

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031119\
 Data File : BE098862.D
 Acq On : 11 Mar 2019 14:15
 Operator : JU/SJ
 Sample : K1793-01DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 11 16:39:13 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

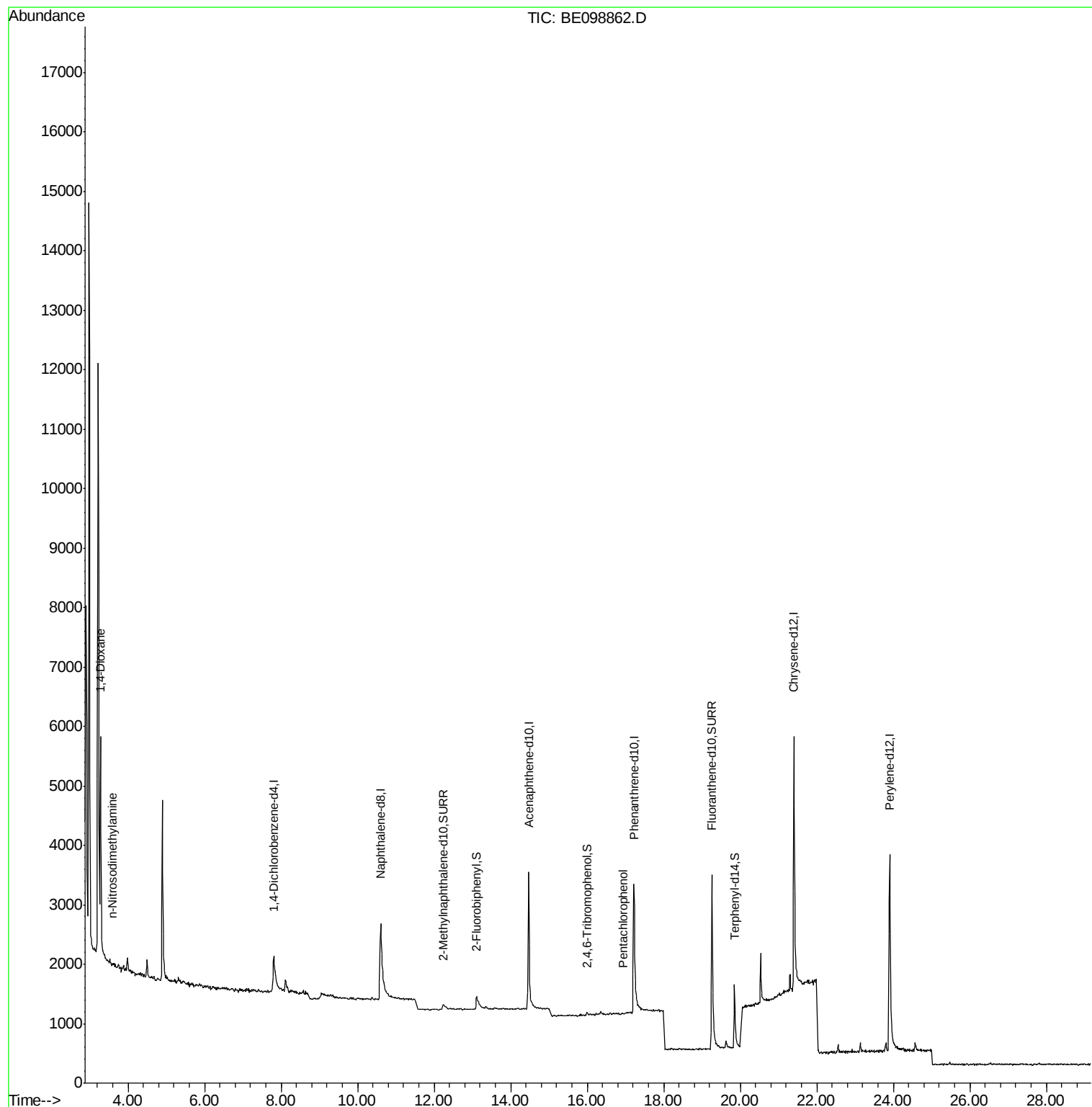
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	614	0.40	ng	0.02
7) Naphthalene-d8	10.60	136	3081	0.40	ng	0.01
13) Acenaphthene-d10	14.47	164	2223	0.40	ng	0.01
19) Phenanthrene-d10	17.21	188	5817	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6591	0.40	ng	0.00
34) Perylene-d12	23.90	264	6573	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	3	0.00	ng	-0.03
5) Phenol-d6	7.01	99	3	0.00	ng	0.03
8) Nitrobenzene-d5	8.93	82	9	0.00	ng	-0.04
11) 2-Methylnaphthalene-d10	12.24	152	419	0.07	ng	0.04
14) 2,4,6-Tribromophenol	16.00	330	47	0.04	ng	0.03
15) 2-Fluorobiphenyl	13.12	172	690	0.07	ng	0.03
25) Fluoranthene-d10	19.26	212	6514	0.07	ng	0.01
29) Terphenyl-d14	19.85	244	1549	0.10	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	2091	2.108	ng	Qvalue 95
3) n-Nitrosodimethylamine	3.59	42	41	0.027	ng	# 14
22) Pentachlorophenol	16.93	266	7	0.270	ng	87

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

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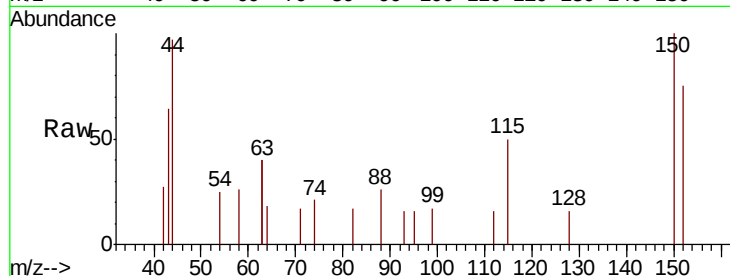


