

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031919\
 Data File : BE099058.D
 Acq On : 20 Mar 2019 5:50
 Operator : JU/SJ
 Sample : K1963-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-DUP03-20190314

Quant Time: Mar 20 06:35:04 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

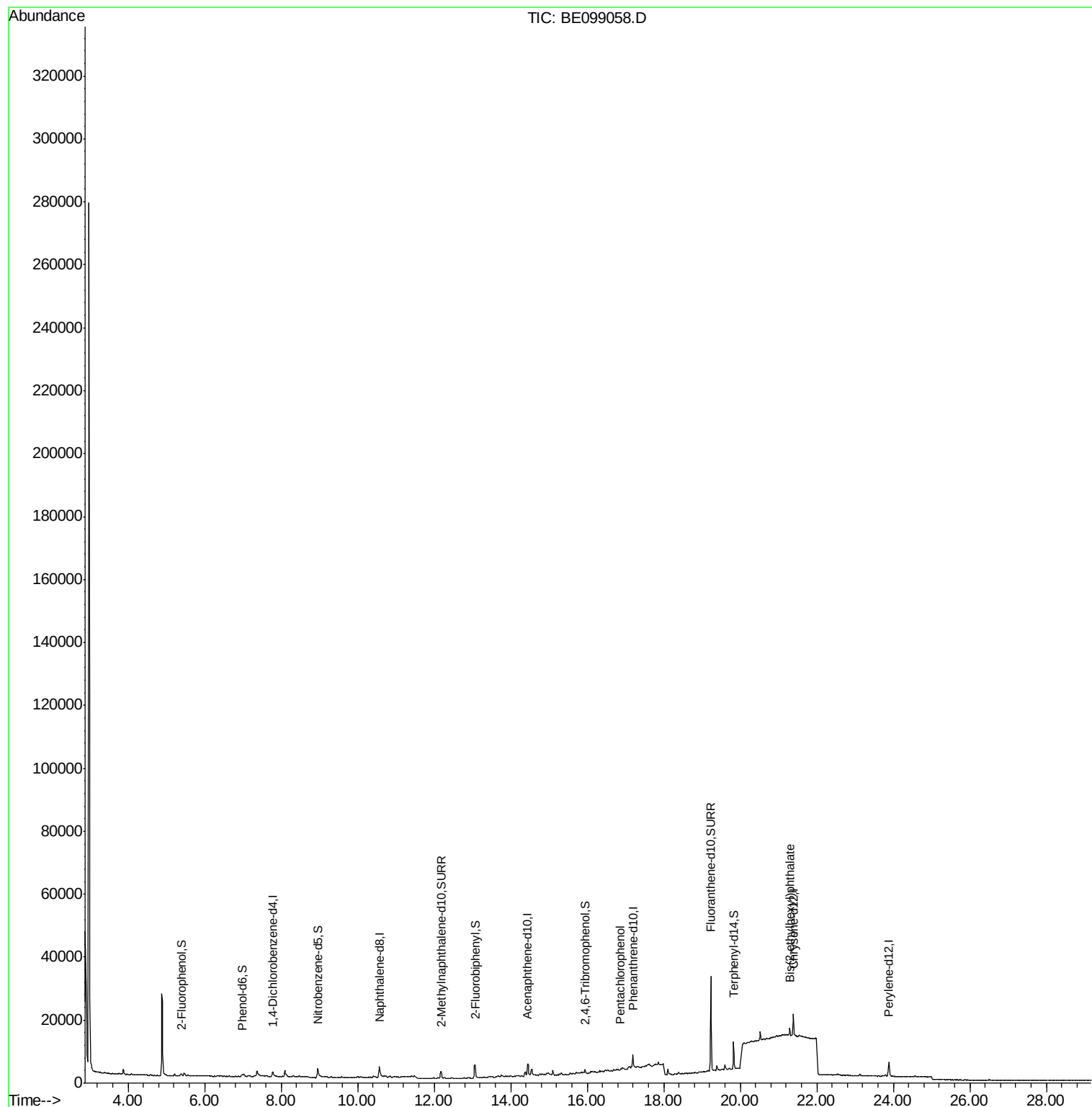
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	951	0.40	ng	0.00
7) Naphthalene-d8	10.58	136	4086	0.40	ng	-0.01
13) Acenaphthene-d10	14.44	164	2766	0.40	ng	-0.02
19) Phenanthrene-d10	17.20	188	6524	0.40	ng	-0.01
27) Chrysene-d12	21.39	240	7327	0.40	ng	-0.01
34) Perylene-d12	23.88	264	7124	0.40	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	573	0.20	ng	0.00
5) Phenol-d6	6.98	99	494	0.12	ng	0.00
8) Nitrobenzene-d5	8.95	82	1753	0.41	ng	-0.01
11) 2-Methylnaphthalene-d10	12.18	152	3228	0.43	ng	-0.02
14) 2,4,6-Tribromophenol	15.94	330	819	0.59	ng	-0.03
15) 2-Fluorobiphenyl	13.07	172	5324	0.46	ng	-0.02
25) Fluoranthene-d10	19.23	212	39118	0.38	ng	-0.02
29) Terphenyl-d14	19.83	244	7479	0.42	ng	-0.02
Target Compounds						
22) Pentachlorophenol	16.87	266	65	0.310	ng	Qvalue 94
32) Bis(2-ethylhexyl)phthalate	21.29	149	2949	0.061	ng	# 90

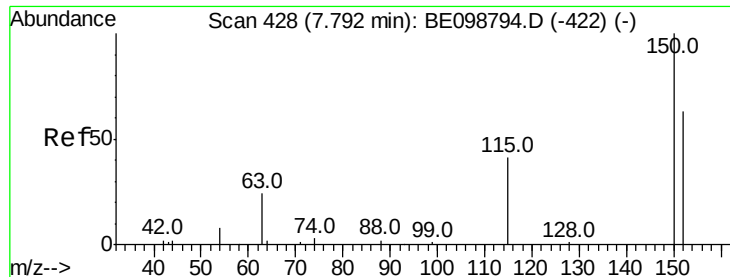
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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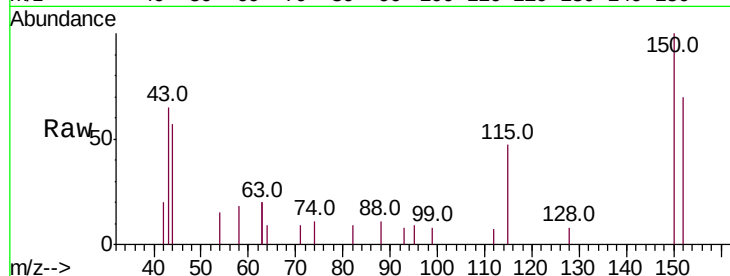


