

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031519\
 Data File : BE098979.D
 Acq On : 15 Mar 2019 19:51
 Operator : JU/SJ
 Sample : K1912-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 M3-T2-OZ(POST)

Quant Time: Mar 16 00:52:26 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

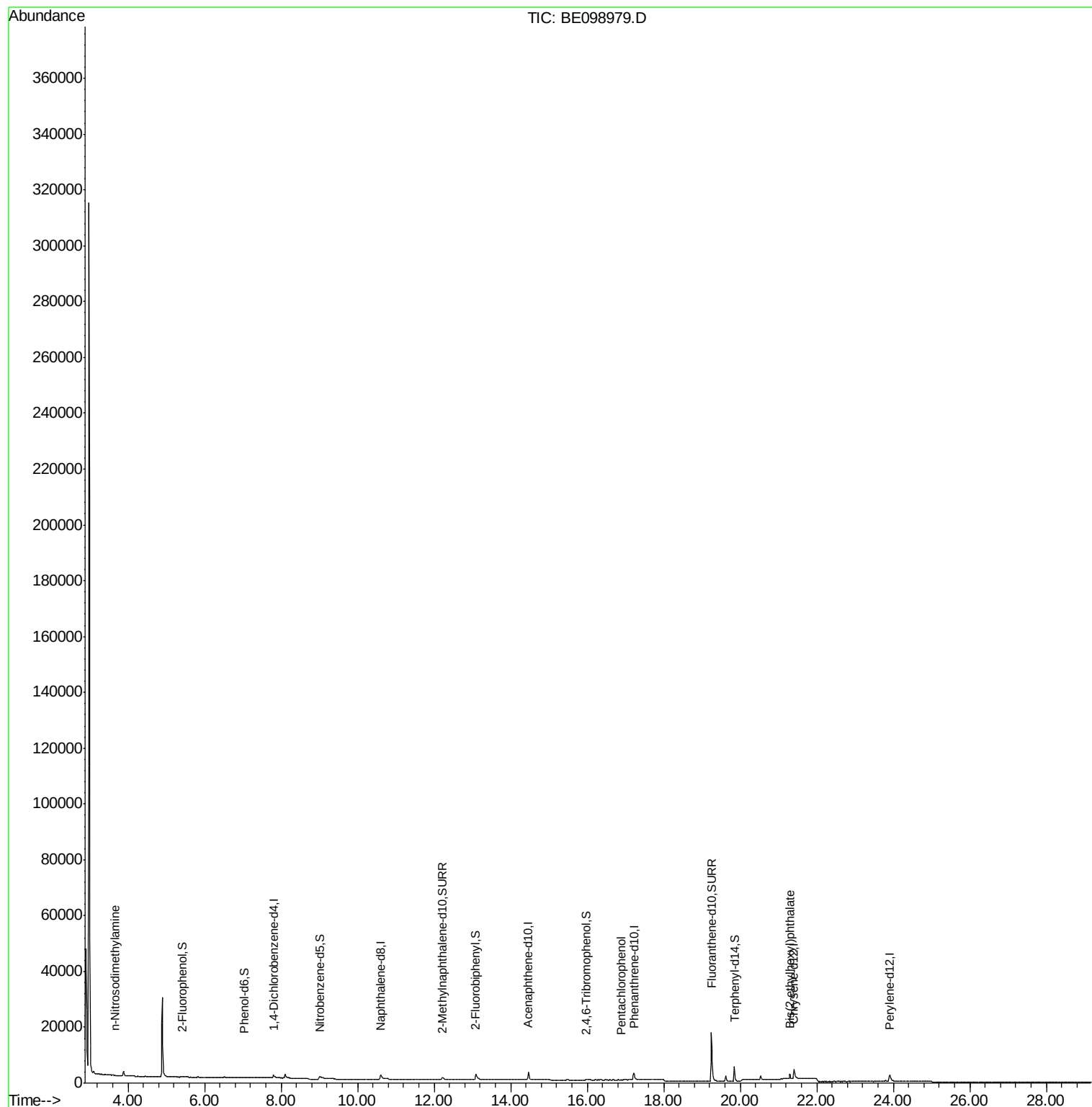
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	844	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3465	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2459	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5505	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6447	0.40	ng	0.00
34) Perylene-d12	23.91	264	5855	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	385	0.15	ng	0.02
5) Phenol-d6	7.02	99	285	0.08	ng	0.04
8) Nitrobenzene-d5	9.00	82	1090	0.30	ng	0.04
11) 2-Methylnaphthalene-d10	12.21	152	2379	0.37	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	342	0.28	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4154	0.41	ng	0.00
25) Fluoranthene-d10	19.25	212	33680	0.38	ng	0.00
29) Terphenyl-d14	19.84	244	6430	0.41	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.31	88	36	Below Cal	Qvalue #	11
3) n-Nitrosodimethylamine	3.65	42	60	0.028 ng	#	20
22) Pentachlorophenol	16.88	266	4	0.268 ng		85
32) Bis(2-ethylhexyl)phthalate	21.29	149	2700	0.063 ng		98

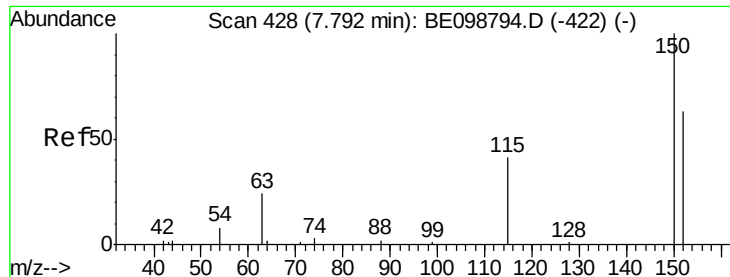
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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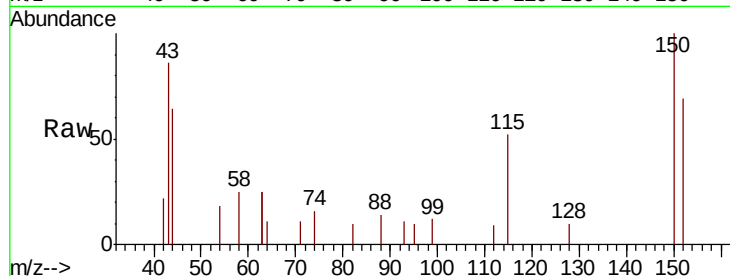


#1

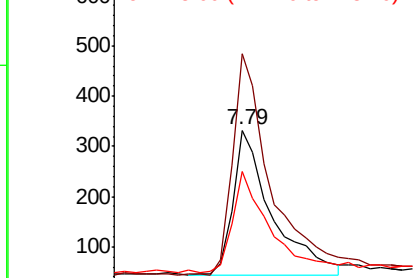
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098979.D
Acq: 15 Mar 2019 19:51

