

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121518\
 Data File : BE098480.D
 Acq On : 15 Dec 2018 20:01
 Operator : SJ/JU
 Sample : J6405-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DUP04-20181210

Quant Time: Dec 16 02:54:55 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

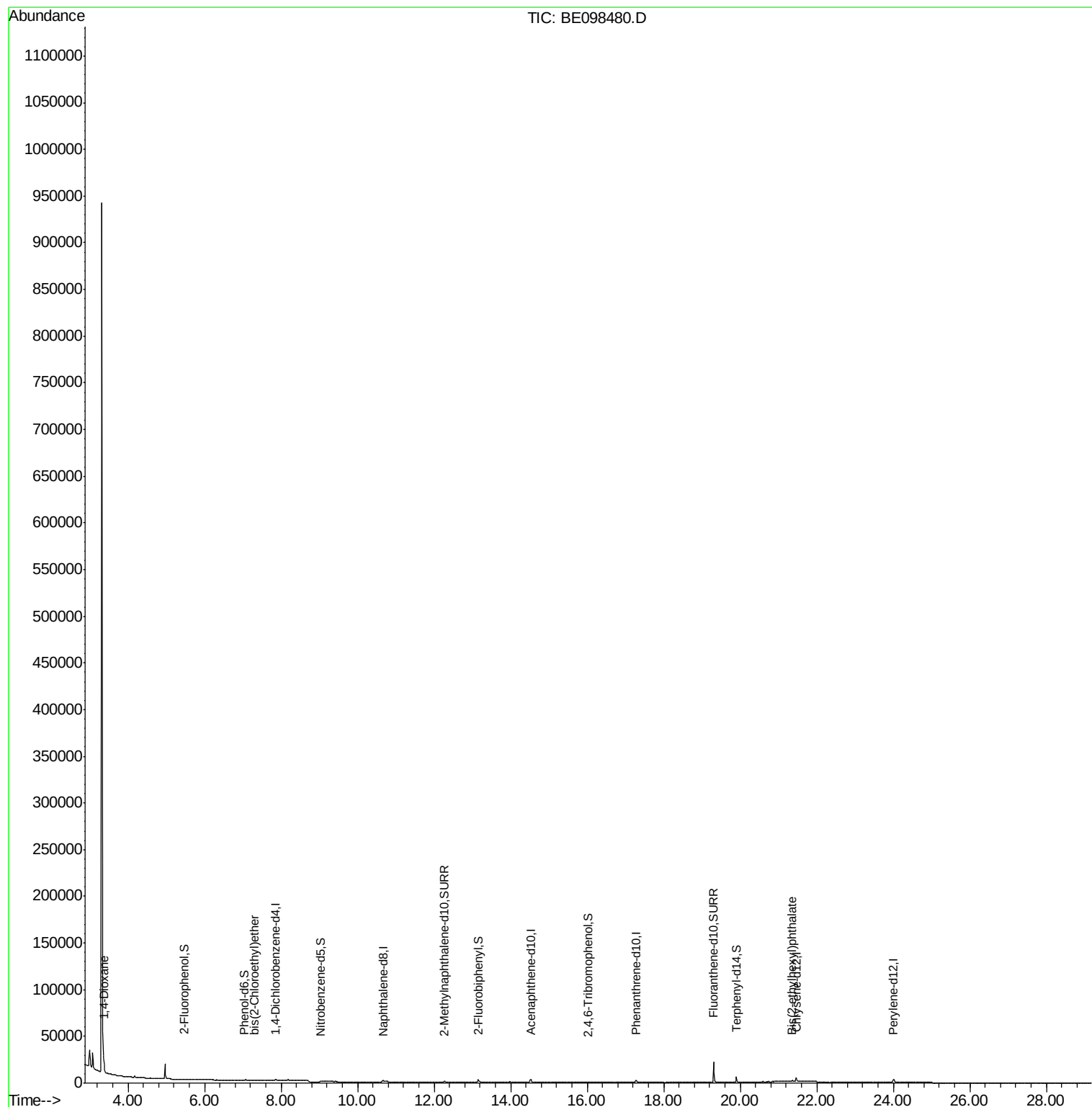
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	730	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	3191	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2024	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	5400	0.40	ng	-0.01
27) Chrysene-d12	21.46	240	6504	0.40	ng	0.00
34) Perylene-d12	24.00	264	6313	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	357	0.21	ng	0.01
5) Phenol-d6	7.04	99	285	0.12	ng	0.00
8) Nitrobenzene-d5	9.04	82	1093	0.38	ng	0.03
11) 2-Methylnaphthalene-d10	12.27	152	2304	0.44	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	327	0.44	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	3745	0.44	ng	0.00
25) Fluoranthene-d10	19.30	212	33811	0.49	ng	0.00
29) Terphenyl-d14	19.90	244	6848	0.43	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.37	88	3709	2.938	ng	# 90
6) bis(2-Chloroethyl)ether	7.30	93	226	0.098	ng	# 94
32) Bis(2-ethylhexyl)phthalate	21.35	149	2170	0.058	ng	# 98

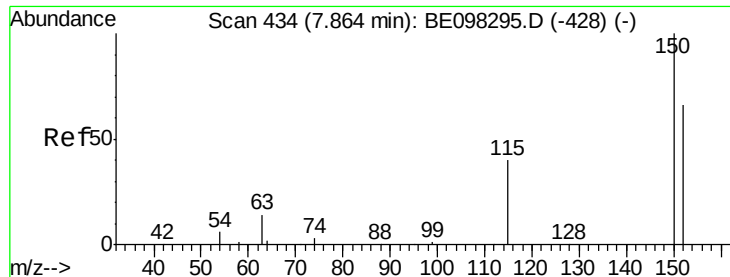
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 14 Sample Multiplier: 1

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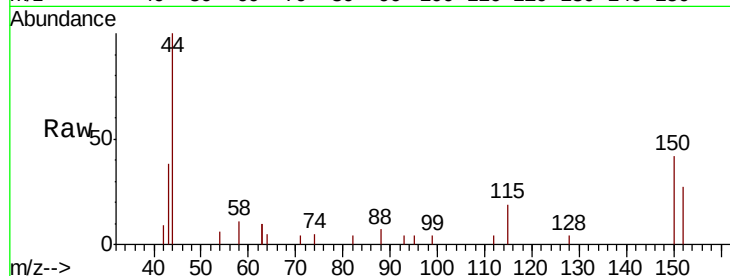