#1

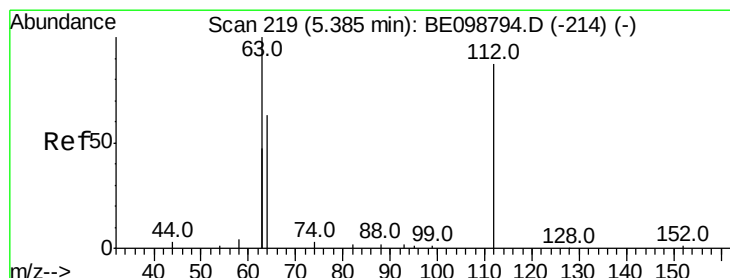
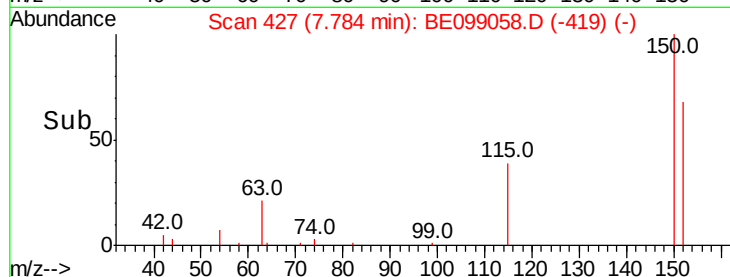
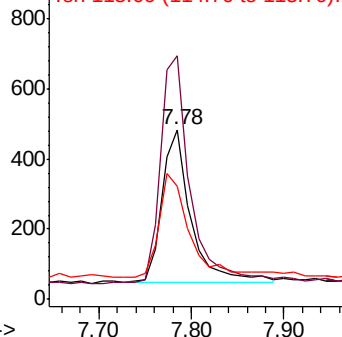
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 427
Delta R.T. -0.01 min
Lab File: BE099058.D
Acq: 20 Mar 2019 5:50

Instrument :
BNA_E
ClientSampleId :
BP-DUP03-20190314

Tot Ion:152 Resp: 951
Ion Ratio Lower Upper
152 100
150 143.4 122.5 183.7
115 66.9 57.4 86.2



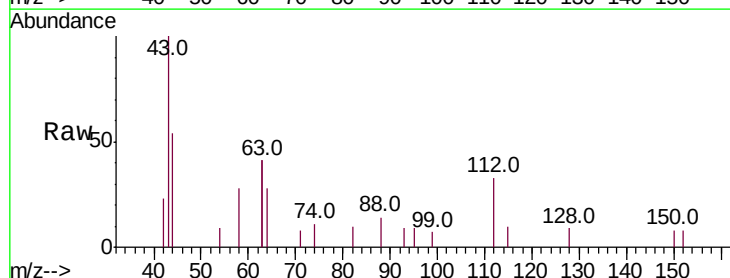
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



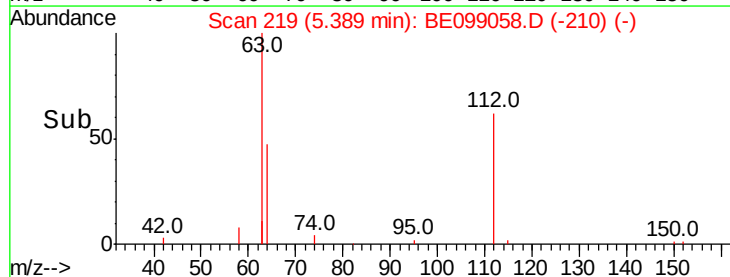
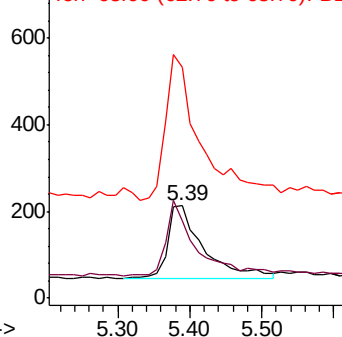
#4

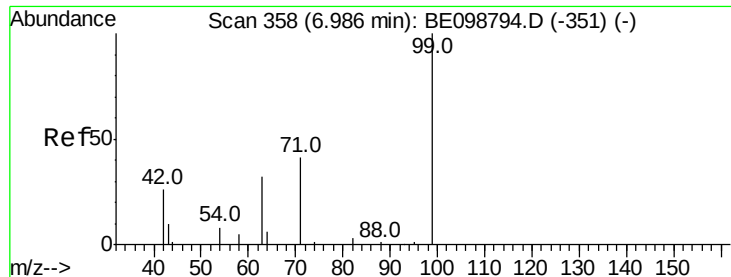
2-Fluorophenol
Concen: 0.202 ng
RT: 5.39 min Scan# 219
Delta R.T. 0.00 min
Lab File: BE099058.D
Acq: 20 Mar 2019 5:50

Tgt Ion:112 Resp: 573
Ion Ratio Lower Upper
112 100
64 91.1 57.9 86.9#
63 204.7 158.3 237.5



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: 0.123 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE099058.D

Acq: 20 Mar 2019 5:50

Instrument :

BNA_E

ClientSampleId :

