

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121118\
 Data File : BE098356.D
 Acq On : 12 Dec 2018 6:02
 Operator : SJ/JU
 Sample : J6314-22
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-DUP03-20181207

Quant Time: Dec 12 07:31:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 14:59:55 2018
 Response via : Initial Calibration

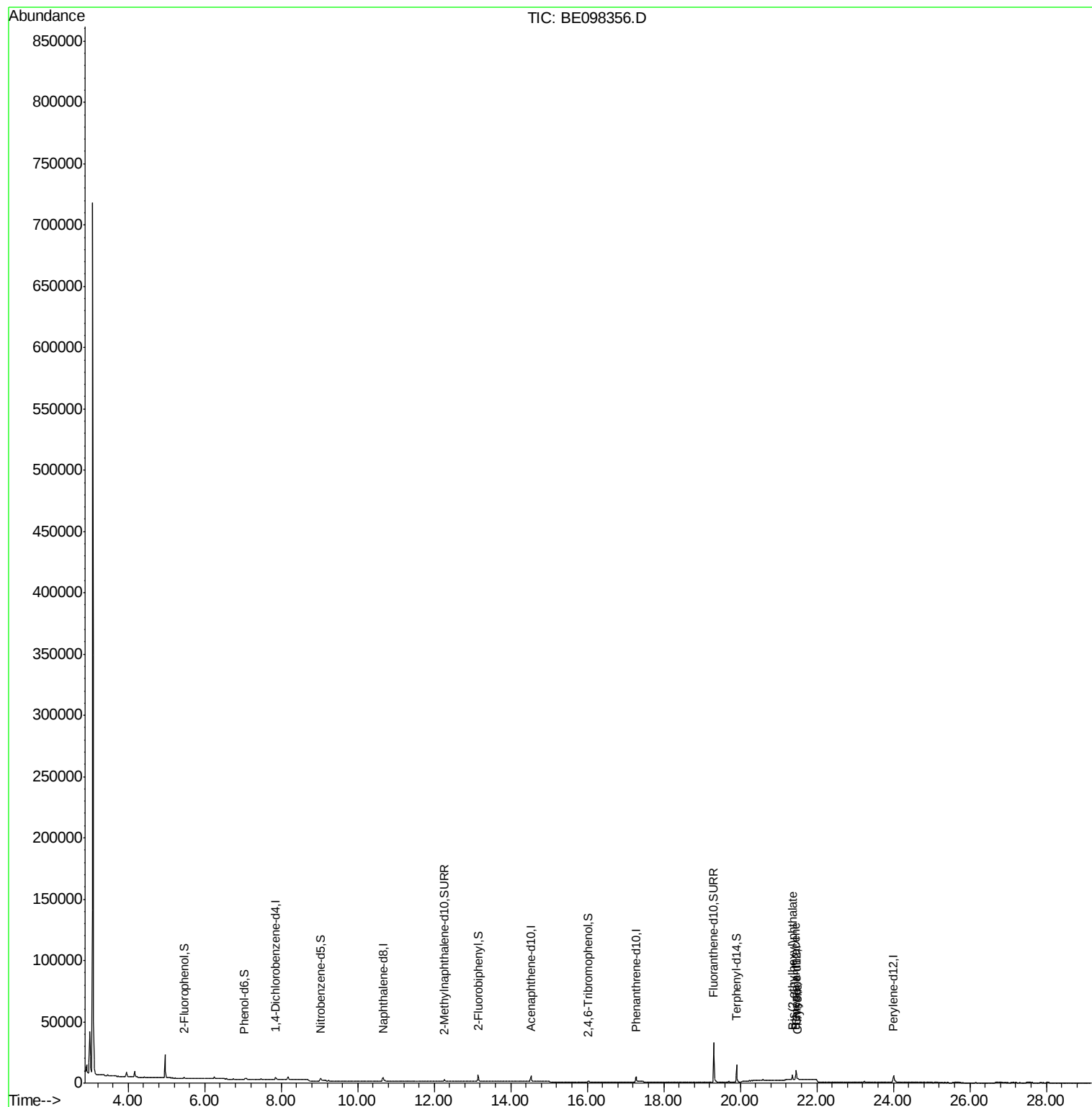
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1059	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4530	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2943	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	7915	0.40	ng	0.00
27) Chrysene-d12	21.46	240	9472	0.40	ng	0.00
34) Perylene-d12	24.01	264	9088	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	474	0.19	ng	0.00
5) Phenol-d6	7.04	99	387	0.11	ng	0.00
8) Nitrobenzene-d5	9.03	82	1974	0.48	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	3301	0.45	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	577	0.53	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	6686	0.54	ng	0.00
25) Fluoranthene-d10	19.31	212	49574	0.49	ng	0.00
29) Terphenyl-d14	19.90	244	13985	0.61	ng	0.00
Target Compounds						
30) Benzo(a)anthracene	21.45	228	594	0.022	ng	# 72
31) Chrysene	21.50	228	589	0.021	ng	# 72
32) Bis(2-ethylhexyl)phthalate	21.37	149	5258	0.096	ng	# 99

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121118\
Data File : BE098356.D
Acq On : 12 Dec 2018 6:02
Operator : SJ/JU
Sample : J6314-22
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
BP-DUP03-20181207

Quant Time: Dec 12 07:31:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 14:59:55 2018
Response via : Initial Calibration



