

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121318\
 Data File : BE098406.D
 Acq On : 13 Dec 2018 20:49
 Operator : SJ/JU
 Sample : J6323-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DUP02-20181206

Quant Time: Dec 13 23:13:25 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

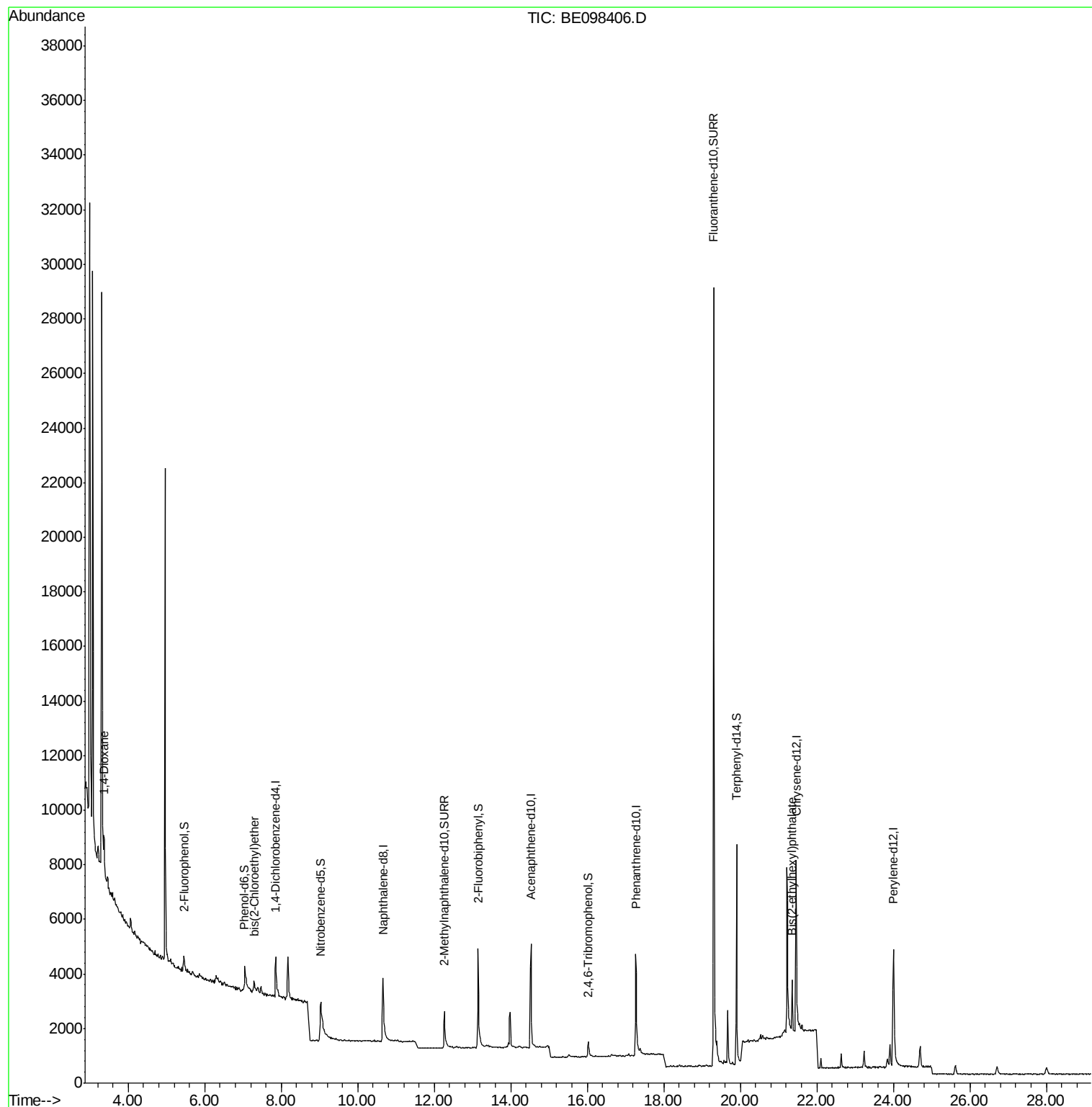
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	933	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4052	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2681	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	6907	0.40	ng	-0.01
27) Chrysene-d12	21.46	240	8639	0.40	ng	0.00
34) Perylene-d12	24.00	264	8165	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	491	0.22	ng	0.00
5) Phenol-d6	7.04	99	447	0.14	ng	0.00
8) Nitrobenzene-d5	9.04	82	1459	0.40	ng	0.03
11) 2-Methylnaphthalene-d10	12.27	152	2785	0.42	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	456	0.46	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	4931	0.44	ng	0.00
25) Fluoranthene-d10	19.30	212	44195	0.50	ng	0.00
29) Terphenyl-d14	19.90	244	8155	0.39	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.37	88	688	0.426	ng	# 42
6) bis(2-Chloroethyl)ether	7.29	93	227	0.077	ng	# 85
32) Bis(2-ethylhexyl)phthalate	21.35	149	2671	0.053	ng	99

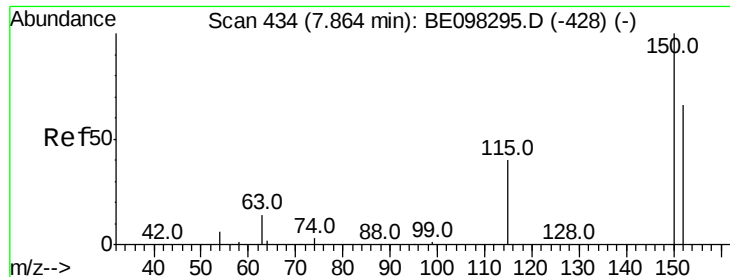
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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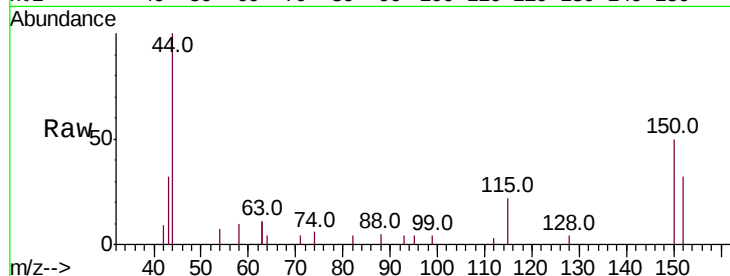


#1

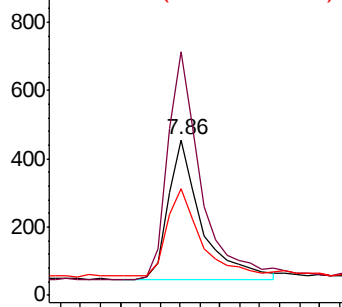
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098406.D
Acq: 13 Dec 2018 20:49

