

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121518\
 Data File : BE098478.D
 Acq On : 15 Dec 2018 18:46
 Operator : SJ/JU
 Sample : J6405-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE108D2-20181210

Quant Time: Dec 16 02:53:39 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

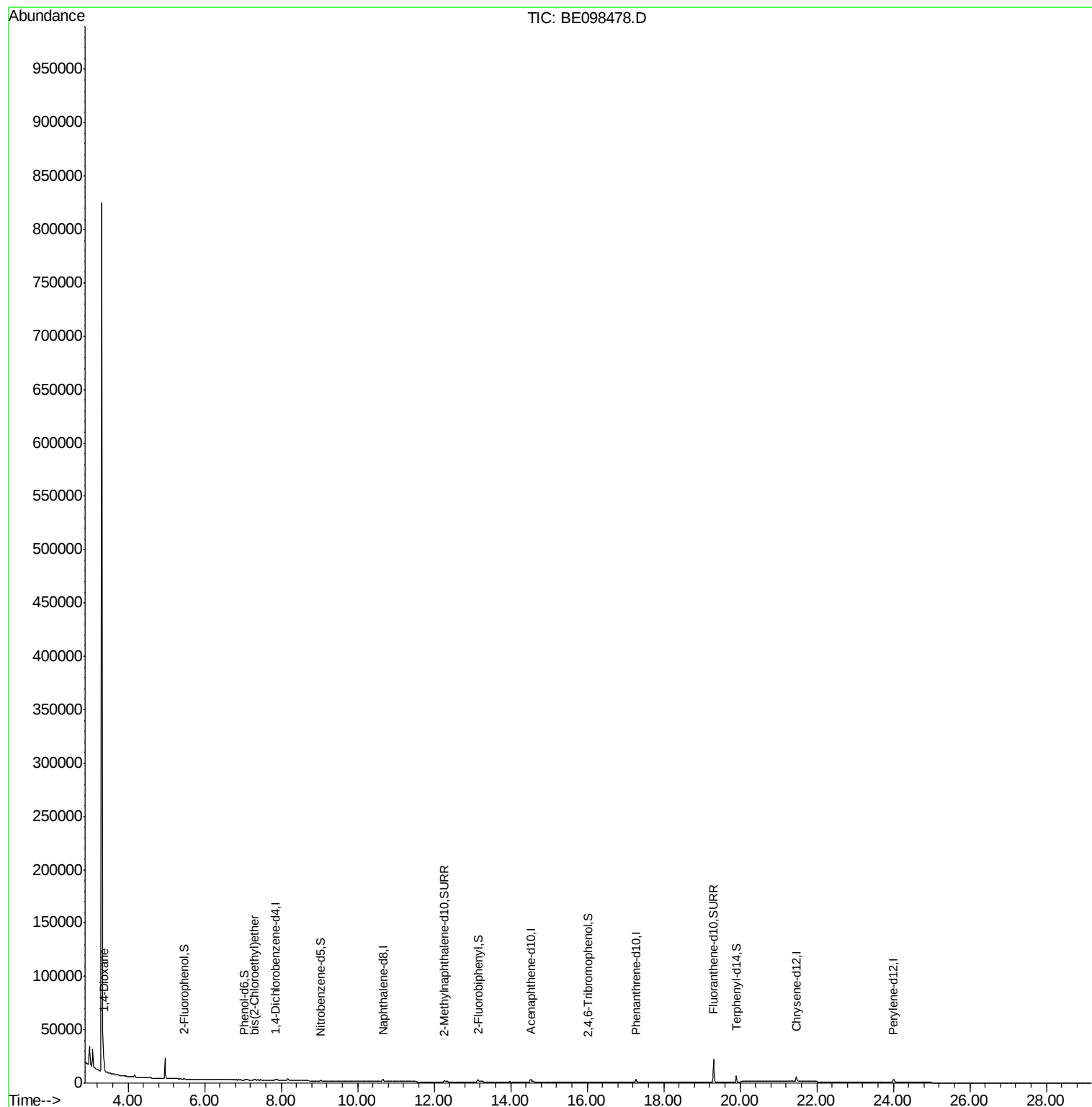
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	773	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	3335	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2127	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	5598	0.40	ng	-0.01
27) Chrysene-d12	21.46	240	6483	0.40	ng	0.00
34) Perylene-d12	24.01	264	6304	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	358	0.20	ng	0.01
5) Phenol-d6	7.05	99	292	0.11	ng	0.00
8) Nitrobenzene-d5	9.04	82	1124	0.37	ng	0.03
11) 2-Methylnaphthalene-d10	12.27	152	2287	0.42	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	343	0.44	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	3834	0.43	ng	0.00
25) Fluoranthene-d10	19.30	212	34445	0.48	ng	0.00
29) Terphenyl-d14	19.90	244	6982	0.44	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.36	88	4060	3.037	ng	# 93
6) bis(2-Chloroethyl)ether	7.29	93	249	0.102	ng	# 88

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

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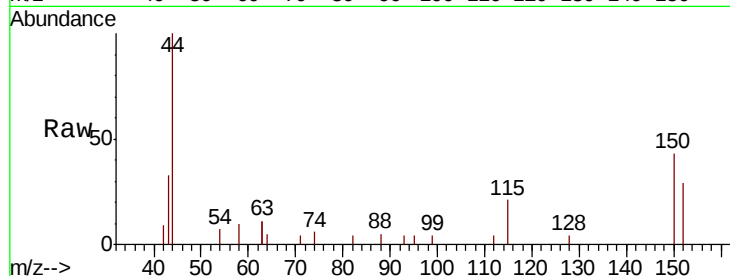


