

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031519\
 Data File : BE098978.D
 Acq On : 15 Mar 2019 19:12
 Operator : JU/SJ
 Sample : K1912-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 M3-T1-OZ(POST)

Quant Time: Mar 16 00:52:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 15 05:31:33 2019
 Response via : Initial Calibration

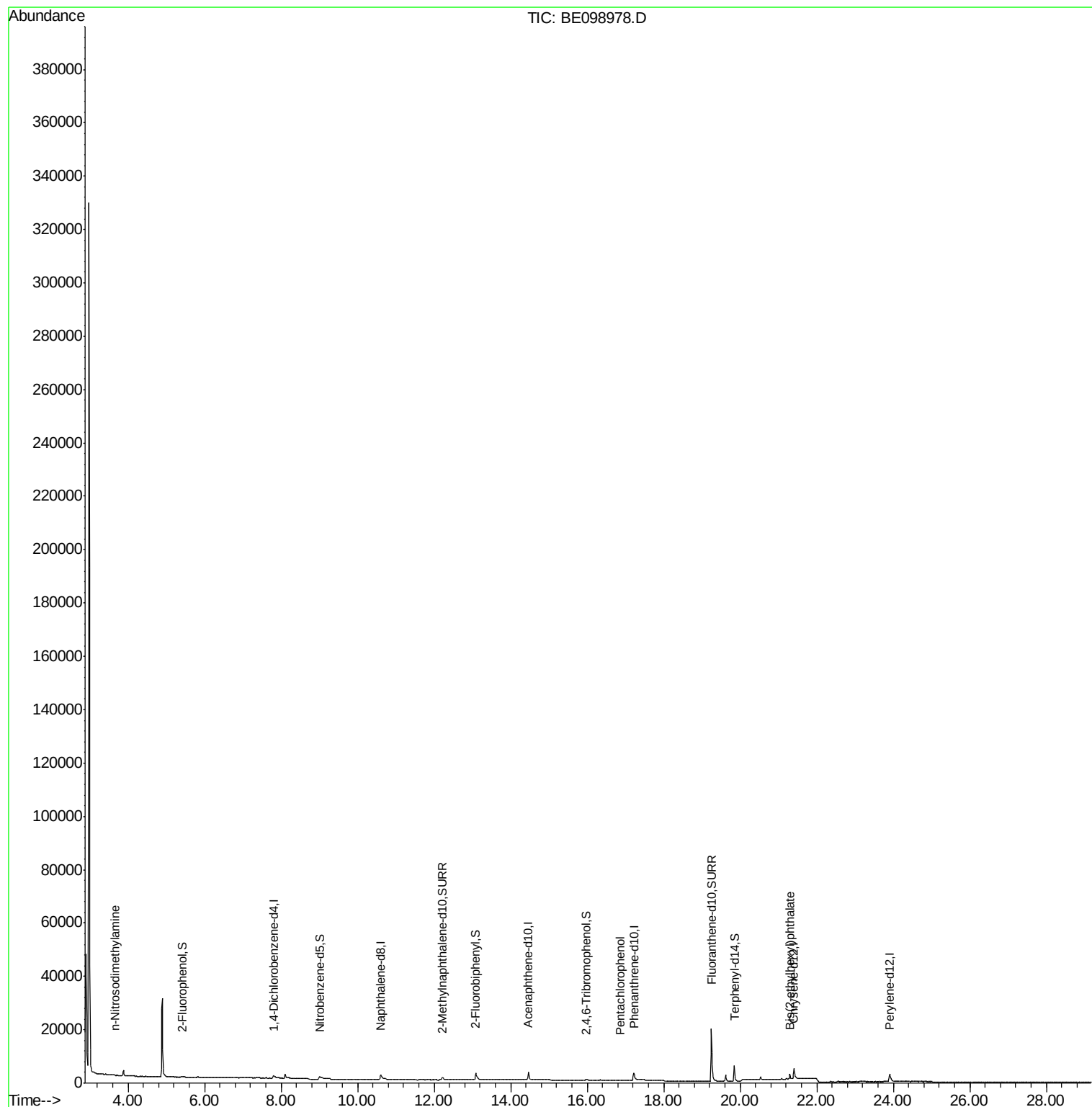
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	843	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3567	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2563	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5754	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6748	0.40	ng	0.00
34) Perylene-d12	23.91	264	6286	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.42	112	371	0.15	ng	0.04
5) Phenol-d6	6.94	99	10	0.00	ng	-0.04
8) Nitrobenzene-d5	9.02	82	1339	0.36	ng	0.05
11) 2-Methylnaphthalene-d10	12.21	152	2795	0.42	ng	0.01
14) 2,4,6-Tribromophenol	15.98	330	404	0.31	ng	0.01
15) 2-Fluorobiphenyl	13.09	172	4649	0.44	ng	0.00
25) Fluoranthene-d10	19.25	212	36775	0.40	ng	0.00
29) Terphenyl-d14	19.84	244	7383	0.45	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.33	88	9	Below Cal	#	11
3) n-Nitrosodimethylamine	3.66	42	56	0.026 ng	#	14
22) Pentachlorophenol	16.87	266	1	0.265 ng		86
32) Bis(2-ethylhexyl)phthalate	21.29	149	2484	0.055 ng	#	96

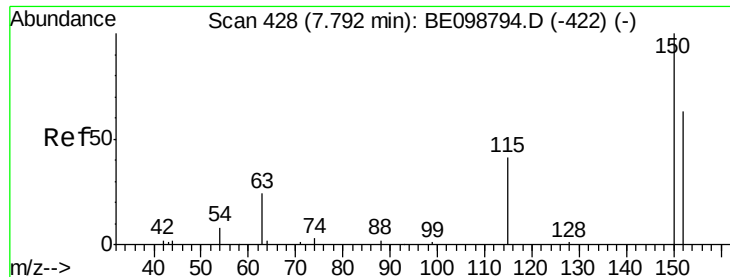
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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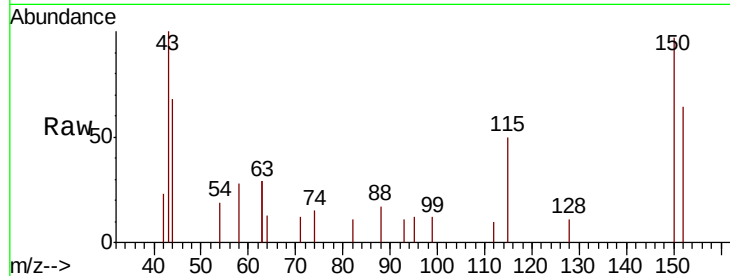