#1

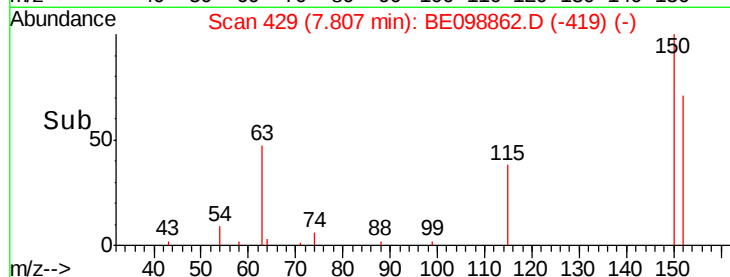
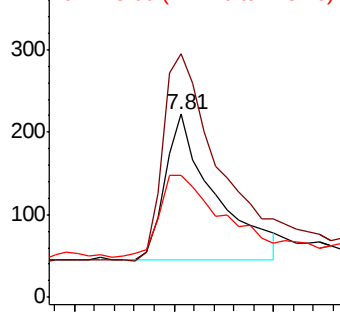
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. 0.02 min
Lab File: BE098862.D
Acq: 11 Mar 2019 14:15

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 614
Ion Ratio Lower Upper
152 100
150 132.9 122.5 183.7
115 66.7 57.4 86.2



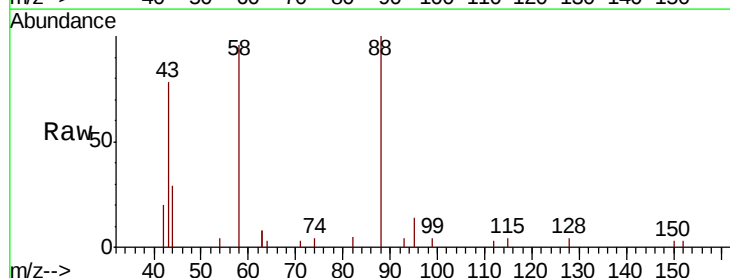
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



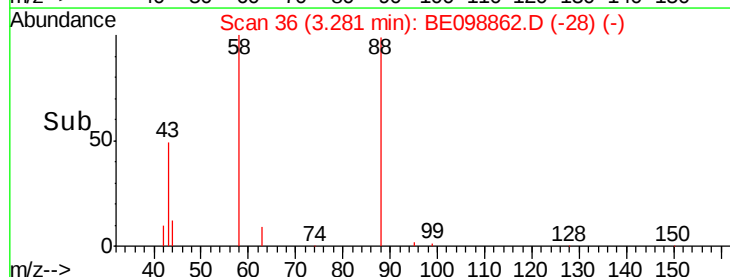
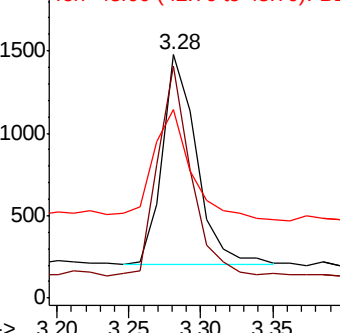
#2

1,4-Dioxane
Concen: 2.108 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098862.D
Acq: 11 Mar 2019 14:15

Tgt Ion: 88 Resp: 2091
Ion Ratio Lower Upper
88 100
58 96.3 75.8 113.6
43 60.0 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



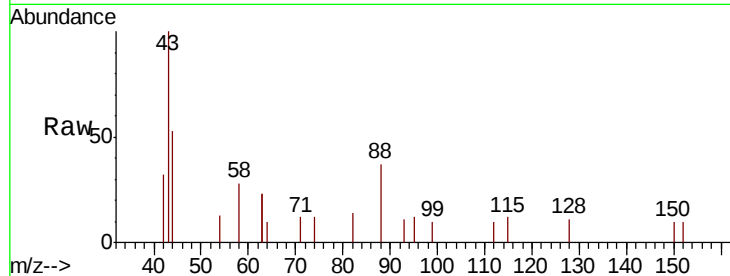


#3

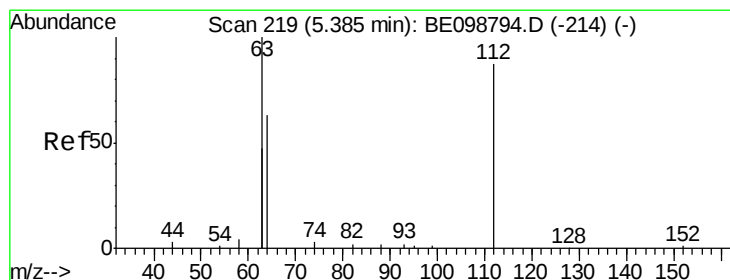
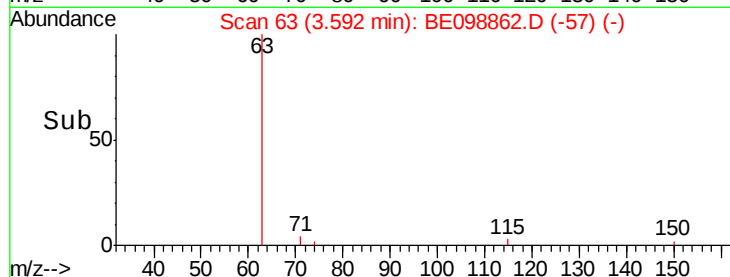
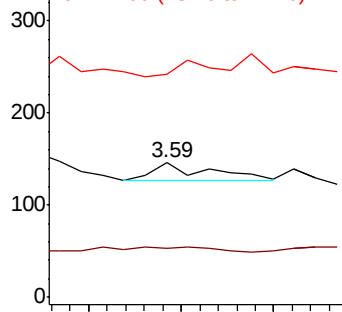
n-Nitrosodimethylamine
 Concen: 0.027 ng
 RT: 3.59 min Scan# 63
 Delta R.T. -0.03 min
 Lab File: BE098862.D
 Acq: 11 Mar 2019 14:15

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
42	100		
74	0.0	57.0	85.4#
44	0.0	0.0	0.0



