

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031419\
 Data File : BE098943.D
 Acq On : 14 Mar 2019 13:14
 Operator : JU/SJ
 Sample : K1860-08DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE105D2-20190311DL

Quant Time: Mar 15 05:40:11 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

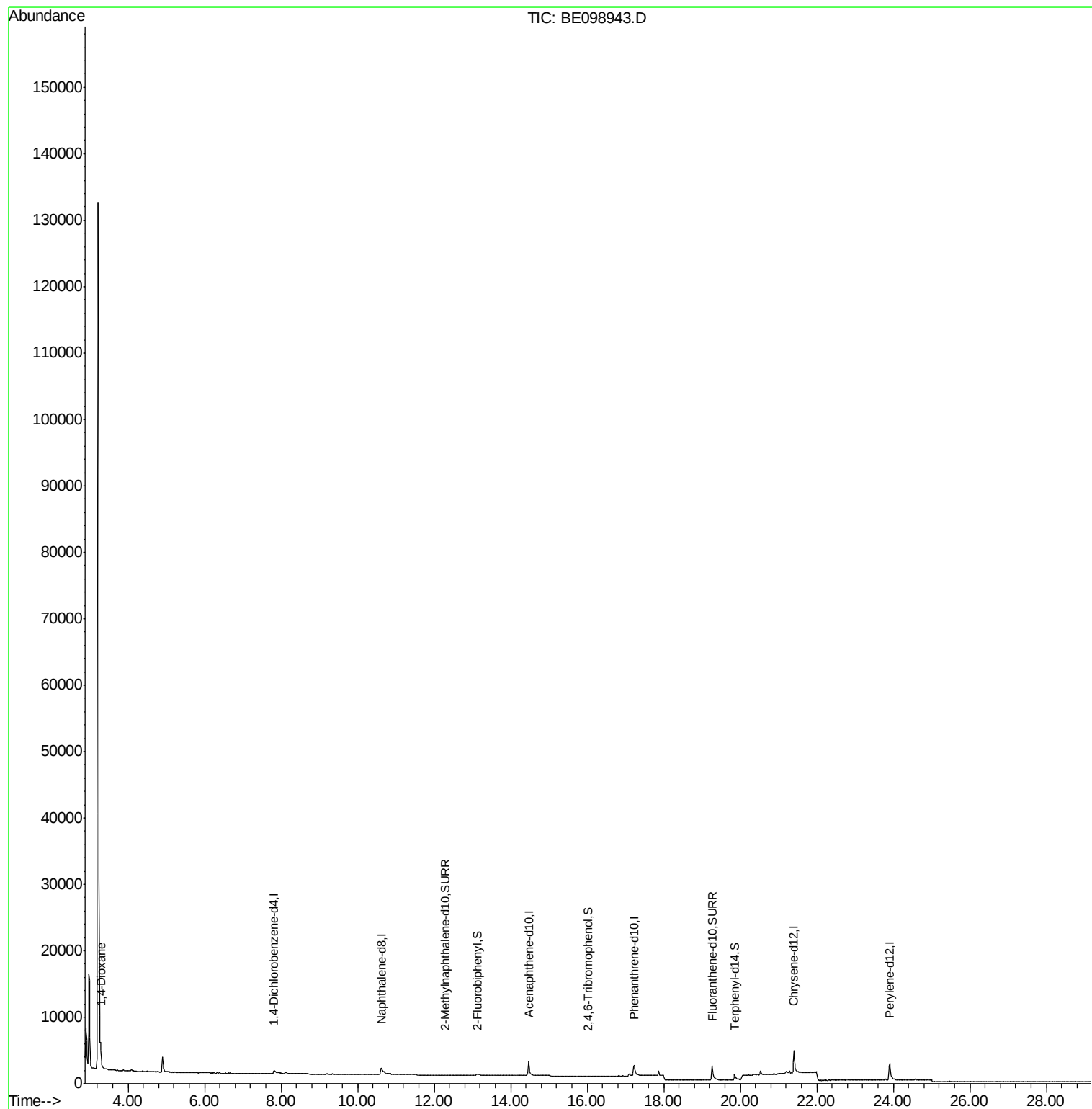
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	518	0.40	ng	0.02
7) Naphthalene-d8	10.61	136	2882	0.40	ng	0.02
13) Acenaphthene-d10	14.47	164	2225	0.40	ng	0.02
19) Phenanthrene-d10	17.23	188	5375	0.40	ng	0.01
27) Chrysene-d12	21.40	240	5850	0.40	ng	0.00
34) Perylene-d12	23.90	264	5688	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	10	0.01	ng	0.00
5) Phenol-d6	6.99	99	3	0.00	ng	0.00
8) Nitrobenzene-d5	8.98	82	9	0.00	ng	0.01
11) 2-Methylnaphthalene-d10	12.28	152	354	0.07	ng	0.09
14) 2,4,6-Tribromophenol	16.01	330	40	0.04	ng	0.04
15) 2-Fluorobiphenyl	13.13	172	667	0.07	ng	0.04
25) Fluoranthene-d10	19.26	212	5541	0.06	ng	0.02
29) Terphenyl-d14	19.85	244	1325	0.09	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.29	88	1549	1.838	ng	Qvalue 97

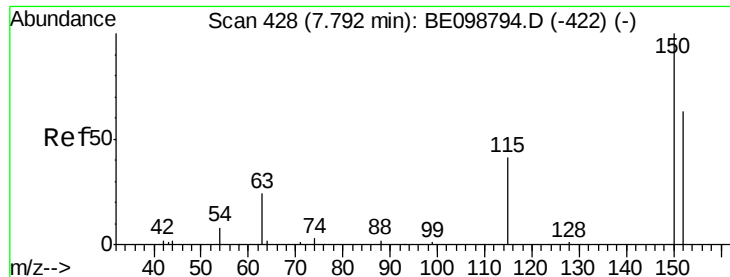
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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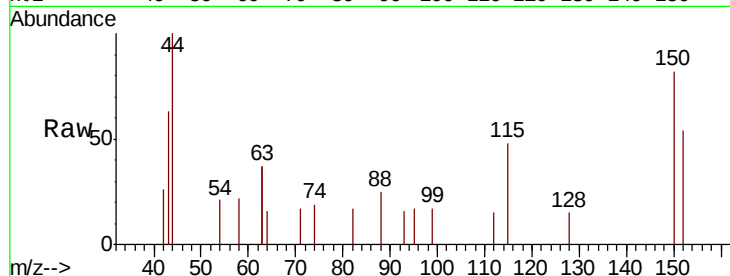