#1

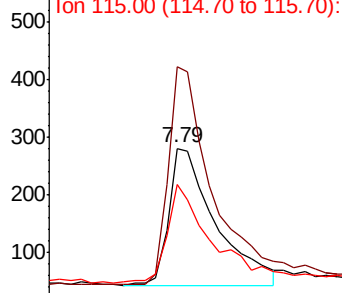
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.79 min Scan# 428
 Delta R.T. 0.00 min
 Lab File: BE098978.D
 Acq: 15 Mar 2019 19:12

Instrument :
 BNA_E
 ClientSampleId :
 M3-T1-OZ(POST)

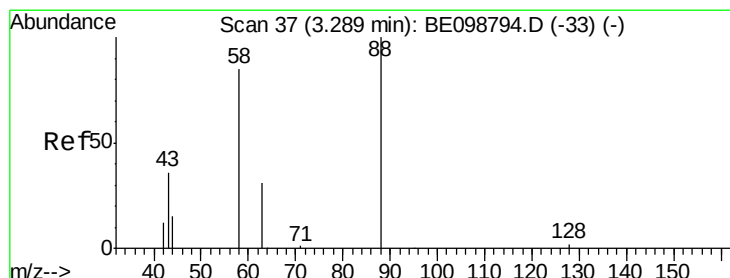
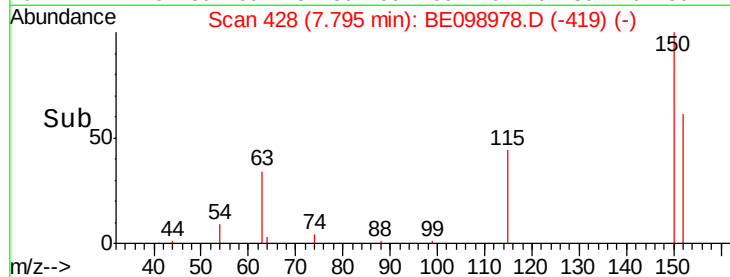
Tgt Ion: 152 Resp: 843
 Ion Ratio Lower Upper
 152 100
 150 150.5 122.5 183.7
 115 77.9 57.4 86.2



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



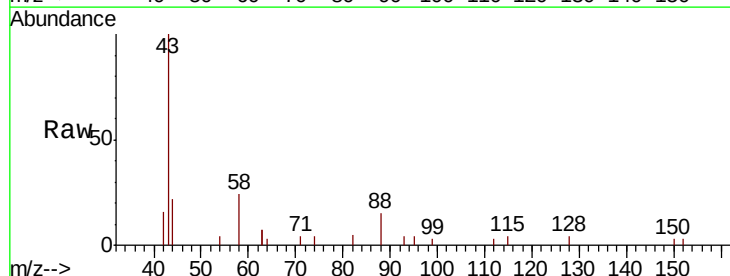
Time-->



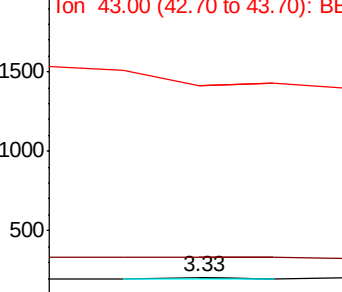
#2

1,4-Dioxane
 Concen: Below Cal
 RT: 3.33 min Scan# 40
 Delta R.T. 0.04 min
 Lab File: BE098978.D
 Acq: 15 Mar 2019 19:12

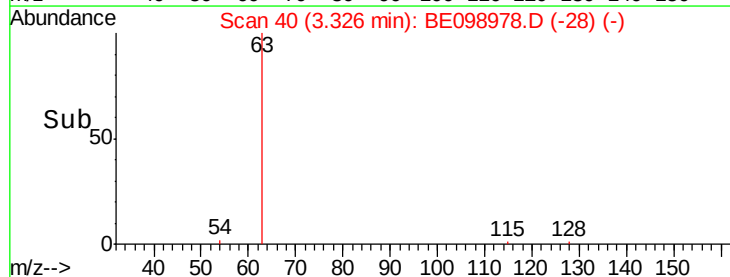
Tgt Ion: 88 Resp: 9
 Ion Ratio Lower Upper
 88 100
 58 0.0 75.8 113.6#
 43 0.0 41.8 62.8#

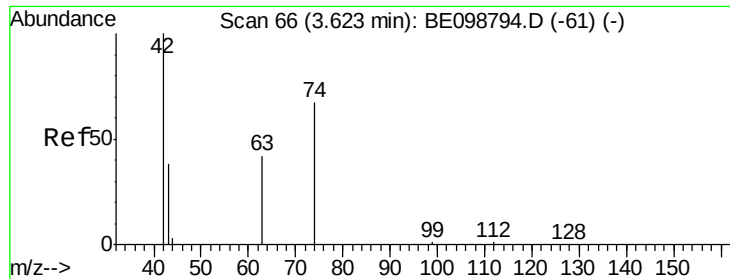


Abundance Ion 88.00 (87.70 to 88.70): BE0
 Ion 58.00 (57.70 to 58.70): BE0
 Ion 43.00 (42.70 to 43.70): BE0



Time-->





#3

n-Nitrosodimethylamine

Concen: 0.026 ng

RT: 3.66 min Scan# 69

Delta R.T. 0.04 min

Lab File: BE098978.D

Acq: 15 Mar 2019 19:12

Instrument :

BNA_E

ClientSampleId :

M3-T1-OZ(POST)

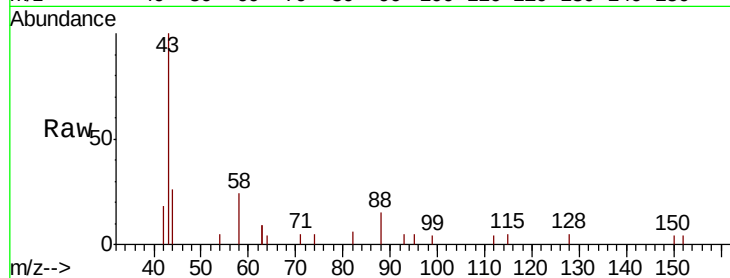
Tgt Ion: 42 Resp: 56

Ion Ratio Lower Upper

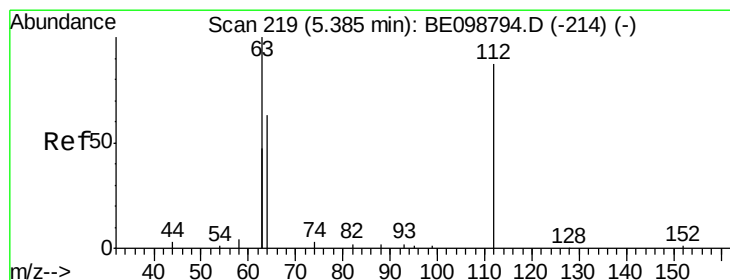
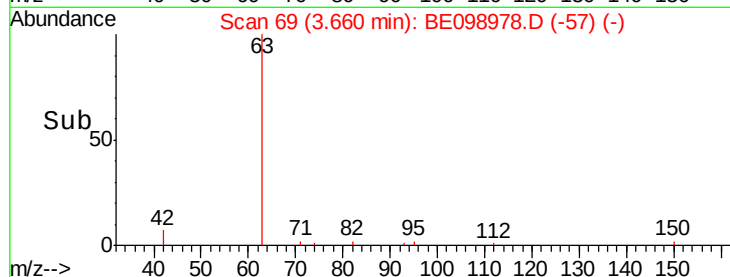
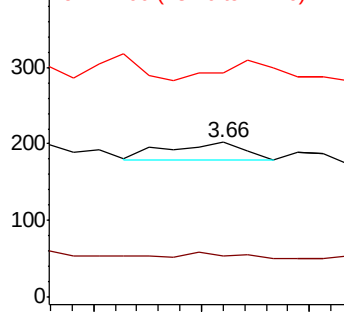
42 100