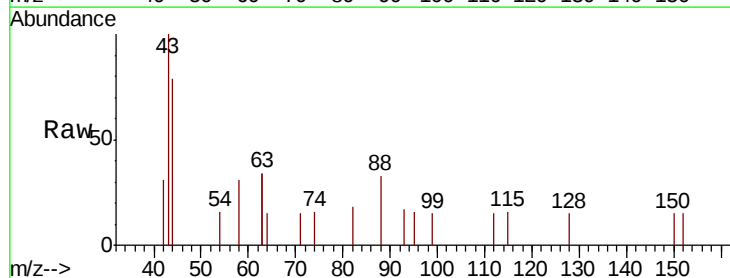
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



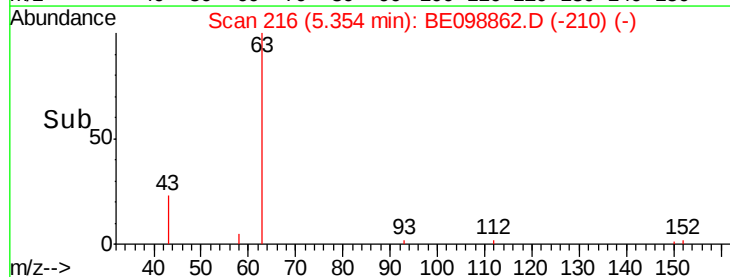
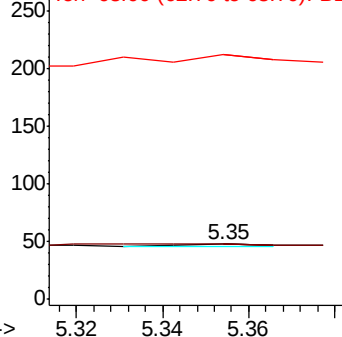
#4

2-Fluorophenol
 Concen: 0.002 ng
 RT: 5.35 min Scan# 216
 Delta R.T. -0.03 min
 Lab File: BE098862.D
 Acq: 11 Mar 2019 14:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	0.0	57.9	86.9#
63	766.7	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: 0.001 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.03 min

Lab File: BE098862.D

Acq: 11 Mar 2019 14:15

Instrument :

BNA_M

ClientSampled :

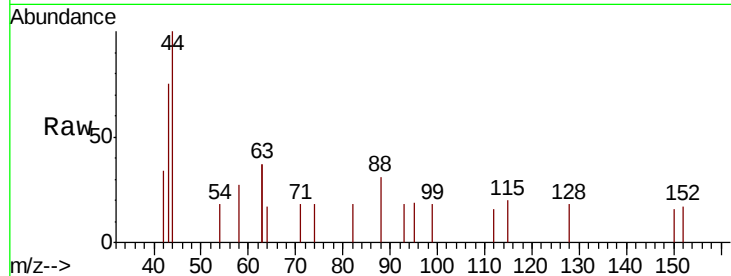
Tot Ion: 99 Resp: 3

Ion Ratio Lower Upper

99 100

42 833.3 24.2 36.2#

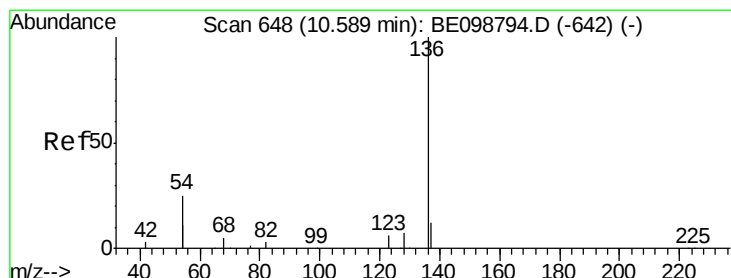
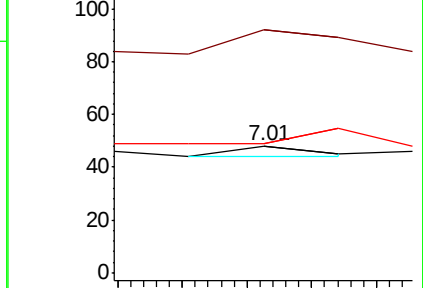
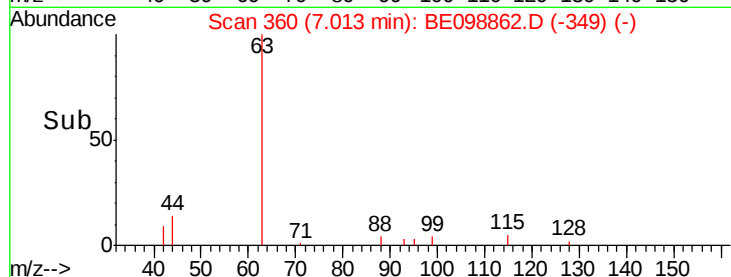
71 400.0 35.7 53.5#



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: BE098862.D

Acq: 11 Mar 2019 14:15

Tgt Ion: 136 Resp: 3081

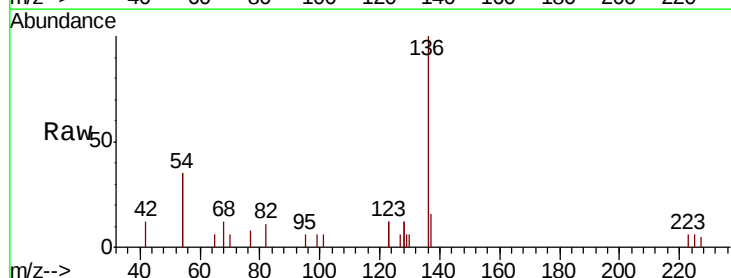
Ion Ratio Lower Upper

136 100

137 15.8 11.4 17.0

54 70.7 39.3 58.9#

68 12.3 6.7 10.1#

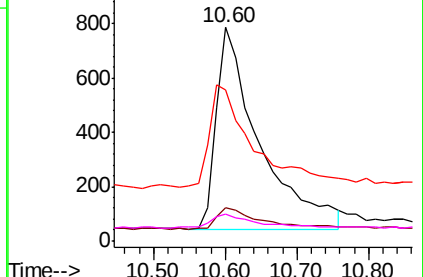
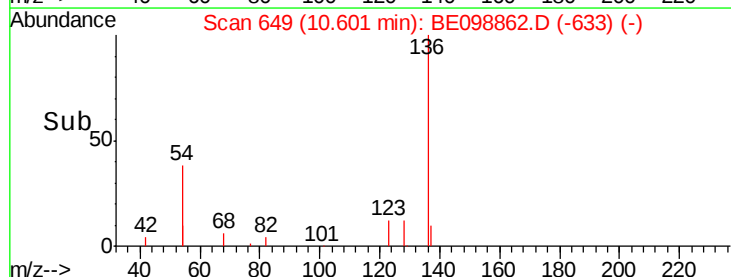