Instrument :
BNA_E
ClientSampleId :
DUP02-20181206

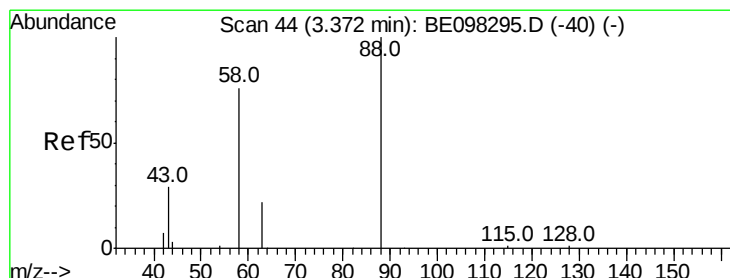
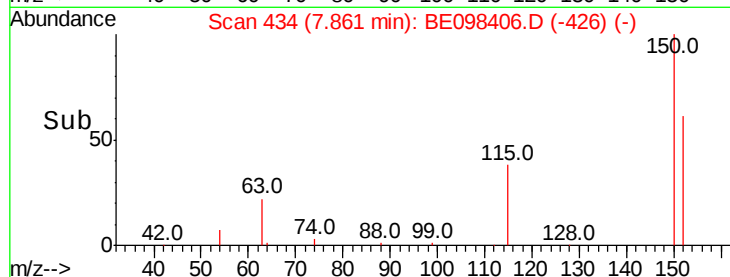
Tot Ion:152 Resp: 933
Ion Ratio Lower Upper
152 100
150 156.4 124.2 186.4
115 68.9 53.9 80.9



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



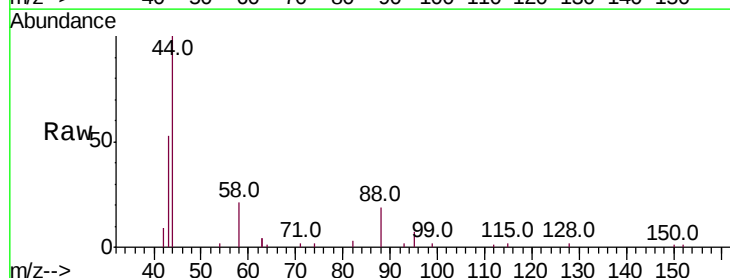
Time-->



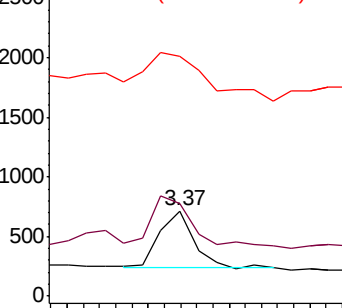
#2

1,4-Dioxane
Concen: 0.426 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098406.D
Acq: 13 Dec 2018 20:49

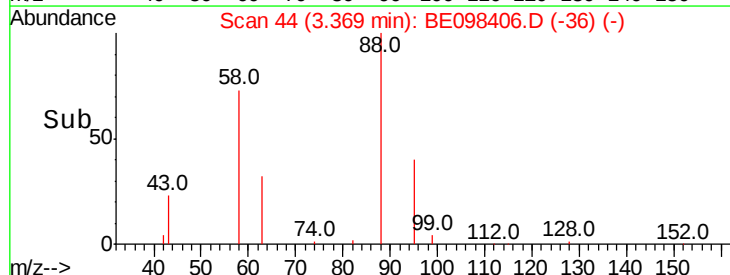
Tgt Ion: 88 Resp: 688
Ion Ratio Lower Upper
88 100
58 99.4 75.0 112.6
43 155.4 38.3 57.5#

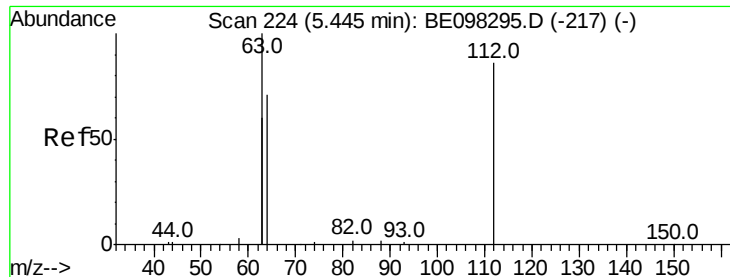


Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0



Time-->





#4

2-Fluorophenol

Concen: 0.225 ng

RT: 5.45 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098406.D

Acq: 13 Dec 2018 20:49

Instrument :

BNA_E

ClientSampleId :

DUP02-20181206

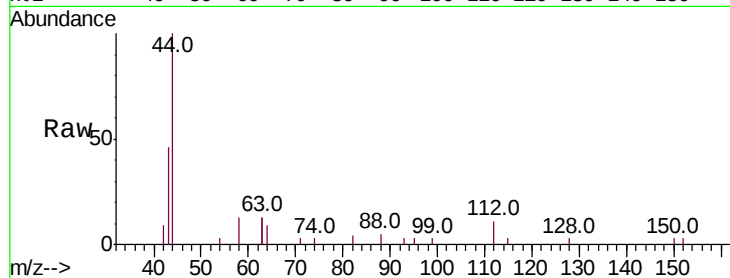
Tot Ion: 112 Resp: 491

Ion Ratio Lower Upper

112 100

64 76.8 59.8 89.8

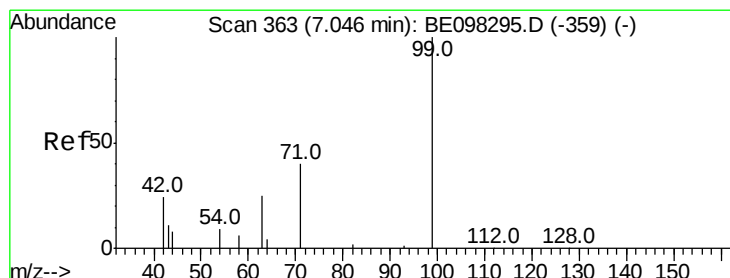
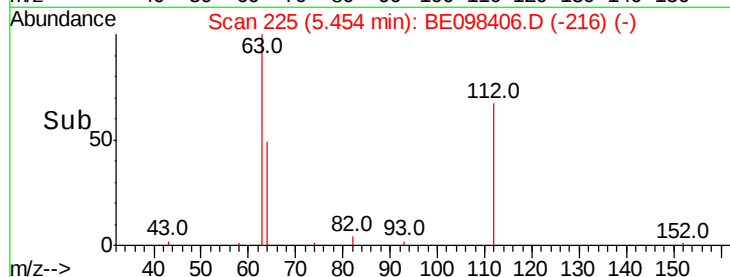
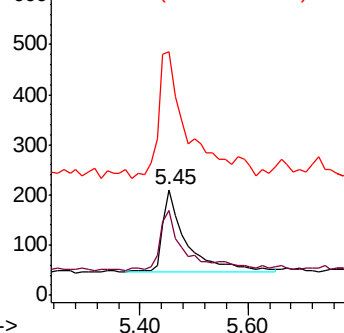
63 189.4 133.7 200.5