#1

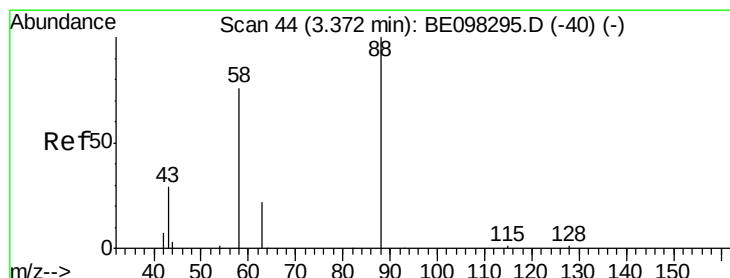
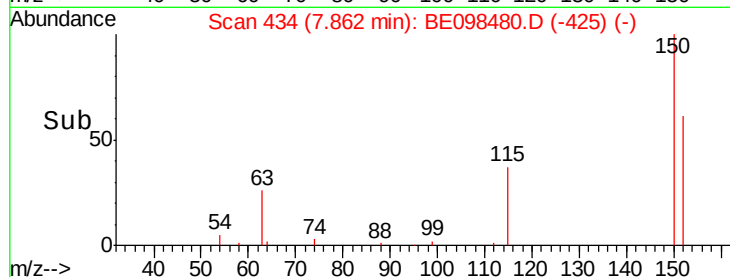
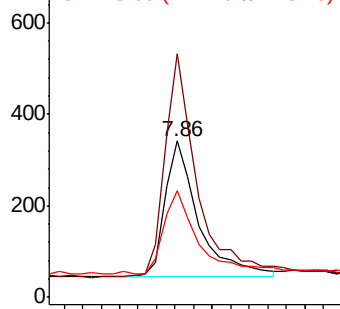
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098480.D
Acq: 15 Dec 2018 20:01

Instrument :
BNA_E
ClientSampleId :
DUP04-20181210

Tot Ion:152 Resp: 730
Ion Ratio Lower Upper
152 100
150 156.0 124.2 186.4
115 68.3 53.9 80.9



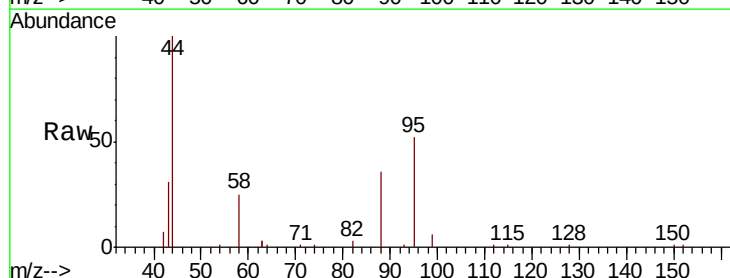
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



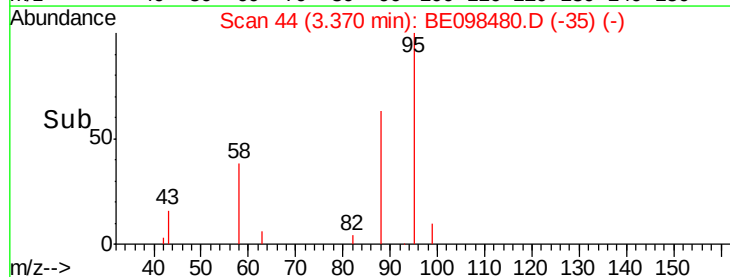
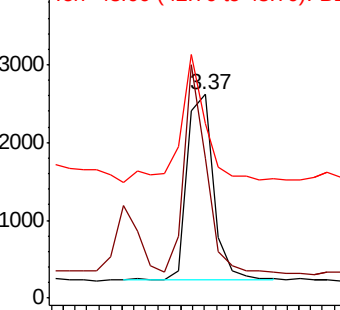
#2

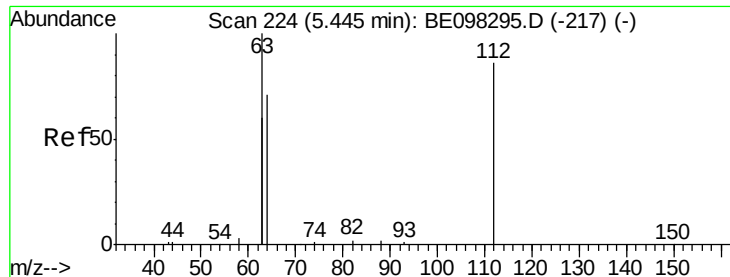
1,4-Dioxane
Concen: 2.938 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098480.D
Acq: 15 Dec 2018 20:01

Tgt Ion: 88 Resp: 3709
Ion Ratio Lower Upper
88 100
58 92.8 75.0 112.6
43 67.2 38.3 57.5#



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





#4

2-Fluorophenol

Concen: 0.209 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098480.D

Acq: 15 Dec 2018 20:01

Instrument :

BNA_E

ClientSampleId :

DUP04-20181210

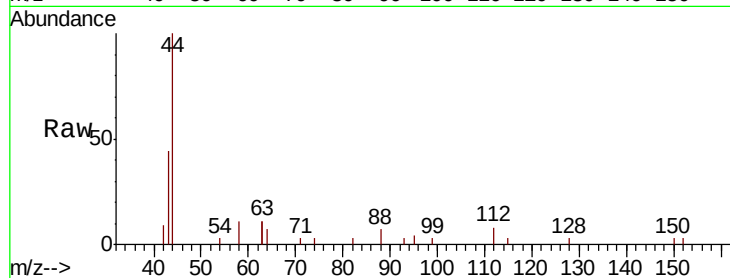
Tot Ion:112 Resp: 357

Ion Ratio Lower Upper

112 100

64 83.8 59.8 89.8

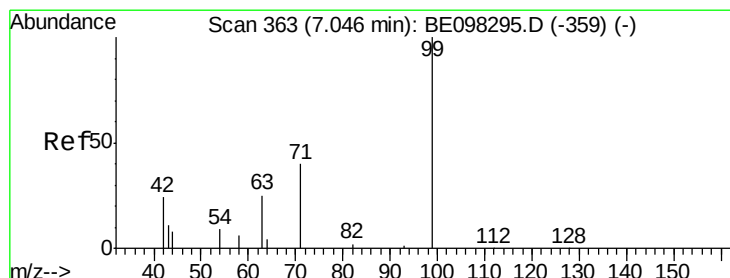
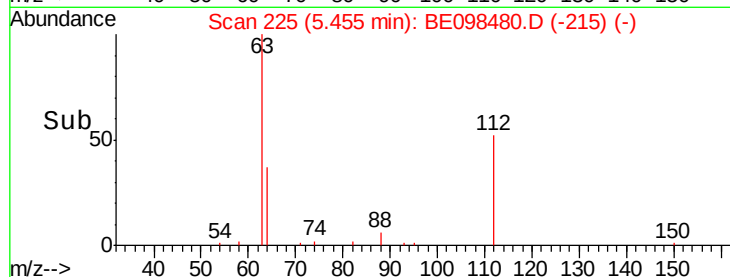
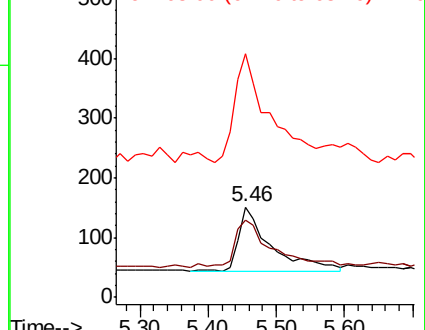
63 180.4 133.7 200.5



