

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050118\
 Data File : BE096275.D
 Acq On : 2 May 2018 1:58
 Operator : SJ/JU
 Sample : J2641-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 02 04:07:32 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 30 14:27:29 2018
 Response via : Initial Calibration

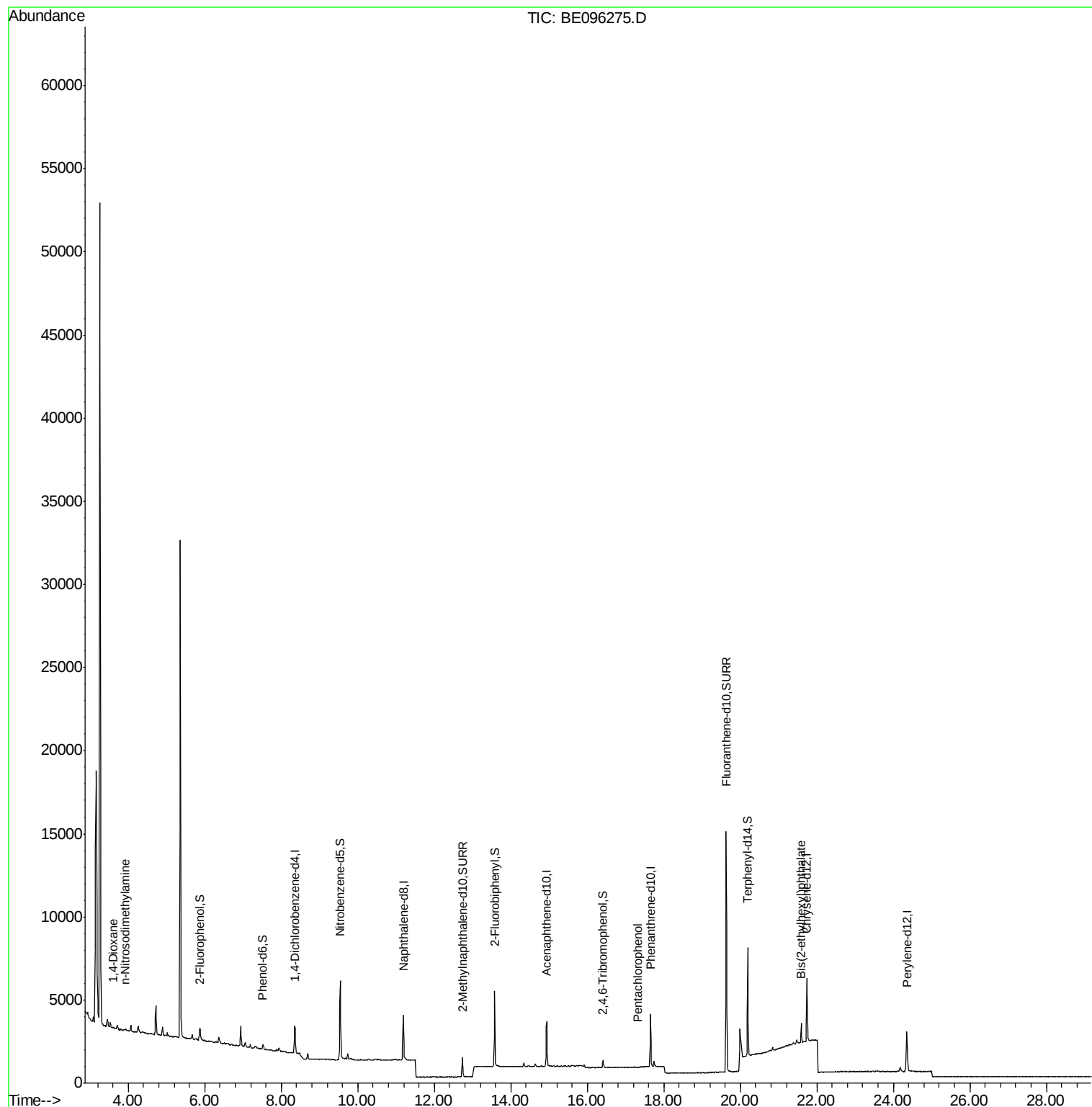
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	846	0.40	ng	0.00
7) Naphthalene-d8	11.19	136	3190	0.40	ng	0.00
13) Acenaphthene-d10	14.94	164	1706	0.40	ng	0.00
19) Phenanthrene-d10	17.65	188	4128	0.40	ng	0.00
27) Chrysene-d12	21.74	240	4161	0.40	ng	0.00
34) Perylene-d12	24.35	264	3751	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.88	112	390	0.15	ng	0.01
5) Phenol-d6	7.52	99	300	0.08	ng	0.01
8) Nitrobenzene-d5	9.54	82	1887	0.50	ng	0.00
11) 2-Methylnaphthalene-d10	12.74	152	1642	0.32	ng	0.00
14) 2,4,6-Tribromophenol	16.41	330	279	0.34	ng	0.00
15) 2-Fluorobiphenyl	13.57	172	4166	0.57	ng	0.00
25) Fluoranthene-d10	19.63	212	19077	0.34	ng	0.00
29) Terphenyl-d14	20.19	244	5688	0.62	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.60	88	33	0.025	ng	Qvalue # 17
3) n-Nitrosodimethylamine	3.92	42	45	0.028	ng	# 1
22) Pentachlorophenol	17.32	266	3	0.138	ng	94
32) Bis(2-ethylhexyl)phthalate	21.60	149	1407	0.041	ng	97

