

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031119\
 Data File : BE098858.D
 Acq On : 11 Mar 2019 11:48
 Operator : JU/SJ
 Sample : K1793-12DL 2X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE126D1-20190306DL

Quant Time: Mar 19 05:34:03 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

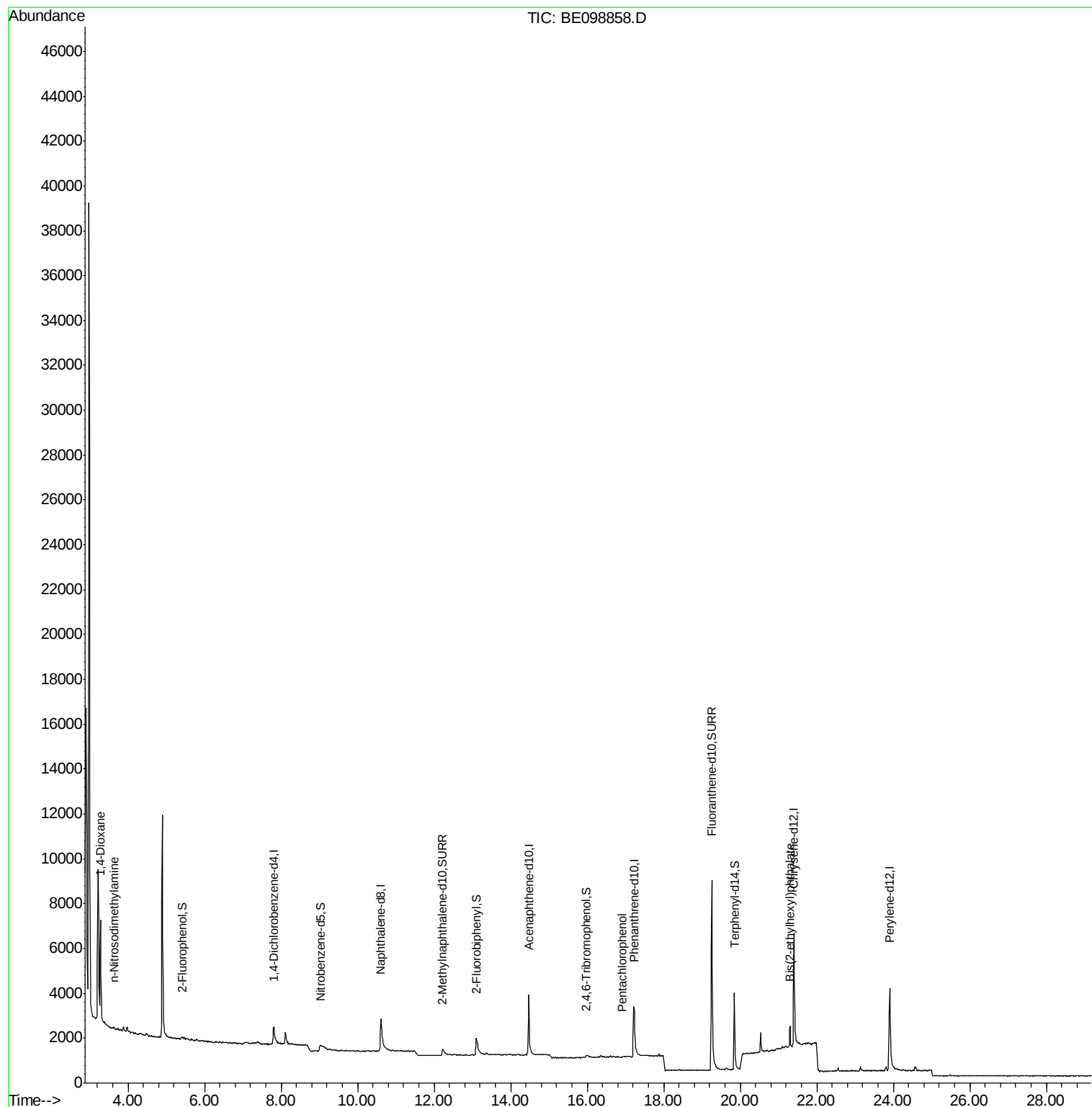
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	760	0.40	ng	0.01
7) Naphthalene-d8	10.60	136	3215	0.40	ng	0.01
13) Acenaphthene-d10	14.47	164	2328	0.40	ng	0.01
19) Phenanthrene-d10	17.22	188	6051	0.40	ng	0.00
27) Chrysene-d12	21.40	240	7142	0.40	ng	0.00
34) Perylene-d12	23.91	264	7118	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.42	112	123	0.05	ng	0.04
5) Phenol-d6	6.98	99	7	0.00	ng	-0.01
8) Nitrobenzene-d5	9.03	82	501	0.15	ng	0.06
11) 2-Methylnaphthalene-d10	12.22	152	1068	0.18	ng	0.03
14) 2,4,6-Tribromophenol	15.98	330	174	0.15	ng	0.01
15) 2-Fluorobiphenyl	13.10	172	1976	0.21	ng	0.01
25) Fluoranthene-d10	19.25	212	16531	0.17	ng	0.00
29) Terphenyl-d14	19.85	244	3937	0.23	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	2749	2.245	ng	96
3) n-Nitrosodimethylamine	3.64	42	50	0.026	ng	# 41
22) Pentachlorophenol	16.91	266	10	0.272	ng	87
32) Bis(2-ethylhexyl)phthalate	21.31	149	1430	0.030	ng	# 96

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

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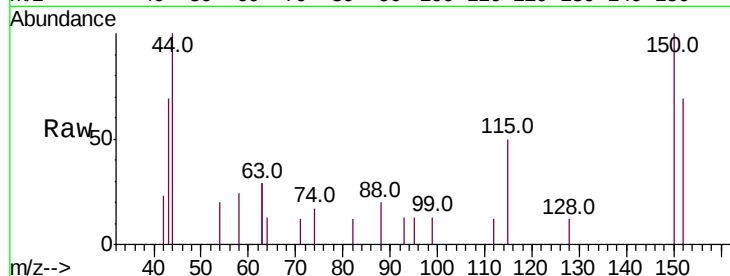


