

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112118\
 Data File : BE098256.D
 Acq On : 21 Nov 2018 10:50
 Operator : SJ/JU
 Sample : PB114965BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 21 11:25:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 16 19:05:33 2018
 Response via : Initial Calibration

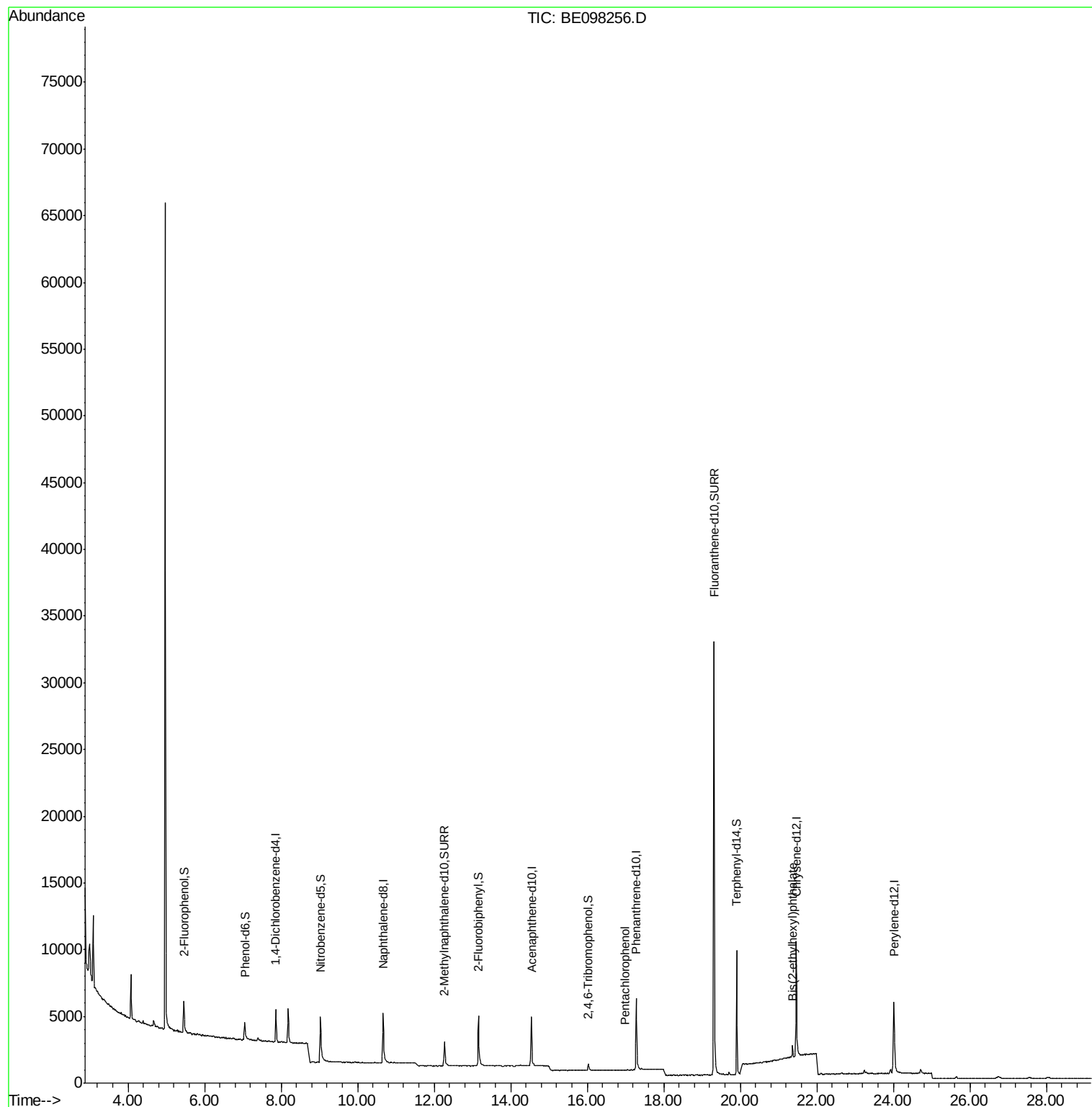
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1211	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4788	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	3013	0.40	ng	0.01
19) Phenanthrene-d10	17.28	188	8583	0.40	ng	0.00
27) Chrysene-d12	21.46	240	9627	0.40	ng	0.00
34) Perylene-d12	24.01	264	8951	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	1430	0.44	ng	0.00
5) Phenol-d6	7.05	99	1831	0.36	ng	0.01
8) Nitrobenzene-d5	9.03	82	1806	0.40	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	3381	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	395	0.41	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	4956	0.38	ng	0.01
25) Fluoranthene-d10	19.31	212	49280	0.47	ng	0.00
29) Terphenyl-d14	19.91	244	8853	0.40	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.98	266	12	0.111	ng	# 73
32) Bis(2-ethylhexyl)phthalate	21.37	149	1470	0.034	ng	# 98

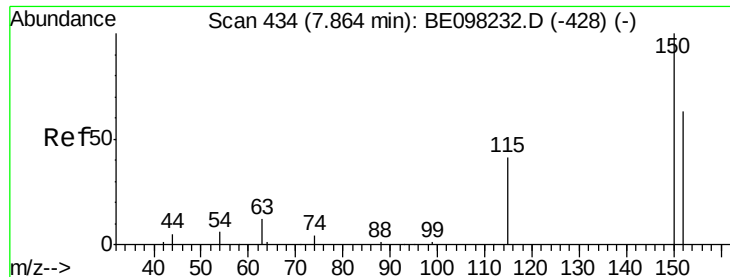
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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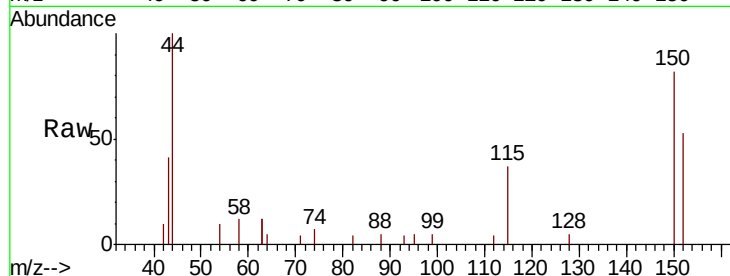