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

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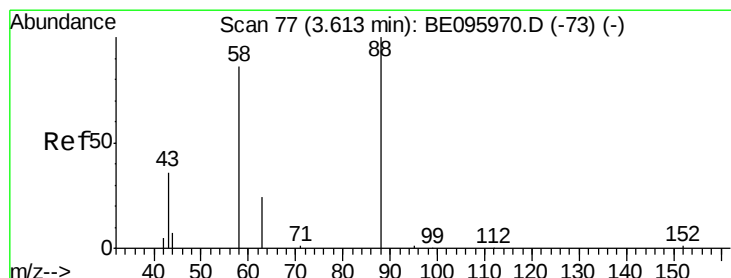
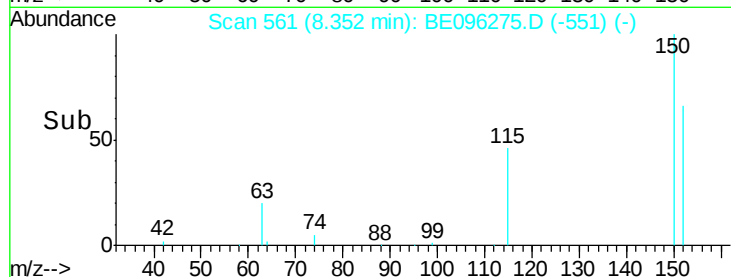
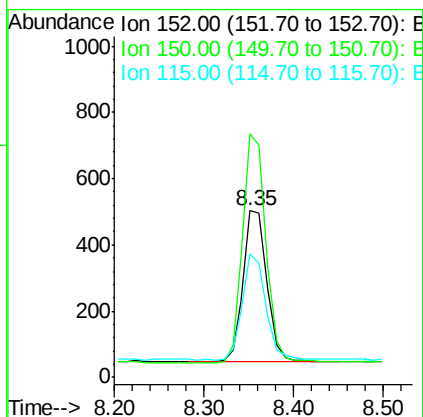
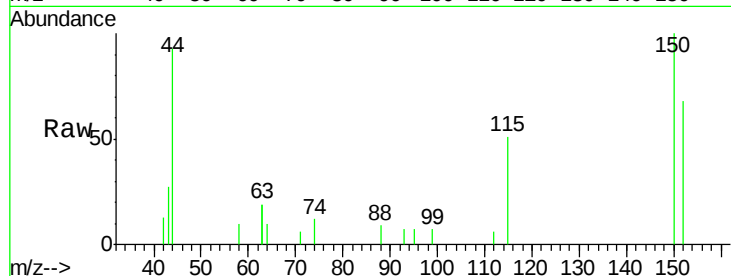


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.35 min Scan# 561
Delta R.T. -0.01 min
Lab File: BE096275.D
Acq: 2 May 2018 1:58

Instrument :
BNA_E
ClientSampled :

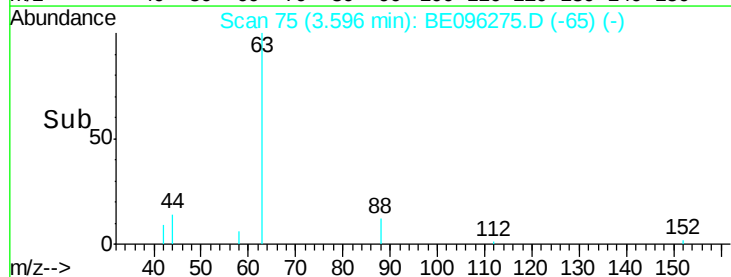
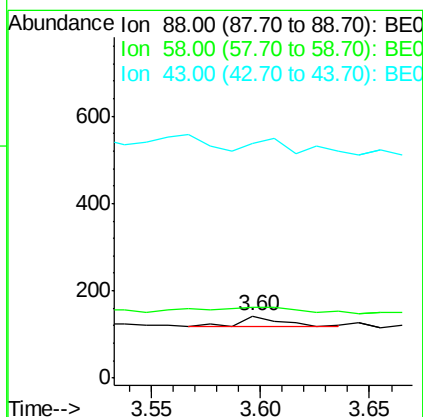
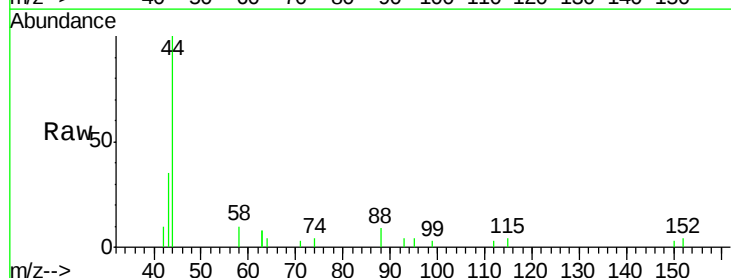
Tot Ion:152 Resp: 846
Ion Ratio Lower Upper
152 100
150 146.4 117.2 175.8
115 74.3 57.0 85.6

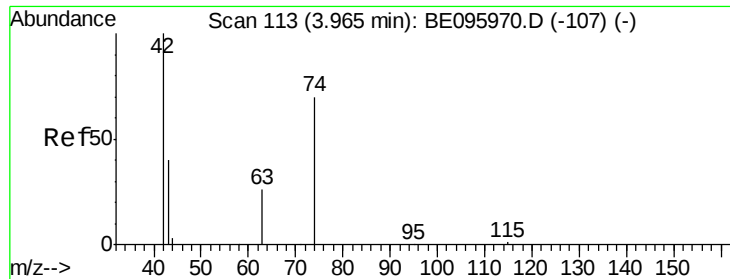


#2

1,4-Dioxane
Concen: 0.025 ng
RT: 3.60 min Scan# 75
Delta R.T. -0.01 min
Lab File: BE096275.D
Acq: 2 May 2018 1:58

Tgt Ion: 88 Resp: 33
Ion Ratio Lower Upper
88 100
58 97.0 63.2 94.8#
43 175.8 41.2 61.8#