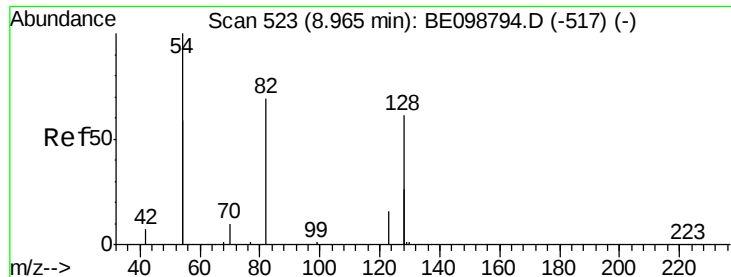
Abundance Ion 136.00 (135.70 to 136.70): E

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: 8.93 min Scan# 520

Delta R.T. -0.04 min

Lab File: BE098862.D

Acq: 11 Mar 2019 14:15

Instrument :

BNA_M

ClientSampled :

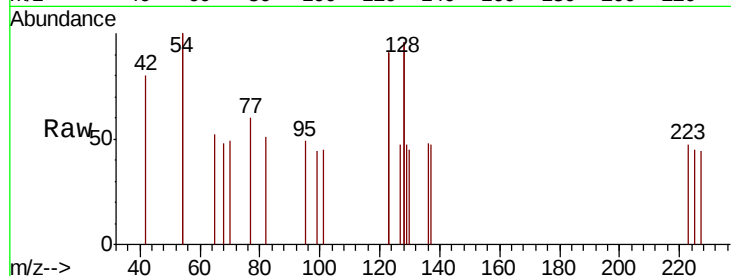
Tot Ion: 82 Resp: 9

Ion Ratio Lower Upper

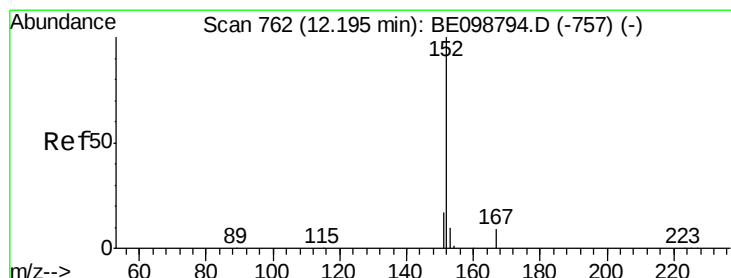
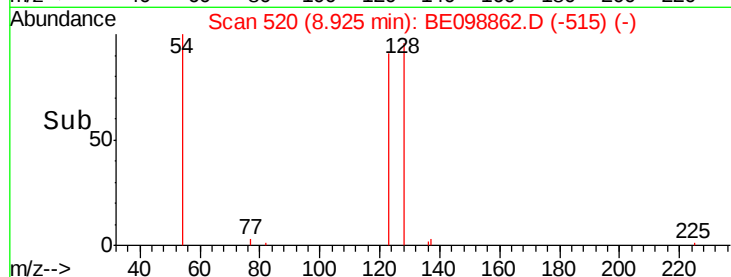
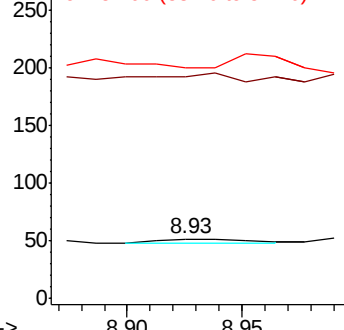
82 100

128 376.5 123.8 185.8#

54 392.2 203.4 305.2#



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: 0.074 ng

RT: 12.24 min Scan# 765

Delta R.T. 0.04 min

Lab File: BE098862.D

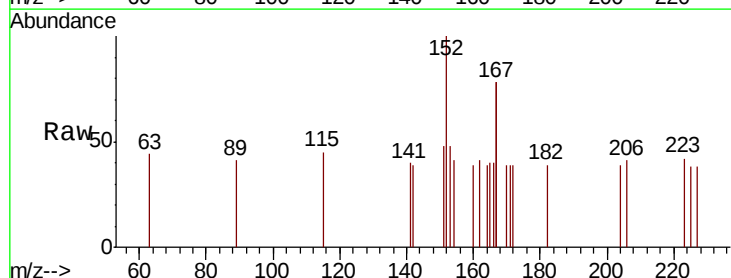
Acq: 11 Mar 2019 14:15

Tgt Ion: 152 Resp: 419

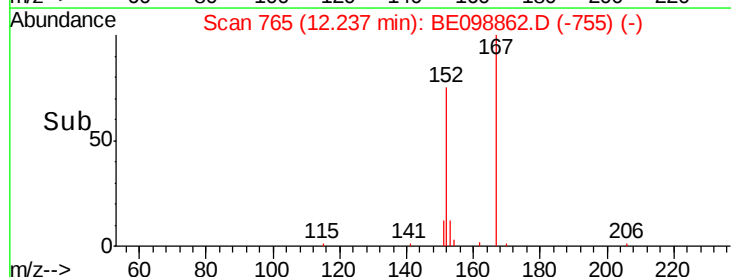
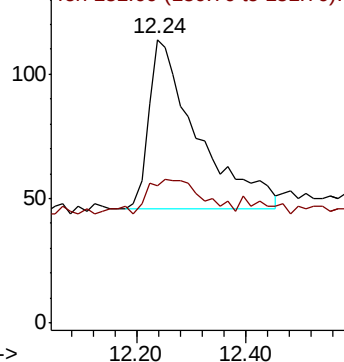
Ion Ratio Lower Upper