#1

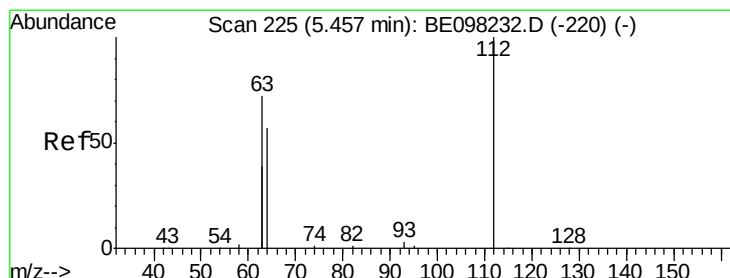
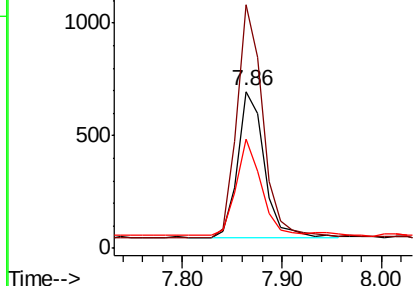
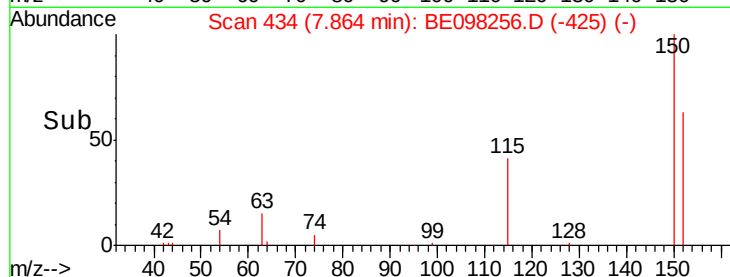
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098256.D
Acq: 21 Nov 2018 10:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 1211
Ion Ratio Lower Upper
152 100
150 154.9 127.5 191.3
115 69.5 60.3 90.5



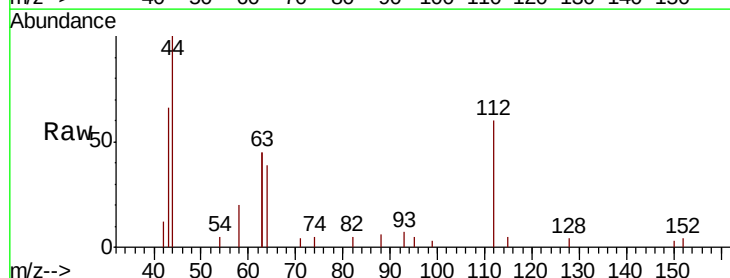
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



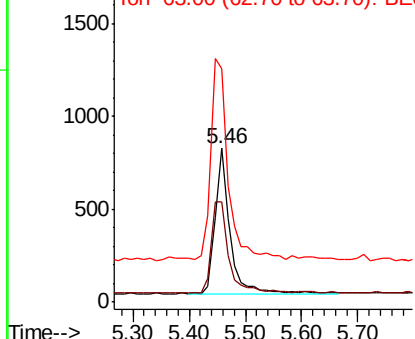
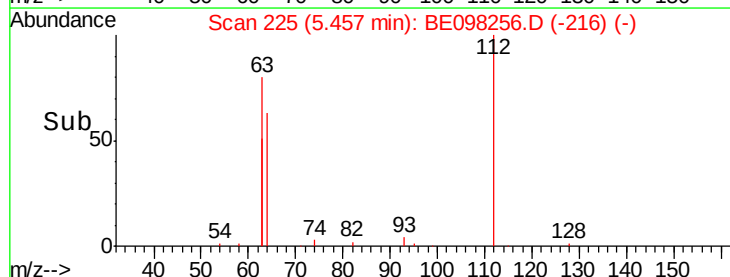
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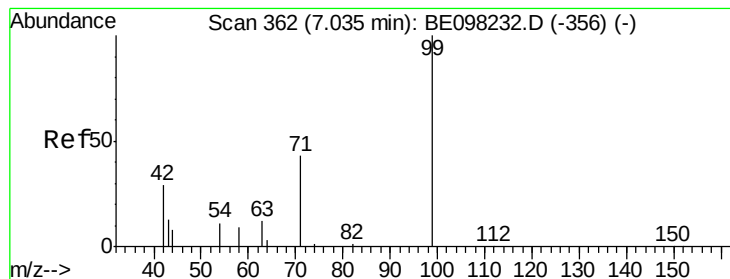
2-Fluorophenol
Concen: 0.440 ng
RT: 5.46 min Scan# 225
Delta R.T. -0.00 min
Lab File: BE098256.D
Acq: 21 Nov 2018 10:50

Tgt Ion:112 Resp: 1430
Ion Ratio Lower Upper
112 100
64 71.8 61.7 92.5
63 156.4 136.2 204.2



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: 0.359 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.01 min

Lab File: BE098256.D

Acq: 21 Nov 2018 10:50

Instrument :

BNA_G

ClientSampled :