#3

n-Nitrosodimethylamine

Concen: 0.028 ng

RT: 3.92 min Scan# 108

Delta R.T. -0.04 min

Lab File: BE096275.D

Acq: 2 May 2018 1:58

Instrument :

BNA_E

ClientSampleId :

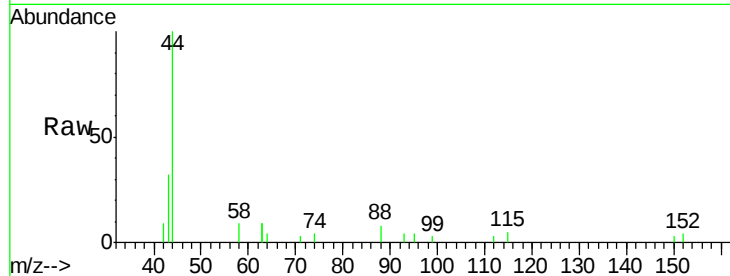
Tot Ion: 42 Resp: 45

Ion Ratio Lower Upper

42 100

74 24.4 96.0 144.0#

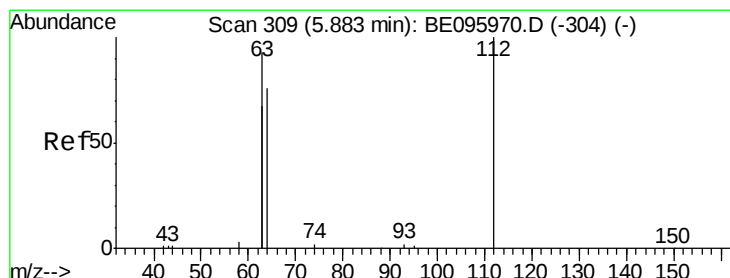
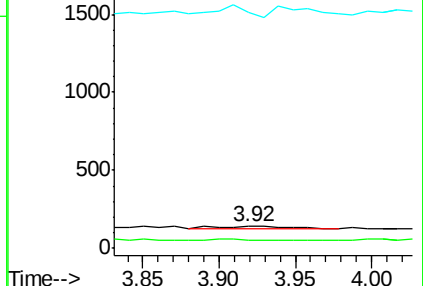
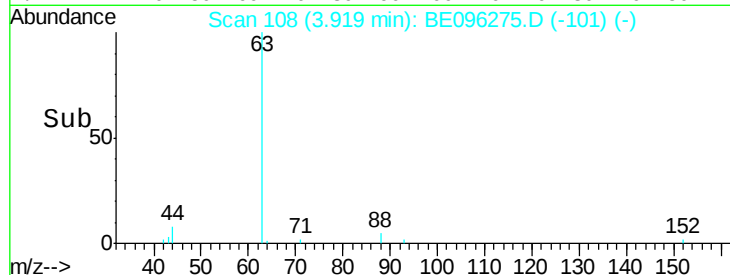
44 253.3 12.0 18.0#



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: 0.149 ng

RT: 5.88 min Scan# 308

Delta R.T. 0.01 min

Lab File: BE096275.D

Acq: 2 May 2018 1:58

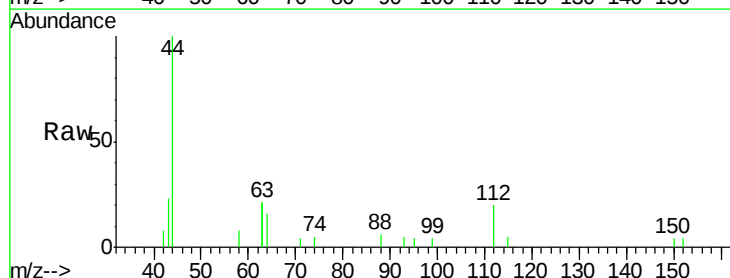
Tgt Ion: 112 Resp: 390

Ion Ratio Lower Upper

112 100

64 76.7 60.1 90.1

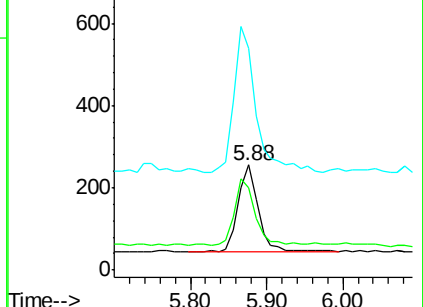
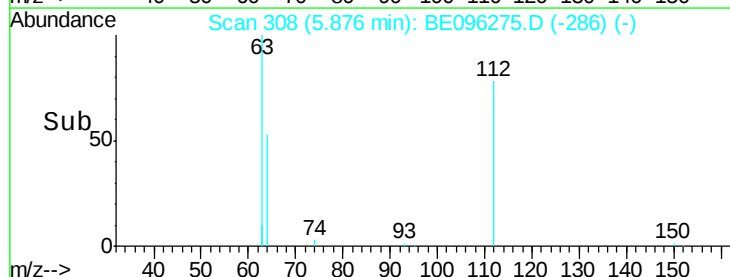
63 176.4 116.8 175.2#

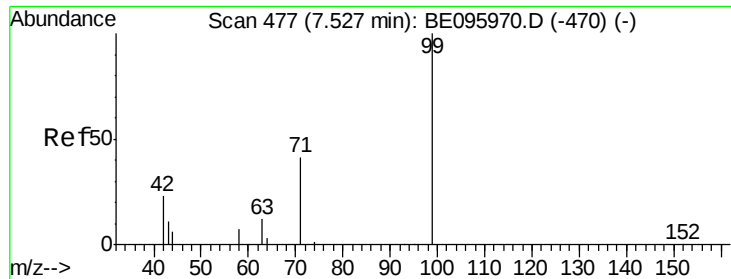


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.083 ng

RT: 7.52 min Scan# 476

Delta R.T. 0.01 min

Lab File: BE096275.D

Acq: 2 May 2018 1:58

Instrument :