#1

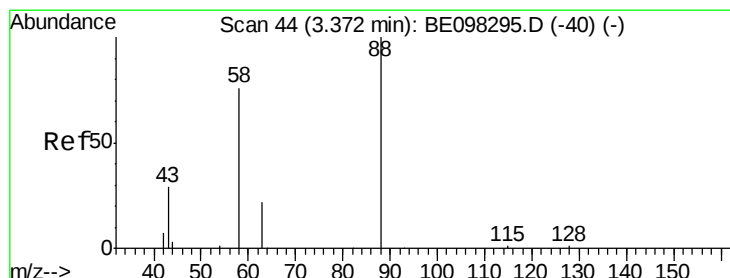
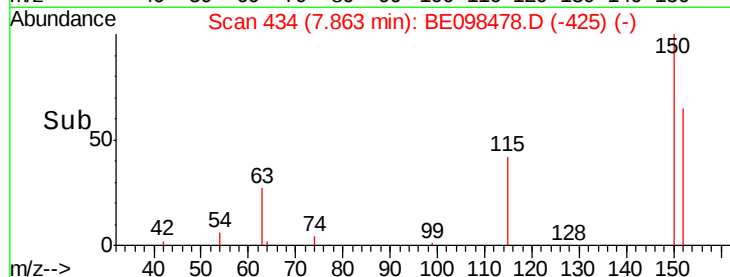
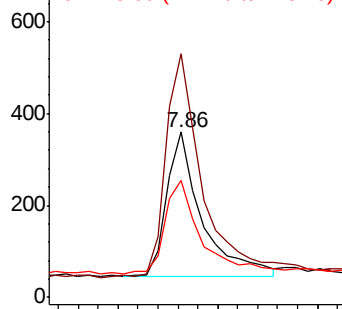
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098478.D
Acq: 15 Dec 2018 18:46

Instrument :
BNA_E
ClientSampleId :
RE108D2-20181210

Tot Ion:152 Resp: 773
Ion Ratio Lower Upper
152 100
150 147.6 124.2 186.4
115 71.0 53.9 80.9



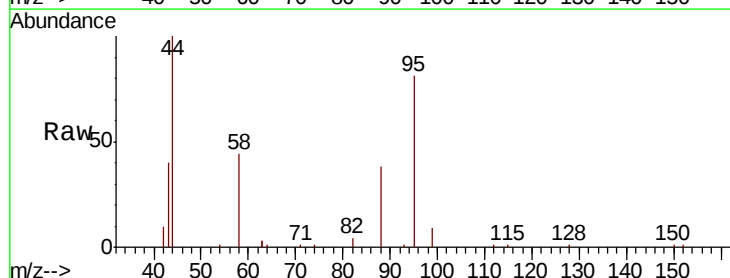
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



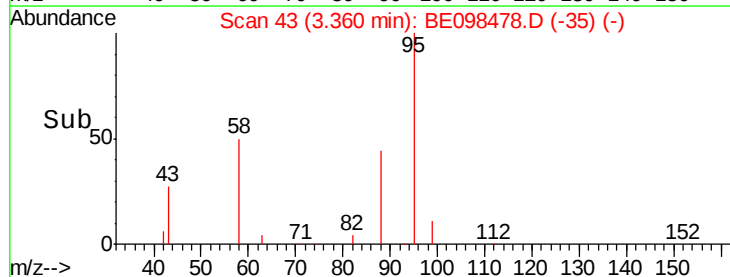
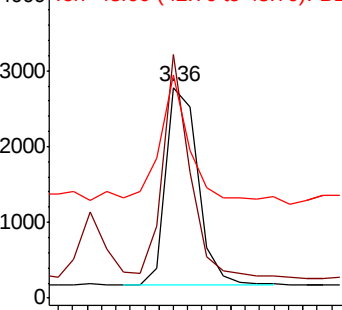
#2

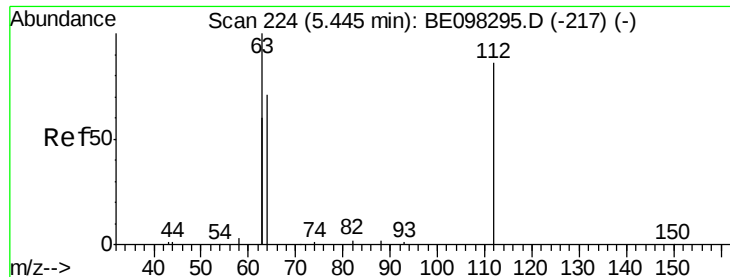
1,4-Dioxane
Concen: 3.037 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE098478.D
Acq: 15 Dec 2018 18:46

Tgt Ion: 88 Resp: 4060
Ion Ratio Lower Upper
88 100
58 90.7 75.0 112.6
43 58.0 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





#4

2-Fluorophenol

Concen: 0.198 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098478.D

Acq: 15 Dec 2018 18:46

Instrument :

BNA_E

ClientSampleId :

