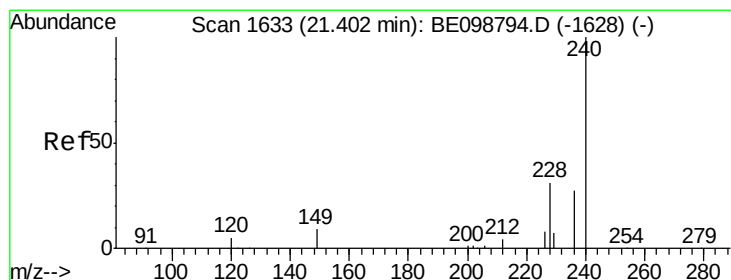
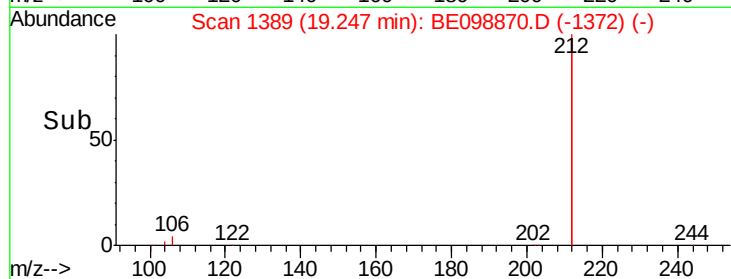
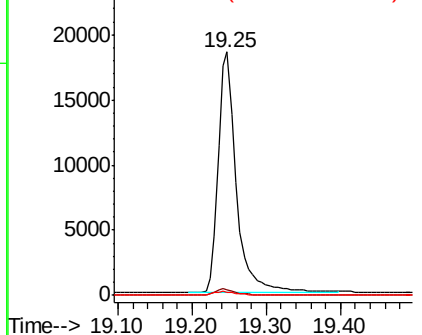
#25
 Fluoranthene-d10
 Concen: 0.394 ng
 RT: 19.25 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: BE098870.D
 Acq: 11 Mar 2019 20:10

Instrument :
 BNA_E
 ClientSampleId :
 TT101D1-20190307

Tot Ion:212 Resp: 31803
 Ion Ratio Lower Upper
 212 100
 106 2.4 1.8 2.8
 104 1.4 1.0 1.6

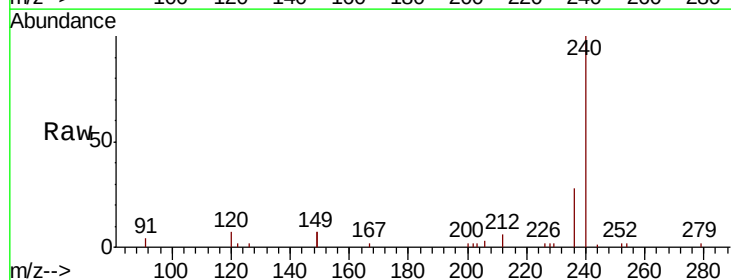


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

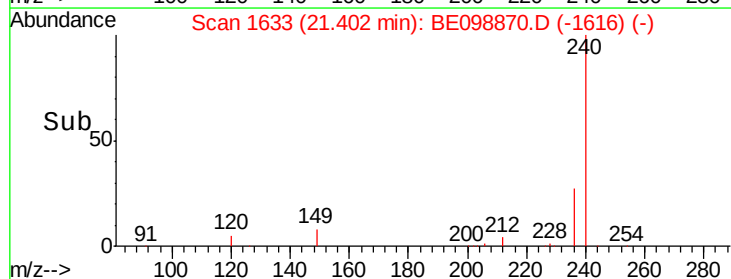
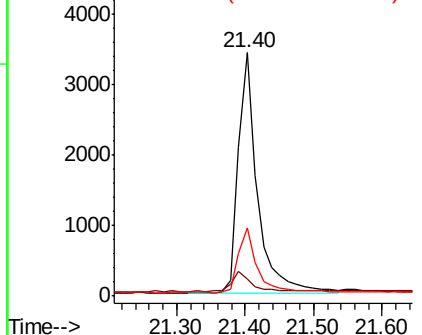


