

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121418\
 Data File : BE098447.D
 Acq On : 14 Dec 2018 22:06
 Operator : SJ/JU
 Sample : J6343-14
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-DUP05-20181209

Quant Time: Dec 14 23:33:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 14:59:55 2018
 Response via : Initial Calibration

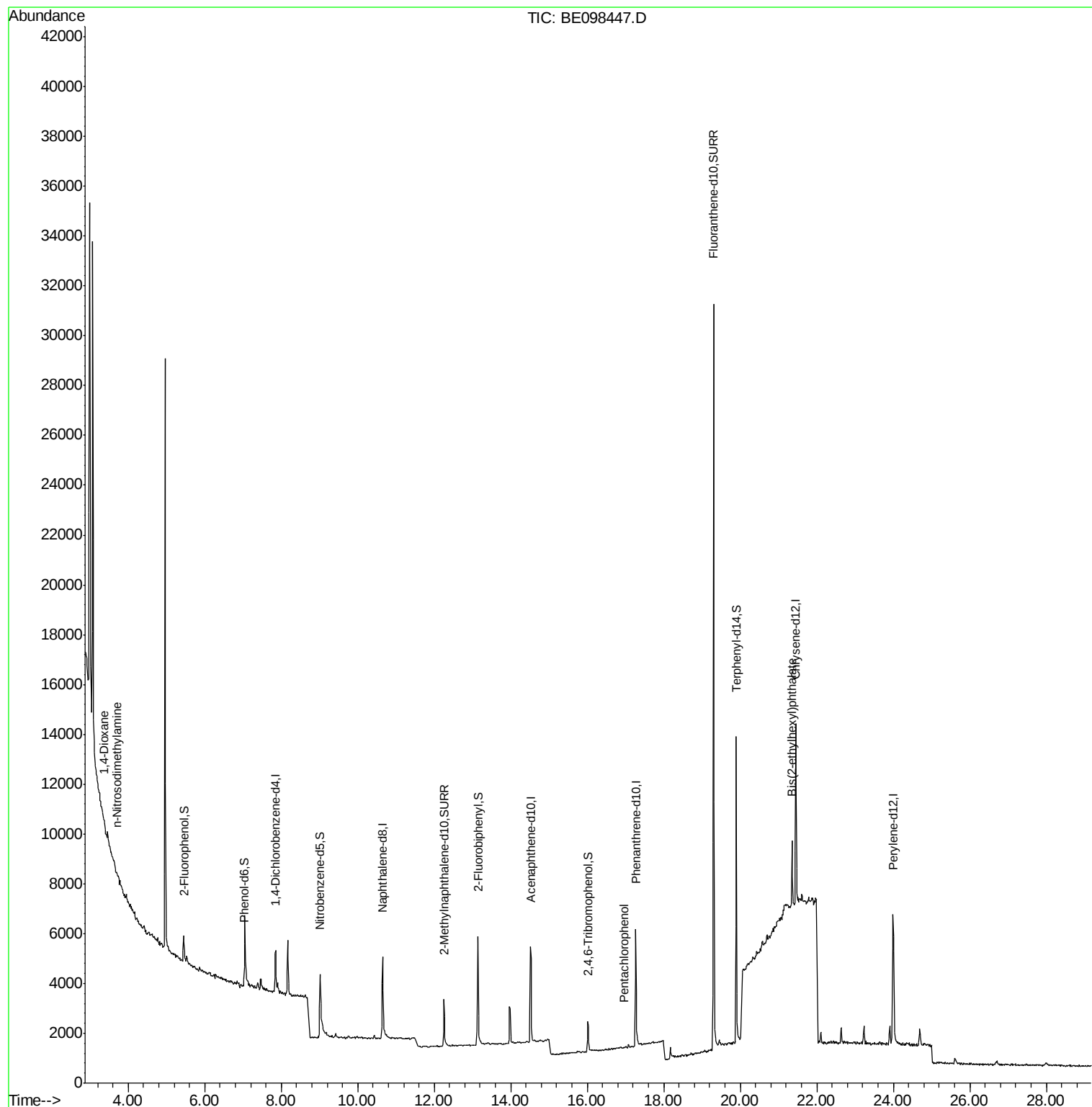
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1019	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	4176	0.40	ng	-0.01
13) Acenaphthene-d10	14.51	164	2802	0.40	ng	-0.01
19) Phenanthrene-d10	17.27	188	7410	0.40	ng	-0.01
27) Chrysene-d12	21.45	240	8864	0.40	ng	-0.01
34) Perylene-d12	24.00	264	8561	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	648	0.27	ng	0.00
5) Phenol-d6	7.03	99	619	0.18	ng	-0.01
8) Nitrobenzene-d5	9.02	82	1751	0.46	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	2985	0.44	ng	-0.01
14) 2,4,6-Tribromophenol	16.01	330	894	0.87	ng	-0.01
15) 2-Fluorobiphenyl	13.15	172	5792	0.49	ng	0.00
25) Fluoranthene-d10	19.30	212	43831	0.46	ng	0.00
29) Terphenyl-d14	19.89	244	11144	0.52	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.36	88	124	0.070	ng	# 75
3) n-Nitrosodimethylamine	3.70	42	53	0.033	ng	# 100
22) Pentachlorophenol	16.95	266	10	0.031	ng	# 71
32) Bis(2-ethylhexyl)phthalate	21.35	149	3250	0.063	ng	# 92

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

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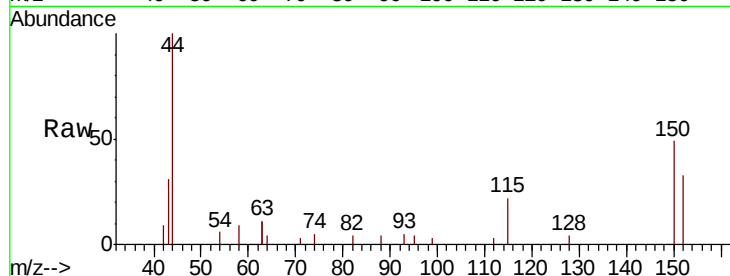