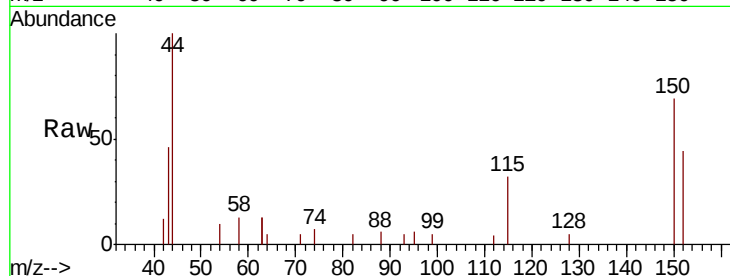


#1

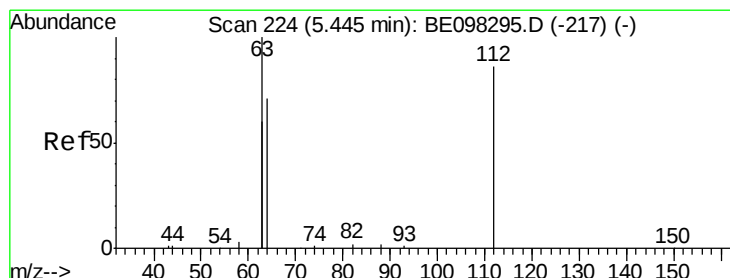
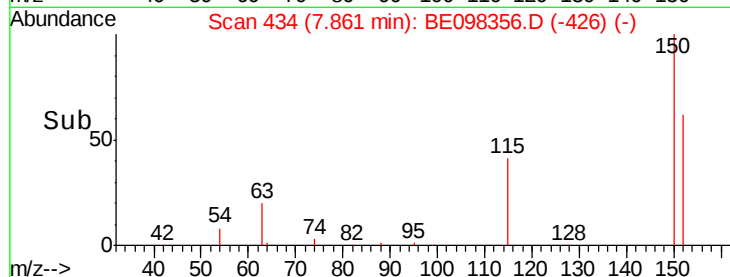
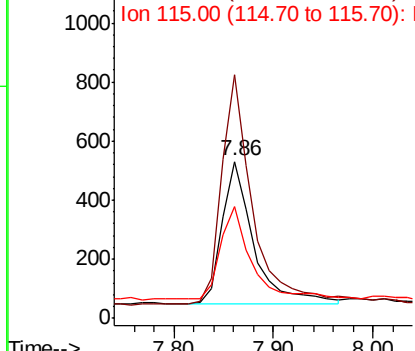
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098356.D
Acq: 12 Dec 2018 6:02

Instrument :
BNA_E
ClientSampleId :
BP-DUP03-20181207

Tot Ion:152 Resp: 1059
Ion Ratio Lower Upper
152 100
150 155.5 124.2 186.4
115 71.5 53.9 80.9



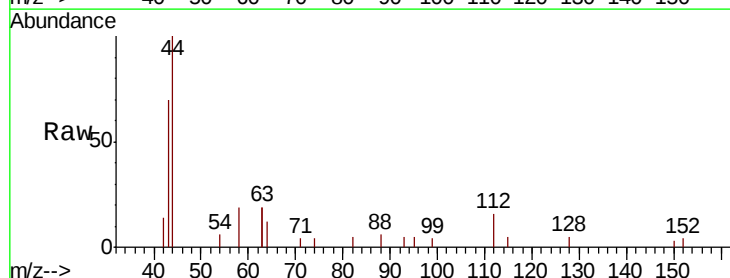
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



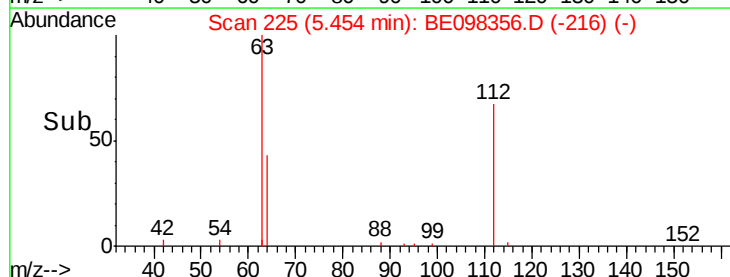
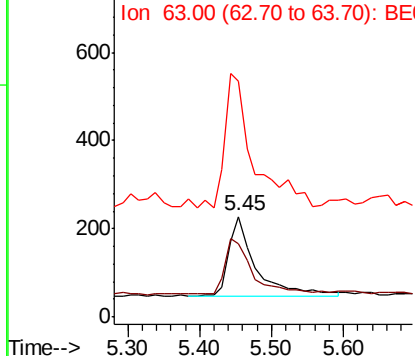
#4

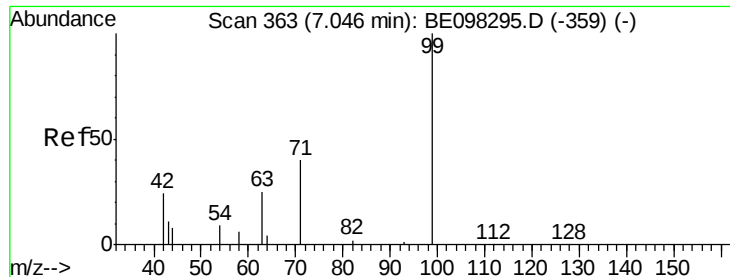
2-Fluorophenol
Concen: 0.191 ng
RT: 5.45 min Scan# 225
Delta R.T. 0.01 min
Lab File: BE098356.D
Acq: 12 Dec 2018 6:02

Tgt Ion:112 Resp: 474
Ion Ratio Lower Upper
112 100
64 69.2 59.8 89.8
63 182.3 133.7 200.5



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: 0.110 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098356.D

Acq: 12 Dec 2018 6:02

Instrument :

BNA_E

ClientSampleId :

BP-DUP03-20181207

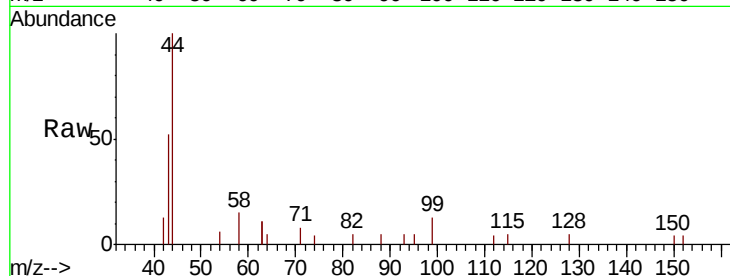
Tot Ion: 99 Resp: 387

Ion Ratio Lower Upper

99 100

42 42.4 26.3 39.5#

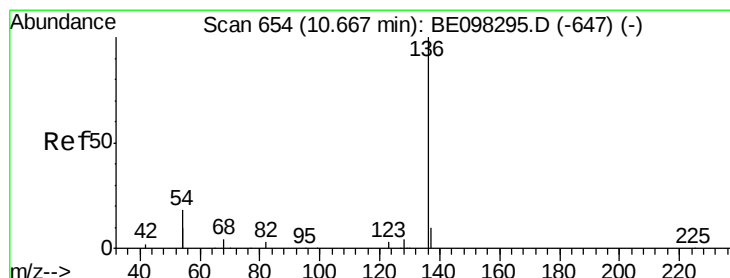
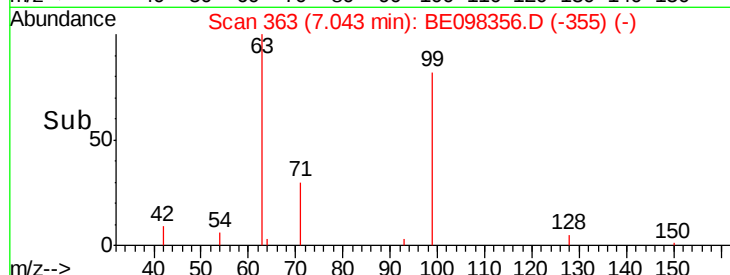
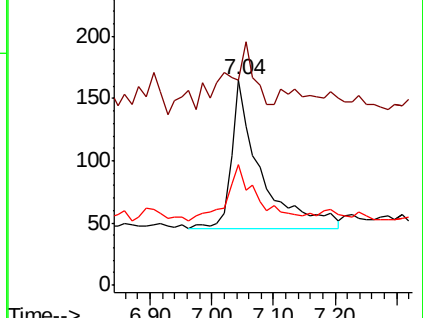
71 39.3 33.6 50.4



