

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121418\
 Data File : BE098465.D
 Acq On : 15 Dec 2018 10:29
 Operator : SJ/JU
 Sample : PB115633BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB115633BL

Quant Time: Dec 16 00:52:16 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

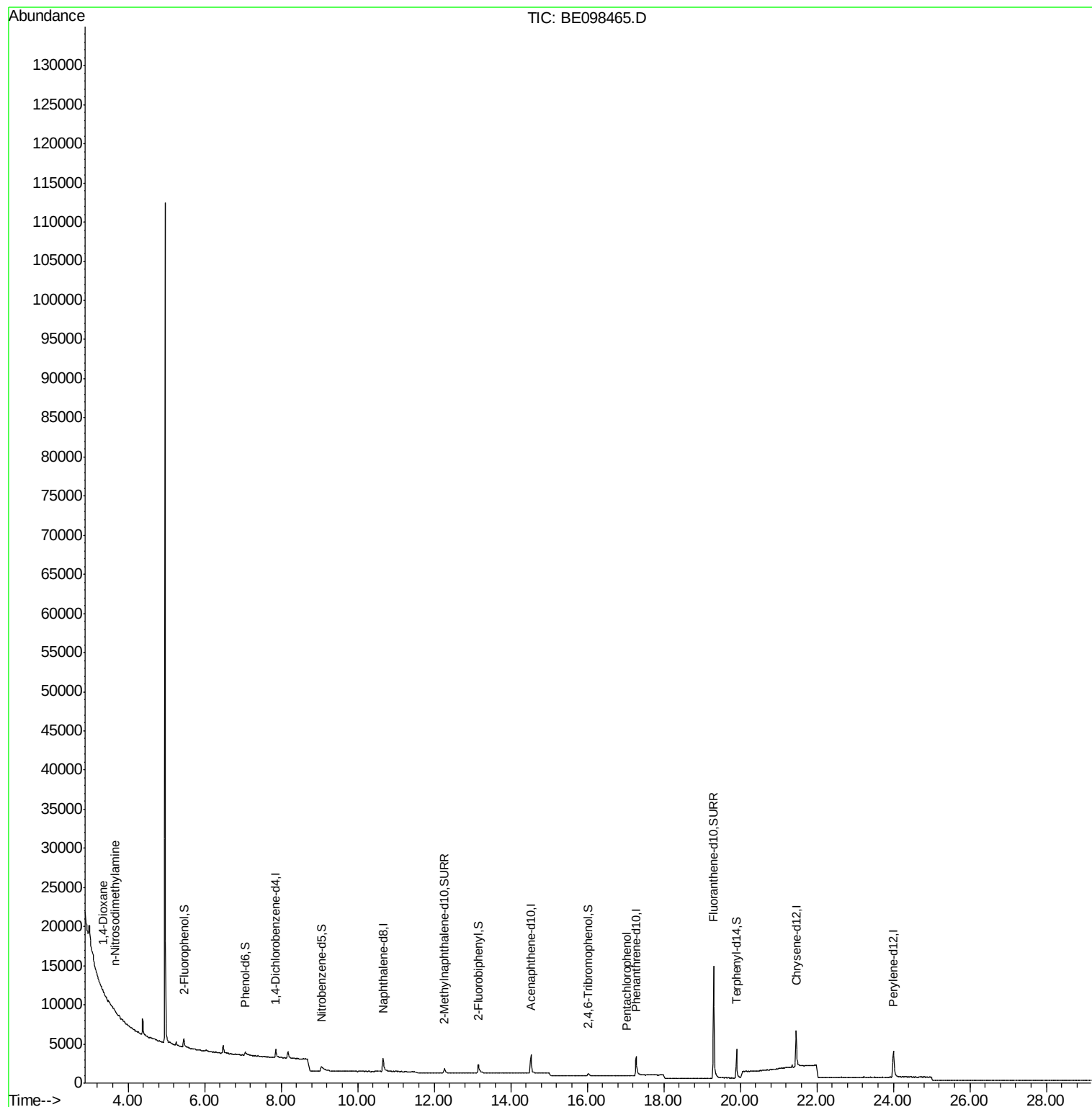
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	789	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	3153	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	1968	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	5576	0.40	ng	0.00
27) Chrysene-d12	21.46	240	6914	0.40	ng	0.00
34) Perylene-d12	24.00	264	6664	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	813	0.44	ng	0.01
5) Phenol-d6	7.06	99	1018	0.39	ng	0.01
8) Nitrobenzene-d5	9.07	82	726	0.25	ng	0.05
11) 2-Methylnaphthalene-d10	12.27	152	1521	0.30	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	294	0.41	ng	0.01
15) 2-Fluorobiphenyl	13.16	172	2285	0.28	ng	0.01
25) Fluoranthene-d10	19.30	212	24368	0.34	ng	0.00
29) Terphenyl-d14	19.90	244	3985	0.24	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.34	88	39	0.029	ng	# 12
3) n-Nitrosodimethylamine	3.66	42	39	0.032	ng	# 100
22) Pentachlorophenol	17.02	266	15	0.047	ng	# 74

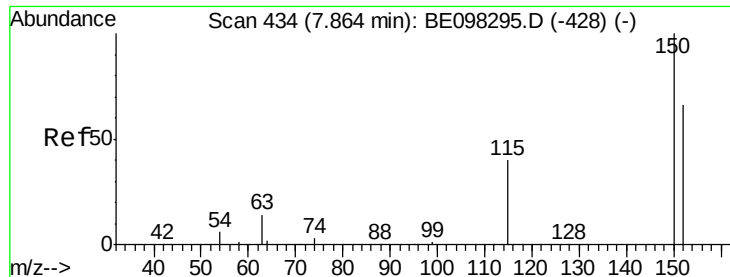
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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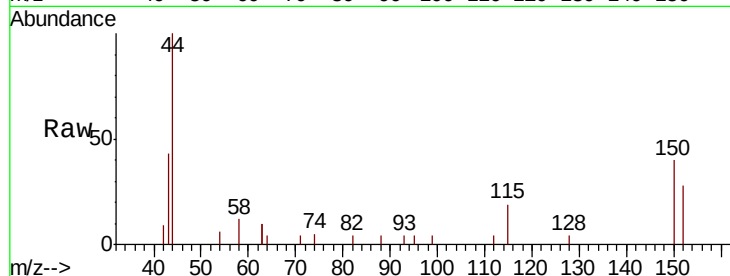