RE108D2-20181210

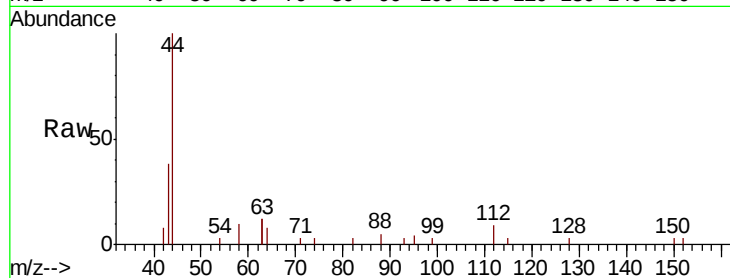
Tot Ion: 112 Resp: 358

Ion Ratio Lower Upper

112 100

64 95.3 59.8 89.8#

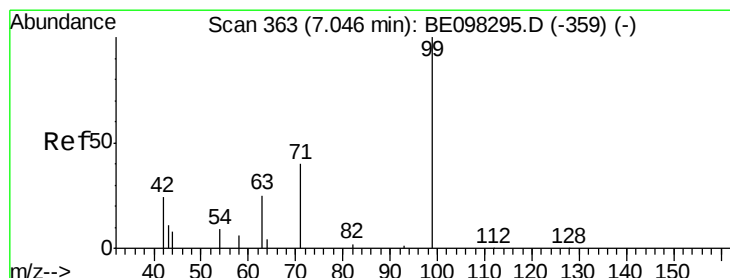
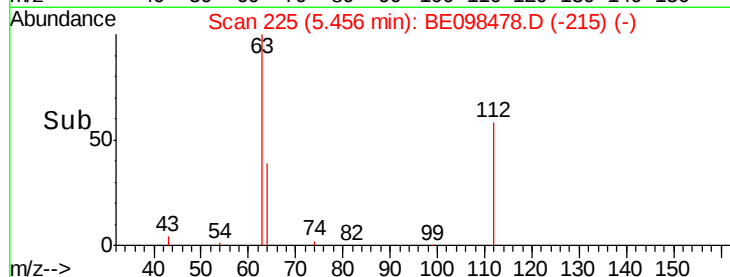
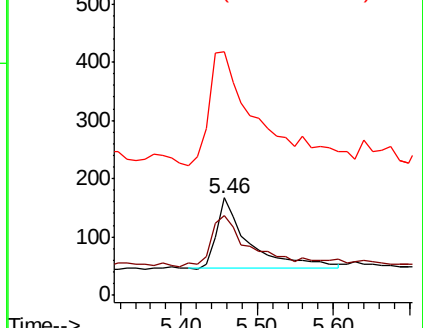
63 249.4 133.7 200.5#



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: 0.114 ng

RT: 7.05 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098478.D

Acq: 15 Dec 2018 18:46

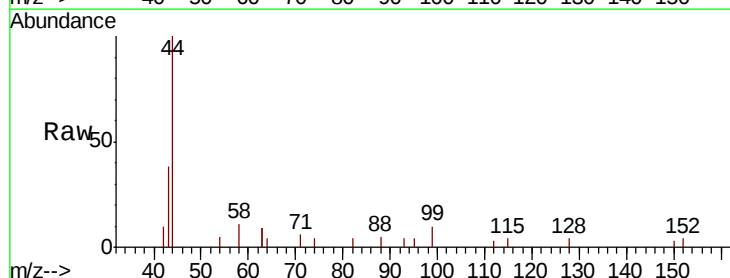
Tgt Ion: 99 Resp: 292

Ion Ratio Lower Upper

99 100

42 24.7 26.3 39.5#

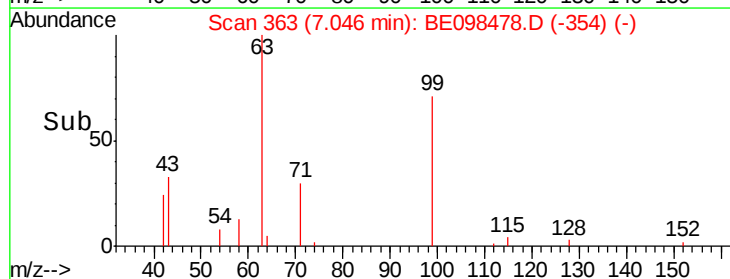
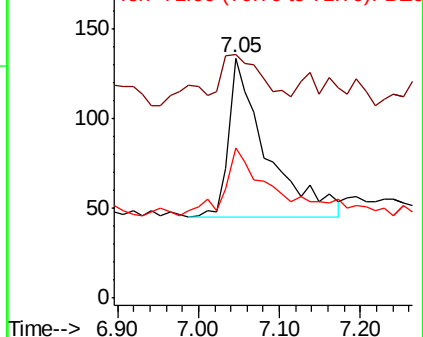
71 57.5 33.6 50.4#

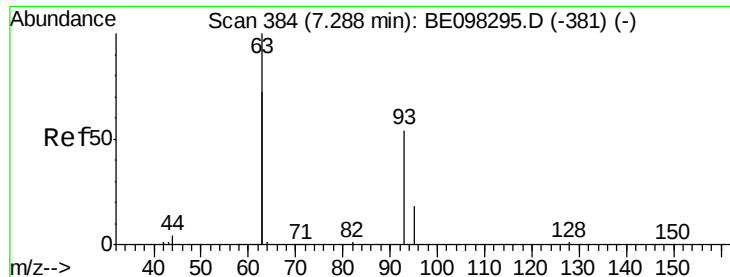


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.102 ng

RT: 7.29 min Scan# 384

Delta R.T. -0.00 min

Lab File: BE098478.D

Acq: 15 Dec 2018 18:46

Instrument :

BNA_E

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RE108D2-20181210

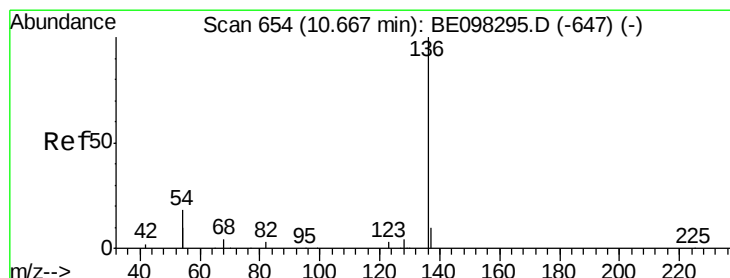
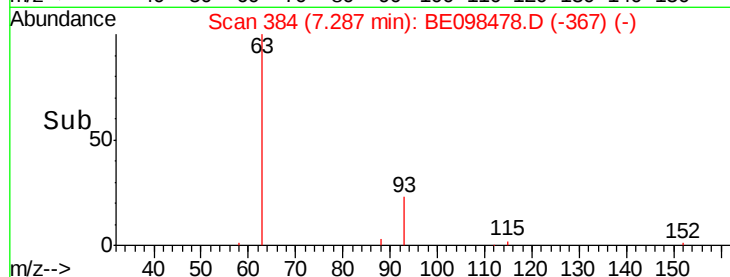
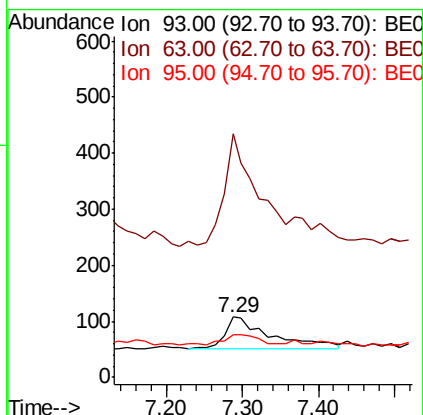
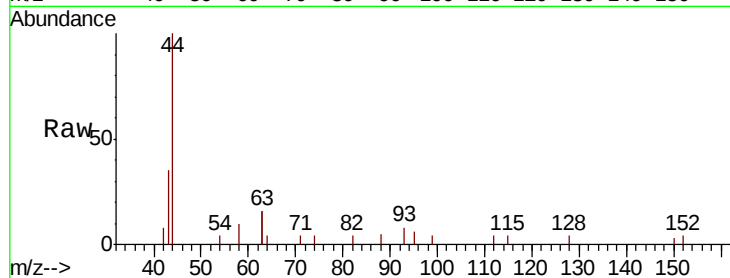
Tot Ion: 93 Resp: 249