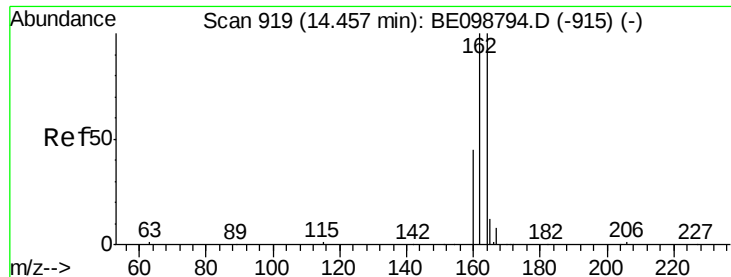
152 100

151 20.0 16.5 24.7



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

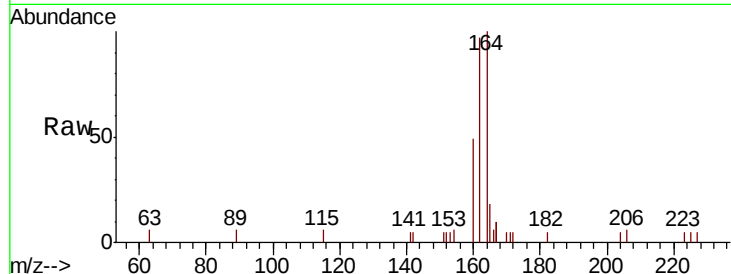




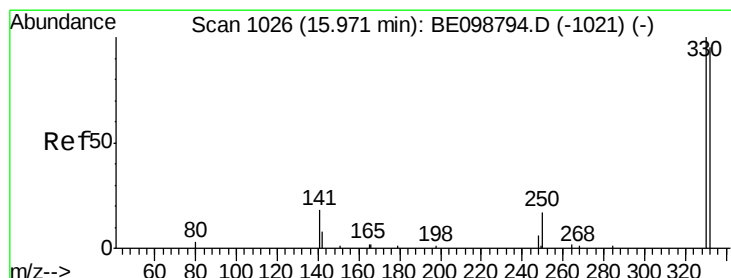
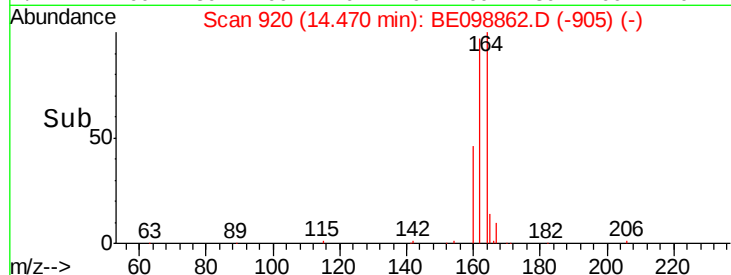
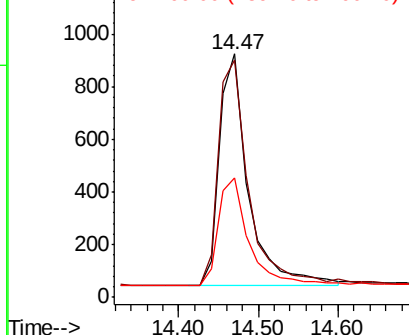
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.01 min
Lab File: BE098862.D
Acq: 11 Mar 2019 14:15

Instrument :
BNA_M
ClientSampleId :

Tot Ion:164 Resp: 2223
Ion Ratio Lower Upper
164 100
162 97.4 80.2 120.2
160 49.1 37.8 56.8

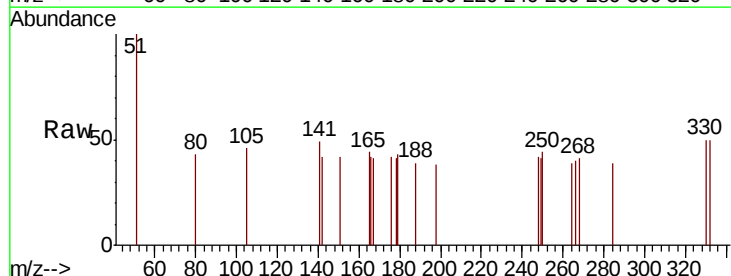


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

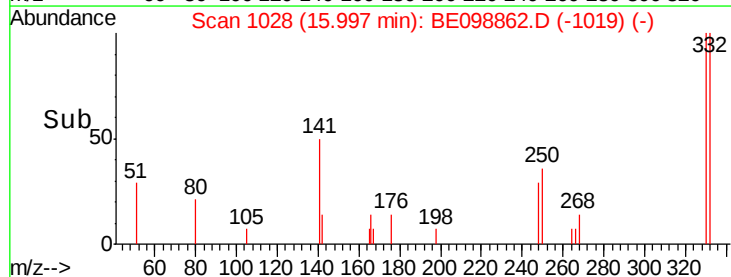
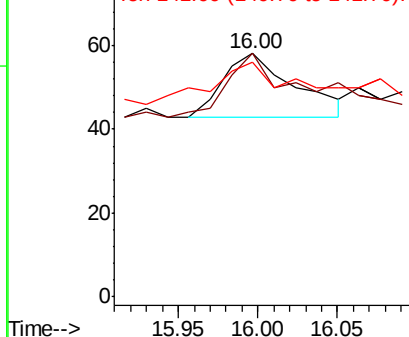


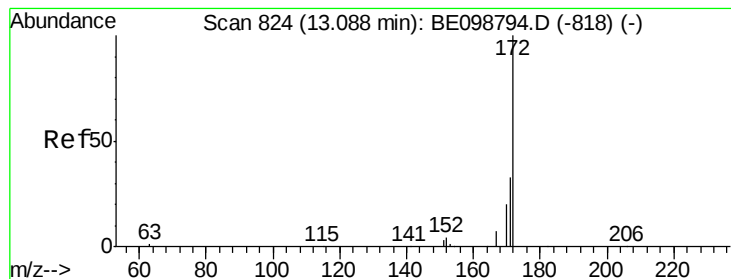
#14
2,4,6-Tribromophenol
Concen: 0.042 ng
RT: 16.00 min Scan# 1028
Delta R.T. 0.03 min
Lab File: BE098862.D
Acq: 11 Mar 2019 14:15

