

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE110518\
 Data File : BE098158.D
 Acq On : 5 Nov 2018 12:52
 Operator : SJ/JU
 Sample : J5769-22
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FB-10-31-18

Quant Time: Nov 05 16:09:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE110118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 13:00:52 2018
 Response via : Initial Calibration

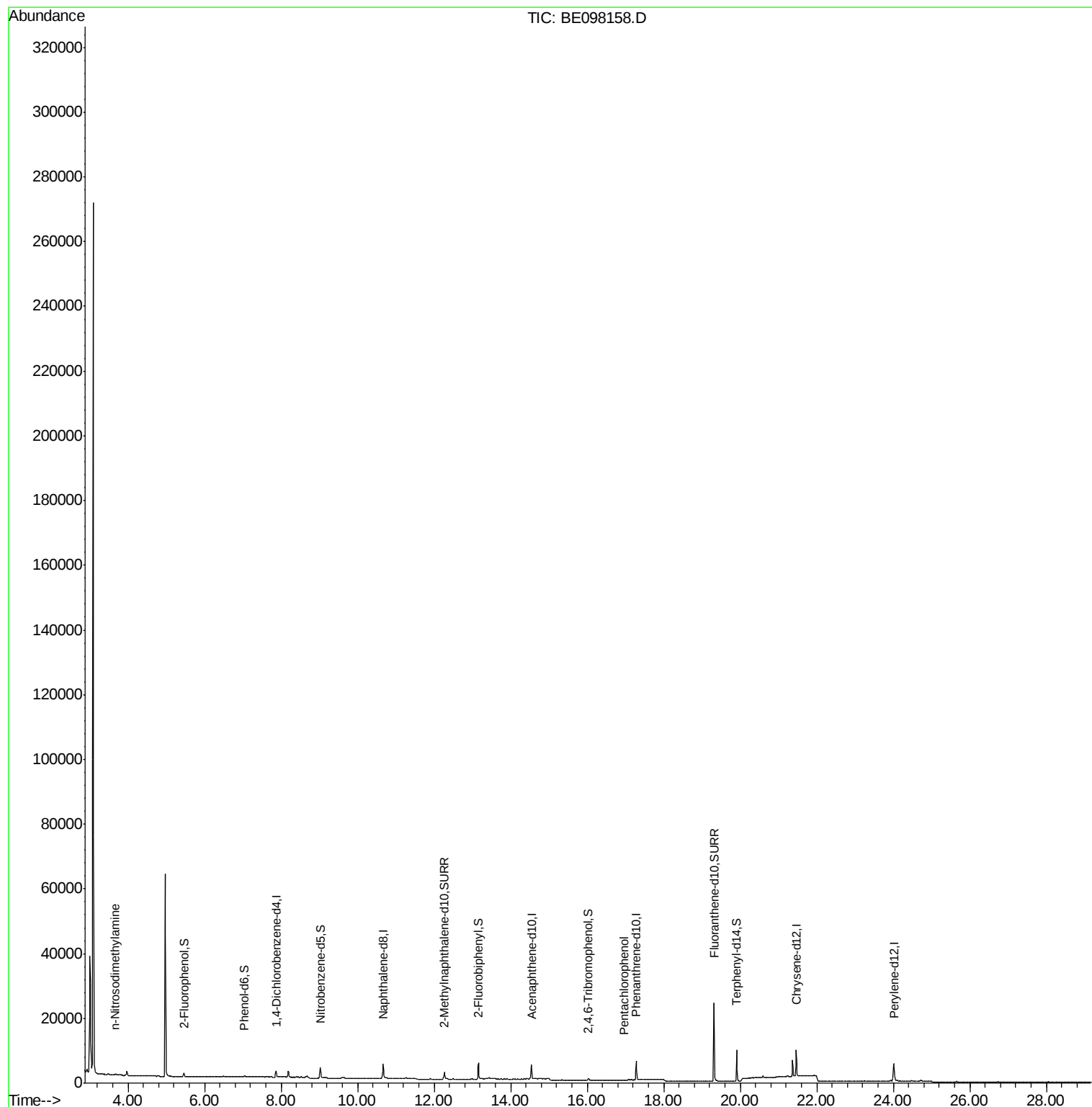
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	1028	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4824	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	3248	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	7987	0.40	ng	0.00
27) Chrysene-d12	21.46	240	8869	0.40	ng	0.00
34) Perylene-d12	24.02	264	8642	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	502	0.16	ng	0.00
5) Phenol-d6	7.04	99	491	0.10	ng	0.00
8) Nitrobenzene-d5	9.03	82	1536	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	2790	0.33	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	460	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	5563	0.42	ng	0.00
25) Fluoranthene-d10	19.31	212	33895	0.33	ng	0.00
29) Terphenyl-d14	19.91	244	8347	0.40	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.67	42	57	0.028	ng	# 21
22) Pentachlorophenol	16.97	266	6	0.138	ng	# 60
32) Bis(2-ethylhexyl)phthalate	21.37	149	5974	Below Cal		100

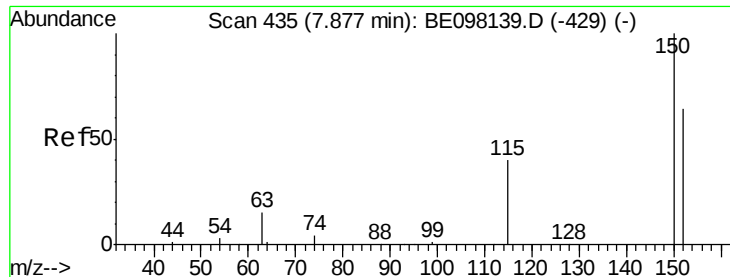
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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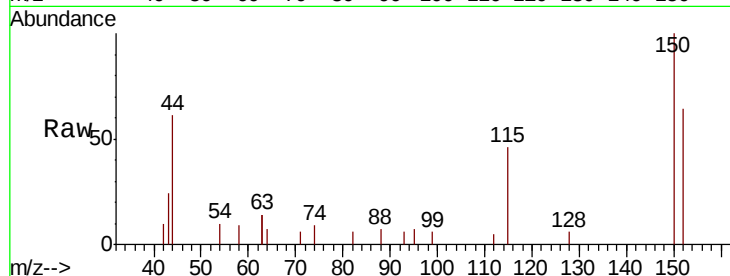


