

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031519\
 Data File : BE098989.D
 Acq On : 16 Mar 2019 4:18
 Operator : JU/SJ
 Sample : K1912-15
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Mar 16 05:45:34 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

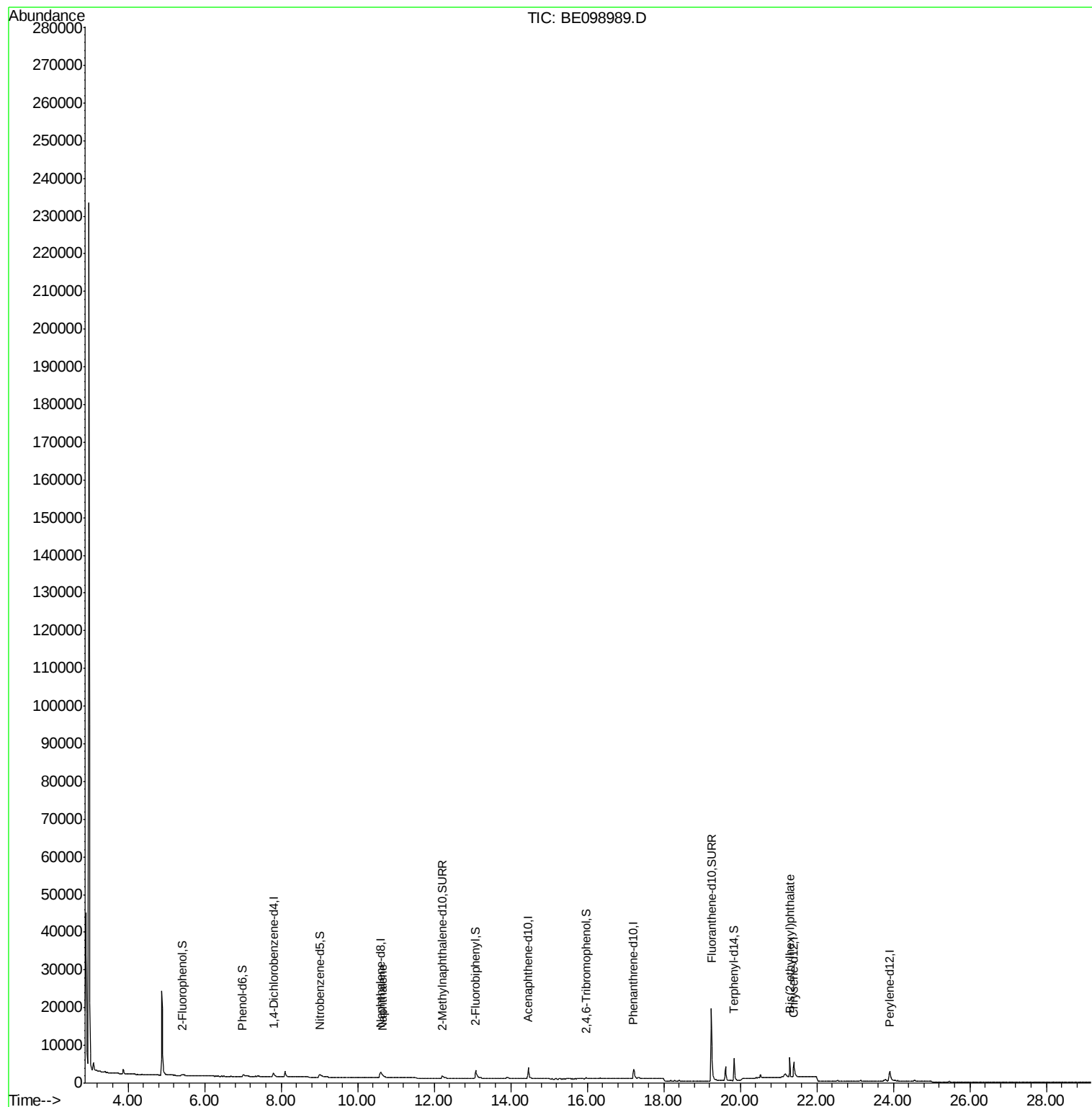
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	780	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3258	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2324	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5265	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6570	0.40	ng	0.00
34) Perylene-d12	23.90	264	5717	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	299	0.13	ng	0.03
5) Phenol-d6	6.99	99	291	0.09	ng	0.00
8) Nitrobenzene-d5	9.00	82	1272	0.37	ng	0.04
11) 2-Methylnaphthalene-d10	12.21	152	2477	0.41	ng	0.02
14) 2,4,6-Tribromophenol	15.97	330	312	0.27	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4138	0.43	ng	0.00
25) Fluoranthene-d10	19.24	212	35637	0.42	ng	0.00
29) Terphenyl-d14	19.84	244	7096	0.44	ng	0.00
Target Compounds						
9) Naphthalene	10.65	128	1564	0.042	ng	# 78
32) Bis(2-ethylhexyl)phthalate	21.29	149	5570	0.128	ng	# 99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.80 min Scan# 428

Delta R.T. 0.00 min

Lab File: BE098989.D

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Instrument :

BNA_E

ClientSampleId :

M3-T2-UV(POST)