#1

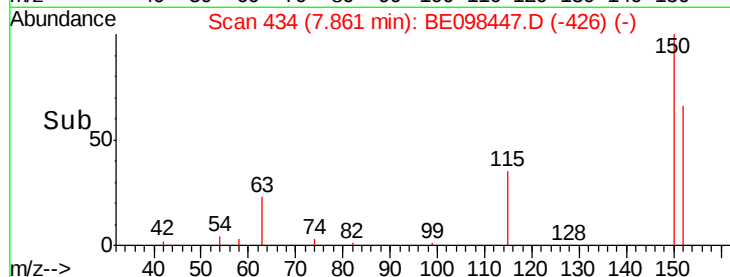
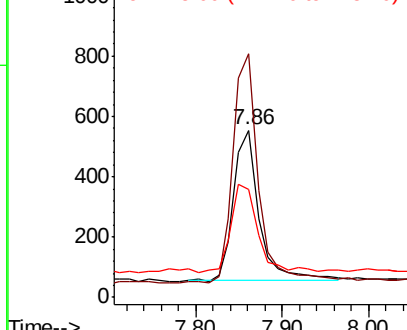
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098447.D
Acq: 14 Dec 2018 22:06

Instrument :
BNA_E
ClientSampleId :
BP-DUP05-20181209

Tgt Ion: 152 Resp: 1019
Ion Ratio Lower Upper
152 100
150 145.7 124.2 186.4
115 65.0 53.9 80.9



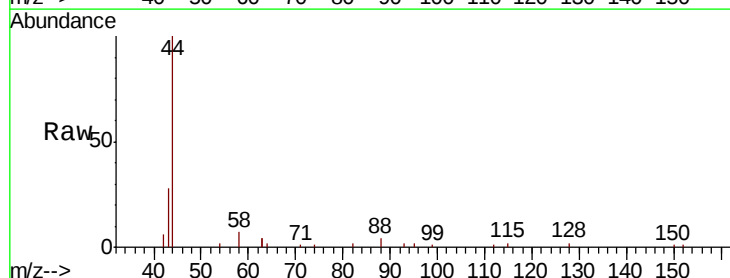
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



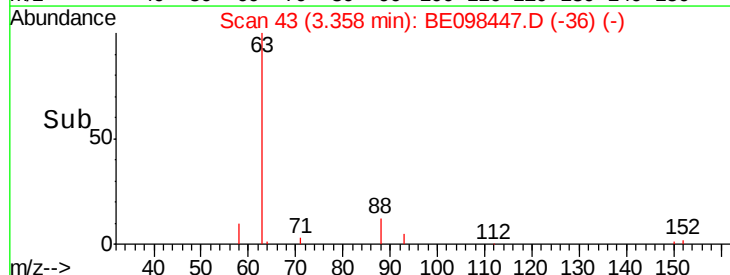
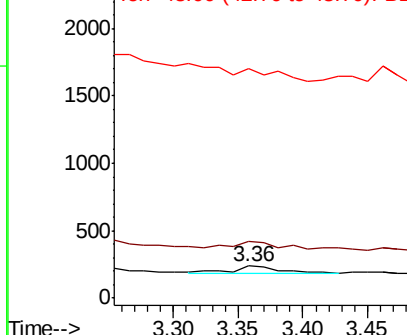
#2

1,4-Dioxane
Concen: 0.070 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE098447.D
Acq: 14 Dec 2018 22:06

Tgt Ion: 88 Resp: 124
Ion Ratio Lower Upper
88 100
58 95.2 75.0 112.6
43 0.0 38.3 57.5#



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



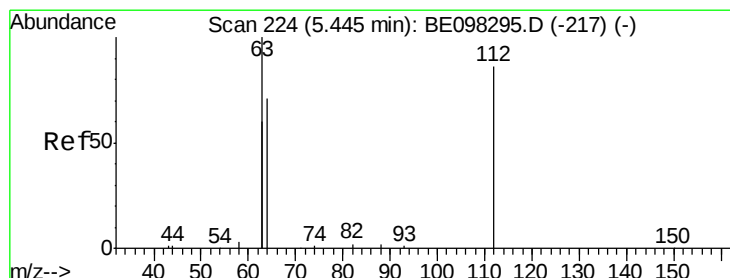
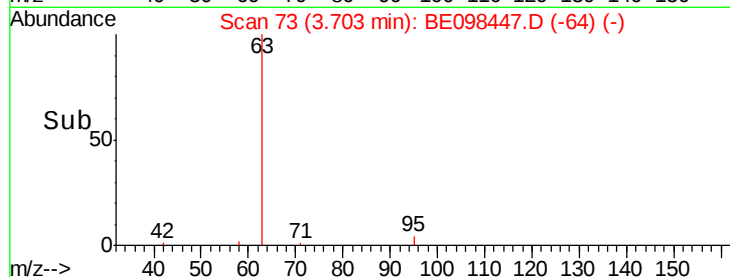
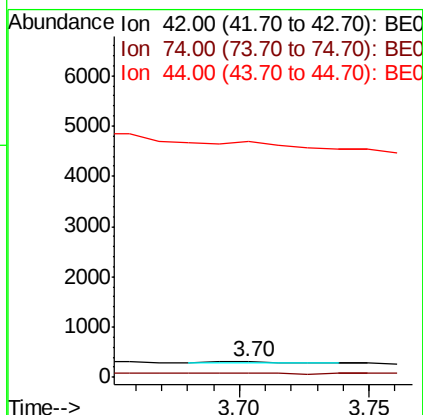
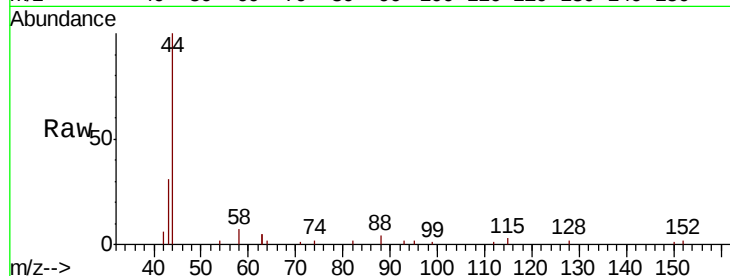


#3

n-Nitrosodimethylamine
 Concen: 0.033 ng
 RT: 3.70 min Scan# 73
 Delta R.T. 0.01 min
 Lab File: BE098447.D
 Acq: 14 Dec 2018 22:06