BNA_E

ClientSampled :

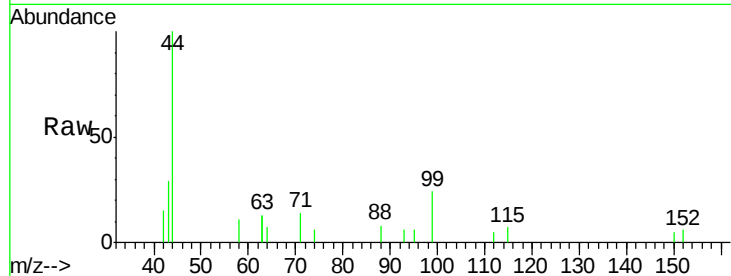
Tot Ion: 99 Resp: 300

Ion Ratio Lower Upper

99 100

42 25.3 20.2 30.2

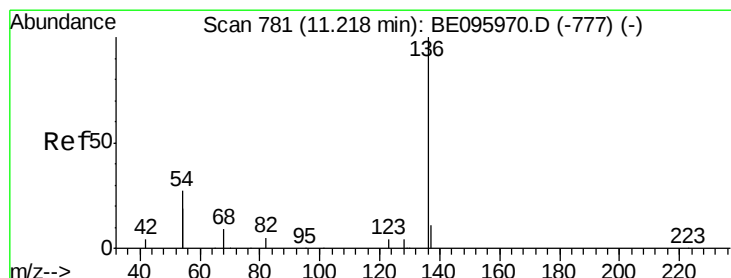
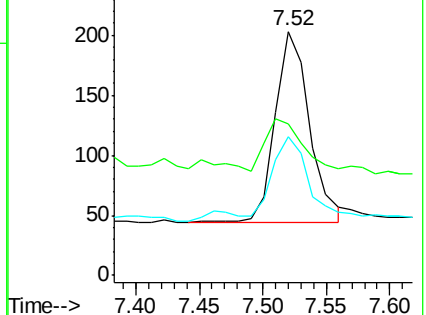
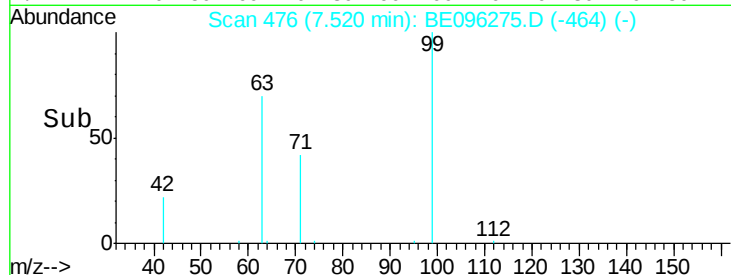
71 42.3 28.4 42.6



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: 11.19 min Scan# 779

Delta R.T. 0.00 min

Lab File: BE096275.D

Acq: 2 May 2018 1:58

Tgt Ion: 136 Resp: 3190

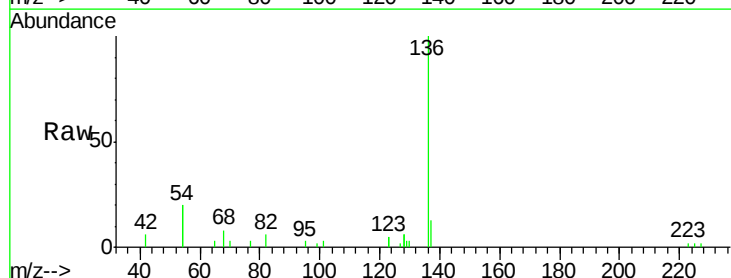
Ion Ratio Lower Upper

136 100

137 12.5 9.5 14.3

54 39.1 29.1 43.7

68 7.6 6.2 9.2

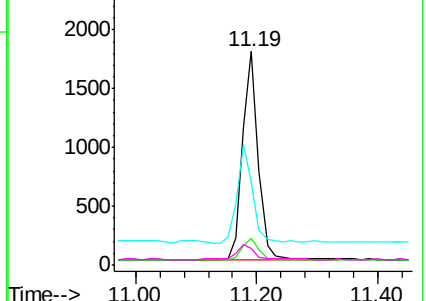
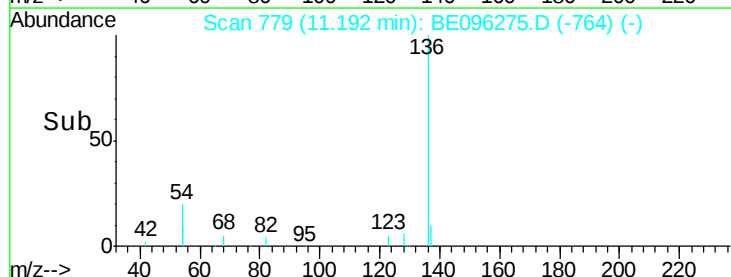


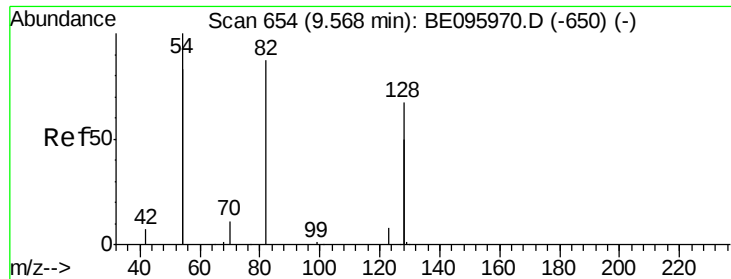
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.504 ng