#1

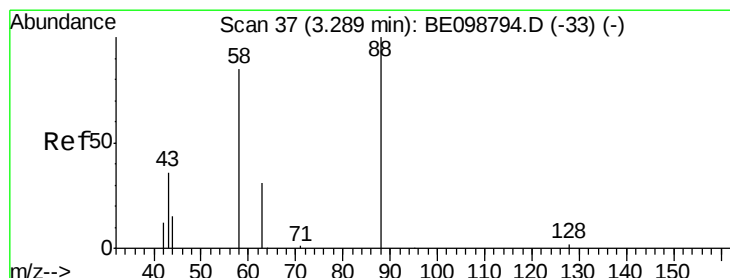
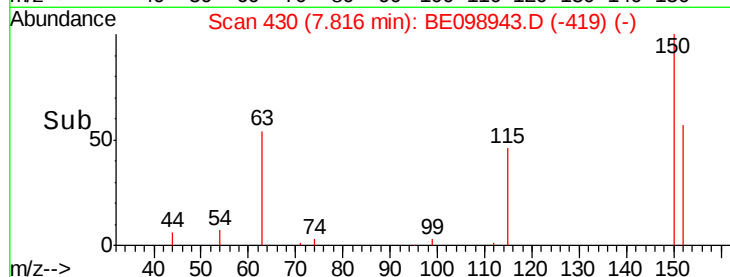
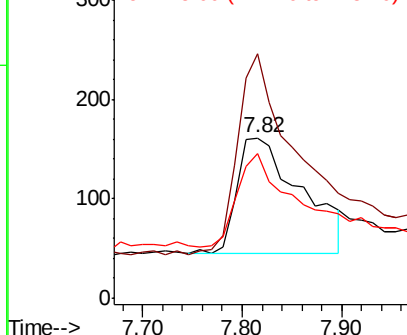
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.02 min
Lab File: BE098943.D
Acq: 14 Mar 2019 13:14

Instrument :
BNA_E
ClientSampleId :
RE105D2-20190311DL

Tot Ion:152 Resp: 518
Ion Ratio Lower Upper
152 100
150 152.8 122.5 183.7
115 90.1 57.4 86.2#



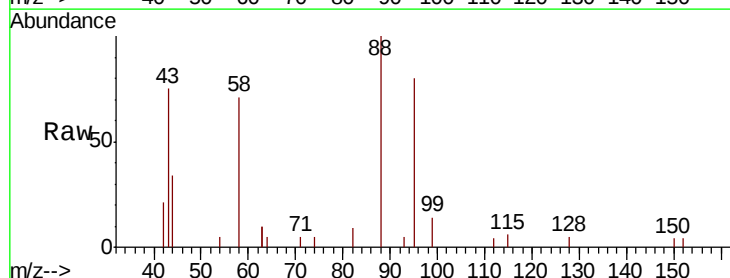
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



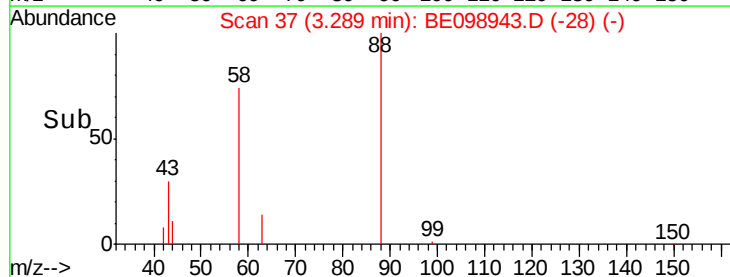
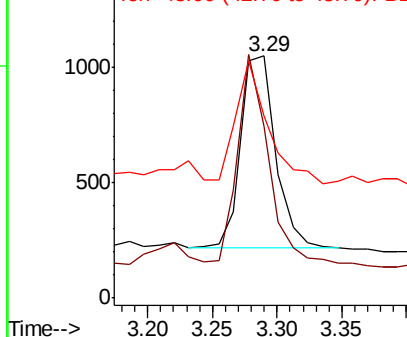
#2

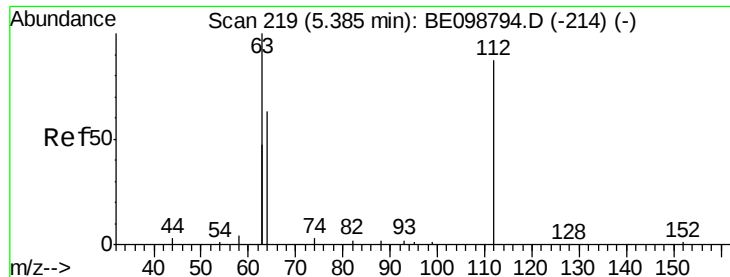
1,4-Dioxane
Concen: 1.838 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098943.D
Acq: 14 Mar 2019 13:14

Tgt Ion: 88 Resp: 1549
Ion Ratio Lower Upper
88 100
58 94.4 75.8 113.6
43 58.6 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: 0.006 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.00 min

Lab File: BE098943.D

Acq: 14 Mar 2019 13:14

Instrument :

BNA_E

ClientSampleId :