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: 0.145 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098406.D

Acq: 13 Dec 2018 20:49

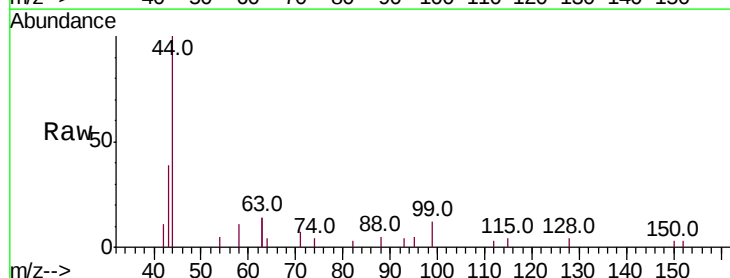
Tgt Ion: 99 Resp: 447

Ion Ratio Lower Upper

99 100

42 26.8 26.3 39.5

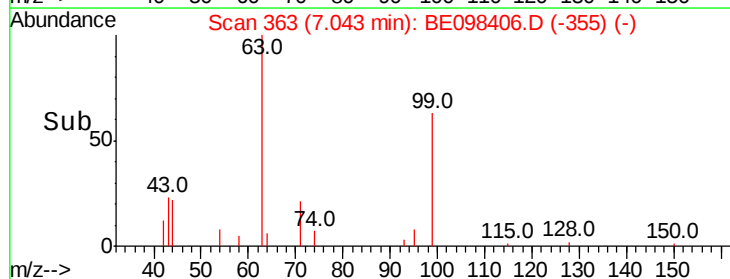
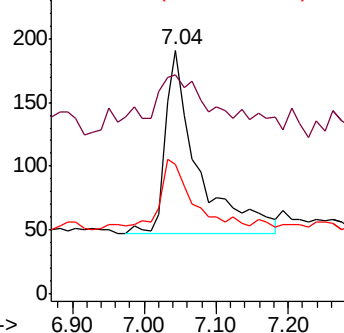
71 34.7 33.6 50.4

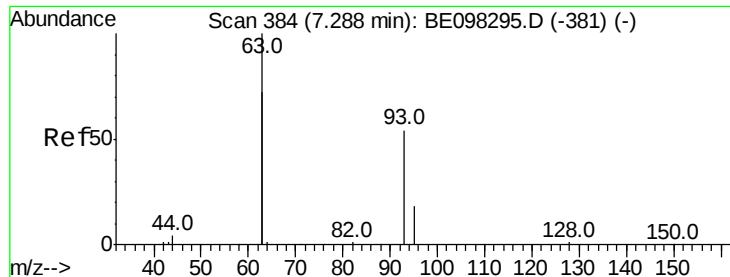


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.077 ng

RT: 7.29 min Scan# 384

Delta R.T. -0.00 min

Lab File: BE098406.D

Acq: 13 Dec 2018 20:49

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DUP02-20181206

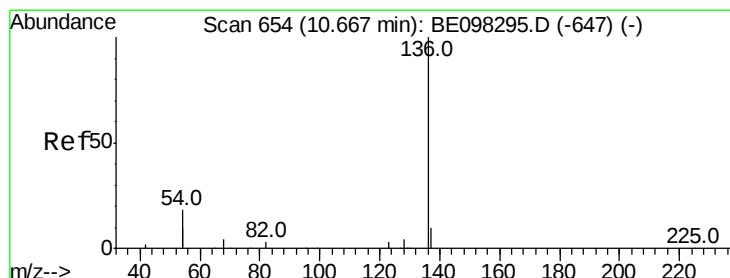
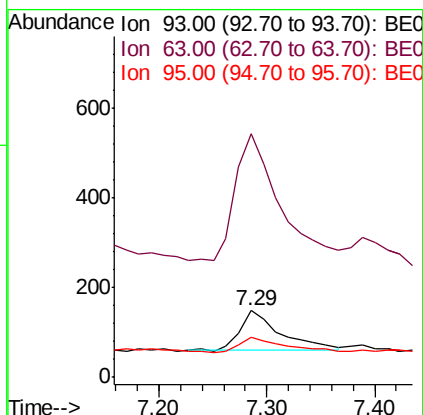
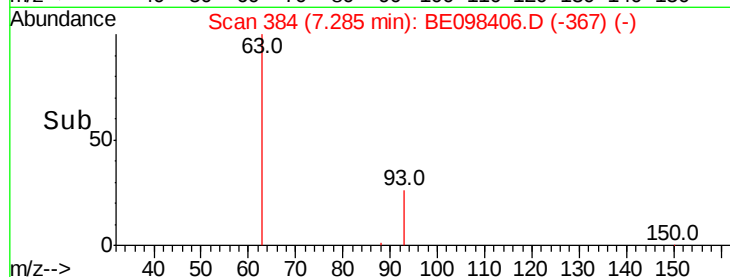
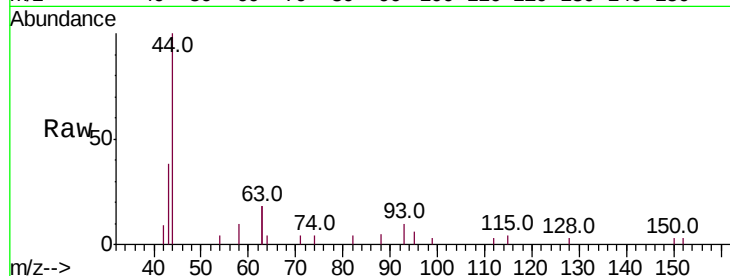
Tot Ion: 93 Resp: 227