#1

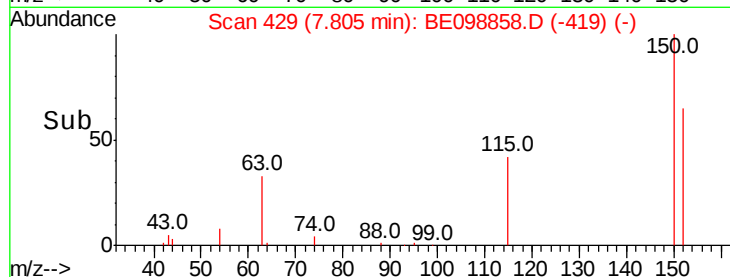
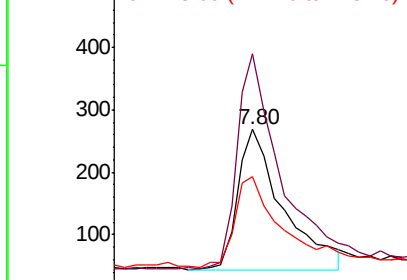
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.01 min
Lab File: BE098858.D
Acq: 11 Mar 2019 11:48

Instrument :
BNA_E
ClientSampleId :
RE126D1-20190306DL

Tot Ion:152 Resp: 760
Ion Ratio Lower Upper
152 100
150 145.0 122.5 183.7
115 72.1 57.4 86.2



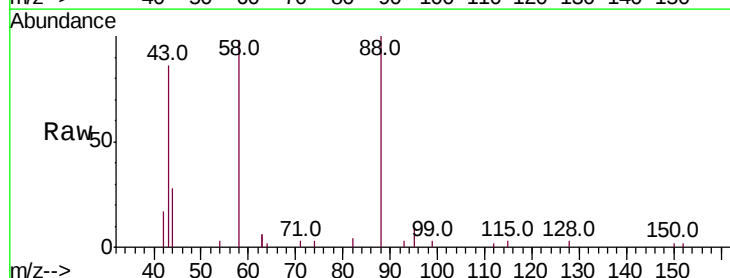
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



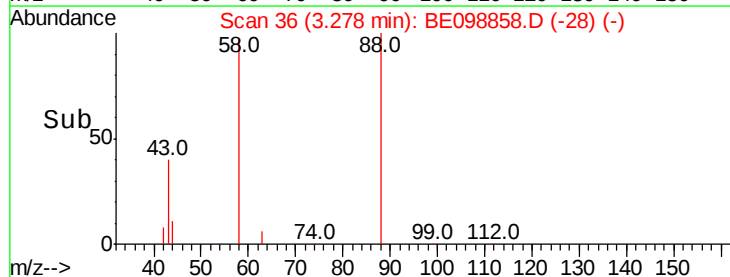
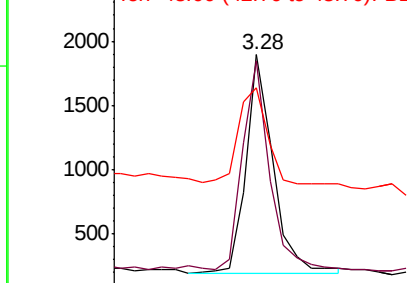
#2

1,4-Dioxane
Concen: 2.245 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098858.D
Acq: 11 Mar 2019 11:48

Tgt Ion: 88 Resp: 2749
Ion Ratio Lower Upper
88 100
58 92.8 75.8 113.6
43 46.7 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: 0.026 ng

RT: 3.64 min Scan# 67

Delta R.T. 0.01 min

Lab File: BE098858.D

Acq: 11 Mar 2019 11:48

Instrument :

BNA_E

ClientSampleId :

RE126D1-20190306DL

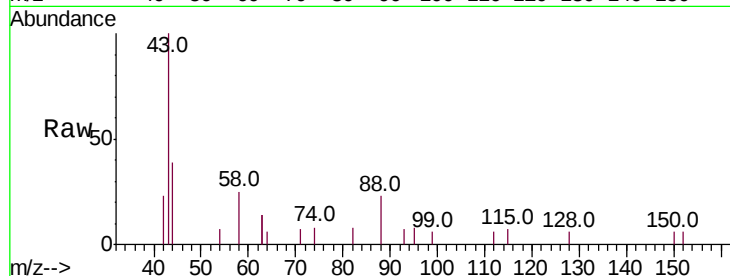
Tot Ion: 42 Resp: 50

Ion Ratio Lower Upper

42 100

74 22.0 57.0 85.4#

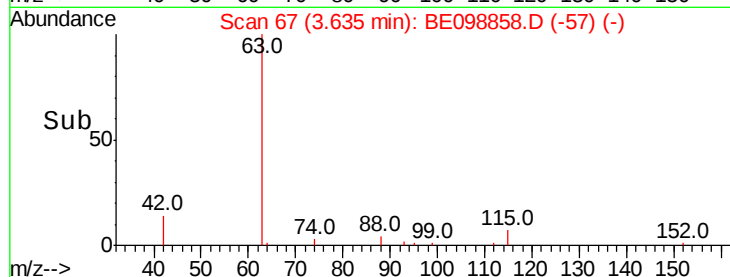
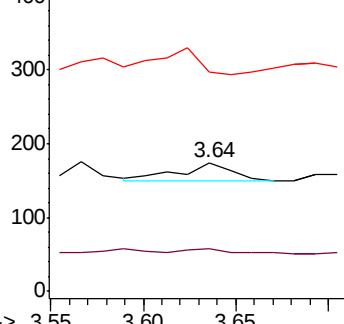
44 118.0 0.0 0.0#



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: 0.054 ng

RT: 5.42 min Scan# 222

Delta R.T. 0.04 min

Lab File: BE098858.D

Acq: 11 Mar 2019 11:48

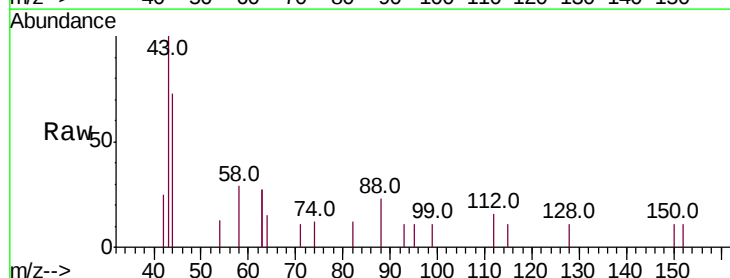
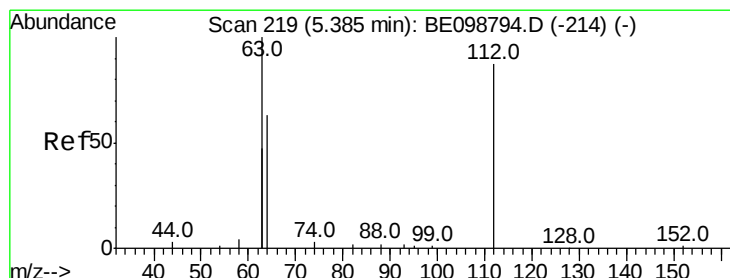
Tgt Ion: 112 Resp: 123