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.118 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098480.D

Acq: 15 Dec 2018 20:01

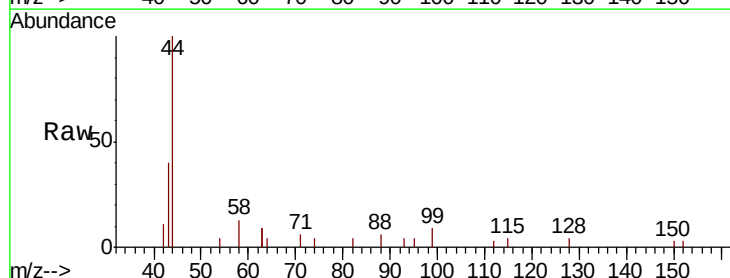
Tgt Ion: 99 Resp: 285

Ion Ratio Lower Upper

99 100

42 65.3 26.3 39.5#

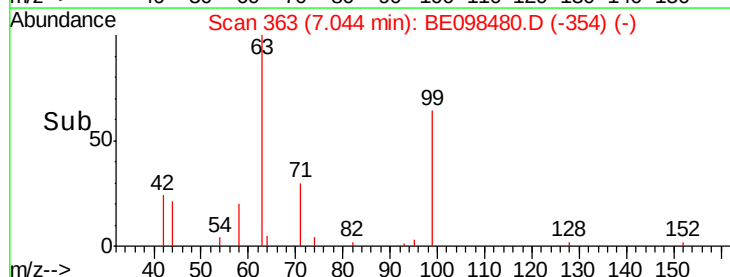
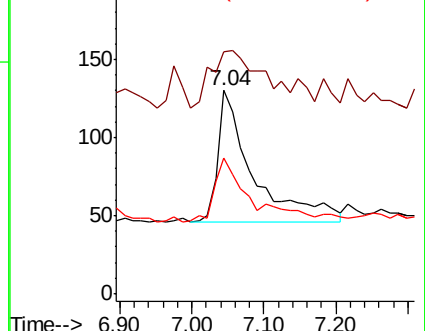
71 48.4 33.6 50.4

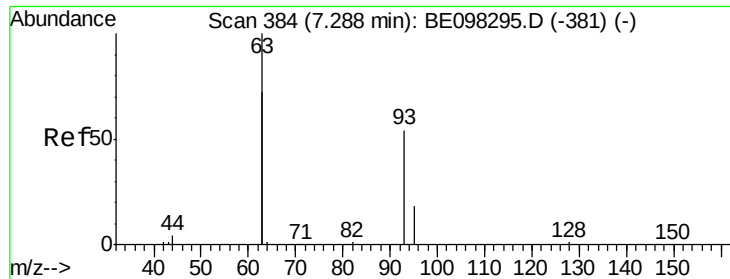


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

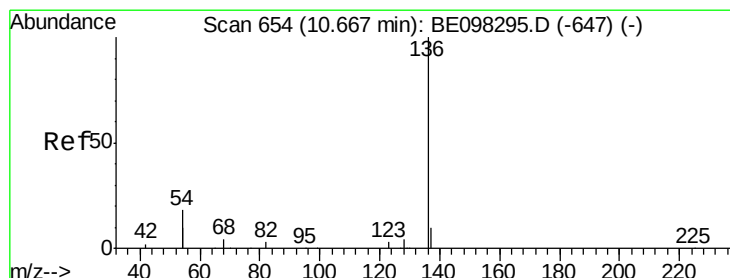
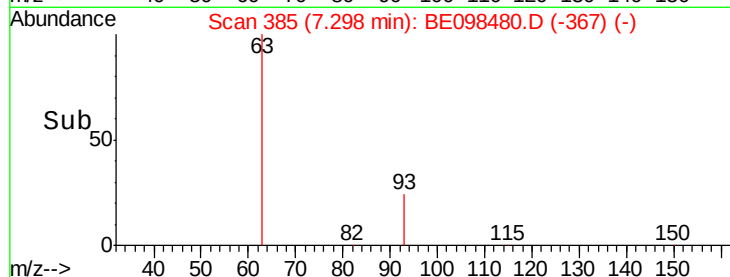
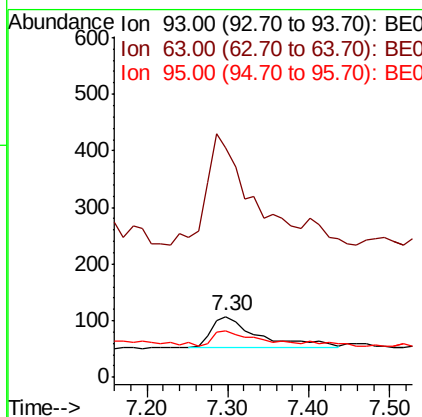
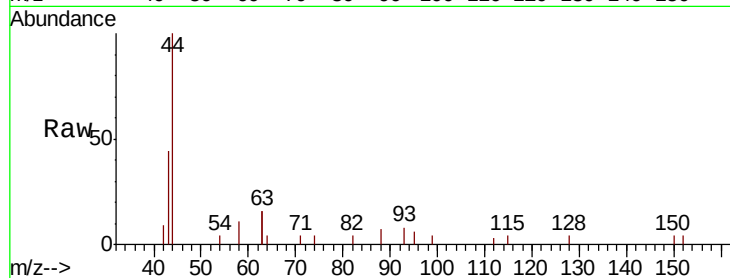




#6
 bis(2-Chloroethyl)ether
 Concen: 0.098 ng
 RT: 7.30 min Scan# 385
 Delta R.T. 0.01 min
 Lab File: BE098480.D
 Acq: 15 Dec 2018 20:01