Ion Ratio Lower Upper

93 100

63 362.1 264.4 396.6

95 43.2 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: BE098406.D

Acq: 13 Dec 2018 20:49

Tgt Ion: 136 Resp: 4052

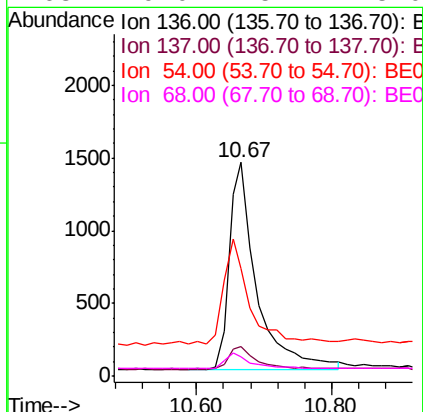
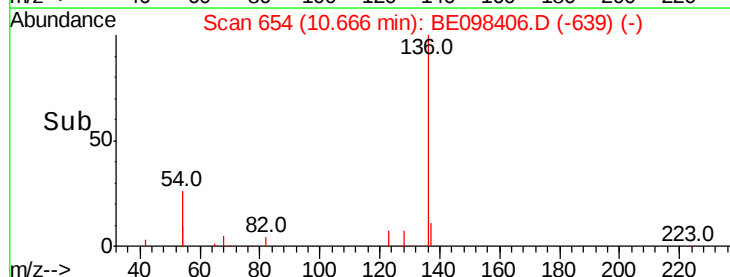
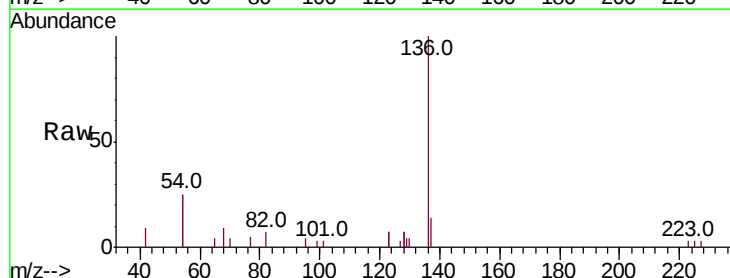
Ion Ratio Lower Upper

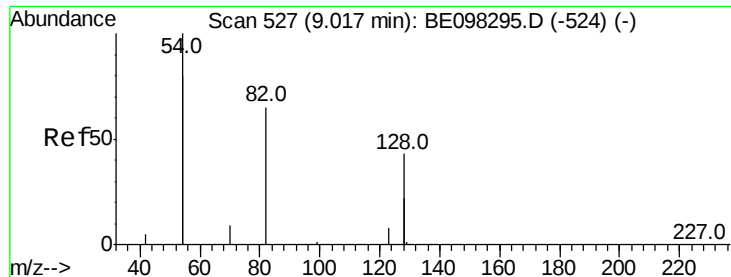
136 100

137 13.5 9.2 13.8

54 50.1 28.4 42.6#

68 9.0 5.4 8.0#

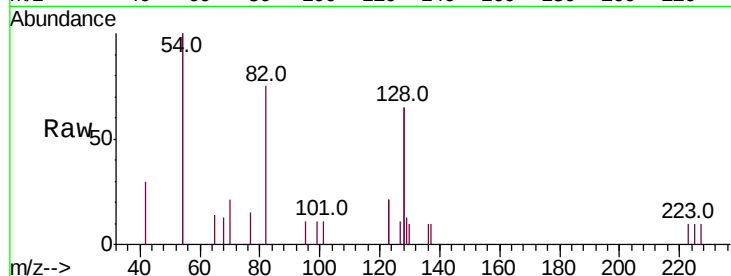




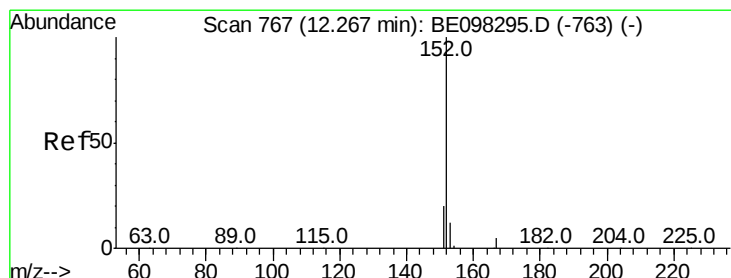
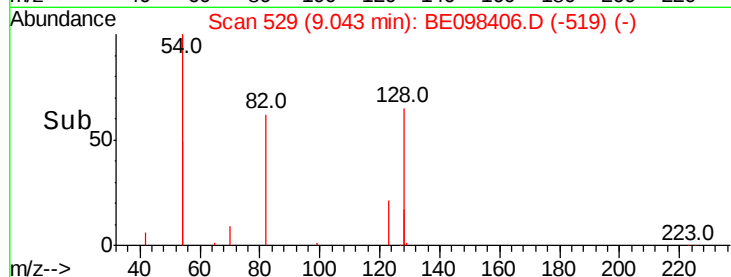
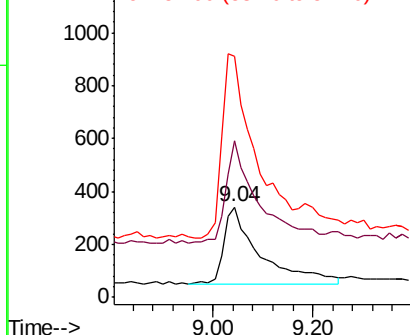
#8
 Nitrobenzene-d5
 Concen: 0.396 ng
 RT: 9.04 min Scan# 529
 Delta R.T. 0.03 min
 Lab File: BE098406.D
 Acq: 13 Dec 2018 20:49

Instrument :
 BNA_E
 ClientSampleId :
 DUP02-20181206

Tot Ion: 82 Resp: 1459
 Ion Ratio Lower Upper
 82 100
 128 174.1 102.4 153.6#
 54 267.6 221.8 332.8

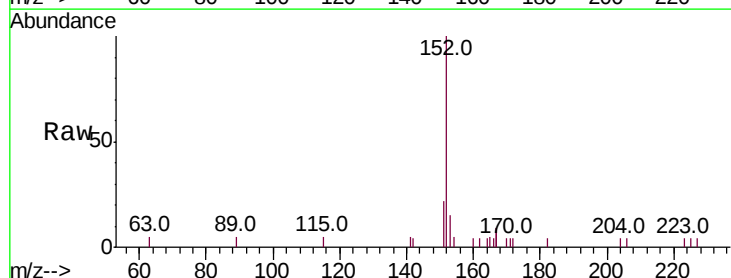


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BE0

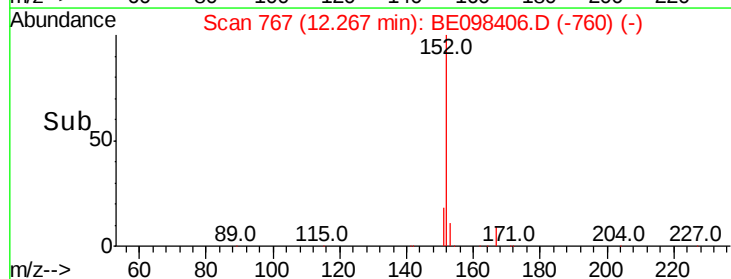
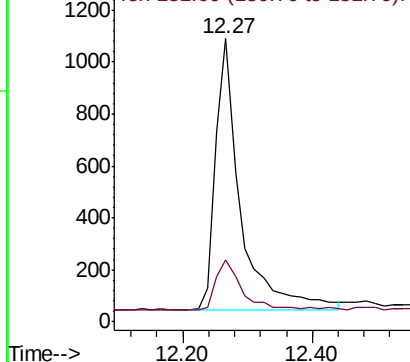