74 0.0 57.0 85.4#

44 80.4 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: 0.147 ng

RT: 5.42 min Scan# 222

Delta R.T. 0.04 min

Lab File: BE098978.D

Acq: 15 Mar 2019 19:12

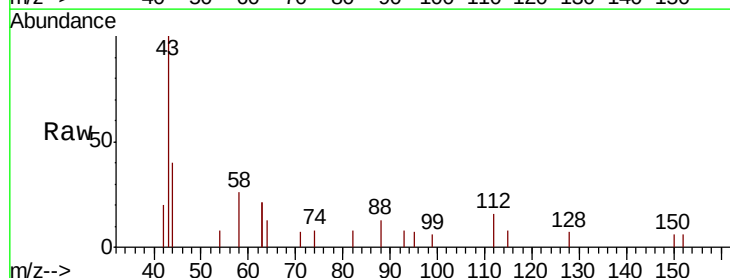
Tgt Ion: 112 Resp: 371

Ion Ratio Lower Upper

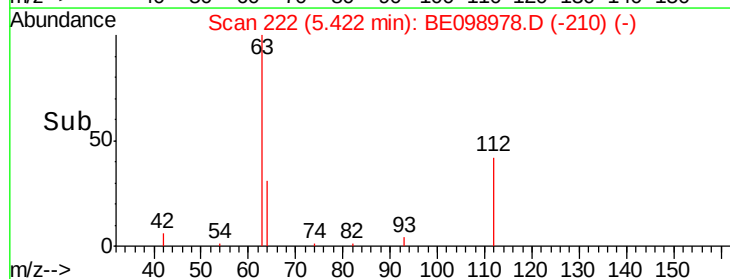
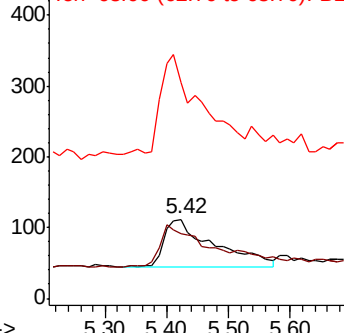
112 100

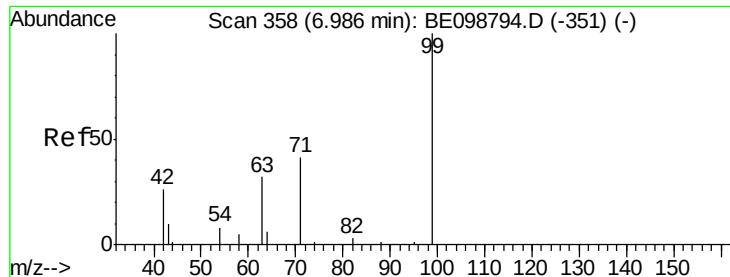
64 0.0 57.9 86.9#

63 173.9 158.3 237.5



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: 0.003 ng

RT: 6.94 min Scan# 354

Delta R.T. -0.04 min

Lab File: BE098978.D

Acq: 15 Mar 2019 19:12

Instrument :

BNA_E

ClientSampleId :

M3-T1-OZ(POST)

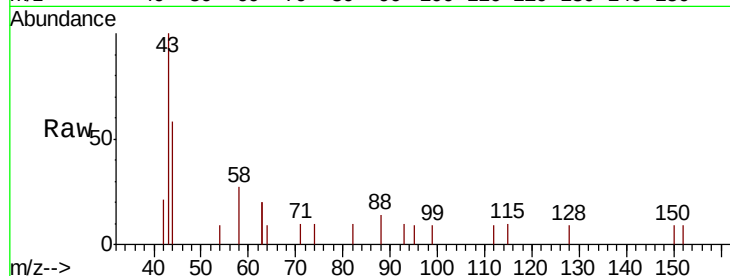
Tgt Ion: 99 Resp: 10

Ion Ratio Lower Upper

99 100

42 0.0 24.2 36.2#

71 170.0 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

150

100

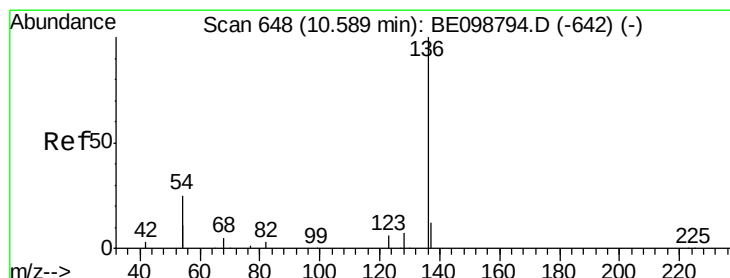
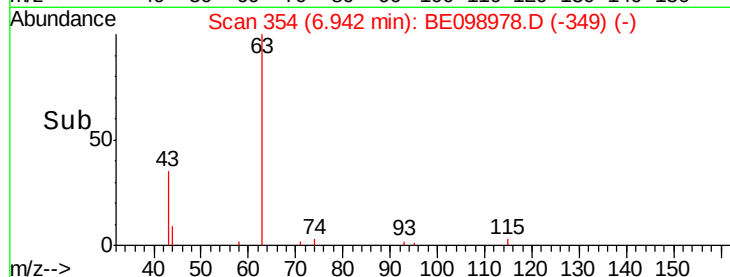
50