RT: 9.54 min Scan# 652

Delta R.T. -0.00 min

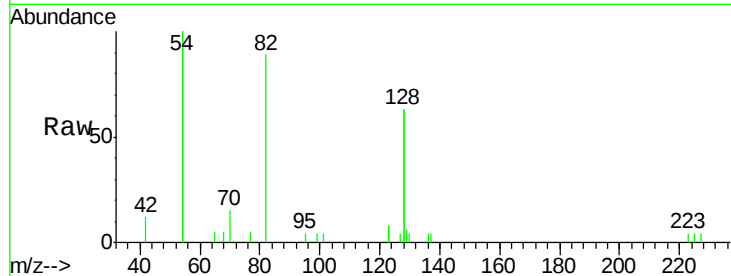
Lab File: BE096275.D

Acq: 2 May 2018 1:58

Instrument :

BNA_E

ClientSampleId :



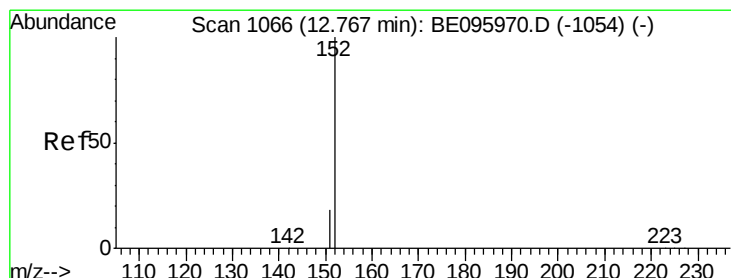
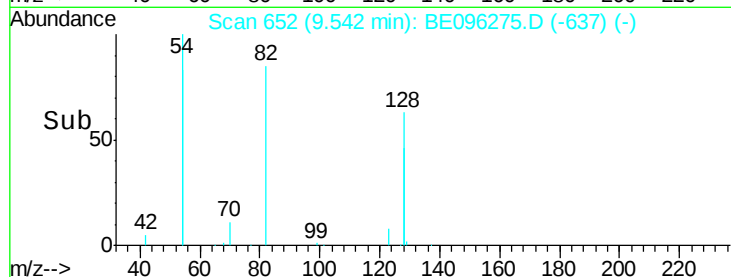
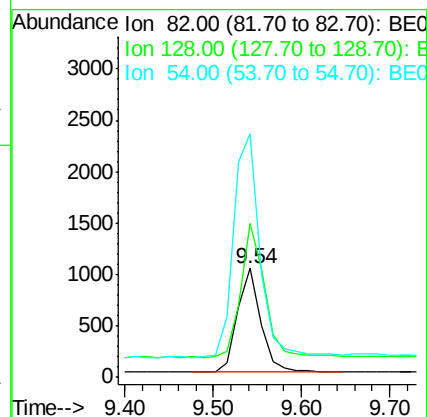
Tot Ion: 82 Resp: 1887

Ion Ratio Lower Upper

82 100

128 141.5 150.0 225.0#

54 224.2 154.2 231.4



#11

2-Methylnaphthalene-d10

Concen: 0.325 ng

RT: 12.74 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BE096275.D

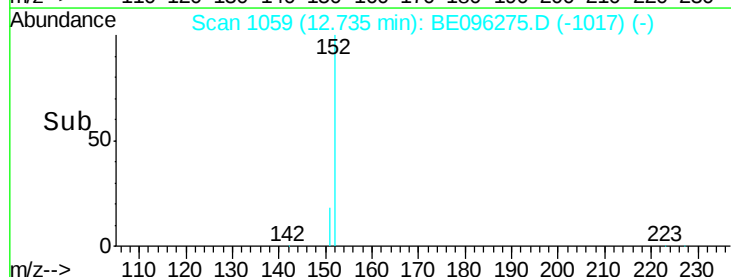
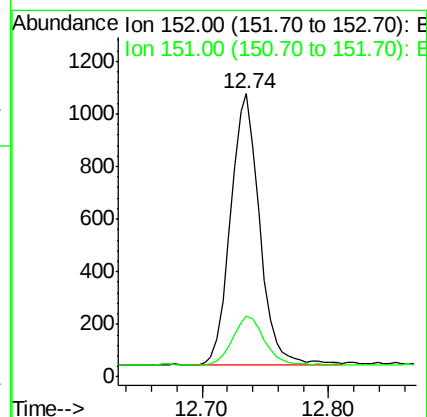
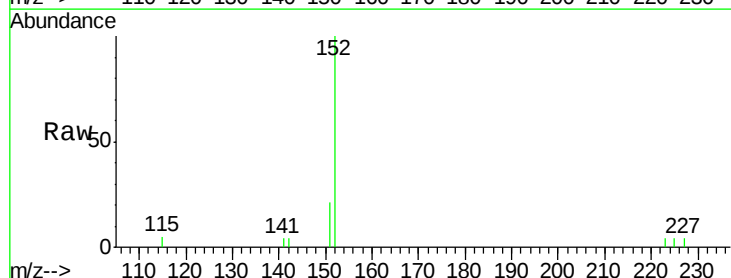
Acq: 2 May 2018 1:58

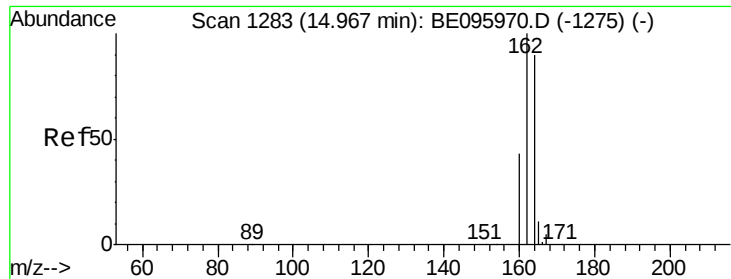
Tgt Ion: 152 Resp: 1642

Ion Ratio Lower Upper

152 100

151 20.3 15.4 23.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.94 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BE096275.D