#1

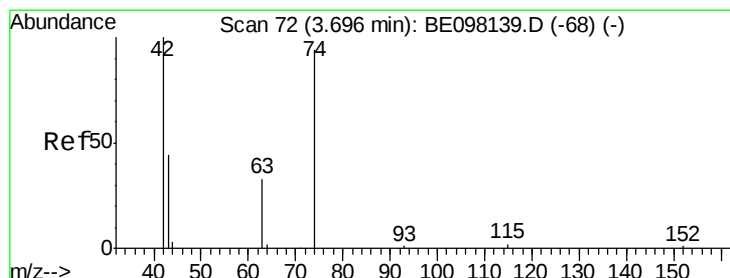
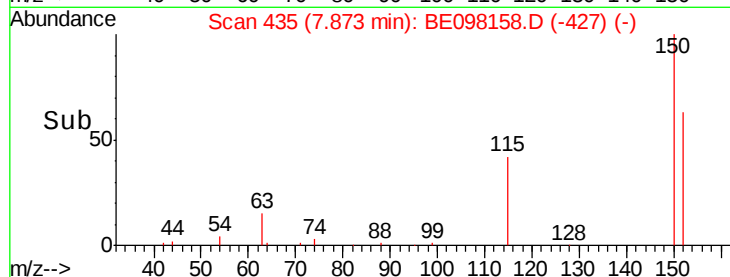
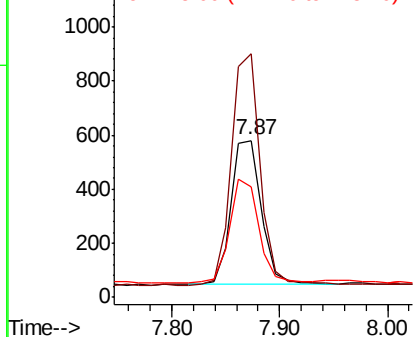
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 435
Delta R.T. -0.00 min
Lab File: BE098158.D
Acq: 5 Nov 2018 12:52

Instrument :
BNA_E
ClientSampleId :
FB-10-31-18

Tot Ion:152 Resp: 1028
Ion Ratio Lower Upper
152 100
150 155.1 118.2 177.4
115 70.6 50.9 76.3



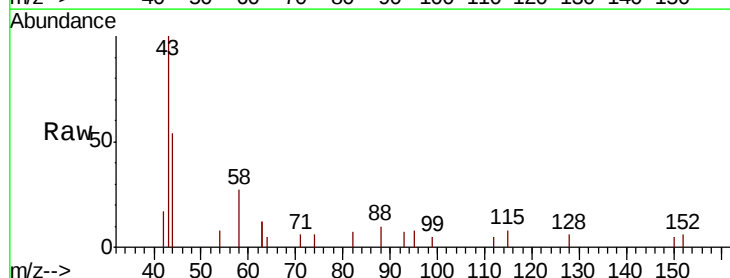
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



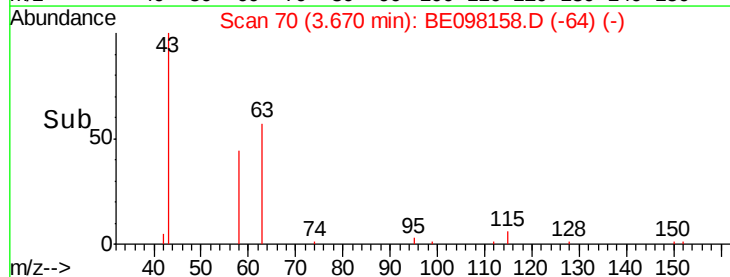
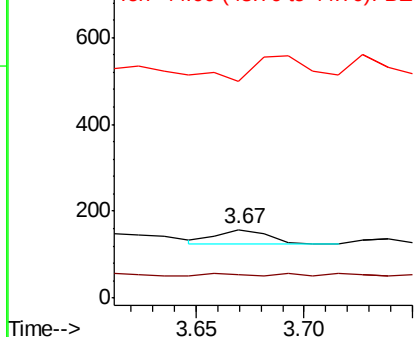
#3

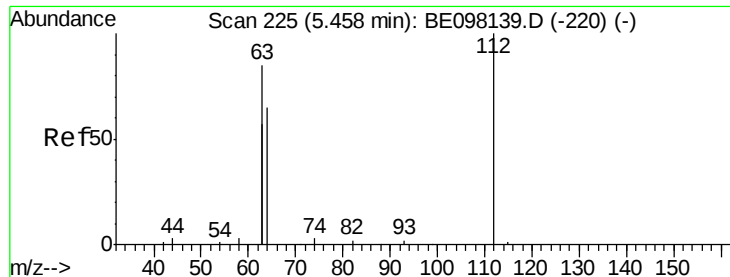
n-Nitrosodimethylamine
Concen: 0.028 ng
RT: 3.67 min Scan# 70
Delta R.T. -0.03 min
Lab File: BE098158.D
Acq: 5 Nov 2018 12:52

Tgt Ion: 42 Resp: 57
Ion Ratio Lower Upper
42 100
74 14.0 77.6 116.4#
44 0.0 7.6 11.4#



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: 0.165 ng

RT: 5.45 min Scan# 225

Delta R.T. -0.00 min

Lab File: BE098158.D

Acq: 5 Nov 2018 12:52

Instrument :

BNA_E

ClientSampled :

FB-10-31-18

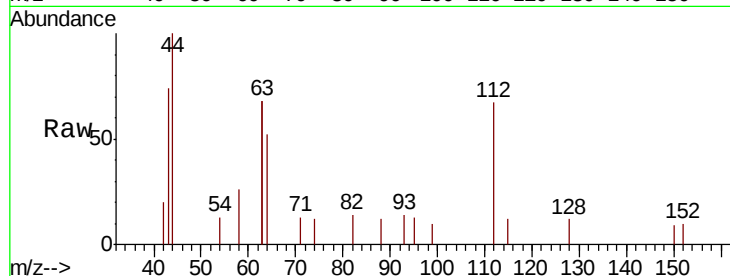
Tot Ion:112 Resp: 502

Ion Ratio Lower Upper

112 100

64 78.3 58.9 88.3

63 197.4 120.3 180.5#



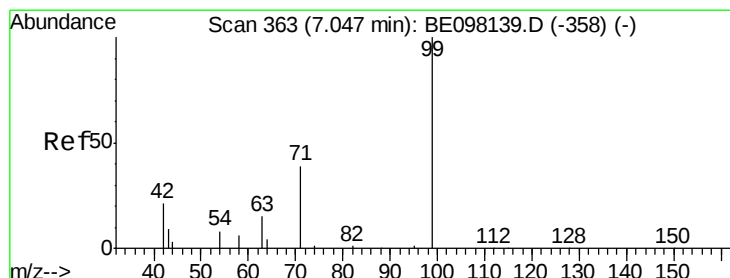
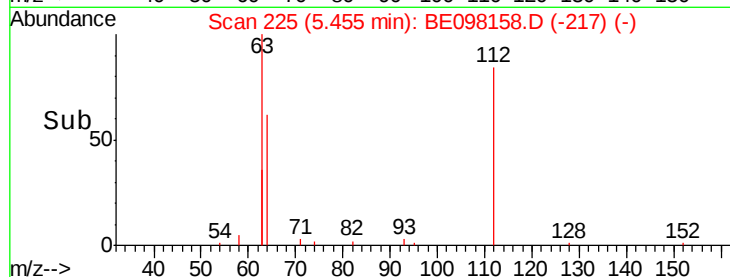
Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Time-->