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: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098356.D

Acq: 12 Dec 2018 6:02

Tgt Ion: 136 Resp: 4530

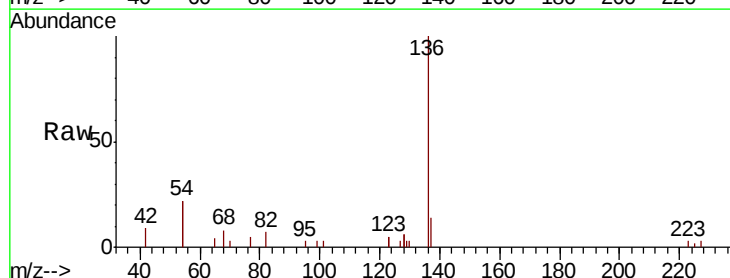
Ion Ratio Lower Upper

136 100

137 13.6 9.2 13.8

54 43.8 28.4 42.6#

68 8.0 5.4 8.0

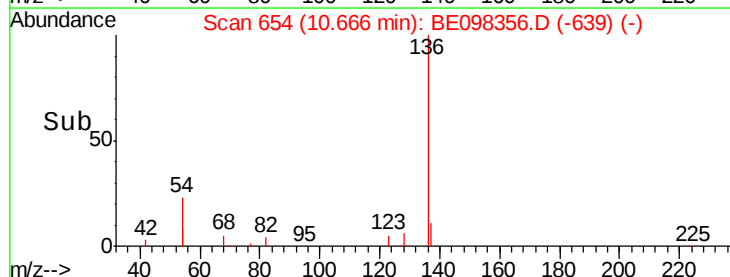
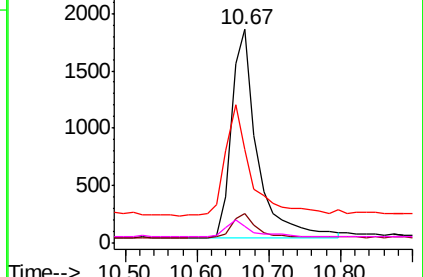


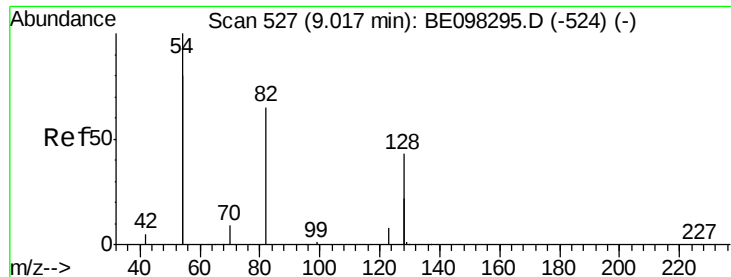
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.479 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098356.D

Acq: 12 Dec 2018 6:02

Instrument :

BNA_E

ClientSampleId :

BP-DUP03-20181207

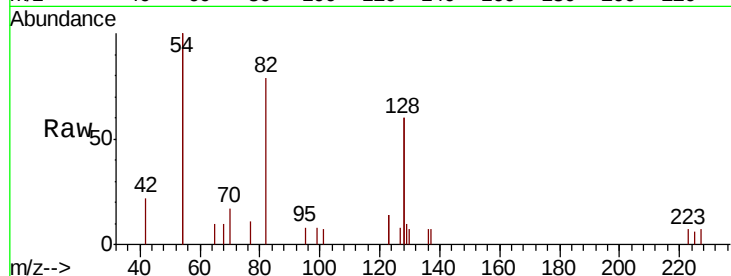
Tot Ion: 82 Resp: 1974

Ion Ratio Lower Upper

82 100

128 151.9 102.4 153.6

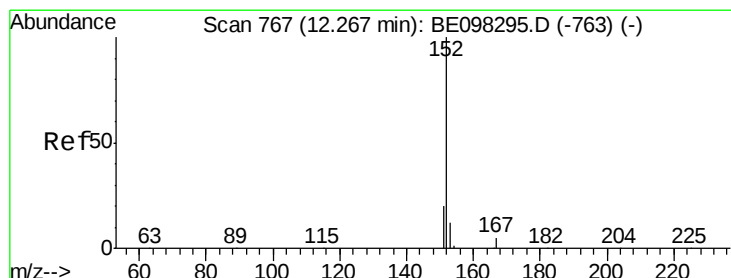
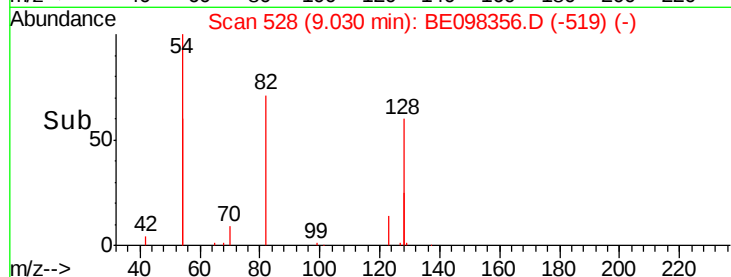
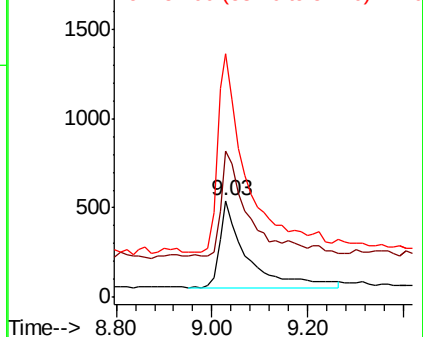
54 251.8 221.8 332.8



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: 0.448 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098356.D