Ion Ratio Lower Upper

112 100

64 94.3 57.9 86.9#

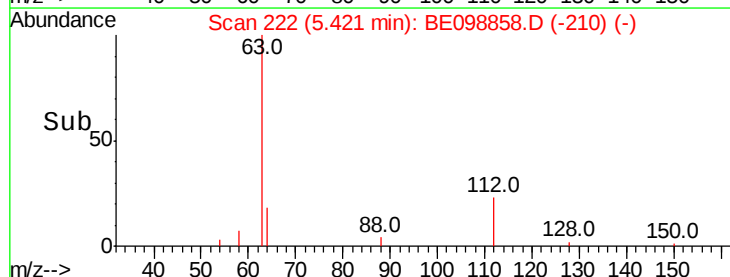
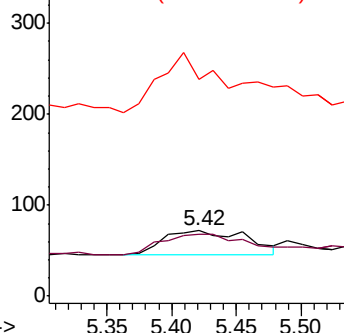
63 166.7 158.3 237.5

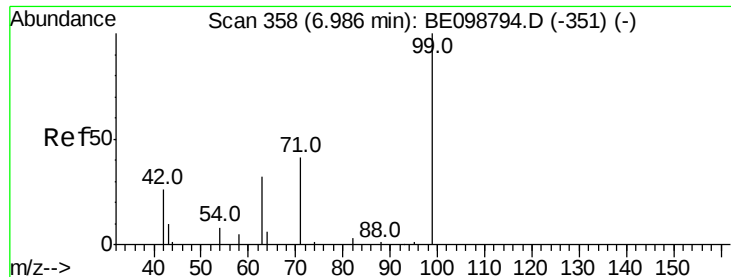


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.002 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE098858.D

Acq: 11 Mar 2019 11:48

Instrument :

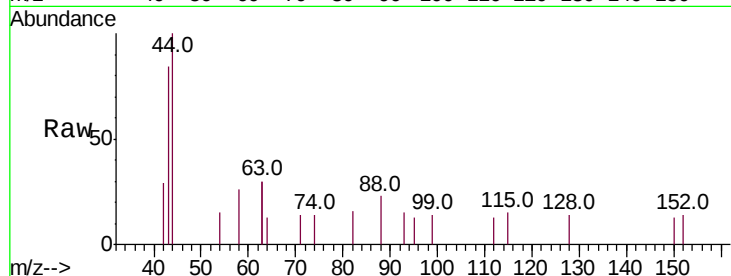
BNA_E

ClientSampleId :

RE126D1-20190306DL

Tot Ion: 99 Resp: 7

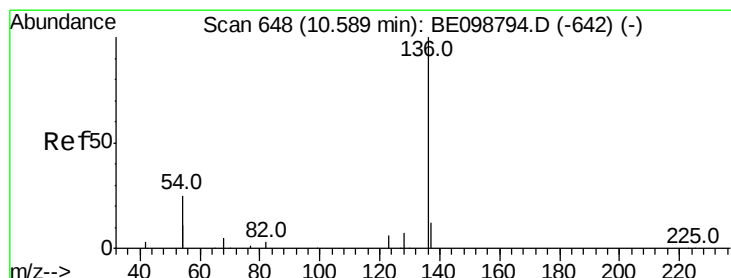
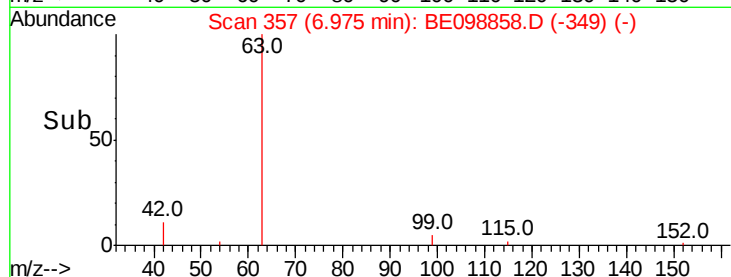
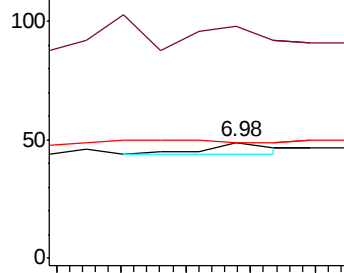
Ion	Ratio	Lower	Upper
99	100		
42	0.0	24.2	36.2#
71	0.0	35.7	53.5#



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

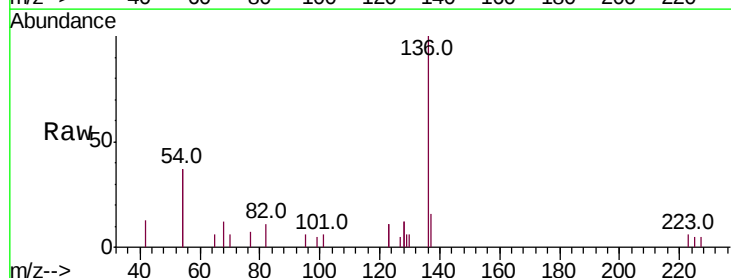
Delta R.T. 0.01 min

Lab File: BE098858.D

Acq: 11 Mar 2019 11:48

Tgt Ion: 136 Resp: 3215

Ion	Ratio	Lower	Upper
136	100		
137	16.4	11.4	17.0
54	74.5	39.3	58.9#
68	12.4	6.7	10.1#

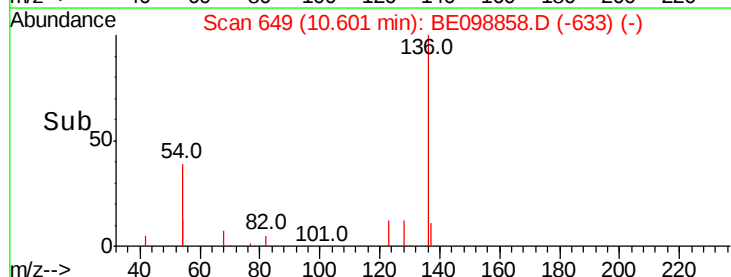
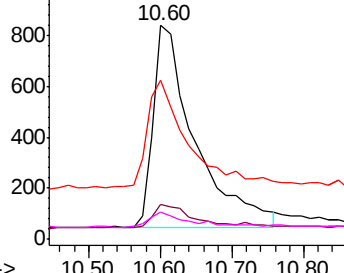


