

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011719\
 Data File : BE098655.D
 Acq On : 17 Jan 2019 20:14
 Operator : SJ/JU
 Sample : K1174-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DUP

Quant Time: Jan 18 01:57:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE011519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 15 14:30:55 2019
 Response via : Initial Calibration

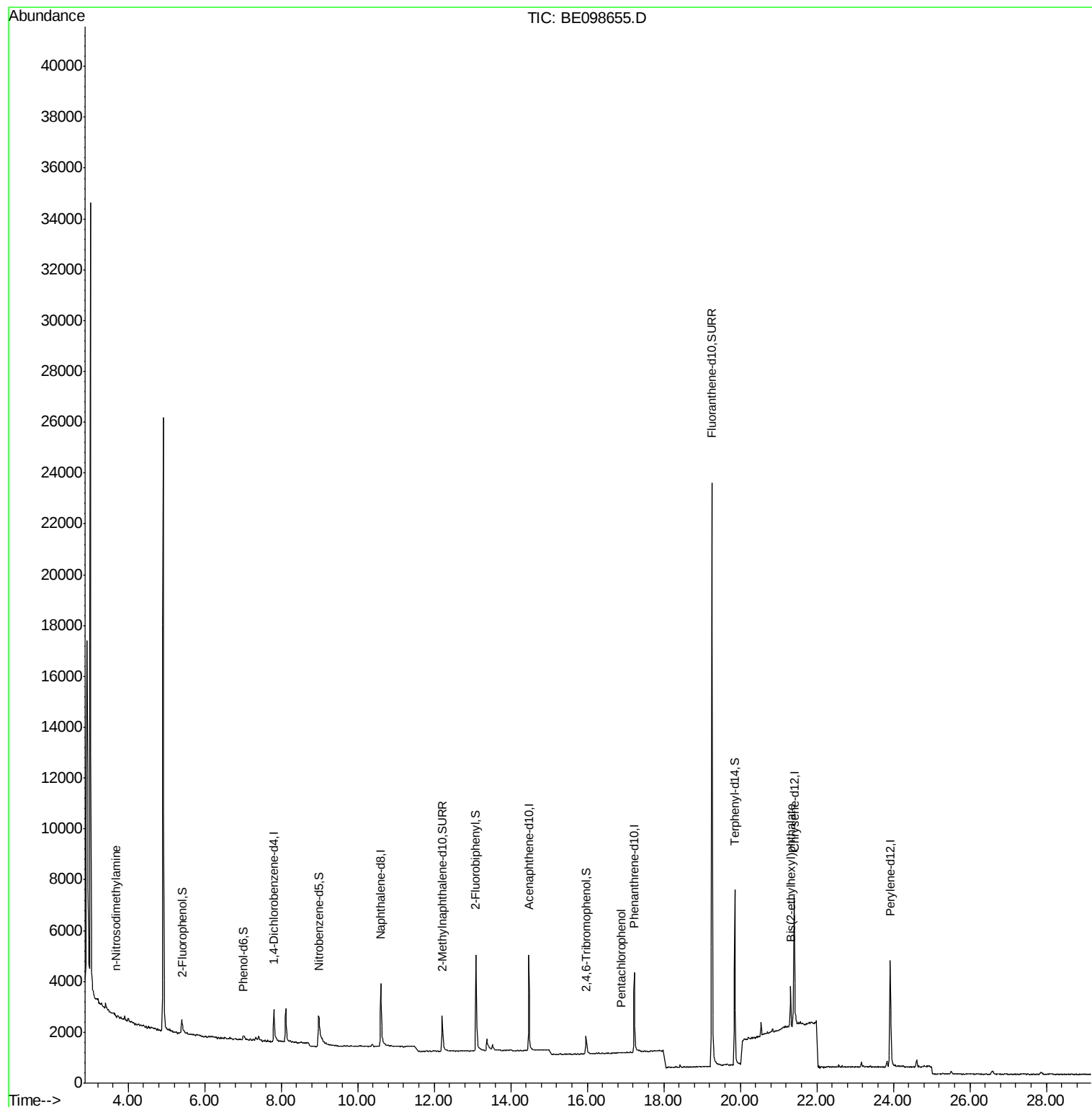
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	824	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3497	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2451	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	5893	0.40	ng	0.00
27) Chrysene-d12	21.41	240	6898	0.40	ng	0.00
34) Perylene-d12	23.92	264	6711	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	385	0.18	ng	0.01
5) Phenol-d6	7.01	99	308	0.10	ng	0.01
8) Nitrobenzene-d5	8.98	82	1113	0.40	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	2465	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	515	0.48	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4939	0.49	ng	0.00
25) Fluoranthene-d10	19.26	212	33397	0.46	ng	0.00
29) Terphenyl-d14	19.86	244	6881	0.45	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.31	88	41	Below Cal	#	11
3) n-Nitrosodimethylamine	3.68	42	12	0.134 ng	#	13
22) Pentachlorophenol	16.89	266	15	0.213 ng	#	72
32) Bis(2-ethylhexyl)phthalate	21.32	149	2160	0.055 ng	#	97

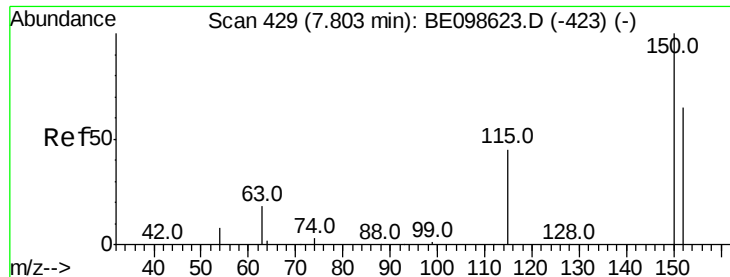
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.80 min Scan# 429

Delta R.T. -0.00 min

Lab File: BE098655.D

Acq: 17 Jan 2019 20:14

Instrument :

BNA_E

ClientSampleId :