0

6.90 6.95 7.00

6.94

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE098978.D

Acq: 15 Mar 2019 19:12

Tgt Ion: 136 Resp: 3567

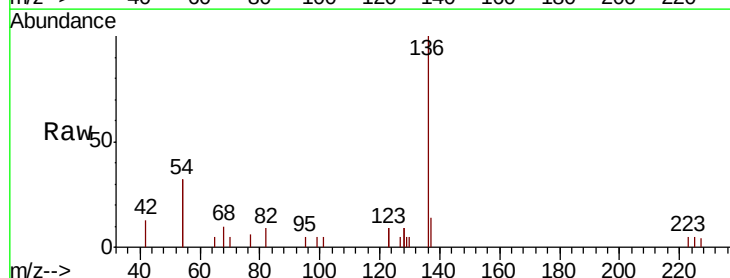
Ion Ratio Lower Upper

136 100

137 14.4 11.4 17.0

54 63.7 39.3 58.9#

68 10.1 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

1500

1000

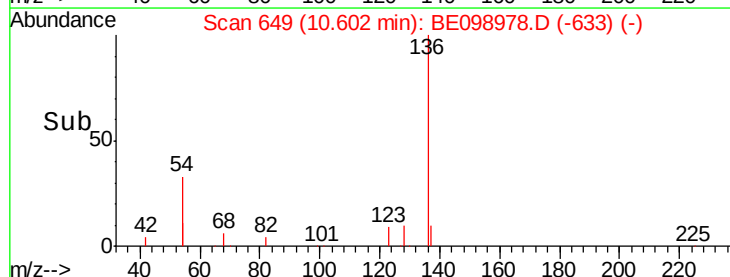
500

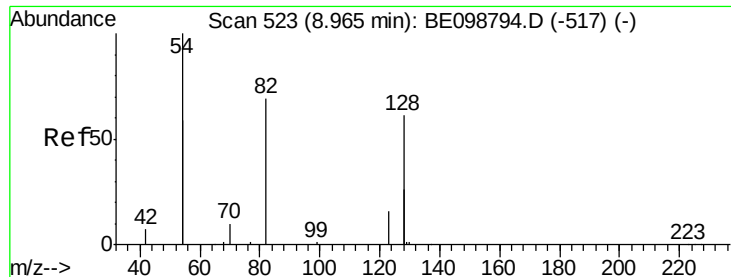
0

10.40 10.60 10.80

10.60

Time-->





#8

Nitrobenzene-d5

Concen: 0.358 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.05 min

Lab File: BE098978.D

Acq: 15 Mar 2019 19:12

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BNA_E

ClientSampleId :

M3-T1-OZ(POST)

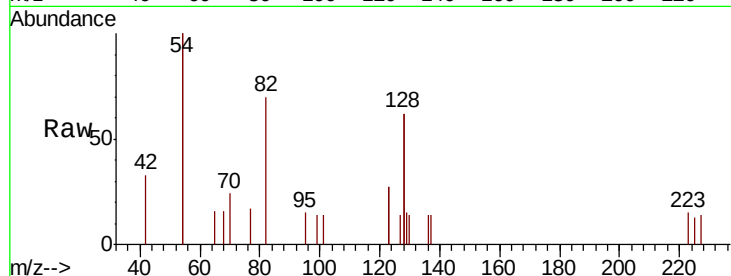
Tgt Ion: 82 Resp: 1339

Ion Ratio Lower Upper

82 100

128 176.7 123.8 185.8

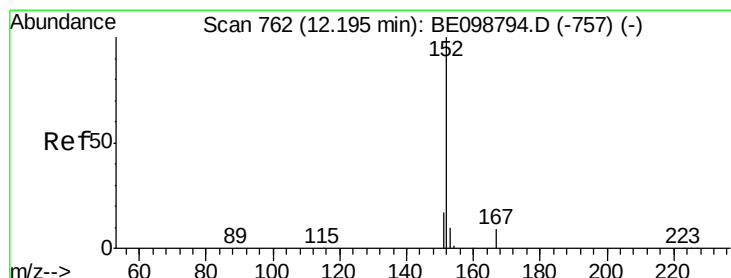
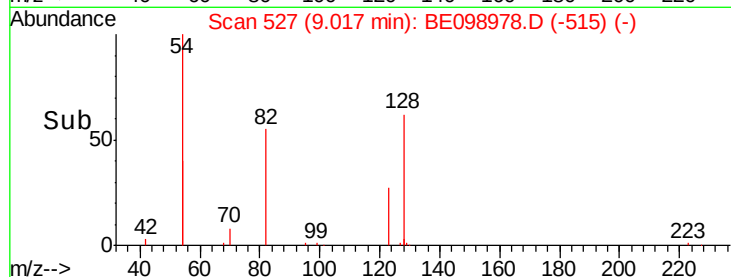
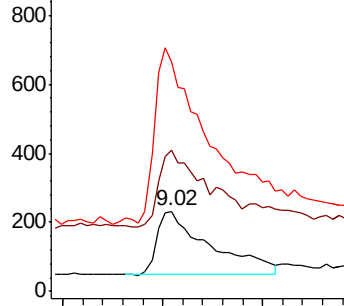
54 286.2 203.4 305.2



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: 0.424 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.01 min

Lab File: BE098978.D

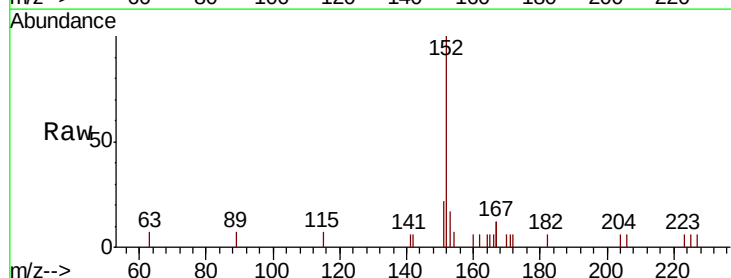
Acq: 15 Mar 2019 19:12

Tgt Ion: 152 Resp: 2795

Ion Ratio Lower Upper

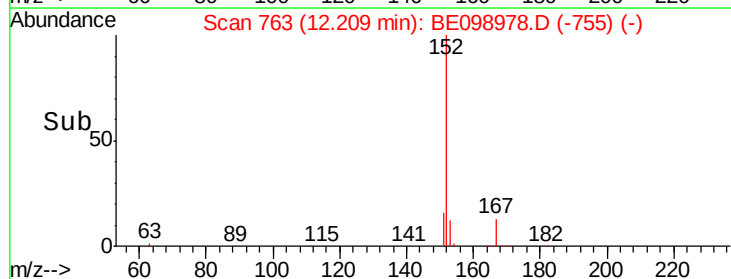
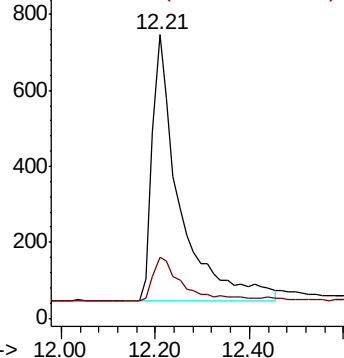
152 100