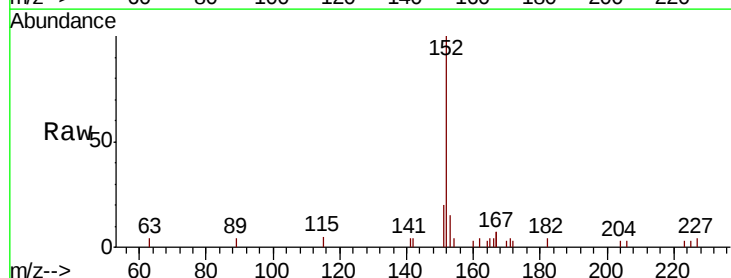
Acq: 12 Dec 2018 6:02

Tgt Ion:152 Resp: 3301

Ion Ratio Lower Upper

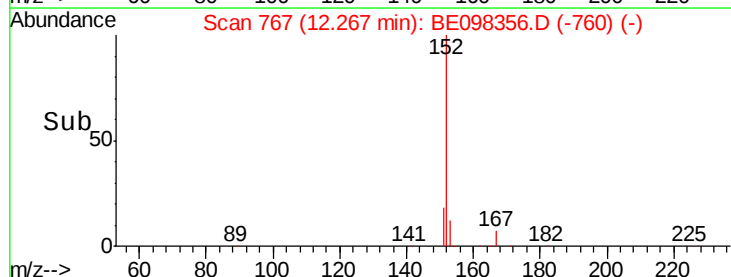
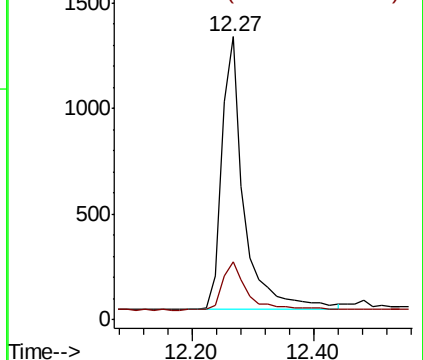
152 100

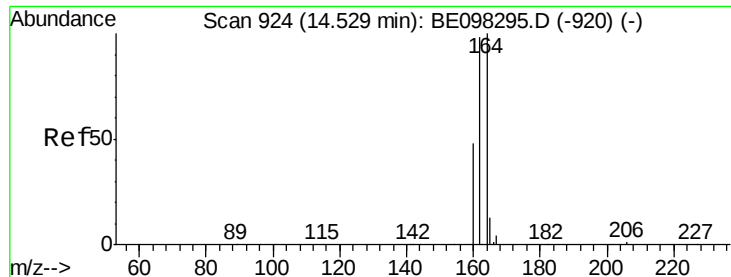
151 18.9 16.2 24.4



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: 14.53 min Scan# 924

Delta R.T. 0.00 min

Lab File: BE098356.D

Acq: 12 Dec 2018 6:02

Instrument :

BNA_E

ClientSampleId :

BP-DUP03-20181207

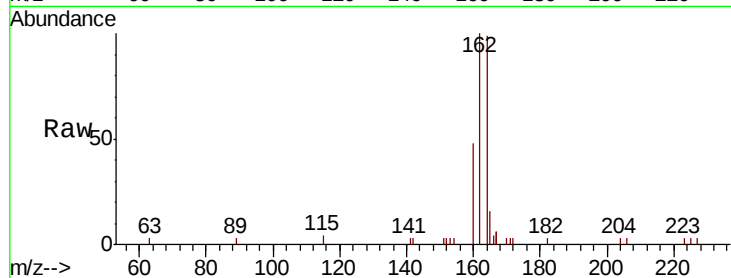
Tot Ion:164 Resp: 2943

Ion Ratio Lower Upper

164 100

162 101.5 77.6 116.4

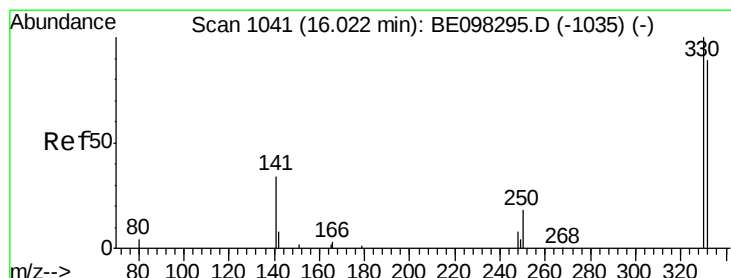
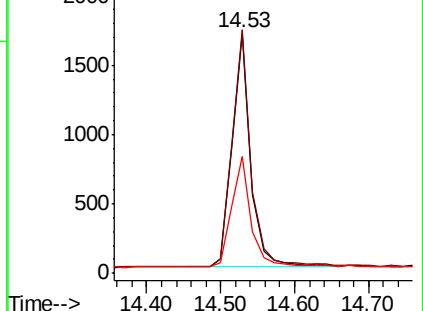
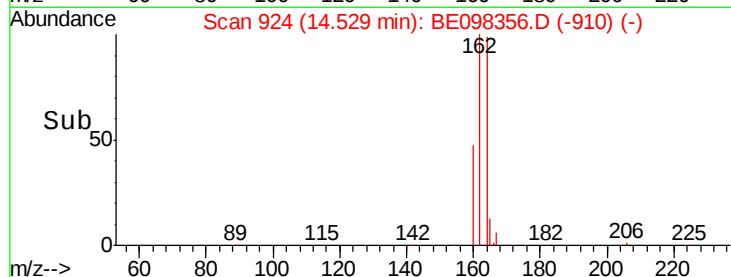
160 48.6 36.0 54.0



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: 0.534 ng

RT: 16.02 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BE098356.D

Acq: 12 Dec 2018 6:02

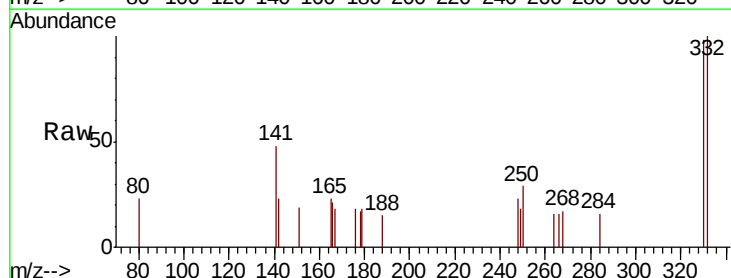
Tgt Ion:330 Resp: 577

Ion Ratio Lower Upper

330 100

332 93.8 76.2 114.4

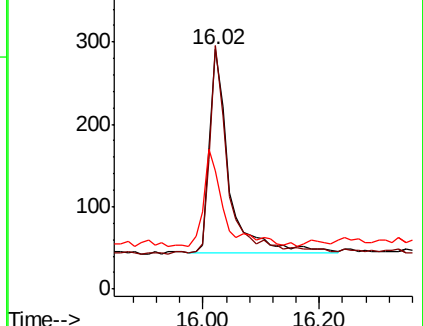
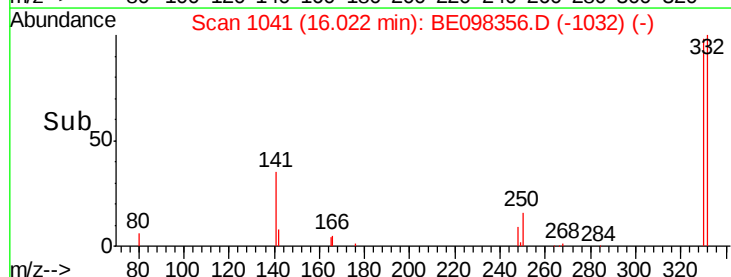
141 47.0 39.0 58.4