Acq: 2 May 2018 1:58

Instrument :

BNA_E

ClientSampled :

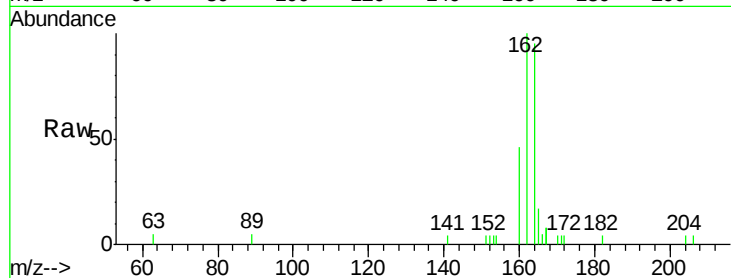
Tot Ion:164 Resp: 1706

Ion Ratio Lower Upper

164 100

162 104.8 83.1 124.7

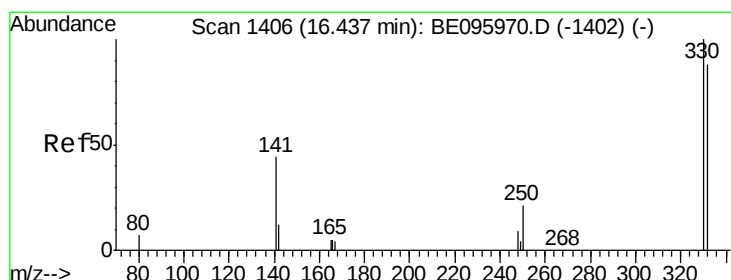
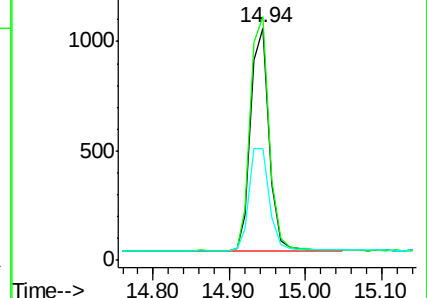
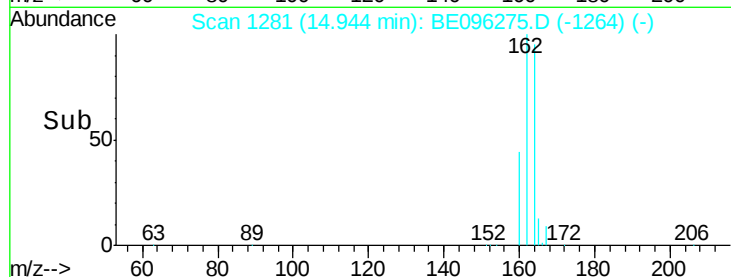
160 48.4 37.1 55.7



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: 0.339 ng

RT: 16.41 min Scan# 1404

Delta R.T. 0.00 min

Lab File: BE096275.D

Acq: 2 May 2018 1:58

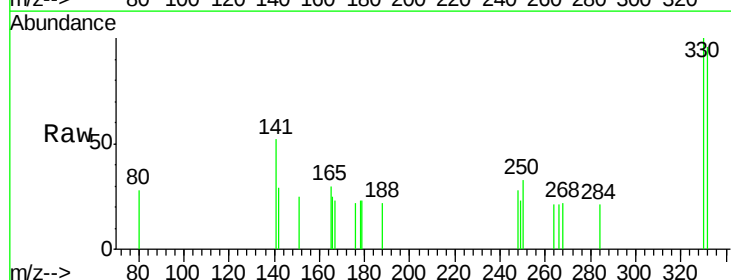
Tgt Ion:330 Resp: 279

Ion Ratio Lower Upper

330 100

332 90.3 152.7 229.1#

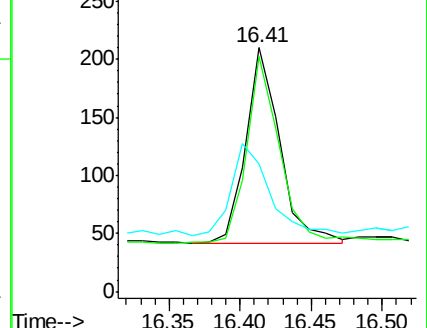
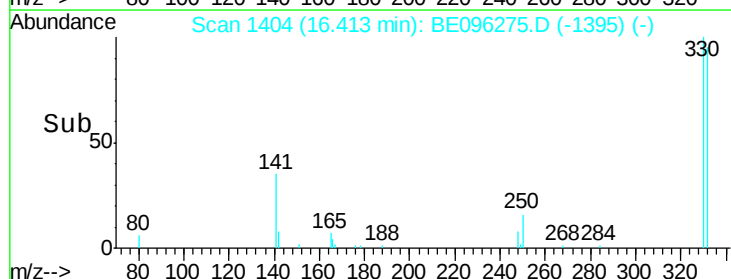
141 53.8 33.7 50.5#