Instrument :
BNA_E
ClientSampleId :
M3-T2-OZ(POST)

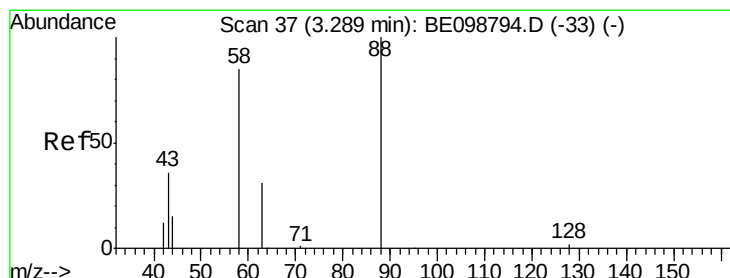
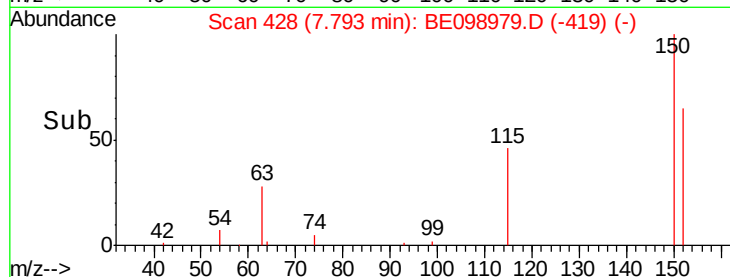
Tgt Ion: 152 Resp: 844
Ion Ratio Lower Upper
152 100
150 145.8 122.5 183.7
115 75.6 57.4 86.2



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



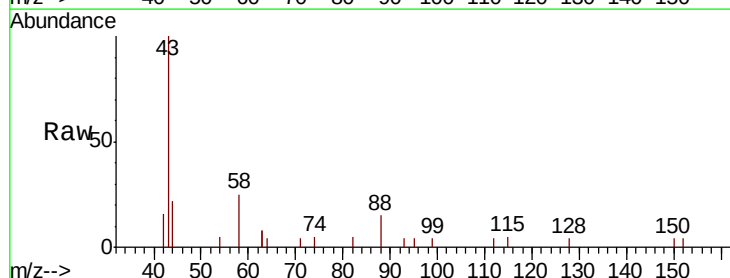
Time-->



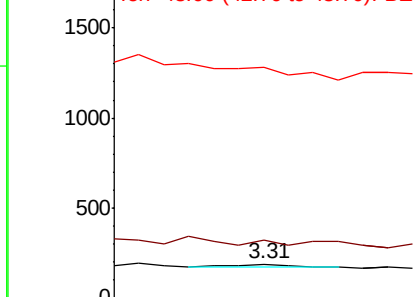
#2

1,4-Dioxane
Concen: Below Cal
RT: 3.31 min Scan# 39
Delta R.T. 0.03 min
Lab File: BE098979.D
Acq: 15 Mar 2019 19:51

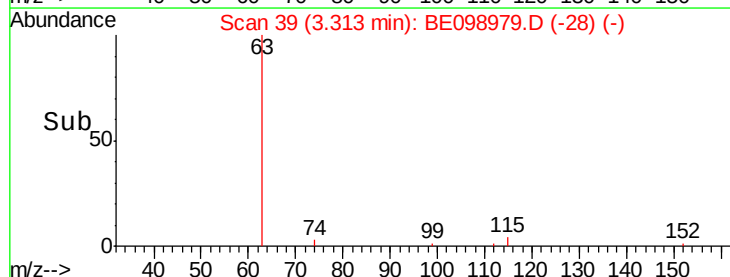
Tgt Ion: 88 Resp: 36
Ion Ratio Lower Upper
88 100
58 0.0 75.8 113.6#
43 0.0 41.8 62.8#

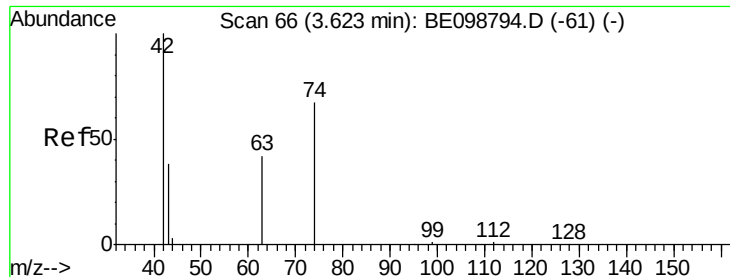


Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0



Time-->





#3

n-Nitrosodimethylamine

Concen: 0.028 ng

RT: 3.65 min Scan# 68

Delta R.T. 0.02 min

Lab File: BE098979.D

Acq: 15 Mar 2019 19:51

Instrument :

BNA_E

ClientSampleId :

M3-T2-OZ(POST)

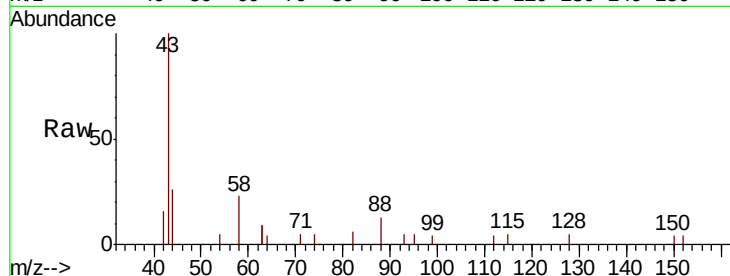
Tgt Ion: 42 Resp: 60

Ion Ratio Lower Upper

42 100

74 5.0 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

400

300

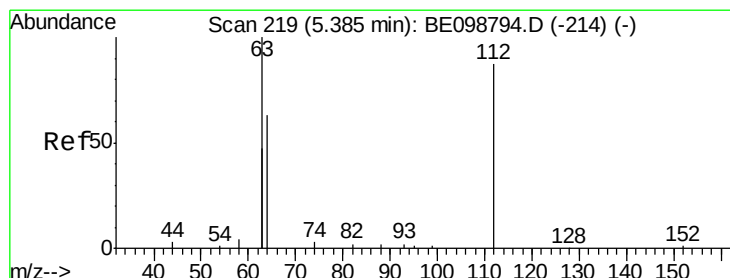
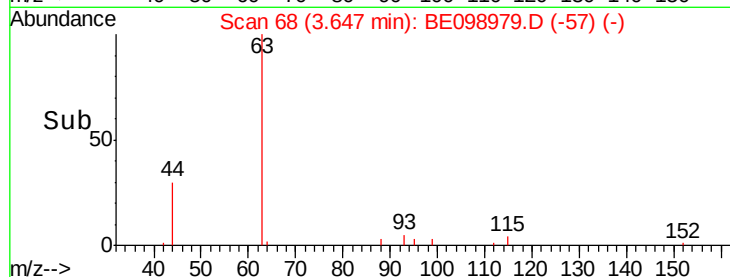
200