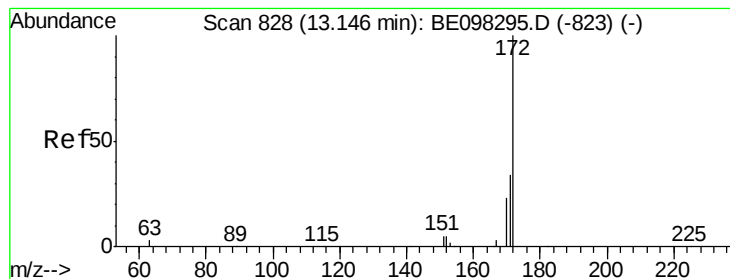


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

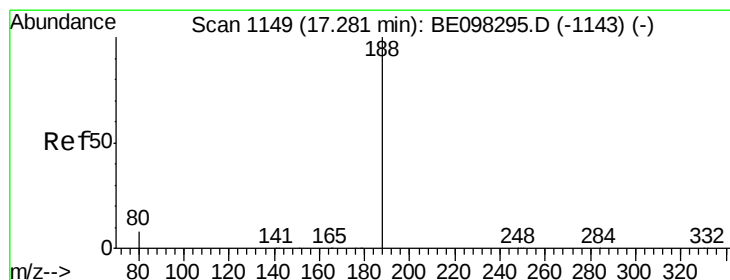
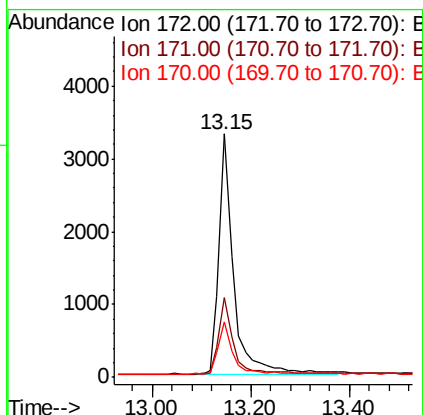
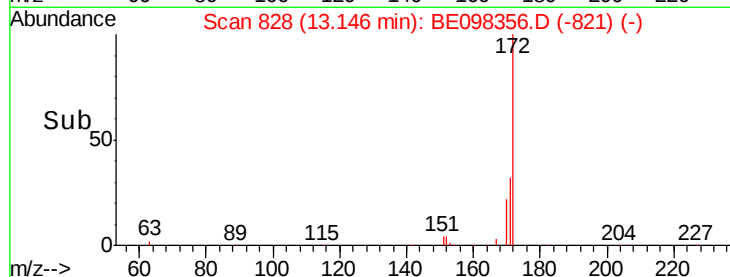
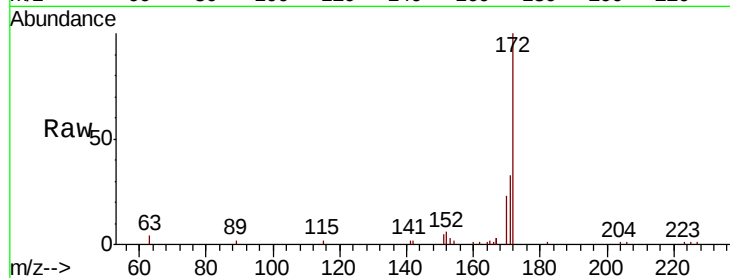




#15
2-Fluorobiphenyl
Concen: 0.539 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BE098356.D
Acq: 12 Dec 2018 6:02

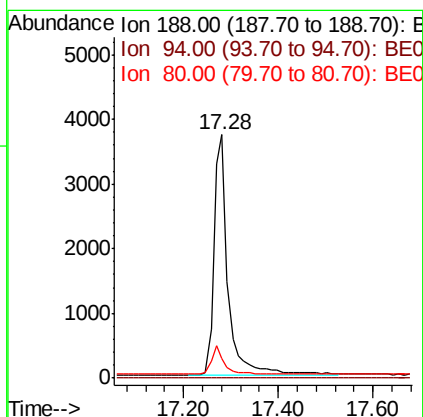
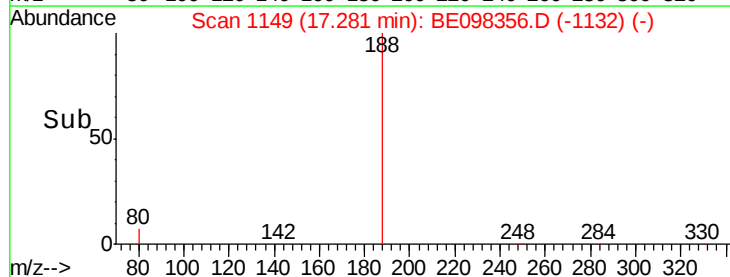
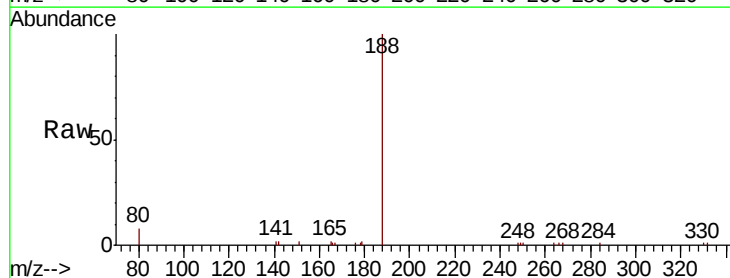
Instrument :
BNA_E
ClientSampleId :
BP-DUP03-20181207