Ion Ratio Lower Upper

93 100

63 307.6 264.4 396.6

95 22.9 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: BE098478.D

Acq: 15 Dec 2018 18:46

Tgt Ion: 136 Resp: 3335

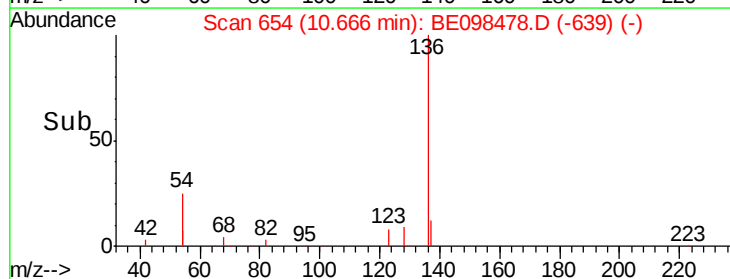
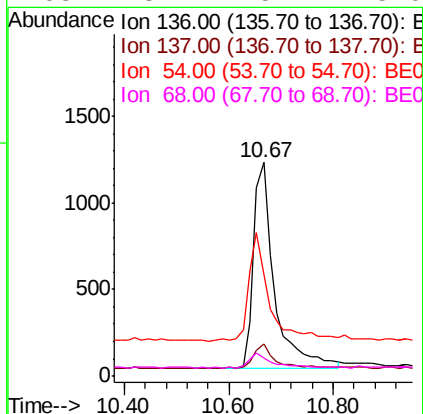
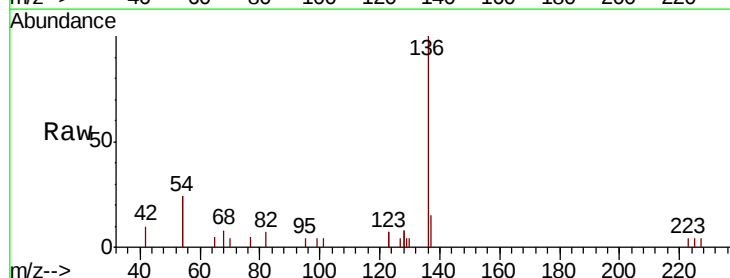
Ion Ratio Lower Upper

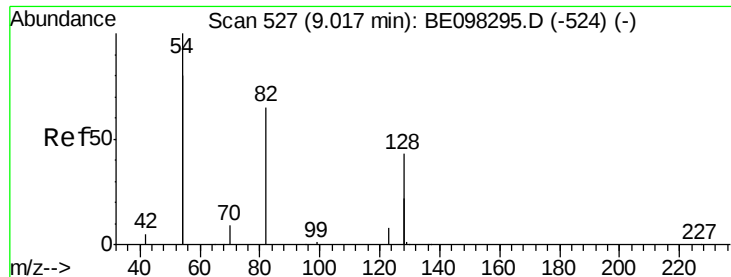
136 100

137 15.1 9.2 13.8#

54 47.5 28.4 42.6#

68 8.2 5.4 8.0#

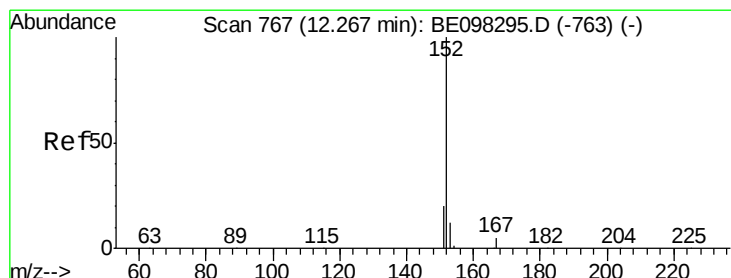
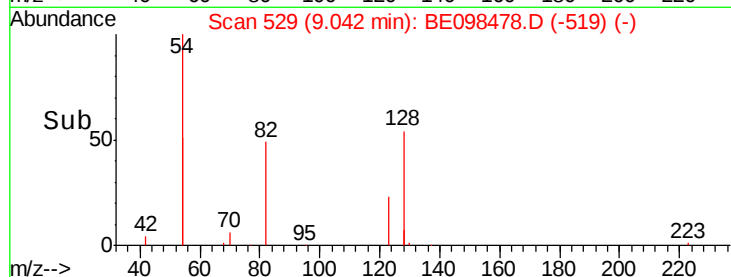
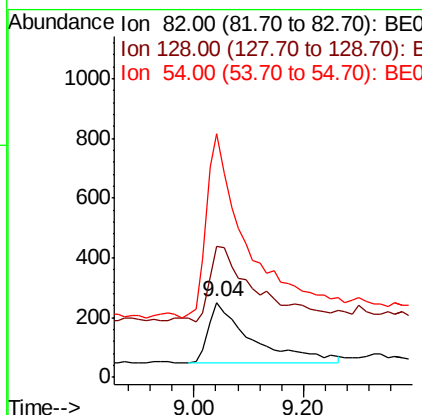
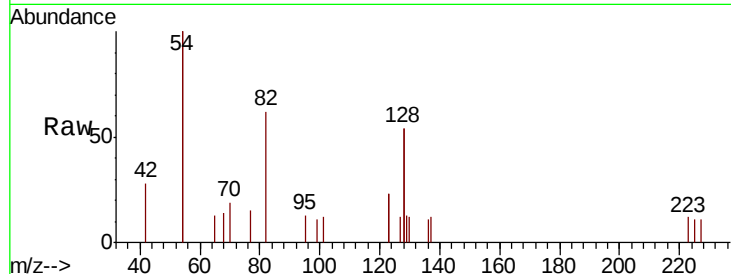