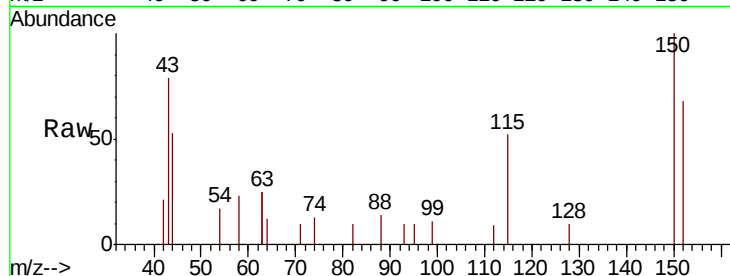
Tot Ion:152 Resp: 780

Ion Ratio Lower Upper

152 100

150 147.1 122.5 183.7

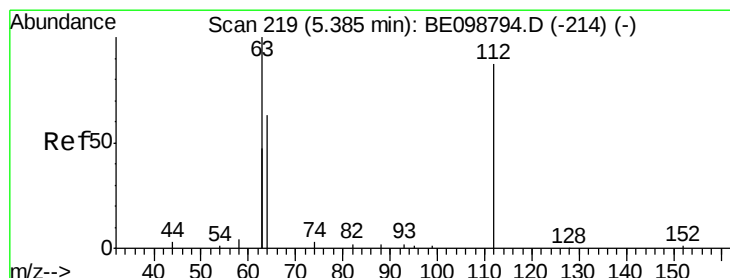
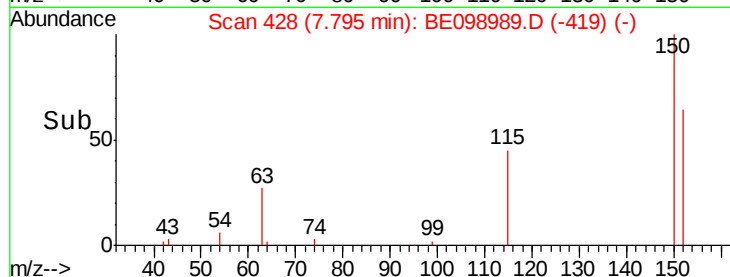
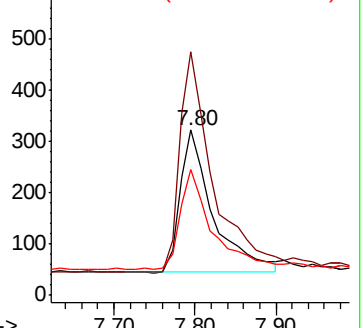
115 75.9 57.4 86.2



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



#4

2-Fluorophenol

Concen: 0.128 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.03 min

Lab File: BE098989.D

Acq: 16 Mar 2019 4:18

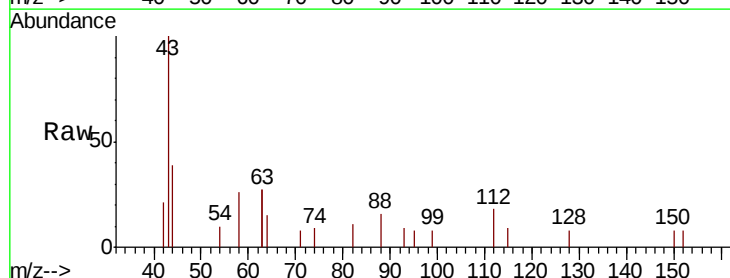
Tgt Ion:112 Resp: 299

Ion Ratio Lower Upper

112 100

64 94.3 57.9 86.9#

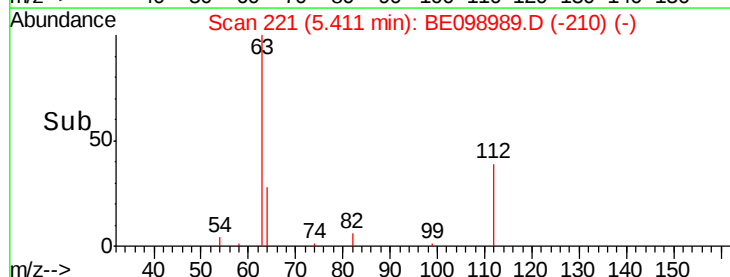
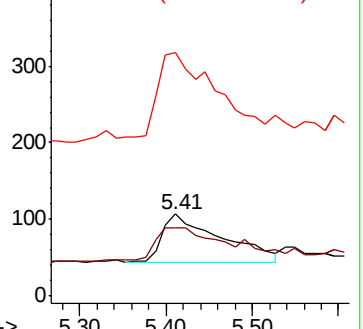
63 170.2 158.3 237.5

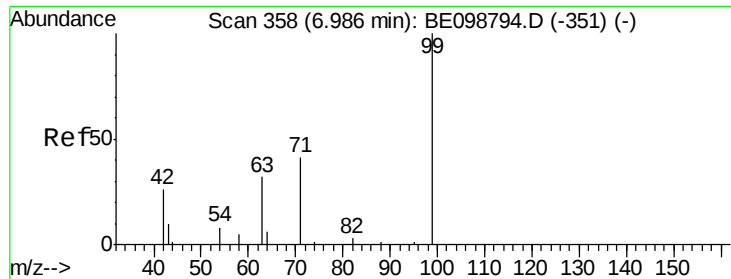


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.088 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE098989.D

Acq: 16 Mar 2019 4:18

Instrument :

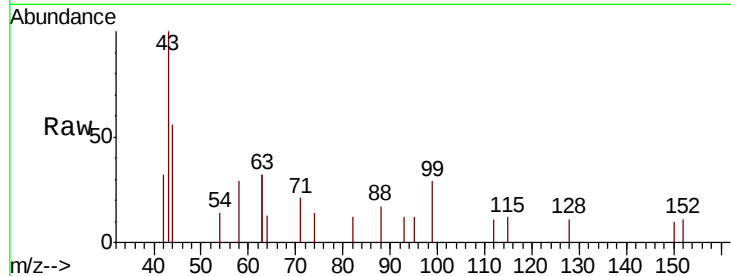
BNA_E

ClientSampleId :

M3-T2-UV(POST)