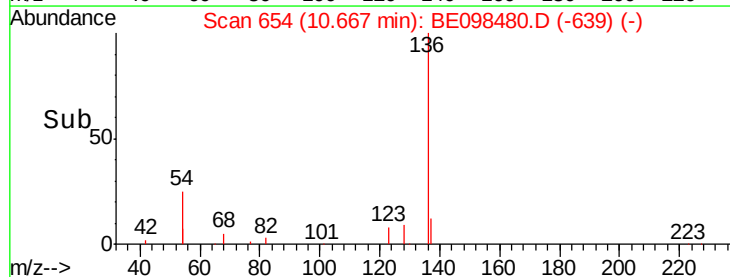
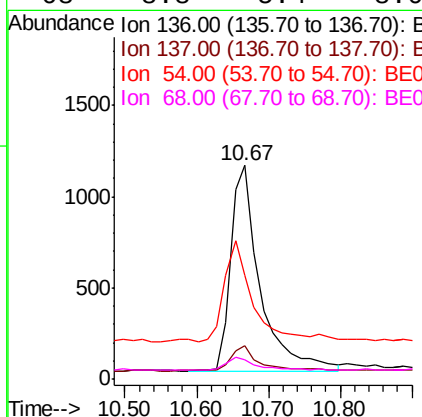
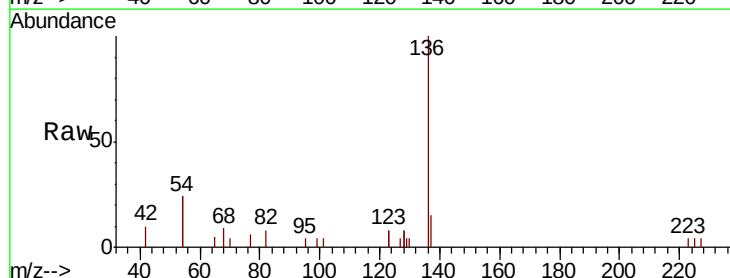
Instrument :
 BNA_E
 ClientSampleId :
 DUP04-20181210

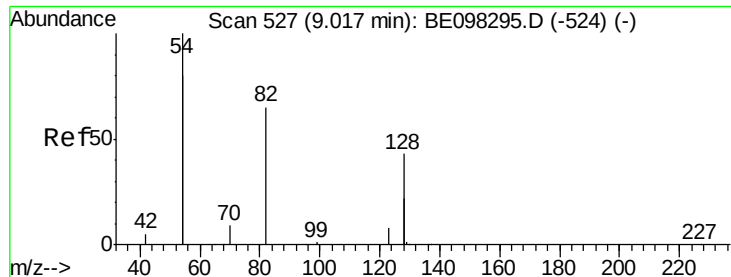
Tot Ion:	93	Resp:	226
Ion	Ratio	Lower	Upper
93	100		
63	322.1	264.4	396.6
95	48.2	26.6	40.0#



#7
 Naphthalene-d8
 Concen: 0.400 ng
 RT: 10.67 min Scan# 654
 Delta R.T. 0.00 min
 Lab File: BE098480.D
 Acq: 15 Dec 2018 20:01

Tgt Ion:	136	Resp:	3191
Ion	Ratio	Lower	Upper
136	100		
137	15.4	9.2	13.8#
54	48.6	28.4	42.6#
68	8.8	5.4	8.0#





#8

Nitrobenzene-d5

Concen: 0.376 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.03 min

Lab File: BE098480.D

Acq: 15 Dec 2018 20:01

Instrument :

BNA_E

ClientSampleId :

DUP04-20181210

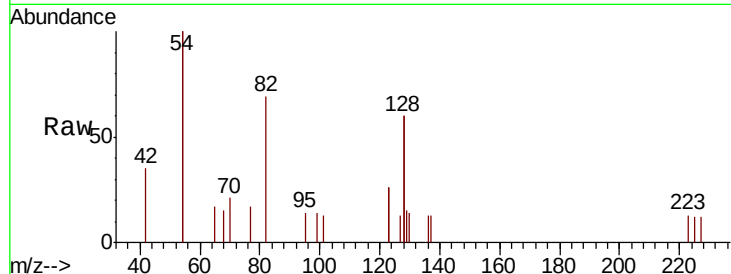
Tot Ion: 82 Resp: 1093

Ion Ratio Lower Upper

82 100

128 172.5 102.4 153.6#

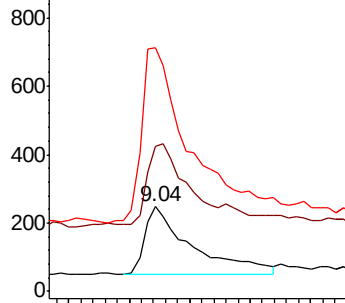
54 288.3 221.8 332.8



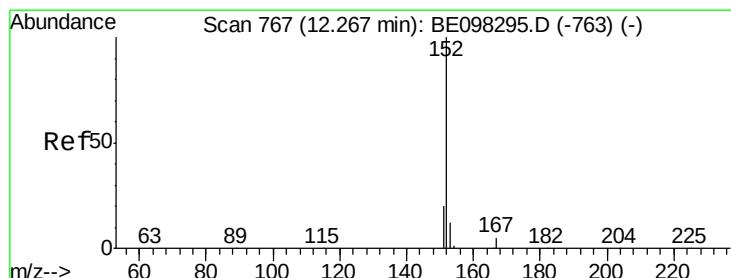
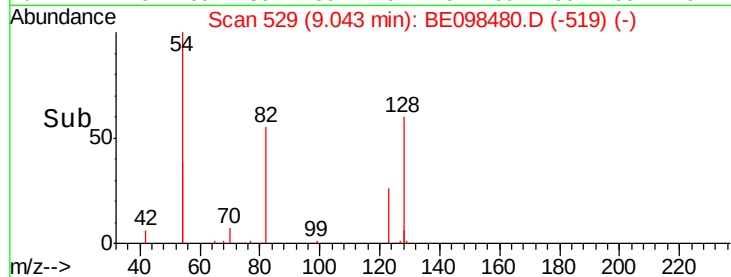
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time--> 8.90 9.00 9.10 9.20 9.30