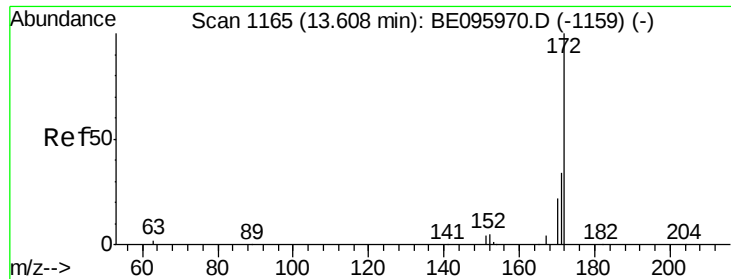


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

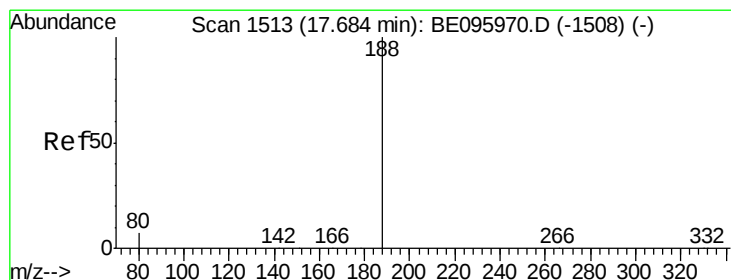
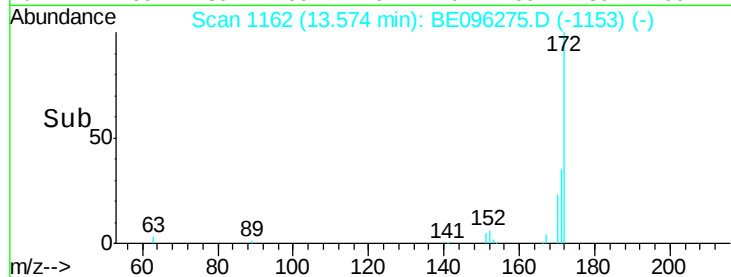
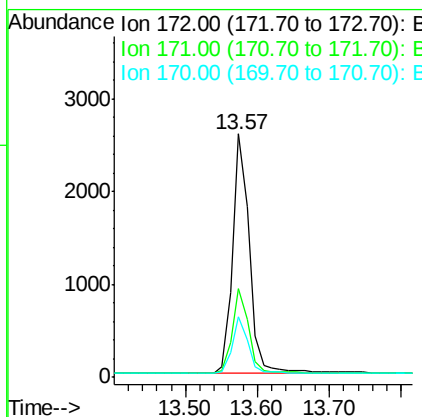
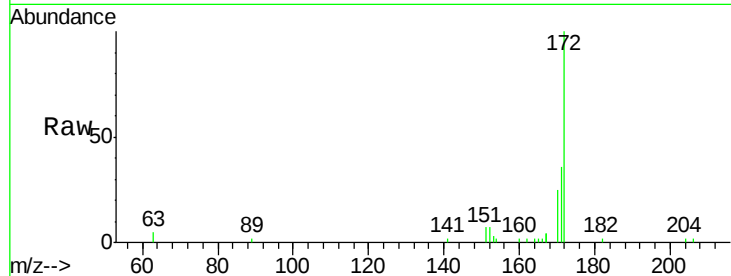




#15
2-Fluorobiphenyl
Concen: 0.571 ng
RT: 13.57 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BE096275.D
Acq: 2 May 2018 1:58

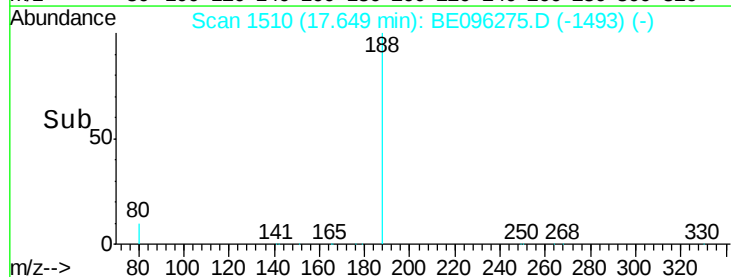
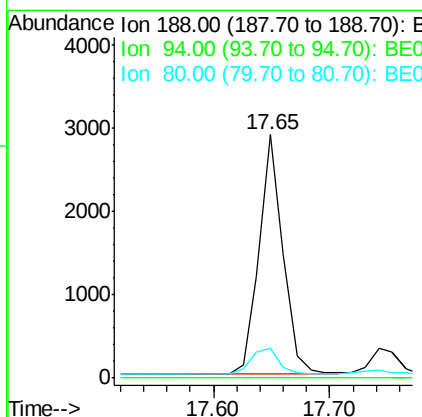
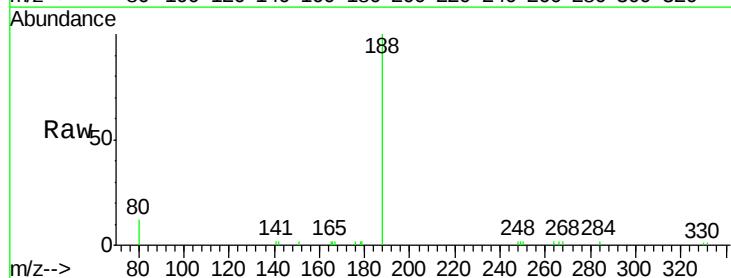
Instrument :
BNA_E
ClientSampleId :

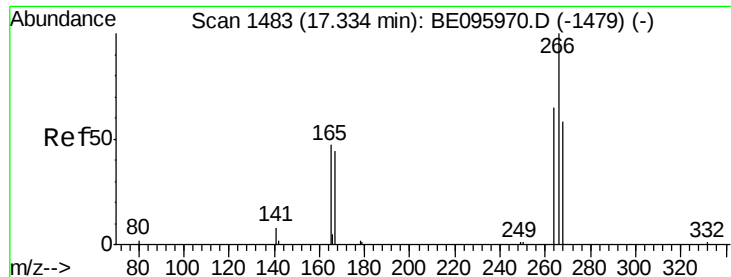
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.9	44.9
170	24.6	21.8	32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.65 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BE096275.D
Acq: 2 May 2018 1:58