#1

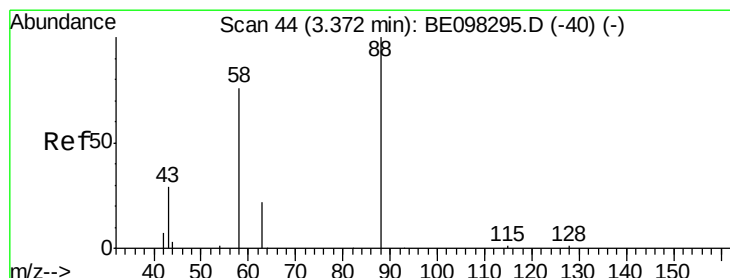
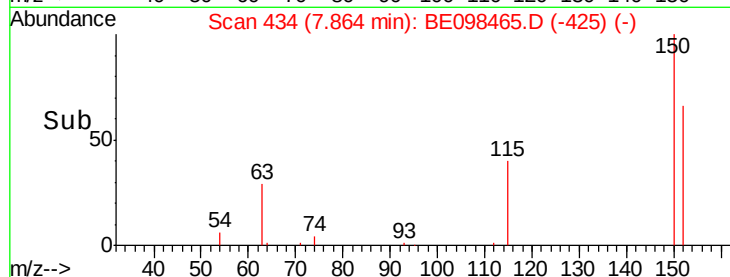
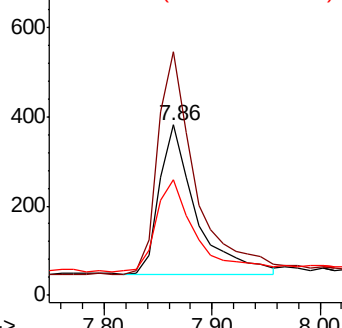
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098465.D
Acq: 15 Dec 2018 10:29

Instrument :
BNA_E
ClientSampleId :
PB115633BL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	142.8	124.2	186.4
115	68.0	53.9	80.9



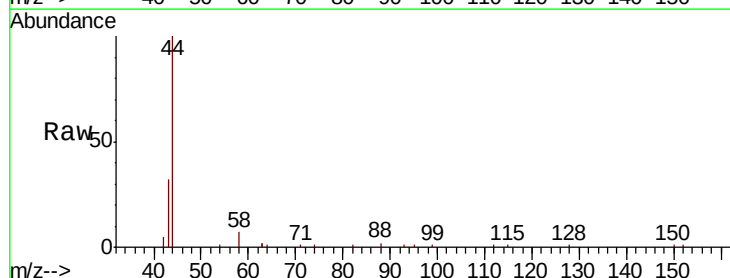
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



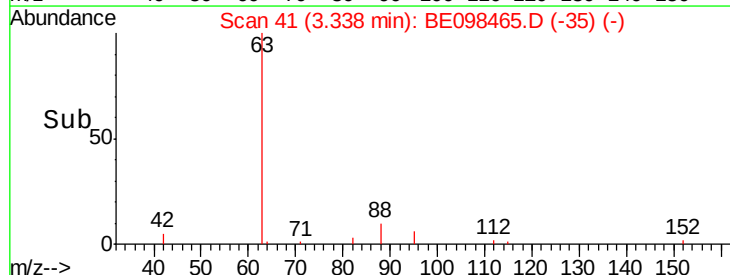
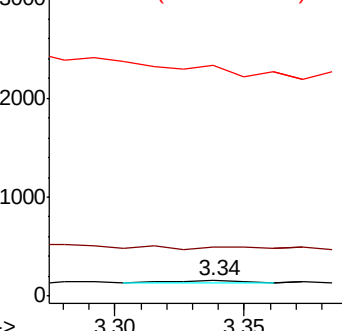
#2

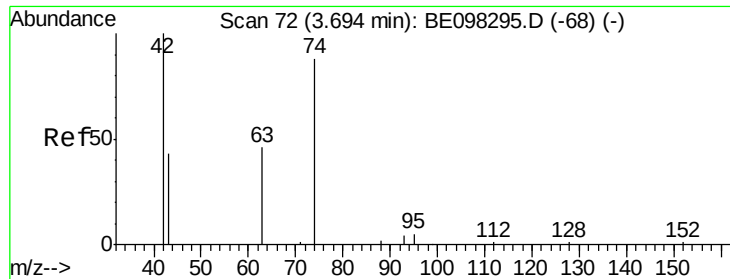
1,4-Dioxane
Concen: 0.029 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.03 min
Lab File: BE098465.D
Acq: 15 Dec 2018 10:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	75.0	112.6#
43	0.0	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: 0.032 ng

RT: 3.66 min Scan# 69

Delta R.T. -0.03 min

Lab File: BE098465.D

Acq: 15 Dec 2018 10:29

Instrument :

BNA_E

ClientSampleId :

PB115633BL

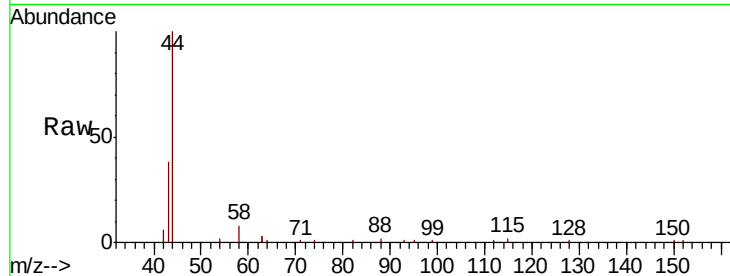
Tgt Ion: 42 Resp: 39

Ion Ratio Lower Upper

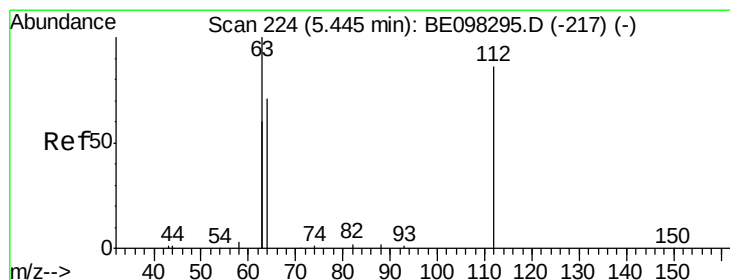
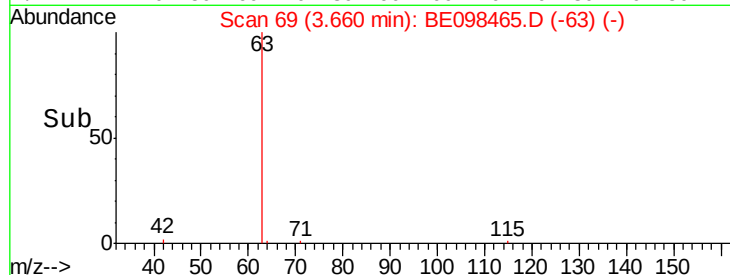
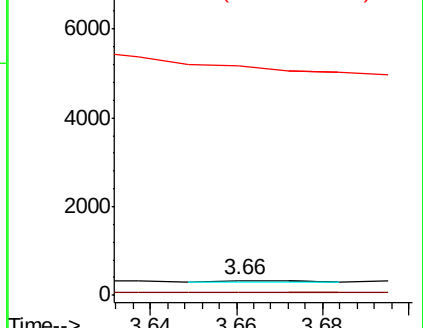
42 100