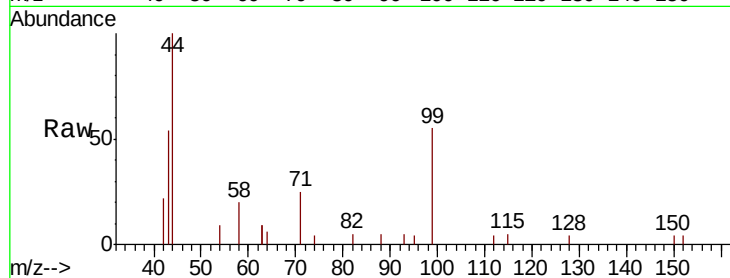
Tot Ion: 99 Resp: 1831

Ion Ratio Lower Upper

99 100

42 32.6 27.1 40.7

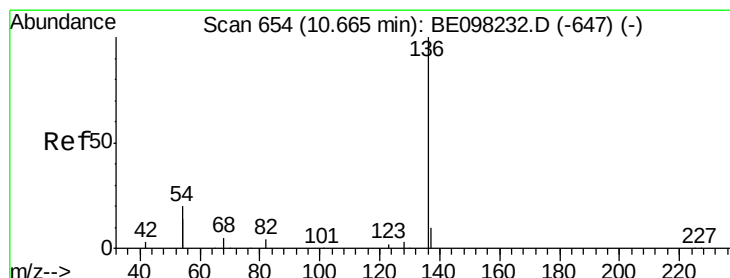
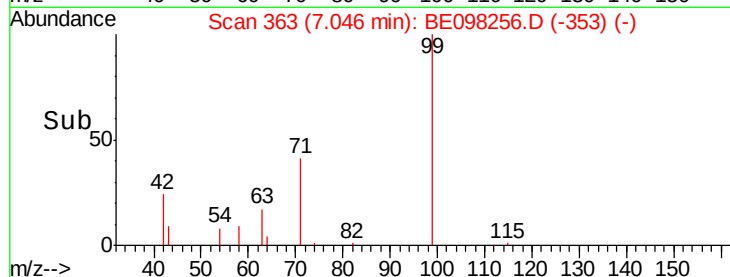
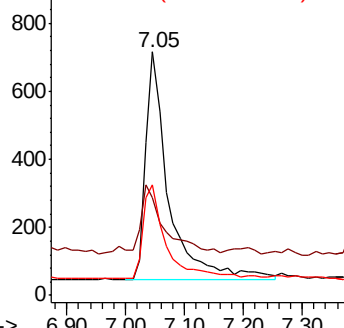
71 41.3 37.0 55.6



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: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098256.D

Acq: 21 Nov 2018 10:50

Tgt Ion: 136 Resp: 4788

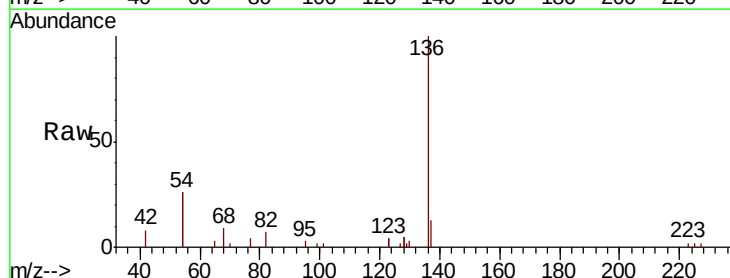
Ion Ratio Lower Upper

136 100

137 13.3 9.5 14.3

54 51.6 31.3 46.9#

68 8.8 4.8 7.2#

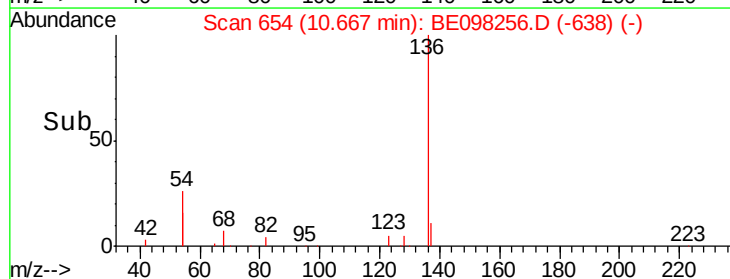
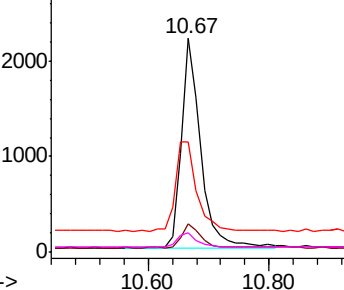


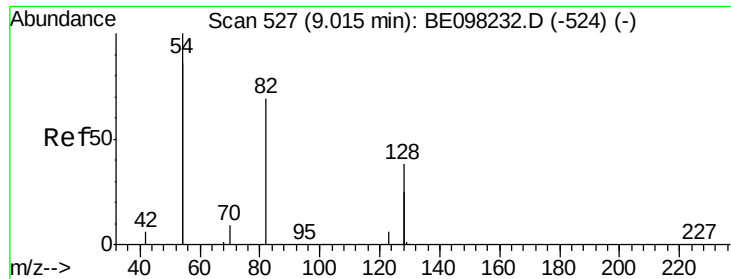
Abundance Ion 136.00 (135.70 to 136.70): E

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

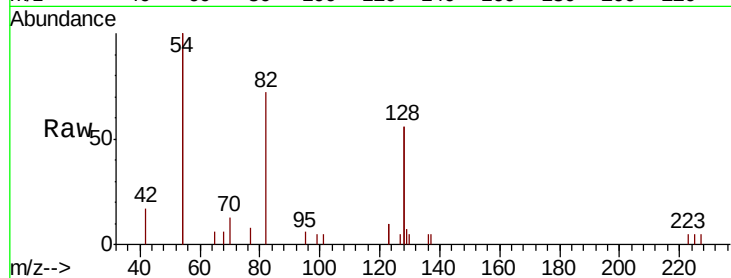




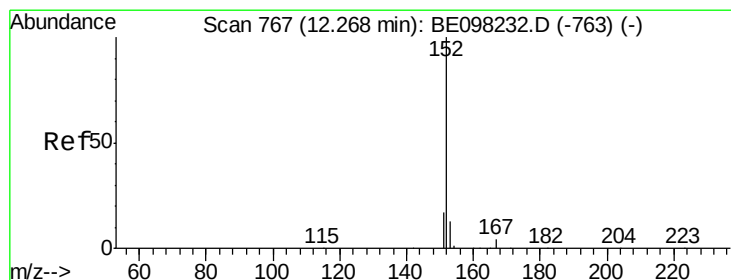
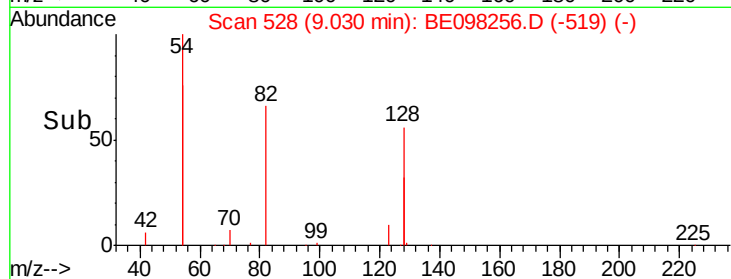
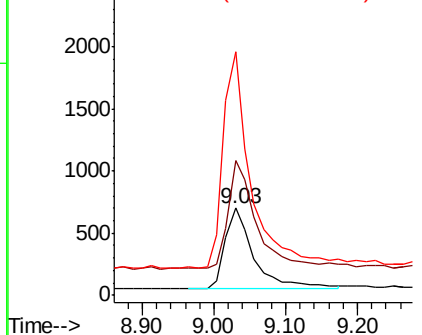
#8
 Nitrobenzene-d5
 Concen: 0.400 ng
 RT: 9.03 min Scan# 528
 Delta R.T. 0.01 min
 Lab File: BE098256.D
 Acq: 21 Nov 2018 10:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 1806
 Ion Ratio Lower Upper
 82 100
 128 155.2 96.1 144.1#
 54 279.3 232.0 348.0