BP-DUP03-20190314

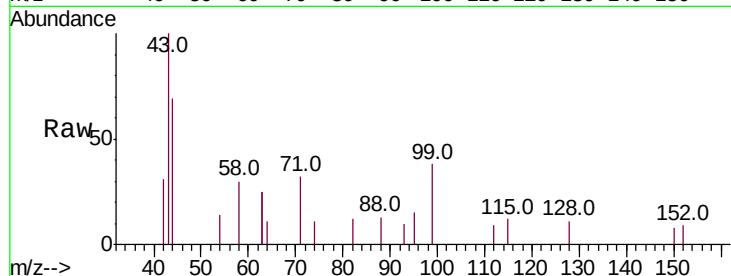
Tot Ion: 99 Resp: 494

Ion Ratio Lower Upper

99 100

42 58.3 24.2 36.2#

71 50.0 35.7 53.5



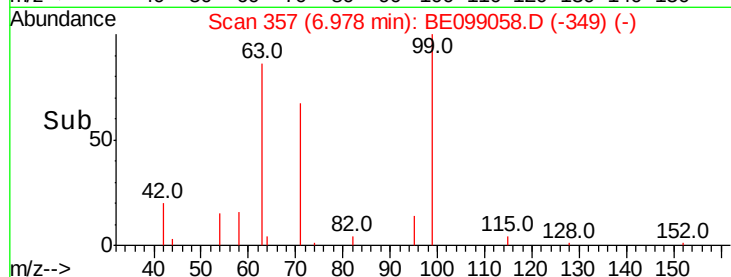
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

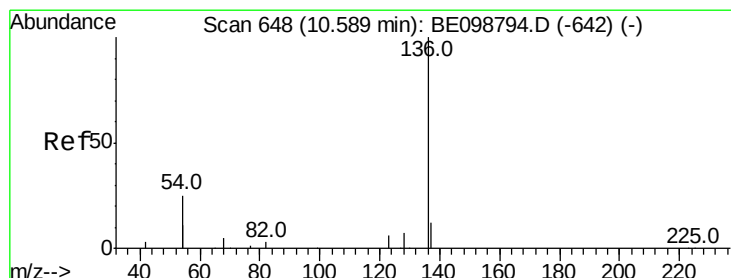
Ion 71.00 (70.70 to 71.70): BE0

6.98

Time-->



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.58 min Scan# 647

Delta R.T. -0.01 min

Lab File: BE099058.D

Acq: 20 Mar 2019 5:50

Tgt Ion: 136 Resp: 4086

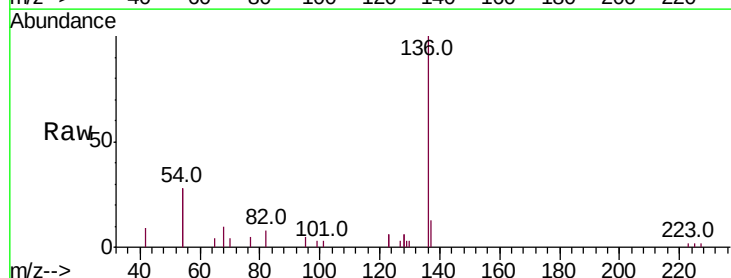
Ion Ratio Lower Upper

136 100

137 12.9 11.4 17.0

54 55.3 39.3 58.9

68 9.6 6.7 10.1



Abundance Ion 136.00 (135.70 to 136.70): E

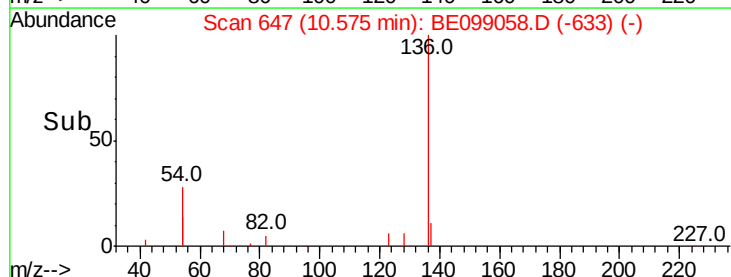
Ion 137.00 (136.70 to 137.70): E

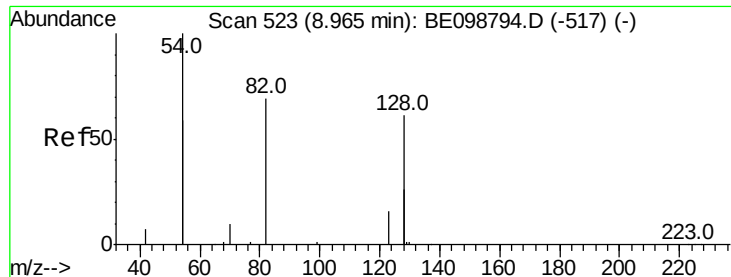
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0

10.58

Time-->

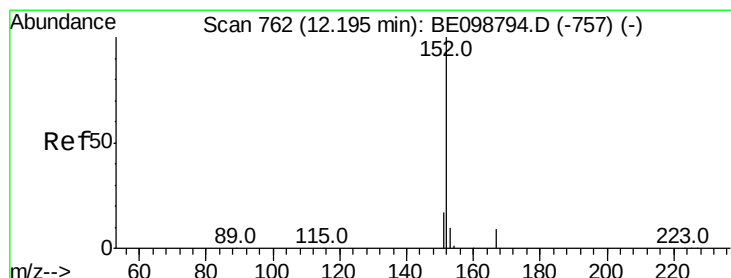
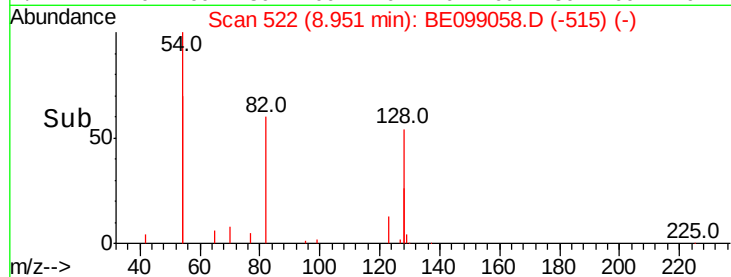
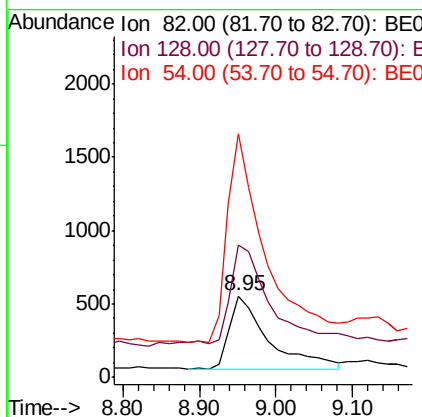
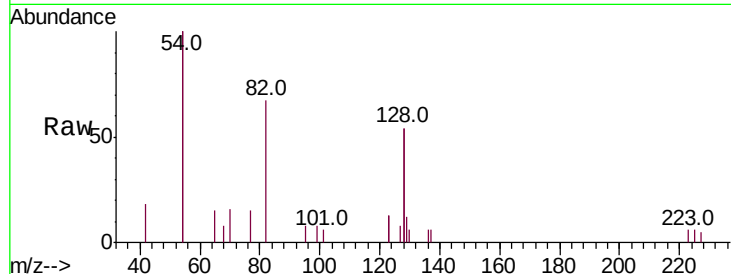