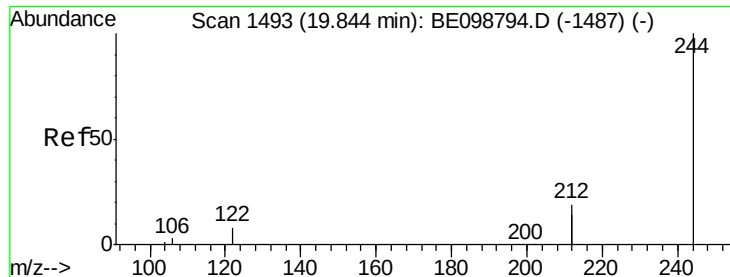
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: BE098870.D
 Acq: 11 Mar 2019 20:10

Tgt Ion:240 Resp: 6625
 Ion Ratio Lower Upper
 240 100
 120 7.2 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: 0.492 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE098870.D

Acq: 11 Mar 2019 20:10

Instrument :

BNA_E

ClientSampleId :

TT101D1-20190307

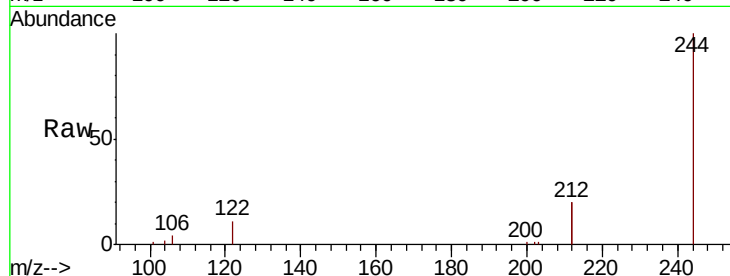
Tot Ion:244 Resp: 7914

Ion Ratio Lower Upper

244 100

212 39.5 29.4 44.2

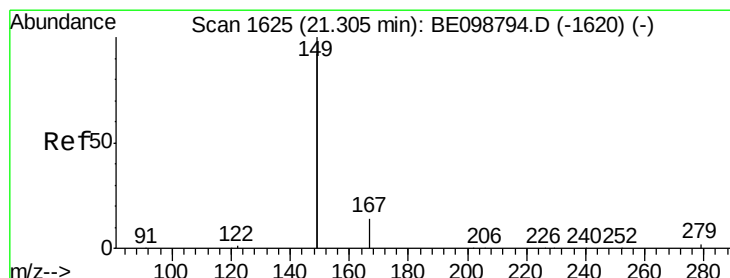
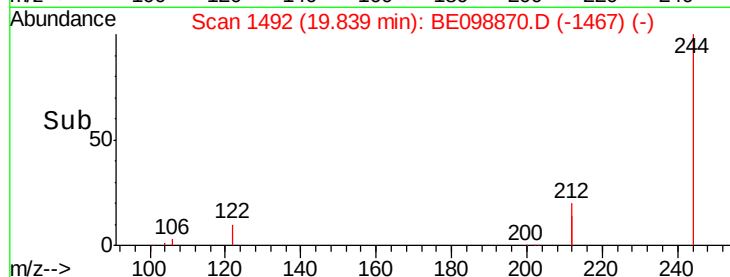
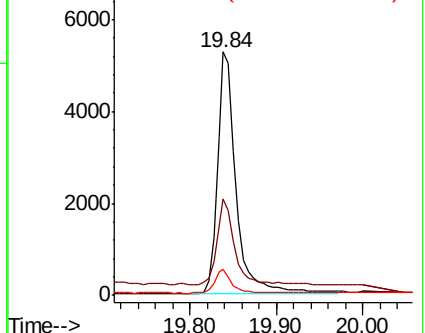
122 10.5 7.1 10.7



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: 0.028 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098870.D