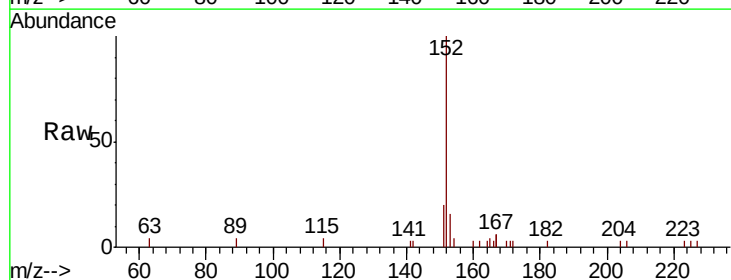


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BE0

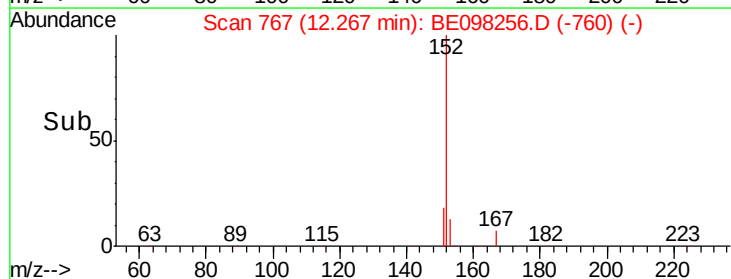
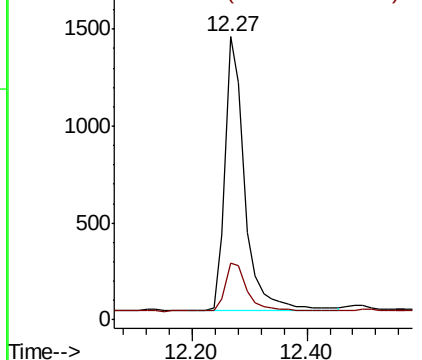


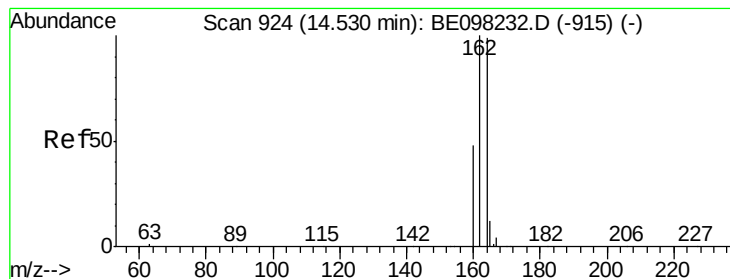
#11
 2-Methylnaphthalene-d10
 Concen: 0.402 ng
 RT: 12.27 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BE098256.D
 Acq: 21 Nov 2018 10:50

Tgt Ion:152 Resp: 3381
 Ion Ratio Lower Upper
 152 100
 151 19.1 15.4 23.2



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: 14.54 min Scan# 925

Delta R.T. 0.01 min

Lab File: BE098256.D

Acq: 21 Nov 2018 10:50

Instrument :

BNA_G

ClientSampleId :

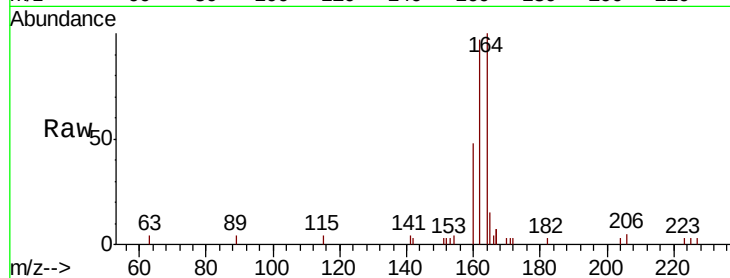
Tot Ion:164 Resp: 3013

Ion Ratio Lower Upper

164 100

162 97.2 81.8 122.6

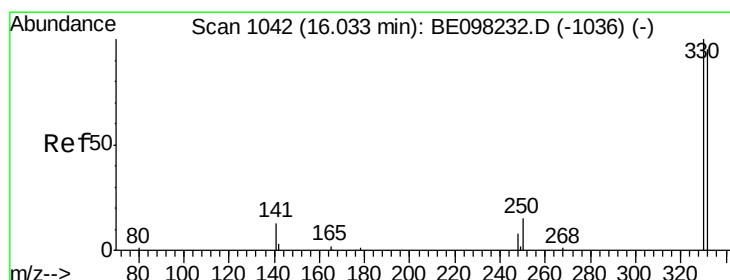
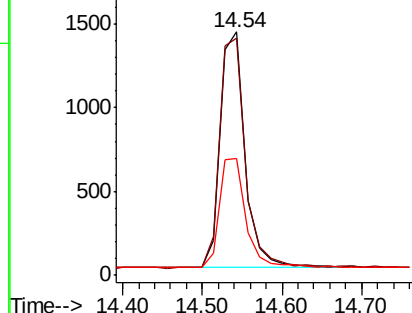
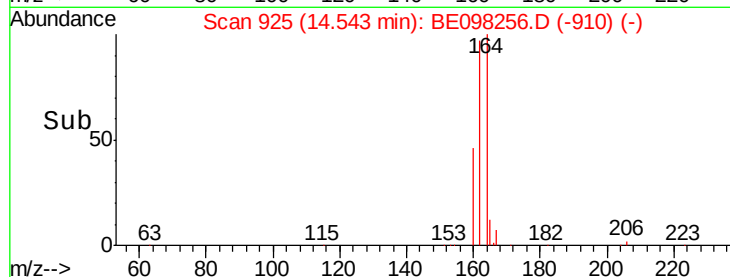
160 47.9 39.4 59.0