DUP

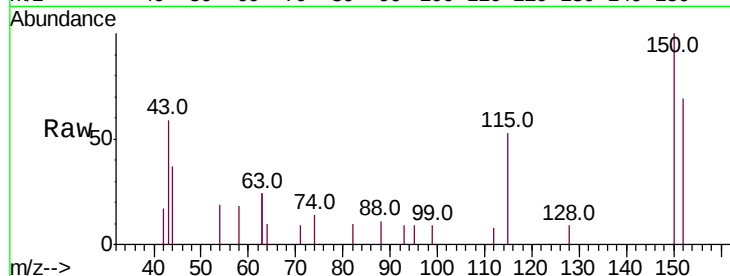
Tot Ion:152 Resp: 824

Ion Ratio Lower Upper

152 100

150 145.3 121.4 182.2

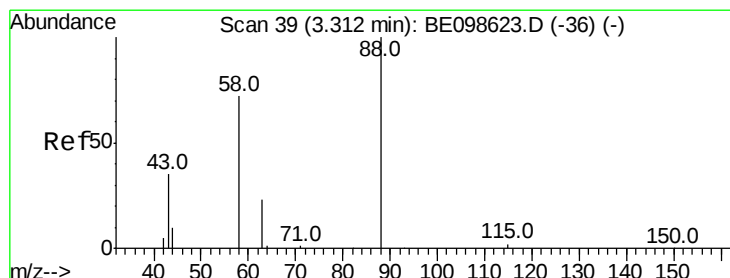
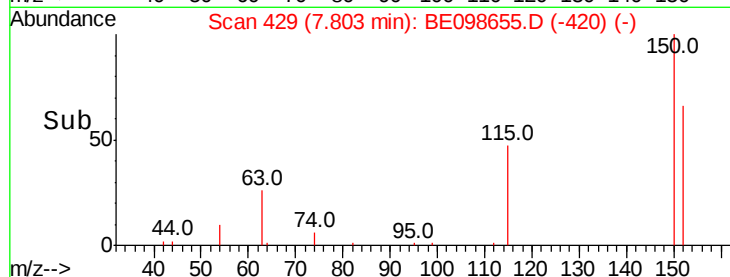
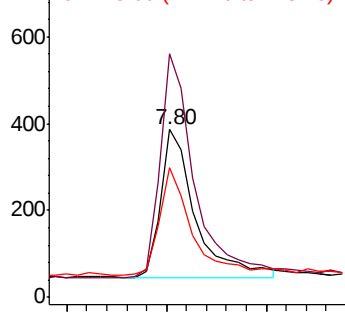
115 77.5 59.1 88.7



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: Below Cal

RT: 3.31 min Scan# 39

Delta R.T. 0.00 min

Lab File: BE098655.D

Acq: 17 Jan 2019 20:14

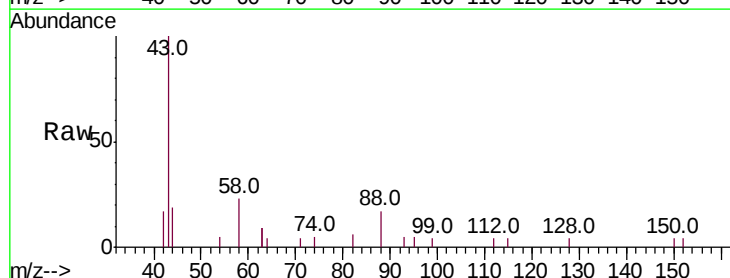
Tgt Ion: 88 Resp: 41

Ion Ratio Lower Upper

88 100

58 0.0 73.9 110.9#

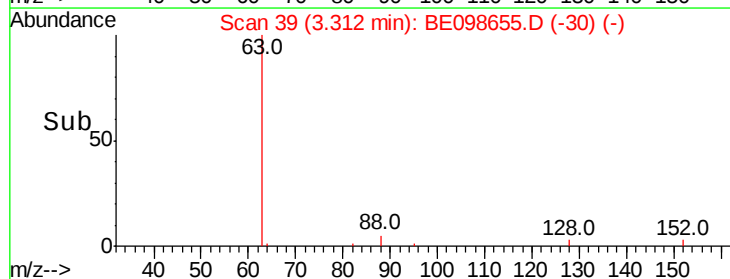
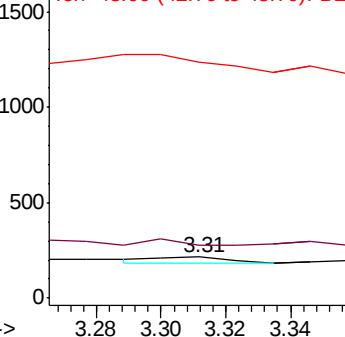
43 0.0 43.7 65.5#

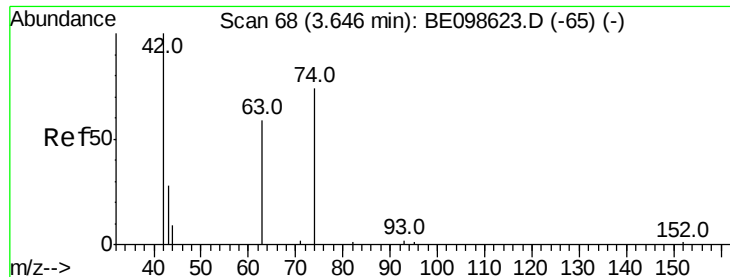


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.134 ng

RT: 3.68 min Scan# 71

Delta R.T. 0.04 min

Lab File: BE098655.D

Acq: 17 Jan 2019 20:14

Instrument :

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DUP

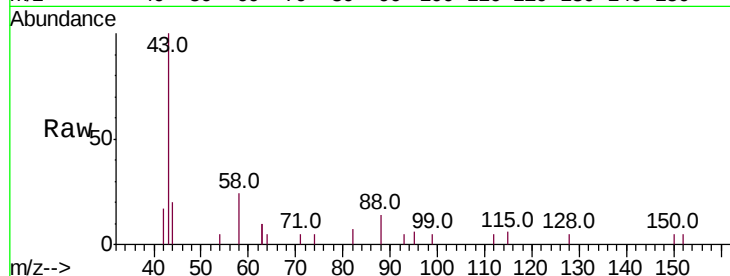
Tot Ion: 42 Resp: 12

Ion Ratio Lower Upper

42 100

74 0.0 58.9 88.3#

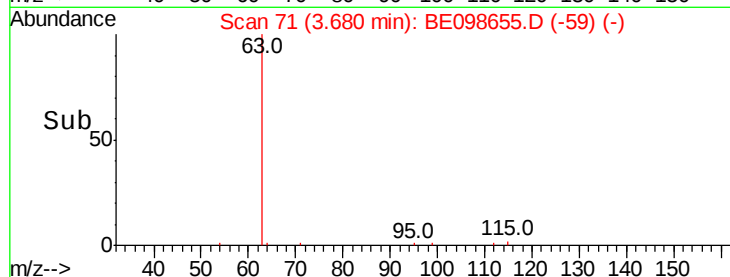
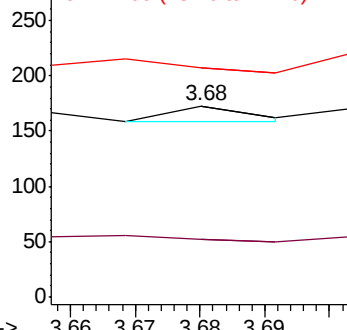
44 0.0 0.0 0.0



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: 0.175 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.01 min