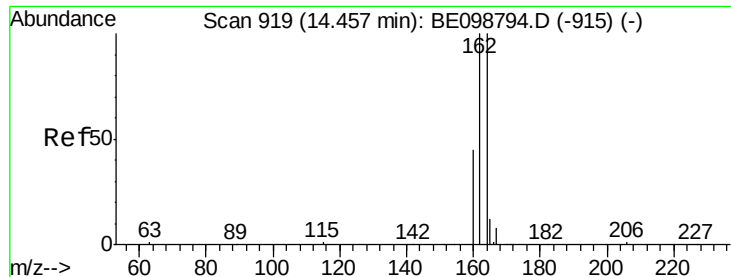
151 17.7 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): BE0

Ion 151.00 (150.70 to 151.70): BE0

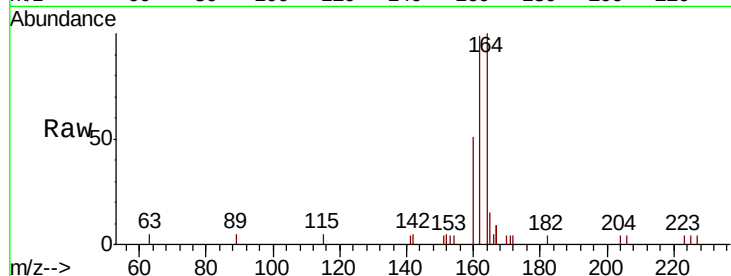




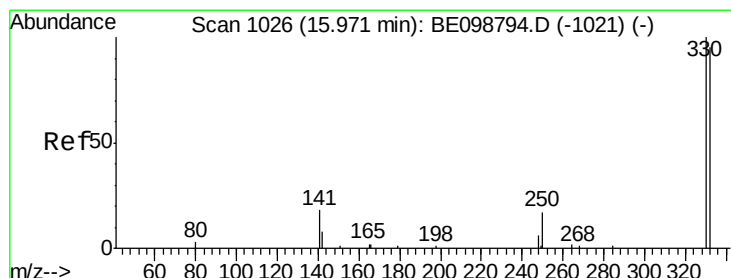
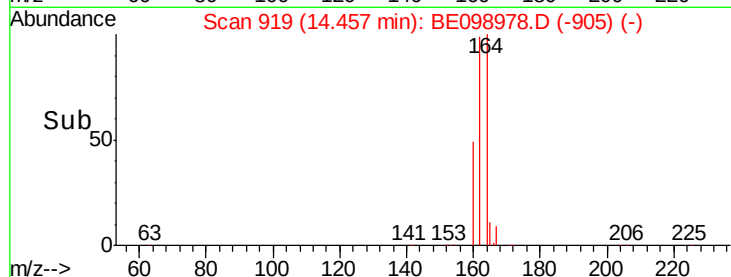
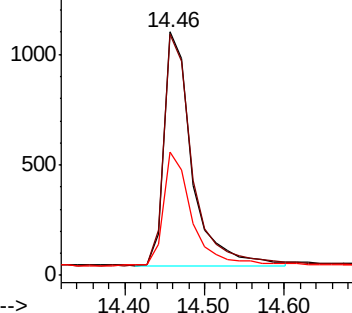
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE098978.D
Acq: 15 Mar 2019 19:12

Instrument :
BNA_E
ClientSampleId :
M3-T1-OZ(POST)

Tgt Ion:164 Resp: 2563
Ion Ratio Lower Upper
164 100
162 98.9 80.2 120.2
160 50.9 37.8 56.8

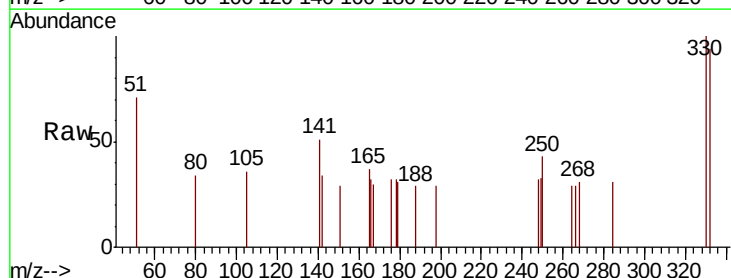


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

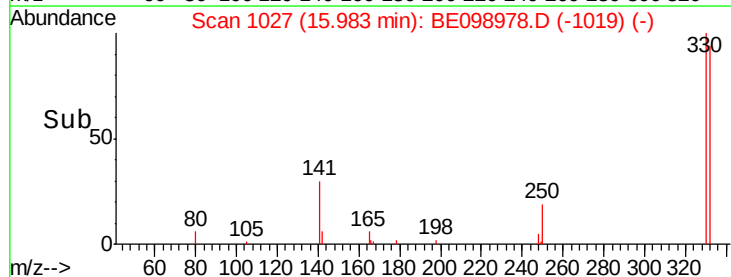
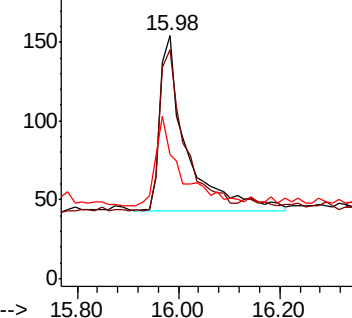


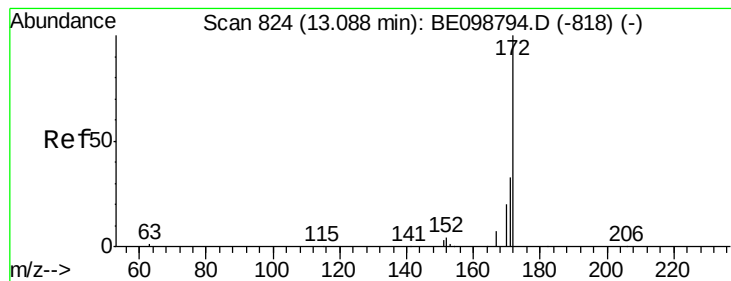
#14
2,4,6-Tribromophenol
Concen: 0.312 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BE098978.D
Acq: 15 Mar 2019 19:12

Tgt Ion:330 Resp: 404
Ion Ratio Lower Upper
330 100
332 87.9 77.6 116.4
141 49.3 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