#11

2-Methylnaphthalene-d10

Concen: 0.444 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098480.D

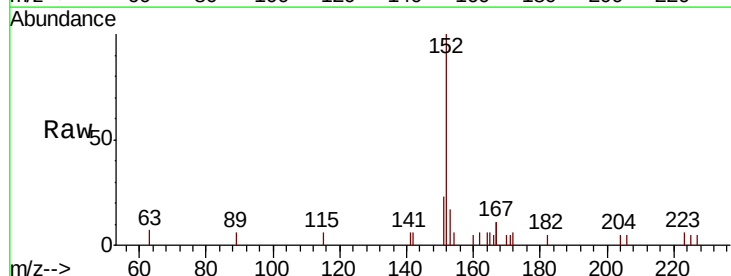
Acq: 15 Dec 2018 20:01

Tgt Ion:152 Resp: 2304

Ion Ratio Lower Upper

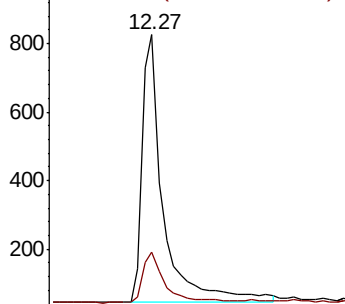
152 100

151 19.6 16.2 24.4

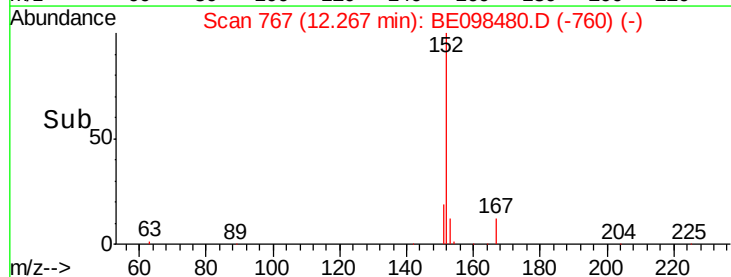


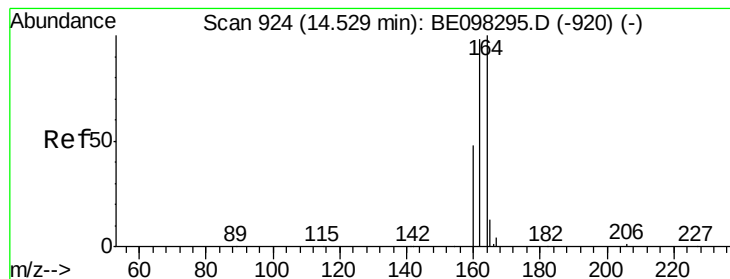
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



Time--> 12.20 12.40 12.60





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 924

Delta R.T. 0.00 min

Lab File: BE098480.D

Acq: 15 Dec 2018 20:01

Instrument :

BNA_E

ClientSampleId :

DUP04-20181210

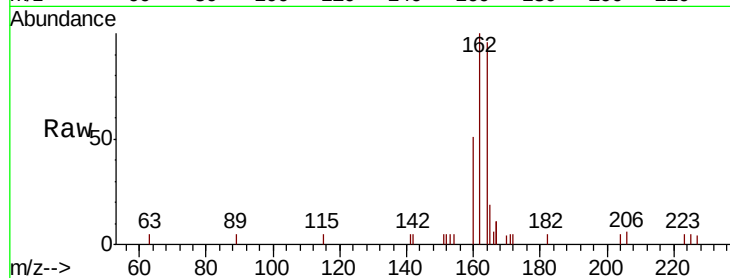
Tot Ion:164 Resp: 2024

Ion Ratio Lower Upper

164 100

162 104.5 77.6 116.4

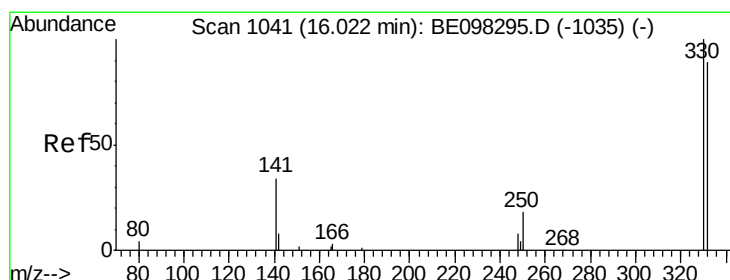
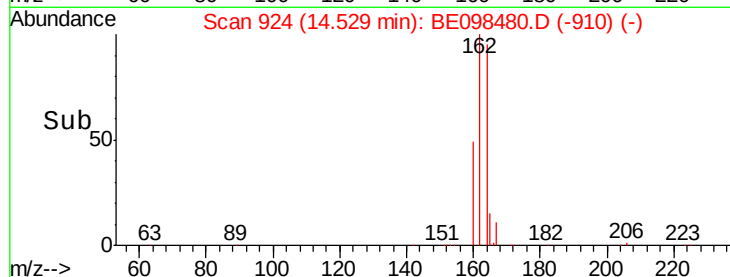
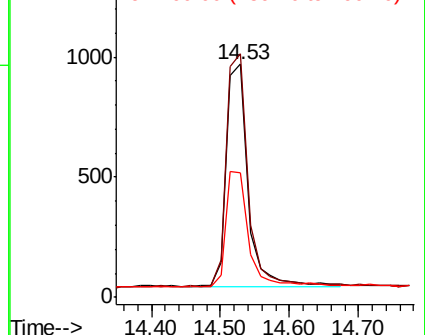
160 53.6 36.0 54.0



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: 0.440 ng

RT: 16.02 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BE098480.D

Acq: 15 Dec 2018 20:01

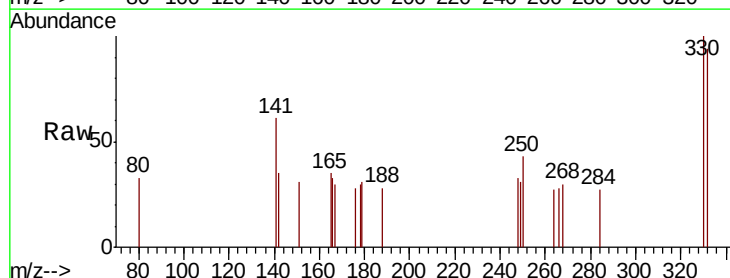
Tgt Ion:330 Resp: 327

Ion Ratio Lower Upper

330 100

332 96.6 76.2 114.4

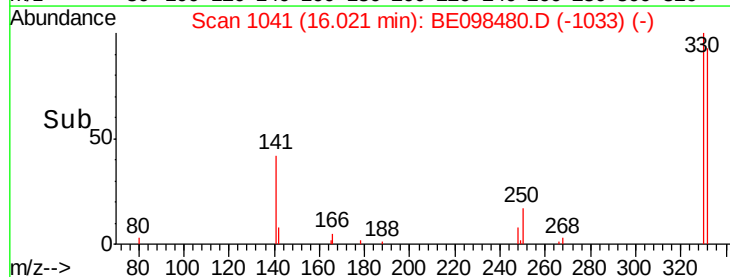
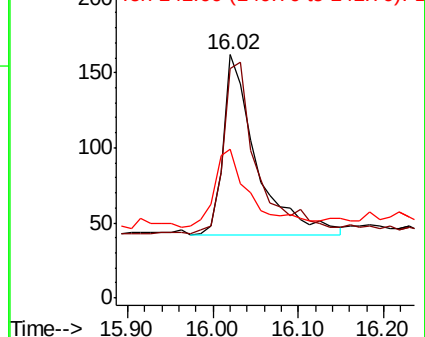
141 47.1 39.0 58.4