#8
 Nitrobenzene-d5
 Concen: 0.370 ng
 RT: 9.04 min Scan# 529
 Delta R.T. 0.03 min
 Lab File: BE098478.D
 Acq: 15 Dec 2018 18:46

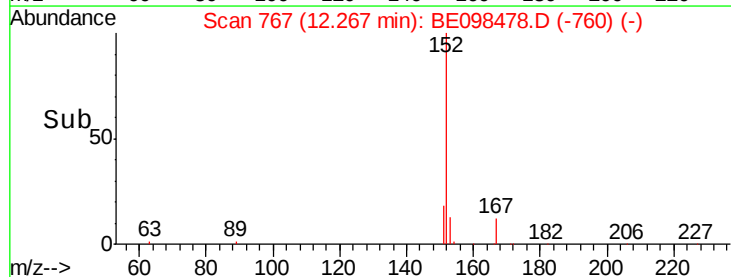
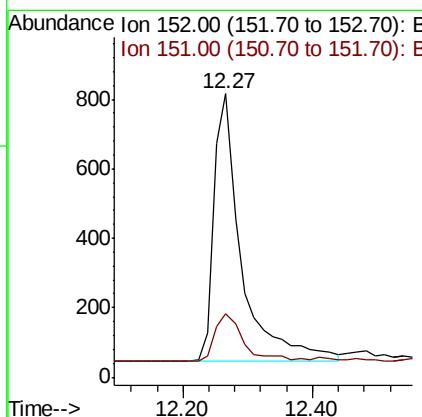
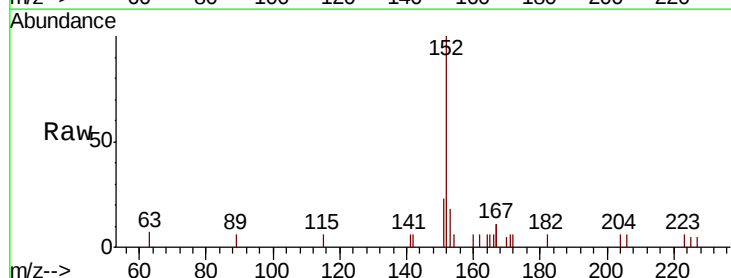
Instrument :
 BNA_E
 ClientSampleId :
 RE108D2-20181210

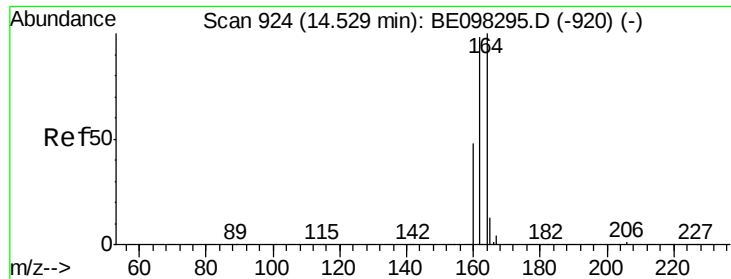
Tot Ion: 82 Resp: 1124
 Ion Ratio Lower Upper
 82 100
 128 175.3 102.4 153.6#
 54 325.1 221.8 332.8



#11
 2-Methylnaphthalene-d10
 Concen: 0.422 ng
 RT: 12.27 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BE098478.D
 Acq: 15 Dec 2018 18:46

Tgt Ion: 152 Resp: 2287
 Ion Ratio Lower Upper
 152 100
 151 19.1 16.2 24.4

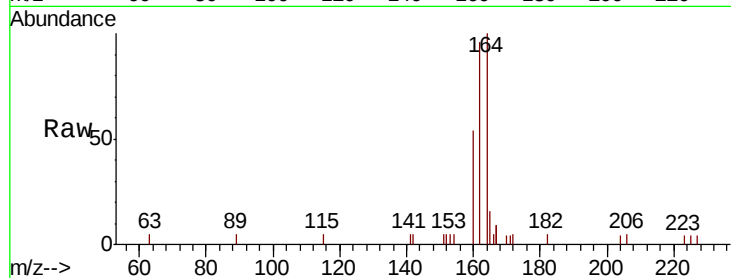




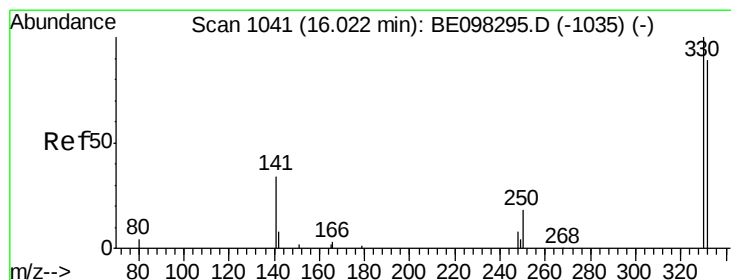
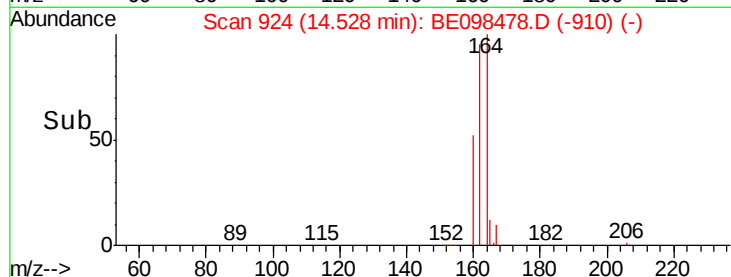
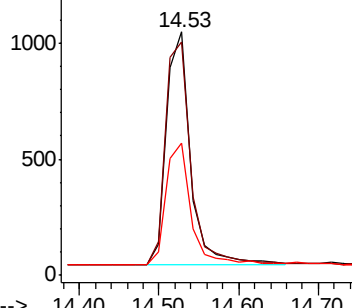
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098478.D
Acq: 15 Dec 2018 18:46