Tgt Ion:330 Resp: 47
Ion Ratio Lower Upper
330 100
332 134.0 77.6 116.4#
141 76.6 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

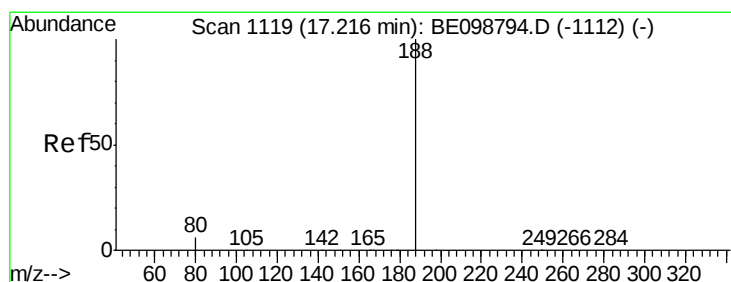
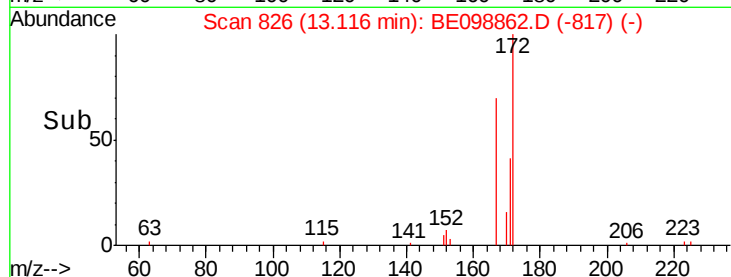
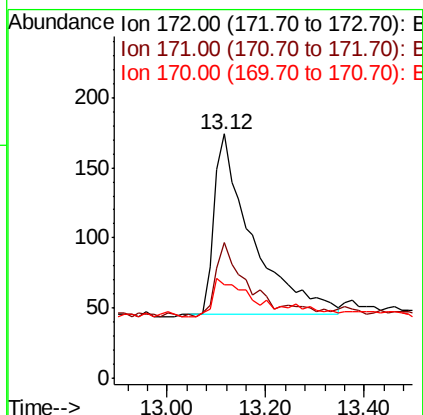
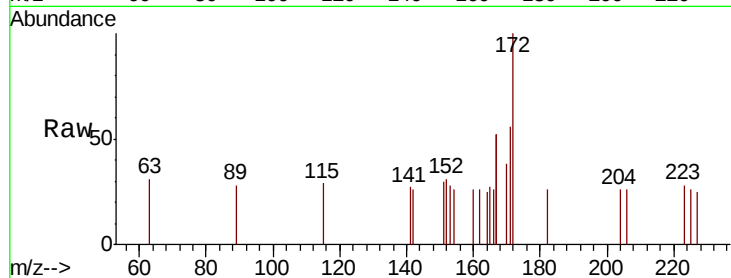




#15
2-Fluorobiphenyl
Concen: 0.075 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.03 min
Lab File: BE098862.D
Acq: 11 Mar 2019 14:15

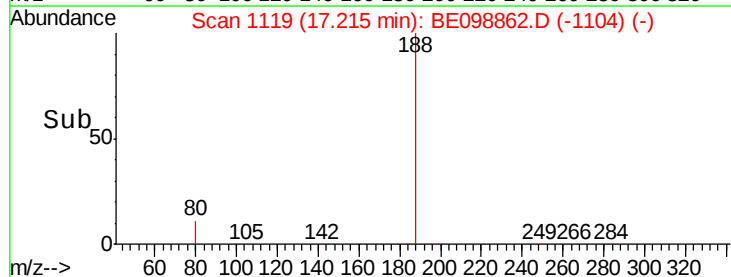
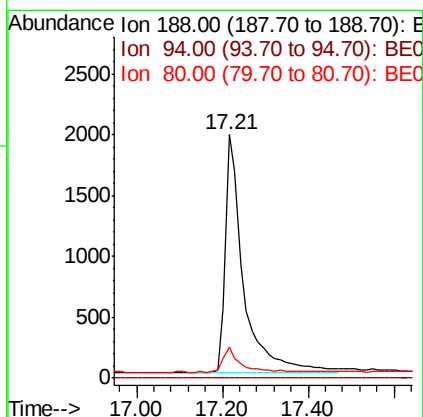
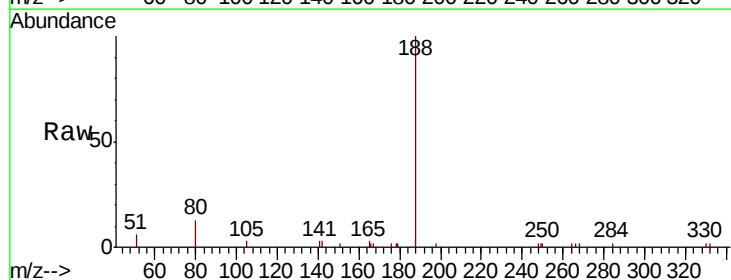
Instrument :
BNA_M
ClientSampleId :

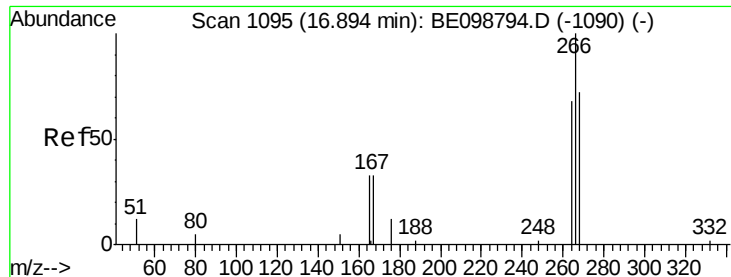
Tot Ion:172 Resp: 690
Ion Ratio Lower Upper
172 100
171 55.7 28.0 42.0#
170 37.9 17.7 26.5#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE098862.D
Acq: 11 Mar 2019 14:15