5.40 5.50 5.60



#5

Phenol-d6

Concen: 0.098 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098158.D

Acq: 5 Nov 2018 12:52

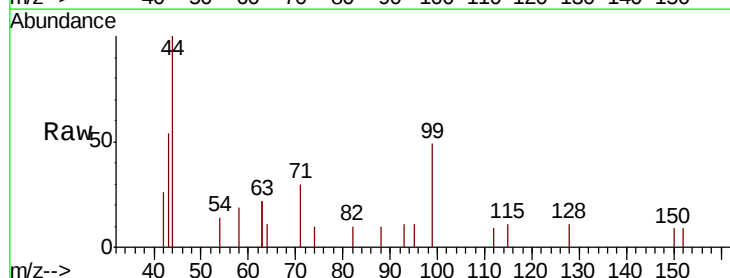
Tgt Ion: 99 Resp: 491

Ion Ratio Lower Upper

99 100

42 33.0 19.9 29.9#

71 51.9 27.8 41.8#



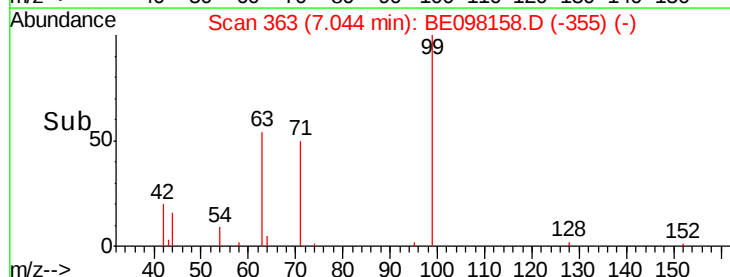
Abundance Ion 99.00 (98.70 to 99.70): BE0

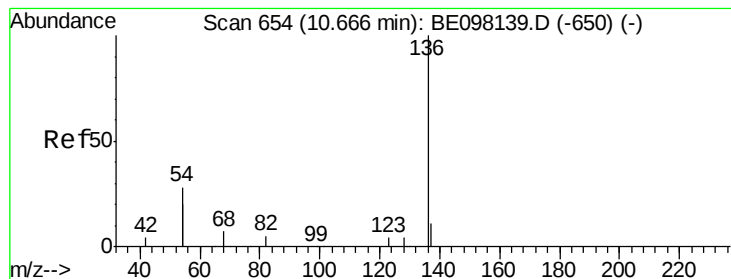
Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

Time-->

6.90 7.00 7.10 7.20





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098158.D

Acq: 5 Nov 2018 12:52

Instrument :

BNA_E

ClientSampleId :

FB-10-31-18

Tot Ion:136 Resp: 4824

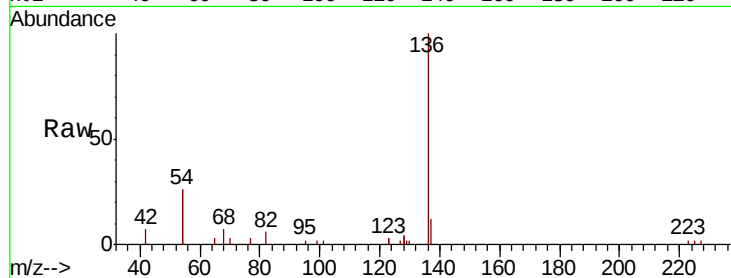
Ion Ratio Lower Upper

136 100

137 12.1 9.6 14.4

54 51.8 27.7 41.5#

68 7.3 5.3 7.9

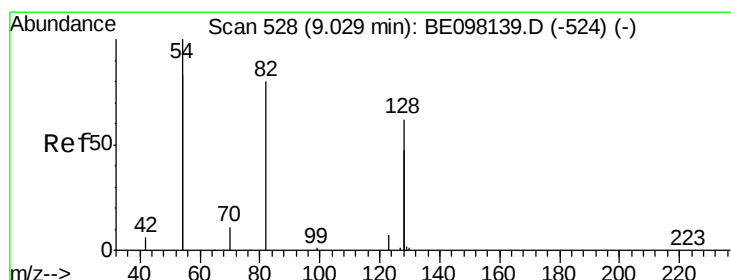
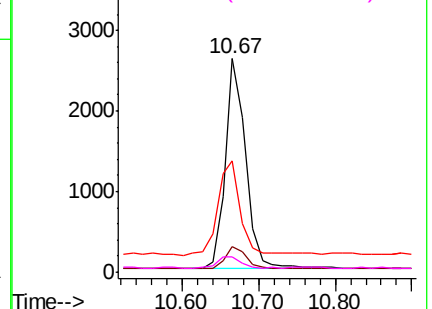
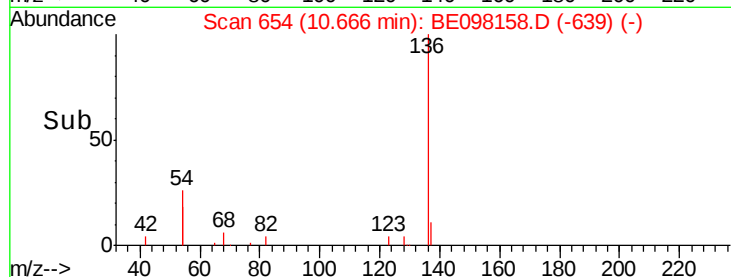


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.297 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.00 min