Lab File: BE098655.D

Acq: 17 Jan 2019 20:14

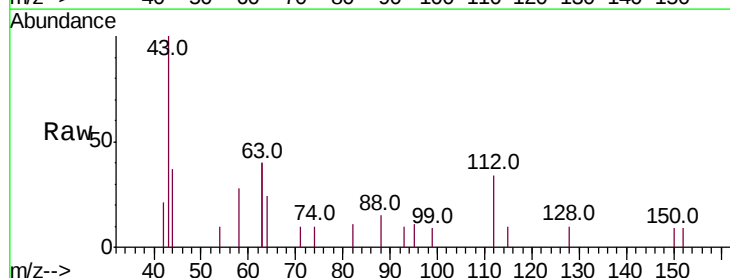
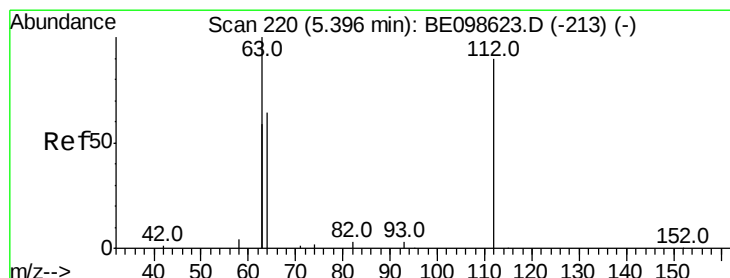
Tgt Ion: 112 Resp: 385

Ion Ratio Lower Upper

112 100

64 80.8 62.9 94.3

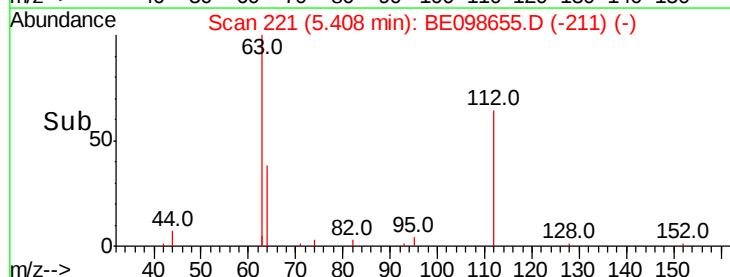
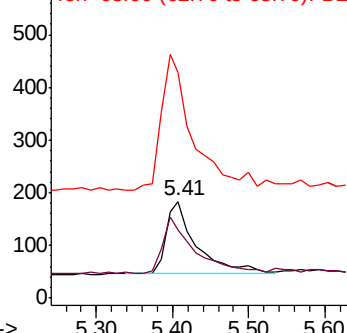
63 203.9 152.2 228.4

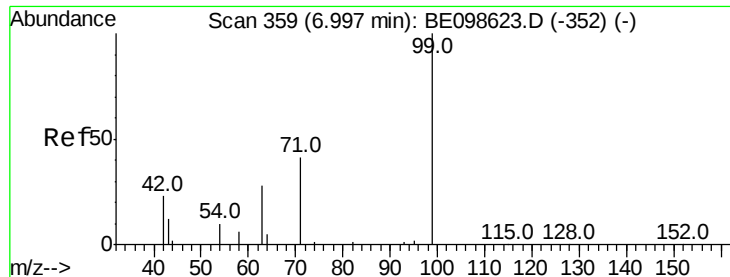


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.098 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.01 min

Lab File: BE098655.D

Acq: 17 Jan 2019 20:14

Instrument :

BNA_E

ClientSampleId :

DUP

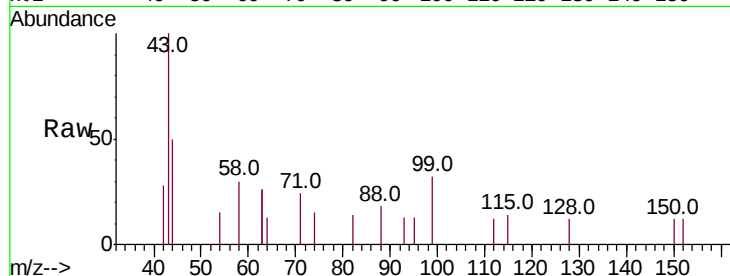
Tot Ion: 99 Resp: 308

Ion Ratio Lower Upper

99 100

42 28.6 24.6 37.0

71 57.1 35.1 52.7#



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

7.01

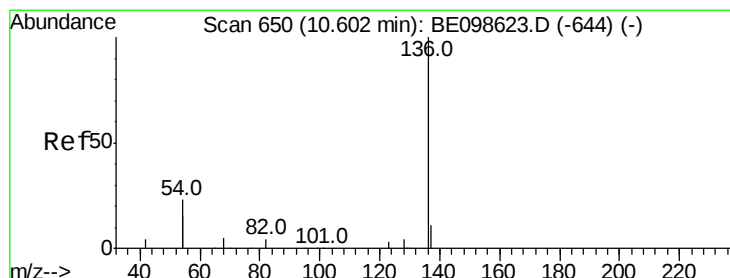
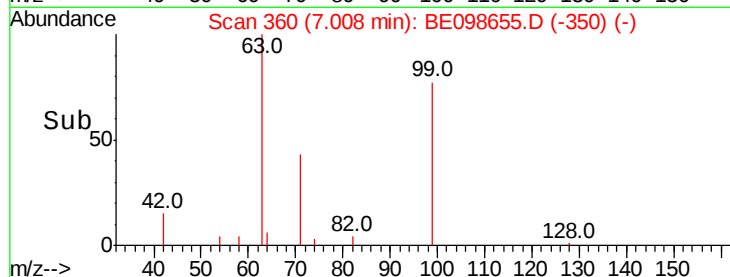
100