74 0.0 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: 0.440 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098465.D

Acq: 15 Dec 2018 10:29

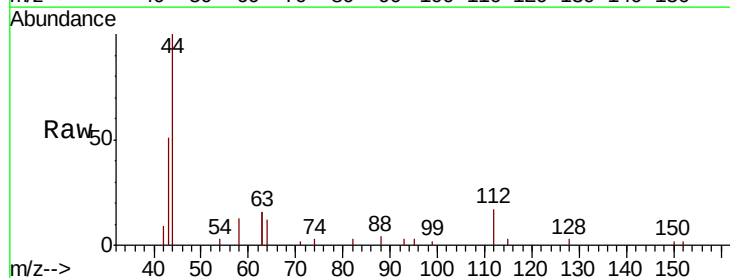
Tgt Ion: 112 Resp: 813

Ion Ratio Lower Upper

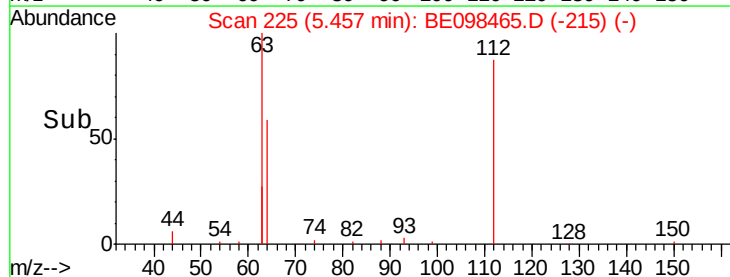
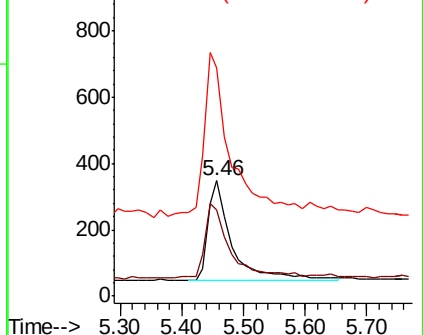
112 100

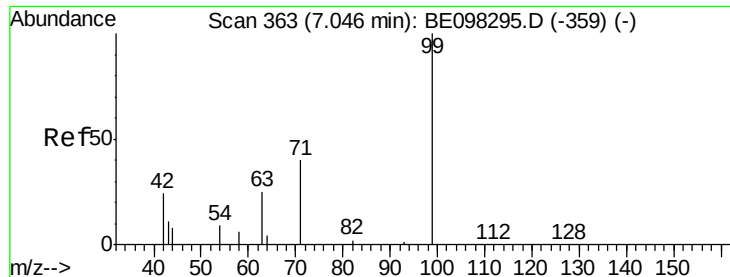
64 80.4 59.8 89.8

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: 0.389 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.01 min

Lab File: BE098465.D

Acq: 15 Dec 2018 10:29

Instrument :

BNA_E

ClientSampleId :

PB115633BL

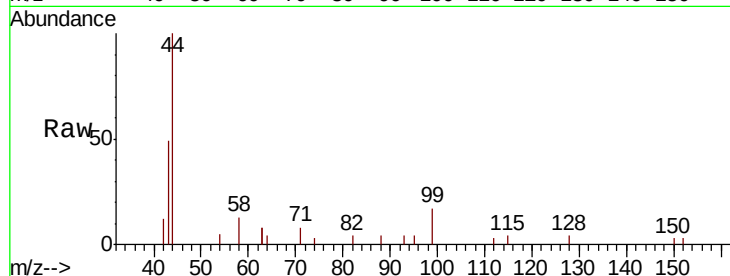
Tgt Ion: 99 Resp: 1018

Ion Ratio Lower Upper

99 100

42 30.7 26.3 39.5

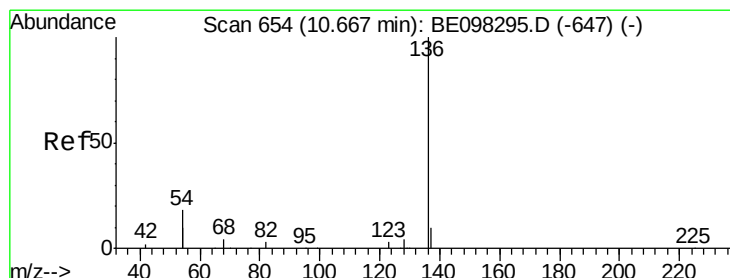
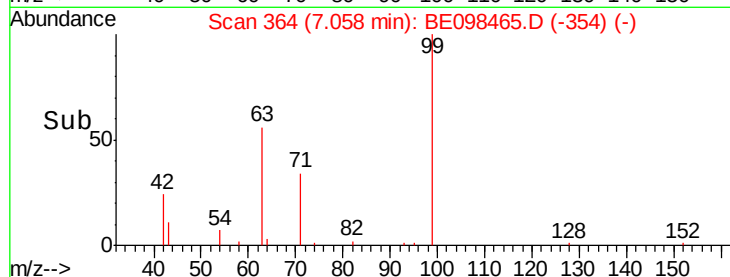
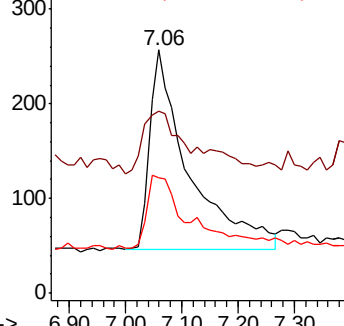
71 44.4 33.6 50.4