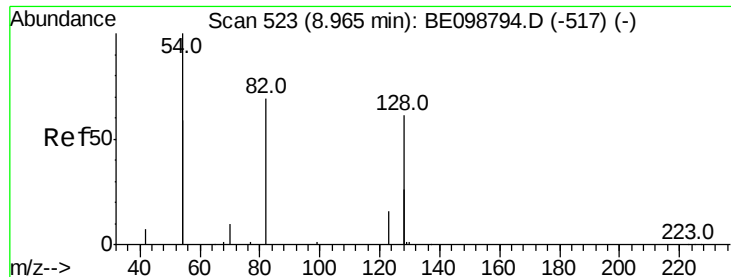
Abundance Ion 136.00 (135.70 to 136.70): E

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





#8

Nitrobenzene-d5

Concen: 0.149 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.06 min

Lab File: BE098858.D

Acq: 11 Mar 2019 11:48

Instrument :

BNA_E

ClientSampleId :

RE126D1-20190306DL

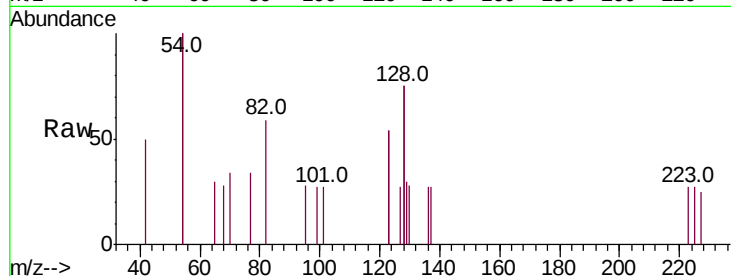
Tot Ion: 82 Resp: 501

Ion Ratio Lower Upper

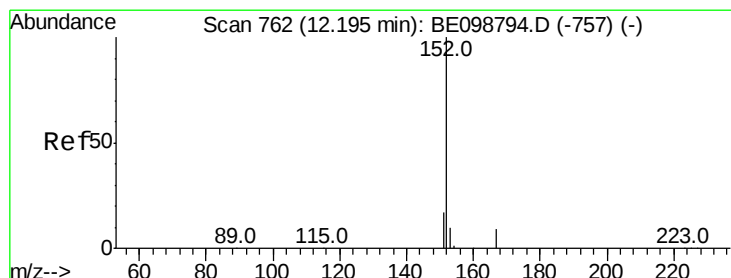
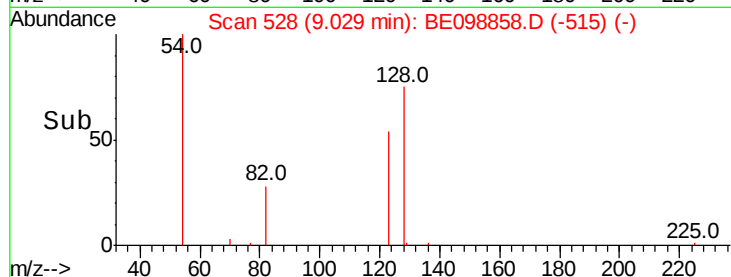
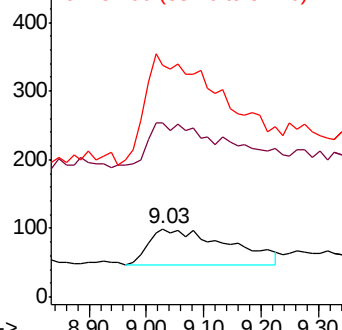
82 100

128 256.6 123.8 185.8#

54 341.4 203.4 305.2#



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: 0.180 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.03 min

Lab File: BE098858.D

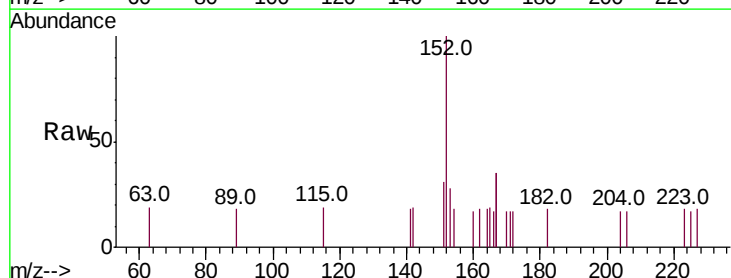
Acq: 11 Mar 2019 11:48

Tgt Ion: 152 Resp: 1068

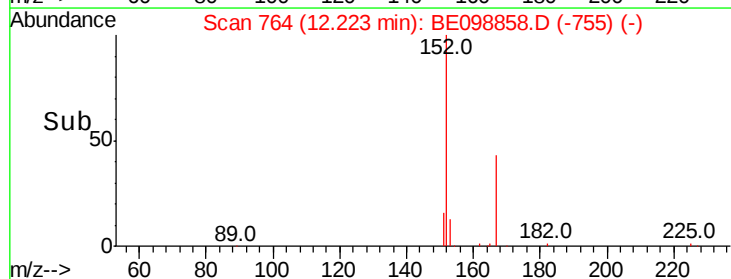
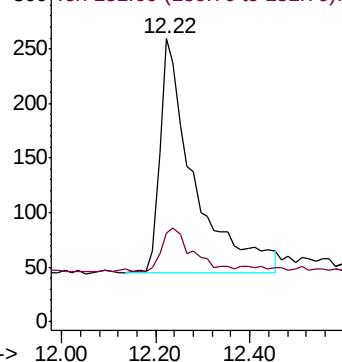
Ion Ratio Lower Upper

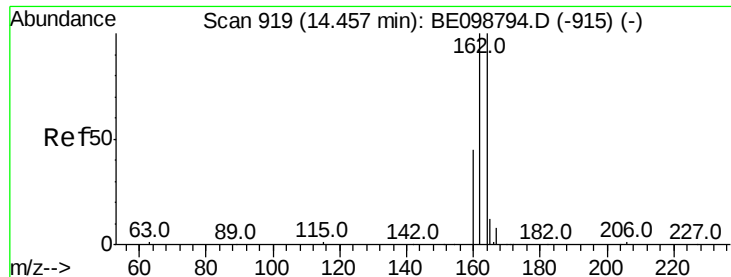
152 100

151 16.6 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: 14.47 min Scan# 920