#8
 Nitrobenzene-d5
 Concen: 0.409 ng
 RT: 8.95 min Scan# 522
 Delta R.T. -0.01 min
 Lab File: BE099058.D
 Acq: 20 Mar 2019 5:50

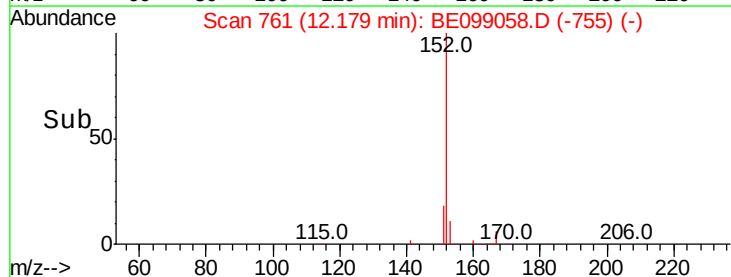
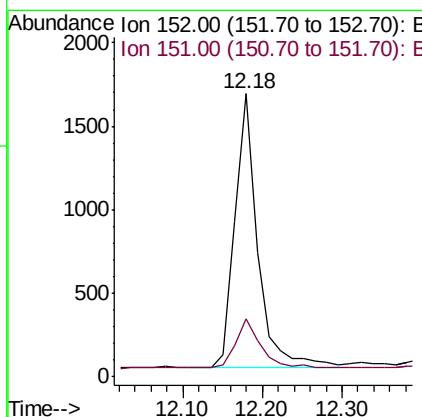
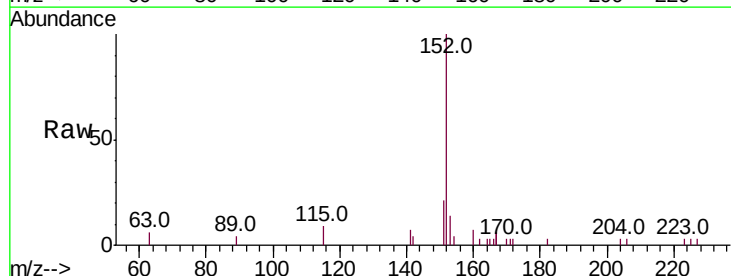
Instrument :
 BNA_E
 ClientSampleId :
 BP-DUP03-20190314

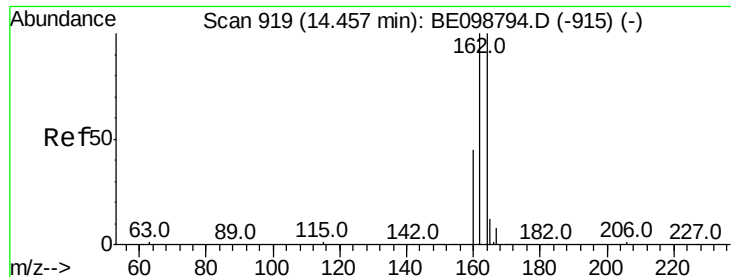
Tot Ion	82	Resp	1753
Ion Ratio	Lower	Upper	
82	100		
128	162.8	123.8	185.8
54	299.6	203.4	305.2



#11
 2-Methylnaphthalene-d10
 Concen: 0.427 ng
 RT: 12.18 min Scan# 761
 Delta R.T. -0.02 min
 Lab File: BE099058.D
 Acq: 20 Mar 2019 5:50

Tgt Ion	152	Resp	3228
Ion Ratio	Lower	Upper	
152	100		
151	19.0	16.5	24.7

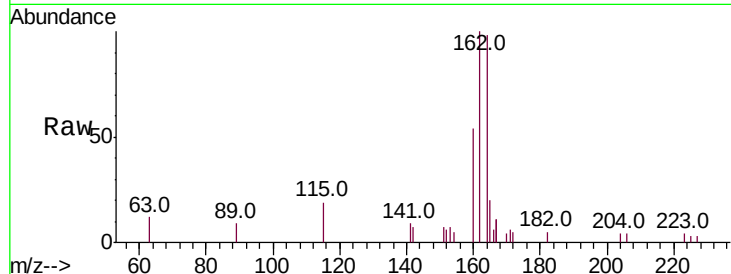




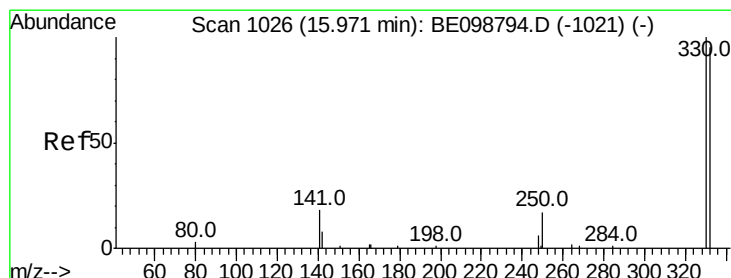
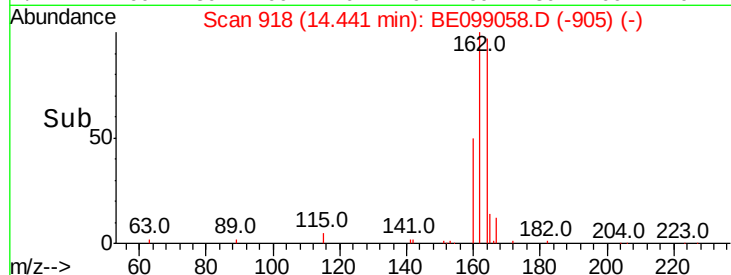
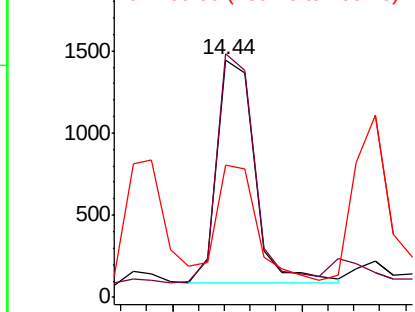
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.44 min Scan# 918
 Delta R.T. -0.02 min
 Lab File: BE099058.D
 Acq: 20 Mar 2019 5:50