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098465.D

Acq: 15 Dec 2018 10:29

Tgt Ion: 136 Resp: 3153

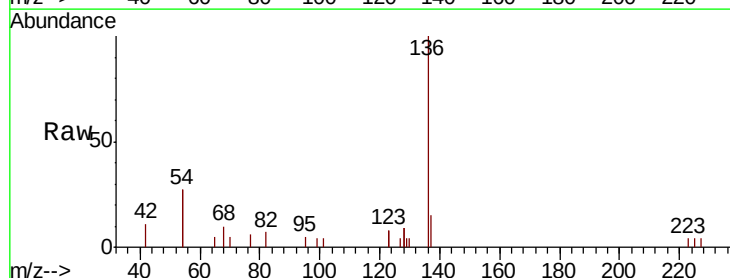
Ion Ratio Lower Upper

136 100

137 14.5 9.2 13.8#

54 53.7 28.4 42.6#

68 10.0 5.4 8.0#

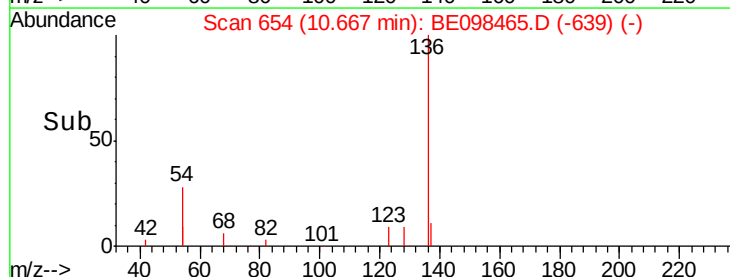
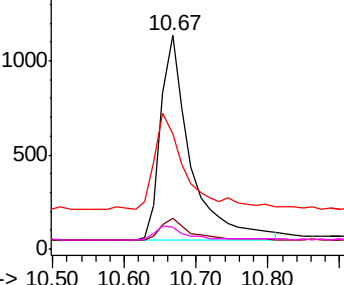


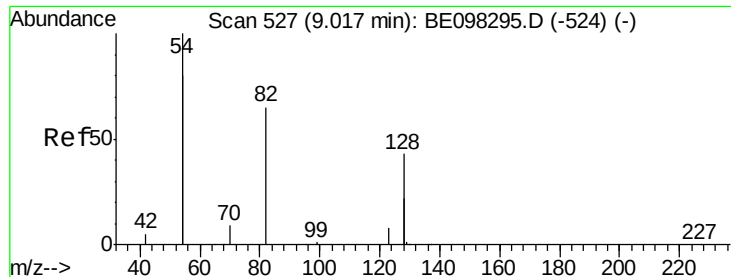
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.253 ng

RT: 9.07 min Scan# 531

Delta R.T. 0.05 min

Lab File: BE098465.D

Acq: 15 Dec 2018 10:29

Instrument :

BNA_E

ClientSampleId :

PB115633BL

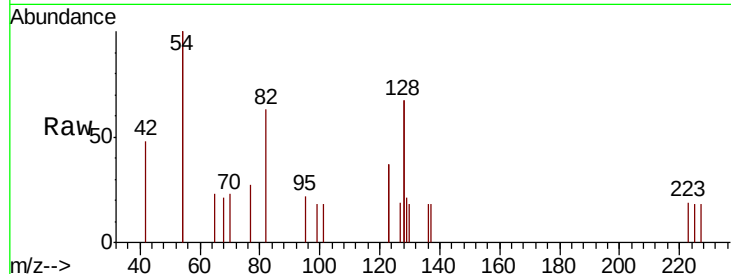
Tgt Ion: 82 Resp: 726

Ion Ratio Lower Upper

82 100

128 215.2 102.4 153.6#

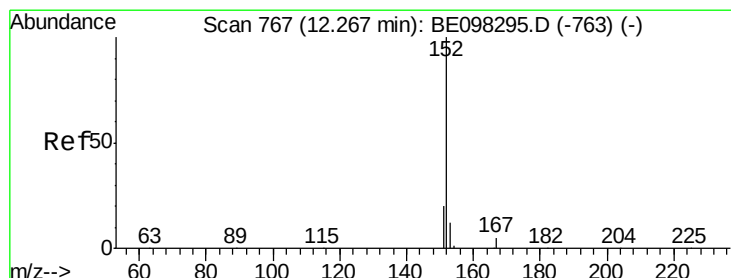
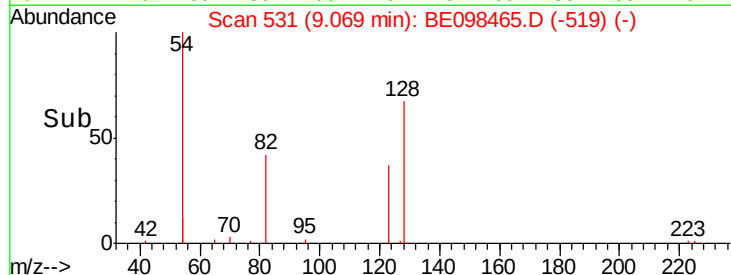
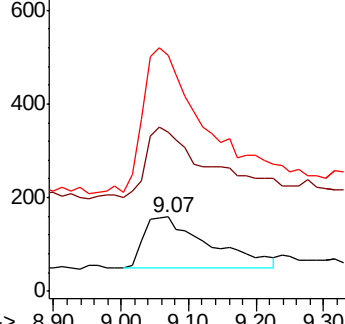
54 319.0 221.8 332.8



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: 0.297 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098465.D

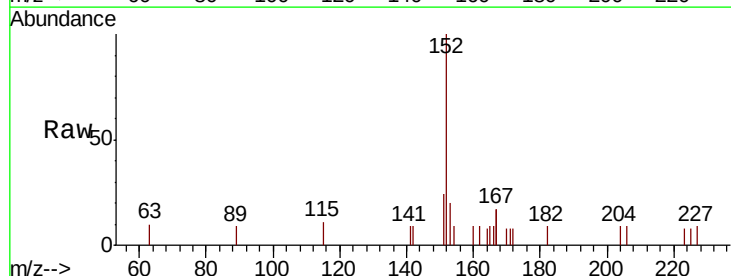
Acq: 15 Dec 2018 10:29

Tgt Ion: 152 Resp: 1521

Ion Ratio Lower Upper

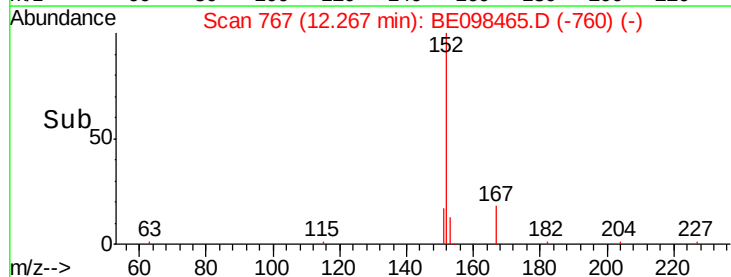
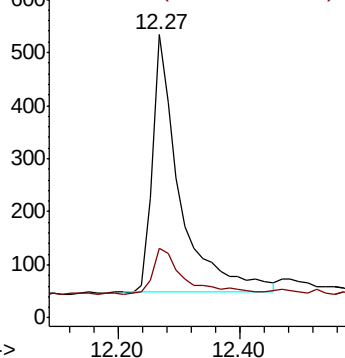
152 100