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: 0.407 ng

RT: 16.03 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BE098256.D

Acq: 21 Nov 2018 10:50

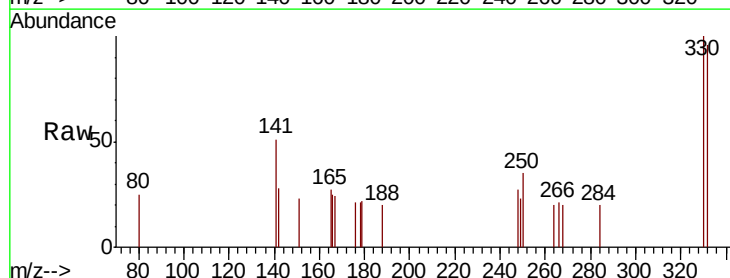
Tgt Ion:330 Resp: 395

Ion Ratio Lower Upper

330 100

332 97.5 77.7 116.5

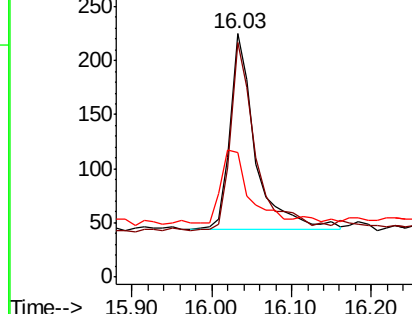
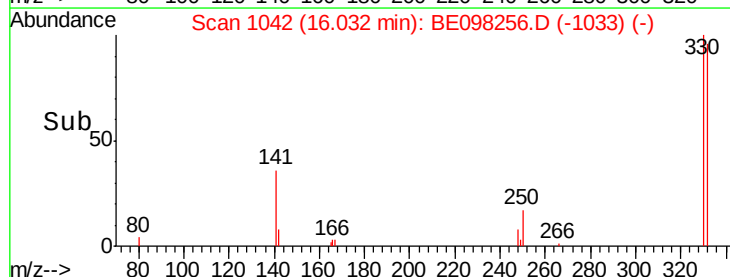
141 40.8 33.6 50.4

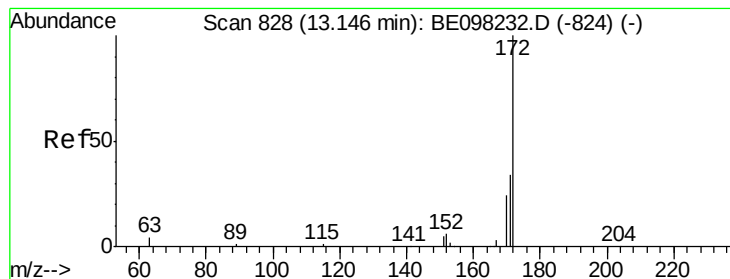


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

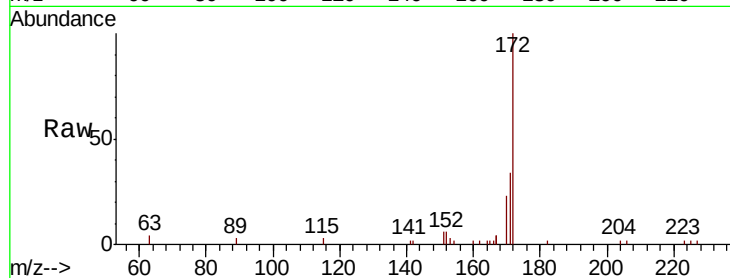




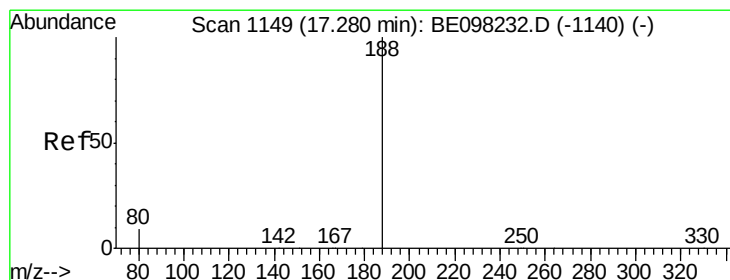
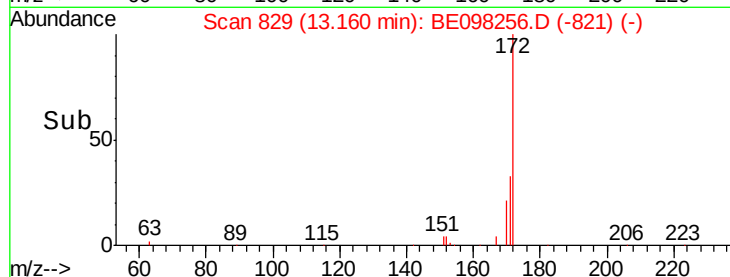
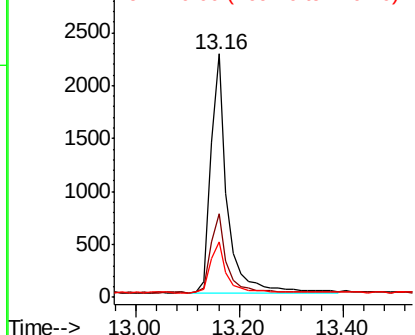
#15
2-Fluorobiphenyl
Concen: 0.378 ng
RT: 13.16 min Scan# 829
Delta R.T. 0.01 min
Lab File: BE098256.D
Acq: 21 Nov 2018 10:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 4956
Ion Ratio Lower Upper
172 100
171 34.1 27.3 40.9
170 22.8 19.4 29.0