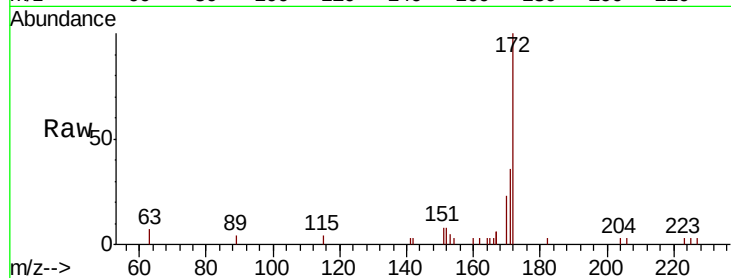




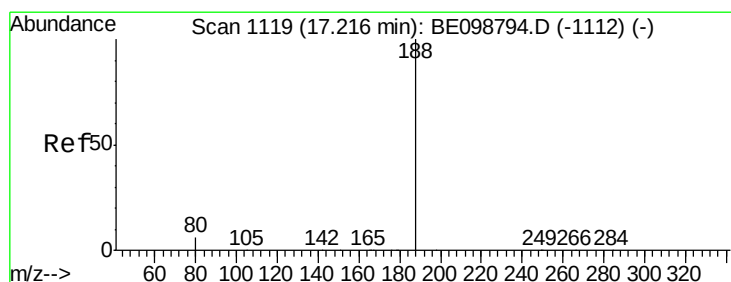
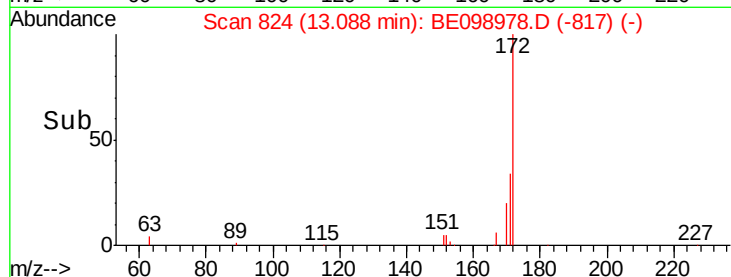
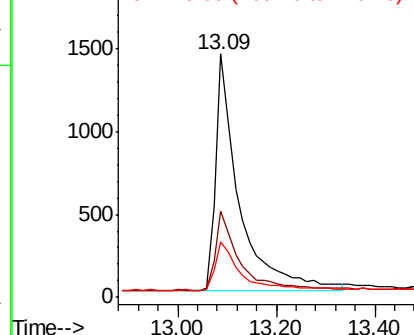
#15
2-Fluorobiphenyl
Concen: 0.438 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE098978.D
Acq: 15 Mar 2019 19:12

Instrument :
BNA_E
ClientSampleId :
M3-T1-OZ(POST)

Tgt Ion:172 Resp: 4649
Ion Ratio Lower Upper
172 100
171 35.6 28.0 42.0
170 22.7 17.7 26.5

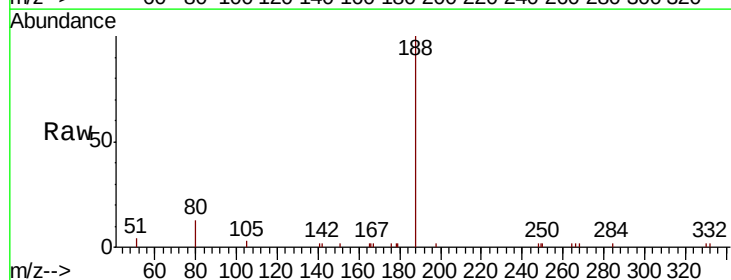


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

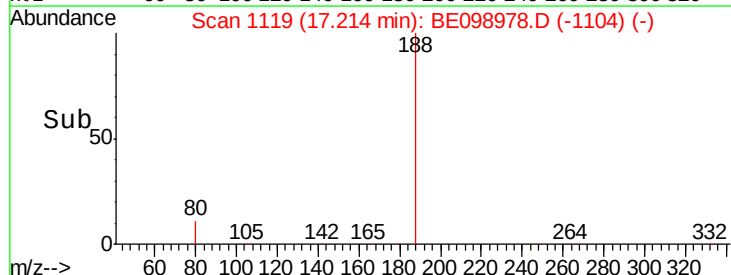
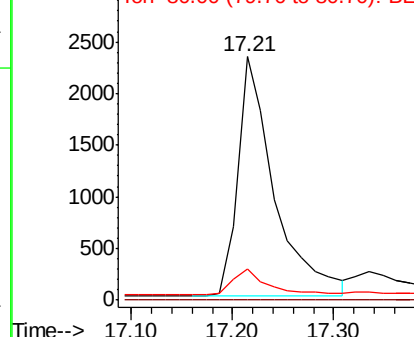


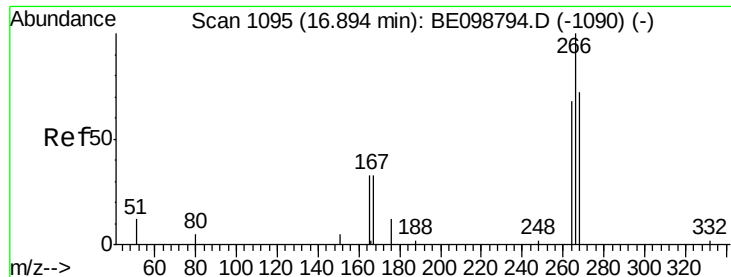
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE098978.D
Acq: 15 Mar 2019 19:12

Tgt Ion:188 Resp: 5754
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.6 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: 0.265 ng

RT: 16.87 min Scan# 1093

Delta R.T. -0.03 min

Lab File: BE098978.D

Acq: 15 Mar 2019 19:12

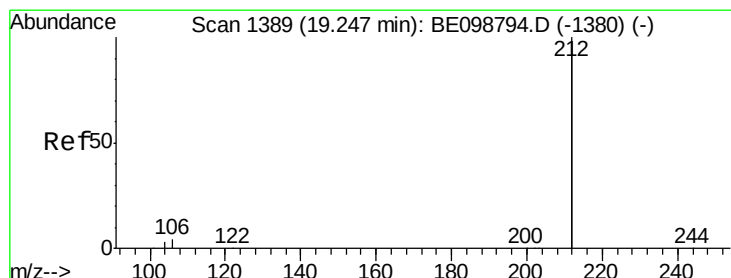
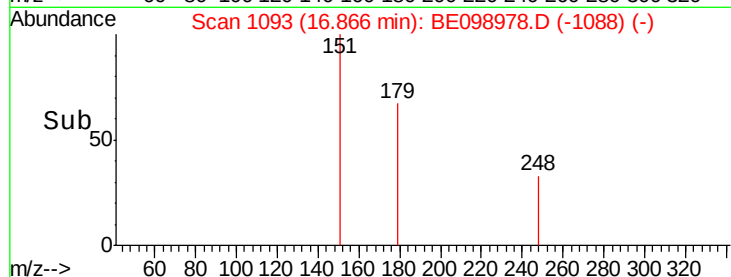
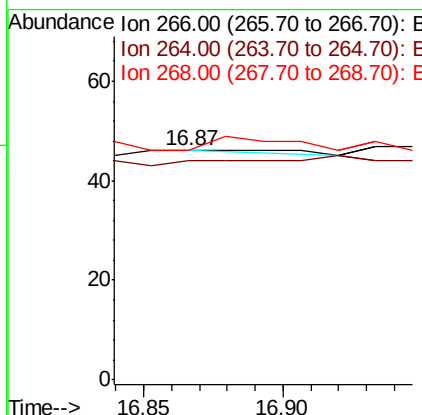
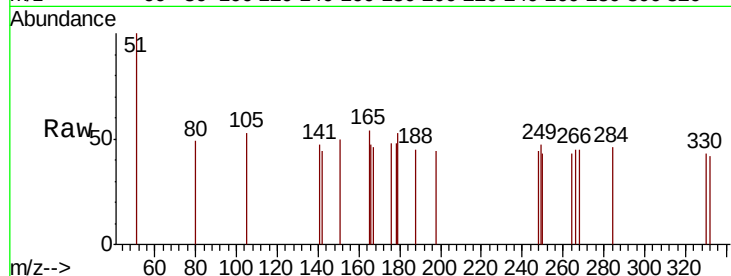
Instrument :

