

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 23:09:16 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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

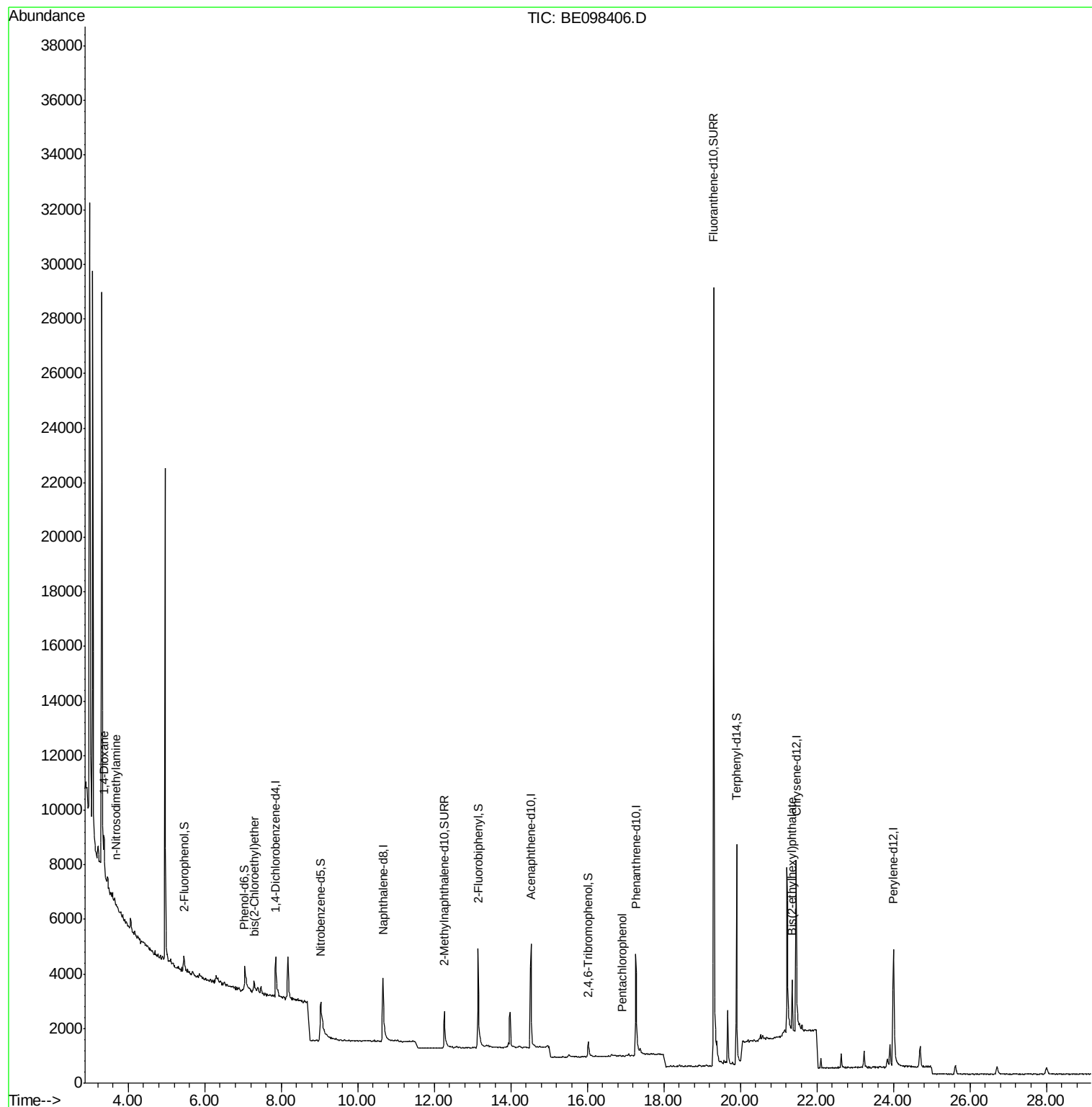
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.37	88	688	0.426	ng	# 42
3) n-Nitrosodimethylamine	3.69	42	62	0.043	ng	# 100
6) bis(2-Chloroethyl)ether	7.29	93	227	0.077	ng	# 85
22) Pentachlorophenol	16.91	266	6	0.026	ng	# 71
32) Bis(2-ethylhexyl)phthalate	21.35	149	2671	0.053	ng	99

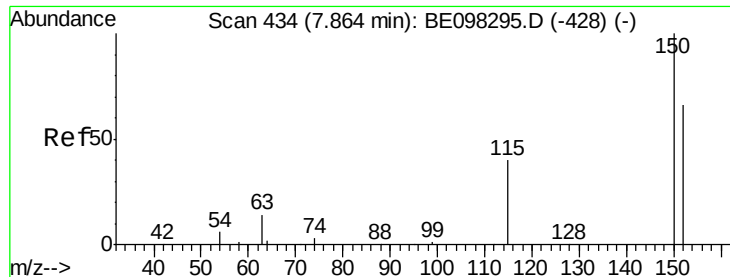
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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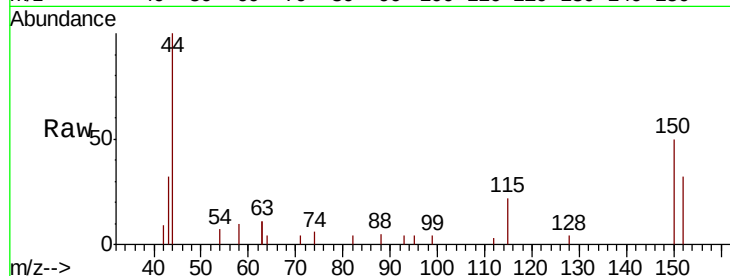


#1

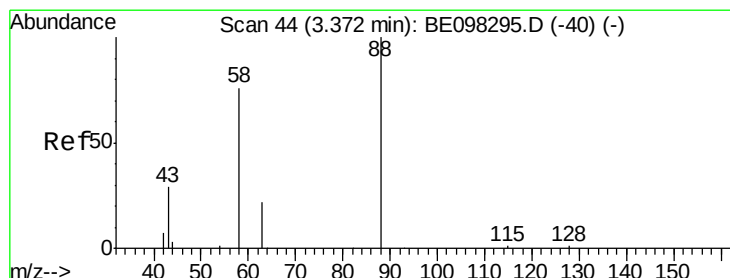
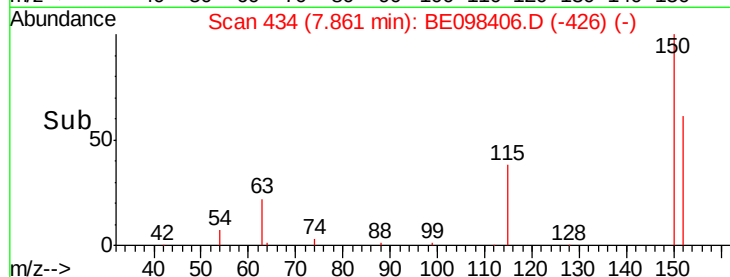
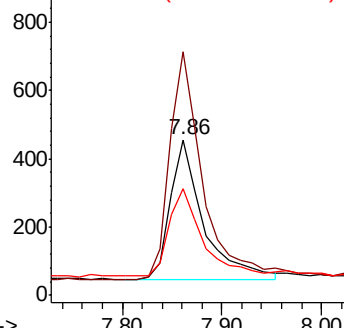
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098406.D
Acq: 13 Dec 2018 20:49