Instrument :
 BNA_E
 ClientSampleId :
 BP-DUP05-20181209

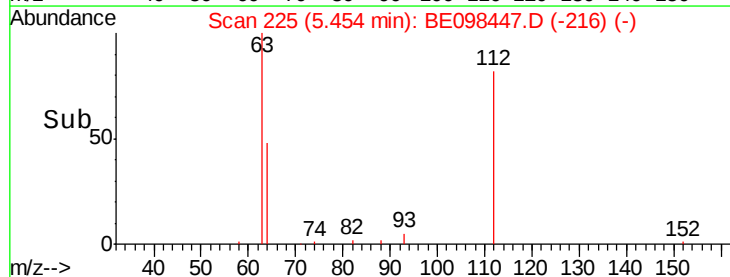
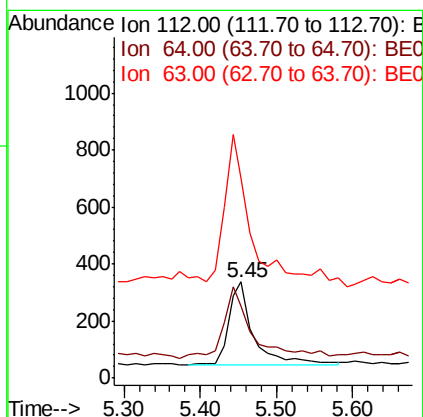
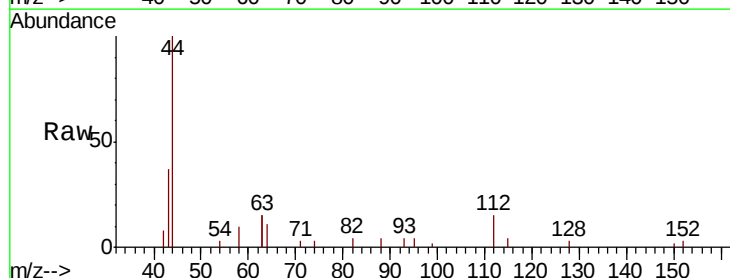
Tgt Ion: 42 Resp: 53
 Ion Ratio Lower Upper
 42 100
 74 0.0 0.0 0.0
 44 0.0 0.0 0.0



#4

2-Fluorophenol
 Concen: 0.272 ng
 RT: 5.45 min Scan# 225
 Delta R.T. 0.01 min
 Lab File: BE098447.D
 Acq: 14 Dec 2018 22:06

Tgt Ion: 112 Resp: 648
 Ion Ratio Lower Upper
 112 100
 64 106.5 59.8 89.8#
 63 171.5 133.7 200.5





#5

Phenol-d6

Concen: 0.183 ng

RT: 7.03 min Scan# 362

Delta R.T. -0.01 min

Lab File: BE098447.D

Acq: 14 Dec 2018 22:06

Instrument :

BNA_E

ClientSampleId :

BP-DUP05-20181209

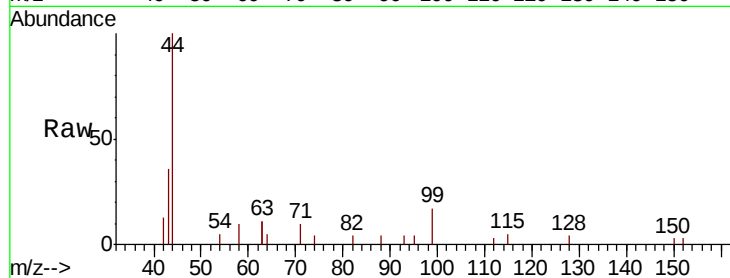
Tgt Ion: 99 Resp: 619

Ion Ratio Lower Upper

99 100

42 46.8 26.3 39.5#

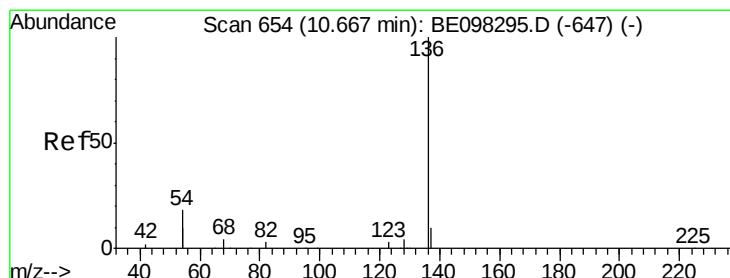
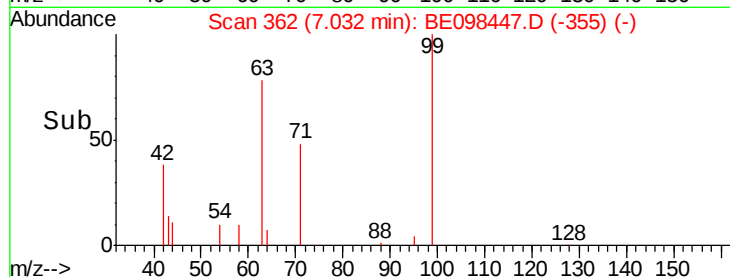
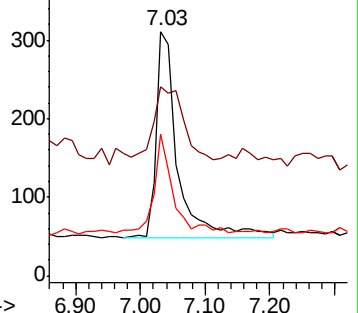
71 41.2 33.6 50.4



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: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE098447.D

Acq: 14 Dec 2018 22:06

Tgt Ion: 136 Resp: 4176

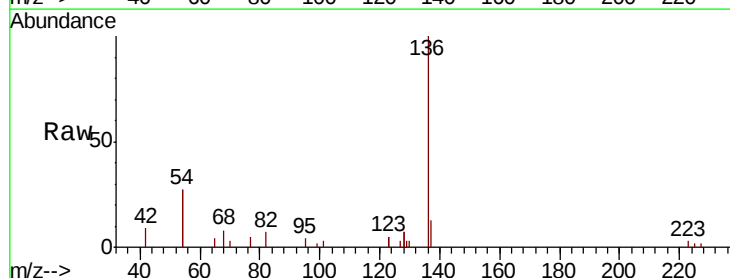
Ion Ratio Lower Upper

136 100

137 13.1 9.2 13.8

54 54.4 28.4 42.6#

68 8.3 5.4 8.0#

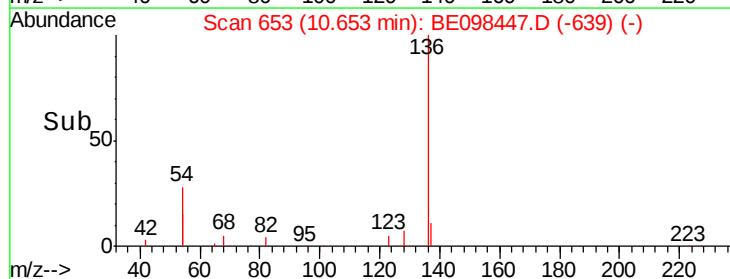
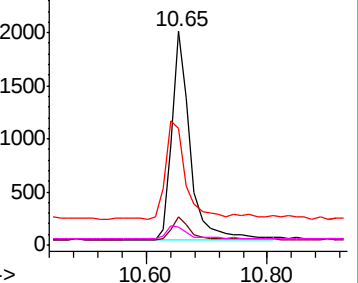