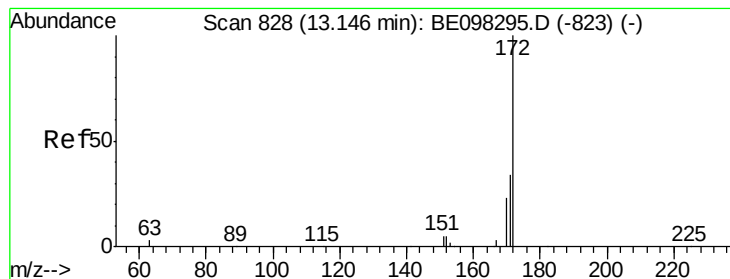


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

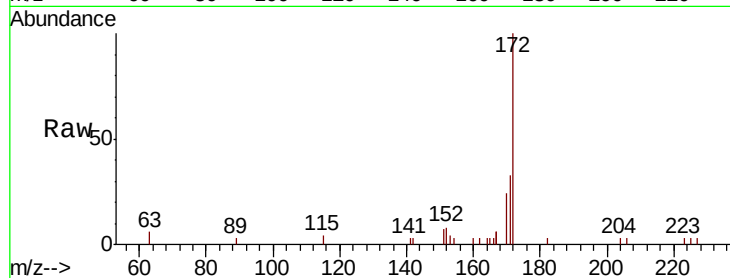




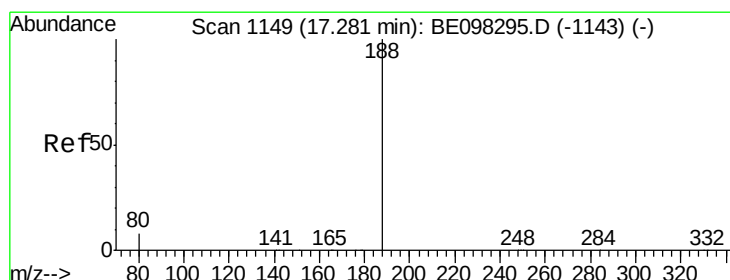
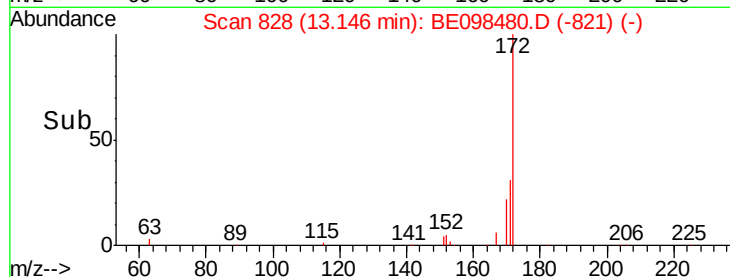
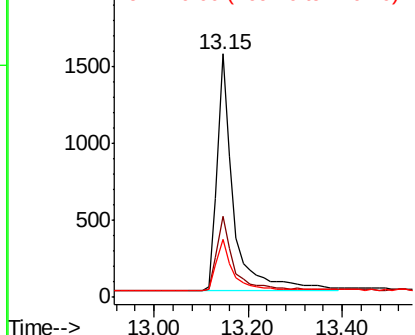
#15
2-Fluorobiphenyl
Concen: 0.439 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BE098480.D
Acq: 15 Dec 2018 20:01

Instrument :
BNA_E
ClientSampleId :
DUP04-20181210

Tot Ion:172 Resp: 3745
Ion Ratio Lower Upper
172 100
171 33.2 27.5 41.3
170 24.0 19.6 29.4

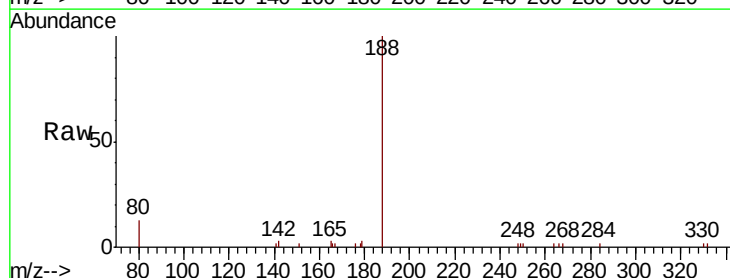


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

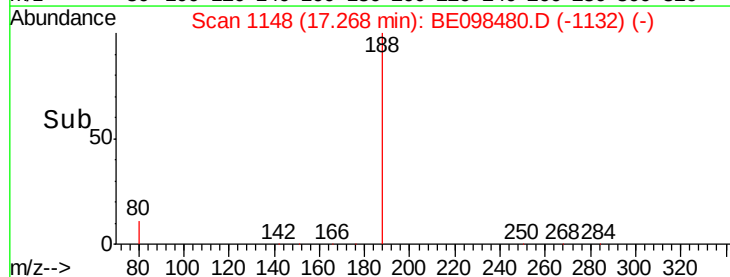
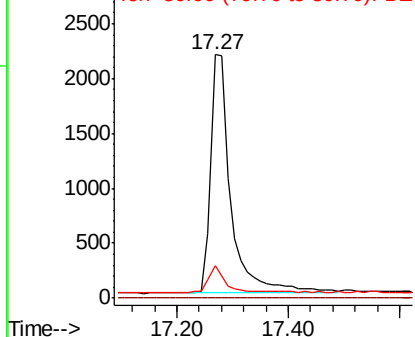


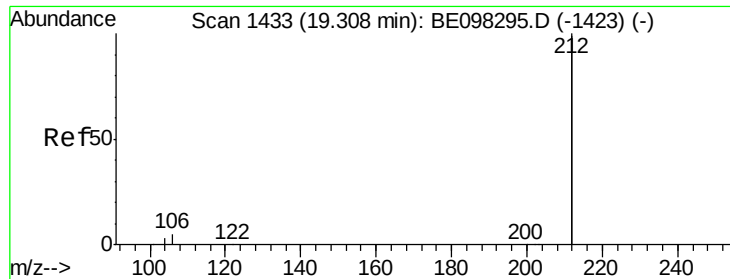
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BE098480.D
Acq: 15 Dec 2018 20:01

Tgt Ion:188 Resp: 5400
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.1 7.2 10.8#