Instrument :
BNA_E
ClientSampleId :
DUP02-20181206

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



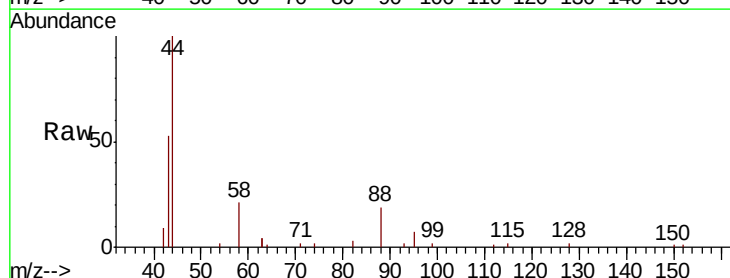
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



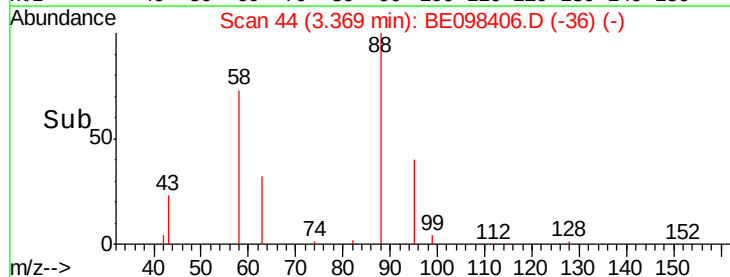
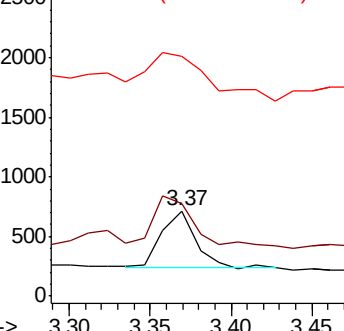
#2

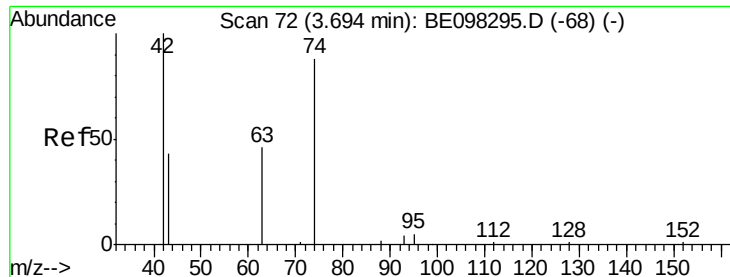
1,4-Dioxane
Concen: 0.426 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098406.D
Acq: 13 Dec 2018 20:49

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





#3

n-Nitrosodimethylamine

Concen: 0.043 ng

RT: 3.69 min Scan# 72

Delta R.T. -0.00 min

Lab File: BE098406.D

Acq: 13 Dec 2018 20:49

Instrument :

BNA_E

ClientSampleId :

DUP02-20181206

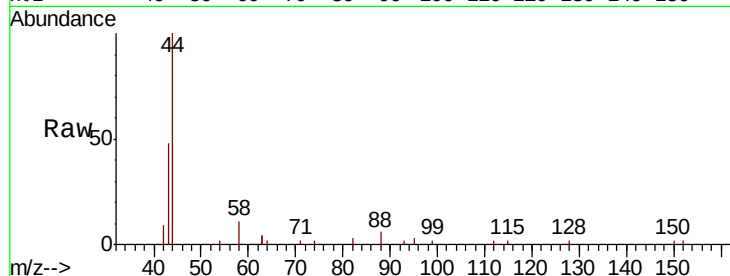
Tgt Ion: 42 Resp: 62

Ion Ratio Lower Upper

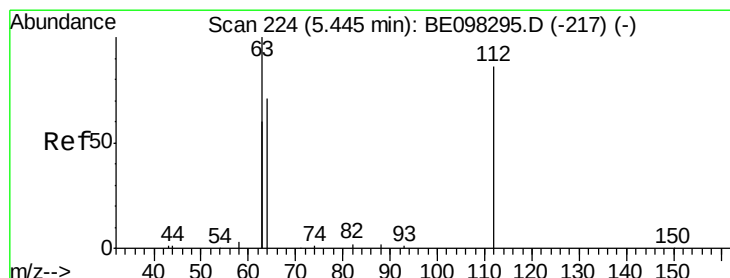
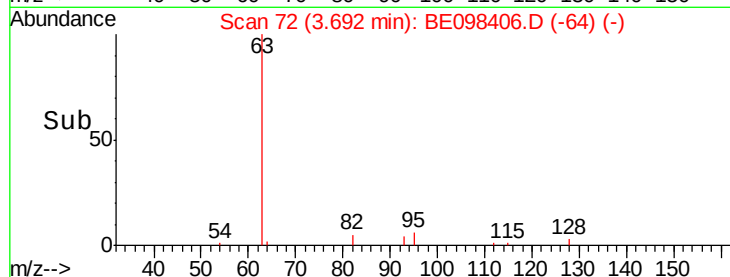
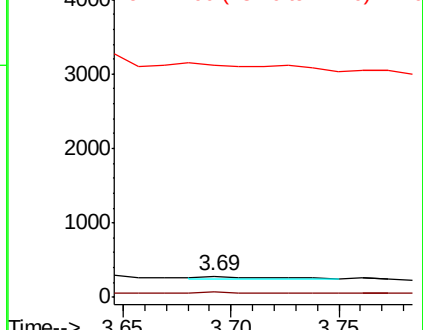
42 100