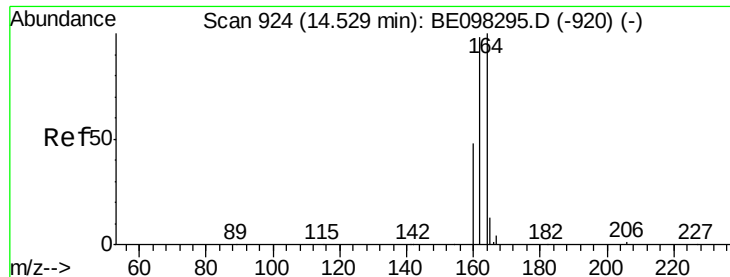
151 20.2 16.2 24.4



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: BE098465.D

Acq: 15 Dec 2018 10:29

Instrument :

BNA_E

ClientSampleId :

PB115633BL

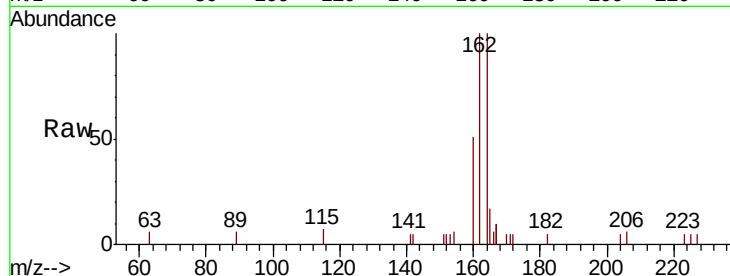
Tgt Ion:164 Resp: 1968

Ion Ratio Lower Upper

164 100

162 99.6 77.6 116.4

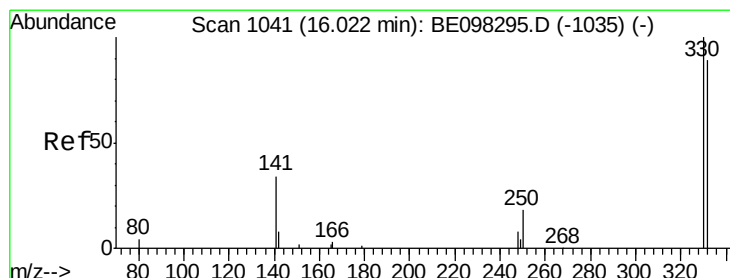
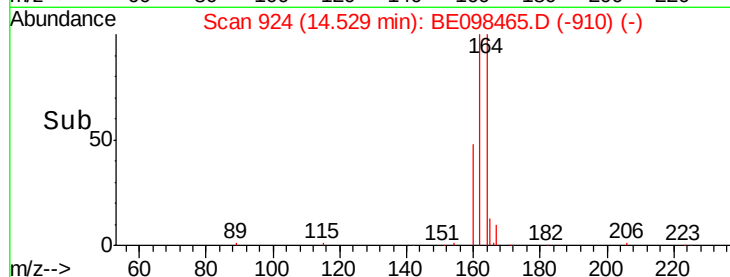
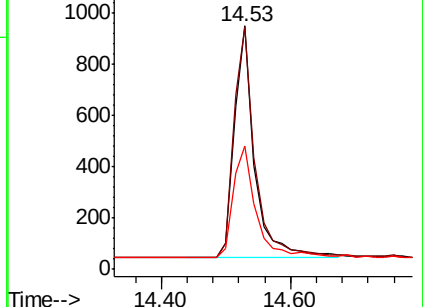
160 50.7 36.0 54.0



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: 0.407 ng

RT: 16.03 min Scan# 1042

Delta R.T. 0.01 min

Lab File: BE098465.D

Acq: 15 Dec 2018 10:29

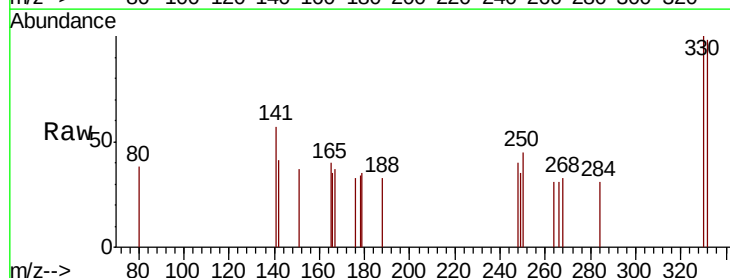
Tgt Ion:330 Resp: 294

Ion Ratio Lower Upper

330 100

332 105.1 76.2 114.4

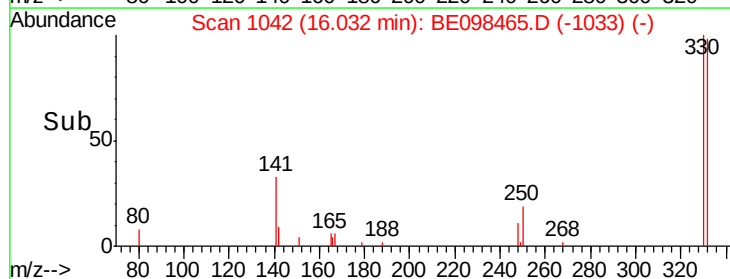
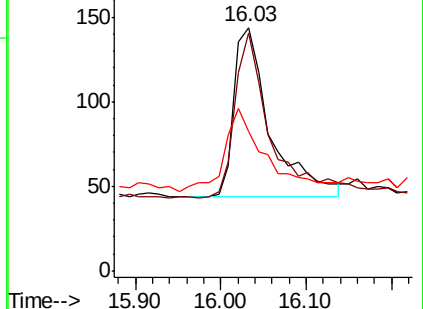
141 54.4 39.0 58.4