100

0

3.60 3.65 3.70

Time-->



#4

2-Fluorophenol

Concen: 0.153 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.02 min

Lab File: BE098979.D

Acq: 15 Mar 2019 19:51

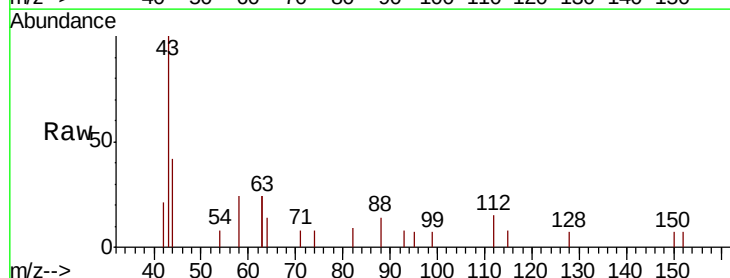
Tgt Ion: 112 Resp: 385

Ion Ratio Lower Upper

112 100

64 49.6 57.9 86.9#

63 150.1 158.3 237.5#



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

400

300

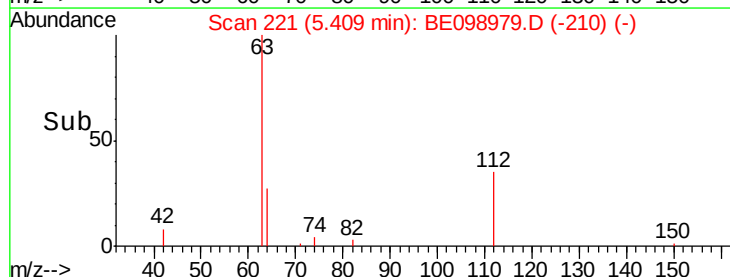
200

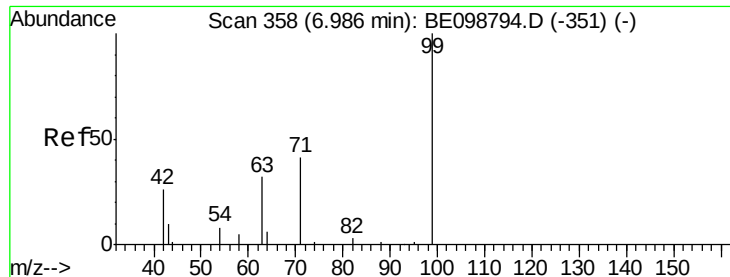
100

0

5.30 5.40 5.50 5.60 5.70

Time-->





#5

Phenol-d6

Concen: 0.080 ng

RT: 7.02 min Scan# 361

Delta R.T. 0.04 min

Lab File: BE098979.D

Acq: 15 Mar 2019 19:51

Instrument :

BNA_E

ClientSampleId :

M3-T2-OZ(POST)

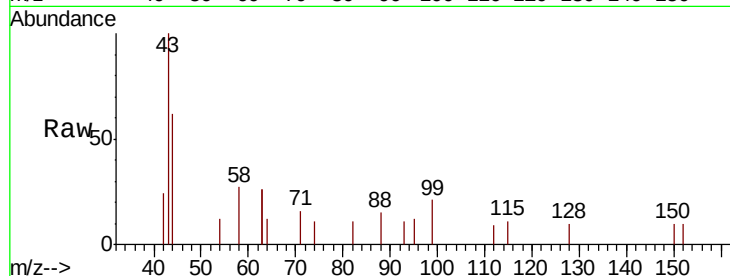
Tgt Ion: 99 Resp: 285

Ion Ratio Lower Upper

99 100

42 25.3 24.2 36.2

71 36.1 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

7.02

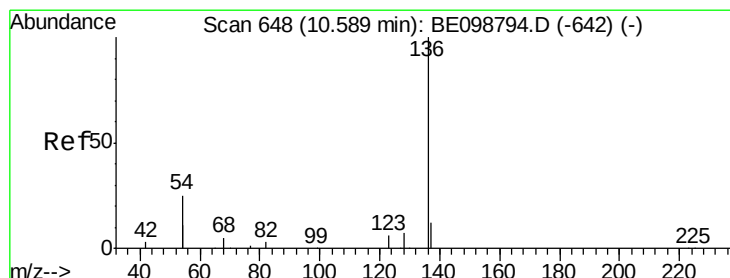
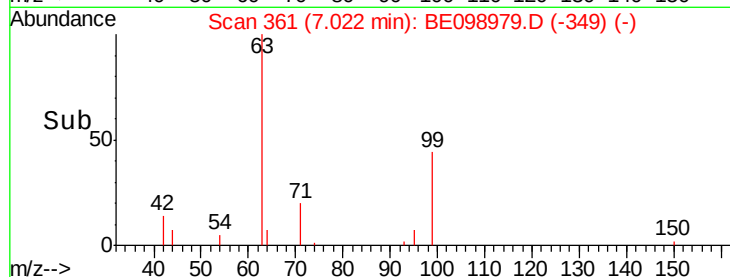
100