Lab File: BE098158.D

Acq: 5 Nov 2018 12:52

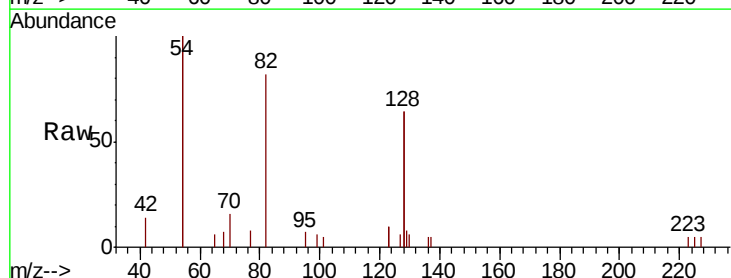
Tgt Ion: 82 Resp: 1536

Ion Ratio Lower Upper

82 100

128 157.4 129.9 194.9

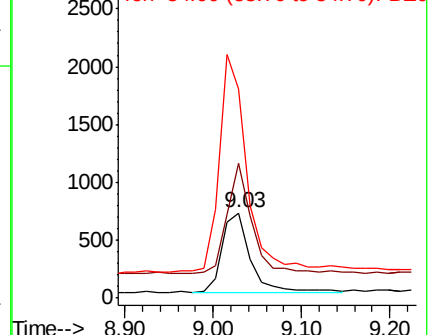
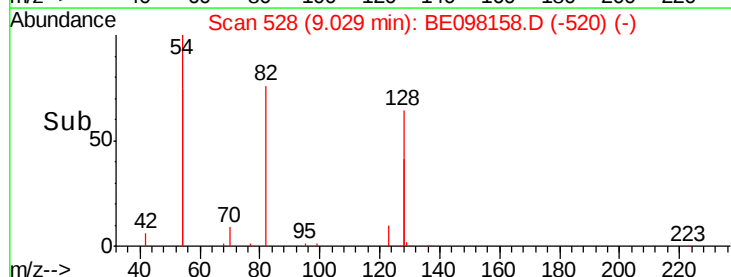
54 245.3 174.0 261.0

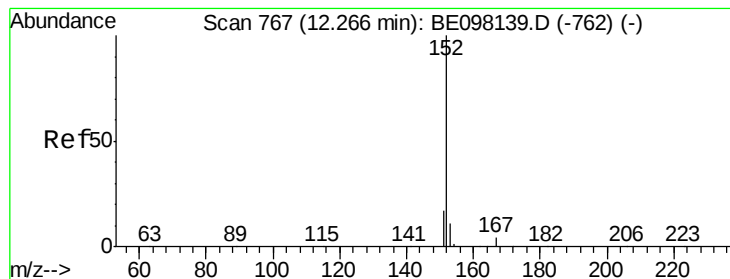


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.328 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098158.D

Acq: 5 Nov 2018 12:52

Instrument :

BNA_E

ClientSampleId :

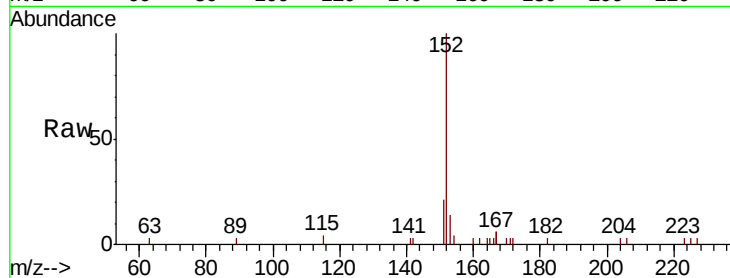
FB-10-31-18

Tot Ion:152 Resp: 2790

Ion Ratio Lower Upper

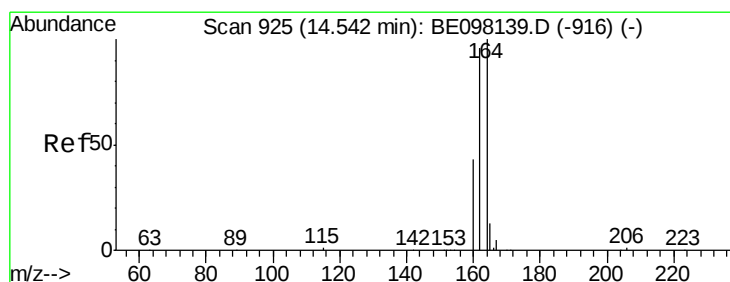
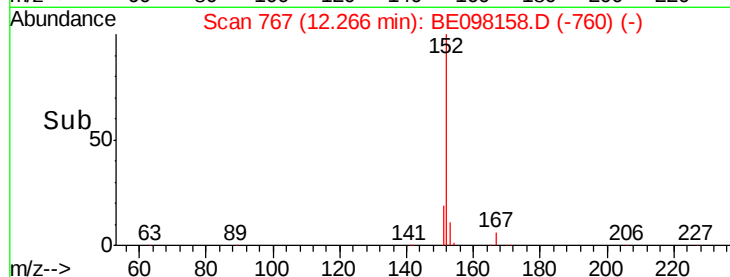
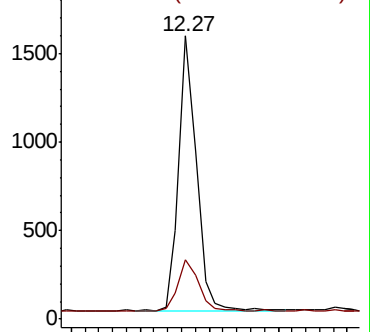
152 100

151 22.5 16.2 24.4



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. -0.00 min

Lab File: BE098158.D

Acq: 5 Nov 2018 12:52

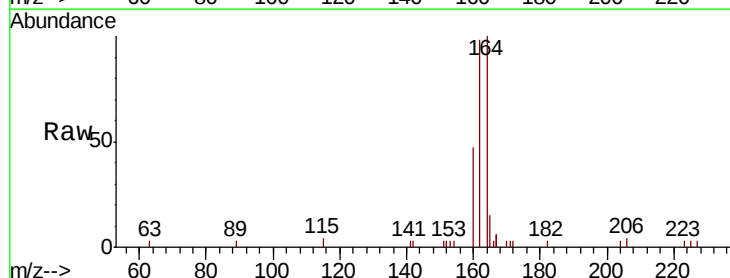
Tgt Ion:164 Resp: 3248

Ion Ratio Lower Upper

164 100

162 98.2 77.4 116.2

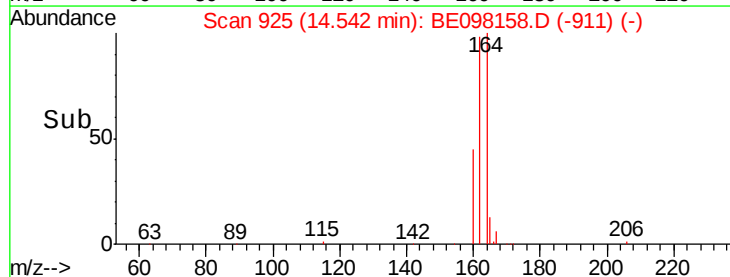
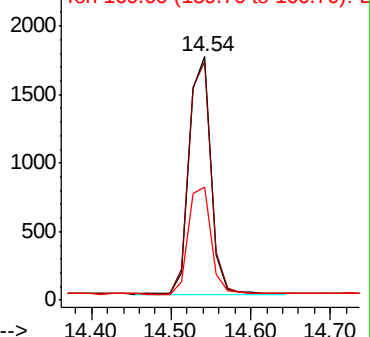
160 46.5 36.5 54.7