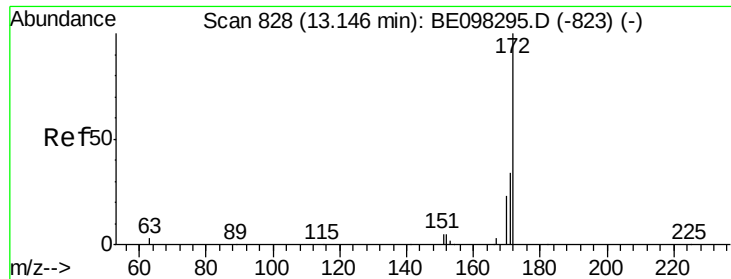


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

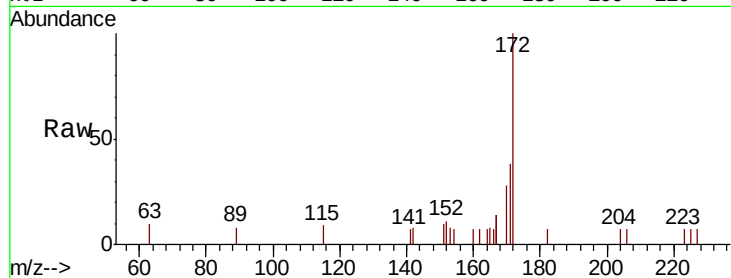




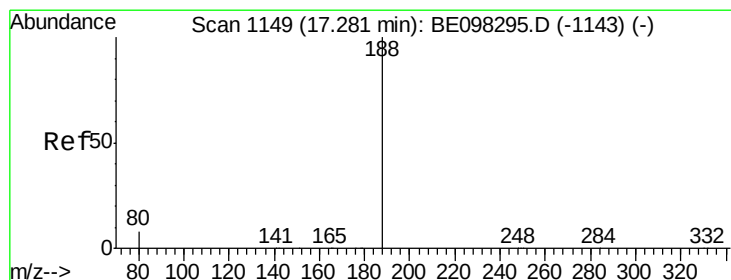
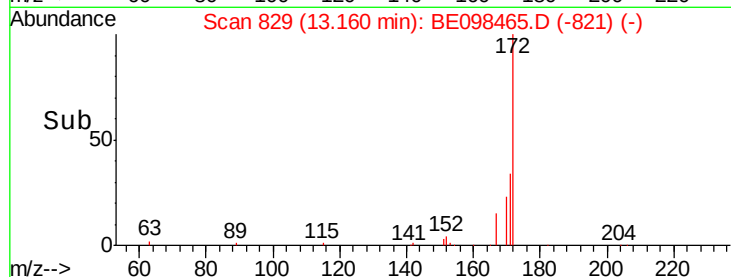
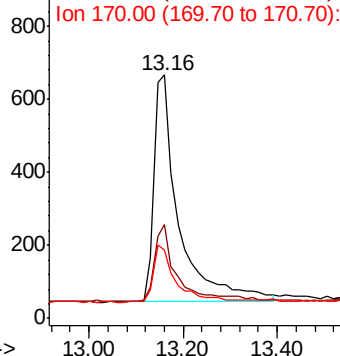
#15
2-Fluorobiphenyl
Concen: 0.275 ng
RT: 13.16 min Scan# 829
Delta R.T. 0.01 min
Lab File: BE098465.D
Acq: 15 Dec 2018 10:29

Instrument :
BNA_E
ClientSampleId :
PB115633BL

Tgt Ion:172 Resp: 2285
Ion Ratio Lower Upper
172 100
171 38.4 27.5 41.3
170 27.9 19.6 29.4

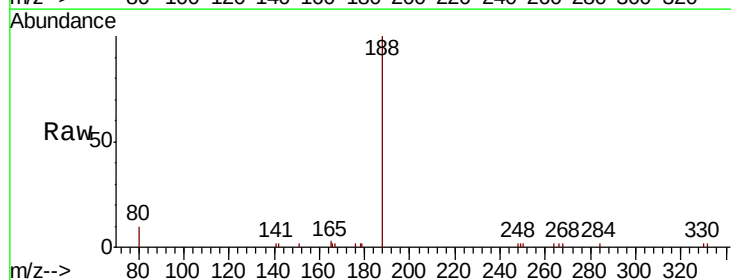


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

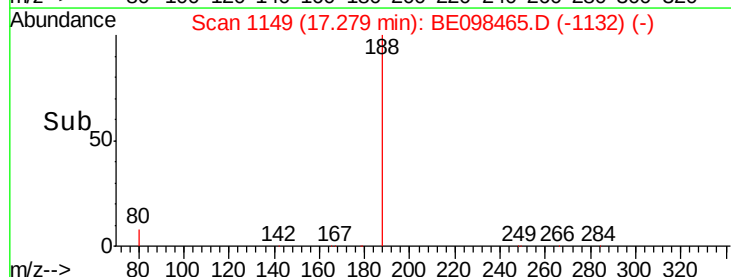
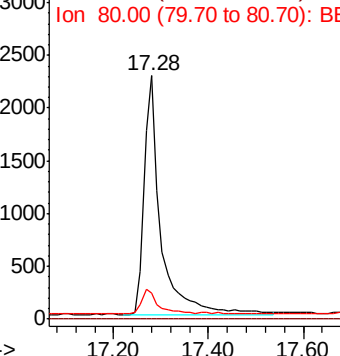


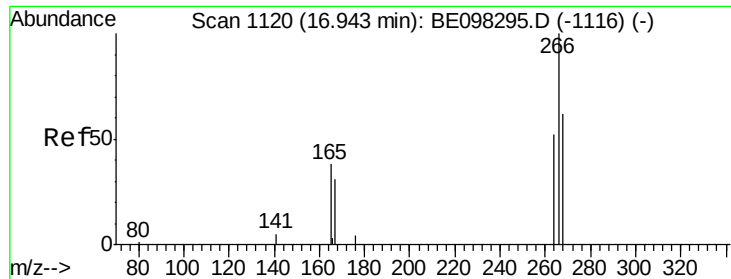
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BE098465.D
Acq: 15 Dec 2018 10:29

Tgt Ion:188 Resp: 5576
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.5 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





#22

Pentachlorophenol

Concen: 0.047 ng

RT: 17.02 min Scan# 1127

Delta R.T. 0.08 min

Lab File: BE098465.D

Acq: 15 Dec 2018 10:29

Instrument :

BNA_E

ClientSampleId :