BNA_E

ClientSampleId :

M3-T1-OZ(POST)

Tgt Ion:	266	Resp:	1
Ion	Ratio	Lower	Upper
266	100		
264	95.7	66.6	100.0
268	100.0	69.8	104.8



#25

Fluoranthene-d10

Concen: 0.400 ng

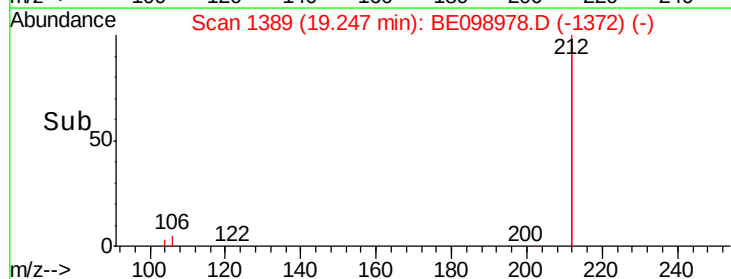
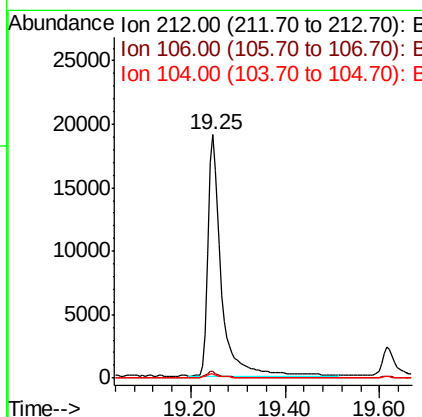
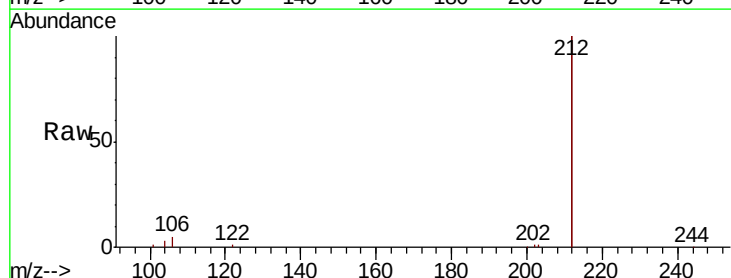
RT: 19.25 min Scan# 1389

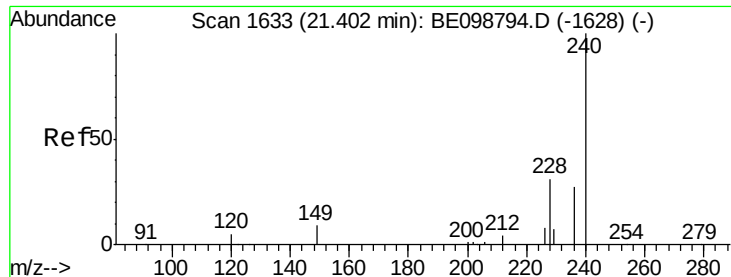
Delta R.T. 0.00 min

Lab File: BE098978.D

Acq: 15 Mar 2019 19:12

Tgt Ion:	212	Resp:	36775
Ion	Ratio	Lower	Upper
212	100		
106	2.3	1.8	2.8
104	1.4	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: BE098978.D

Acq: 15 Mar 2019 19:12

Instrument :

BNA_E

ClientSampleId :

M3-T1-OZ(POST)

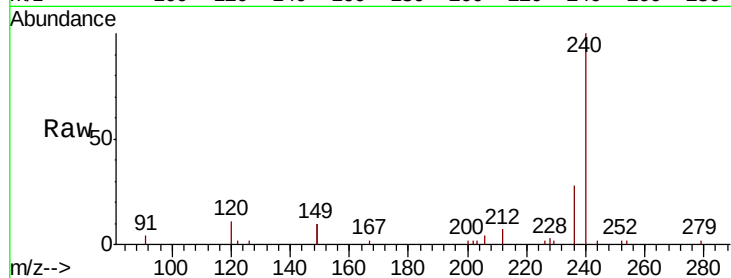
Tgt Ion:240 Resp: 6748

Ion Ratio Lower Upper

240 100

120 11.2 5.0 7.4#

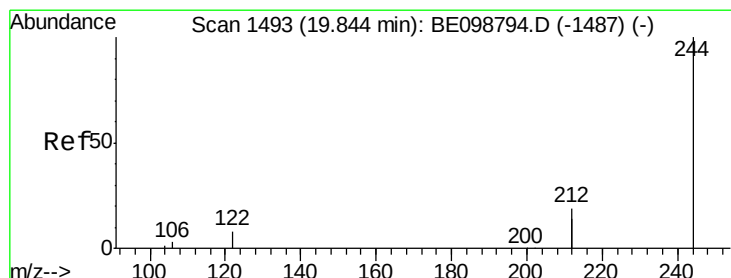
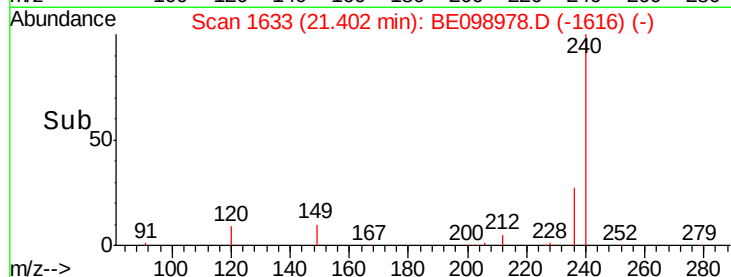
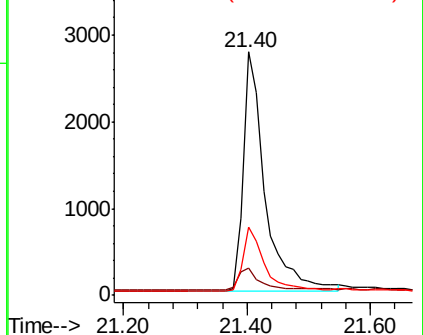
236 27.9 22.7 34.1