50

0

6.90 7.00 7.10 7.20

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 650

Delta R.T. -0.00 min

Lab File: BE098655.D

Acq: 17 Jan 2019 20:14

Tgt Ion: 136 Resp: 3497

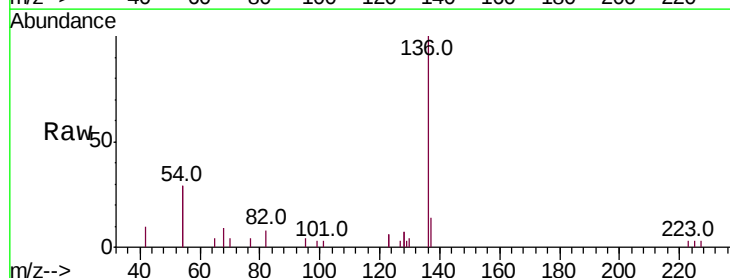
Ion Ratio Lower Upper

136 100

137 13.8 9.7 14.5

54 58.7 35.5 53.3#

68 8.9 5.0 7.6#



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

1500

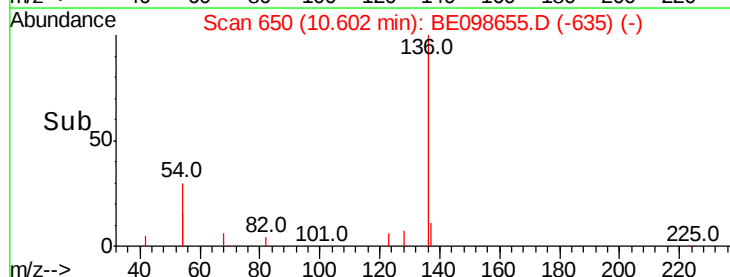
1000

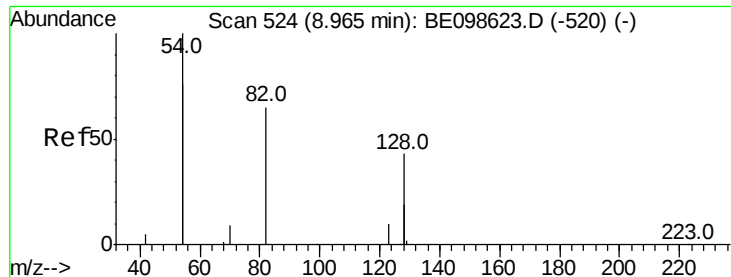
500

0

10.50 10.60 10.70 10.80

Time-->

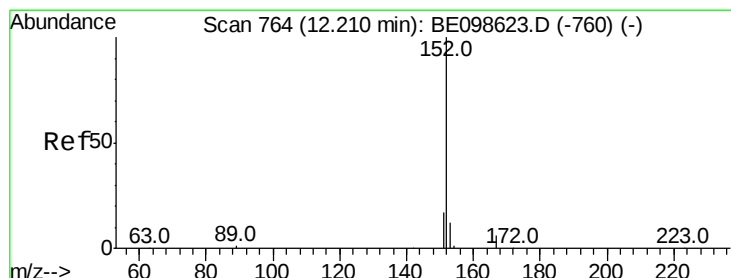
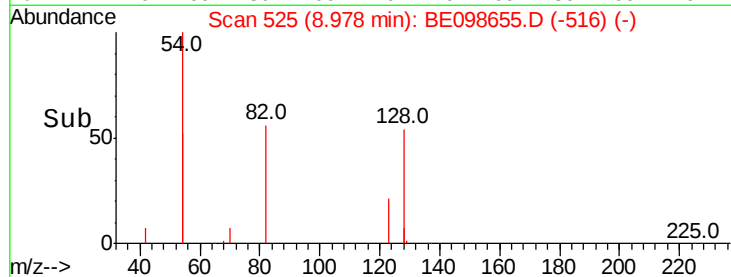
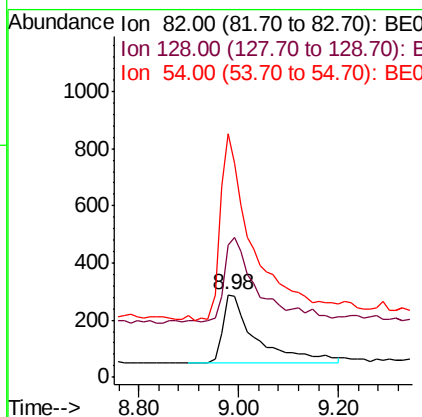
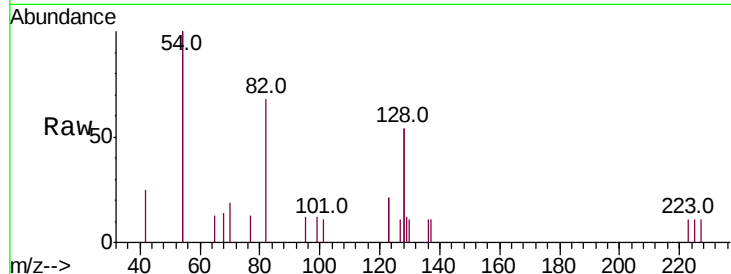




#8
 Nitrobenzene-d5
 Concen: 0.401 ng
 RT: 8.98 min Scan# 525
 Delta R.T. 0.01 min
 Lab File: BE098655.D
 Acq: 17 Jan 2019 20:14

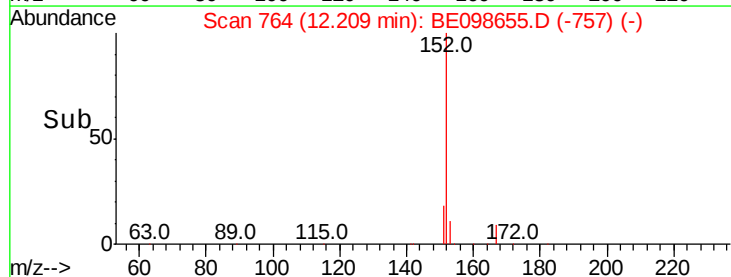
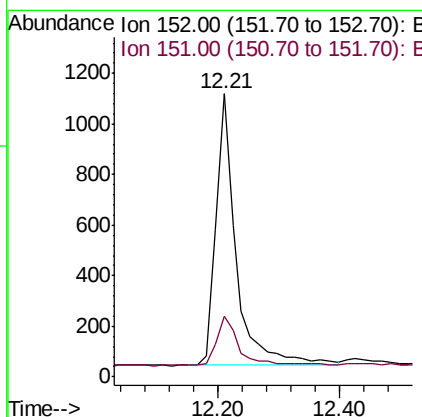
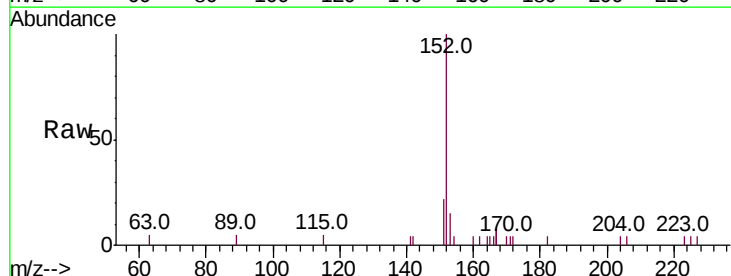
Instrument :
 BNA_E
 ClientSampleId :
 DUP

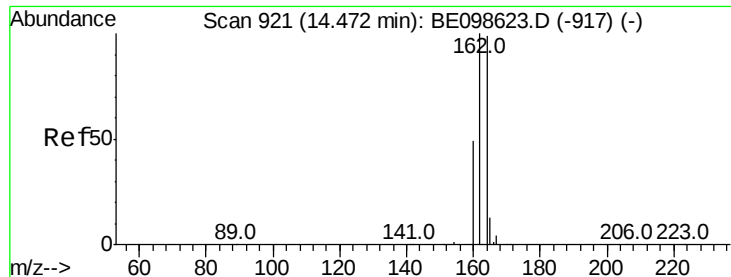
Tot Ion: 82 Resp: 1113
 Ion Ratio Lower Upper
 82 100
 128 159.3 96.5 144.7#
 54 293.8 224.7 337.1