50

0

6.90 7.00 7.10 7.20

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE098979.D

Acq: 15 Mar 2019 19:51

Tgt Ion: 136 Resp: 3465

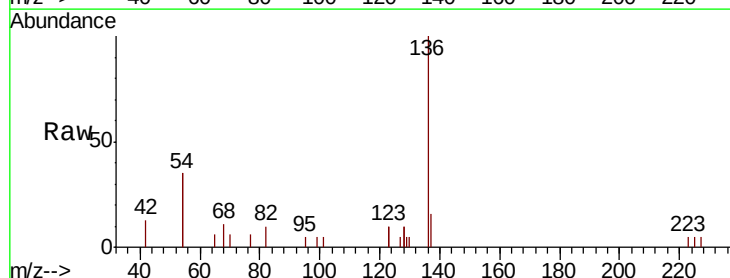
Ion Ratio Lower Upper

136 100

137 15.9 11.4 17.0

54 70.4 39.3 58.9#

68 10.9 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

10.60

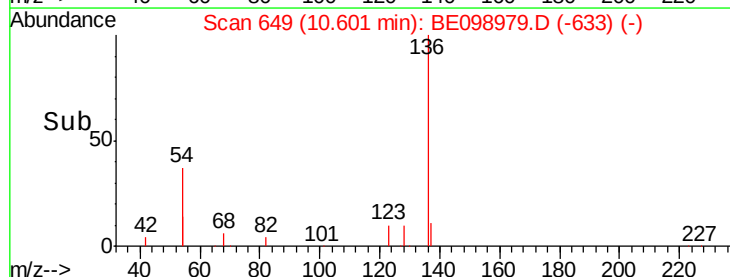
1000

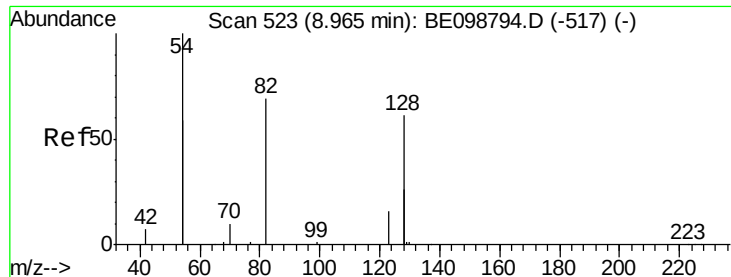
500

0

10.50 10.60 10.70 10.80

Time-->





#8

Nitrobenzene-d5

Concen: 0.300 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.04 min

Lab File: BE098979.D

Acq: 15 Mar 2019 19:51

Instrument :

BNA_E

ClientSampleId :

M3-T2-OZ(POST)

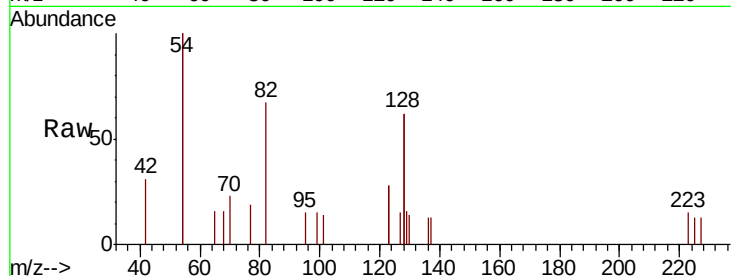
Tgt Ion: 82 Resp: 1090

Ion Ratio Lower Upper

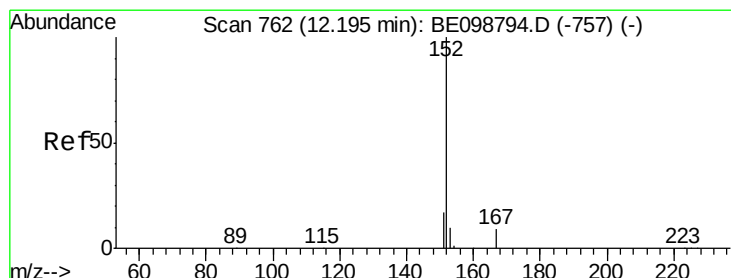
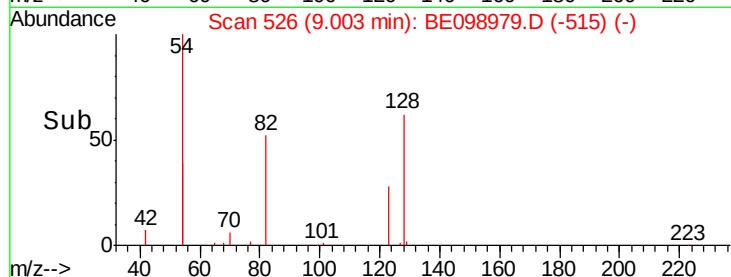
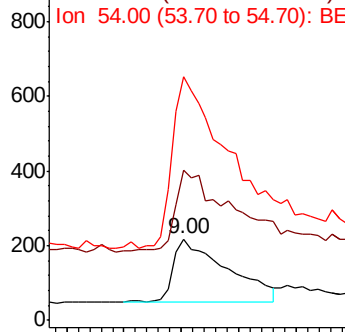
82 100

128 184.4 123.8 185.8

54 299.1 203.4 305.2



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: 0.371 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.01 min

Lab File: BE098979.D

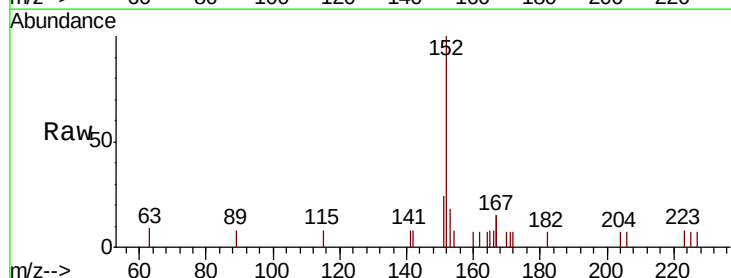
Acq: 15 Mar 2019 19:51

Tgt Ion: 152 Resp: 2379

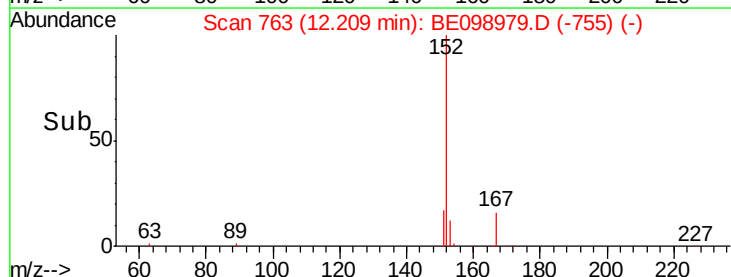
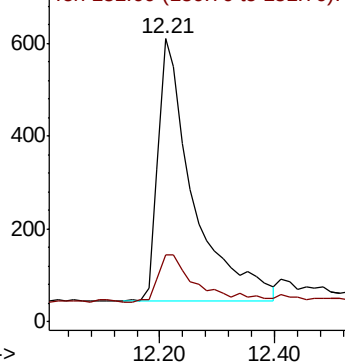
Ion Ratio Lower Upper