Instrument :
BNA_E
ClientSampleId :
RE108D2-20181210

Tot Ion:164 Resp: 2127
Ion Ratio Lower Upper
164 100
162 95.7 77.6 116.4
160 54.3 36.0 54.0#

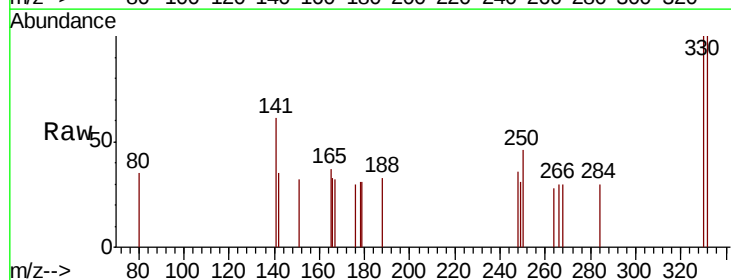


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

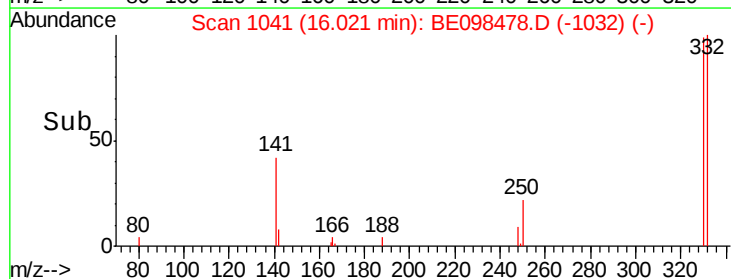
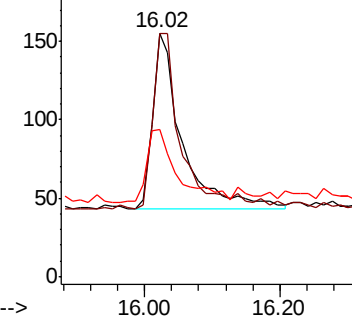


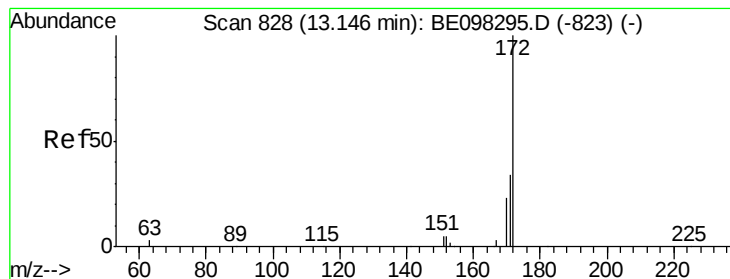
#14
2,4,6-Tribromophenol
Concen: 0.439 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098478.D
Acq: 15 Dec 2018 18:46

Tgt Ion:330 Resp: 343
Ion Ratio Lower Upper
330 100
332 94.8 76.2 114.4
141 43.7 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: 0.427 ng

RT: 13.15 min Scan# 828

Delta R.T. -0.00 min

Lab File: BE098478.D

Acq: 15 Dec 2018 18:46

Instrument :

BNA_E

ClientSampleId :

RE108D2-20181210

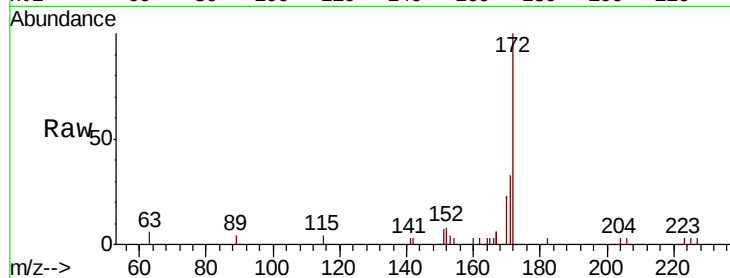
Tot Ion:172 Resp: 3834

Ion Ratio Lower Upper

172 100

171 33.3 27.5 41.3

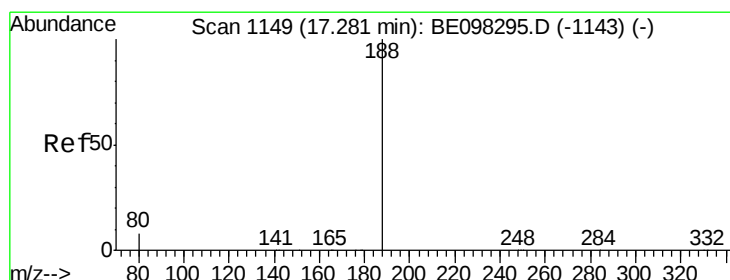
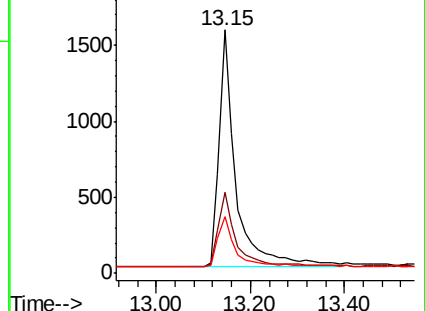
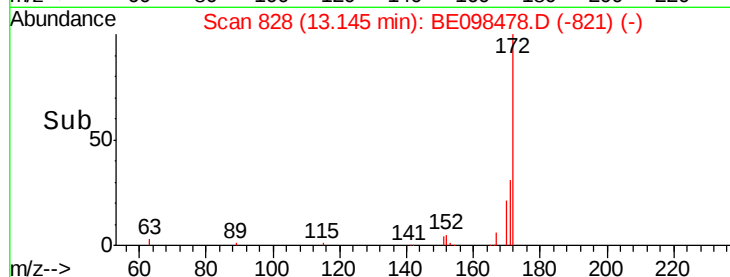
170 23.1 19.6 29.4