74 22.6 0.0 0.0#

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: 0.225 ng

RT: 5.45 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098406.D

Acq: 13 Dec 2018 20:49

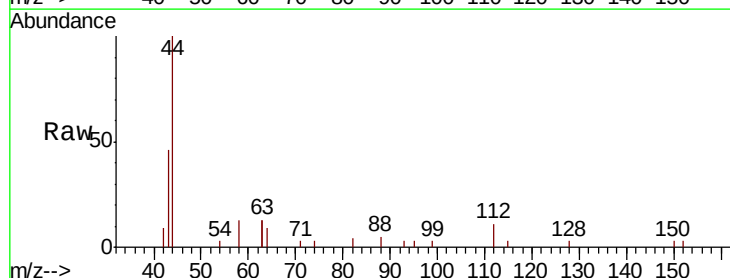
Tgt Ion: 112 Resp: 491

Ion Ratio Lower Upper

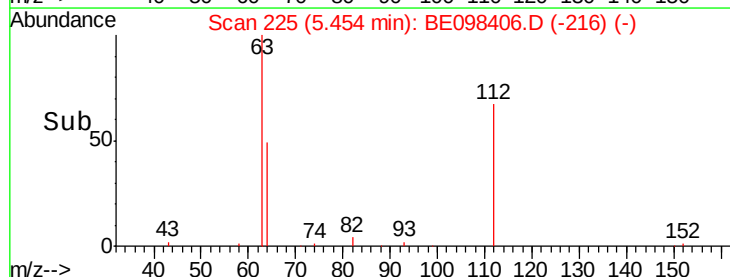
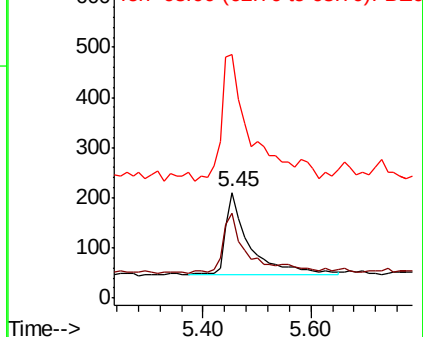
112 100

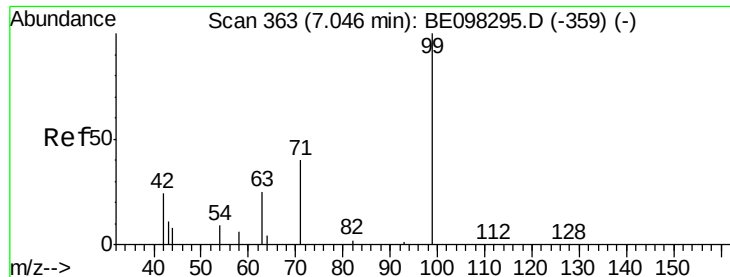
64 76.8 59.8 89.8

63 189.4 133.7 200.5



Abundance Ion 112.00 (111.70 to 112.70): E
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

Instrument :

BNA_E

ClientSampleId :

DUP02-20181206

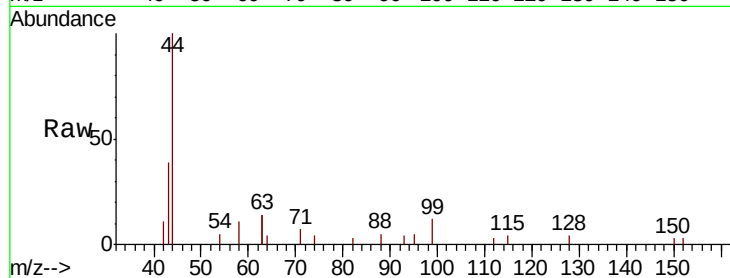
Tgt Ion: 99 Resp: 447

Ion Ratio Lower Upper

99 100

42 26.8 26.3 39.5

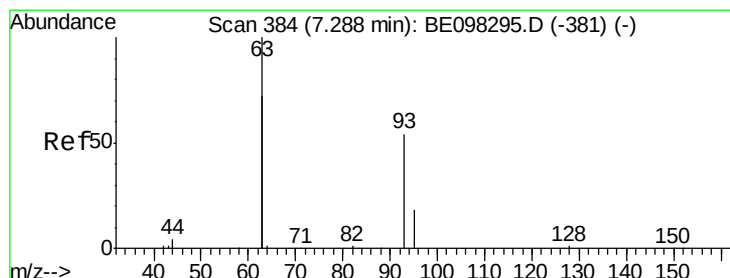
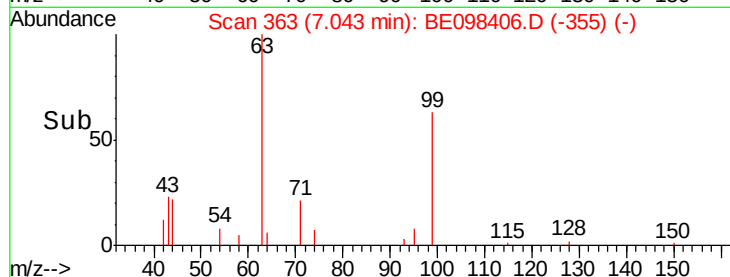
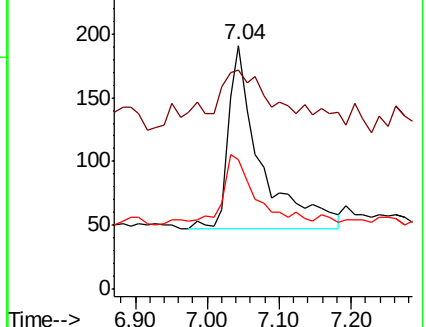
71 34.7 33.6 50.4



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

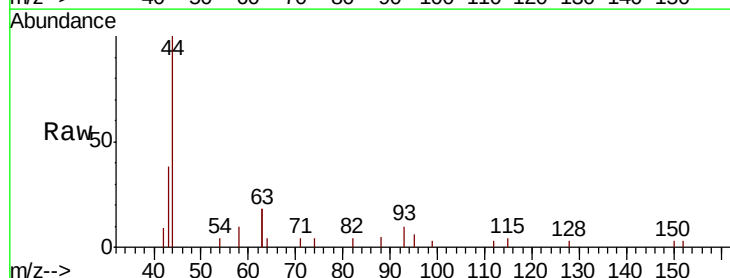
Tgt Ion: 93 Resp: 227

Ion Ratio Lower Upper

93 100

63 362.1 264.4 396.6

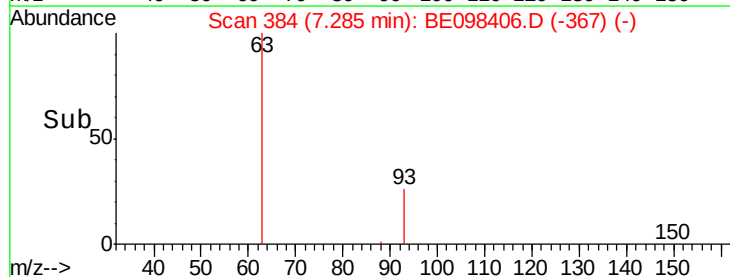
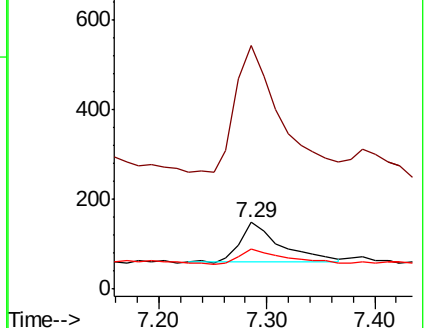
95 43.2 26.6 40.0#