Delta R.T. 0.01 min

Lab File: BE098858.D

Acq: 11 Mar 2019 11:48

Instrument :

BNA_E

ClientSampleId :

RE126D1-20190306DL

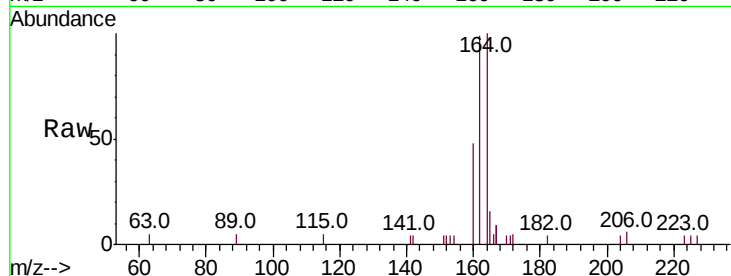
Tot Ion:164 Resp: 2328

Ion Ratio Lower Upper

164 100

162 98.8 80.2 120.2

160 48.1 37.8 56.8

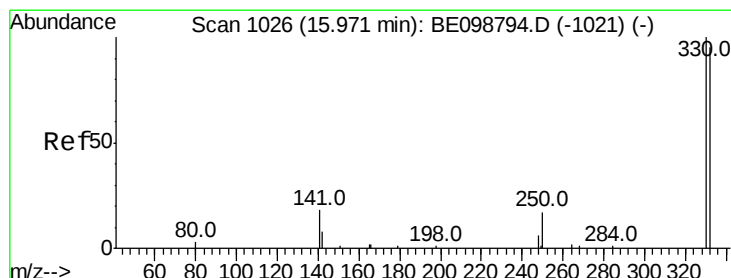
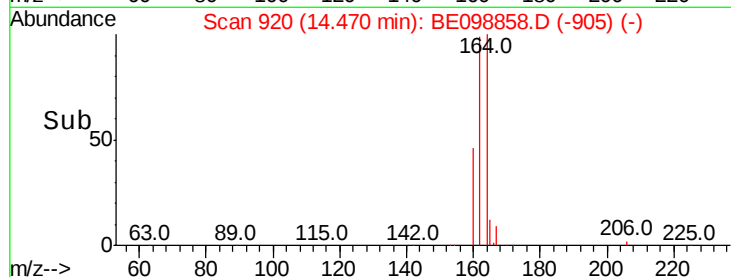
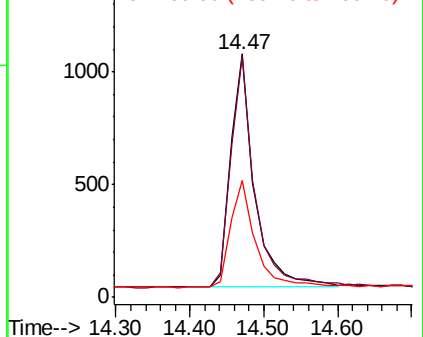


Abundance

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: 0.148 ng

RT: 15.98 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BE098858.D

Acq: 11 Mar 2019 11:48

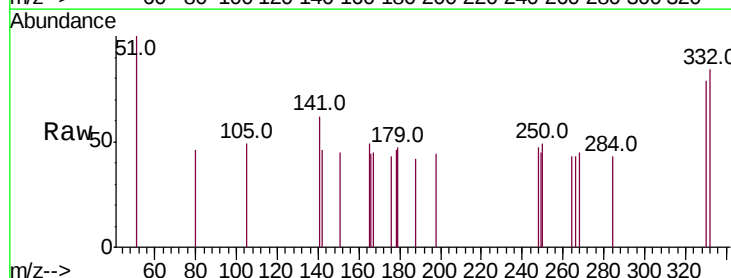
Tgt Ion:330 Resp: 174

Ion Ratio Lower Upper

330 100

332 97.7 77.6 116.4

141 33.9 31.0 46.4

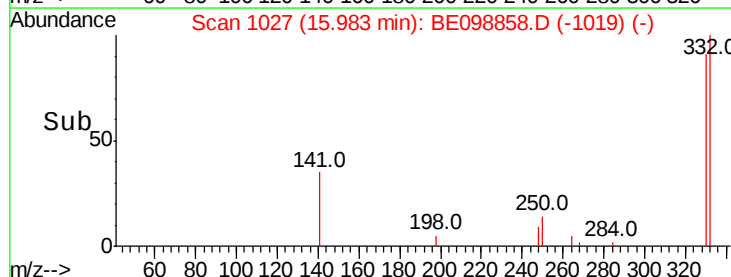
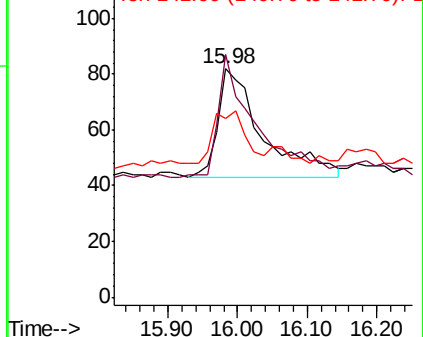