Tot Ion: 99 Resp: 291

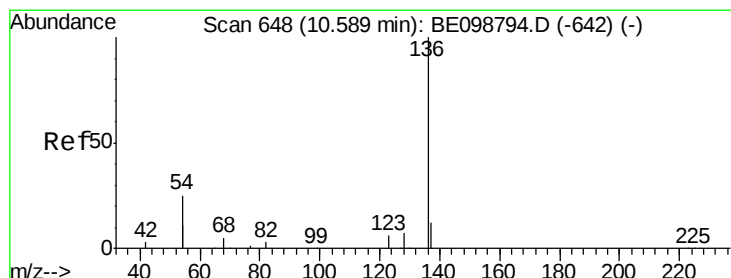
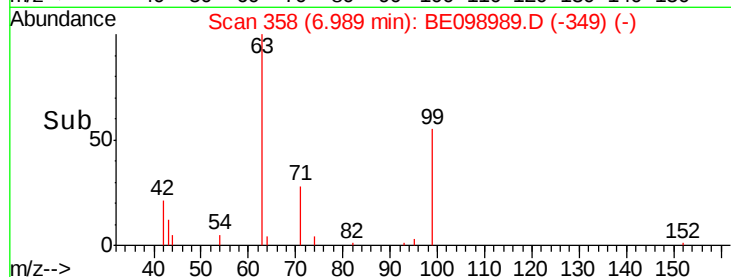
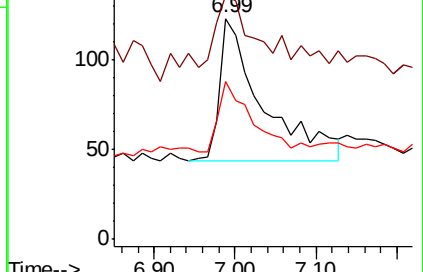
Ion	Ratio	Lower	Upper
99	100		
42	64.9	24.2	36.2#
71	38.8	35.7	53.5



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

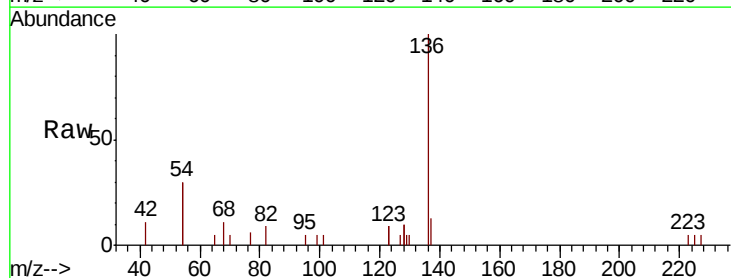
Delta R.T. 0.01 min

Lab File: BE098989.D

Acq: 16 Mar 2019 4:18

Tgt Ion: 136 Resp: 3258

Ion	Ratio	Lower	Upper
136	100		
137	13.4	11.4	17.0
54	59.4	39.3	58.9#
68	10.7	6.7	10.1#

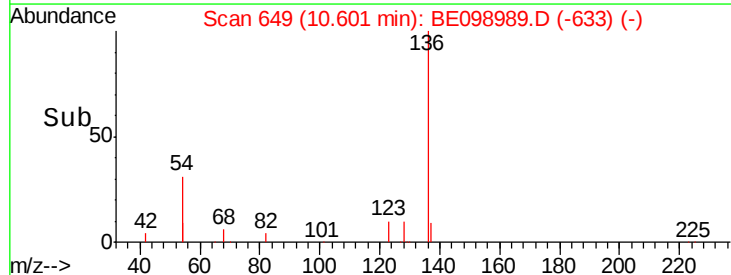
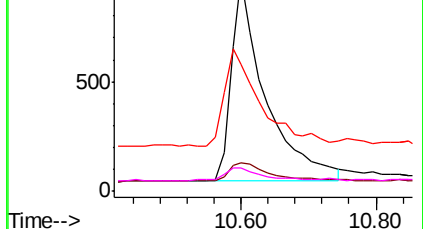


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.372 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.04 min

Lab File: BE098989.D

Acq: 16 Mar 2019 4:18

Instrument :

BNA_E

ClientSampleId :

M3-T2-UV(POST)

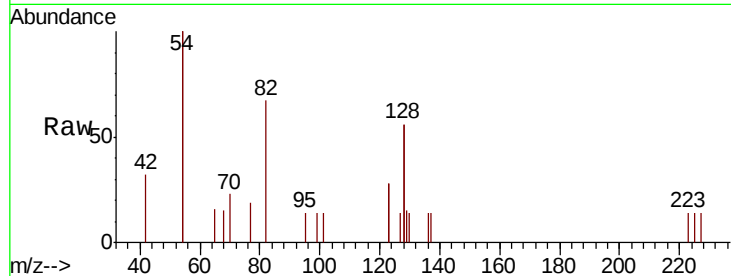
Tot Ion: 82 Resp: 1272

Ion Ratio Lower Upper

82 100

128 166.7 123.8 185.8

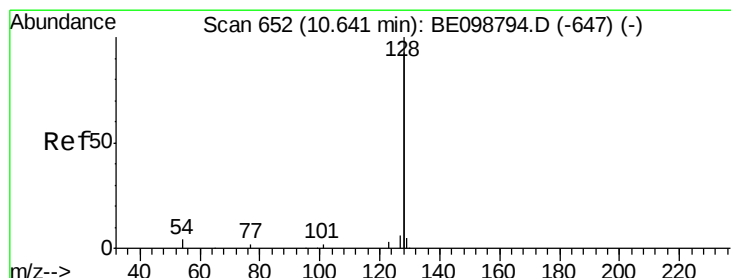
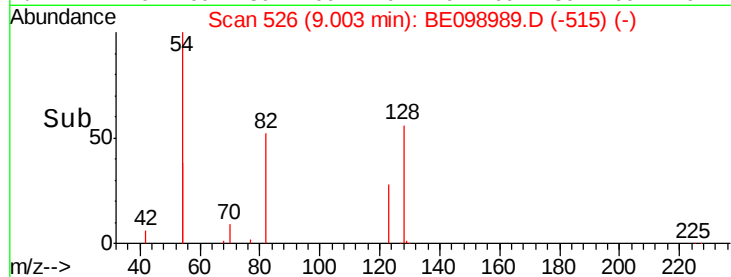
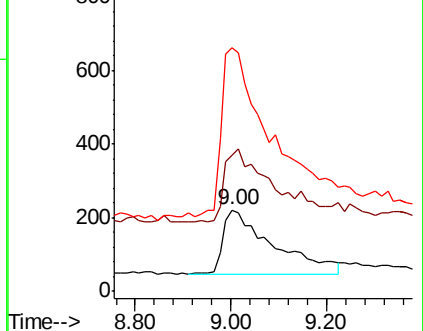
54 298.2 203.4 305.2