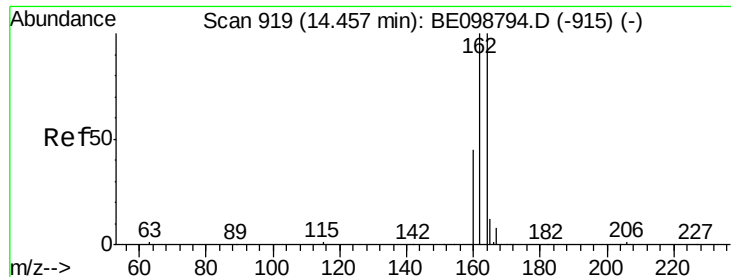
152 100

151 19.5 16.5 24.7



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

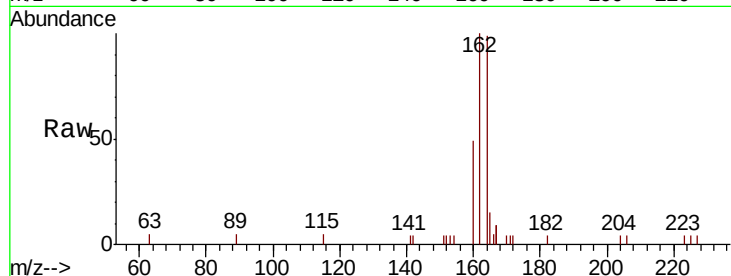




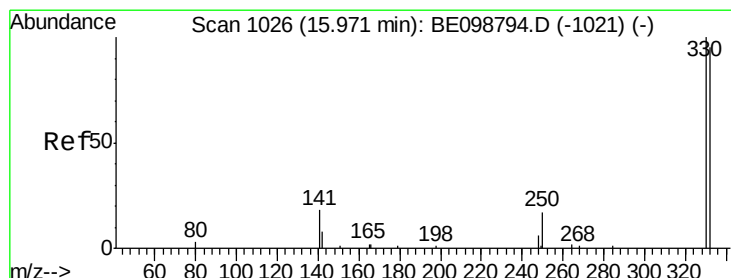
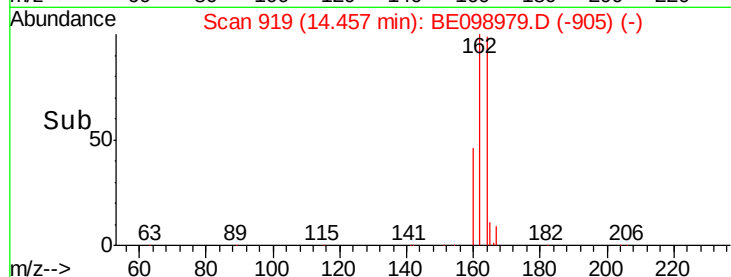
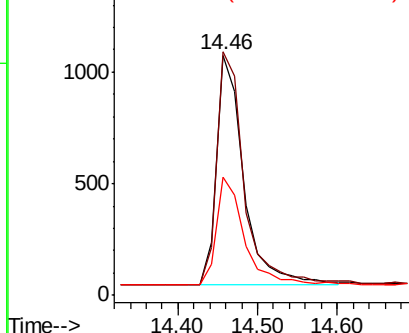
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: BE098979.D
 Acq: 15 Mar 2019 19:51

Instrument :
 BNA_E
 ClientSampleId :
 M3-T2-OZ(POST)

Tgt Ion:164 Resp: 2459
 Ion Ratio Lower Upper
 164 100
 162 101.4 80.2 120.2
 160 49.3 37.8 56.8

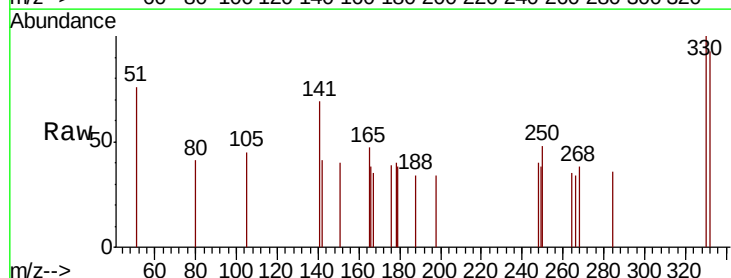


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

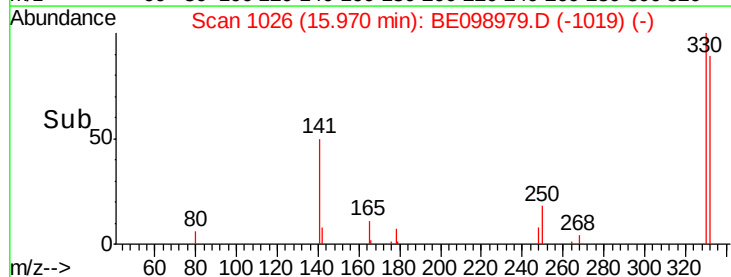
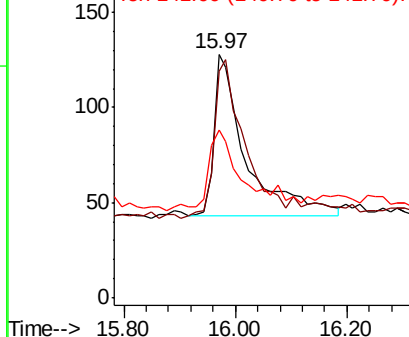


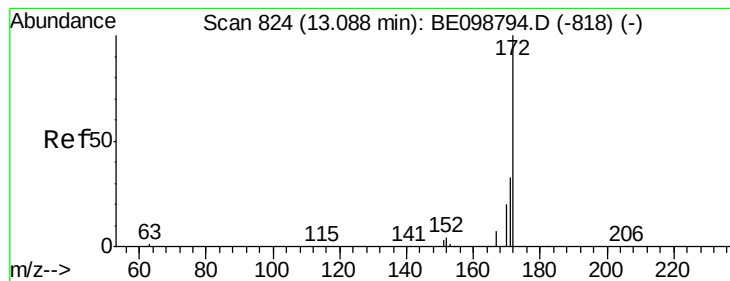
#14
 2,4,6-Tribromophenol
 Concen: 0.276 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE098979.D
 Acq: 15 Mar 2019 19:51

Tgt Ion:330 Resp: 342
 Ion Ratio Lower Upper
 330 100
 332 92.4 77.6 116.4
 141 46.8 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: 0.408 ng

RT: 13.09 min Scan# 824

Delta R.T. 0.00 min

Lab File: BE098979.D

Acq: 15 Mar 2019 19:51

Instrument :

BNA_E

ClientSampleId :

M3-T2-OZ(POST)