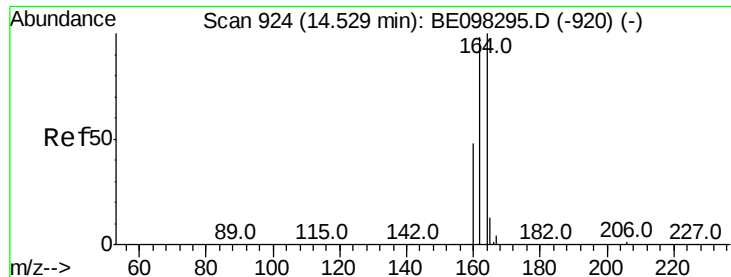
#11
 2-Methylnaphthalene-d10
 Concen: 0.423 ng
 RT: 12.27 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BE098406.D
 Acq: 13 Dec 2018 20:49

Tgt Ion: 152 Resp: 2785
 Ion Ratio Lower Upper
 152 100
 151 20.0 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E

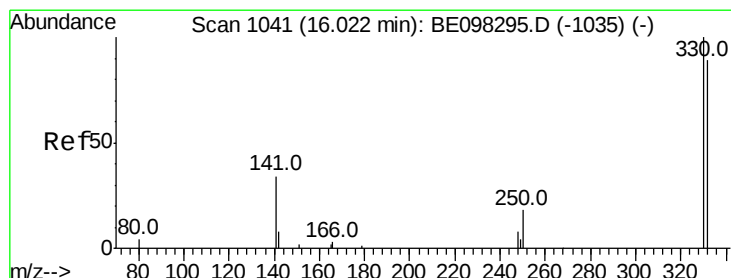
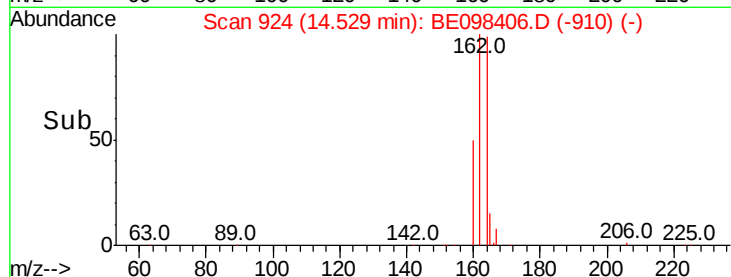
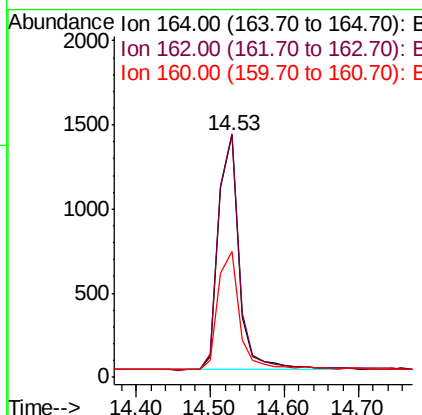
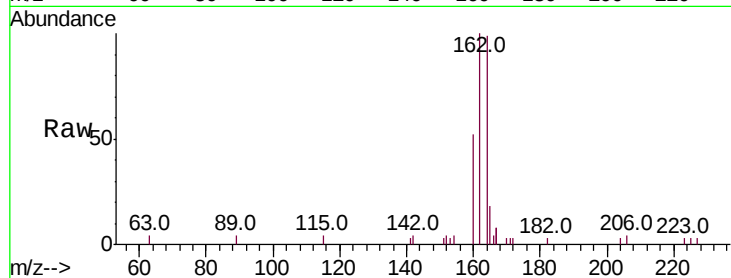




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: BE098406.D
 Acq: 13 Dec 2018 20:49

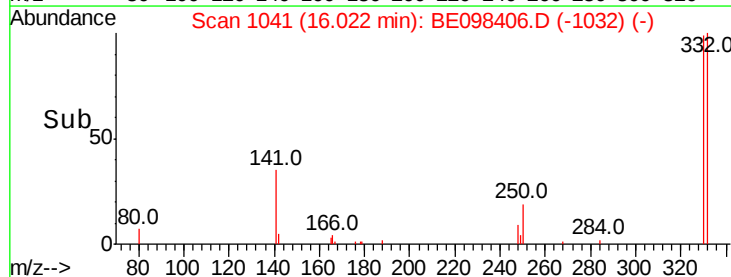
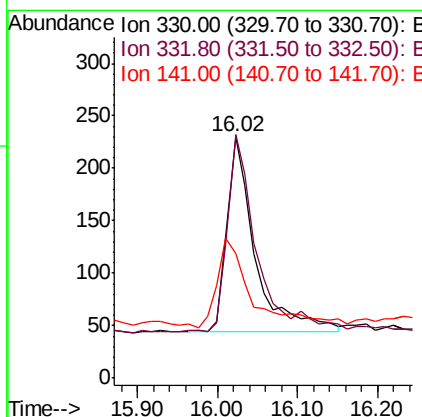
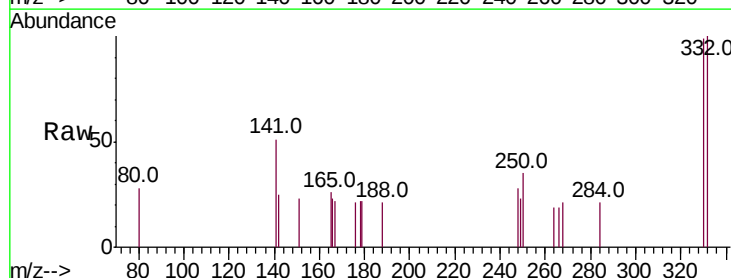
Instrument :
 BNA_E
 ClientSampleId :
 DUP02-20181206