#11
 2-Methylnaphthalene-d10
 Concen: 0.428 ng
 RT: 12.21 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BE098655.D
 Acq: 17 Jan 2019 20:14

Tgt Ion: 152 Resp: 2465
 Ion Ratio Lower Upper
 152 100
 151 19.7 16.2 24.4

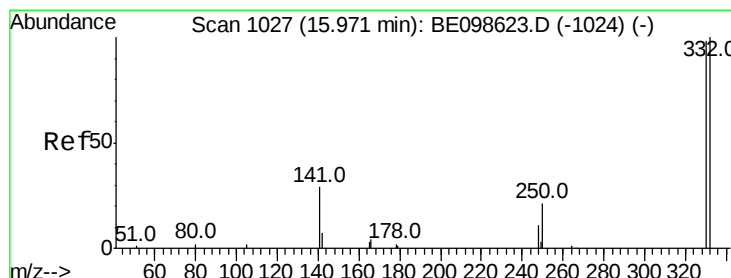
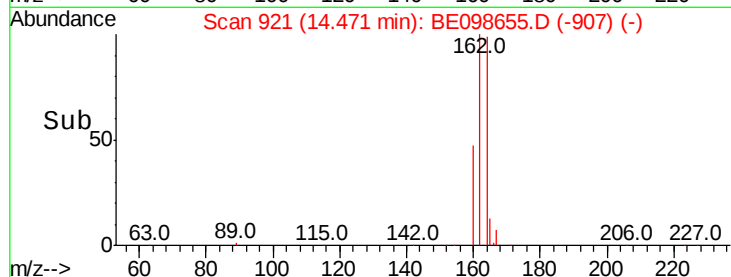
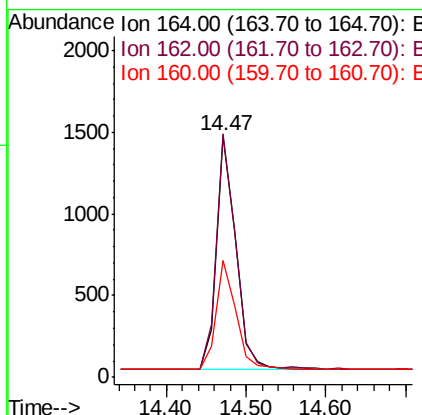
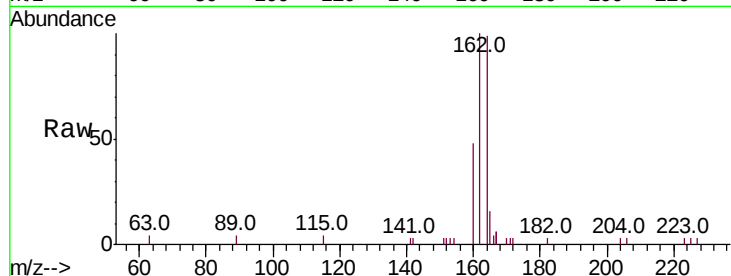




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE098655.D
Acq: 17 Jan 2019 20:14

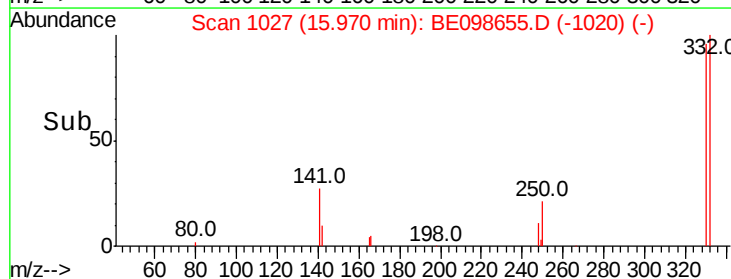
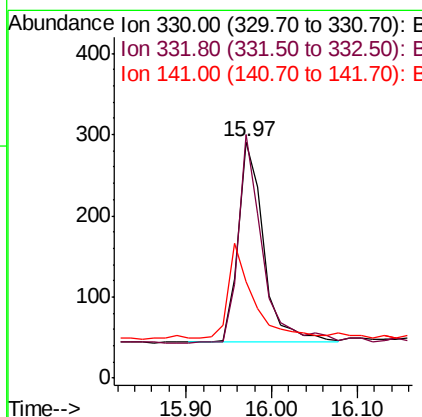
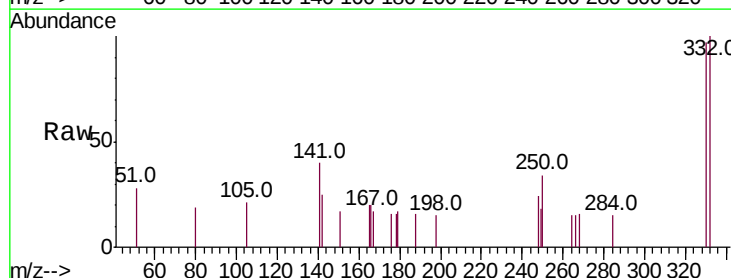
Instrument :
BNA_E
ClientSampleId :
DUP

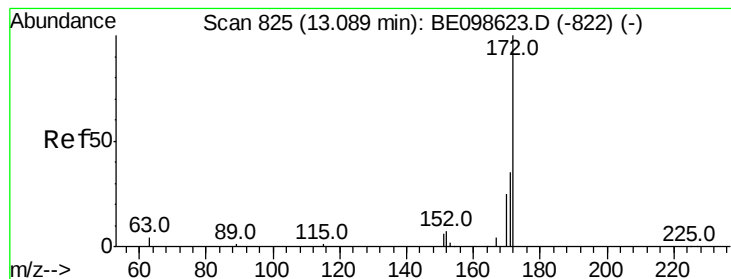
Tot Ion:164 Resp: 2451
Ion Ratio Lower Upper
164 100
162 100.8 80.5 120.7
160 48.5 40.1 60.1



#14
2,4,6-Tribromophenol
Concen: 0.483 ng
RT: 15.97 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE098655.D
Acq: 17 Jan 2019 20:14

Tgt Ion:330 Resp: 515
Ion Ratio Lower Upper
330 100
332 100.4 73.3 109.9
141 45.6 33.1 49.7