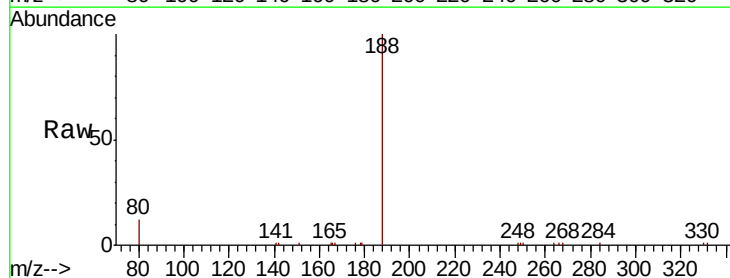


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

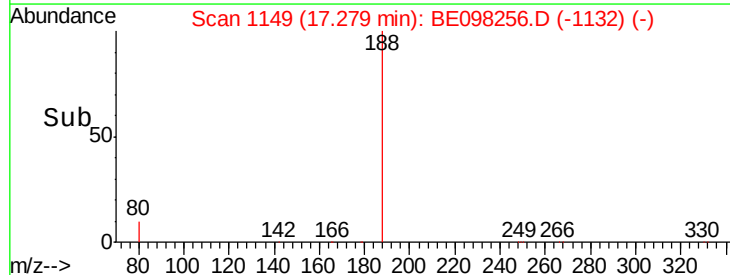
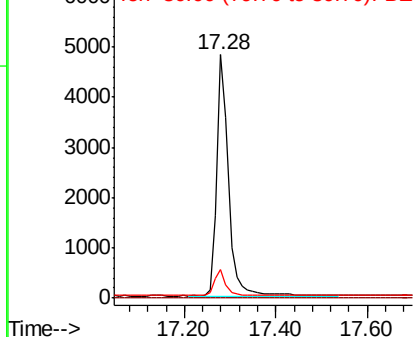


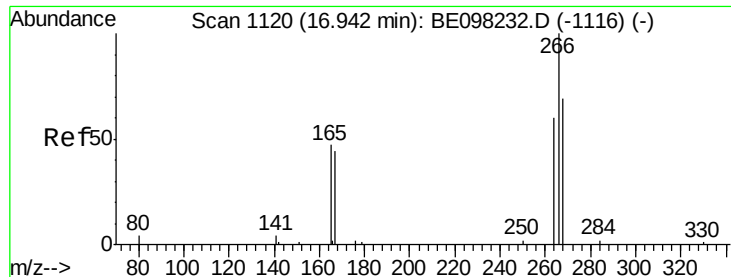
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BE098256.D
Acq: 21 Nov 2018 10:50

Tgt Ion:188 Resp: 8583
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.5 6.7 10.1#



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

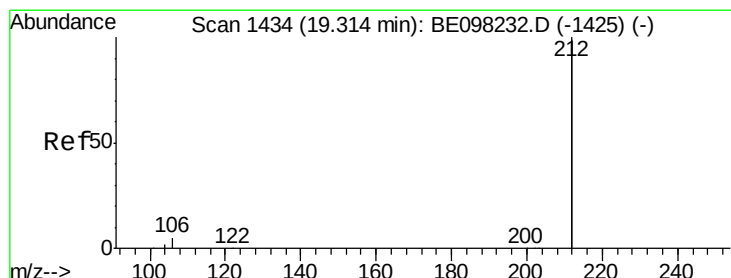
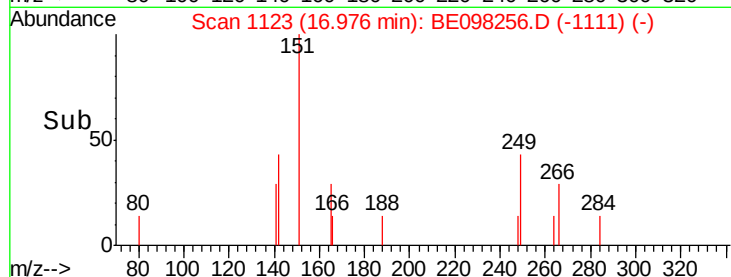
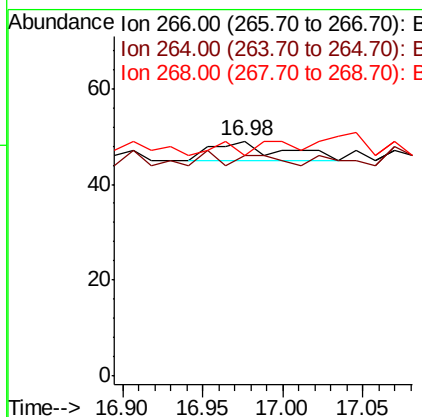
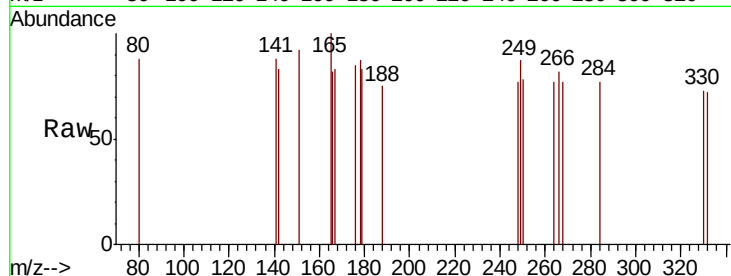




#22
 Pentachlorophenol
 Concen: 0.111 ng
 RT: 16.98 min Scan# 1123
 Delta R.T. 0.04 min
 Lab File: BE098256.D
 Acq: 21 Nov 2018 10:50