Acq: 11 Mar 2019 20:10

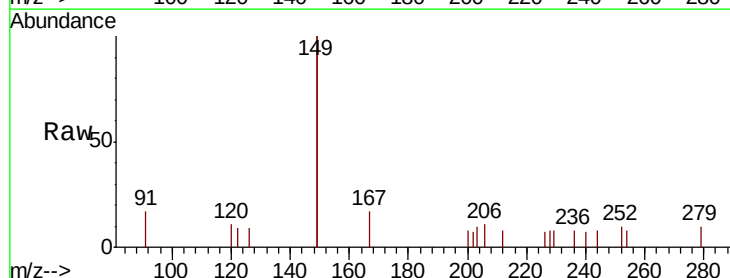
Tgt Ion:149 Resp: 1251

Ion Ratio Lower Upper

149 100

167 8.3 5.4 8.0#

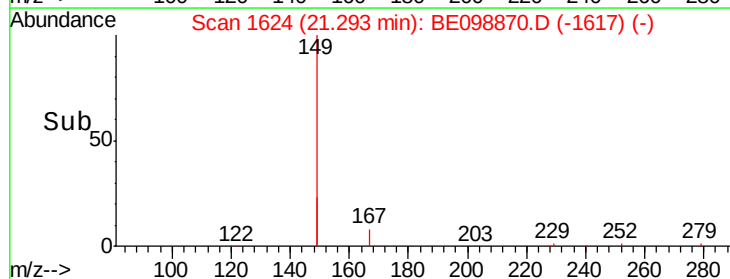
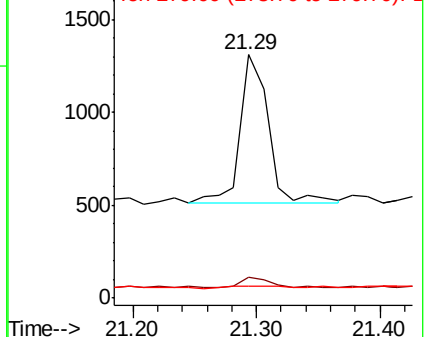
279 4.3 1.0 1.4#

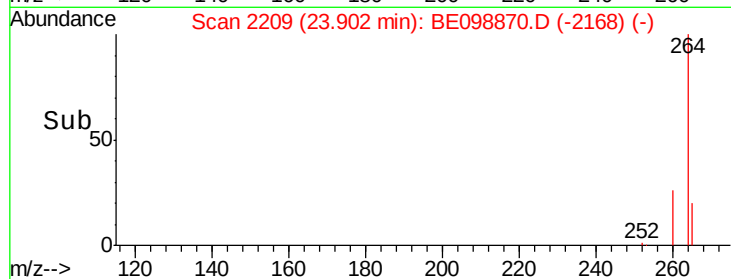
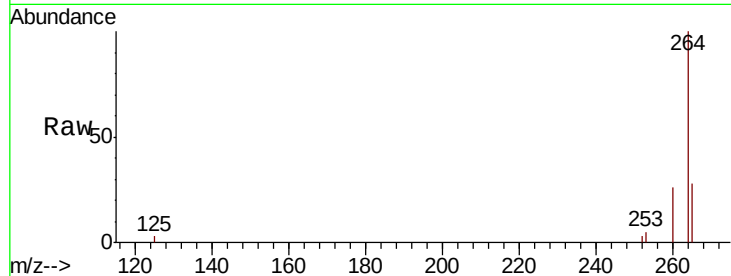
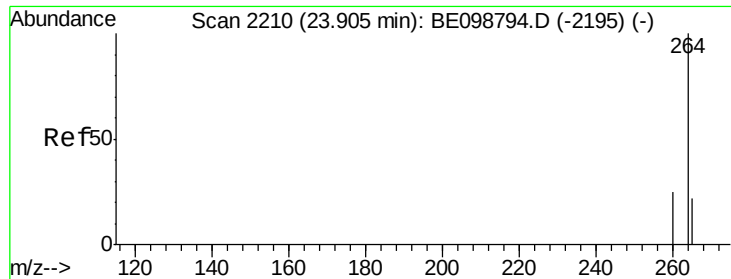


Abundance Ion 149.00 (148.70 to 149.70): E

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: BE098870.D
Acq: 11 Mar 2019 20:10

Instrument :
BNA_E
ClientSampleId :
TT101D1-20190307

Tot Ion:264 Resp: 6386

Ion	Ratio	Lower	Upper
264	100		
260	26.1	21.2	31.8
265	27.6	24.6	36.8