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



#9

Naphthalene

Concen: 0.042 ng

RT: 10.65 min Scan# 653

Delta R.T. 0.01 min

Lab File: BE098989.D

Acq: 16 Mar 2019 4:18

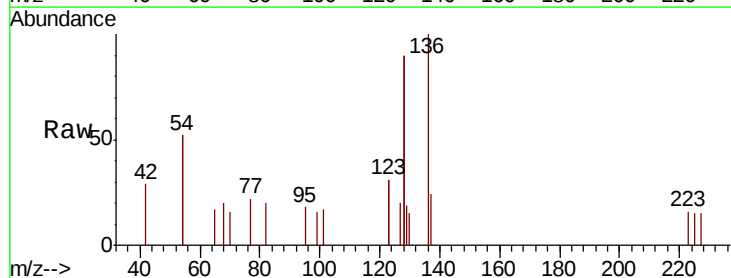
Tgt Ion:128 Resp: 1564

Ion Ratio Lower Upper

128 100

129 10.3 2.6 4.0#

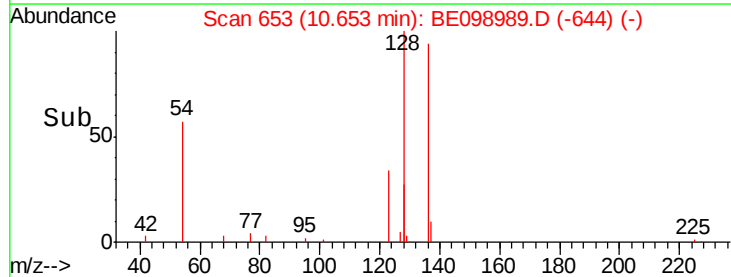
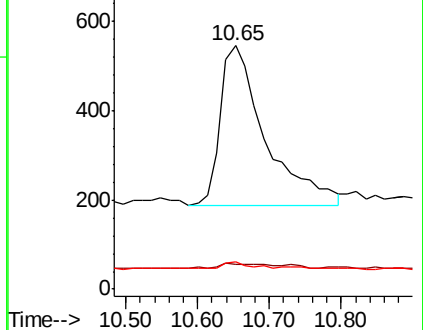
127 11.2 3.1 4.7#

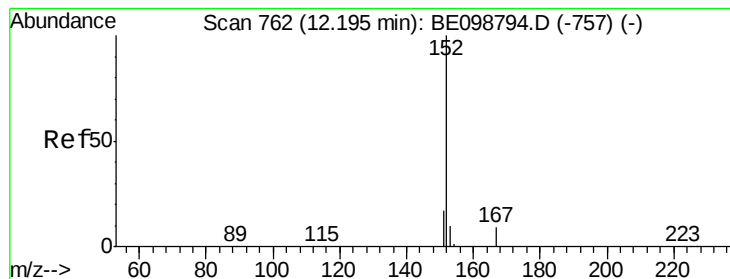


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

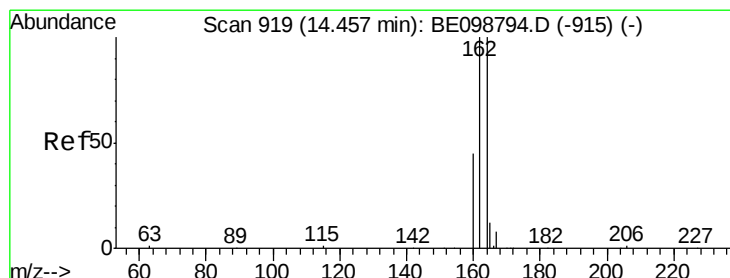
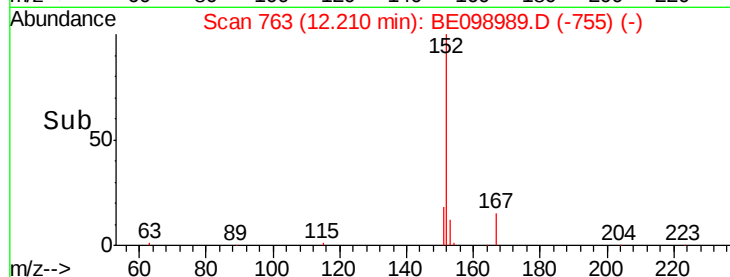
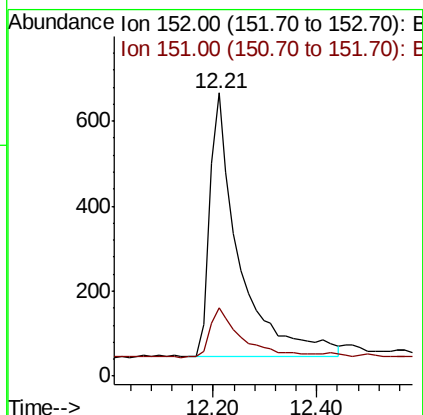
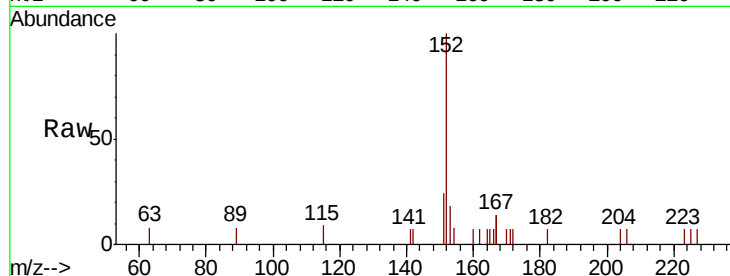