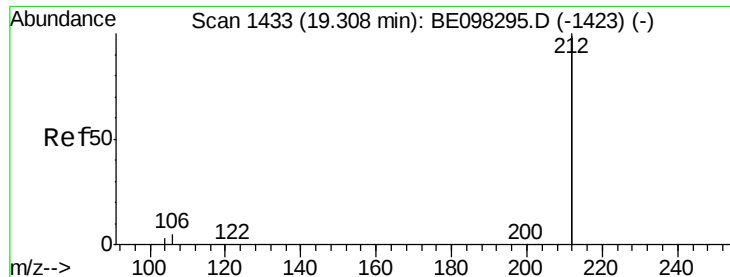
Tot Ion:172 Resp: 6686
Ion Ratio Lower Upper
172 100
171 33.0 27.5 41.3
170 23.0 19.6 29.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BE098356.D
Acq: 12 Dec 2018 6:02

Tgt Ion:188 Resp: 7915
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.3 7.2 10.8

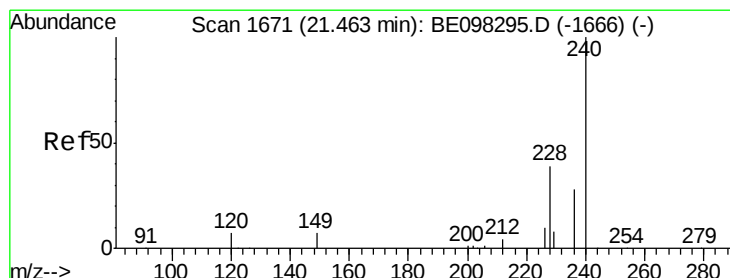
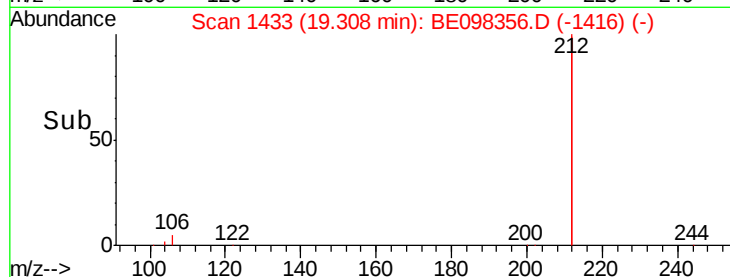
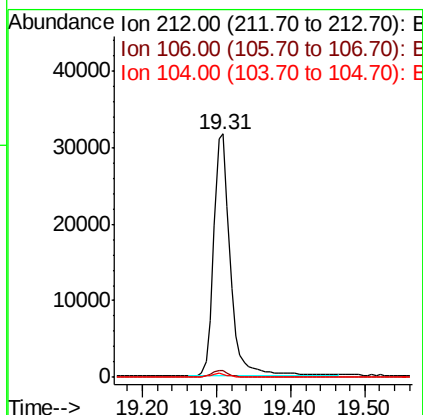
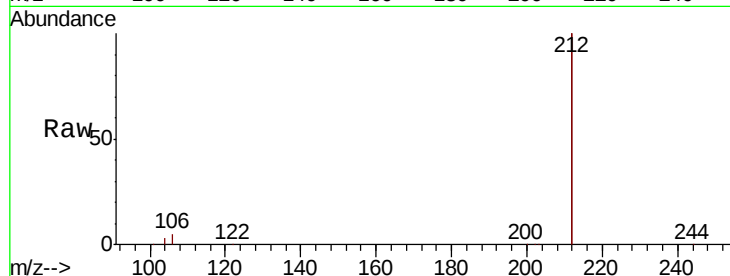




#25
 Fluoranthene-d10
 Concen: 0.488 ng
 RT: 19.31 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BE098356.D
 Acq: 12 Dec 2018 6:02

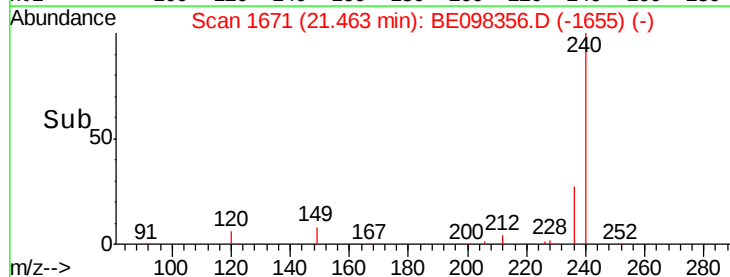
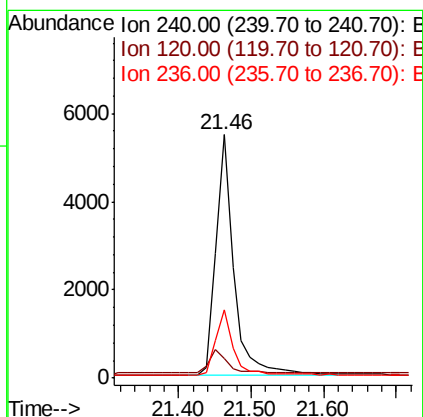
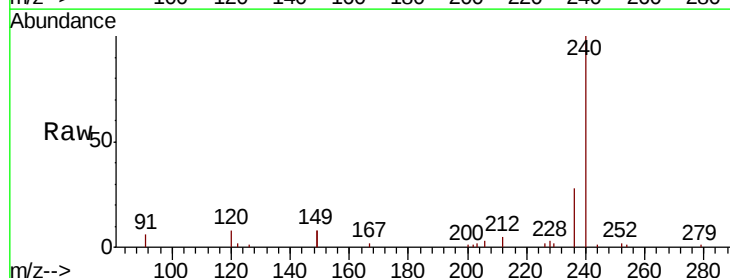
Instrument :
 BNA_E
 ClientSampleId :
 BP-DUP03-20181207

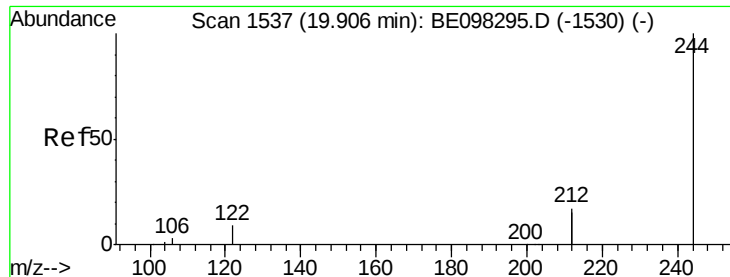
Tot Ion:212 Resp: 49574
 Ion Ratio Lower Upper
 212 100
 106 2.7 2.2 3.2
 104 1.5 1.3 1.9



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.46 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: BE098356.D
 Acq: 12 Dec 2018 6:02

Tgt Ion:240 Resp: 9472
 Ion Ratio Lower Upper
 240 100
 120 8.2 9.5 14.3#
 236 28.0 22.7 34.1