PB115633BL

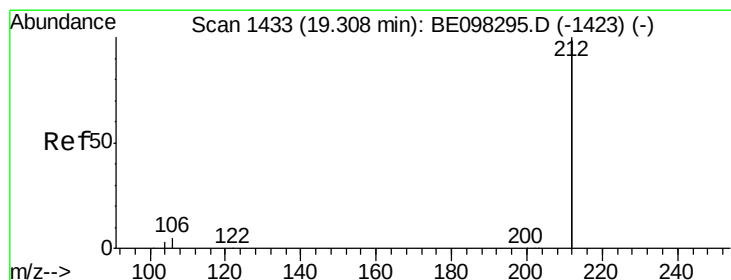
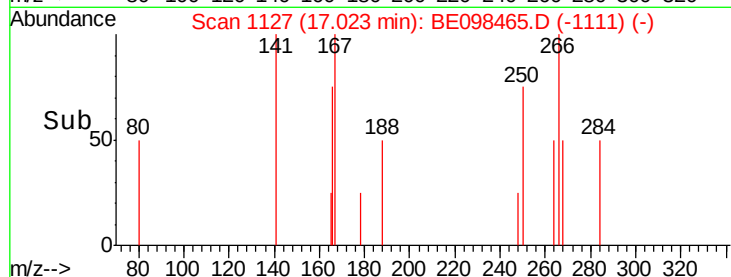
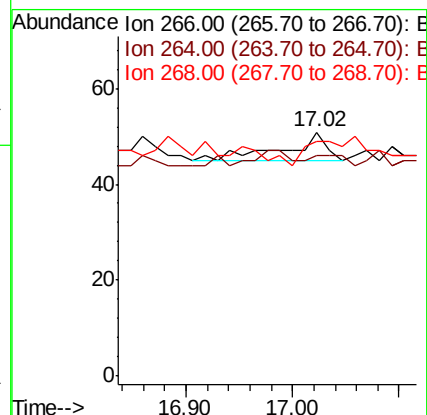
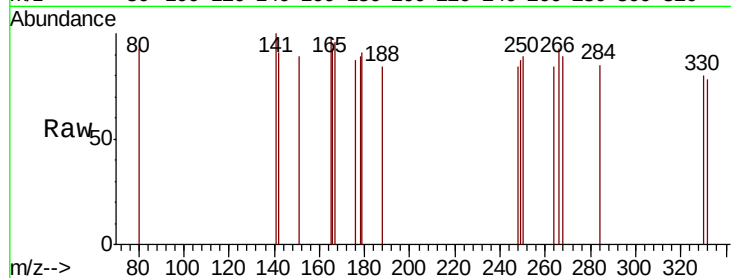
Tgt Ion:266 Resp: 15

Ion Ratio Lower Upper

266 100

264 90.2 59.0 88.4#

268 96.1 55.1 82.7#



#25

Fluoranthene-d10

Concen: 0.341 ng

RT: 19.30 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BE098465.D

Acq: 15 Dec 2018 10:29

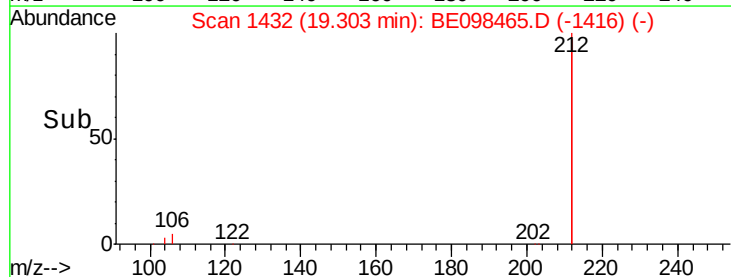
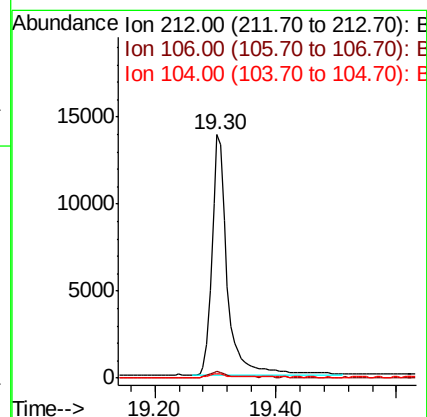
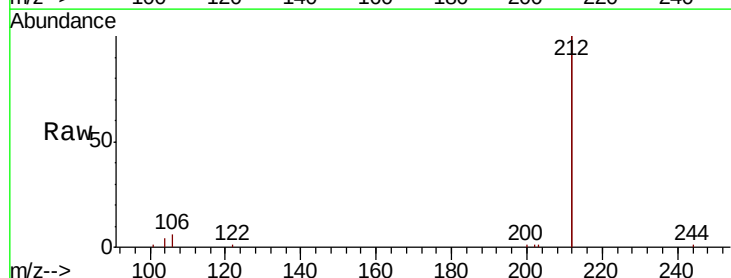
Tgt Ion:212 Resp: 24368

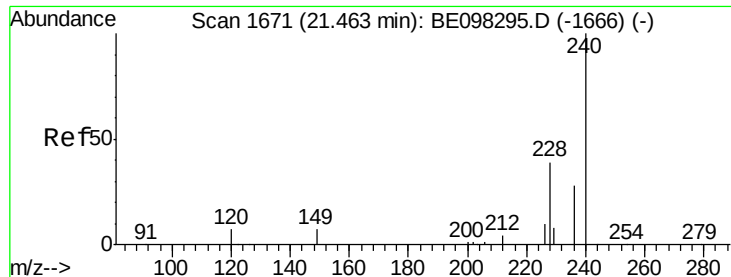
Ion Ratio Lower Upper

212 100

106 2.5 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: BE098465.D

Acq: 15 Dec 2018 10:29

Instrument :

BNA_E

ClientSampleId :