RE105D2-20190311DL

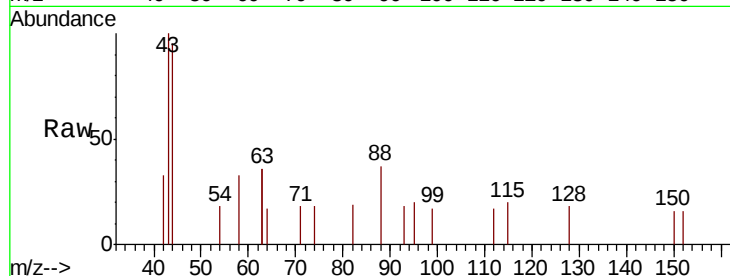
Tot Ion: 112 Resp: 10

Ion Ratio Lower Upper

112 100

64 0.0 57.9 86.9#

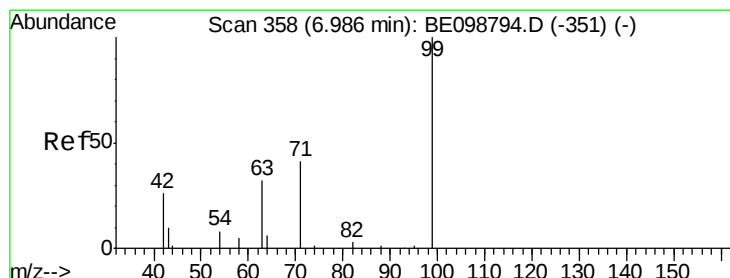
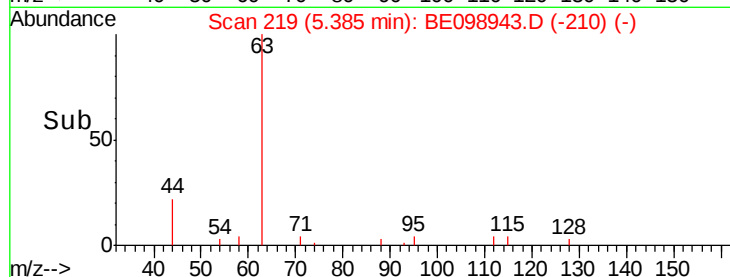
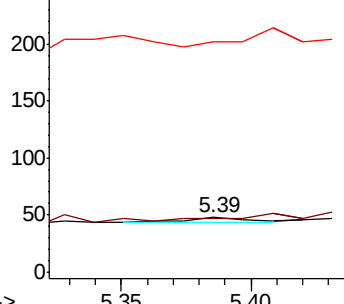
63 0.0 158.3 237.5#



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



#5

Phenol-d6

Concen: 0.001 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE098943.D

Acq: 14 Mar 2019 13:14

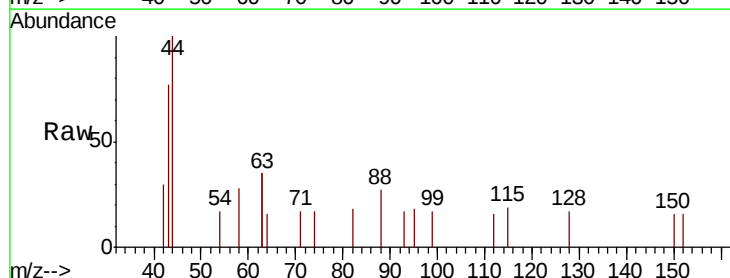
Tgt Ion: 99 Resp: 3

Ion Ratio Lower Upper

99 100

42 0.0 24.2 36.2#

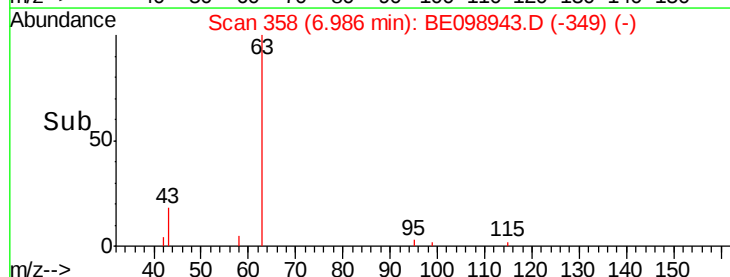
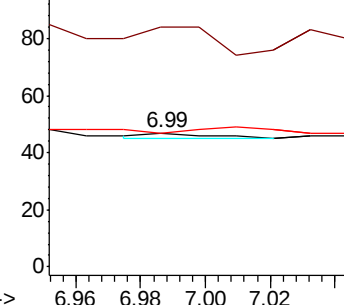
71 0.0 35.7 53.5#

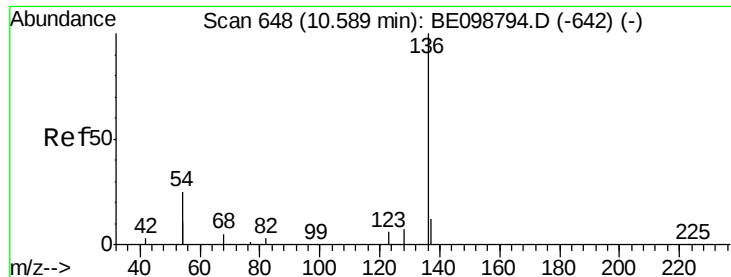


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.61 min Scan# 650

Delta R.T. 0.02 min

Lab File: BE098943.D

Acq: 14 Mar 2019 13:14

Instrument :

BNA_E

ClientSampleId :