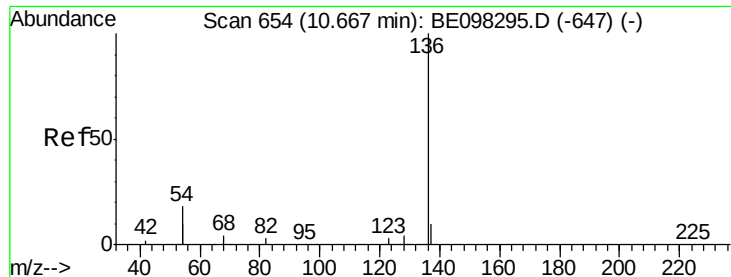


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#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

Instrument :

BNA_E

ClientSampleId :

DUP02-20181206

Tgt Ion: 136 Resp: 4052

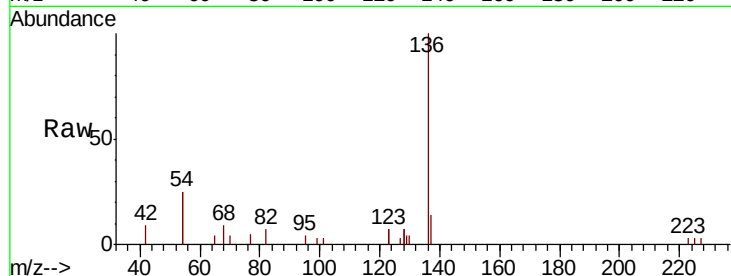
Ion Ratio Lower Upper

136 100

137 13.5 9.2 13.8

54 50.1 28.4 42.6#

68 9.0 5.4 8.0#

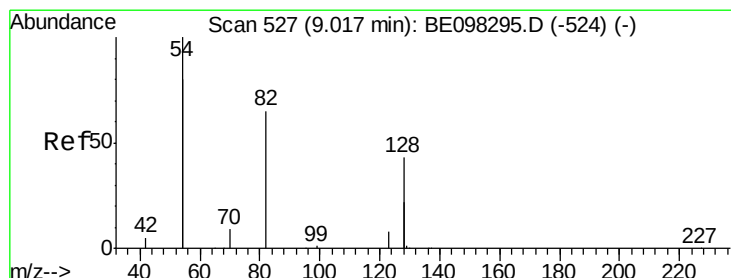
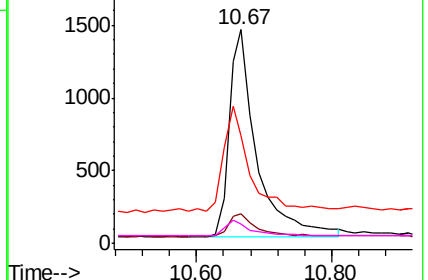
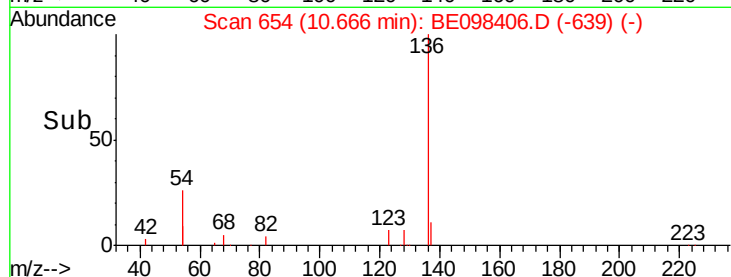


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.396 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.03 min

Lab File: BE098406.D

Acq: 13 Dec 2018 20:49

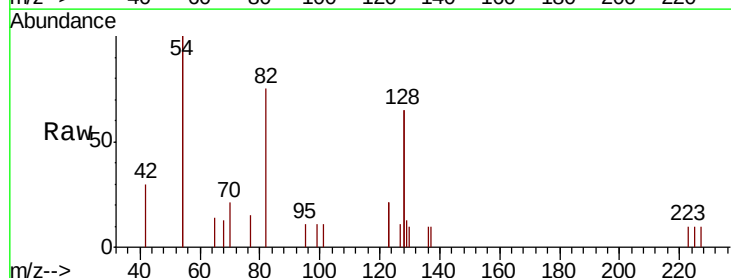
Tgt Ion: 82 Resp: 1459

Ion Ratio Lower Upper

82 100

128 174.1 102.4 153.6#

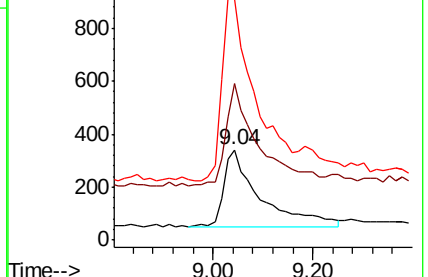
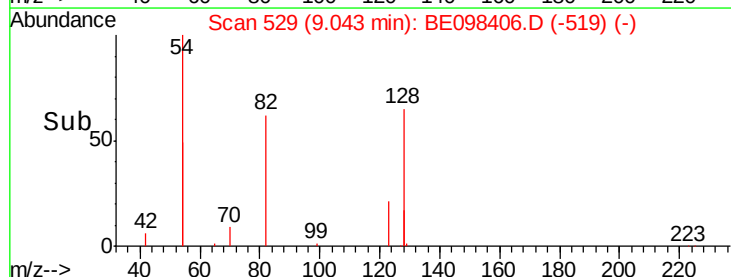
54 267.6 221.8 332.8

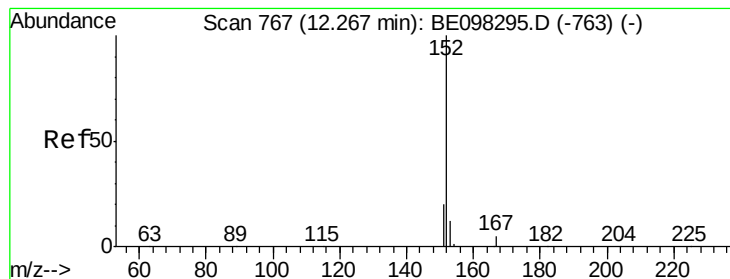


Abundance Ion 82.00 (81.70 to 82.70): BE0

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

Instrument :

BNA_E

ClientSampleId :