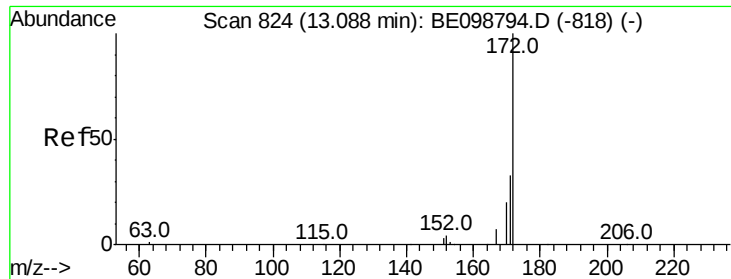
Abundance

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

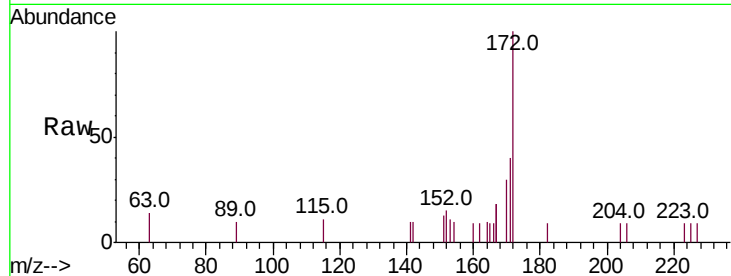




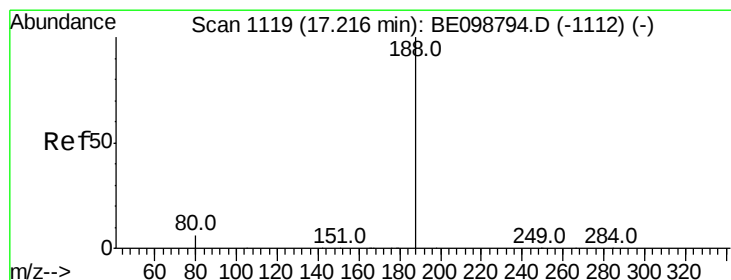
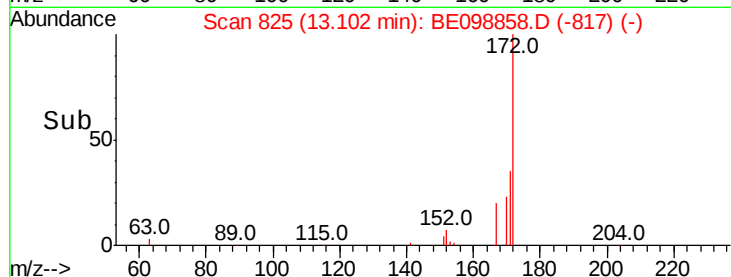
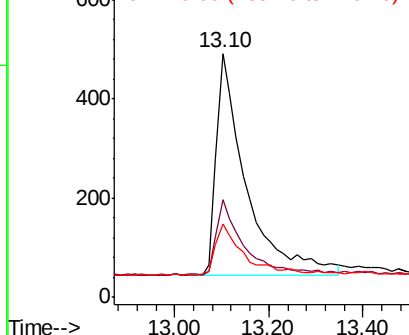
#15
2-Fluorobiphenyl
Concen: 0.205 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.01 min
Lab File: BE098858.D
Acq: 11 Mar 2019 11:48

Instrument :
BNA_E
ClientSampleId :
RE126D1-20190306DL

Tot Ion:172 Resp: 1976
Ion Ratio Lower Upper
172 100
171 40.3 28.0 42.0
170 30.1 17.7 26.5#

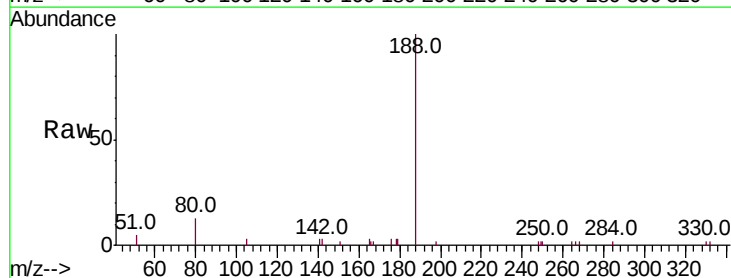


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

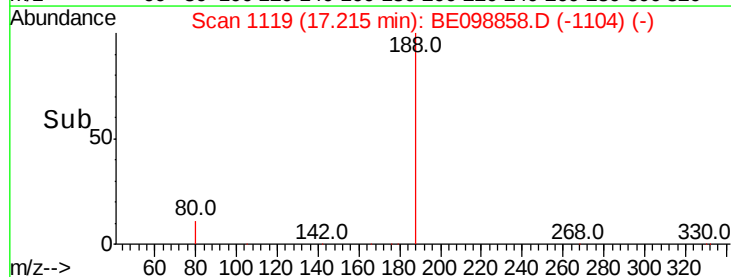
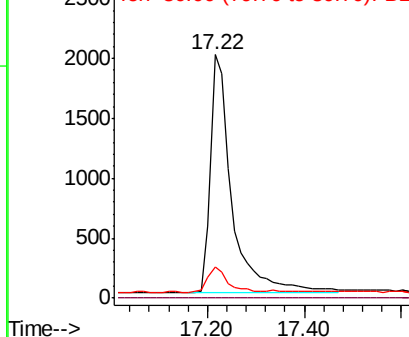


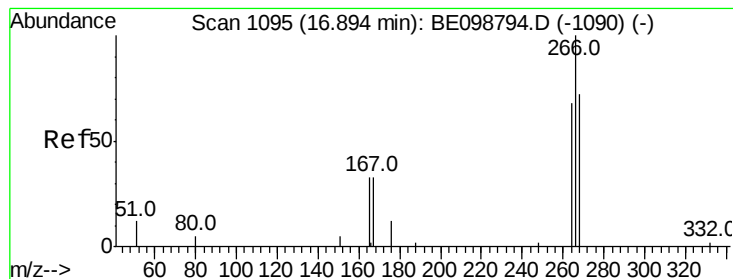
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE098858.D
Acq: 11 Mar 2019 11:48

Tgt Ion:188 Resp: 6051
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.9 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: 16.91 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BE098858.D

Acq: 11 Mar 2019 11:48

Instrument :

BNA_E

ClientSampleId :

RE126D1-20190306DL

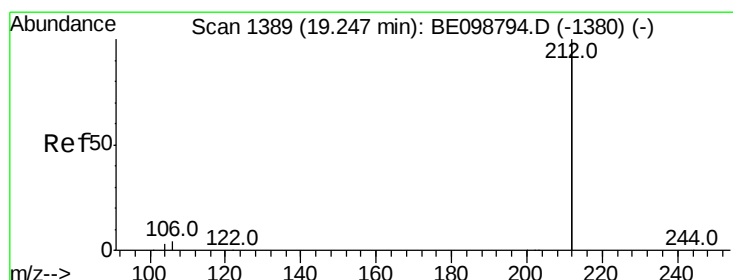
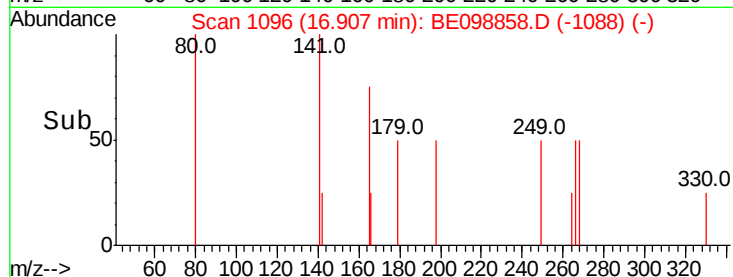
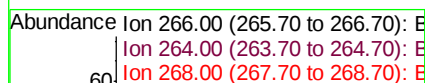
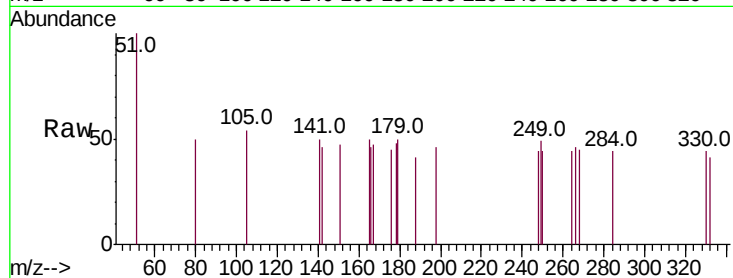
Tot Ion:266 Resp: 10