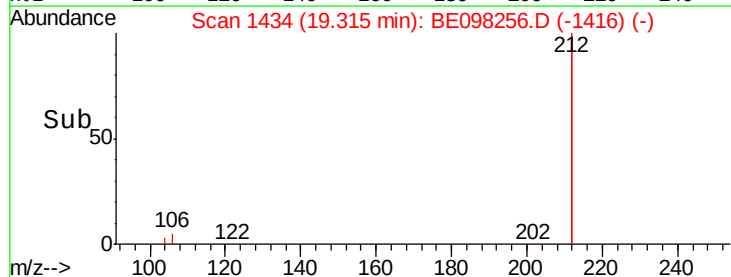
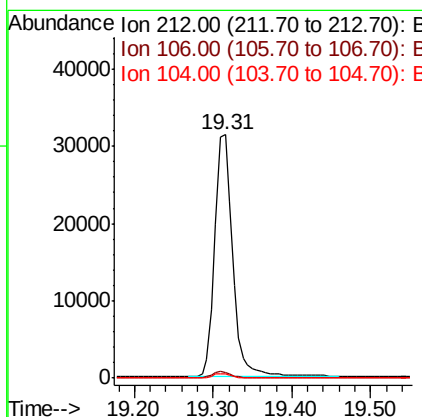
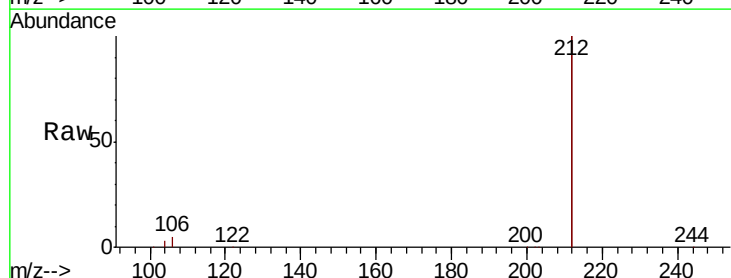
Instrument :
 BNA_G
 ClientSampleId :

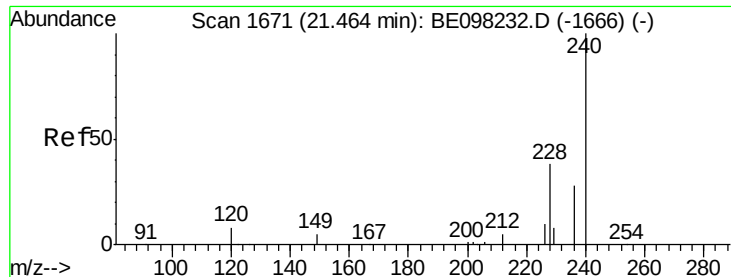
Tot Ion:266 Resp: 12
 Ion Ratio Lower Upper
 266 100
 264 93.9 57.6 86.4#
 268 93.9 56.8 85.2#



#25
 Fluoranthene-d10
 Concen: 0.472 ng
 RT: 19.31 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: BE098256.D
 Acq: 21 Nov 2018 10:50

Tgt Ion:212 Resp: 49280
 Ion Ratio Lower Upper
 212 100
 106 2.7 1.8 2.8
 104 1.5 1.1 1.7

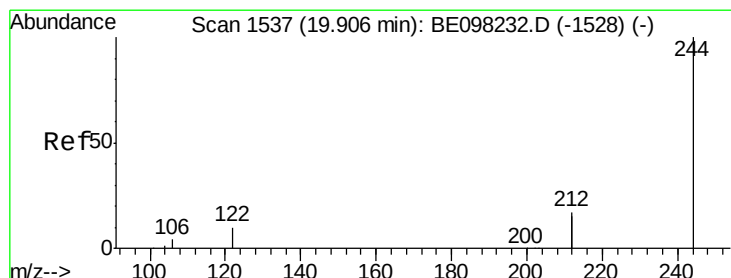
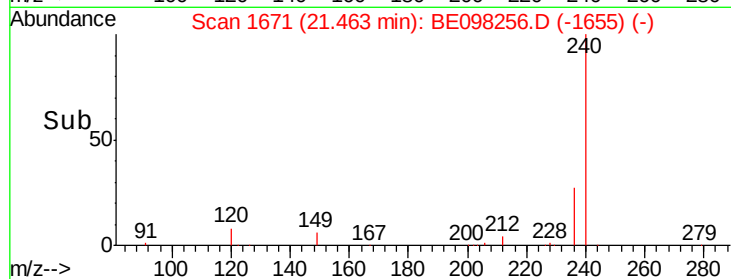
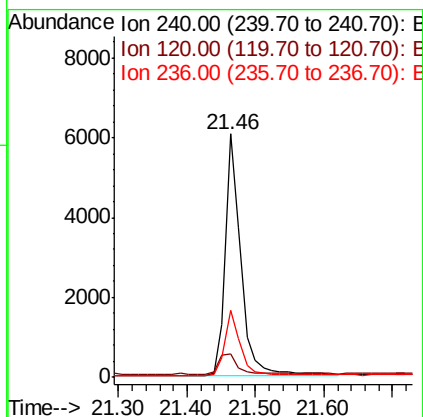
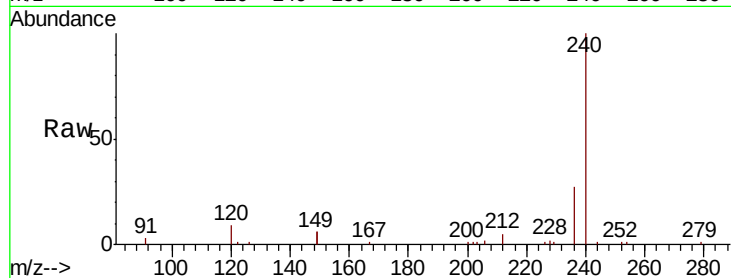




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098256.D
Acq: 21 Nov 2018 10:50