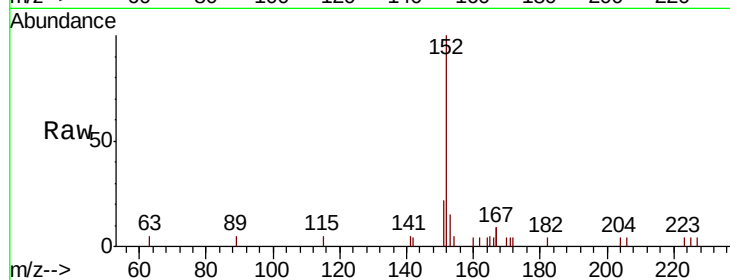
DUP02-20181206

Tgt Ion:152 Resp: 2785

Ion Ratio Lower Upper

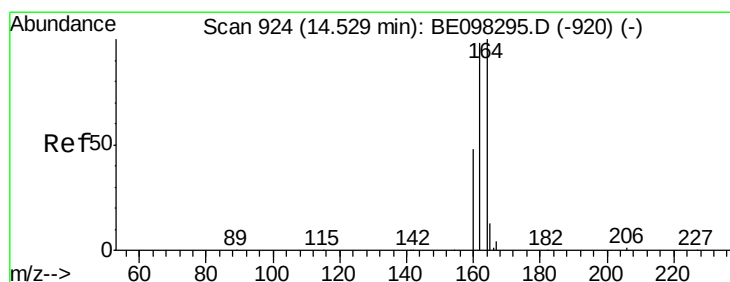
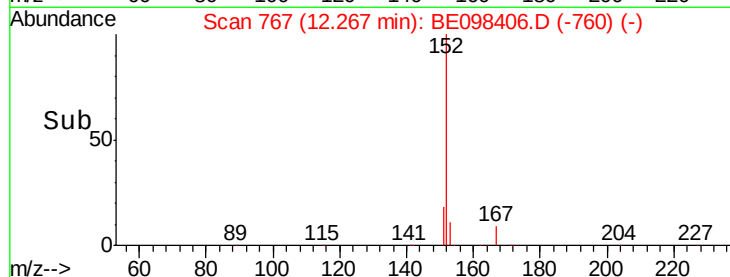
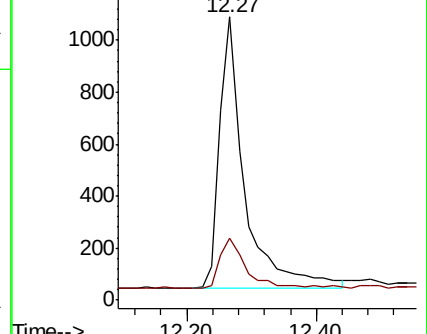
152 100

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

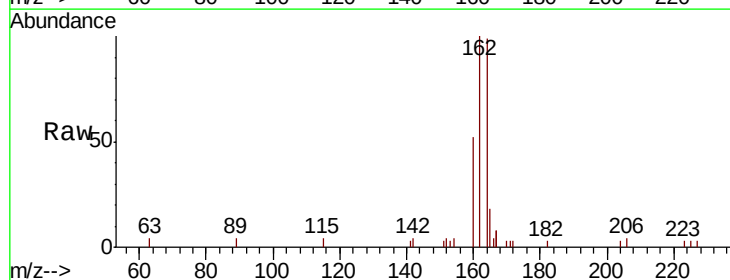
Tgt Ion:164 Resp: 2681

Ion Ratio Lower Upper

164 100

162 100.6 77.6 116.4

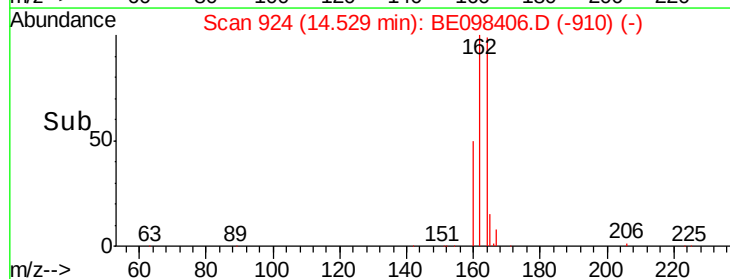
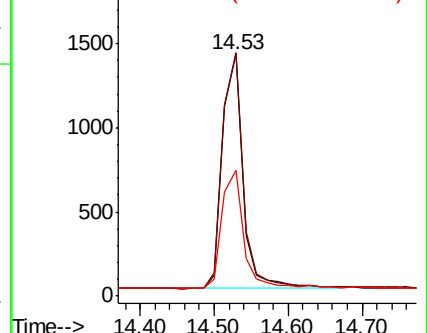
160 52.3 36.0 54.0

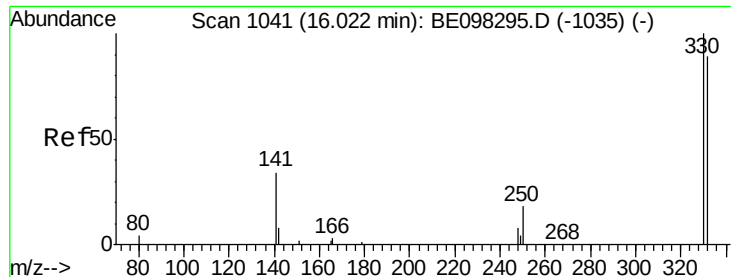


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

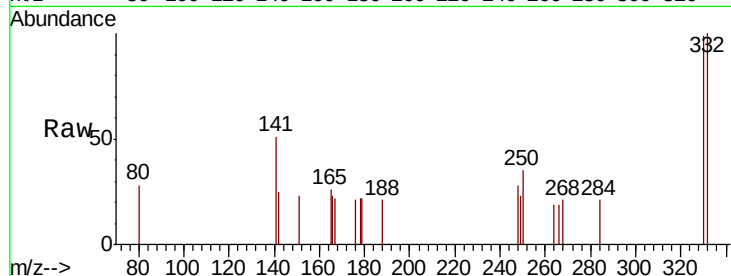




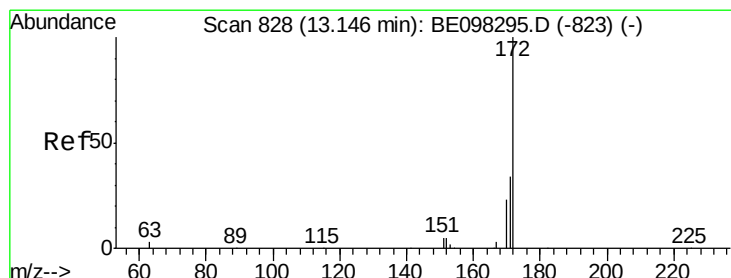
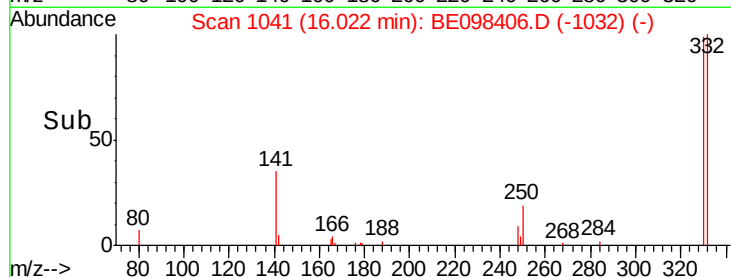
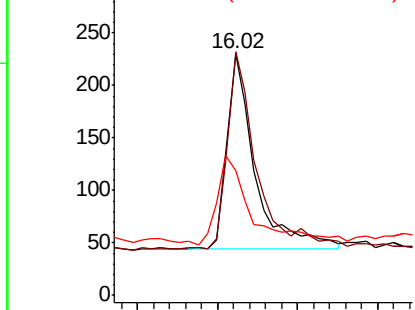
#14
 2,4,6-Tribromophenol
 Concen: 0.463 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BE098406.D
 Acq: 13 Dec 2018 20:49