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

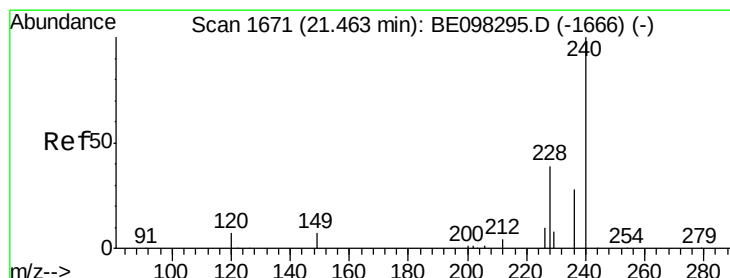
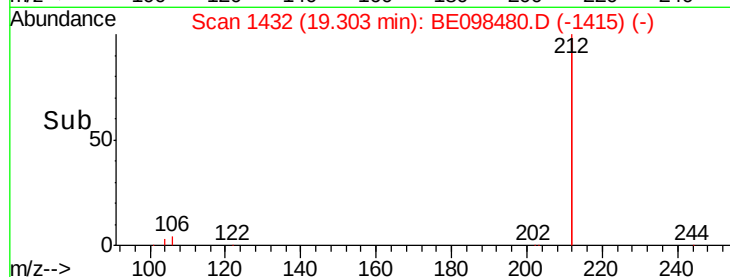
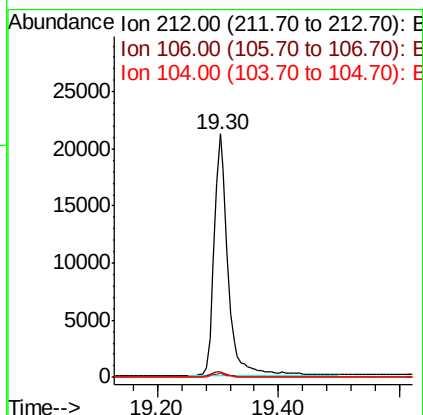
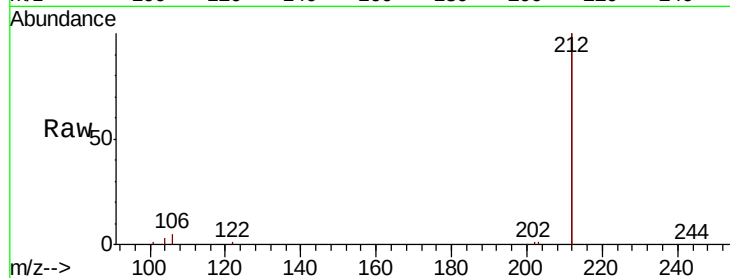




#25
Fluoranthene-d10
Concen: 0.488 ng
RT: 19.30 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BE098480.D
Acq: 15 Dec 2018 20:01

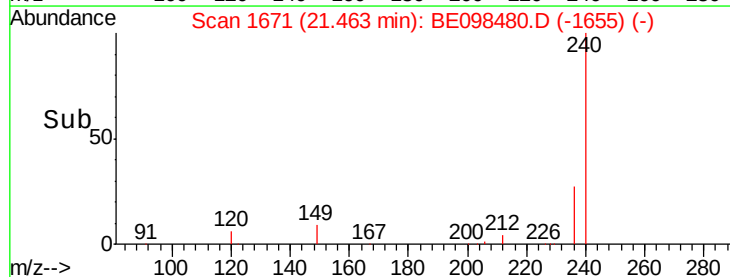
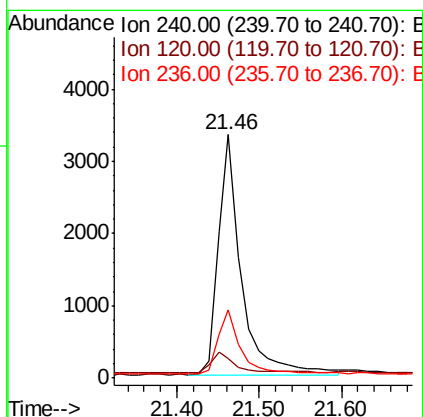
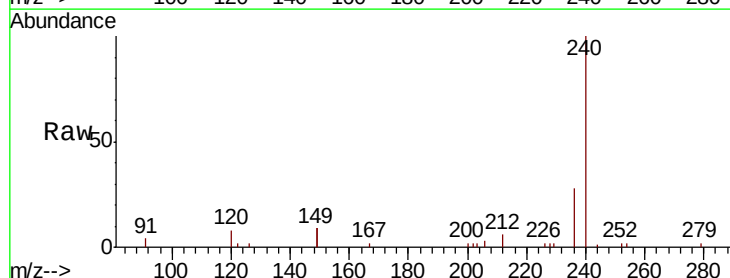
Instrument :
BNA_E
ClientSampleId :
DUP04-20181210

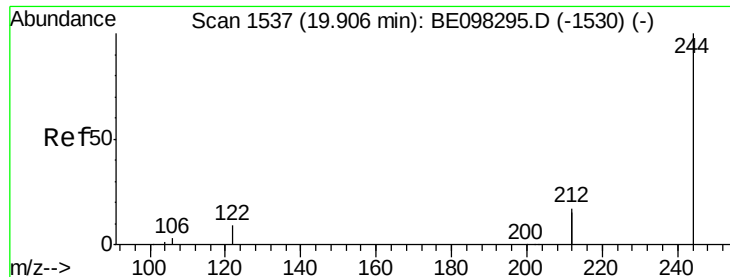
Tot Ion:212 Resp: 33811
Ion Ratio Lower Upper
212 100
106 2.3 2.2 3.2
104 1.3 1.3 1.9



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098480.D
Acq: 15 Dec 2018 20:01

Tgt Ion:240 Resp: 6504
Ion Ratio Lower Upper
240 100
120 8.0 9.5 14.3#
236 28.0 22.7 34.1





#29

Terphenyl-d14

Concen: 0.433 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BE098480.D

Acq: 15 Dec 2018 20:01

Instrument :

BNA_E

ClientSampleId :