Abundance Ion 136.00 (135.70 to 136.70): E

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

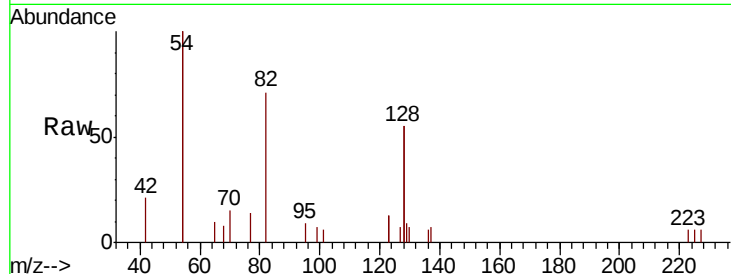




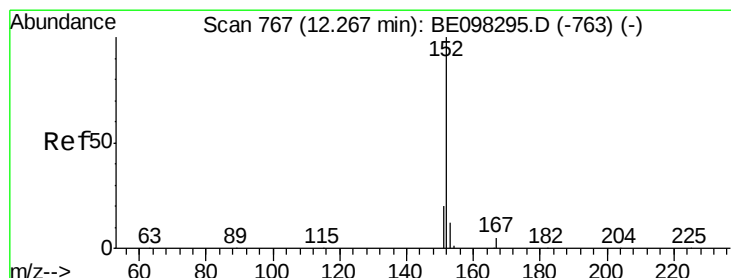
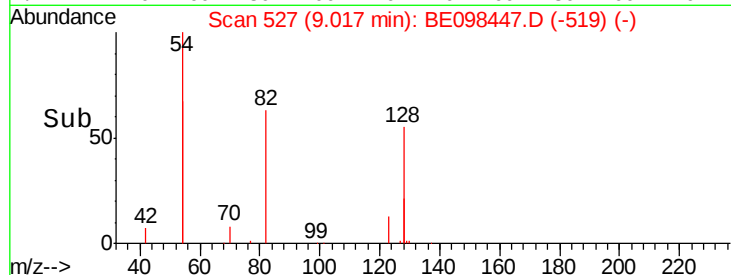
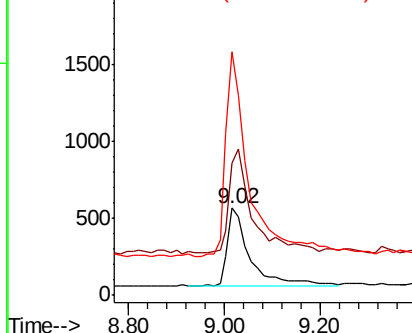
#8
 Nitrobenzene-d5
 Concen: 0.461 ng
 RT: 9.02 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: BE098447.D
 Acq: 14 Dec 2018 22:06

Instrument :
 BNA_E
 ClientSampleId :
 BP-DUP05-20181209

Tgt Ion	Ratio	Lower	Upper
82	100		
128	152.7	102.4	153.6
54	279.9	221.8	332.8

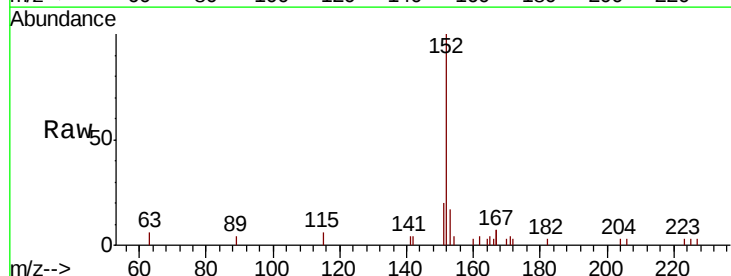


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): BE0
 Ion 54.00 (53.70 to 54.70): BE0

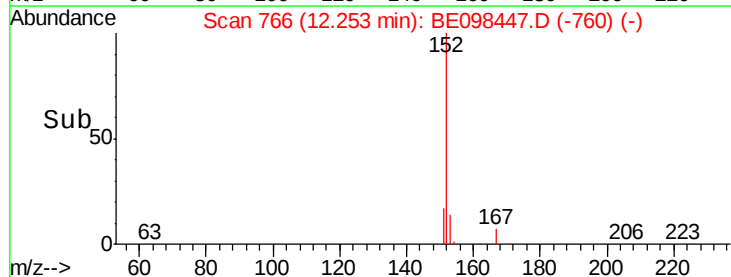
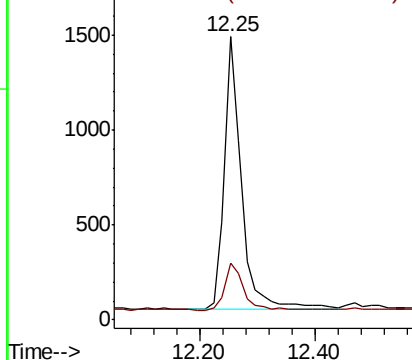


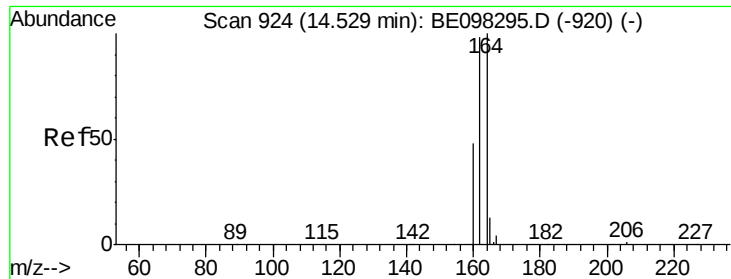
#11
 2-Methylnaphthalene-d10
 Concen: 0.440 ng
 RT: 12.25 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: BE098447.D
 Acq: 14 Dec 2018 22:06