Instrument :
 BNA_E
 ClientSampleId :
 DUP02-20181206

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

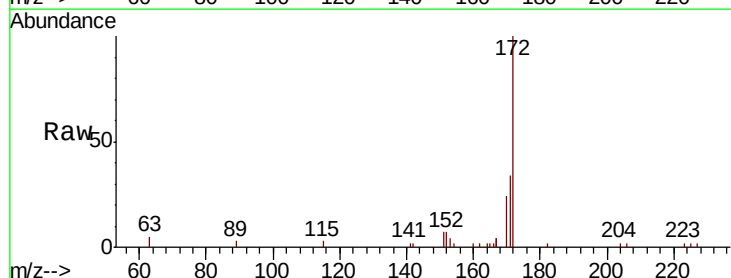


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

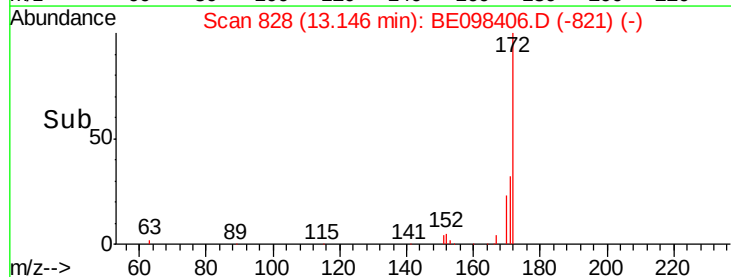
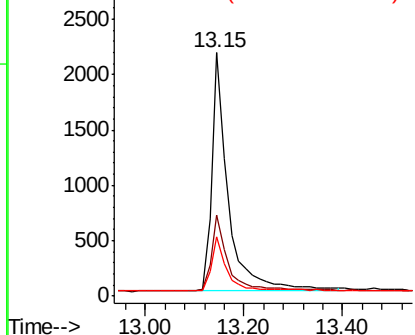


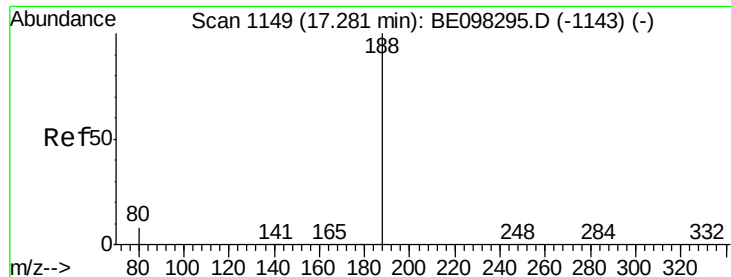
#15
 2-Fluorobiphenyl
 Concen: 0.436 ng
 RT: 13.15 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BE098406.D
 Acq: 13 Dec 2018 20:49

Tgt 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

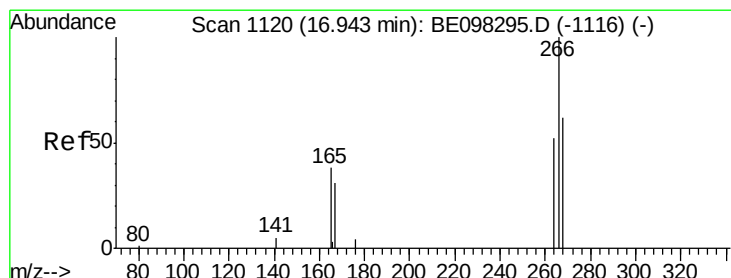
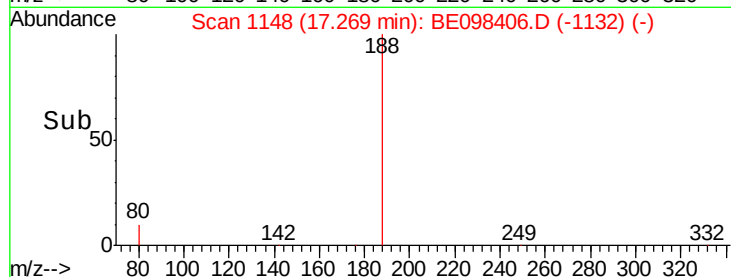
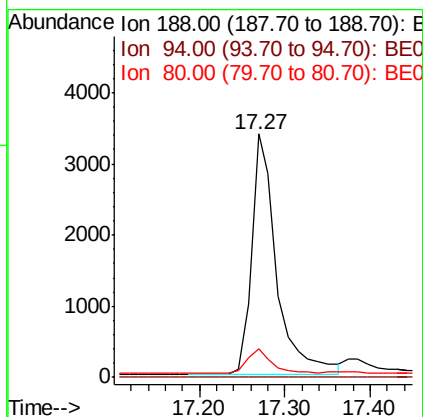
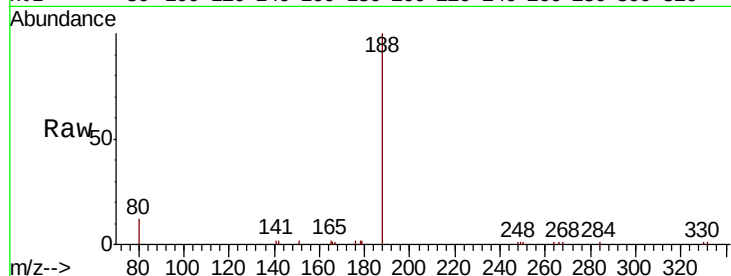
Instrument :

BNA_E

ClientSampleId :

DUP02-20181206

Tgt Ion:188	Resp:	6907
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	11.8	7.2



#22

Pentachlorophenol

Concen: 0.026 ng

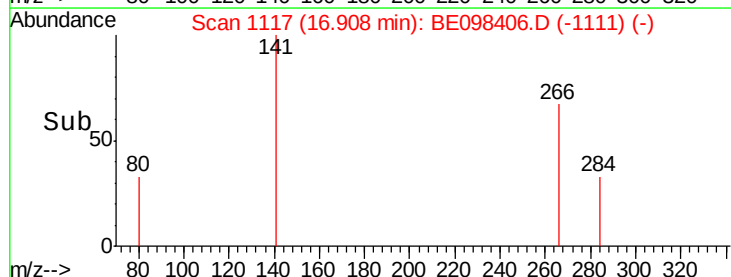
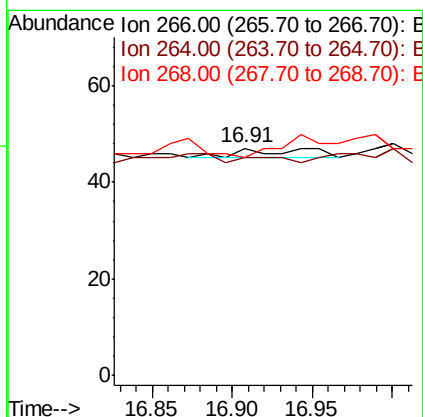
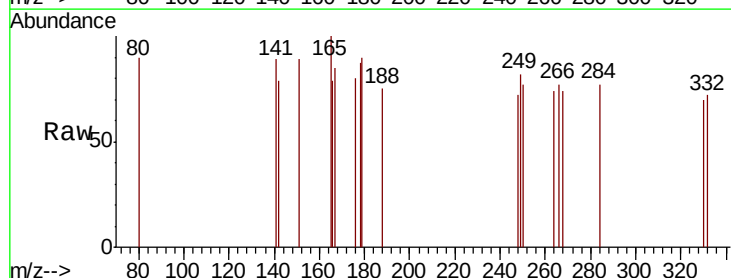
RT: 16.91 min Scan# 1117