RE105D2-20190311DL

Tot Ion:136 Resp: 2882

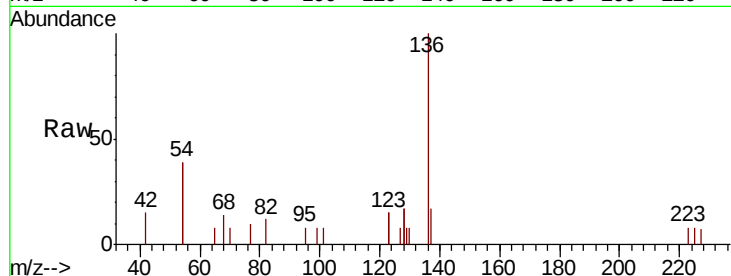
Ion Ratio Lower Upper

136 100

137 17.4 11.4 17.0#

54 77.4 39.3 58.9#

68 14.0 6.7 10.1#

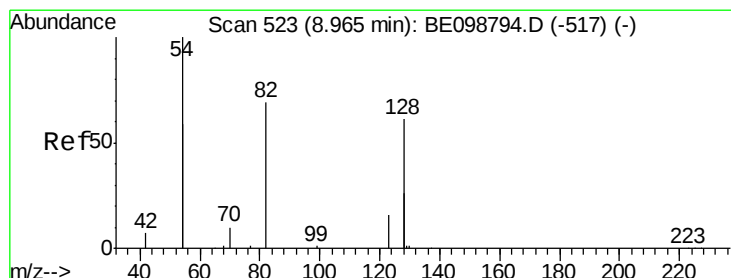
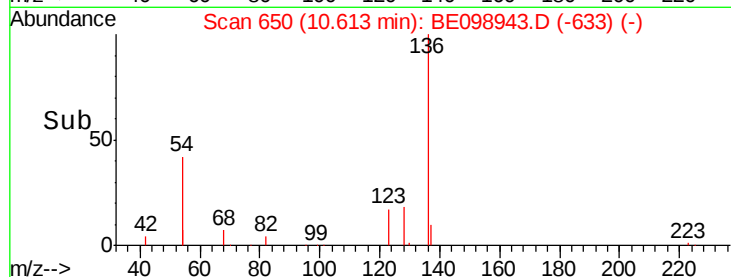
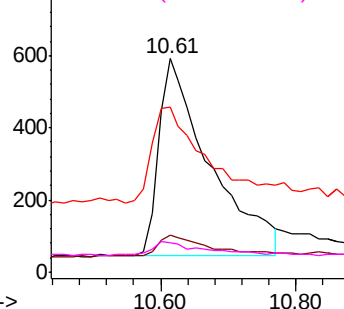


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.003 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE098943.D

Acq: 14 Mar 2019 13:14

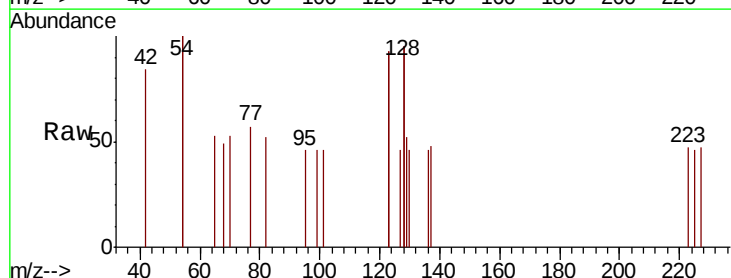
Tgt Ion: 82 Resp: 9

Ion Ratio Lower Upper

82 100

128 364.7 123.8 185.8#

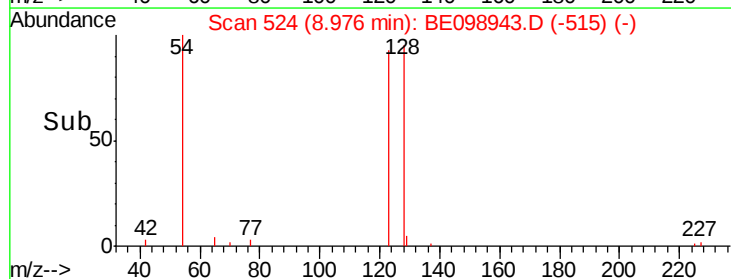
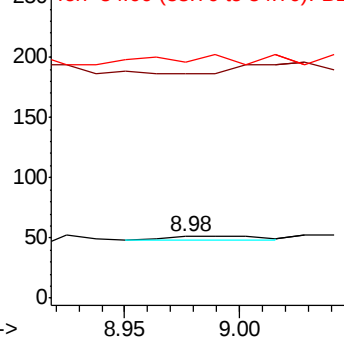
54 384.3 203.4 305.2#

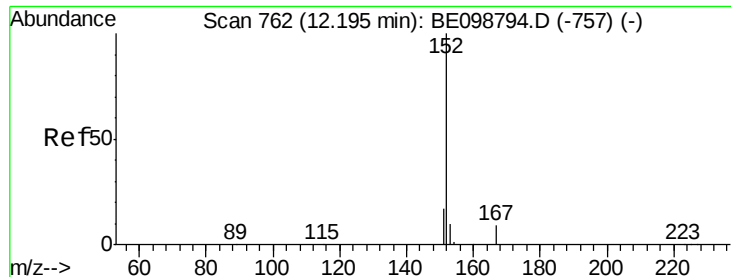


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

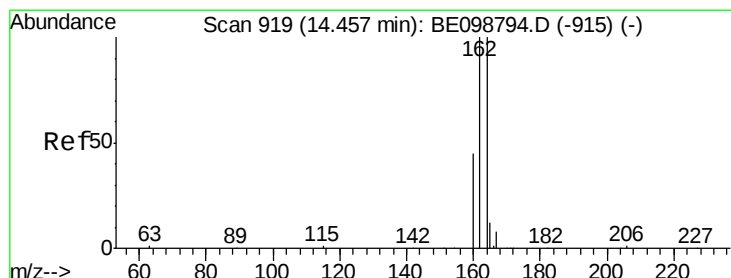
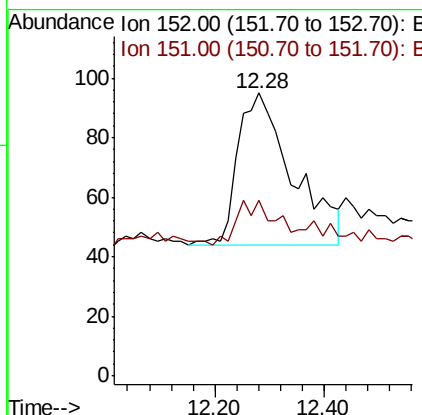
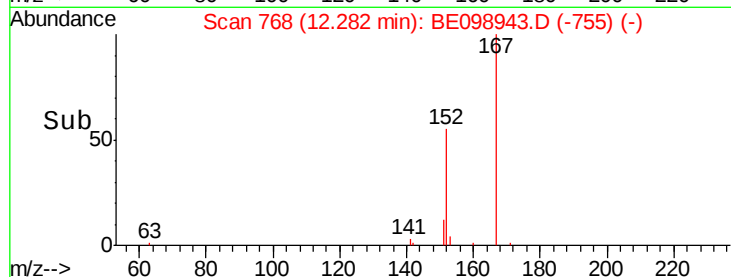
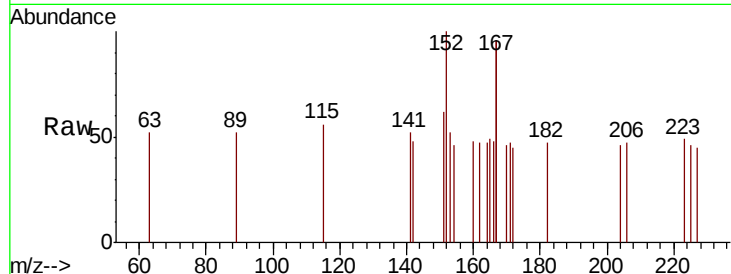