#11
 2-Methylnaphthalene-d10
 Concen: 0.411 ng
 RT: 12.21 min Scan# 763
 Delta R.T. 0.02 min
 Lab File: BE098989.D
 Acq: 16 Mar 2019 4:18

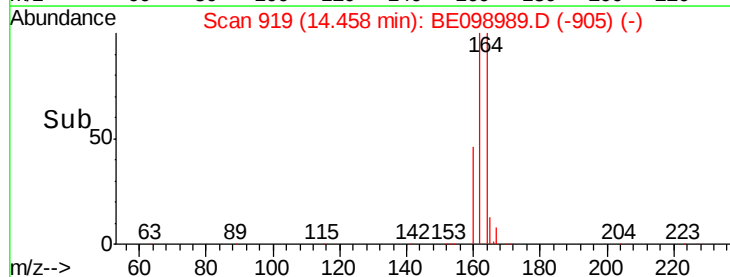
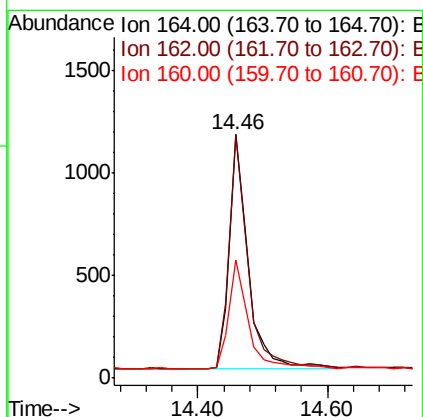
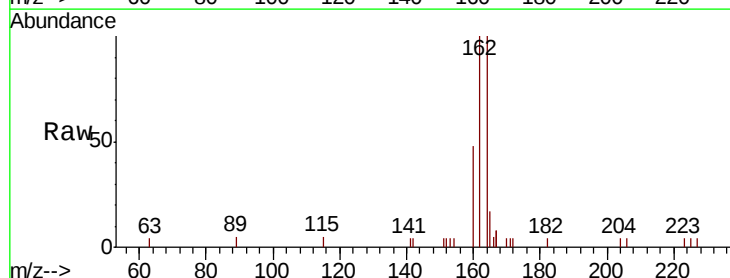
Instrument :
 BNA_E
 ClientSampleId :
 M3-T2-UV(POST)

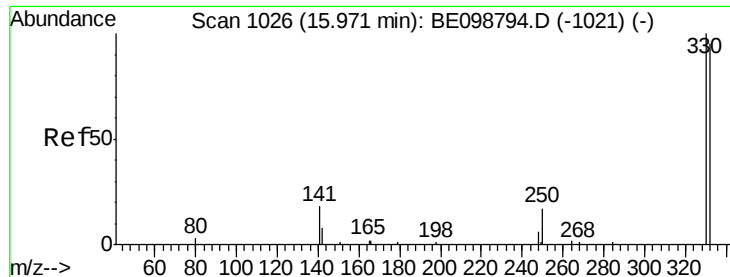
Tot Ion:152 Resp: 2477
 Ion Ratio Lower Upper
 152 100
 151 20.1 16.5 24.7



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: BE098989.D
 Acq: 16 Mar 2019 4:18

Tgt Ion:164 Resp: 2324
 Ion Ratio Lower Upper
 164 100
 162 100.1 80.2 120.2
 160 48.5 37.8 56.8

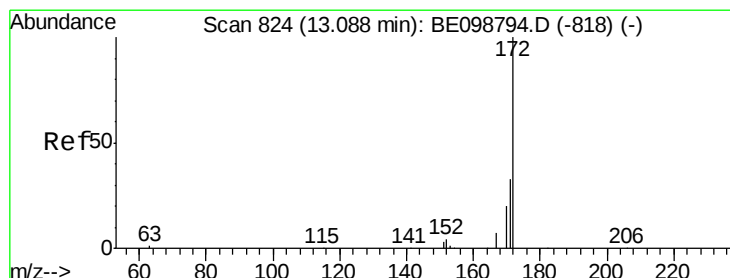
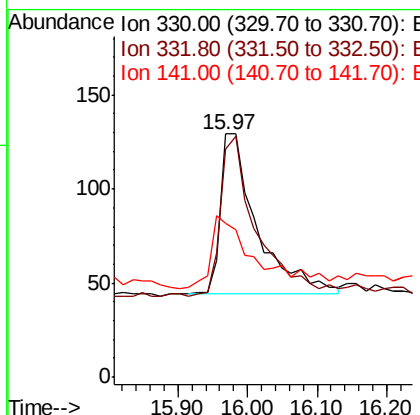
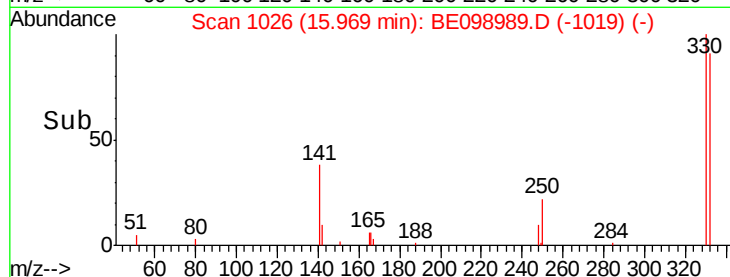
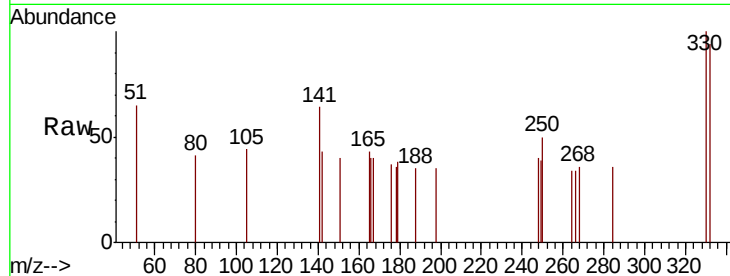