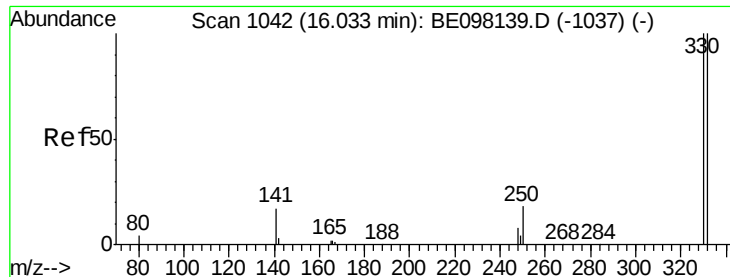


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

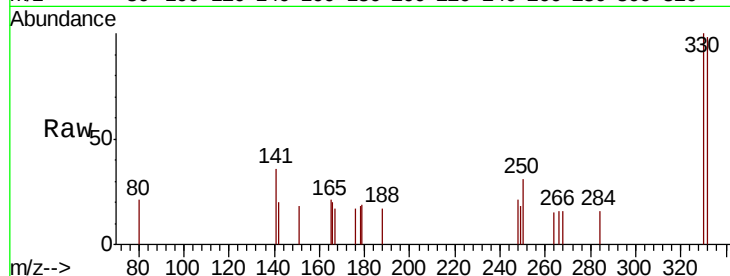




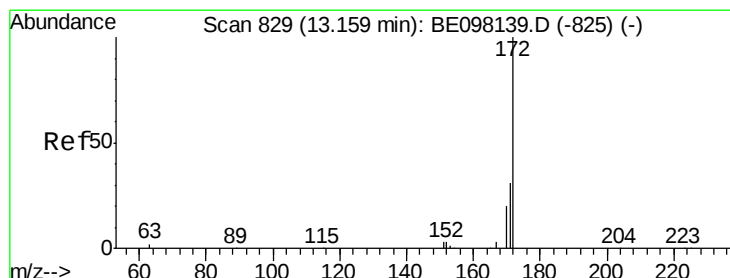
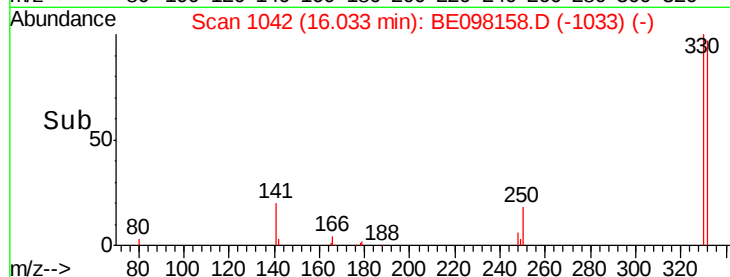
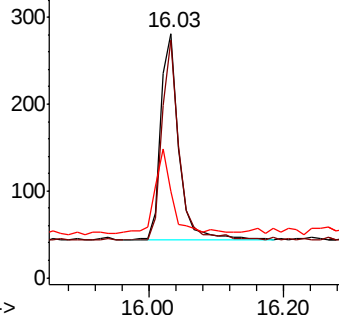
#14
 2,4,6-Tribromophenol
 Concen: 0.299 ng
 RT: 16.03 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BE098158.D
 Acq: 5 Nov 2018 12:52

Instrument :
 BNA_E
 ClientSampleId :
 FB-10-31-18

Tot Ion:330 Resp: 460
 Ion Ratio Lower Upper
 330 100
 332 91.5 76.5 114.7
 141 38.5 31.8 47.6

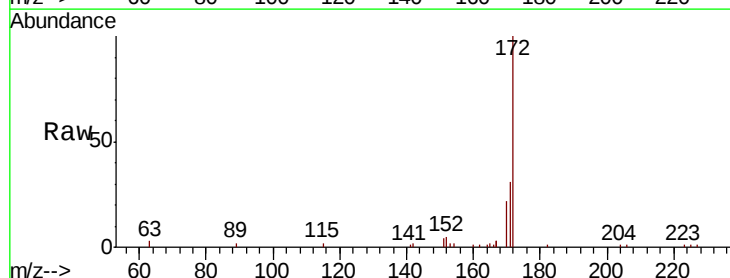


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

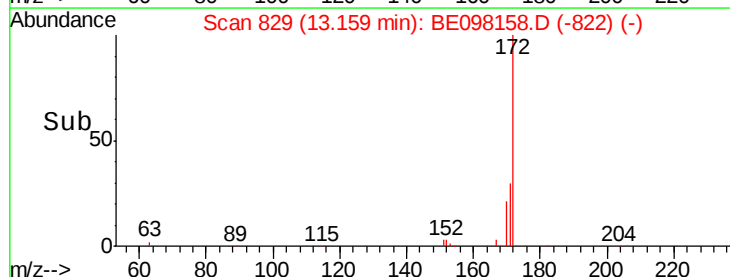
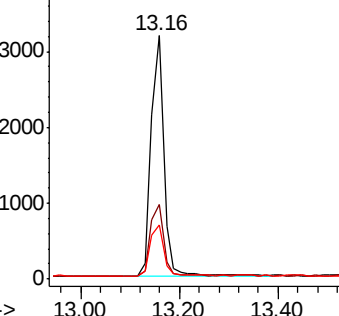