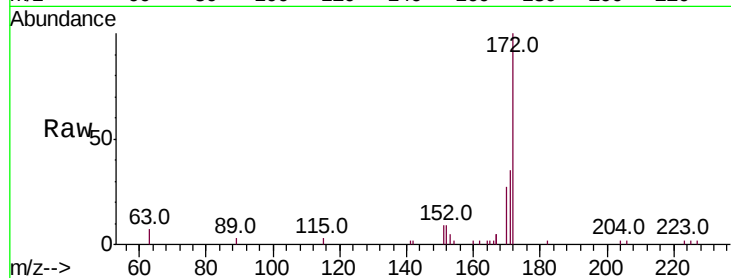




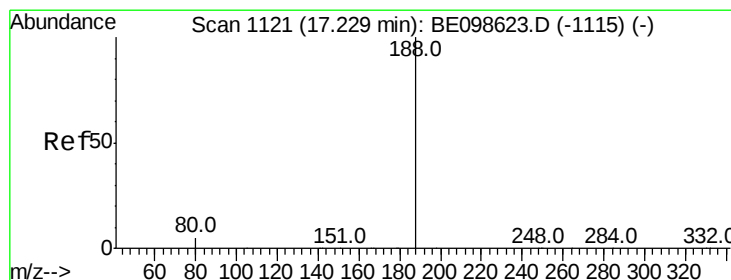
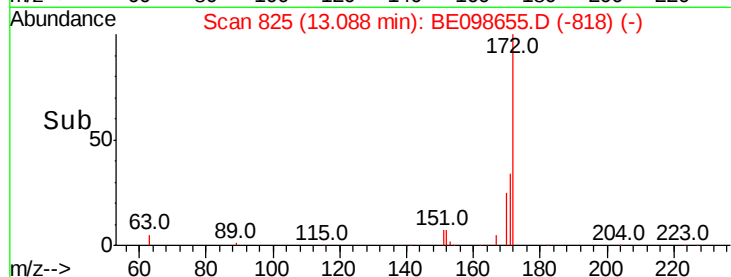
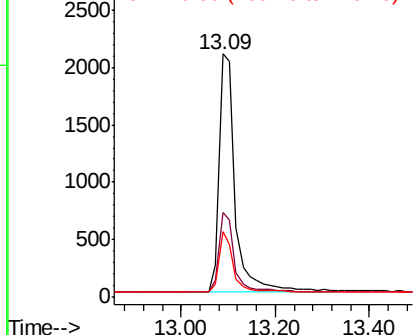
#15
2-Fluorobiphenyl
Concen: 0.492 ng
RT: 13.09 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE098655.D
Acq: 17 Jan 2019 20:14

Instrument :
BNA_E
ClientSampled :
DUP

Tot Ion:172 Resp: 4939
Ion Ratio Lower Upper
172 100
171 34.9 29.0 43.4
170 27.0 20.8 31.2

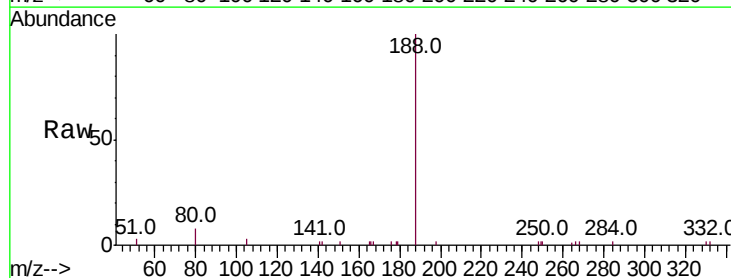


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

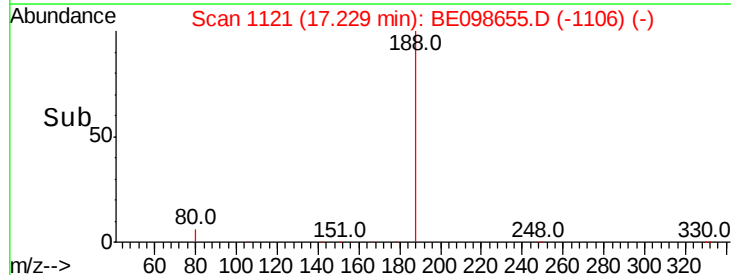
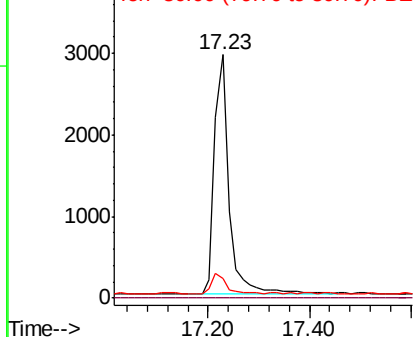


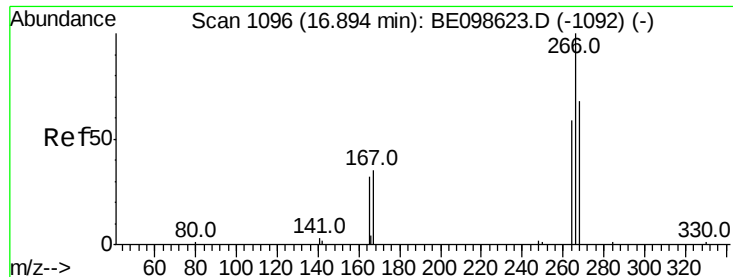
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BE098655.D
Acq: 17 Jan 2019 20:14

Tgt Ion:188 Resp: 5893
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.8 4.7 7.1#



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

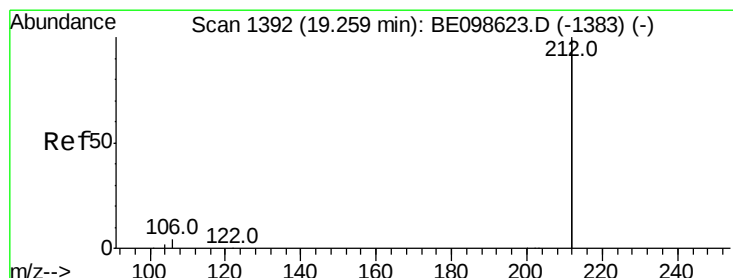
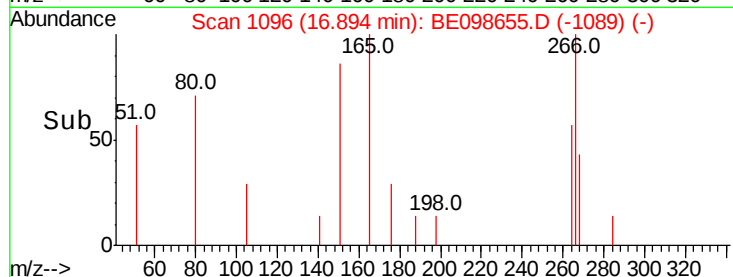
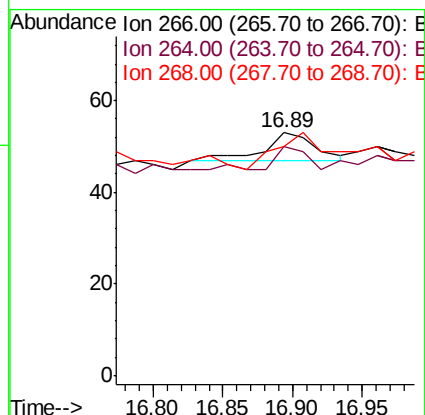
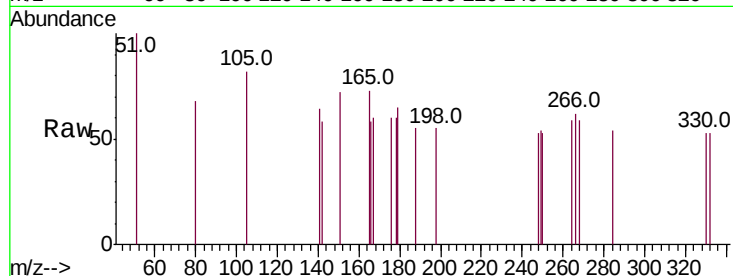