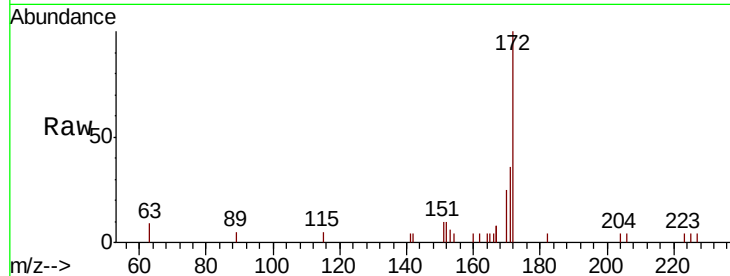
Tgt Ion:172 Resp: 4154

Ion Ratio Lower Upper

172 100

171 36.2 28.0 42.0

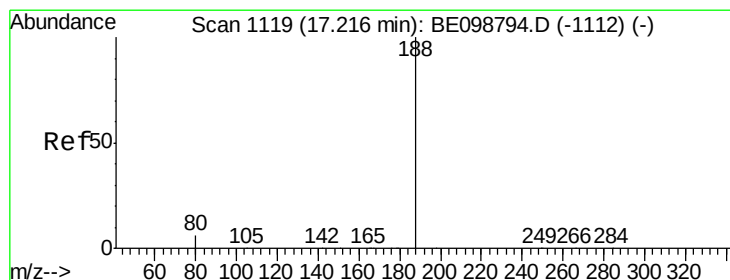
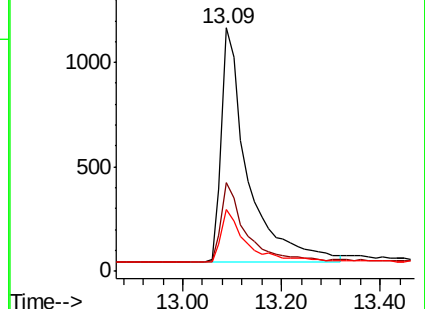
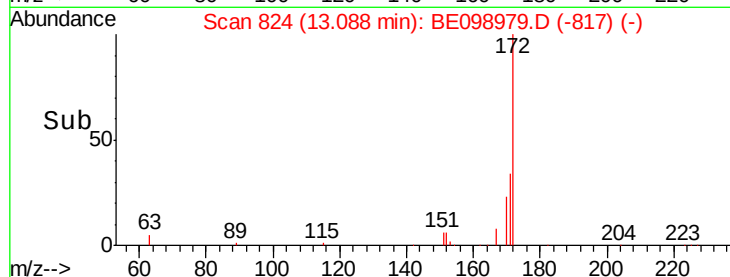
170 25.5 17.7 26.5



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: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098979.D

Acq: 15 Mar 2019 19:51

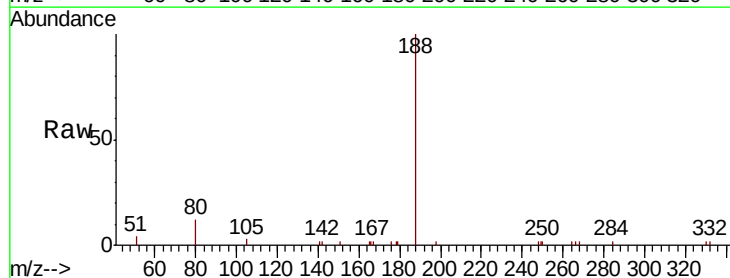
Tgt Ion:188 Resp: 5505

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

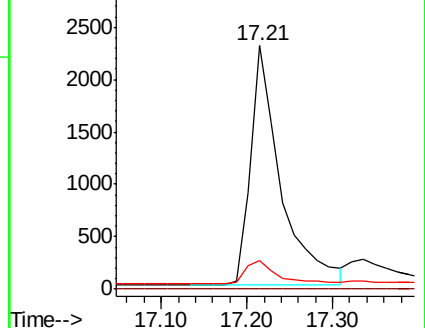
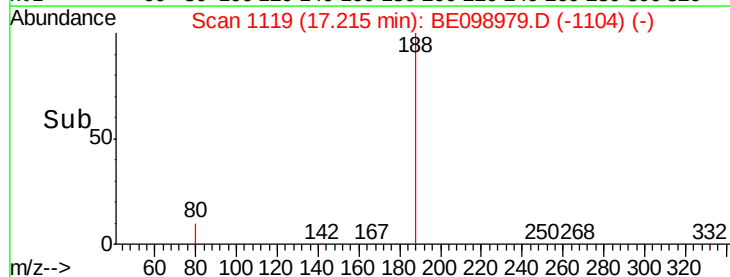
80 11.5 6.3 9.5#

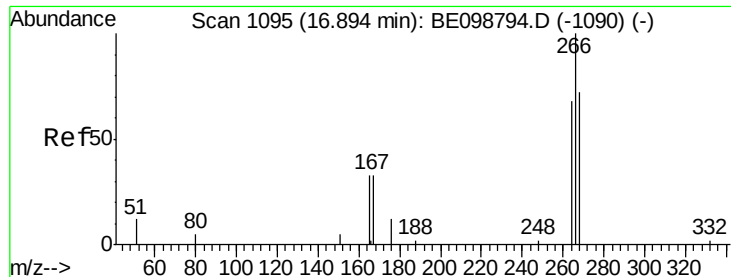


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#22

Pentachlorophenol

Concen: 0.268 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BE098979.D

Acq: 15 Mar 2019 19:51

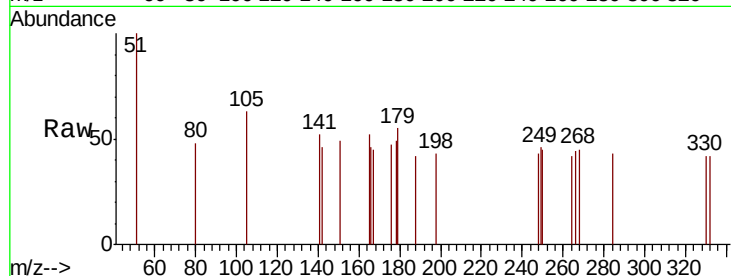
Instrument :

BNA_E

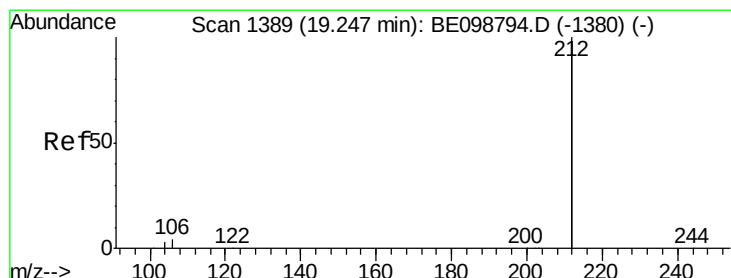
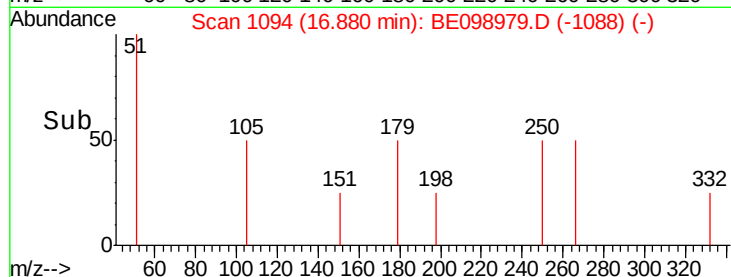
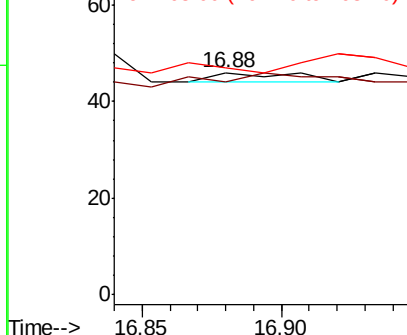
ClientSampleId :