Ion Ratio Lower Upper

266 100

264 95.8 66.6 100.0

268 97.9 69.8 104.8



#25

Fluoranthene-d10

Concen: 0.171 ng

RT: 19.25 min Scan# 1390

Delta R.T. 0.01 min

Lab File: BE098858.D

Acq: 11 Mar 2019 11:48

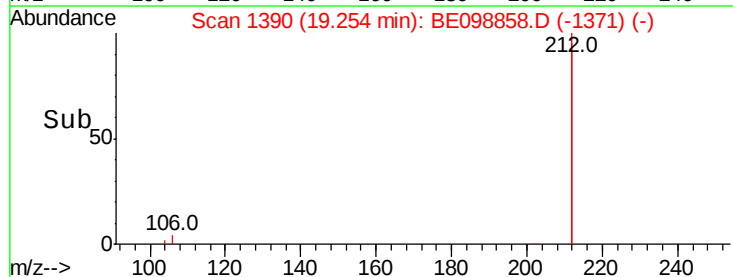
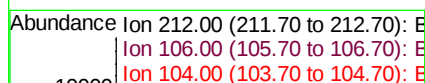
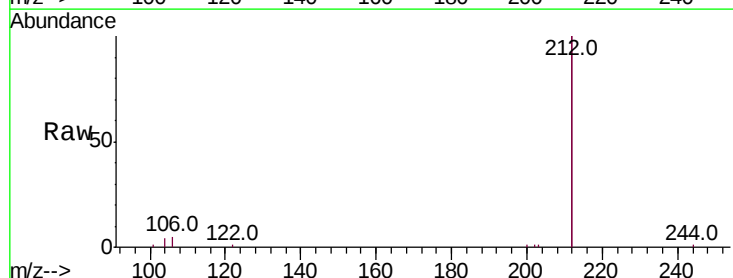
Tgt Ion:212 Resp: 16531

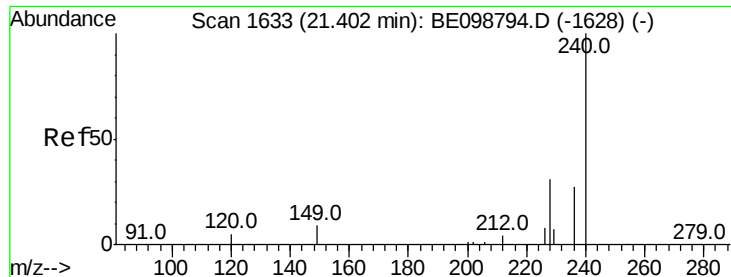
Ion Ratio Lower Upper

212 100

106 2.4 1.8 2.8

104 1.4 1.0 1.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE098858.D

Acq: 11 Mar 2019 11:48

Instrument :

BNA_E

ClientSampleId :

RE126D1-20190306DL

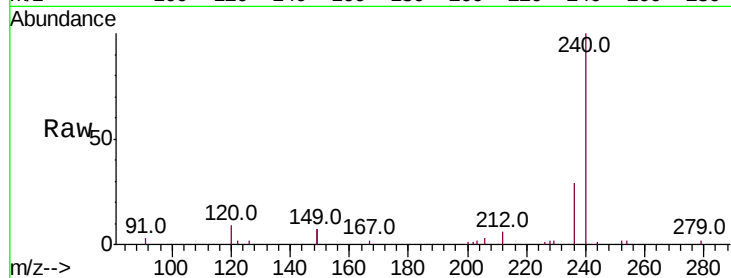
Tot Ion:240 Resp: 7142

Ion Ratio Lower Upper

240 100

120 8.9 5.0 7.4#

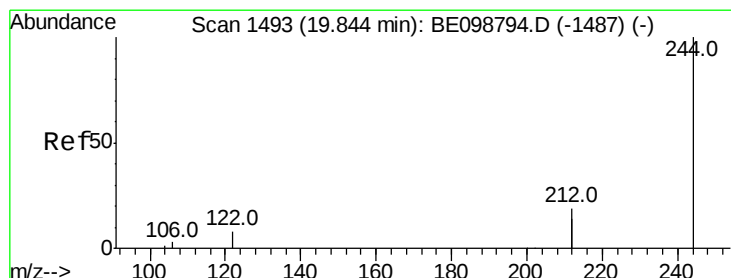
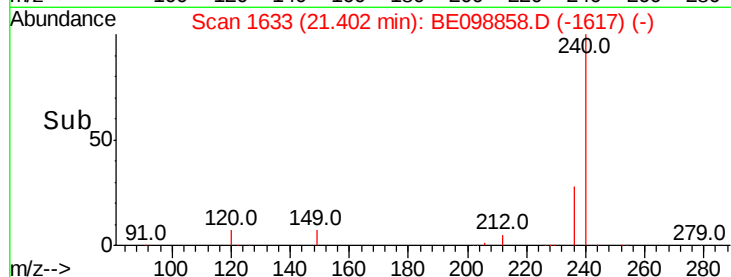
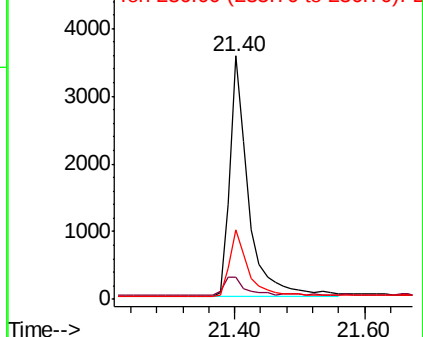
236 28.8 22.7 34.1