Instrument :
 BNA_E
 ClientSampleId :
 BP-DUP03-20190314

Tot Ion:164 Resp: 2766
 Ion Ratio Lower Upper
 164 100
 162 102.4 80.2 120.2
 160 55.6 37.8 56.8

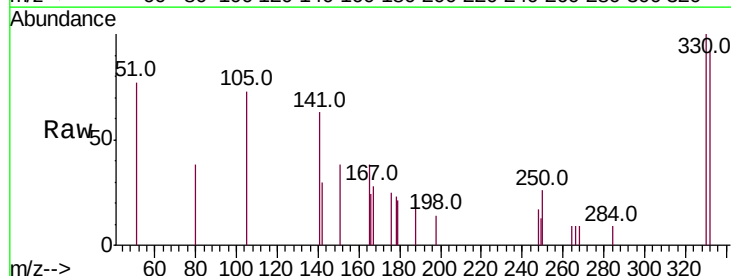


Abundance Ion 164.00 (163.70 to 164.70): E
 2000 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

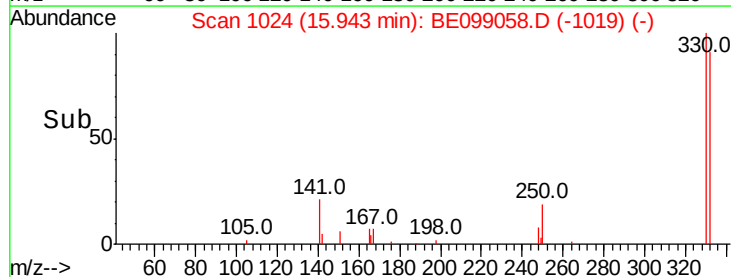
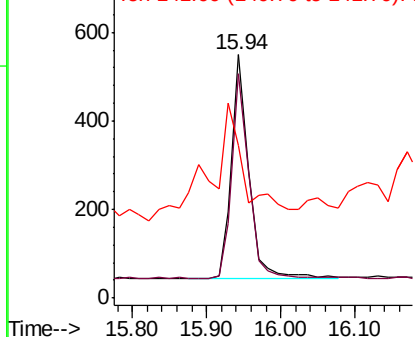


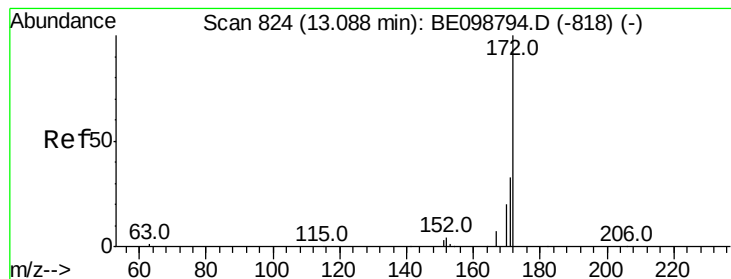
#14
 2,4,6-Tribromophenol
 Concen: 0.587 ng
 RT: 15.94 min Scan# 1024
 Delta R.T. -0.03 min
 Lab File: BE099058.D
 Acq: 20 Mar 2019 5:50

Tgt Ion:330 Resp: 819
 Ion Ratio Lower Upper
 330 100
 332 90.8 77.6 116.4
 141 68.9 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

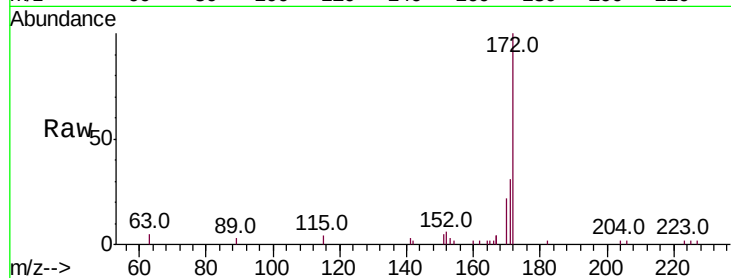




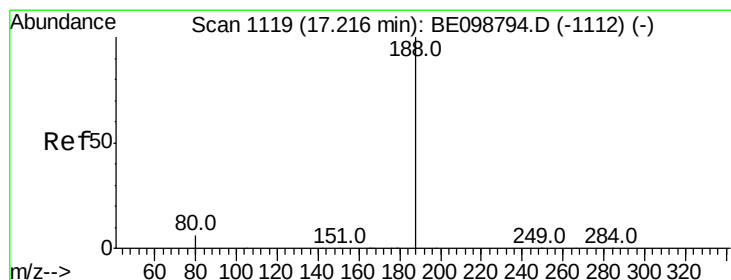
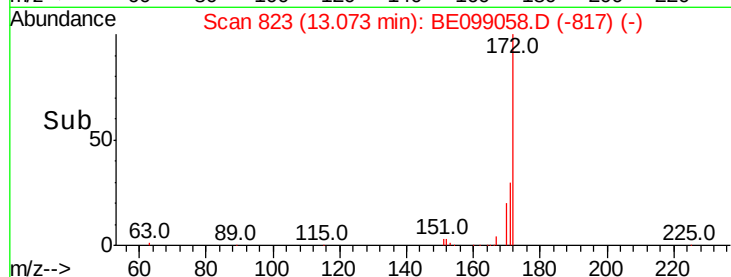
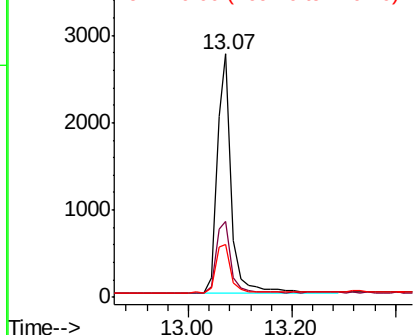
#15
2-Fluorobiphenyl
Concen: 0.465 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.02 min
Lab File: BE099058.D
Acq: 20 Mar 2019 5:50