#11
 2-Methylnaphthalene-d10
 Concen: 0.066 ng
 RT: 12.28 min Scan# 768
 Delta R.T. 0.09 min
 Lab File: BE098943.D
 Acq: 14 Mar 2019 13:14

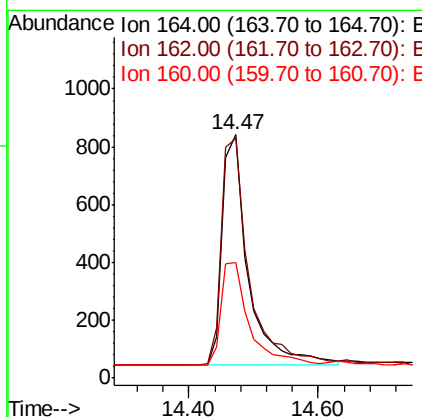
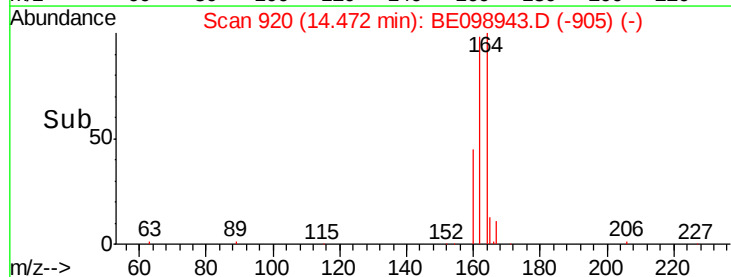
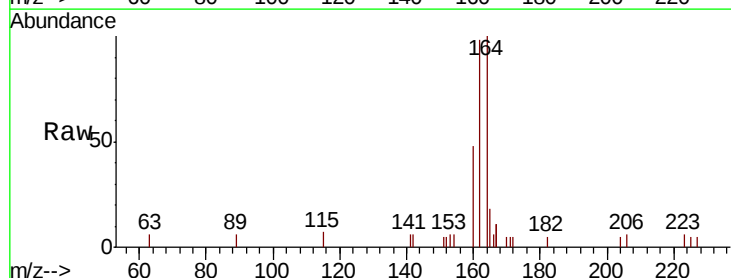
Instrument :
 BNA_E
 ClientSampleId :
 RE105D2-20190311DL

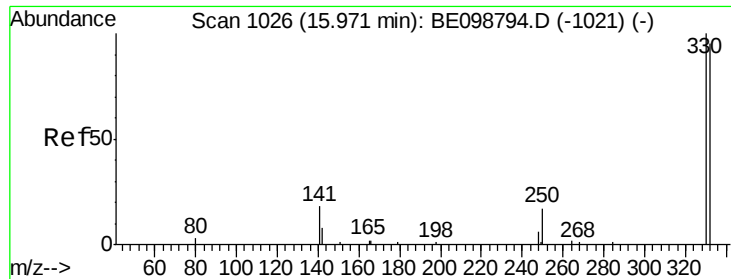
Tot Ion:152 Resp: 354
 Ion Ratio Lower Upper
 152 100
 151 0.0 16.5 24.7#



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. 0.02 min
 Lab File: BE098943.D
 Acq: 14 Mar 2019 13:14

Tgt Ion:164 Resp: 2225
 Ion Ratio Lower Upper
 164 100
 162 98.5 80.2 120.2
 160 47.7 37.8 56.8