PB115633BL

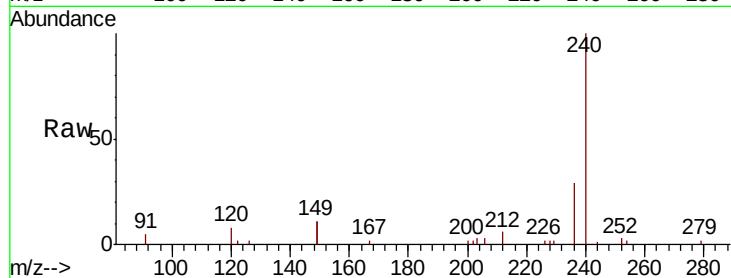
Tgt Ion:240 Resp: 6914

Ion Ratio Lower Upper

240 100

120 8.1 9.5 14.3#

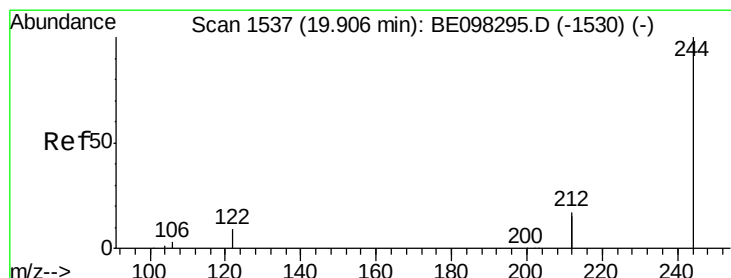
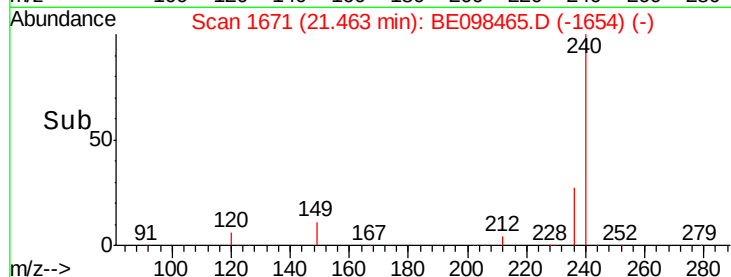
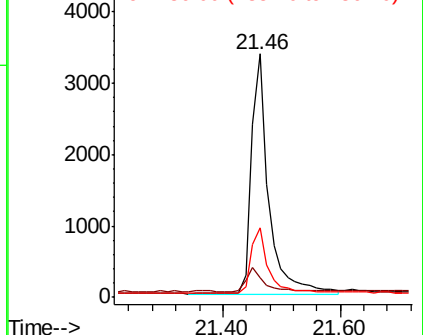
236 28.7 22.7 34.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#29

Terphenyl-d14

Concen: 0.237 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BE098465.D

Acq: 15 Dec 2018 10:29

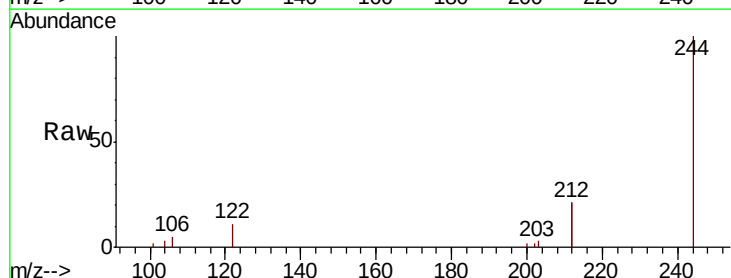
Tgt Ion:244 Resp: 3985

Ion Ratio Lower Upper

244 100

212 41.6 27.4 41.0#

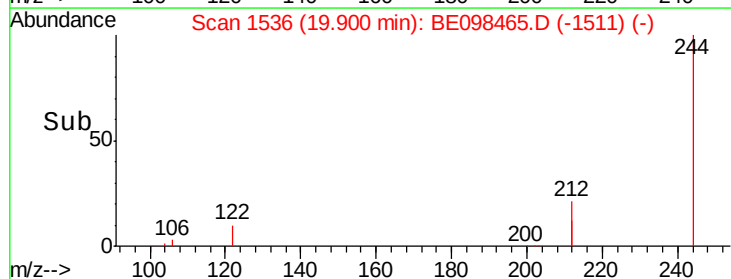
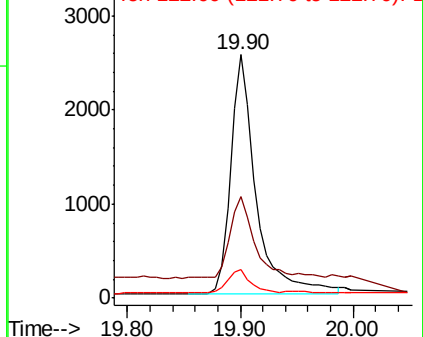
122 11.5 8.3 12.5

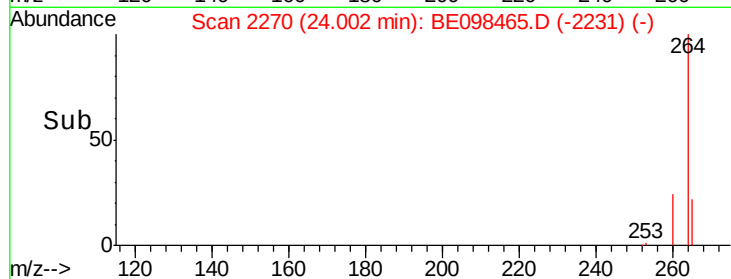
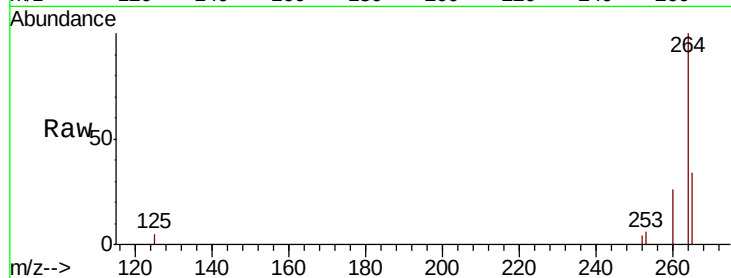
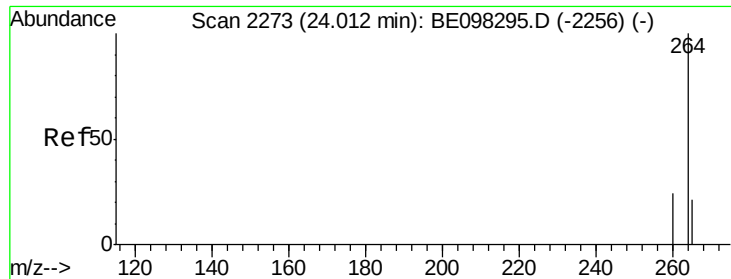


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Perylene-d12

Concen: 0.400 ng

RT: 24.00 min Scan# 2270

Delta R.T. -0.01 min

Lab File: BE098465.D

Acq: 15 Dec 2018 10:29

Instrument :

BNA_E

ClientSampleId :

PB115633BL

Tgt Ion: 264 Resp: 6664

Ion Ratio Lower Upper

264 100

260 25.6 20.2 30.2

265 34.3 25.2 37.8