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: 0.450 ng

RT: 19.84 min Scan# 1493

Delta R.T. 0.00 min

Lab File: BE098978.D

Acq: 15 Mar 2019 19:12

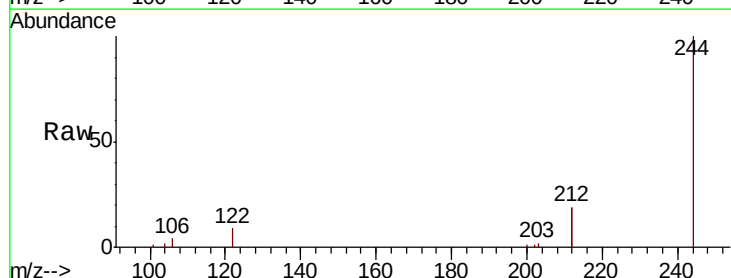
Tgt Ion:244 Resp: 7383

Ion Ratio Lower Upper

244 100

212 37.2 29.4 44.2

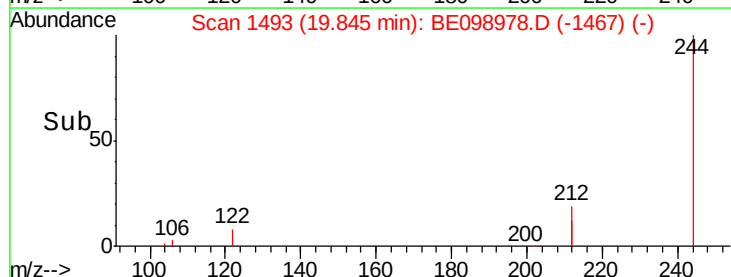
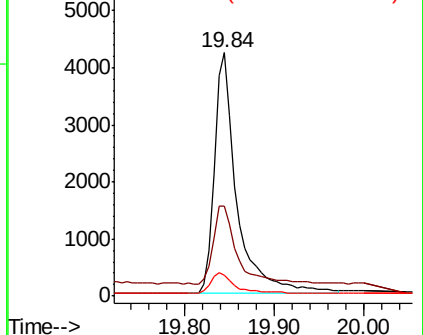
122 8.8 7.1 10.7

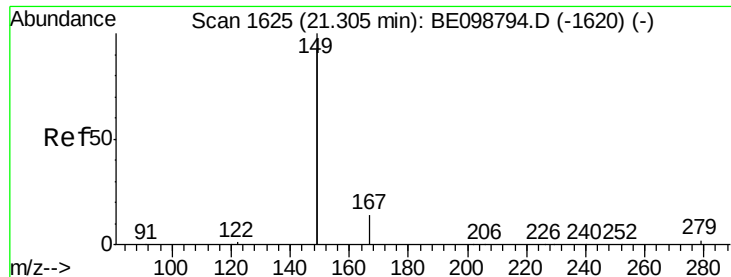


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

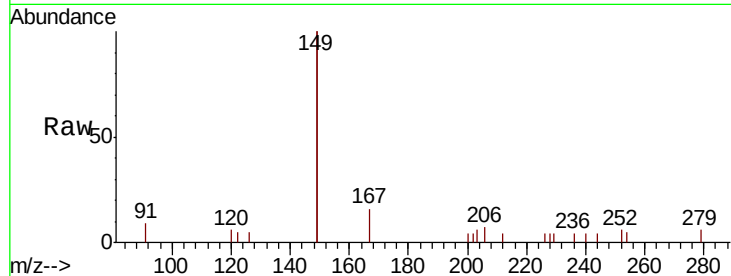




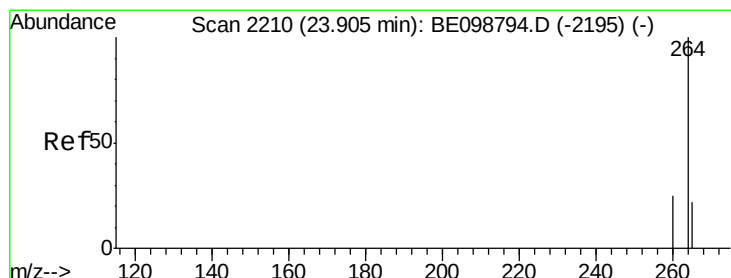
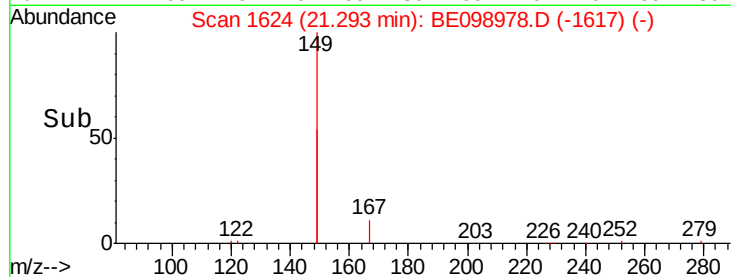
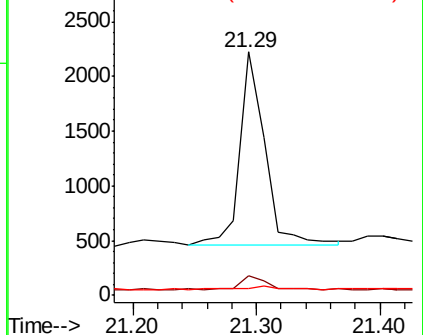
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.055 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BE098978.D
 Acq: 15 Mar 2019 19:12

Instrument :
 BNA_E
 ClientSampleId :
 M3-T1-OZ(POST)

Tgt Ion:149 Resp: 2484
 Ion Ratio Lower Upper
 149 100
 167 8.2 5.4 8.0#
 279 1.9 1.0 1.4#

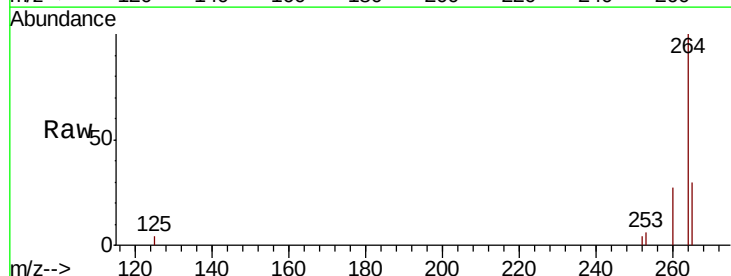


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.91 min Scan# 2210
 Delta R.T. 0.00 min
 Lab File: BE098978.D
 Acq: 15 Mar 2019 19:12

Tgt Ion:264 Resp: 6286
 Ion Ratio Lower Upper
 264 100
 260 26.7 21.2 31.8
 265 29.9 24.6 36.8



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