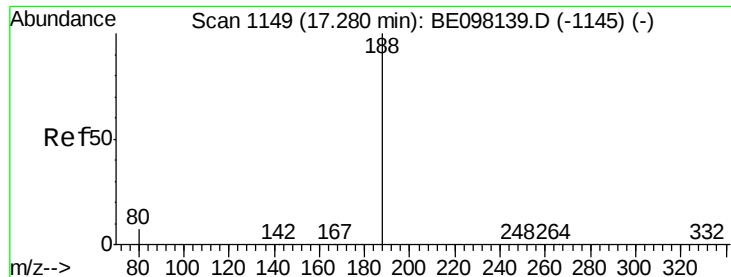
#15
 2-Fluorobiphenyl
 Concen: 0.417 ng
 RT: 13.16 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BE098158.D
 Acq: 5 Nov 2018 12:52

Tgt Ion:172 Resp: 5563
 Ion Ratio Lower Upper
 172 100
 171 30.9 26.0 39.0
 170 22.2 18.0 27.0



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: BE098158.D

Acq: 5 Nov 2018 12:52

Instrument :

BNA_E

ClientSampleId :

FB-10-31-18

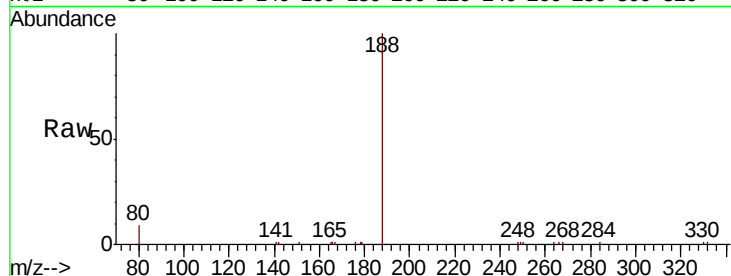
Tot Ion:188 Resp: 7987

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

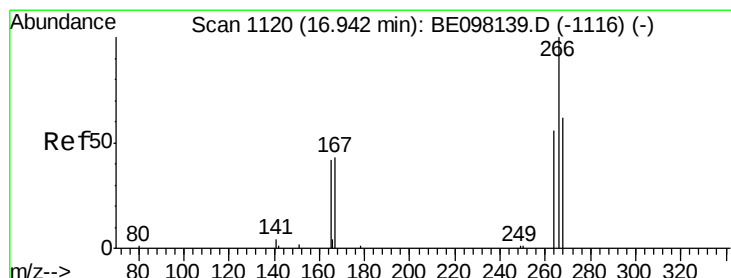
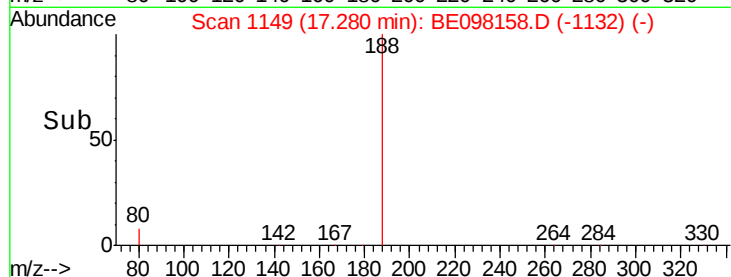
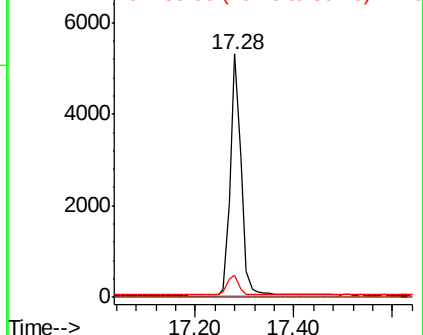
80 9.1 6.3 9.5



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: 0.138 ng

RT: 16.97 min Scan# 1122

Delta R.T. 0.02 min

Lab File: BE098158.D

Acq: 5 Nov 2018 12:52

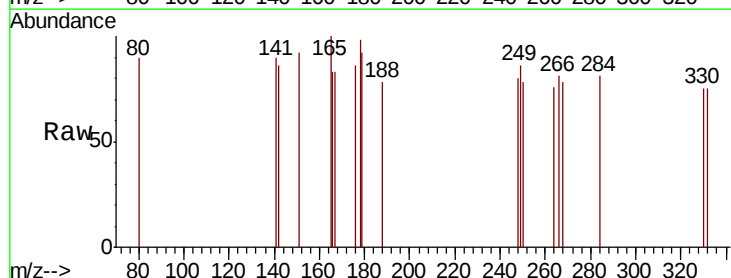
Tgt Ion:266 Resp: 6

Ion Ratio Lower Upper

266 100

264 93.8 51.3 76.9#

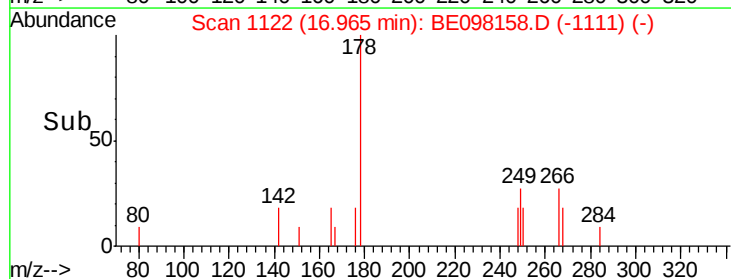
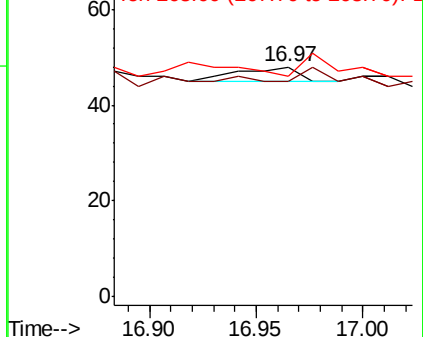
268 95.8 50.1 75.1#

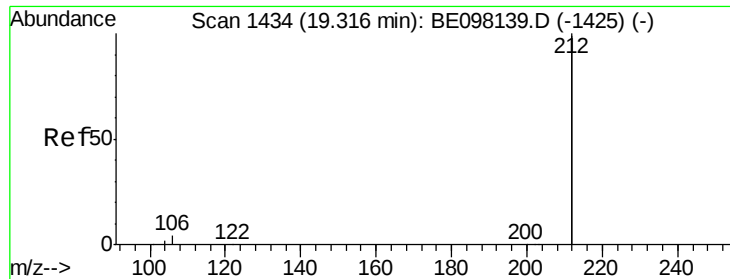


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.329 ng

RT: 19.31 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BE098158.D

Acq: 5 Nov 2018 12:52

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BNA_E

ClientSampleId :