#29

Terphenyl-d14

Concen: 0.608 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BE098356.D

Acq: 12 Dec 2018 6:02

Instrument :

BNA_E

ClientSampleId :

BP-DUP03-20181207

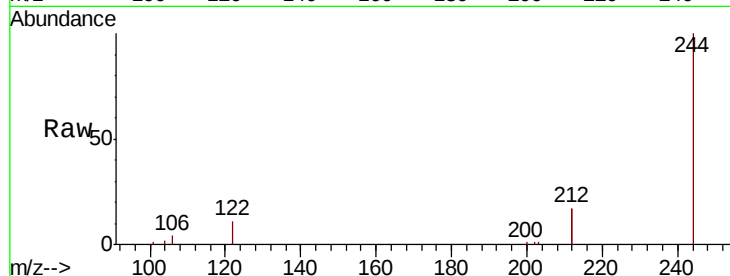
Tot Ion:244 Resp: 13985

Ion Ratio Lower Upper

244 100

212 34.7 27.4 41.0

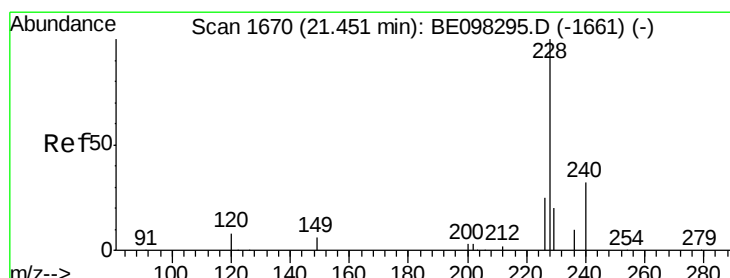
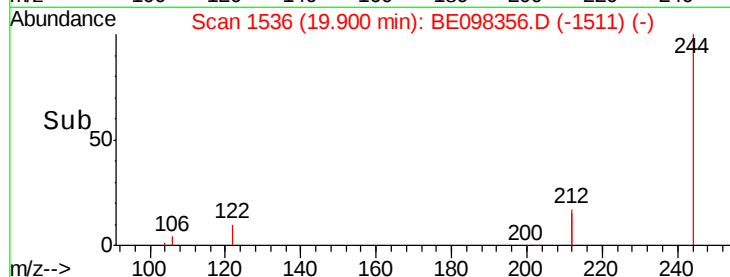
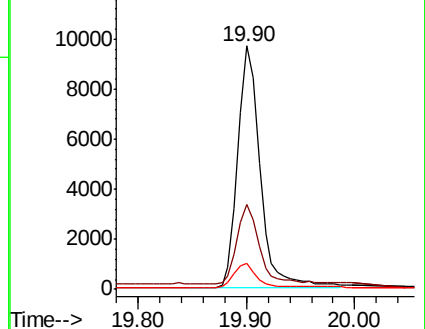
122 10.6 8.3 12.5



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



#30

Benzo(a)anthracene

Concen: 0.022 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BE098356.D

Acq: 12 Dec 2018 6:02

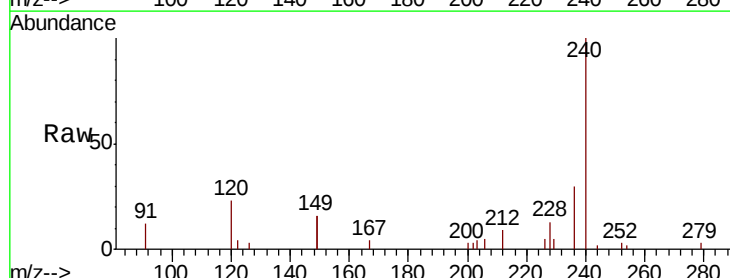
Tgt Ion:228 Resp: 594

Ion Ratio Lower Upper

228 100

226 37.7 21.8 32.8#

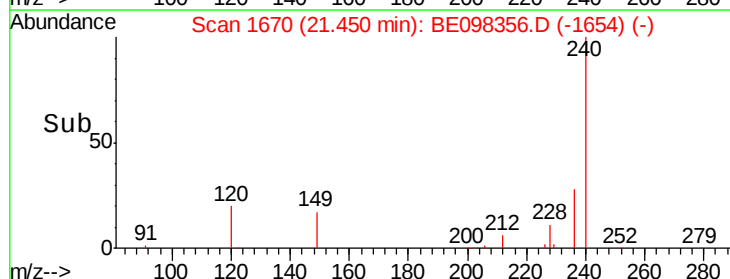
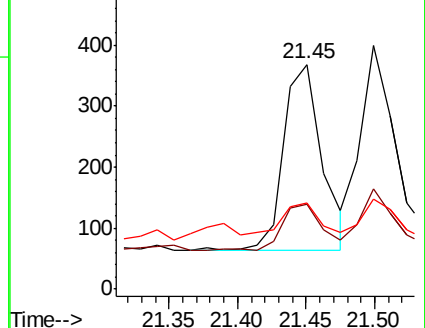
229 38.2 16.3 24.5#

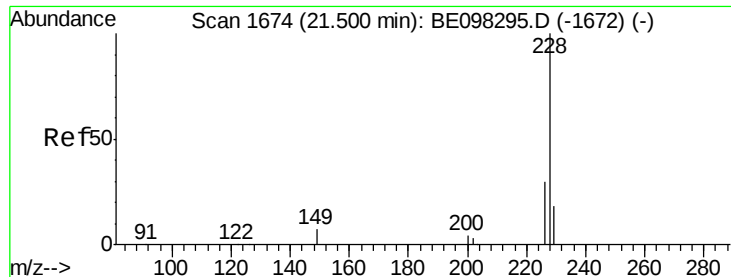


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.021 ng

RT: 21.50 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BE098356.D

Acq: 12 Dec 2018 6:02

Instrument :

BNA_E

ClientSampleId :