#14
 2,4,6-Tribromophenol
 Concen: 0.266 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE098989.D
 Acq: 16 Mar 2019 4:18

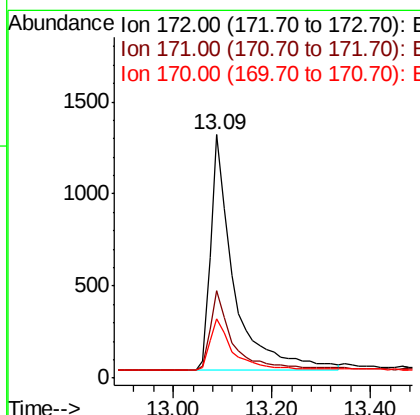
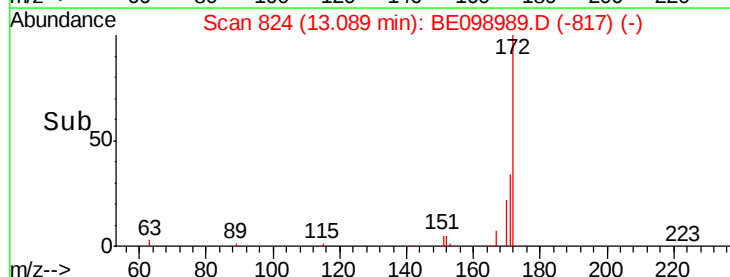
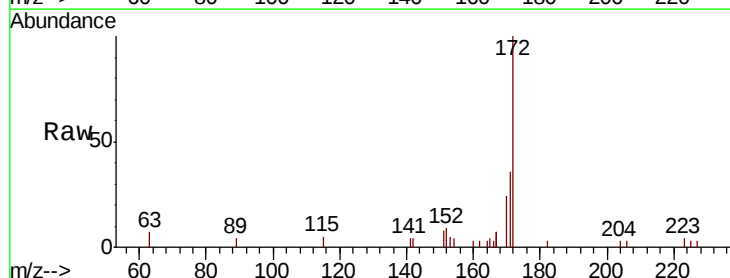
Instrument :
 BNA_E
 ClientSampleId :
 M3-T2-UV(POST)

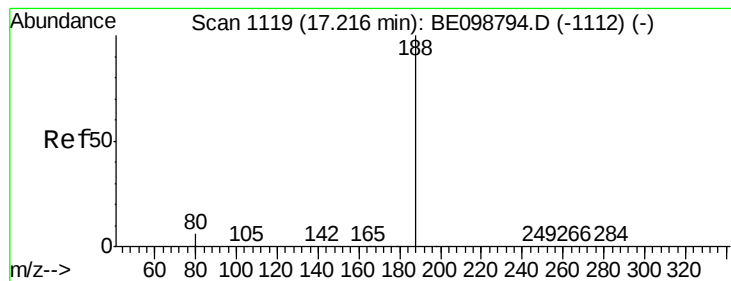
Tot Ion:330 Resp: 312
 Ion Ratio Lower Upper
 330 100
 332 98.7 77.6 116.4
 141 0.0 31.0 46.4#



#15
 2-Fluorobiphenyl
 Concen: 0.430 ng
 RT: 13.09 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BE098989.D
 Acq: 16 Mar 2019 4:18

Tgt Ion:172 Resp: 4138
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.0 42.0
 170 24.2 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: BE098989.D

Acq: 16 Mar 2019 4:18

Instrument :

BNA_E

ClientSampleId :

M3-T2-UV(POST)

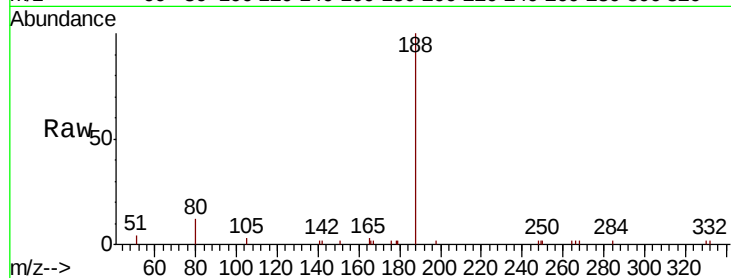
Tot Ion:188 Resp: 5265

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

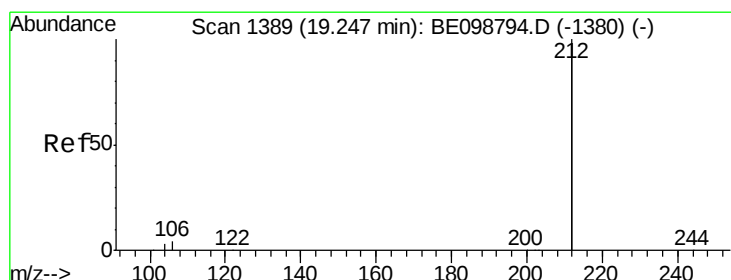
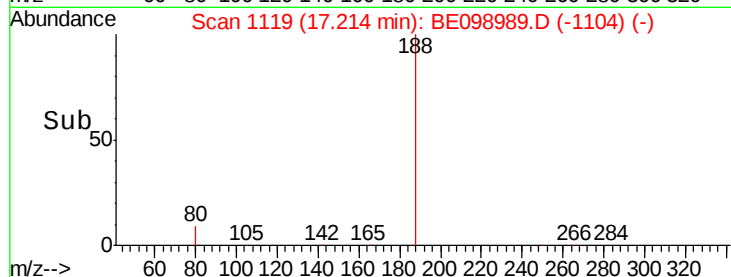
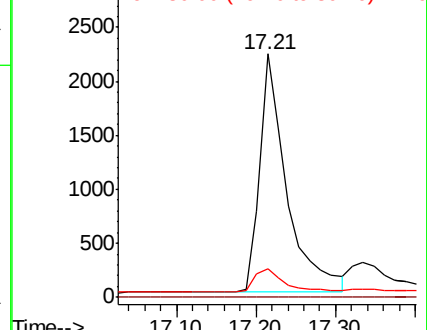
80 11.5 6.3 9.5#