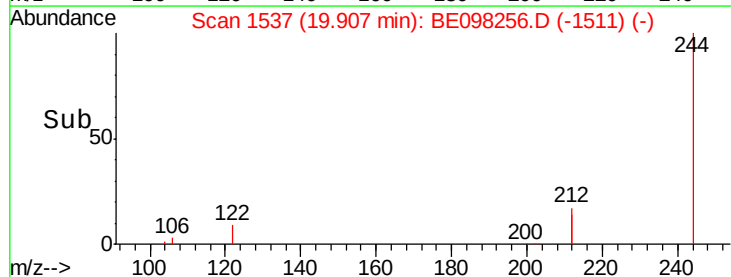
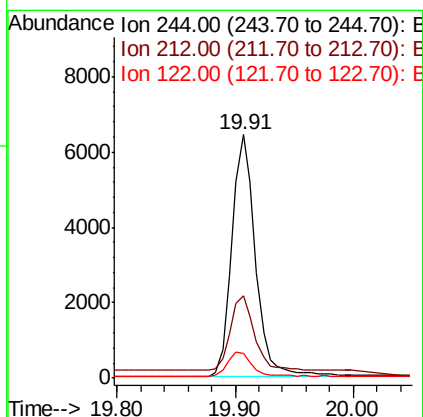
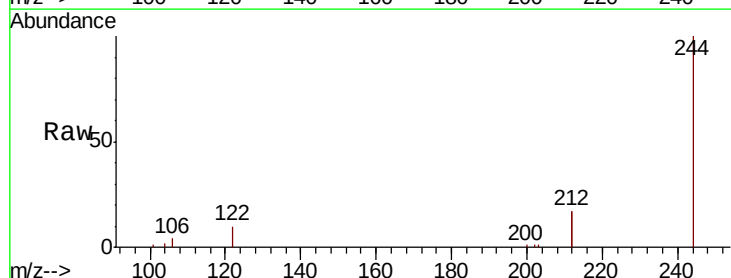
Instrument :
BNA_G
ClientSampleId :

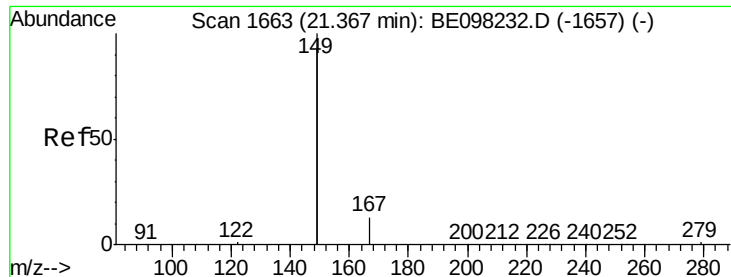
Tot Ion:240 Resp: 9627
Ion Ratio Lower Upper
240 100
120 9.5 4.8 7.2#
236 27.3 21.4 32.0



#29
Terphenyl-d14
Concen: 0.400 ng
RT: 19.91 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BE098256.D
Acq: 21 Nov 2018 10:50

Tgt Ion:244 Resp: 8853
Ion Ratio Lower Upper
244 100
212 33.9 26.8 40.2
122 10.1 7.0 10.6





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.034 ng

RT: 21.37 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BE098256.D

Acq: 21 Nov 2018 10:50

Instrument :

BNA_G

ClientSampleId :

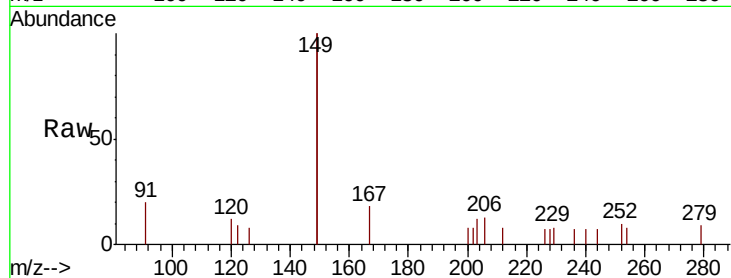
Tot Ion:149 Resp: 1470

Ion Ratio Lower Upper

149 100

167 6.1 5.6 8.4

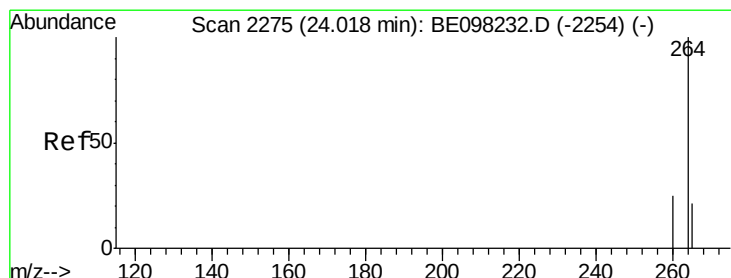
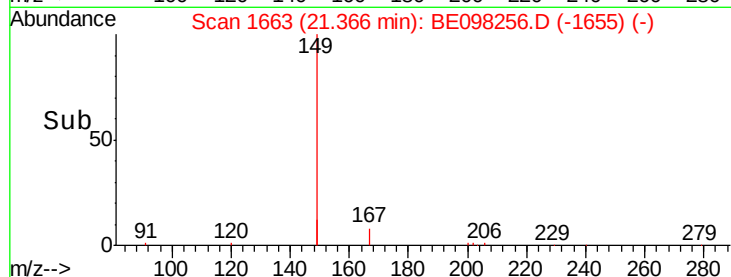
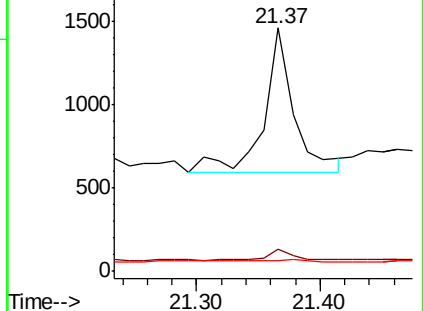
279 1.5 0.9 1.3#



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: 24.01 min Scan# 2273

Delta R.T. -0.01 min

Lab File: BE098256.D

Acq: 21 Nov 2018 10:50

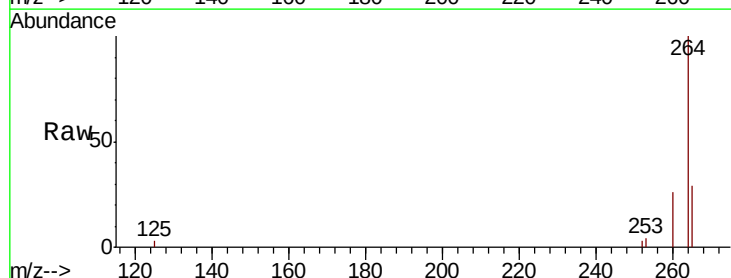
Tgt Ion:264 Resp: 8951

Ion Ratio Lower Upper

264 100

260 25.6 19.9 29.9

265 28.9 21.3 31.9



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