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.2	24.4



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E

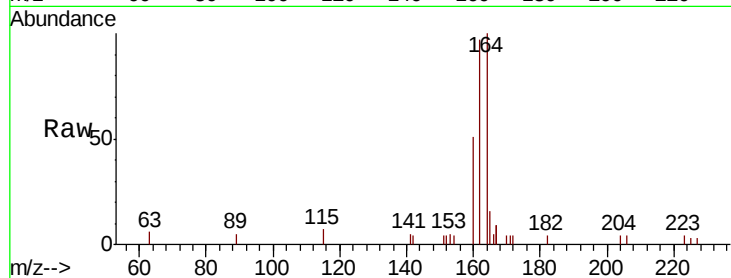




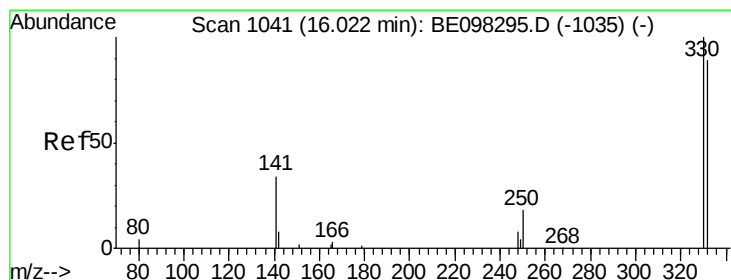
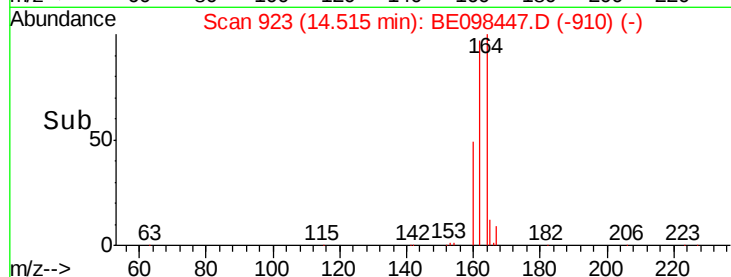
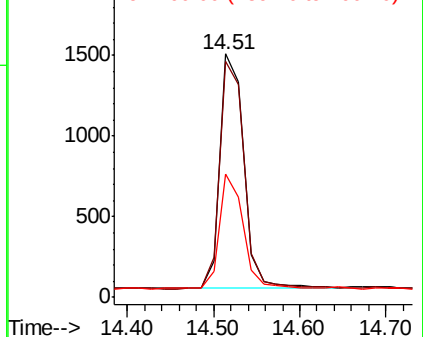
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.51 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BE098447.D
 Acq: 14 Dec 2018 22:06

Instrument :
 BNA_E
 ClientSampleId :
 BP-DUP05-20181209

Tgt Ion:164 Resp: 2802
 Ion Ratio Lower Upper
 164 100
 162 96.8 77.6 116.4
 160 50.6 36.0 54.0

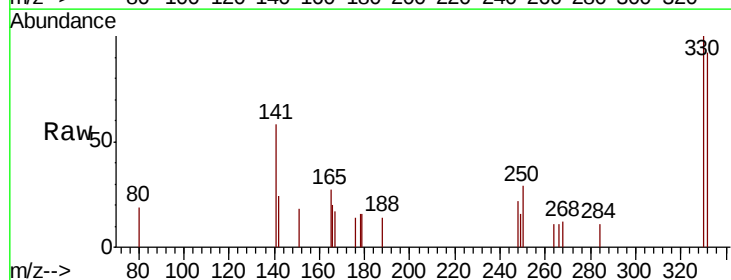


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

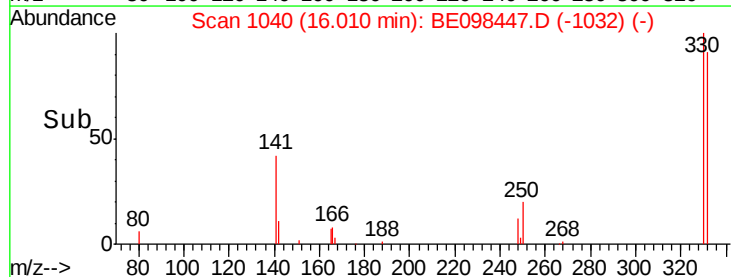
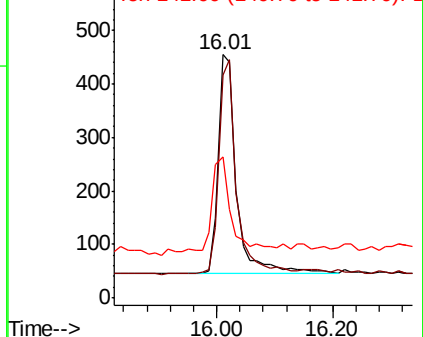


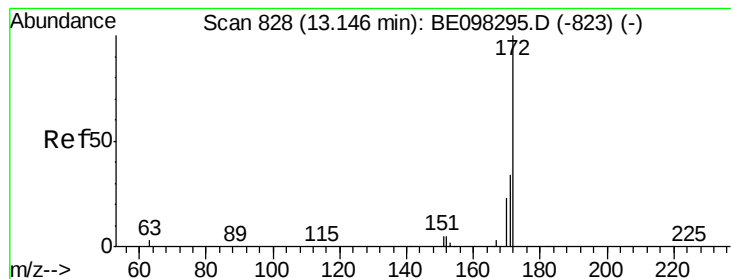
#14
 2,4,6-Tribromophenol
 Concen: 0.869 ng
 RT: 16.01 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BE098447.D
 Acq: 14 Dec 2018 22:06

Tgt Ion:330 Resp: 894
 Ion Ratio Lower Upper
 330 100
 332 94.2 76.2 114.4
 141 43.4 39.0 58.4



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: 0.490 ng

RT: 13.15 min Scan# 828

Delta R.T. 0.00 min

Lab File: BE098447.D

Acq: 14 Dec 2018 22:06

Instrument :

BNA_E

ClientSampleId :