Tgt Ion:188 Resp: 5817
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.7 6.3 9.5#

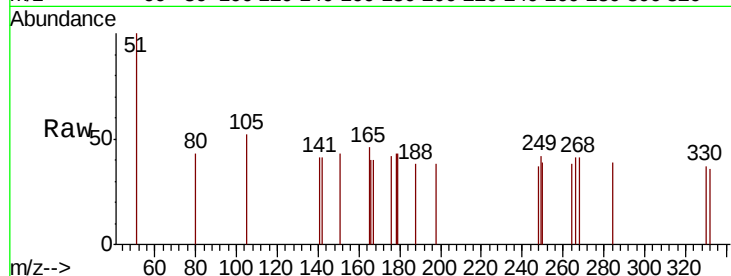




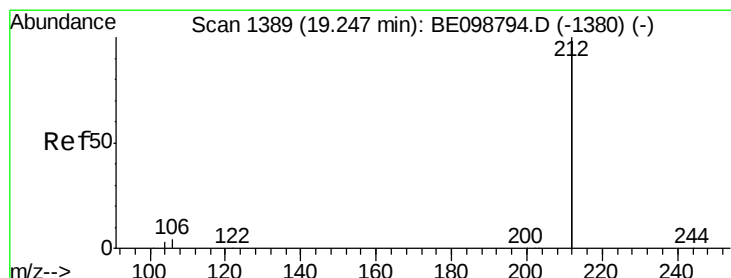
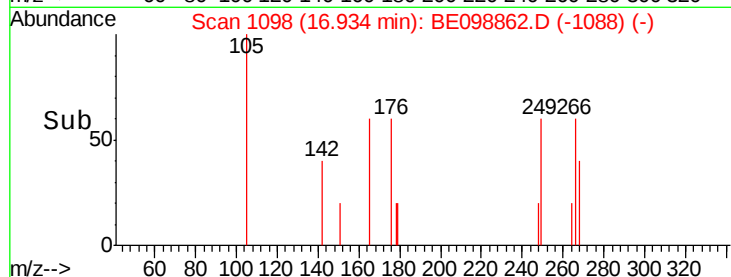
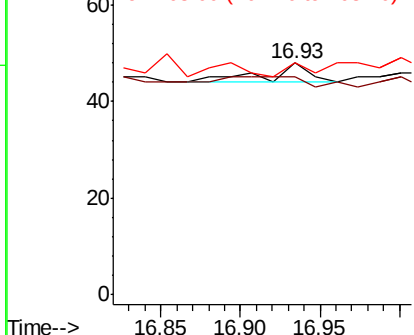
#22
 Pentachlorophenol
 Concen: 0.270 ng
 RT: 16.93 min Scan# 1098
 Delta R.T. 0.04 min
 Lab File: BE098862.D
 Acq: 11 Mar 2019 14:15

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:266 Resp: 7
 Ion Ratio Lower Upper
 266 100
 264 93.8 66.6 100.0
 268 100.0 69.8 104.8

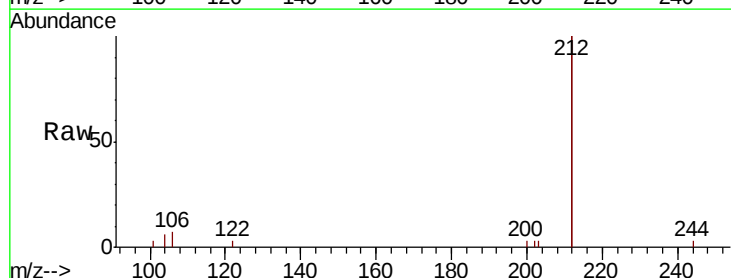


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

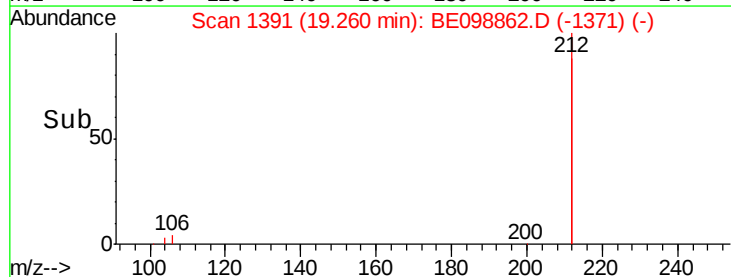
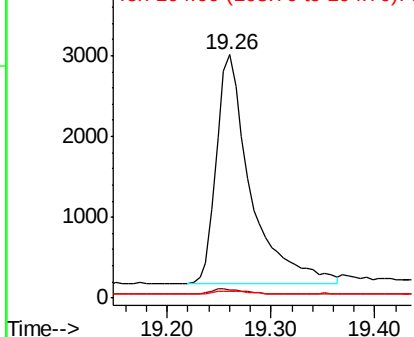


#25
 Fluoranthene-d10
 Concen: 0.070 ng
 RT: 19.26 min Scan# 1391
 Delta R.T. 0.01 min
 Lab File: BE098862.D
 Acq: 11 Mar 2019 14:15

Tgt Ion:212 Resp: 6514
 Ion Ratio Lower Upper
 212 100
 106 2.4 1.8 2.8
 104 1.4 1.0 1.6



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: 21.40 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BE098862.D

Acq: 11 Mar 2019 14:15

Instrument :

BNA_M

ClientSampleId :