#22
 Pentachlorophenol
 Concen: 0.213 ng
 RT: 16.89 min Scan# 1096
 Delta R.T. -0.00 min
 Lab File: BE098655.D
 Acq: 17 Jan 2019 20:14

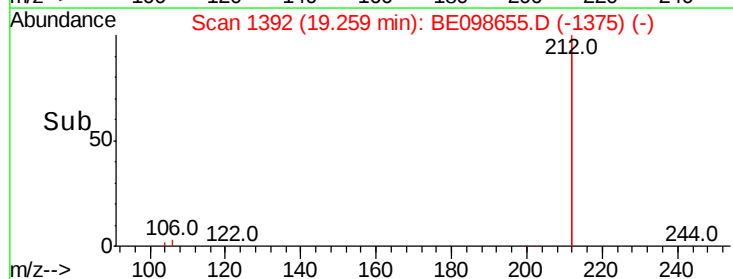
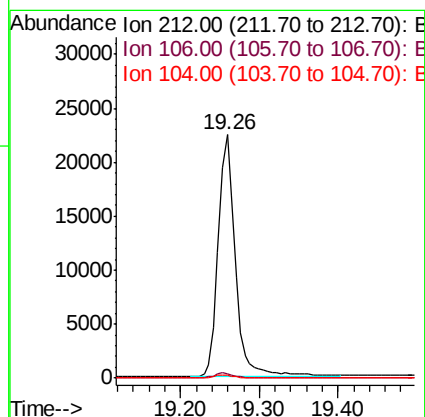
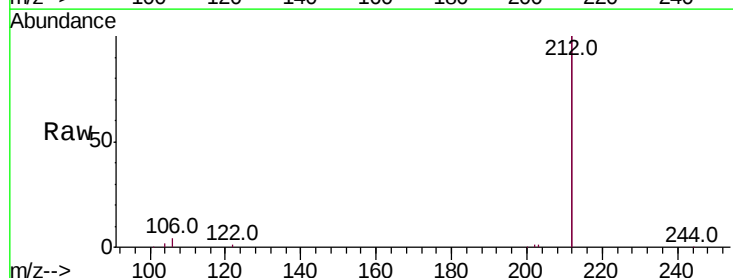
Instrument :
 BNA_E
 ClientSampleId :
 DUP

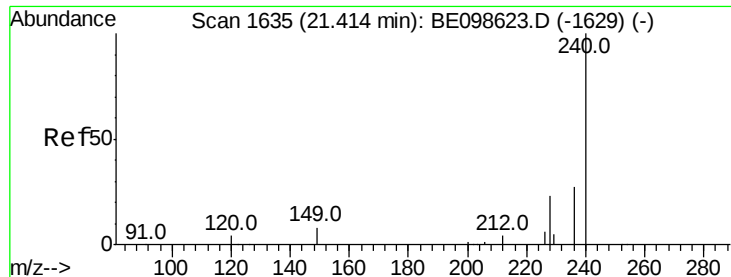
Tot Ion:266 Resp: 15
 Ion Ratio Lower Upper
 266 100
 264 94.3 53.7 80.5#
 268 94.3 59.8 89.8#



#25
 Fluoranthene-d10
 Concen: 0.458 ng
 RT: 19.26 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: BE098655.D
 Acq: 17 Jan 2019 20:14

Tgt Ion:212 Resp: 33397
 Ion Ratio Lower Upper
 212 100
 106 2.0 1.7 2.5
 104 1.1 1.0 1.6

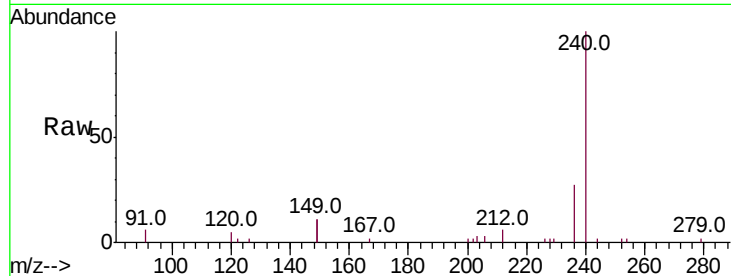




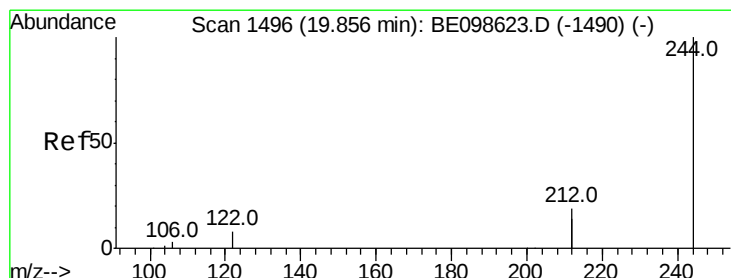
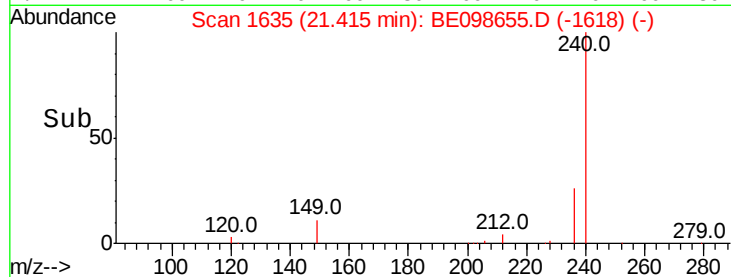
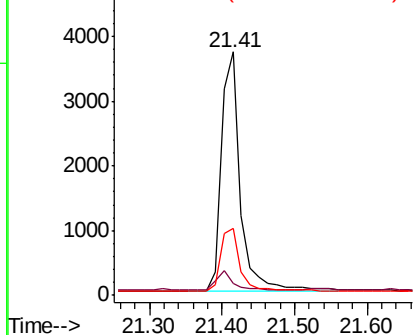
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.41 min Scan# 1635
 Delta R.T. 0.00 min
 Lab File: BE098655.D
 Acq: 17 Jan 2019 20:14

Instrument :
 BNA_E
 ClientSampleID :
 DUP

Tot Ion:240 Resp: 6898
 Ion Ratio Lower Upper
 240 100
 120 5.1 4.7 7.1
 236 27.4 21.9 32.9