FB-10-31-18

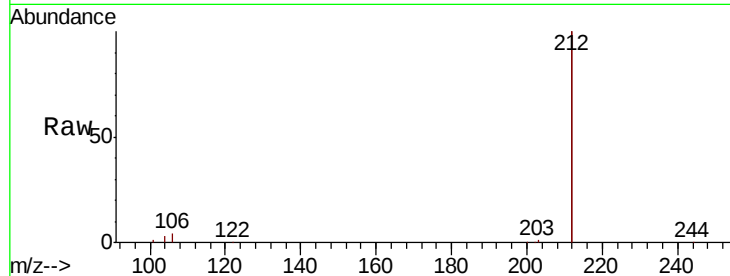
Tot Ion:212 Resp: 33895

Ion Ratio Lower Upper

212 100

106 2.0 2.3 3.5#

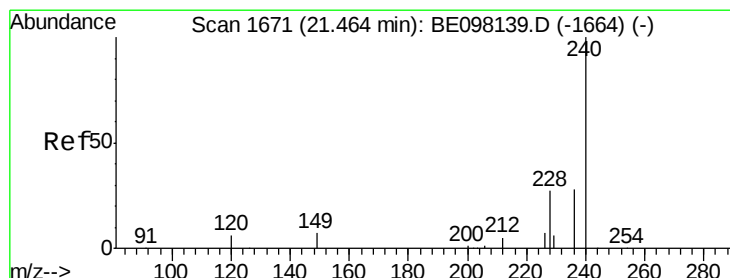
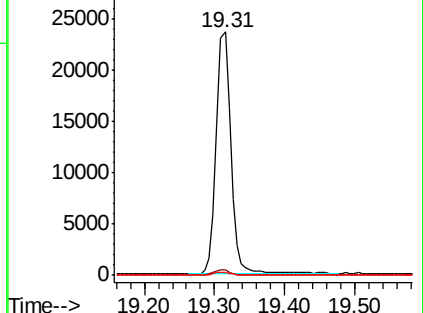
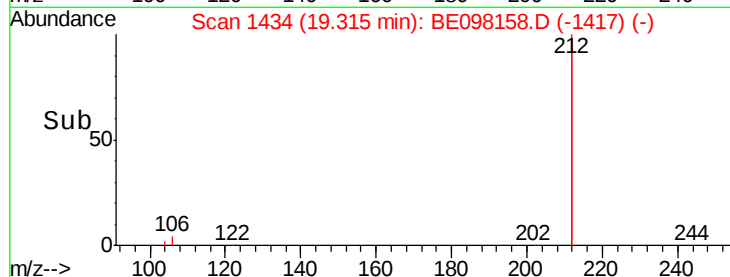
104 1.3 1.3 1.9



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: 21.46 min Scan# 1671

Delta R.T. 0.00 min

Lab File: BE098158.D

Acq: 5 Nov 2018 12:52

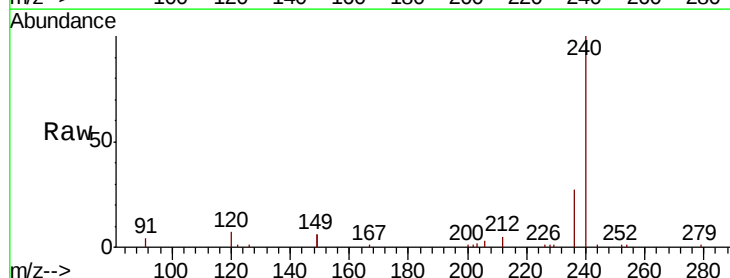
Tgt Ion:240 Resp: 8869

Ion Ratio Lower Upper

240 100

120 7.5 7.1 10.7

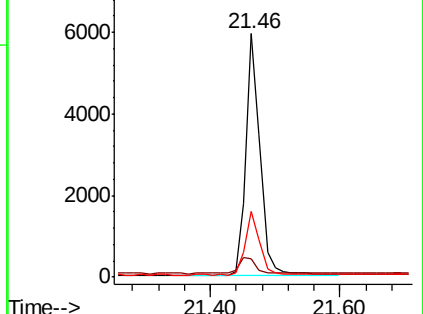
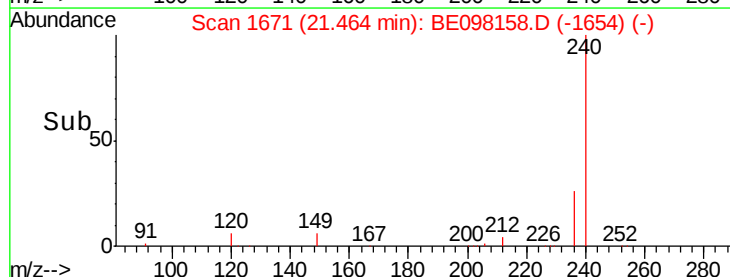
236 27.2 21.3 31.9

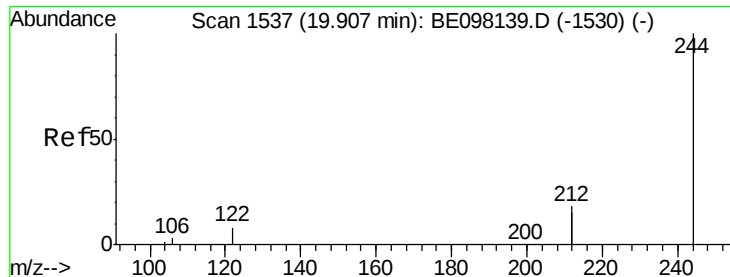


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.405 ng

RT: 19.91 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BE098158.D

Acq: 5 Nov 2018 12:52

Instrument :

BNA_E

ClientSampleId :