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: BE098478.D

Acq: 15 Dec 2018 18:46

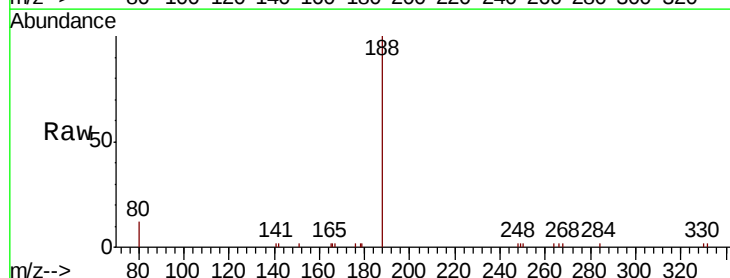
Tgt Ion:188 Resp: 5598

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

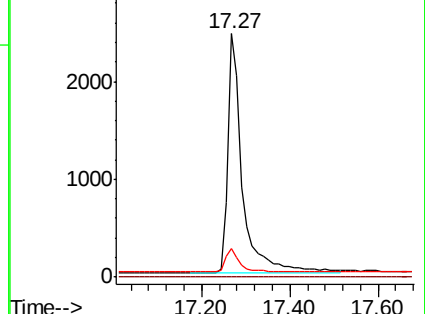
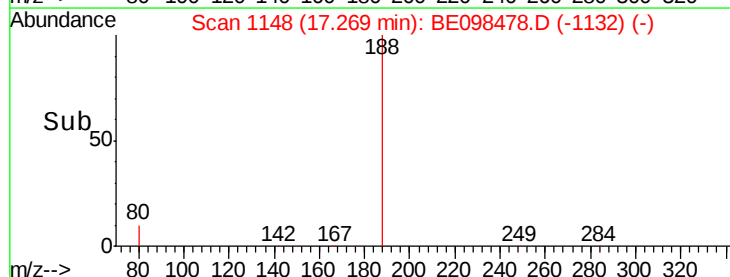
80 11.8 7.2 10.8#

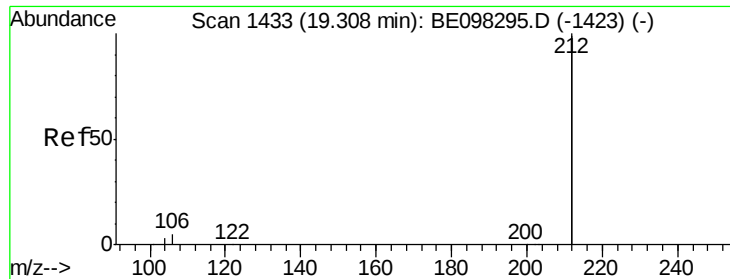


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

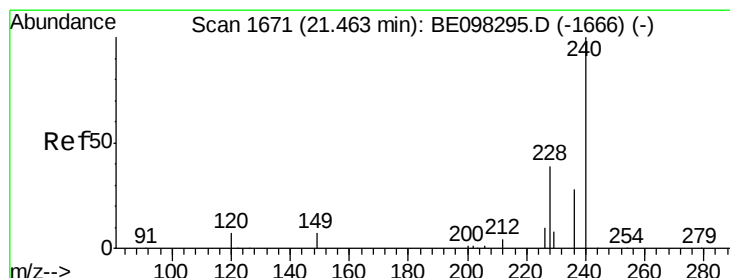
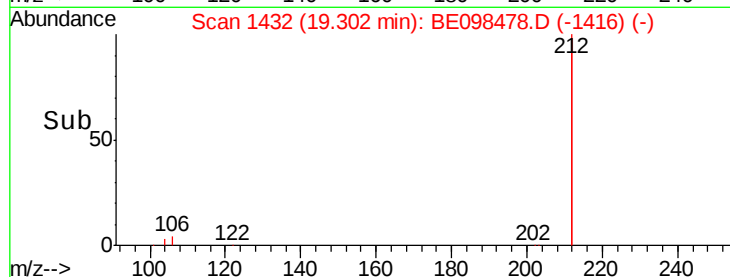
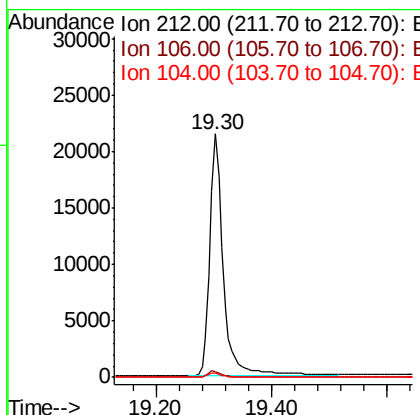
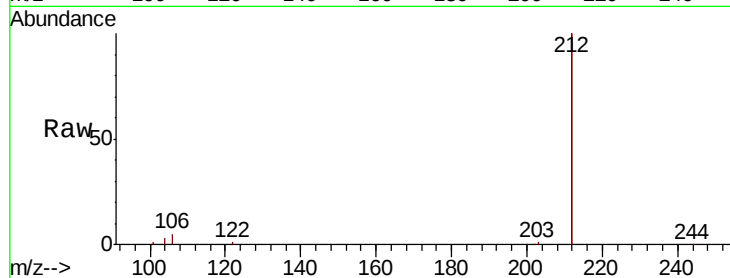




#25
 Fluoranthene-d10
 Concen: 0.480 ng
 RT: 19.30 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BE098478.D
 Acq: 15 Dec 2018 18:46