BP-DUP03-20181207

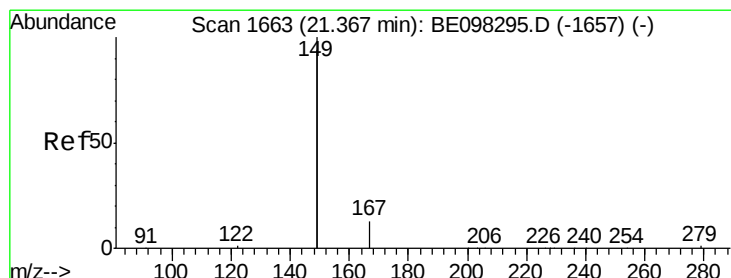
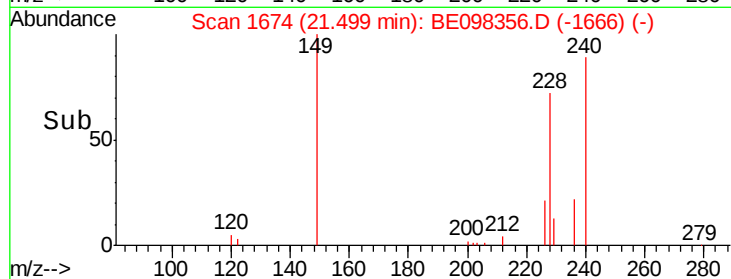
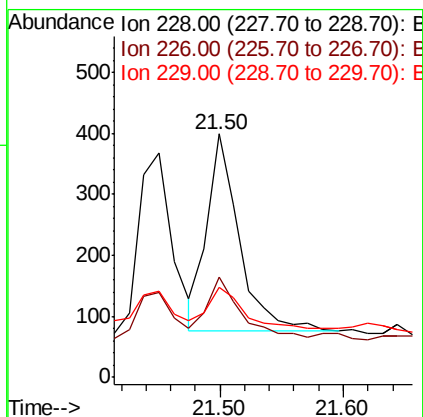
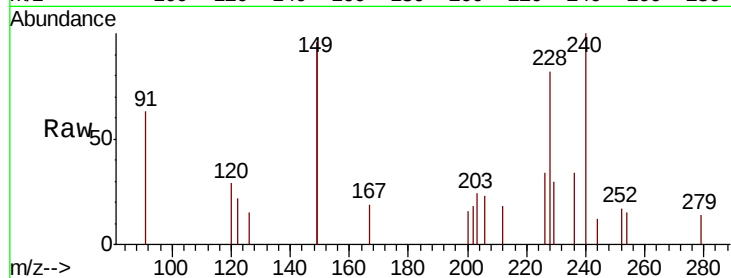
Tot Ion:228 Resp: 589

Ion Ratio Lower Upper

228 100

226 41.1 23.4 35.0#

229 36.8 16.2 24.4#



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.096 ng

RT: 21.37 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BE098356.D

Acq: 12 Dec 2018 6:02

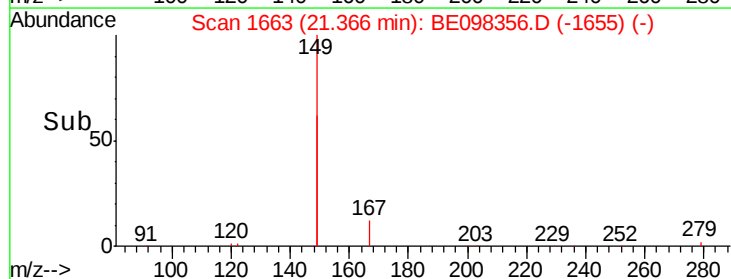
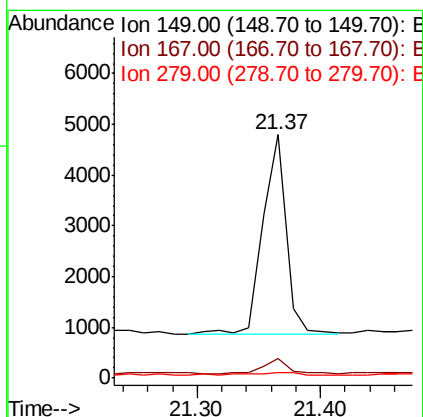
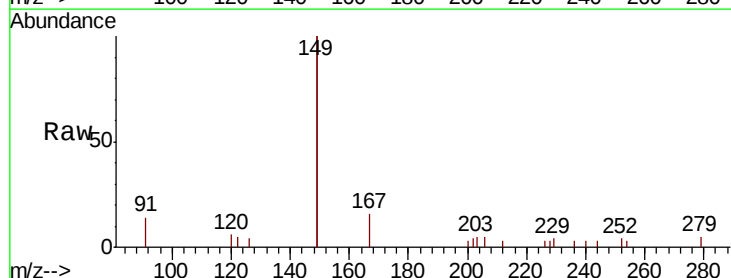
Tgt Ion:149 Resp: 5258

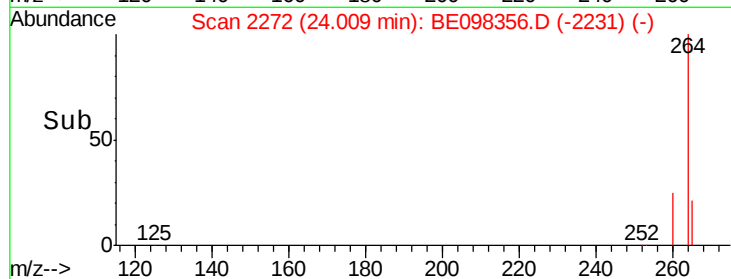
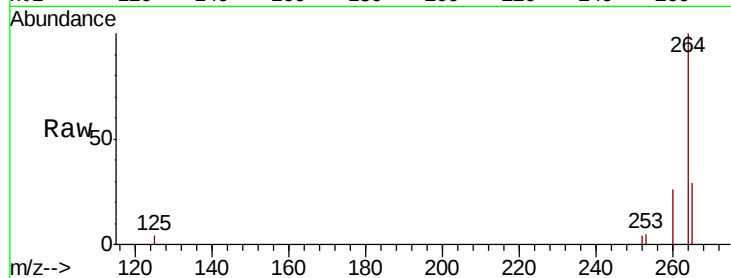
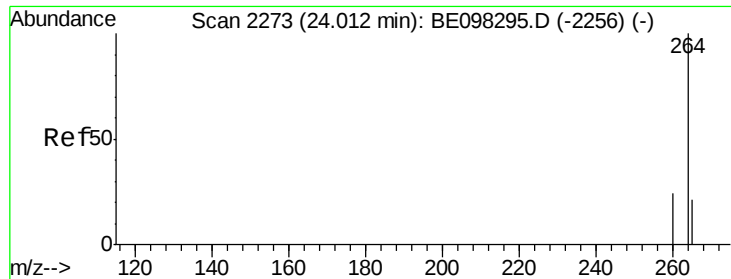
Ion Ratio Lower Upper

149 100

167 7.6 5.7 8.5

279 1.6 1.0 1.4#





#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 24.01 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: BE098356.D
 Acq: 12 Dec 2018 6:02

Instrument :
 BNA_E
 ClientSampleId :
 BP-DUP03-20181207

Tot Ion:264 Resp: 9088
 Ion Ratio Lower Upper
 264 100
 260 26.4 20.2 30.2
 265 29.2 25.2 37.8