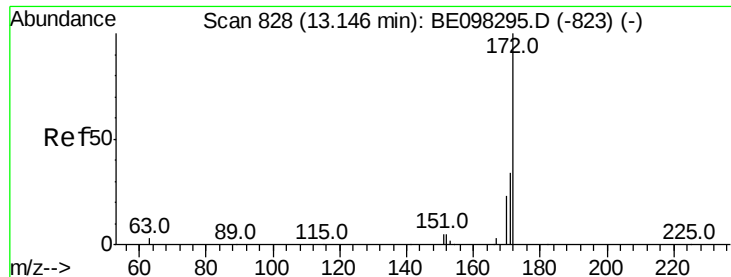
Tot Ion:164 Resp: 2681
 Ion Ratio Lower Upper
 164 100
 162 100.6 77.6 116.4
 160 52.3 36.0 54.0



#14
 2,4,6-Tribromophenol
 Concen: 0.463 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BE098406.D
 Acq: 13 Dec 2018 20:49

Tgt Ion:330 Resp: 456
 Ion Ratio Lower Upper
 330 100
 332 106.4 76.2 114.4
 141 50.2 39.0 58.4

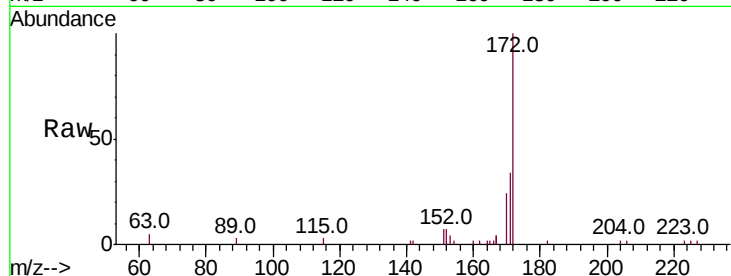




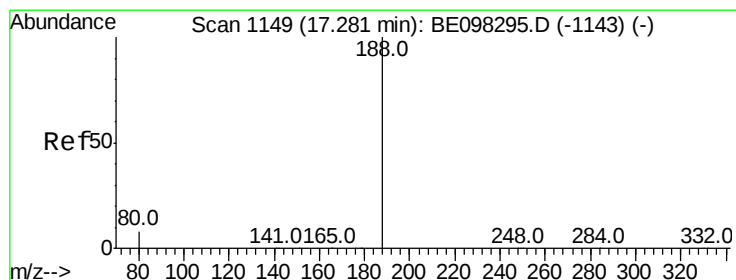
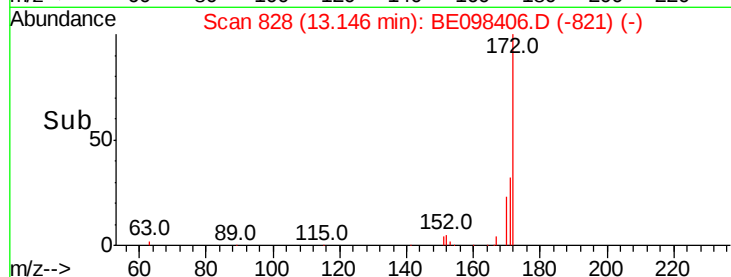
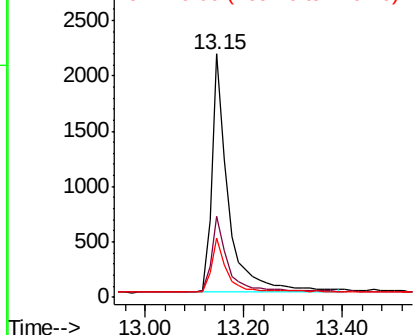
#15
2-Fluorobiphenyl
Concen: 0.436 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098406.D
Acq: 13 Dec 2018 20:49

Instrument :
BNA_E
ClientSampleId :
DUP02-20181206

Tot Ion:172 Resp: 4931
Ion Ratio Lower Upper
172 100
171 33.5 27.5 41.3
170 24.4 19.6 29.4

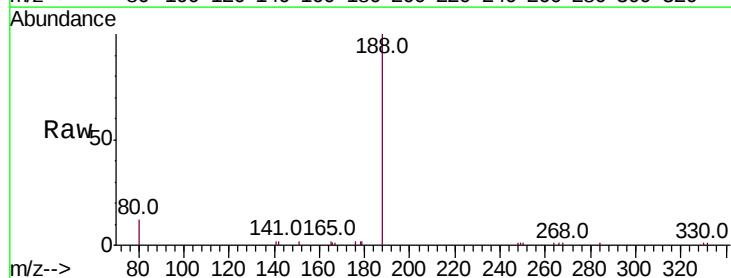


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

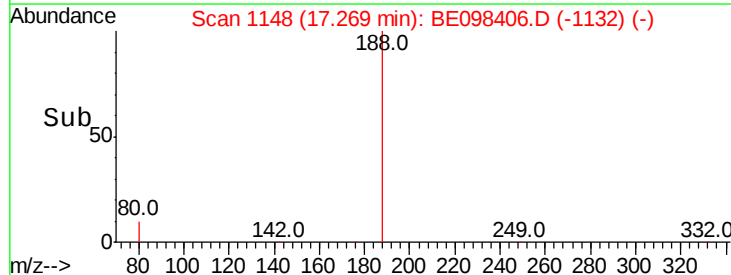
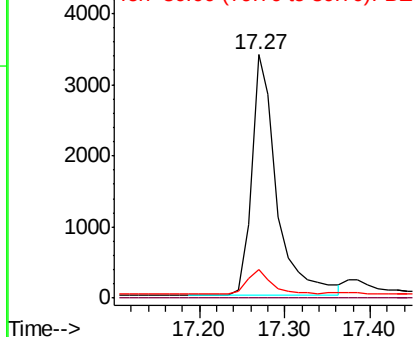


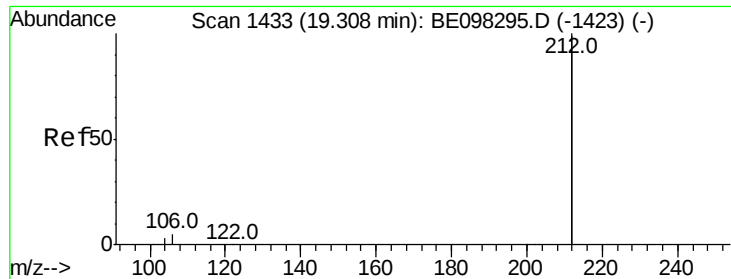
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BE098406.D
Acq: 13 Dec 2018 20:49

Tgt Ion:188 Resp: 6907
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.8 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