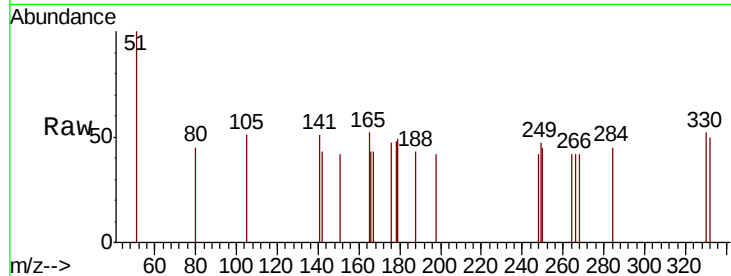




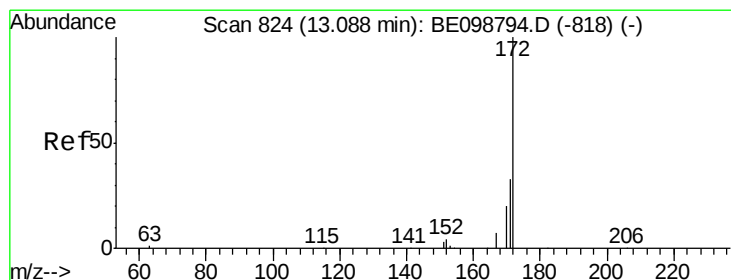
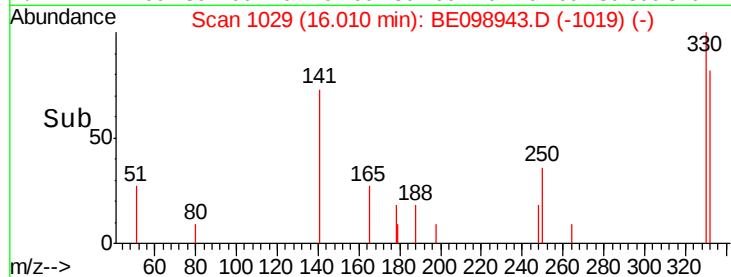
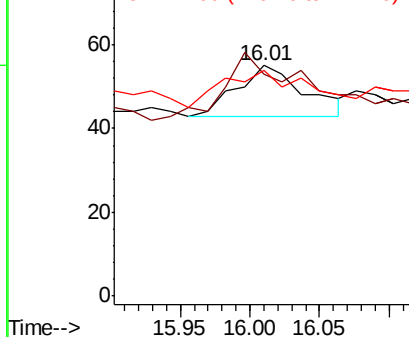
#14
 2,4,6-Tribromophenol
 Concen: 0.036 ng
 RT: 16.01 min Scan# 1029
 Delta R.T. 0.04 min
 Lab File: BE098943.D
 Acq: 14 Mar 2019 13:14

Instrument :
 BNA_E
 ClientSampleId :
 RE105D2-20190311DL

Tot Ion:330 Resp: 40
 Ion Ratio Lower Upper
 330 100
 332 207.5 77.6 116.4#
 141 95.0 31.0 46.4#

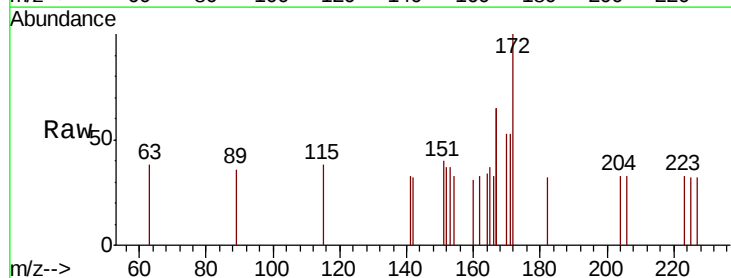


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

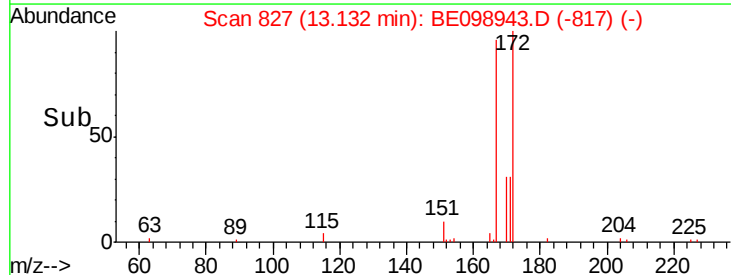
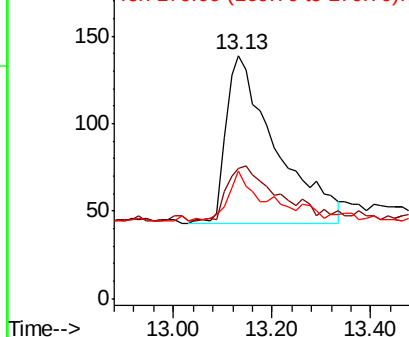


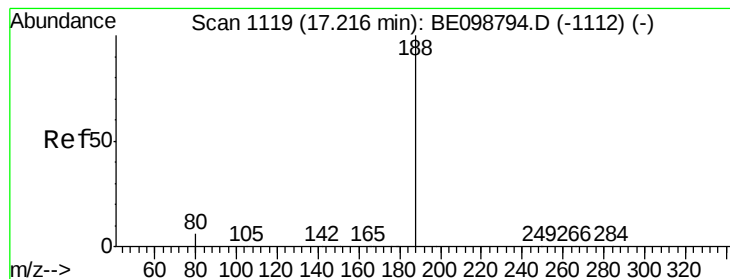
#15
 2-Fluorobiphenyl
 Concen: 0.072 ng
 RT: 13.13 min Scan# 827
 Delta R.T. 0.04 min
 Lab File: BE098943.D
 Acq: 14 Mar 2019 13:14

Tgt Ion:172 Resp: 667
 Ion Ratio Lower Upper
 172 100
 171 53.2 28.0 42.0#
 170 52.5 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: 17.23 min Scan# 1120

Delta R.T. 0.01 min

Lab File: BE098943.D

Acq: 14 Mar 2019 13:14

Instrument :

BNA_E

ClientSampleId :