M3-T2-OZ(POST)

Tgt Ion:	266	Resp:	4
Ion	Ratio	Lower	Upper
266	100		
264	95.7	66.6	100.0
268	102.2	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: 0.383 ng

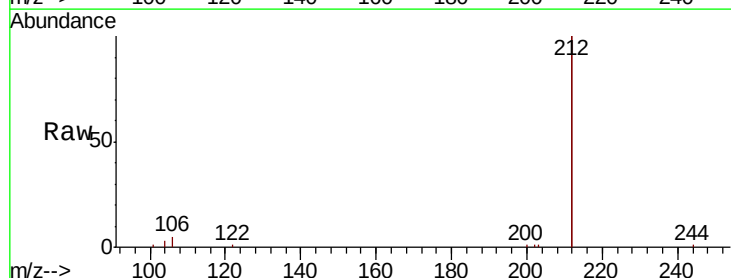
RT: 19.25 min Scan# 1389

Delta R.T. -0.00 min

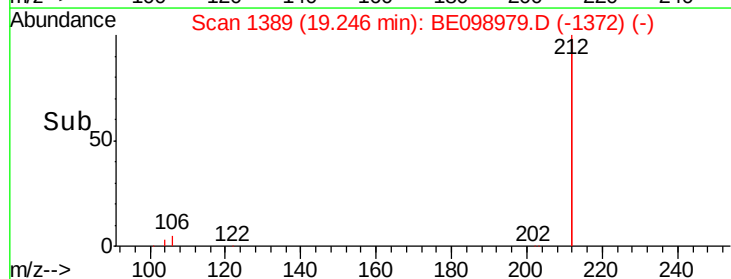
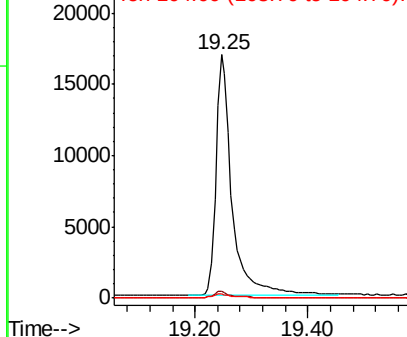
Lab File: BE098979.D

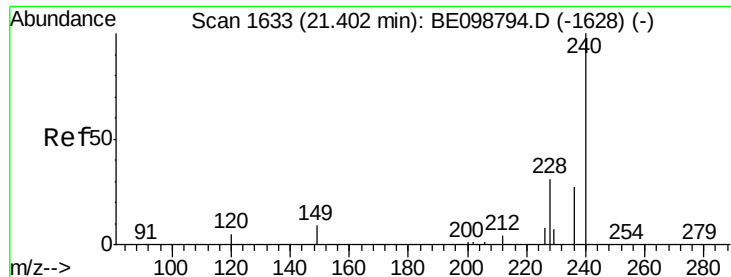
Acq: 15 Mar 2019 19:51

Tgt Ion:	212	Resp:	33680
Ion	Ratio	Lower	Upper
212	100		
106	2.4	1.8	2.8
104	1.3	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# 1633

Delta R.T. -0.00 min

Lab File: BE098979.D

Acq: 15 Mar 2019 19:51

Instrument :

BNA_E

ClientSampleId :

M3-T2-OZ(POST)

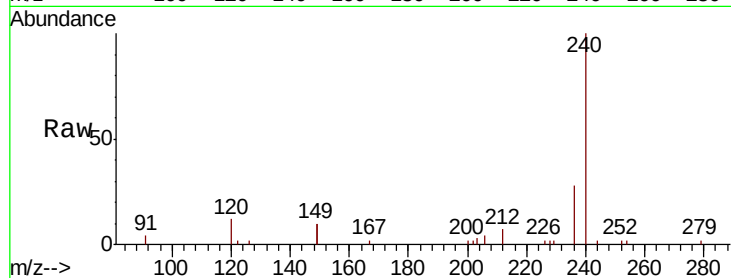
Tgt Ion:240 Resp: 6447

Ion Ratio Lower Upper

240 100

120 11.9 5.0 7.4#

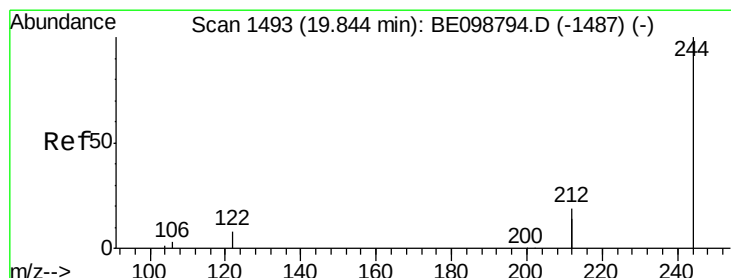
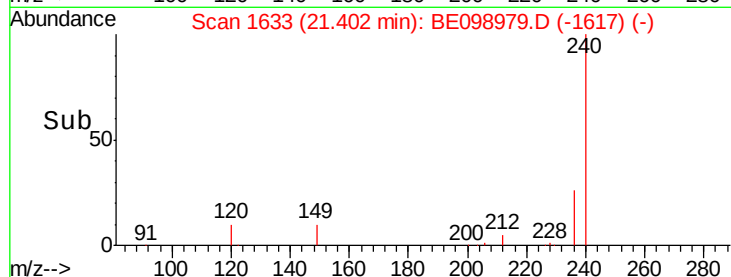
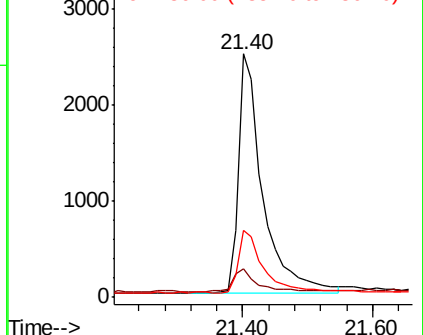
236 27.7 22.7 34.1