DUP04-20181210

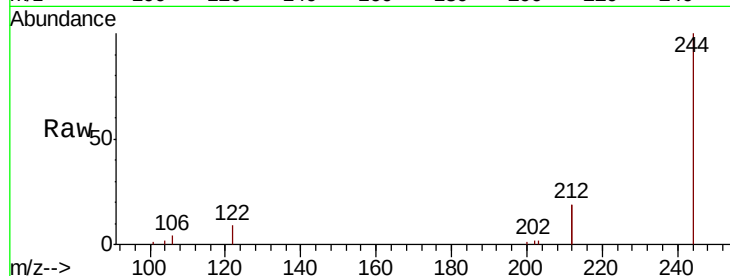
Tot Ion:244 Resp: 6848

Ion Ratio Lower Upper

244 100

212 38.7 27.4 41.0

122 9.3 8.3 12.5

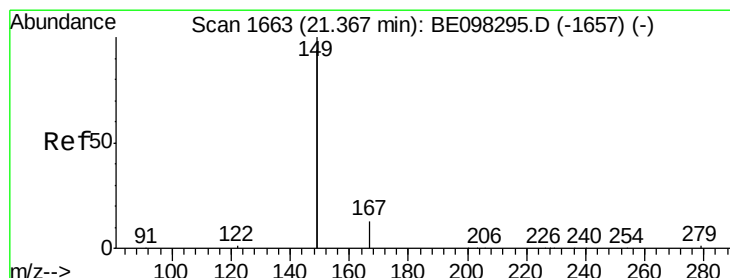
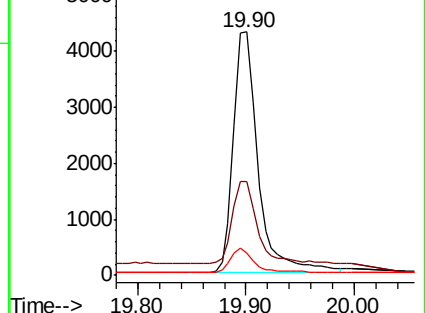
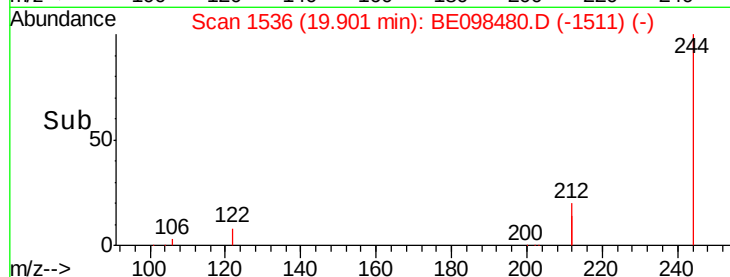


Abundance

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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.058 ng

RT: 21.35 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BE098480.D

Acq: 15 Dec 2018 20:01

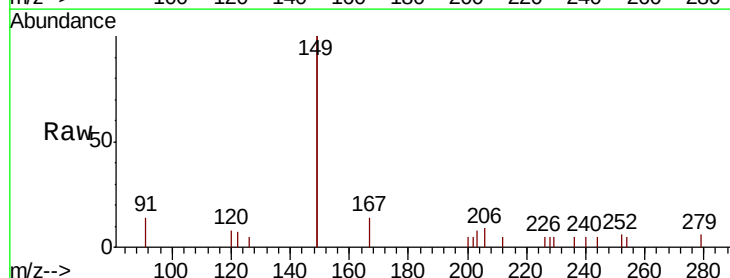
Tgt Ion:149 Resp: 2170

Ion Ratio Lower Upper

149 100

167 6.5 5.7 8.5

279 1.7 1.0 1.4#

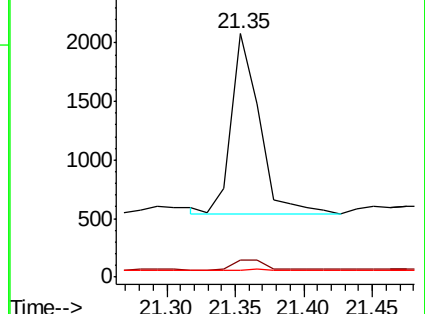
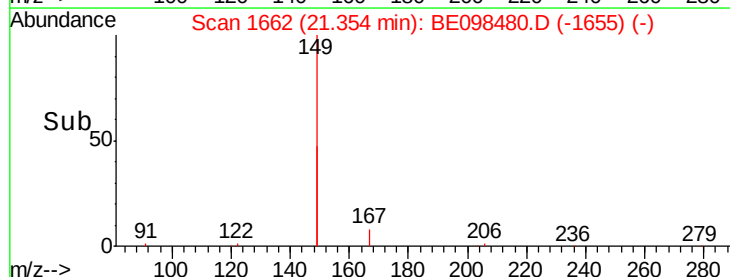


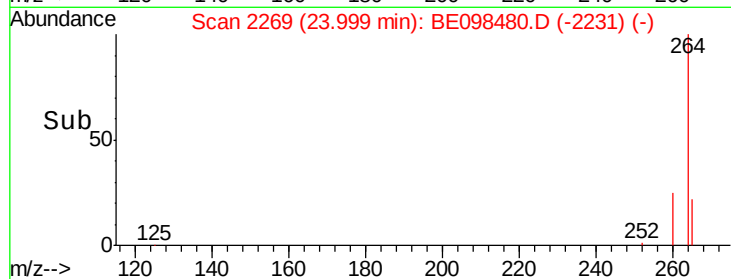
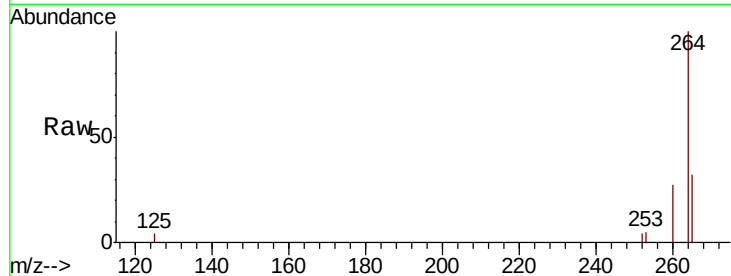
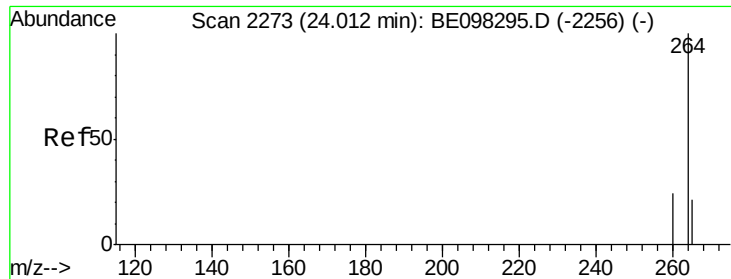
Abundance

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

Pervlene-d12

Concen: 0.400 ng

RT: 24.00 min Scan# 2269

Delta R.T. -0.01 min

Lab File: BE098480.D

Acq: 15 Dec 2018 20:01

Instrument :

BNA_E

ClientSampleId :

DUP04-20181210

Tot Ion:264 Resp: 6313

Ion Ratio Lower Upper

264 100

260 27.1 20.2 30.2

265 32.5 25.2 37.8