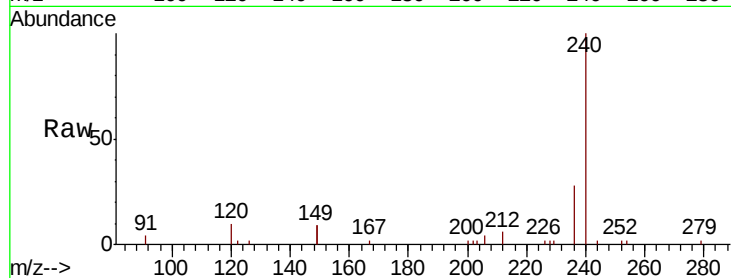
Tot Ion:240 Resp: 6591

Ion Ratio Lower Upper

240 100

120 10.0 5.0 7.4#

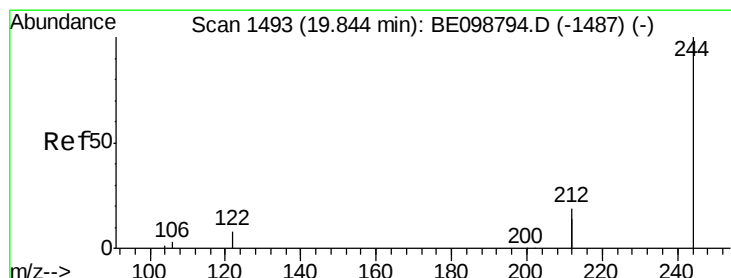
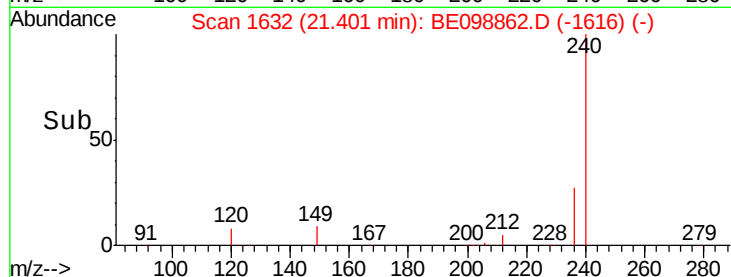
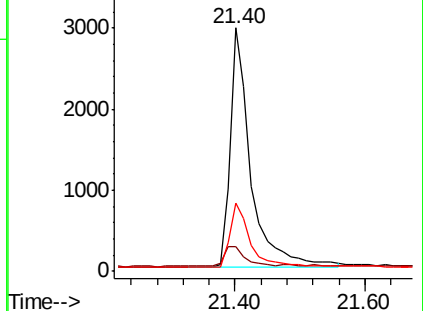
236 28.2 22.7 34.1



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: 0.097 ng

RT: 19.85 min Scan# 1494

Delta R.T. 0.01 min

Lab File: BE098862.D

Acq: 11 Mar 2019 14:15

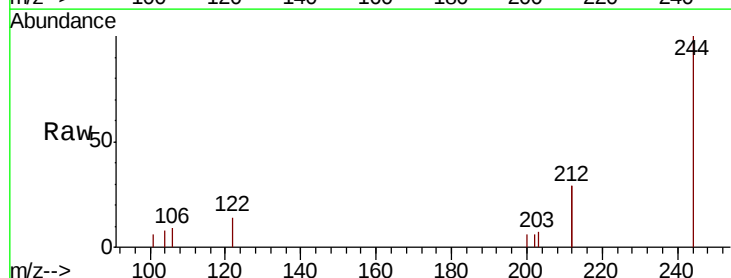
Tgt Ion:244 Resp: 1549

Ion Ratio Lower Upper

244 100

212 58.0 29.4 44.2#

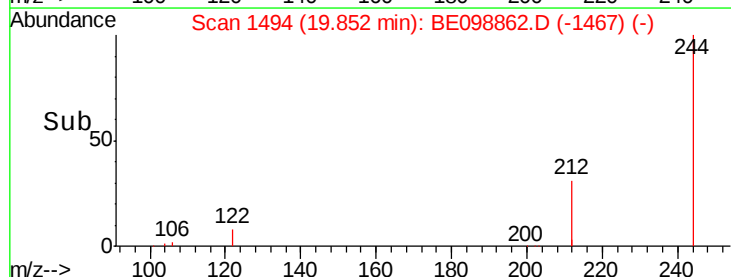
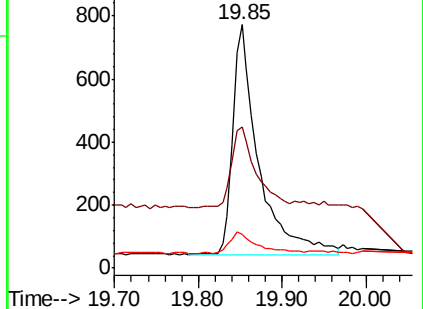
122 14.0 7.1 10.7#

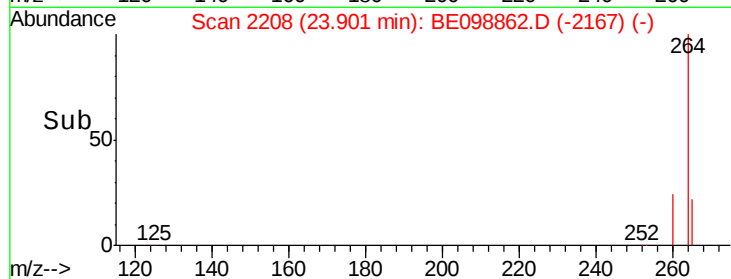
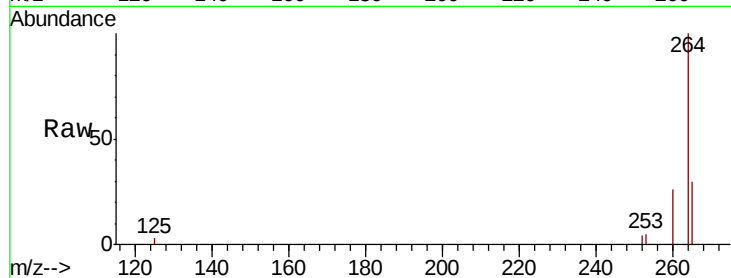


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.90 min Scan# 2208
 Delta R.T. -0.00 min
 Lab File: BE098862.D
 Acq: 11 Mar 2019 14:15

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:264 Resp: 6573
 Ion Ratio Lower Upper
 264 100
 260 25.8 21.2 31.8
 265 29.7 24.6 36.8