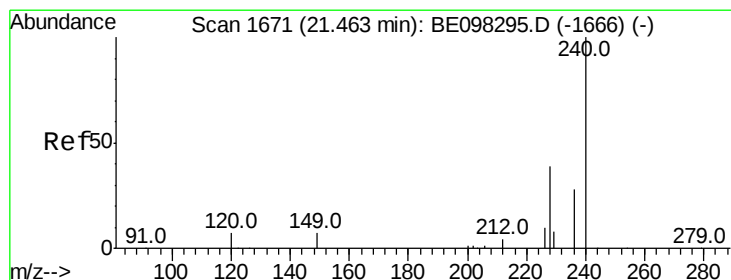
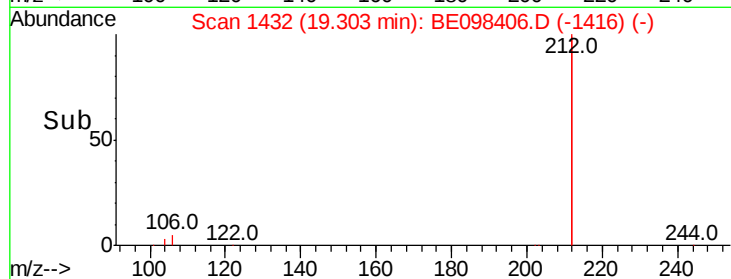
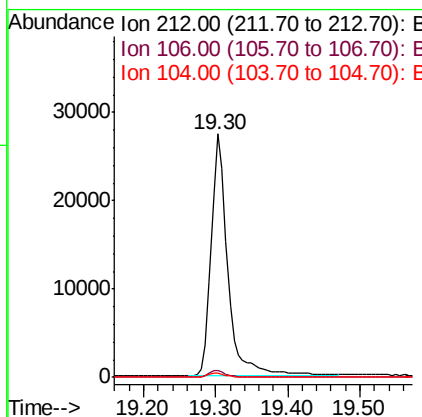
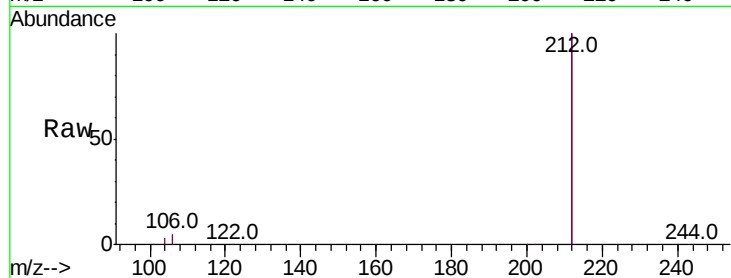




#25
 Fluoranthene-d10
 Concen: 0.499 ng
 RT: 19.30 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BE098406.D
 Acq: 13 Dec 2018 20:49

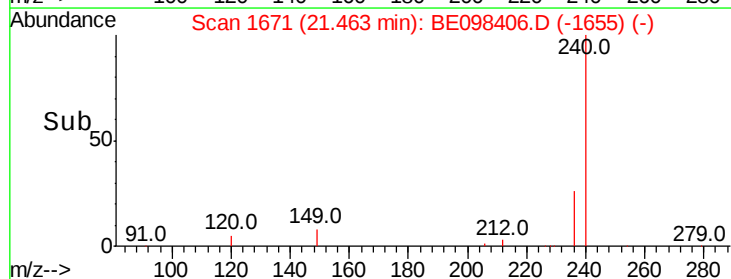
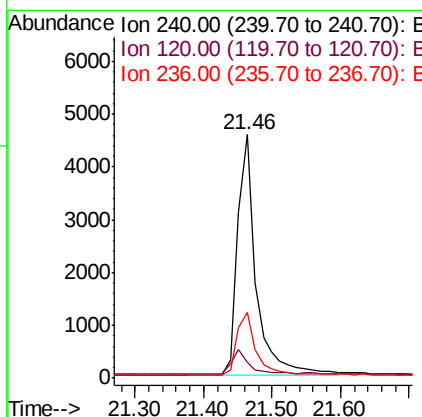
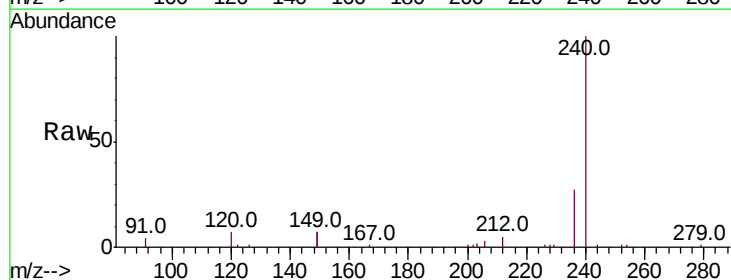
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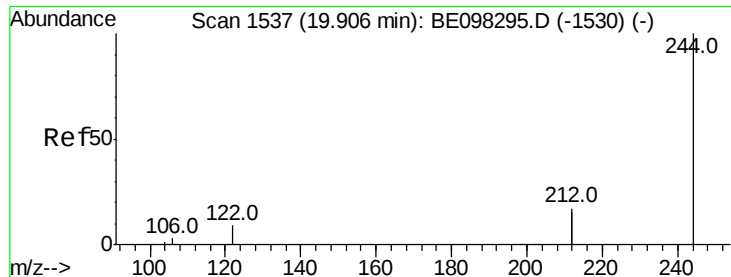
Tot Ion:212 Resp: 44195
 Ion Ratio Lower Upper
 212 100
 106 2.7 2.2 3.2
 104 1.6 1.3 1.9



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.46 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: BE098406.D
 Acq: 13 Dec 2018 20:49

Tgt Ion:240 Resp: 8639
 Ion Ratio Lower Upper
 240 100
 120 6.5 9.5 14.3#
 236 27.2 22.7 34.1





#29

Terphenyl-d14

Concen: 0.388 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BE098406.D

Acq: 13 Dec 2018 20:49

Instrument :

BNA_E

ClientSampleId :