BP-DUP05-20181209

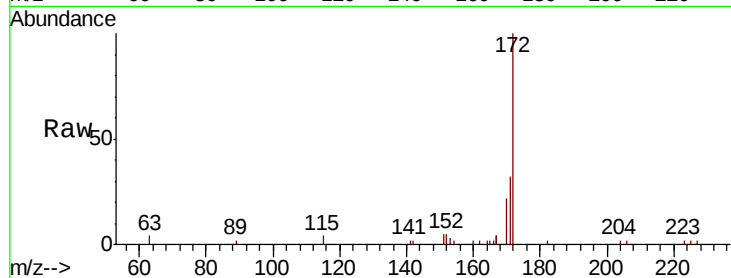
Tgt Ion:172 Resp: 5792

Ion Ratio Lower Upper

172 100

171 32.4 27.5 41.3

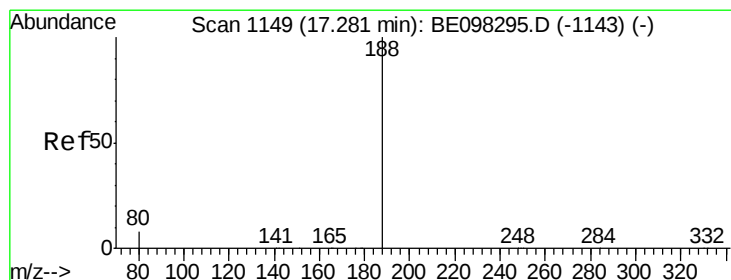
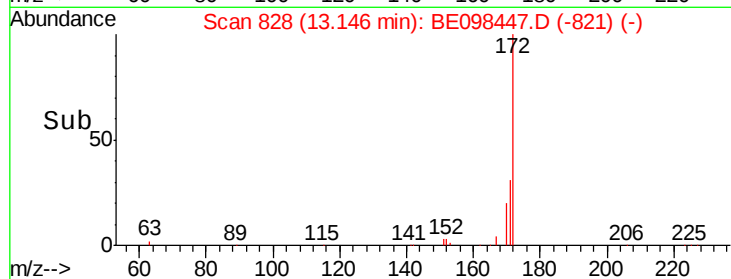
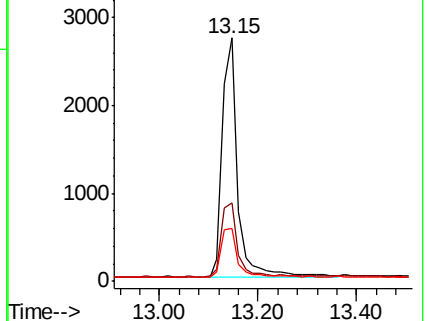
170 21.7 19.6 29.4



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: 17.27 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BE098447.D

Acq: 14 Dec 2018 22:06

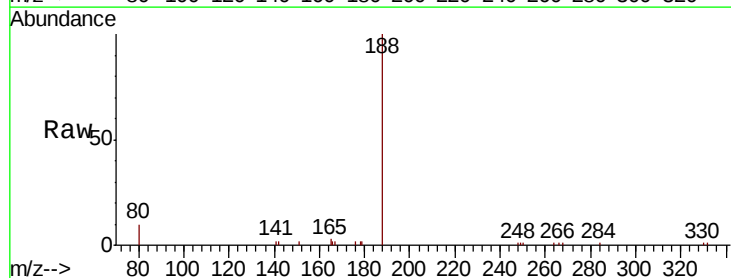
Tgt Ion:188 Resp: 7410

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

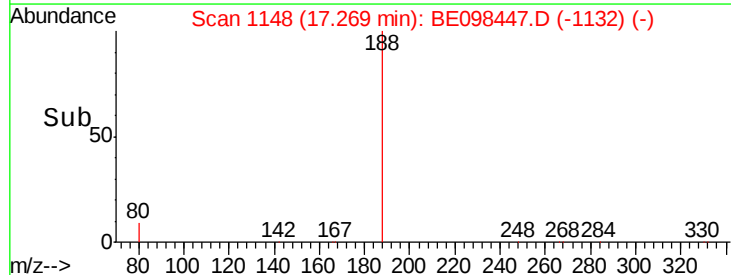
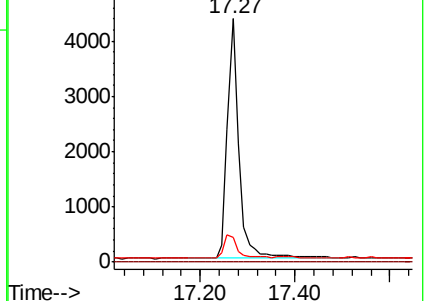
80 10.1 7.2 10.8