FB-10-31-18

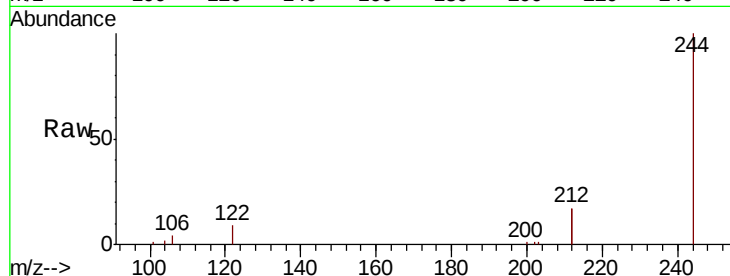
Tot Ion:244 Resp: 8347

Ion Ratio Lower Upper

244 100

212 34.6 26.2 39.2

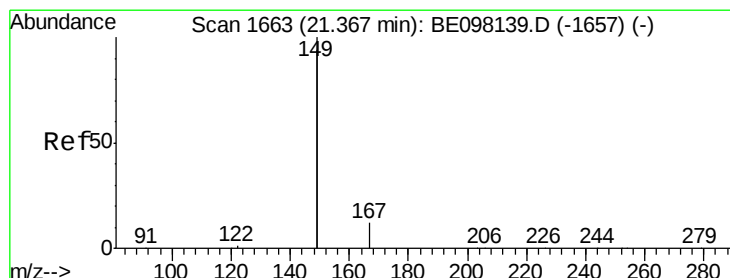
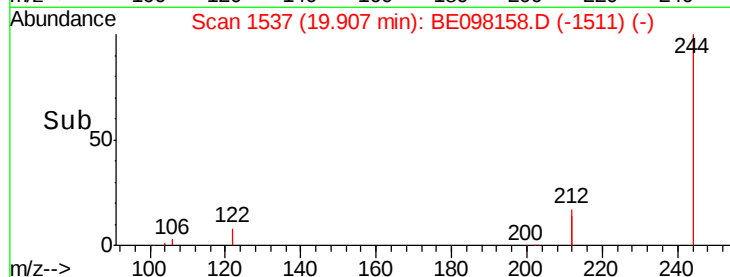
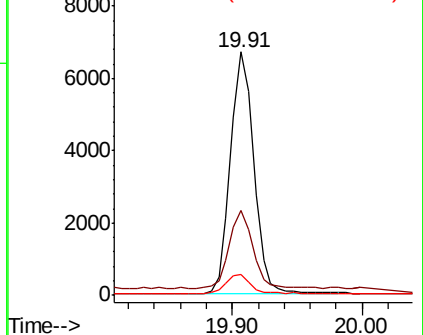
122 8.8 7.7 11.5



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: Below Cal

RT: 21.37 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BE098158.D

Acq: 5 Nov 2018 12:52

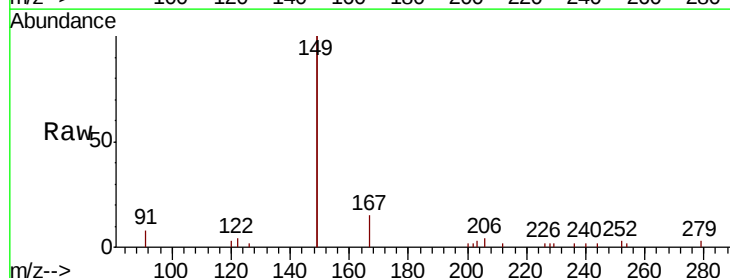
Tgt Ion:149 Resp: 5974

Ion Ratio Lower Upper

149 100

167 6.8 5.6 8.4

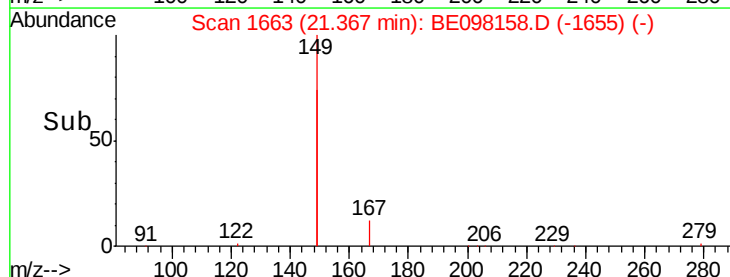
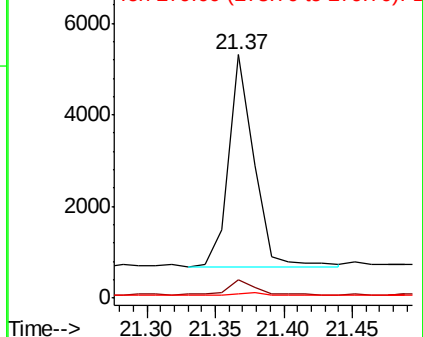
279 1.2 0.9 1.3

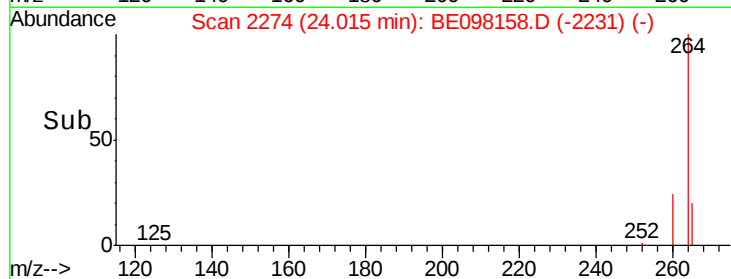
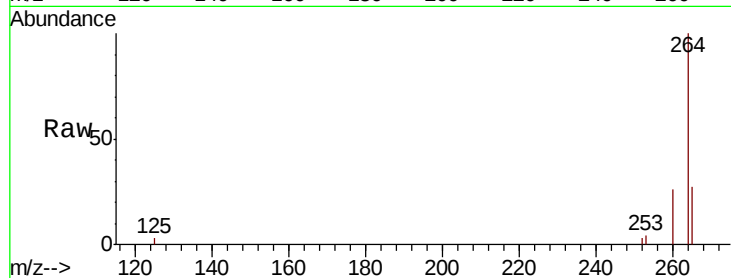
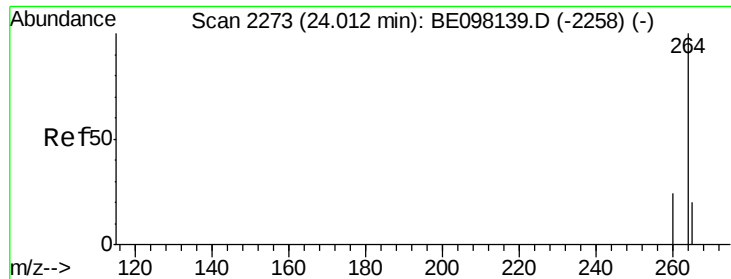


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 24.02 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: BE098158.D
 Acq: 5 Nov 2018 12:52

Instrument :
 BNA_E
 ClientSampleId :
 FB-10-31-18

Tot Ion:264 Resp: 8642
 Ion Ratio Lower Upper
 264 100
 260 25.5 21.1 31.7
 265 26.6 29.2 43.8#