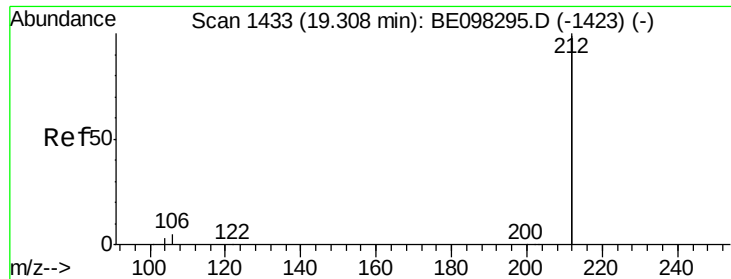
Delta R.T. -0.03 min

Lab File: BE098406.D

Acq: 13 Dec 2018 20:49

Tgt Ion:266	Resp:	6
Ion Ratio	Lower	Upper
266	100	
264	95.7	59.0
268	95.7	55.1





#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

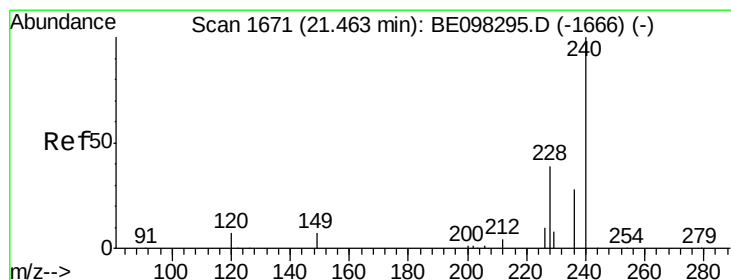
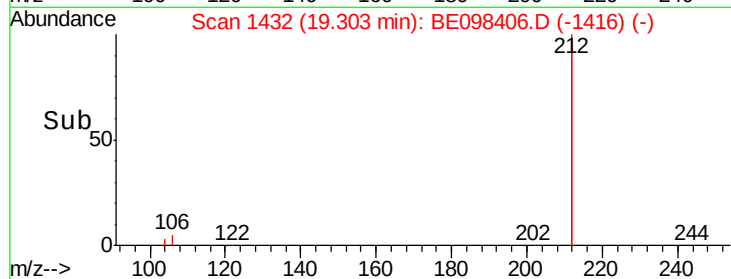
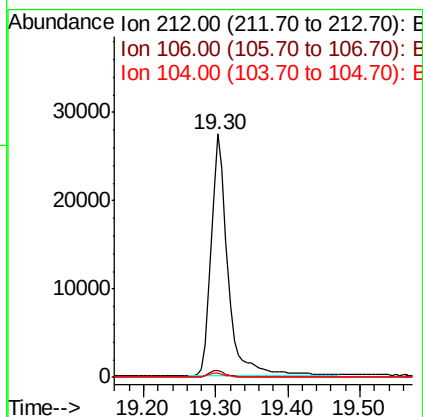
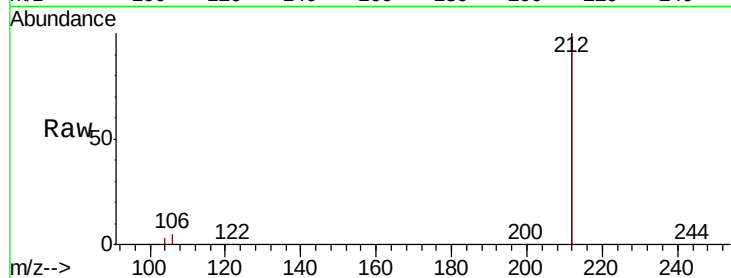
Instrument :

BNA_E

ClientSampleId :

DUP02-20181206

Tgt 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

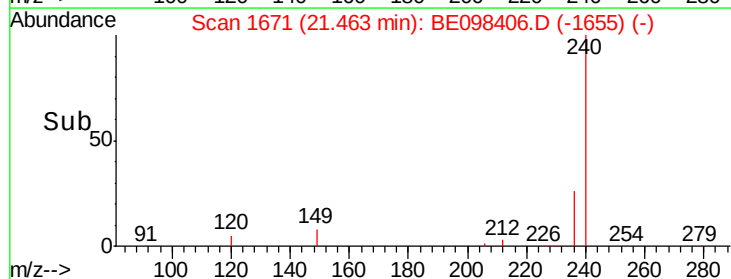
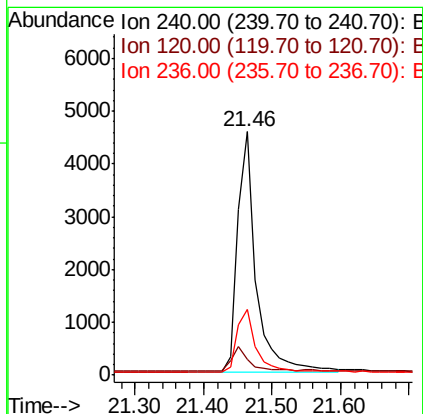
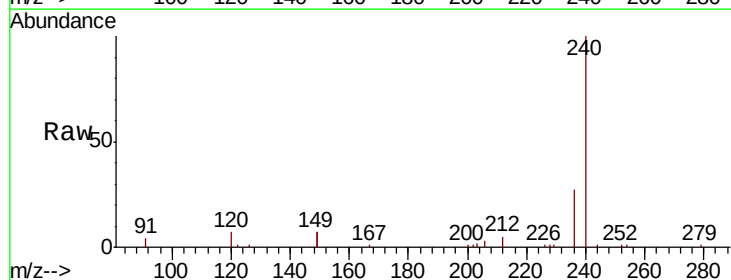
RT: 21.46 min Scan# 1671