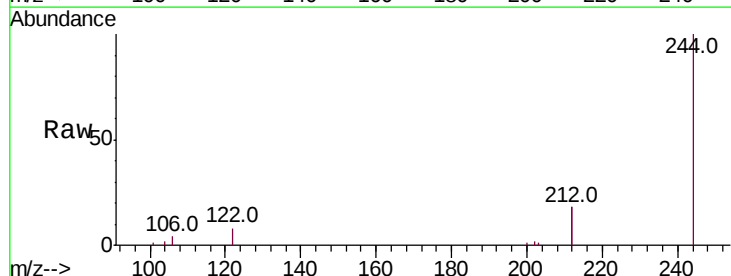


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

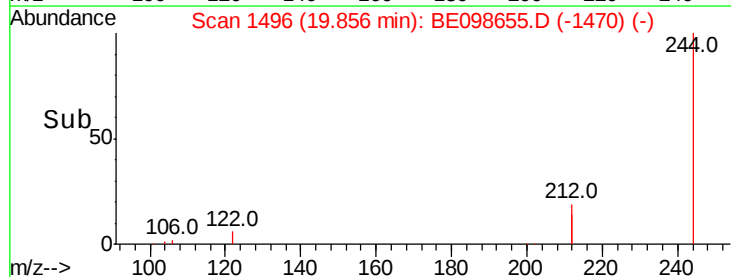
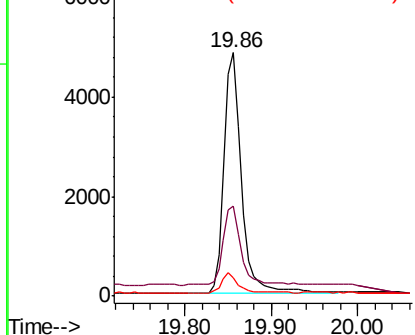


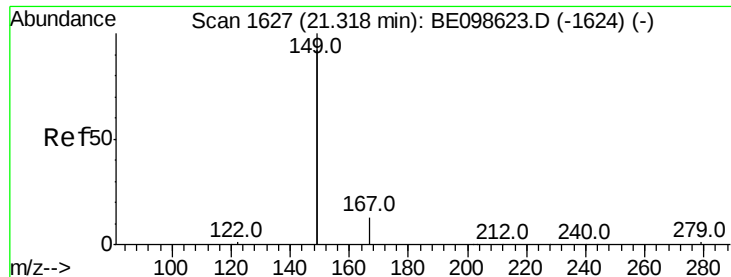
#29
 Terphenyl-d14
 Concen: 0.451 ng
 RT: 19.86 min Scan# 1496
 Delta R.T. 0.00 min
 Lab File: BE098655.D
 Acq: 17 Jan 2019 20:14

Tgt Ion:244 Resp: 6881
 Ion Ratio Lower Upper
 244 100
 212 36.9 29.4 44.2
 122 7.7 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: 21.32 min Scan# 1627

Delta R.T. 0.00 min

Lab File: BE098655.D

Acq: 17 Jan 2019 20:14

Instrument :

BNA_E

ClientSampleID :

DUP

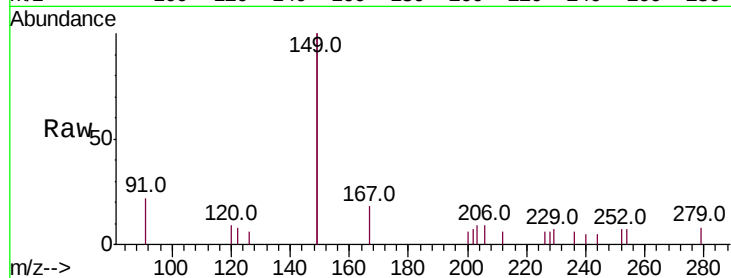
Tot Ion:149 Resp: 2160

Ion Ratio Lower Upper

149 100

167 7.9 5.4 8.2

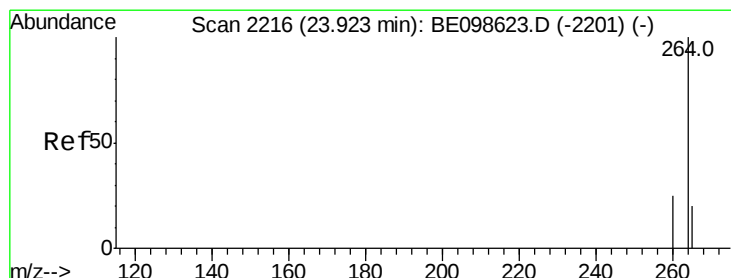
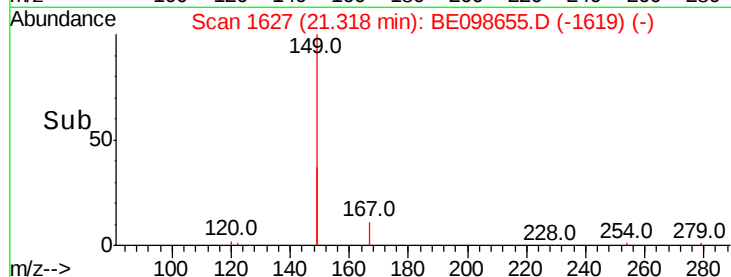
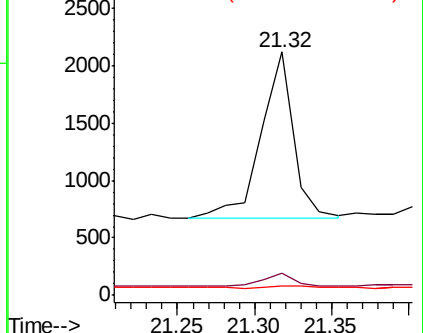
279 2.0 1.0 1.4#



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: 23.92 min Scan# 2215

Delta R.T. -0.00 min

Lab File: BE098655.D

Acq: 17 Jan 2019 20:14

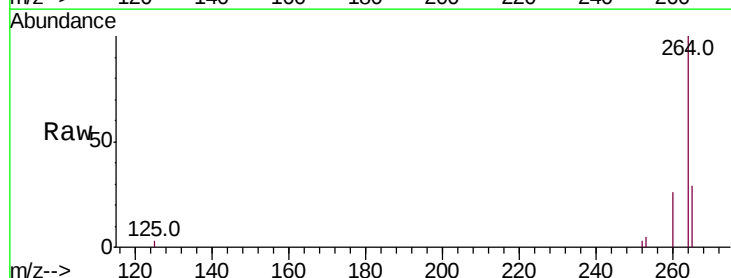
Tgt Ion:264 Resp: 6711

Ion Ratio Lower Upper

264 100

260 26.3 20.5 30.7

265 29.0 22.3 33.5



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