Instrument :
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BP-DUP03-20190314

Tot Ion:172 Resp: 5324
Ion Ratio Lower Upper
172 100
171 31.3 28.0 42.0
170 21.5 17.7 26.5

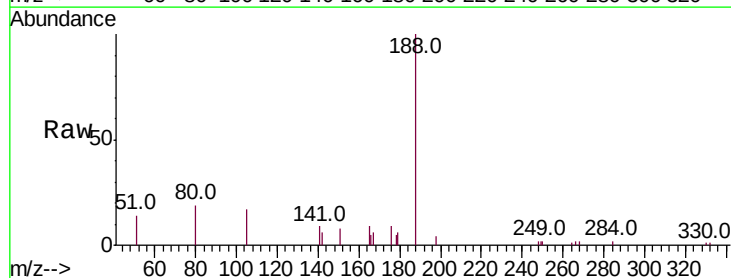


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

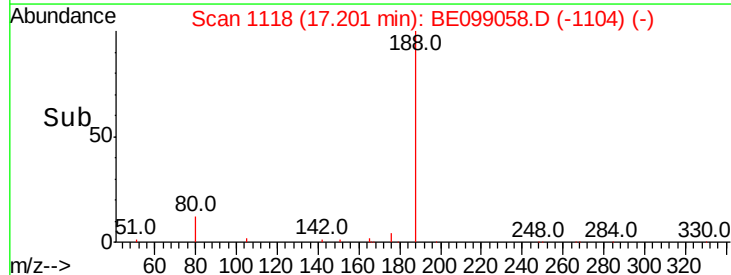
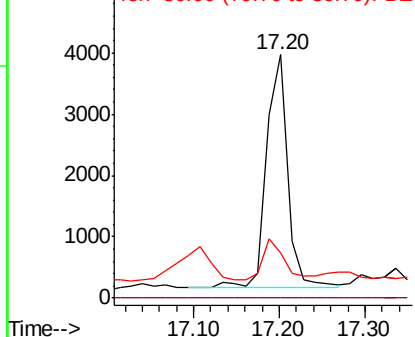


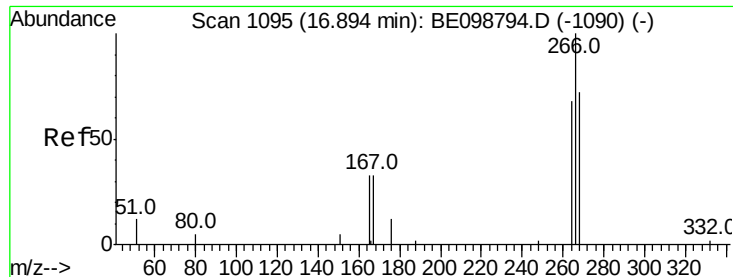
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BE099058.D
Acq: 20 Mar 2019 5:50

Tgt Ion:188 Resp: 6524
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 18.7 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

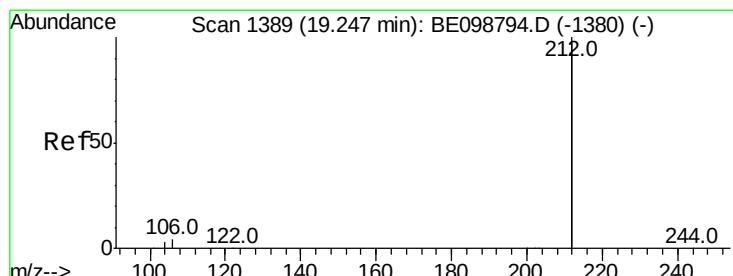
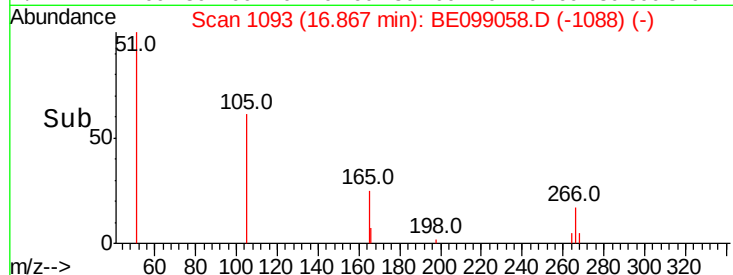
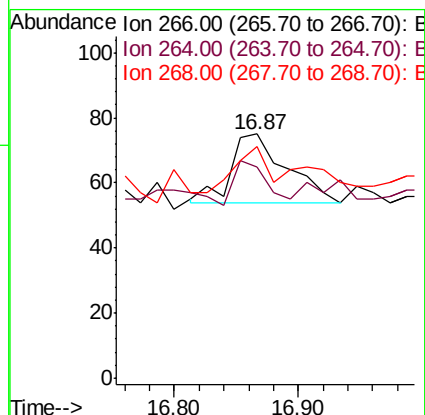
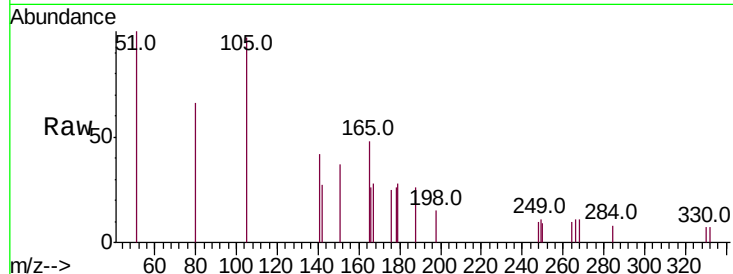




#22
 Pentachlorophenol
 Concen: 0.310 ng
 RT: 16.87 min Scan# 1093
 Delta R.T. -0.03 min
 Lab File: BE099058.D
 Acq: 20 Mar 2019 5:50