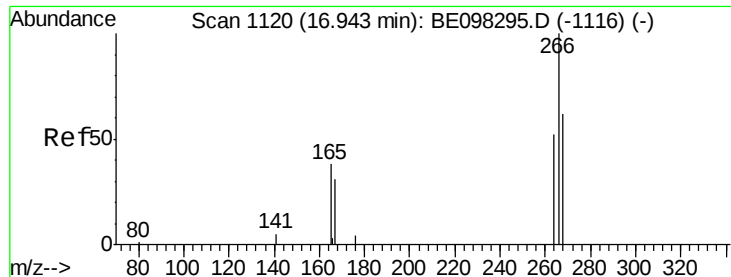


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

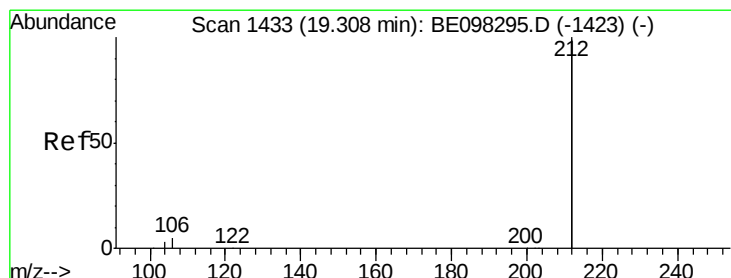
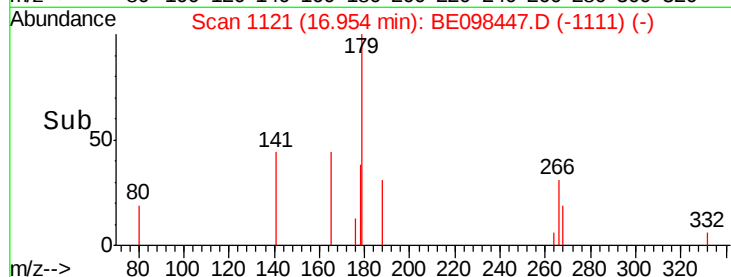
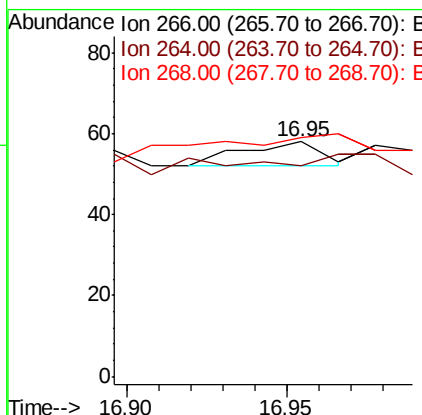
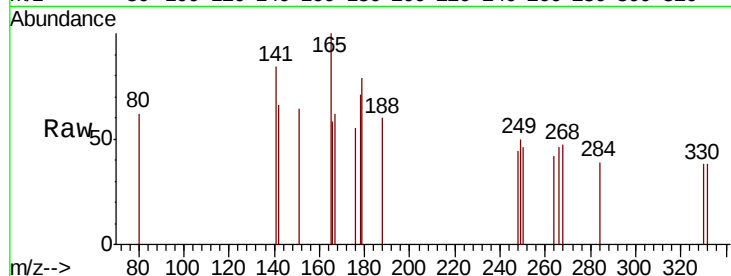




#22
 Pentachlorophenol
 Concen: 0.031 ng
 RT: 16.95 min Scan# 1121
 Delta R.T. 0.01 min
 Lab File: BE098447.D
 Acq: 14 Dec 2018 22:06

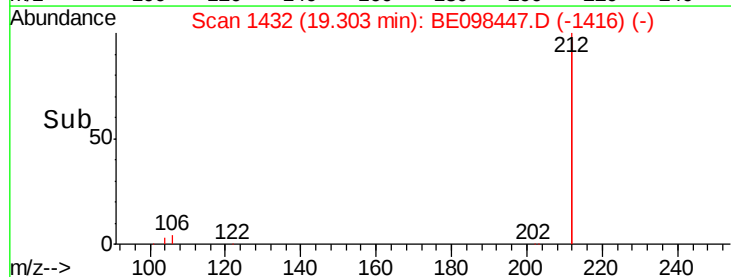
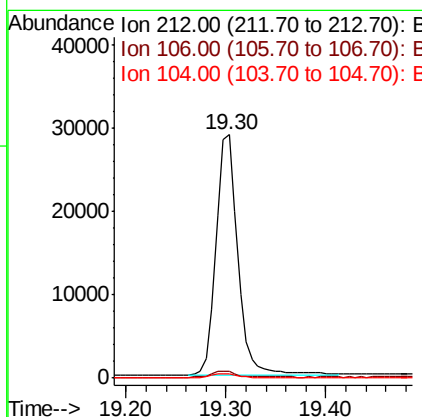
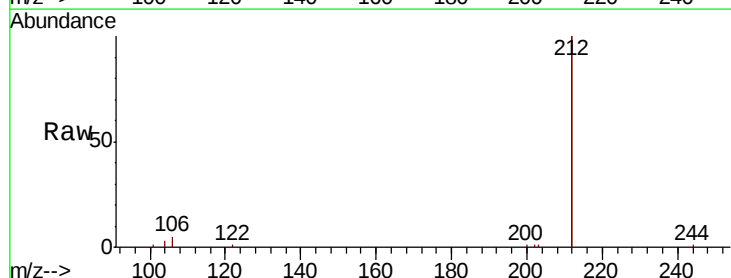
Instrument :
 BNA_E
 ClientSampleId :
 BP-DUP05-20181209

Tgt Ion: 266 Resp: 10
 Ion Ratio Lower Upper
 266 100
 264 89.7 59.0 88.4#
 268 101.7 55.1 82.7#



#25
 Fluoranthene-d10
 Concen: 0.461 ng
 RT: 19.30 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BE098447.D
 Acq: 14 Dec 2018 22:06

Tgt Ion: 212 Resp: 43831
 Ion Ratio Lower Upper
 212 100
 106 2.5 2.2 3.2
 104 1.5 1.3 1.9





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BE098447.D

Acq: 14 Dec 2018 22:06

Instrument :

BNA_E

ClientSampleId :

BP-DUP05-20181209

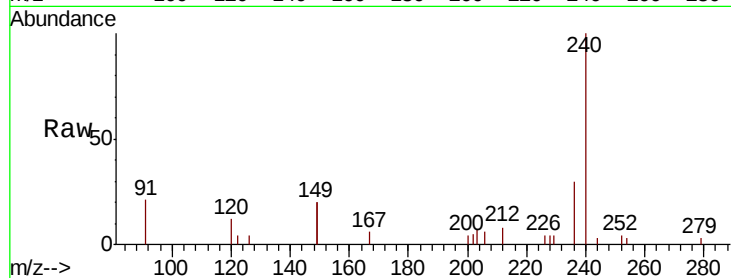
Tgt Ion:240 Resp: 8864

Ion Ratio Lower Upper

240 100

120 12.3 9.5 14.3

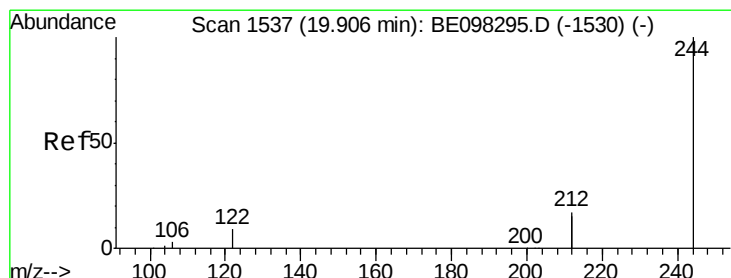
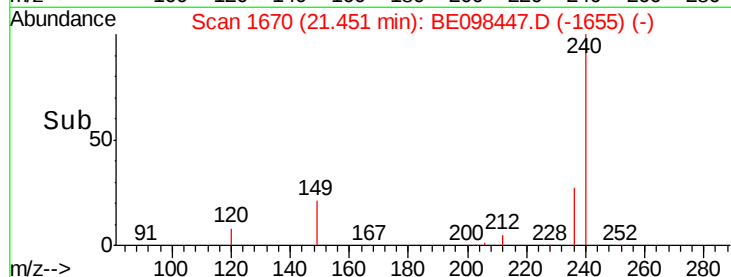
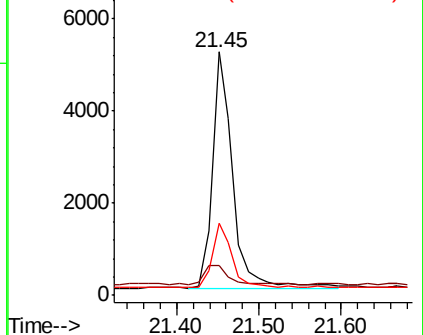
236 29.8 22.7 34.1