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



#25

Fluoranthene-d10

Concen: 0.424 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BE098989.D

Acq: 16 Mar 2019 4:18

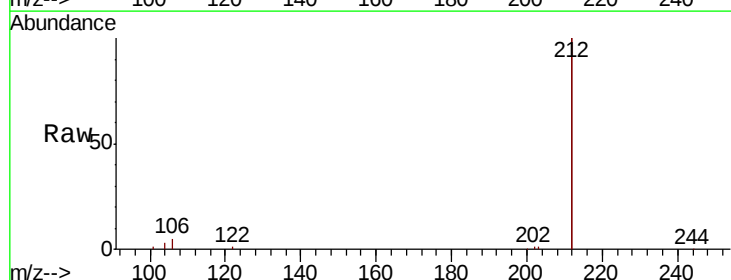
Tgt Ion:212 Resp: 35637

Ion Ratio Lower Upper

212 100

106 2.4 1.8 2.8

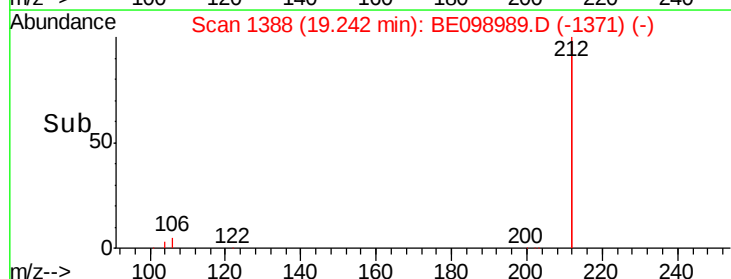
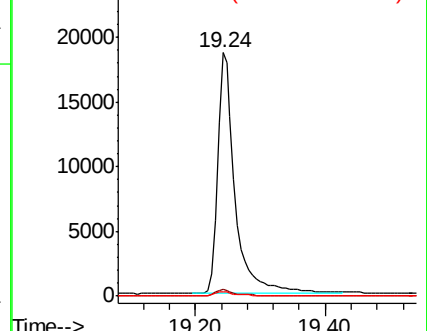
104 1.4 1.0 1.6



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

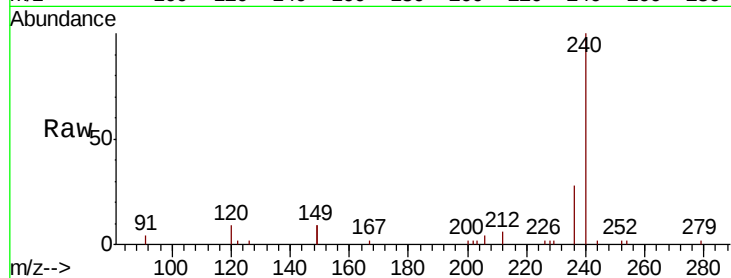




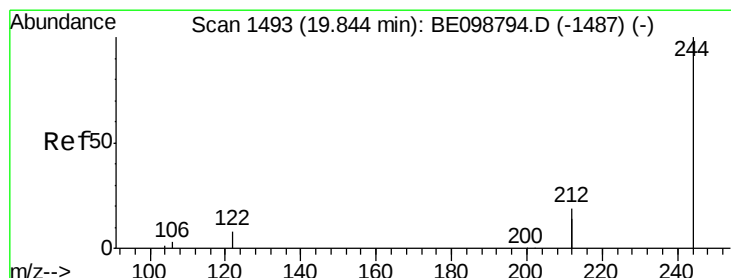
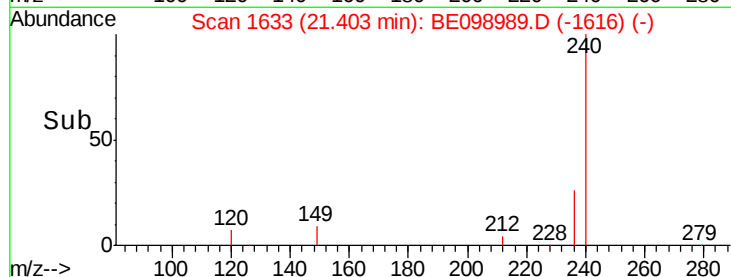
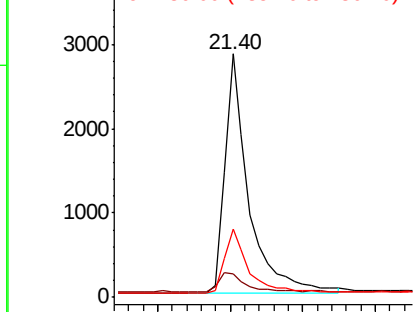
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: BE098989.D
 Acq: 16 Mar 2019 4:18

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

Tot Ion:240 Resp: 6570
 Ion Ratio Lower Upper
 240 100
 120 9.4 5.0 7.4#
 236 28.1 22.7 34.1