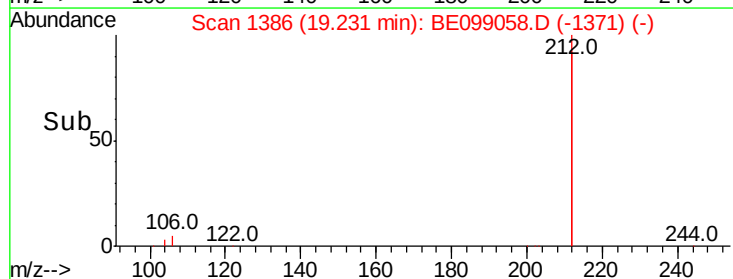
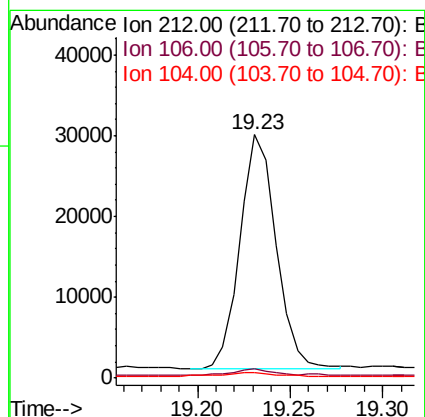
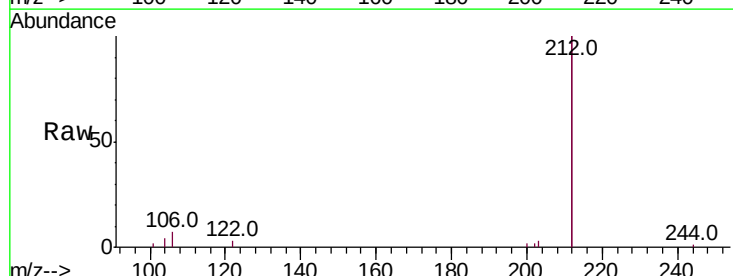
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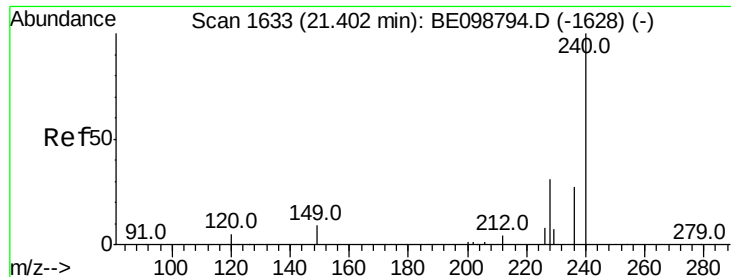
Tot Ion:266 Resp: 65
 Ion Ratio Lower Upper
 266 100
 264 86.7 66.6 100.0
 268 94.7 69.8 104.8



#25
 Fluoranthene-d10
 Concen: 0.376 ng
 RT: 19.23 min Scan# 1386
 Delta R.T. -0.02 min
 Lab File: BE099058.D
 Acq: 20 Mar 2019 5:50

Tgt Ion:212 Resp: 39118
 Ion Ratio Lower Upper
 212 100
 106 2.7 1.8 2.8
 104 1.9 1.0 1.6#

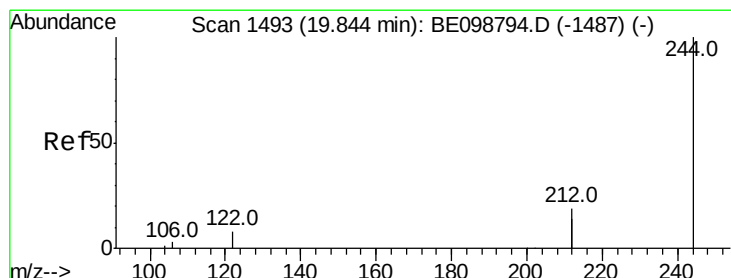
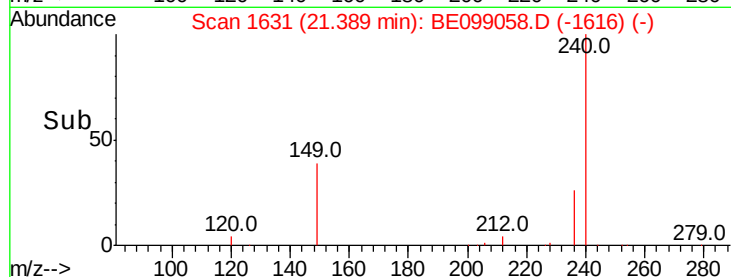
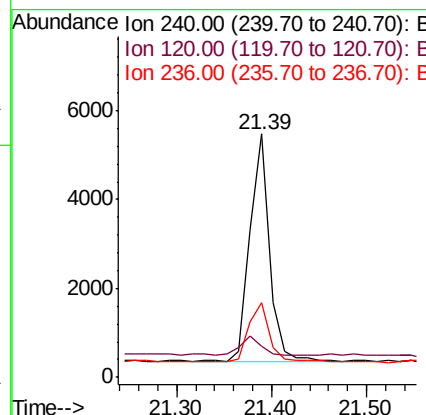
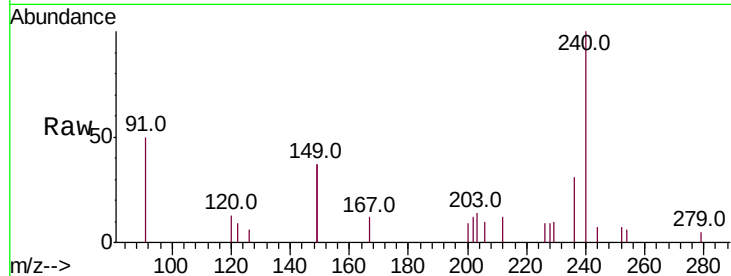




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE099058.D
Acq: 20 Mar 2019 5:50