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: 0.517 ng

RT: 19.89 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BE098447.D

Acq: 14 Dec 2018 22:06

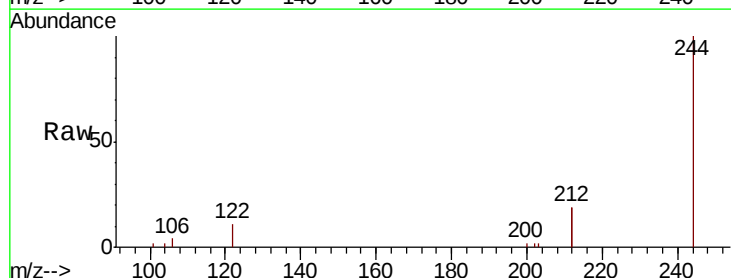
Tgt Ion:244 Resp: 11144

Ion Ratio Lower Upper

244 100

212 38.0 27.4 41.0

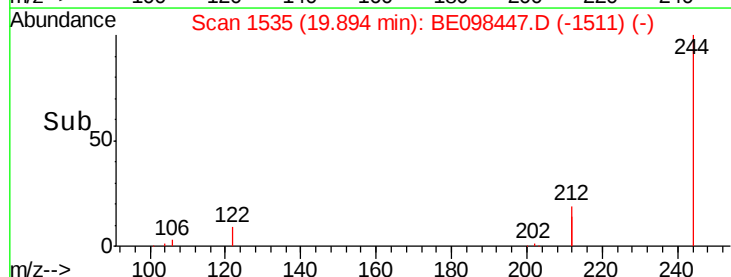
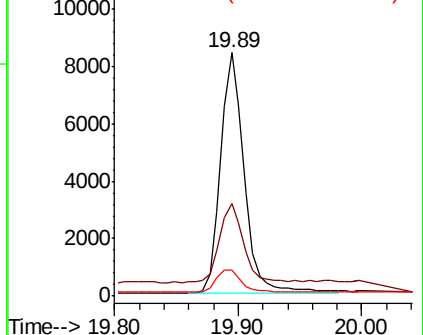
122 10.9 8.3 12.5



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

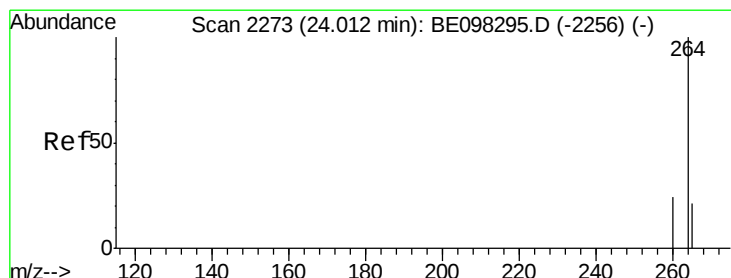
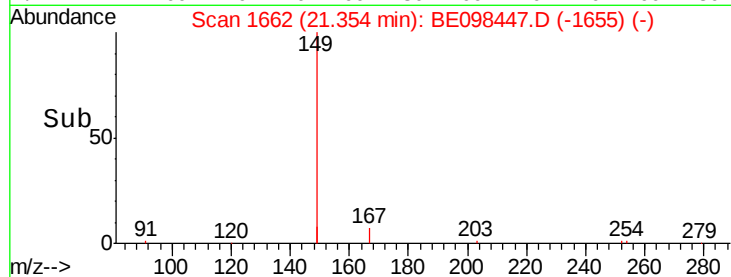
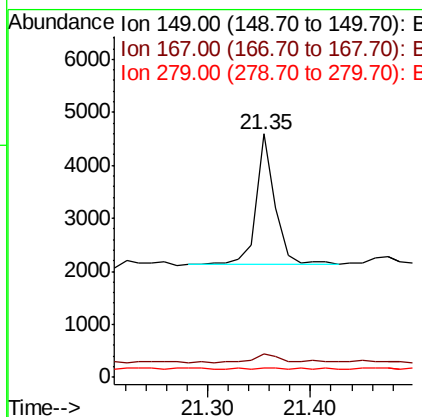
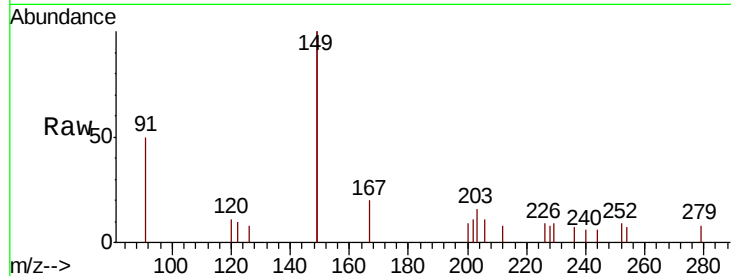




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.063 ng
 RT: 21.35 min Scan# 1662
 Delta R.T. -0.01 min
 Lab File: BE098447.D
 Acq: 14 Dec 2018 22:06

Instrument :
 BNA_E
 ClientSampleId :
 BP-DUP05-20181209

Tgt Ion:149 Resp: 3250
 Ion Ratio Lower Upper
 149 100
 167 10.2 5.7 8.5#
 279 1.7 1.0 1.4#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.00 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: BE098447.D
 Acq: 14 Dec 2018 22:06

Tgt Ion:264 Resp: 8561
 Ion Ratio Lower Upper
 264 100
 260 26.7 20.2 30.2
 265 35.7 25.2 37.8