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: 0.410 ng

RT: 19.84 min Scan# 1493

Delta R.T. -0.00 min

Lab File: BE098979.D

Acq: 15 Mar 2019 19:51

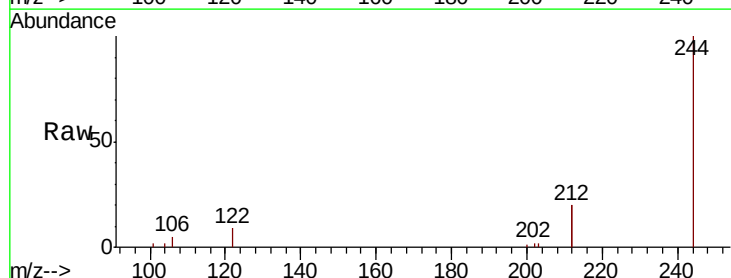
Tgt Ion:244 Resp: 6430

Ion Ratio Lower Upper

244 100

212 39.3 29.4 44.2

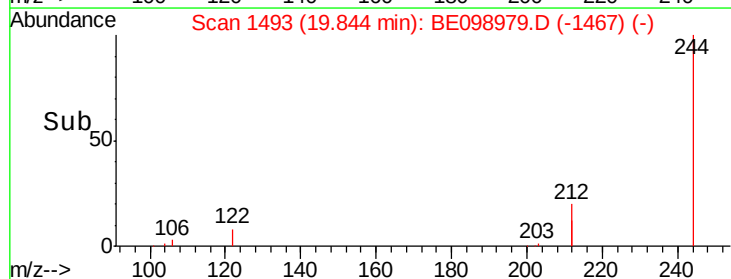
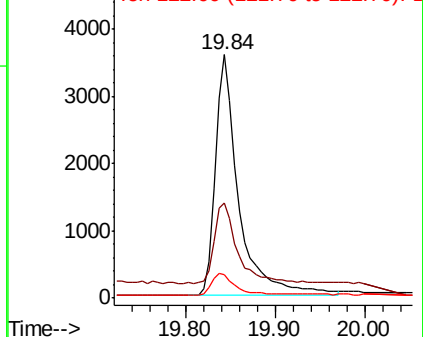
122 9.5 7.1 10.7

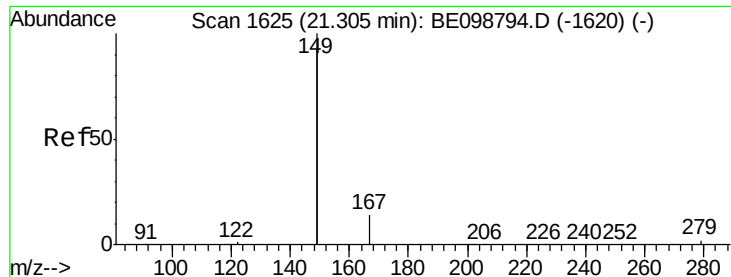


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

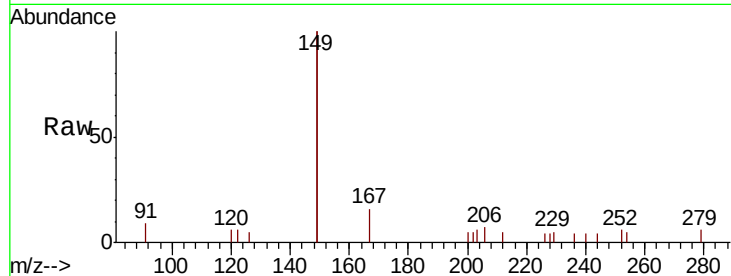




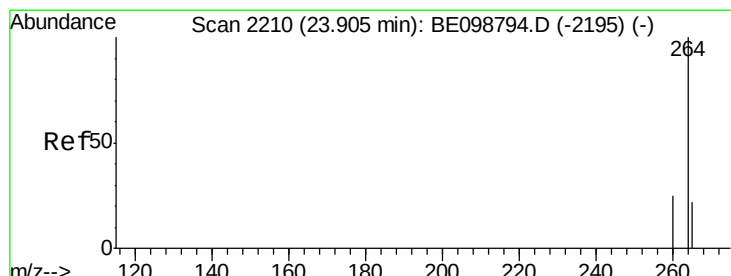
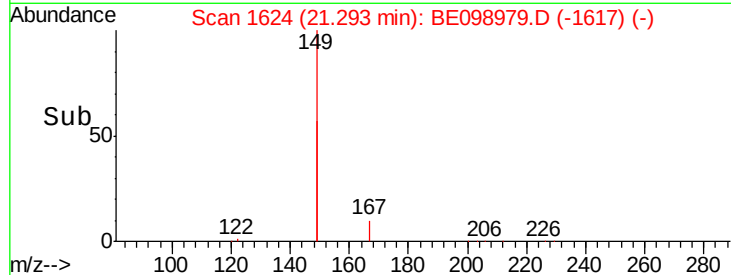
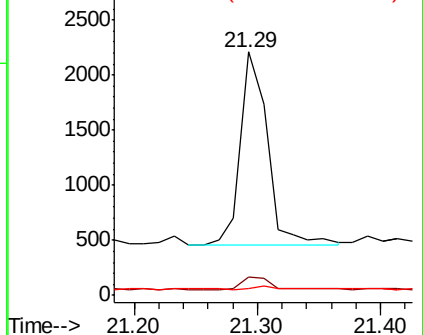
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.063 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BE098979.D
 Acq: 15 Mar 2019 19:51

Instrument :
 BNA_E
 ClientSampleId :
 M3-T2-OZ(POST)

Tgt Ion:149 Resp: 2700
 Ion Ratio Lower Upper
 149 100
 167 7.4 5.4 8.0
 279 1.4 1.0 1.4

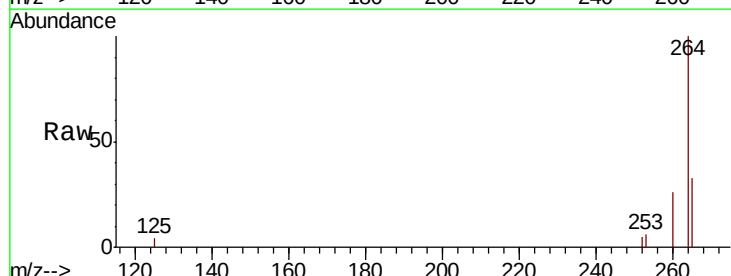


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.91 min Scan# 2211
 Delta R.T. 0.00 min
 Lab File: BE098979.D
 Acq: 15 Mar 2019 19:51

Tgt Ion:264 Resp: 5855
 Ion Ratio Lower Upper
 264 100
 260 25.5 21.2 31.8
 265 33.0 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