DUP02-20181206

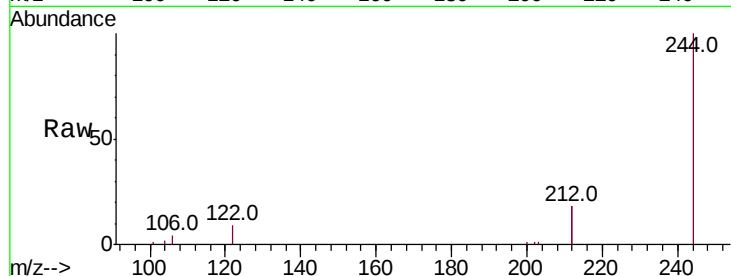
Tot Ion:244 Resp: 8155

Ion Ratio Lower Upper

244 100

212 36.5 27.4 41.0

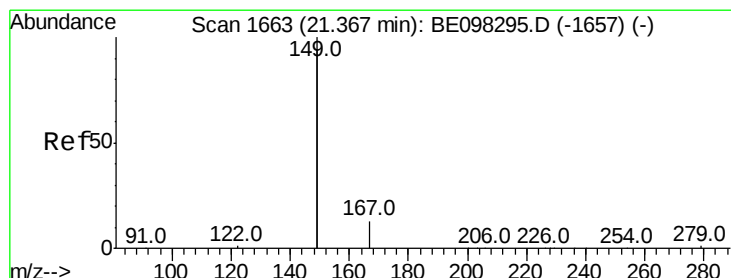
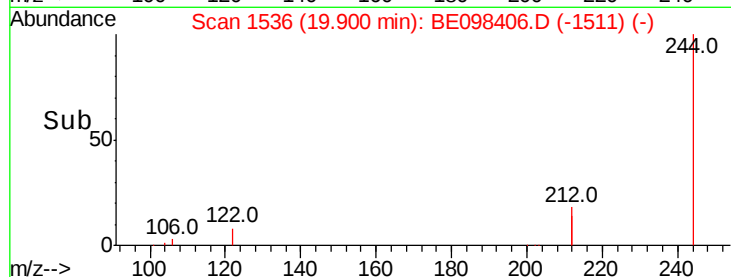
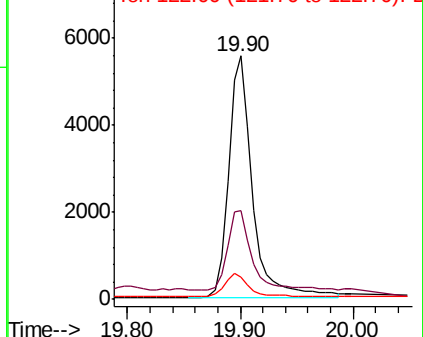
122 9.1 8.3 12.5



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: 0.053 ng

RT: 21.35 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BE098406.D

Acq: 13 Dec 2018 20:49

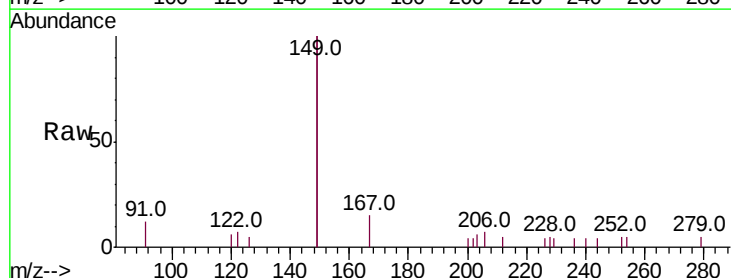
Tgt Ion:149 Resp: 2671

Ion Ratio Lower Upper

149 100

167 6.8 5.7 8.5

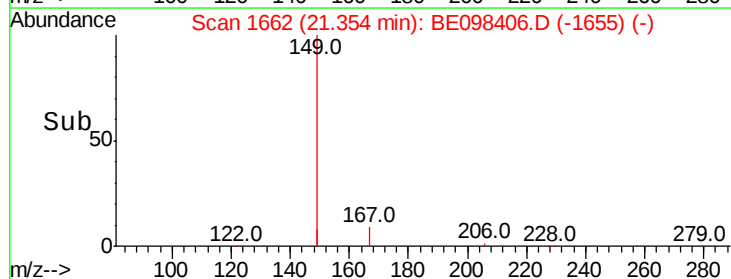
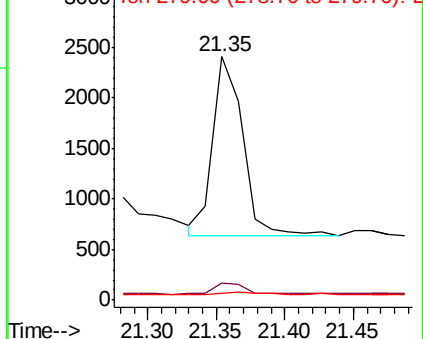
279 1.3 1.0 1.4

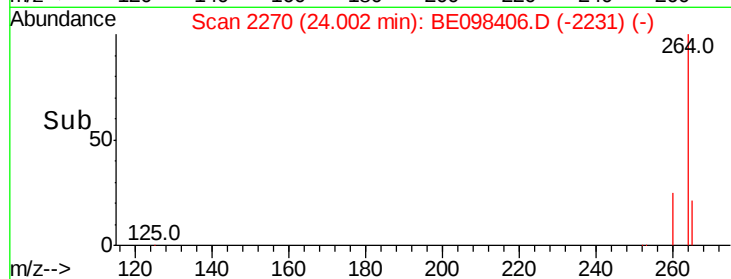
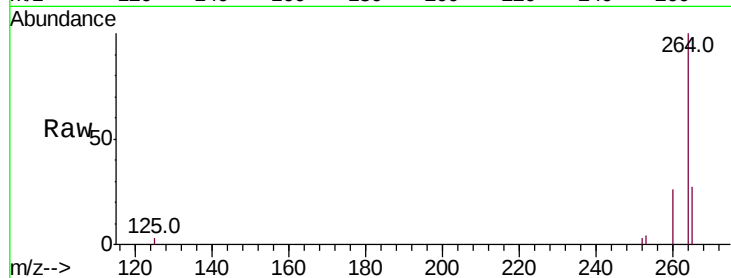
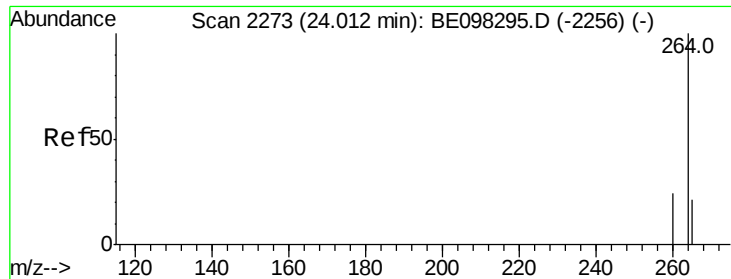


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2270
 Delta R.T. -0.01 min
 Lab File: BE098406.D
 Acq: 13 Dec 2018 20:49

Instrument :
 BNA_E
 ClientSampleId :
 DUP02-20181206

Tot Ion:	264	Resp:	8165
Ion Ratio	Lower	Upper	
264	100		
260	25.7	20.2	30.2
265	27.4	25.2	37.8