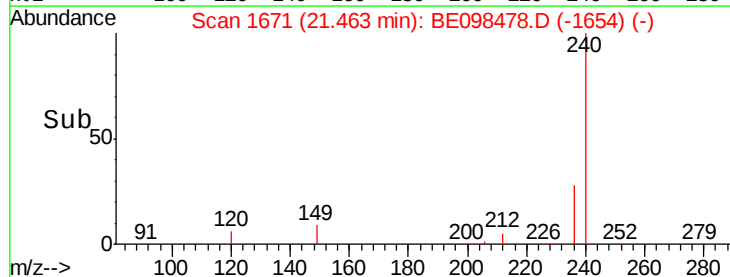
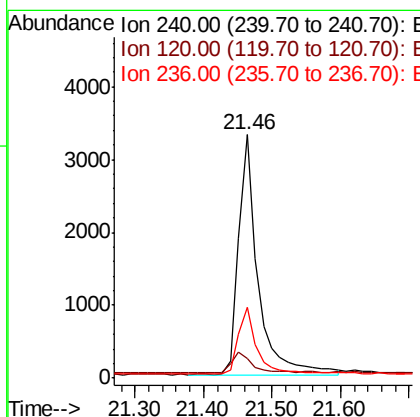
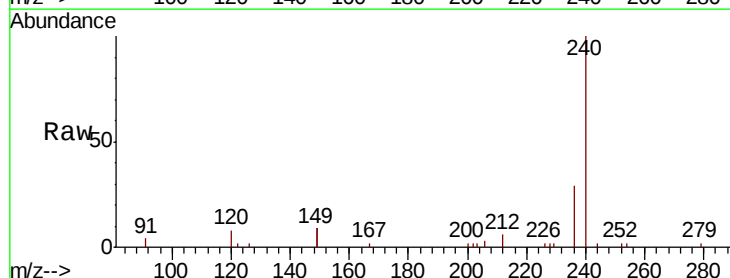
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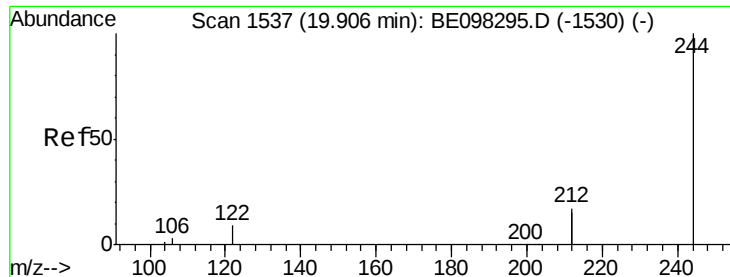
Tot Ion:212 Resp: 34445
 Ion Ratio Lower Upper
 212 100
 106 2.5 2.2 3.2
 104 1.4 1.3 1.9



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.46 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: BE098478.D
 Acq: 15 Dec 2018 18:46

Tgt Ion:240 Resp: 6483
 Ion Ratio Lower Upper
 240 100
 120 8.0 9.5 14.3#
 236 28.9 22.7 34.1





#29

Terphenyl-d14

Concen: 0.443 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BE098478.D

Acq: 15 Dec 2018 18:46

Instrument :

BNA_E

ClientSampleId :

RE108D2-20181210

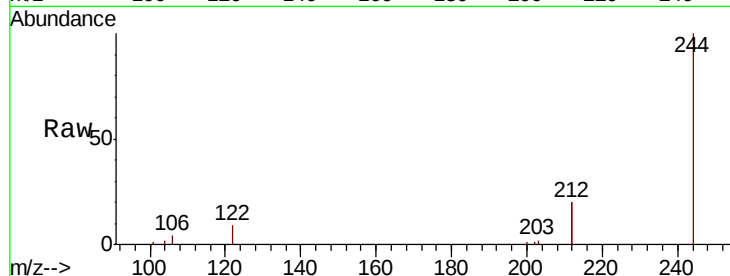
Tot Ion:244 Resp: 6982

Ion Ratio Lower Upper

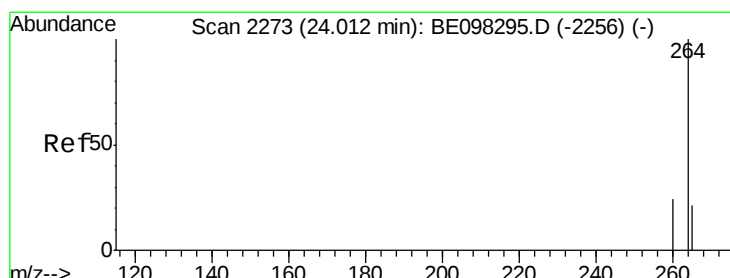
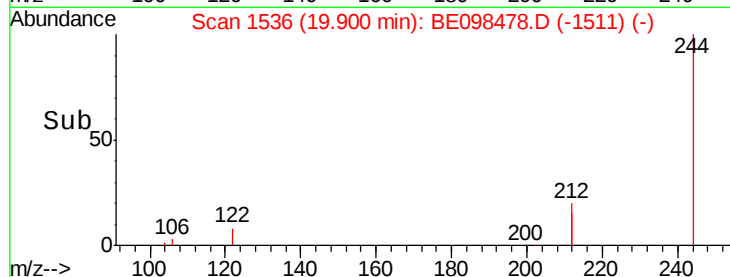
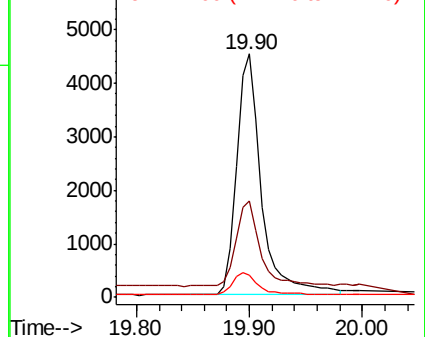
244 100

212 39.5 27.4 41.0

122 9.2 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: 24.01 min Scan# 2272

Delta R.T. -0.00 min

Lab File: BE098478.D

Acq: 15 Dec 2018 18:46

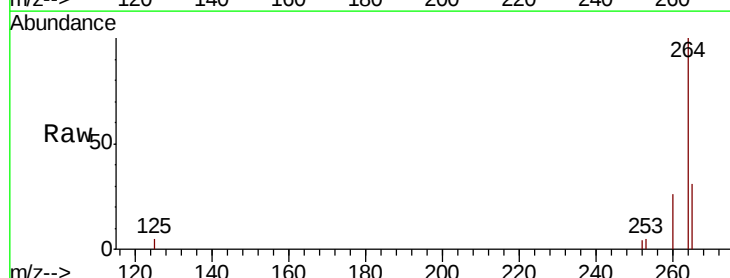
Tgt Ion:264 Resp: 6304

Ion Ratio Lower Upper

264 100

260 26.2 20.2 30.2

265 30.9 25.2 37.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