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: 0.227 ng

RT: 19.85 min Scan# 1493

Delta R.T. 0.00 min

Lab File: BE098858.D

Acq: 11 Mar 2019 11:48

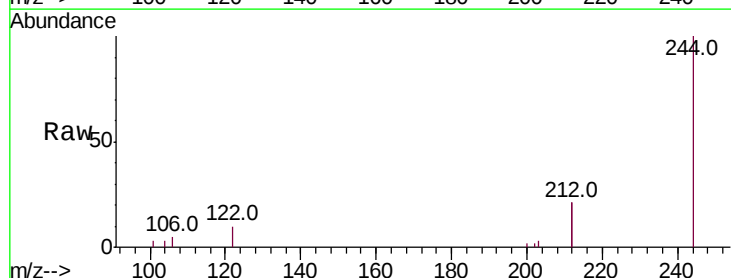
Tgt Ion:244 Resp: 3937

Ion Ratio Lower Upper

244 100

212 42.7 29.4 44.2

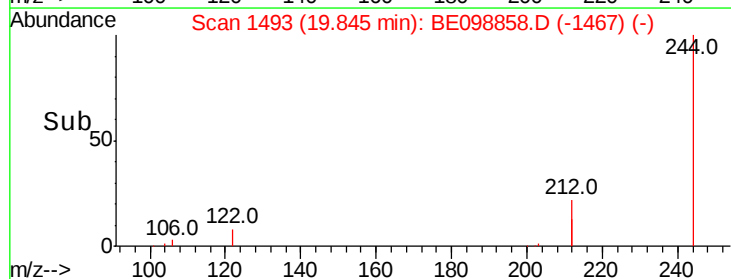
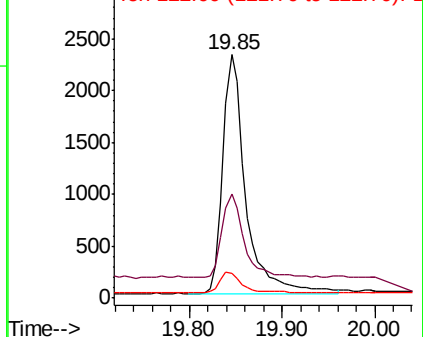
122 10.4 7.1 10.7

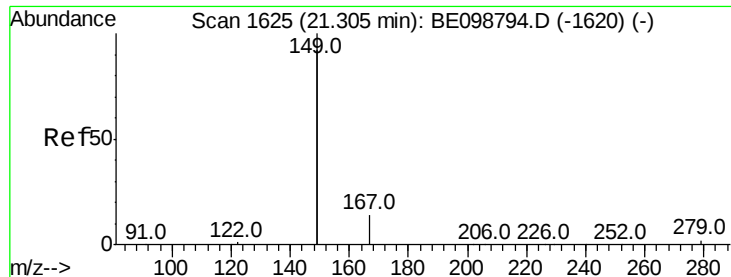


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

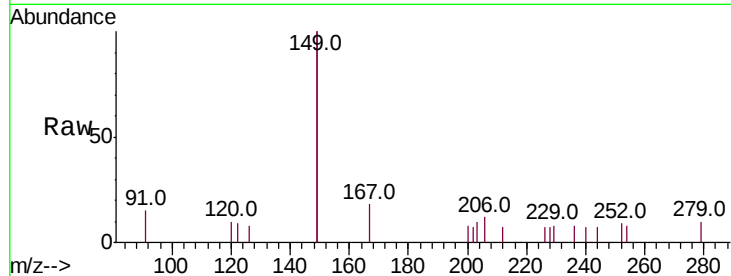




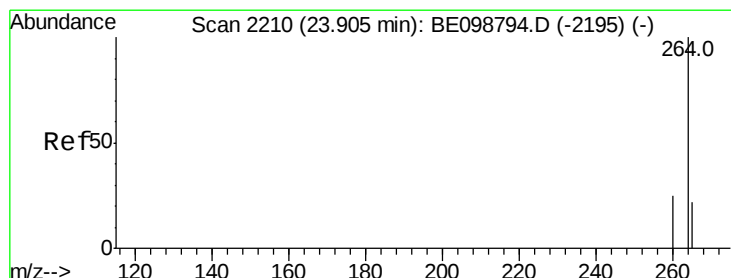
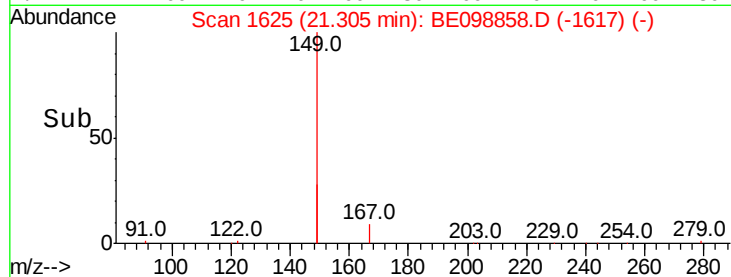
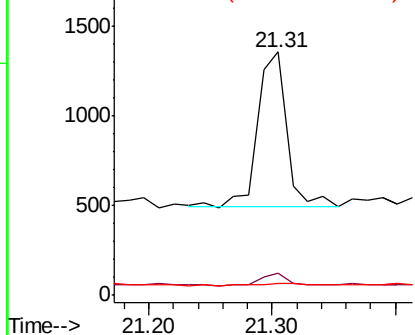
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.030 ng
 RT: 21.31 min Scan# 1625
 Delta R.T. -0.00 min
 Lab File: BE098858.D
 Acq: 11 Mar 2019 11:48

Instrument :
 BNA_E
 ClientSampleId :
 RE126D1-20190306DL

Tot Ion:149 Resp: 1430
 Ion Ratio Lower Upper
 149 100
 167 8.0 5.4 8.0
 279 3.1 1.0 1.4#

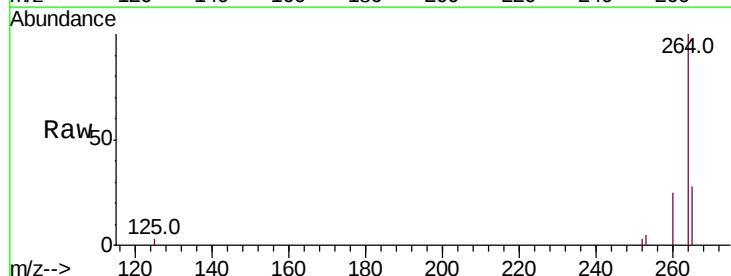


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.91 min Scan# 2211
 Delta R.T. 0.00 min
 Lab File: BE098858.D
 Acq: 11 Mar 2019 11:48

Tgt Ion:264 Resp: 7118
 Ion Ratio Lower Upper
 264 100
 260 25.3 21.2 31.8
 265 27.8 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