RE105D2-20190311DL

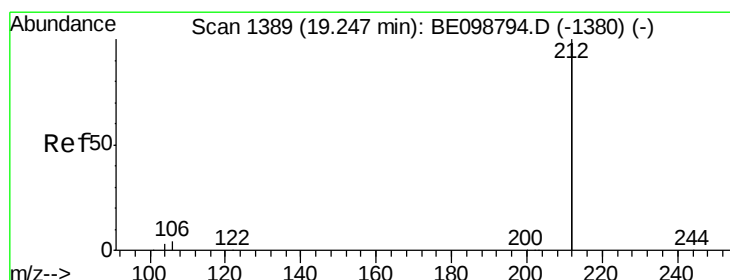
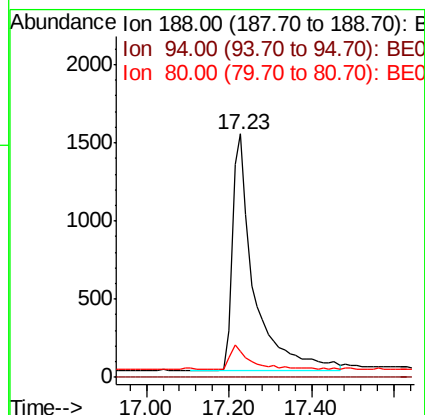
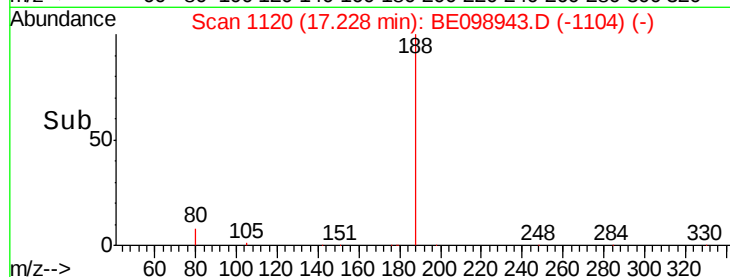
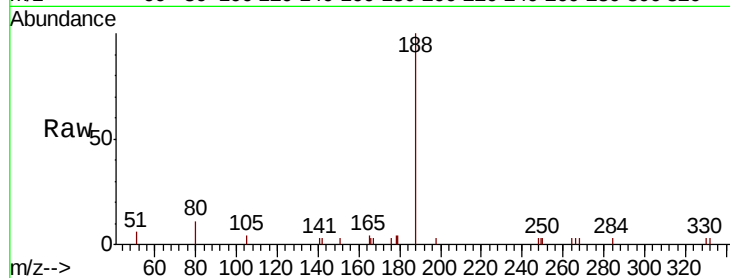
Tot Ion:188 Resp: 5375

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.7 6.3 9.5#



#25

Fluoranthene-d10

Concen: 0.065 ng

RT: 19.26 min Scan# 1392

Delta R.T. 0.02 min

Lab File: BE098943.D

Acq: 14 Mar 2019 13:14

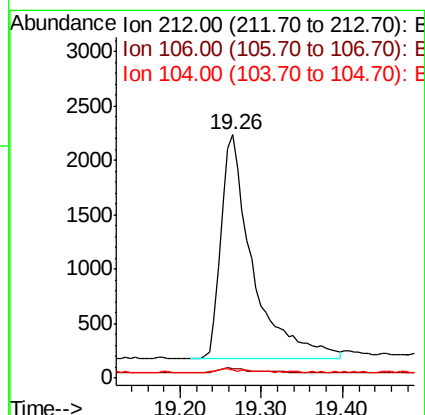
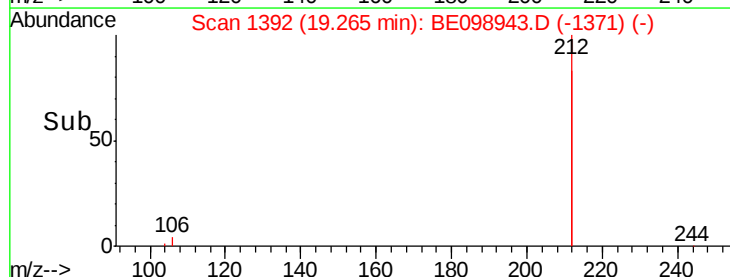
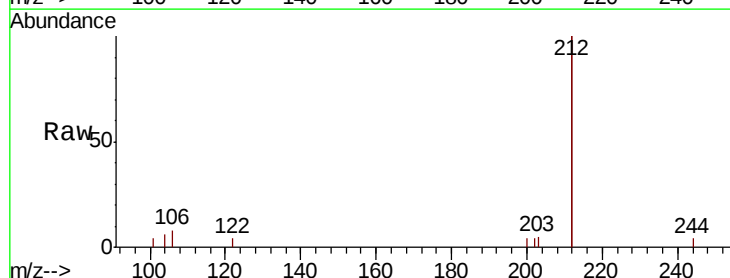
Tgt Ion:212 Resp: 5541

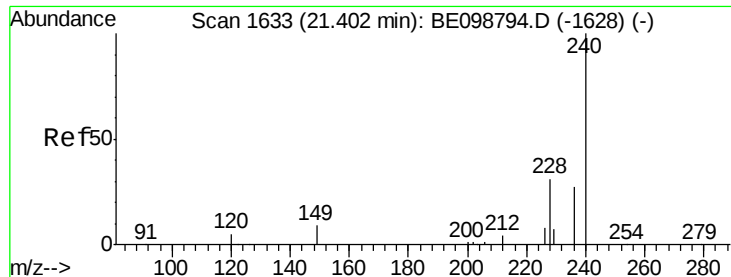
Ion Ratio Lower Upper

212 100

106 2.0 1.8 2.8

104 0.8 1.0 1.6#

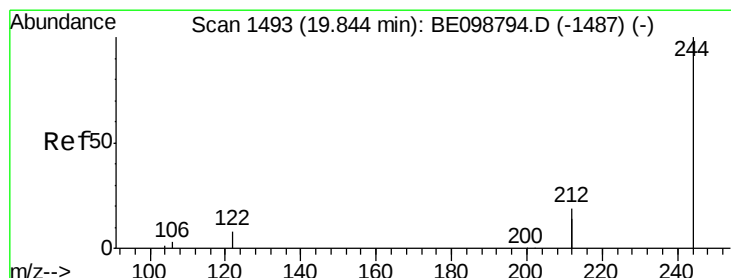
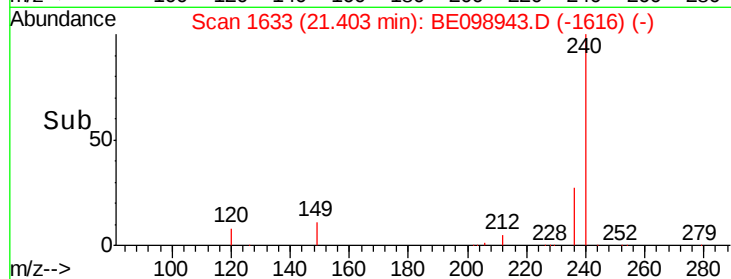
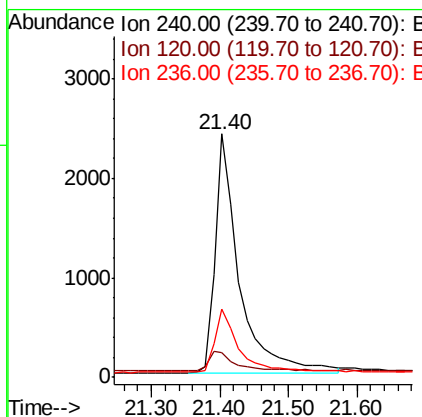
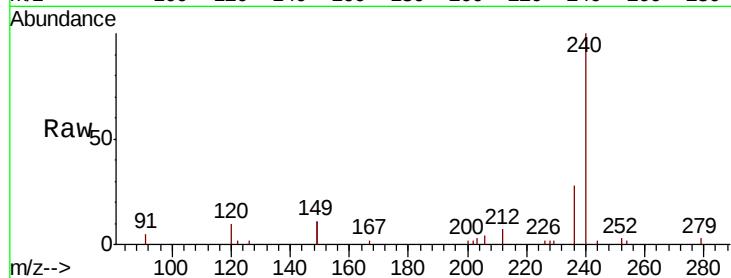