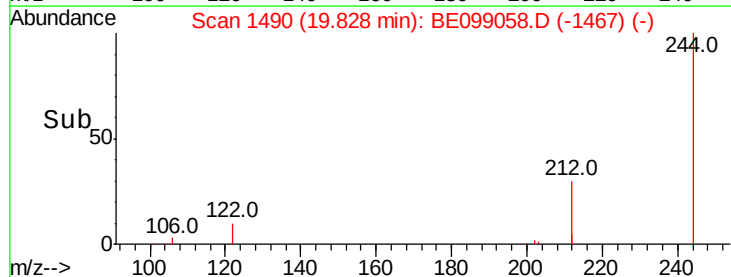
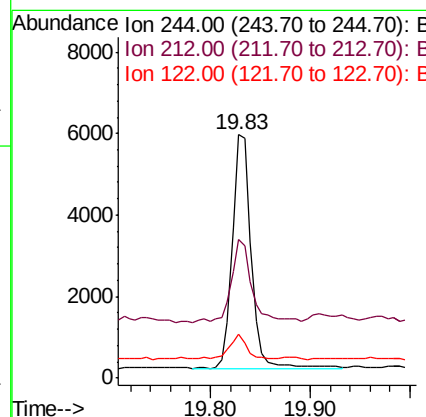
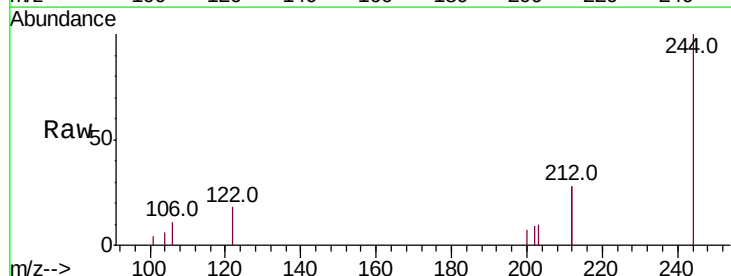
Instrument :
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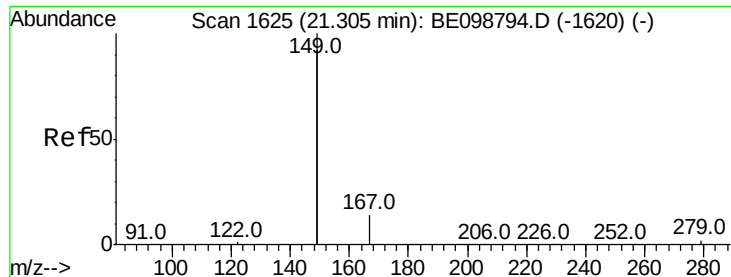
Tot Ion:240 Resp: 7327
Ion Ratio Lower Upper
240 100
120 12.7 5.0 7.4#
236 30.7 22.7 34.1



#29
Terphenyl-d14
Concen: 0.420 ng
RT: 19.83 min Scan# 1490
Delta R.T. -0.02 min
Lab File: BE099058.D
Acq: 20 Mar 2019 5:50

Tgt Ion:244 Resp: 7479
Ion Ratio Lower Upper
244 100
212 57.0 29.4 44.2#
122 17.8 7.1 10.7#

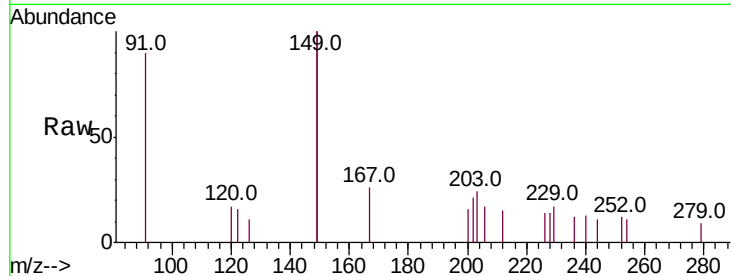




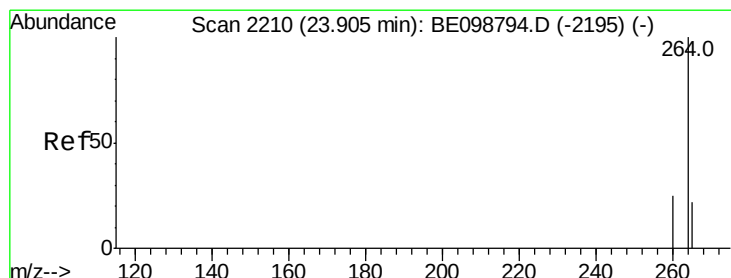
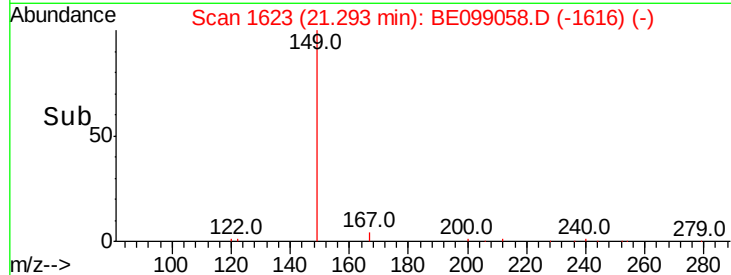
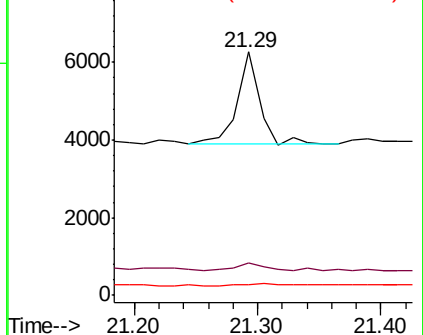
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.061 ng
 RT: 21.29 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BE099058.D
 Acq: 20 Mar 2019 5:50

Instrument :
 BNA_E
 ClientSampleId :
 BP-DUP03-20190314

Tot Ion:149 Resp: 2949
 Ion Ratio Lower Upper
 149 100
 167 10.5 5.4 8.0#
 279 2.8 1.0 1.4#

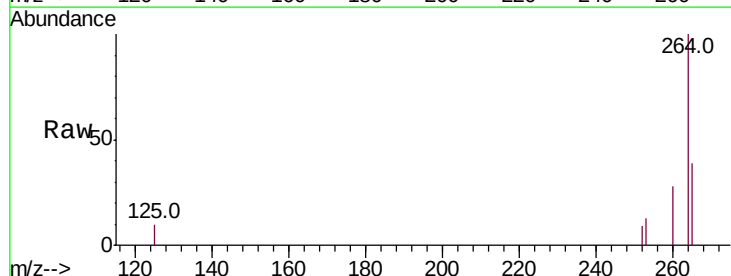


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.88 min Scan# 2202
 Delta R.T. -0.03 min
 Lab File: BE099058.D
 Acq: 20 Mar 2019 5:50

Tgt Ion:264 Resp: 7124
 Ion Ratio Lower Upper
 264 100
 260 28.5 21.2 31.8
 265 38.8 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