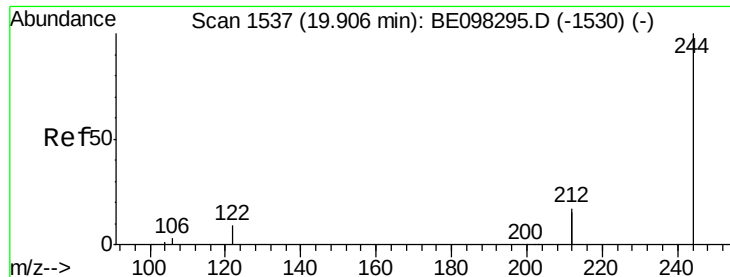
Delta R.T. -0.00 min

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

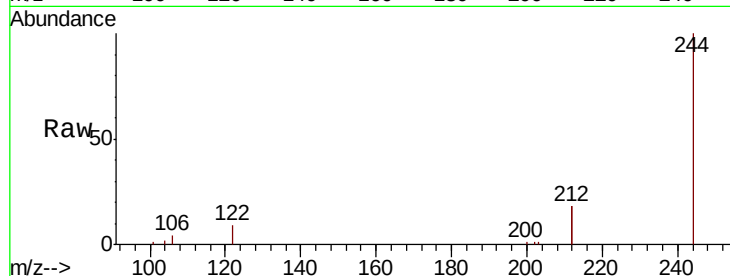
Tgt Ion:244 Resp: 8155

Ion Ratio Lower Upper

244 100

212 36.5 27.4 41.0

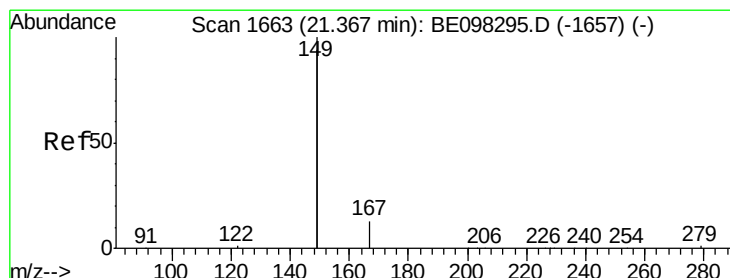
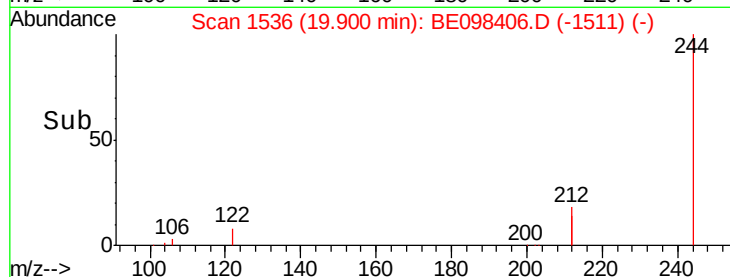
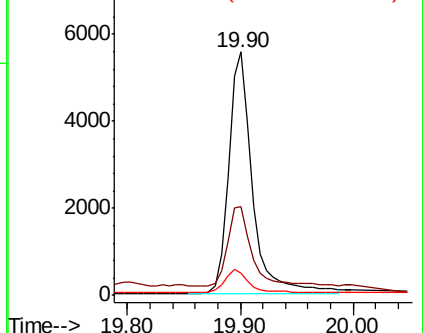
122 9.1 8.3 12.5



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

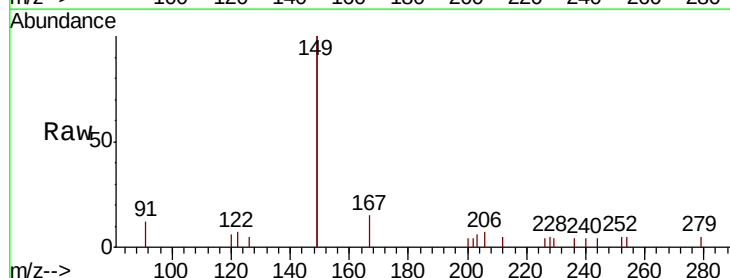
Tgt Ion:149 Resp: 2671

Ion Ratio Lower Upper

149 100

167 6.8 5.7 8.5

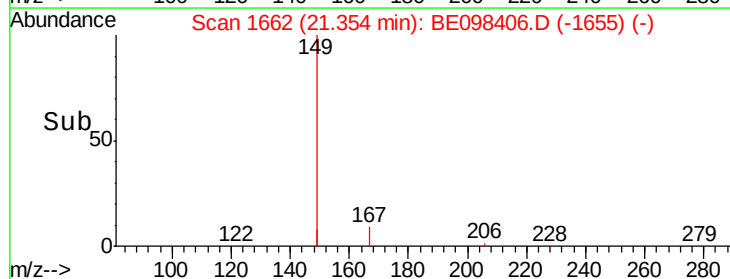
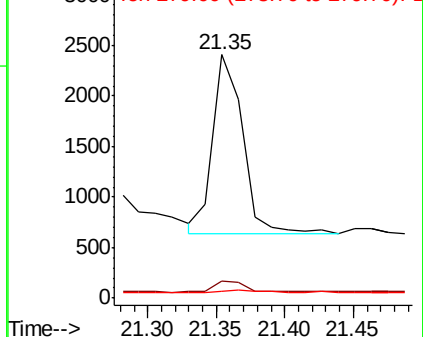
279 1.3 1.0 1.4

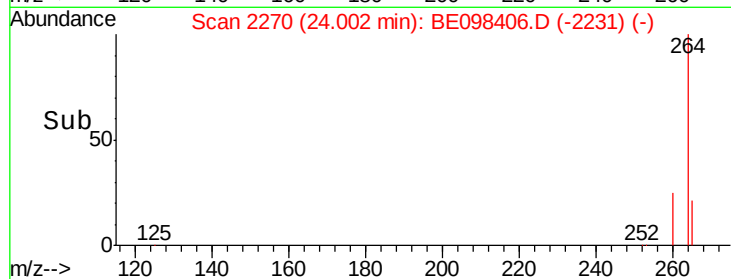
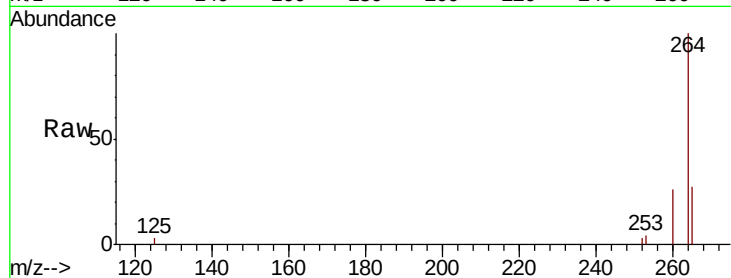
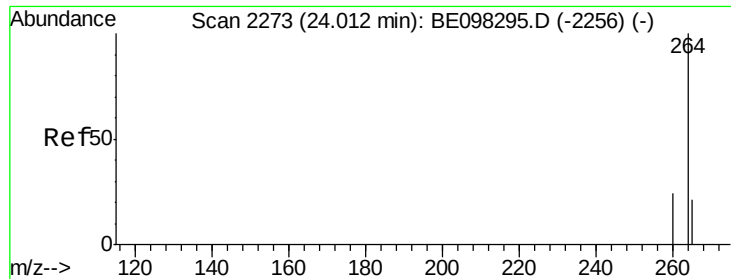


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Perylene-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

Tgt Ion:264 Resp: 8165

Ion Ratio Lower Upper

264 100

260 25.7 20.2 30.2

265 27.4 25.2 37.8