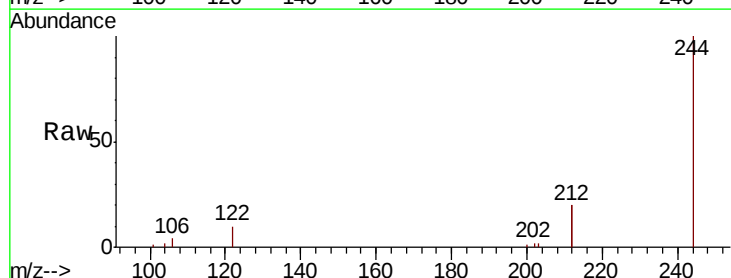


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

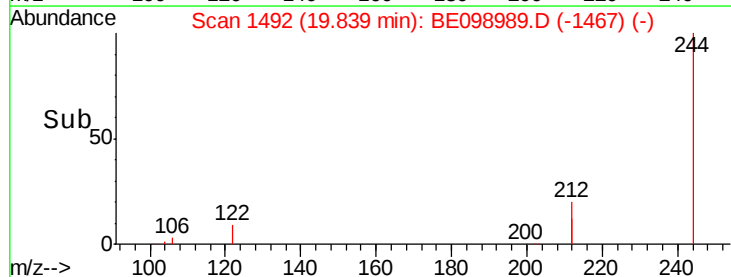
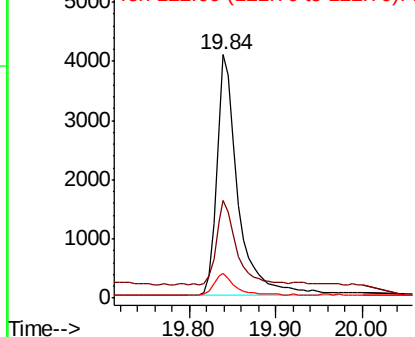


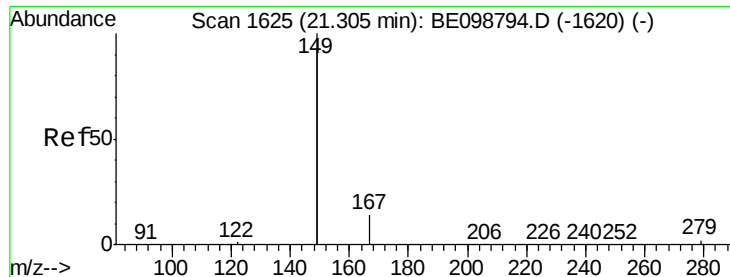
#29
 Terphenyl-d14
 Concen: 0.444 ng
 RT: 19.84 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: BE098989.D
 Acq: 16 Mar 2019 4:18

Tgt Ion:244 Resp: 7096
 Ion Ratio Lower Upper
 244 100
 212 40.0 29.4 44.2
 122 10.0 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

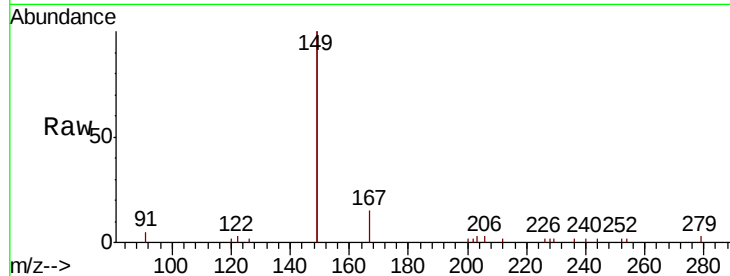




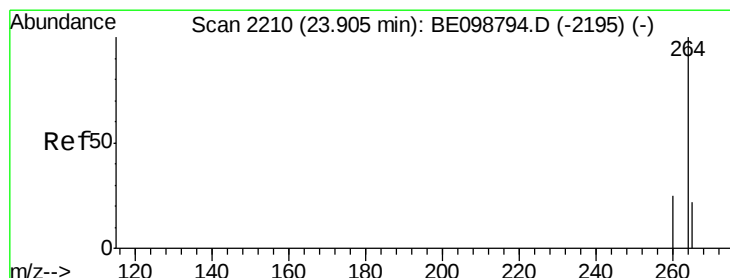
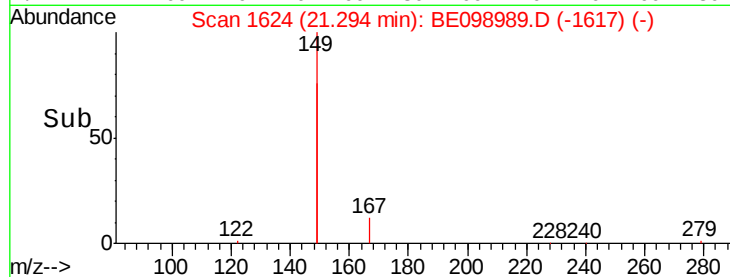
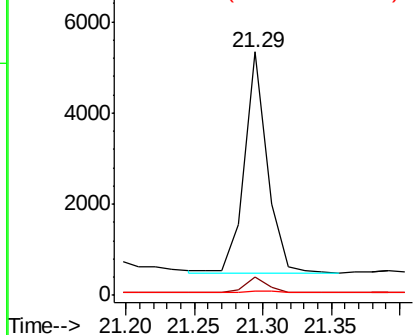
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.128 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BE098989.D
 Acq: 16 Mar 2019 4:18

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

Tot Ion:149 Resp: 5570
 Ion Ratio Lower Upper
 149 100
 167 7.1 5.4 8.0
 279 1.5 1.0 1.4#

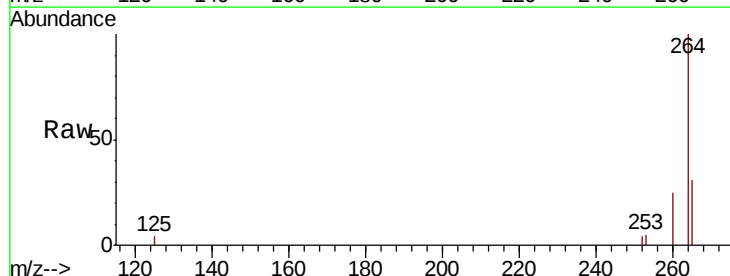


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.90 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: BE098989.D
 Acq: 16 Mar 2019 4:18

Tgt Ion:264 Resp: 5717
 Ion Ratio Lower Upper
 264 100
 260 25.5 21.2 31.8
 265 31.3 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