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE098943.D
Acq: 14 Mar 2019 13:14

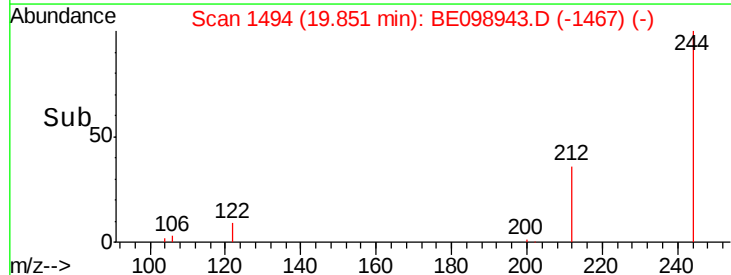
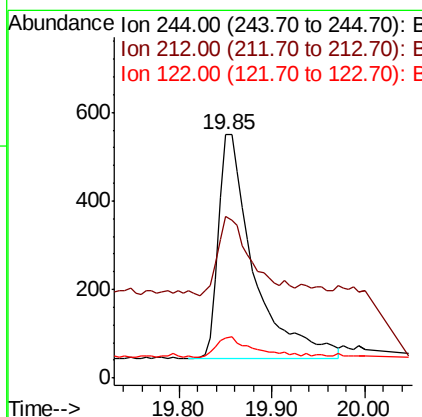
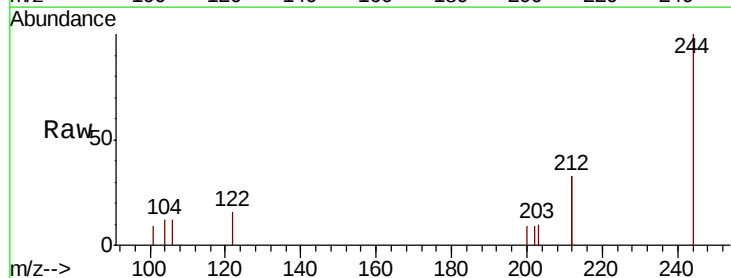
Instrument :
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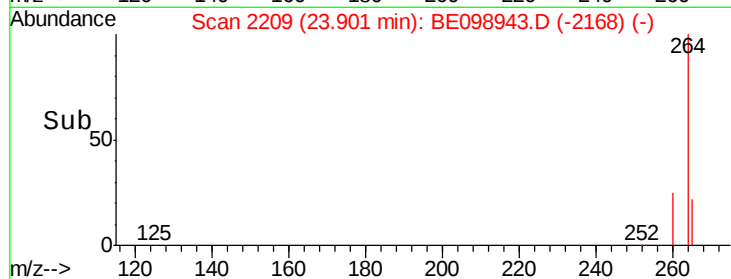
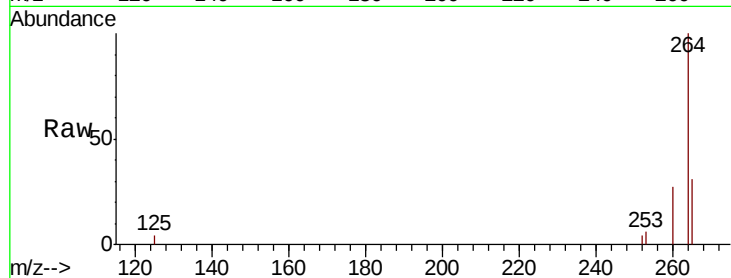
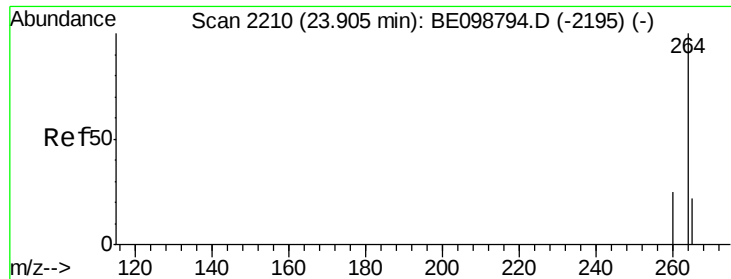
Tot Ion:240 Resp: 5850
Ion Ratio Lower Upper
240 100
120 10.3 5.0 7.4#
236 28.1 22.7 34.1



#29
Terphenyl-d14
Concen: 0.093 ng
RT: 19.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BE098943.D
Acq: 14 Mar 2019 13:14

Tgt Ion:244 Resp: 1325
Ion Ratio Lower Upper
244 100
212 66.2 29.4 44.2#
122 16.2 7.1 10.7#





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.90 min Scan# 2209

Delta R.T. -0.00 min

Lab File: BE098943.D

Acq: 14 Mar 2019 13:14

Instrument :

BNA_E

ClientSampleId :

RE105D2-20190311DL

Tot Ion:264 Resp: 5688

Ion Ratio Lower Upper

264 100

260 27.2 21.2 31.8

265 31.5 24.6 36.8