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	12.0	3.6	5.4#



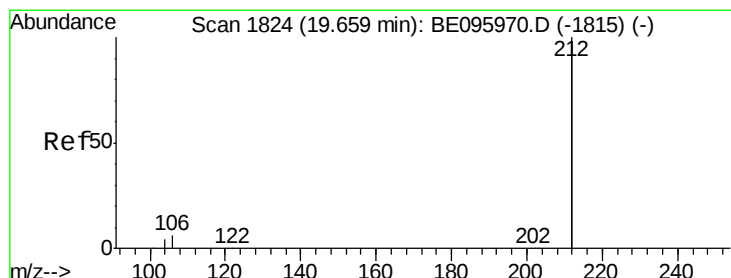
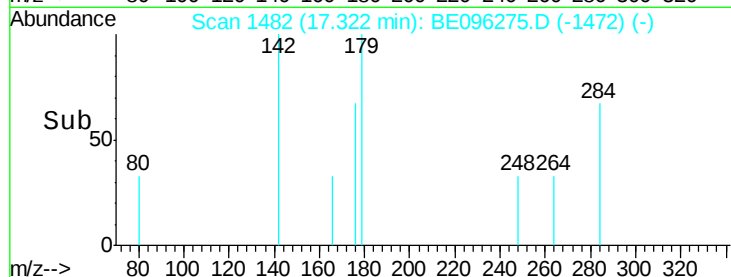
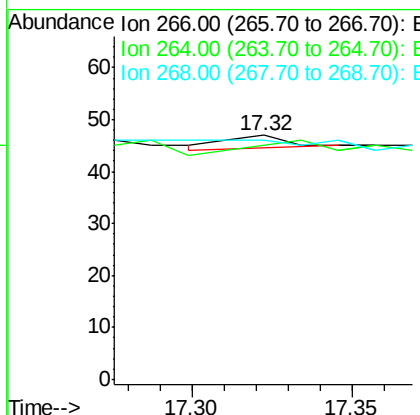
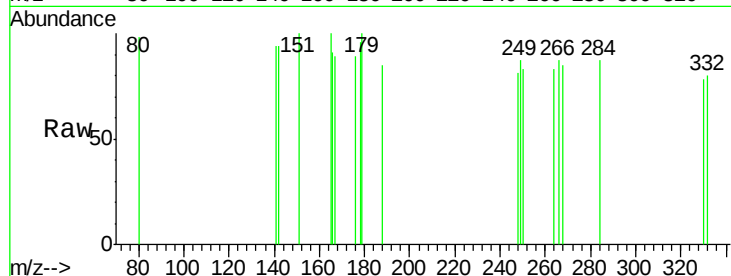


#22
 Pentachlorophenol
 Concen: 0.138 ng
 RT: 17.32 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: BE096275.D
 Acq: 2 May 2018 1:58

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:266 Resp: 3

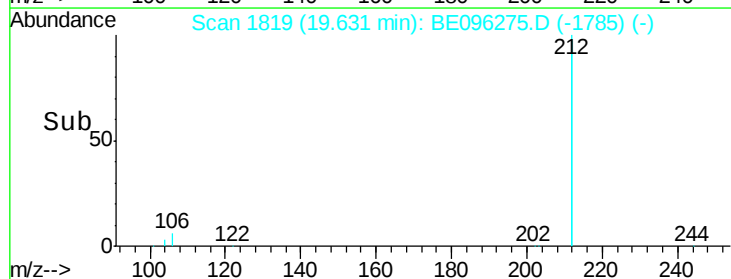
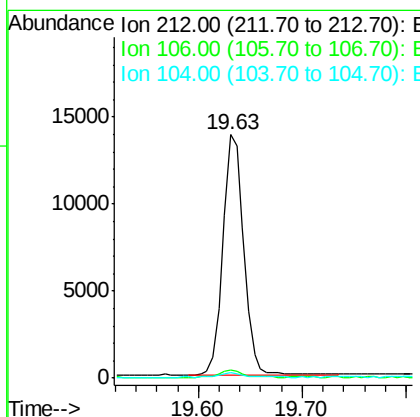
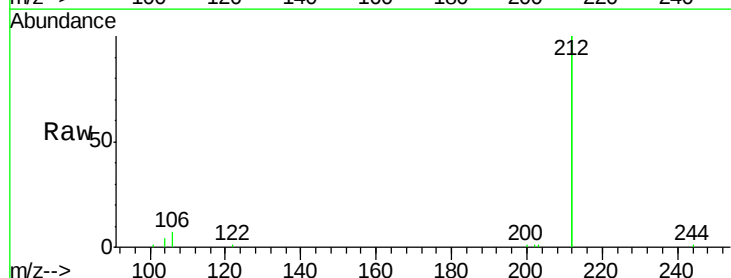
Ion	Ratio	Lower	Upper
266	100		
264	95.7	72.5	108.7
268	97.9	73.8	110.6

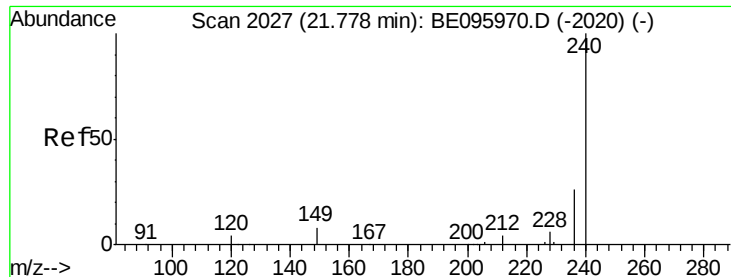


#25
 Fluoranthene-d10
 Concen: 0.340 ng
 RT: 19.63 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BE096275.D
 Acq: 2 May 2018 1:58

Tgt Ion:212 Resp: 19077

Ion	Ratio	Lower	Upper
212	100		
106	3.1	2.8	4.2
104	1.9	1.6	2.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.74 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BE096275.D

Acq: 2 May 2018 1:58

Instrument :

BNA_E

ClientSampleId :

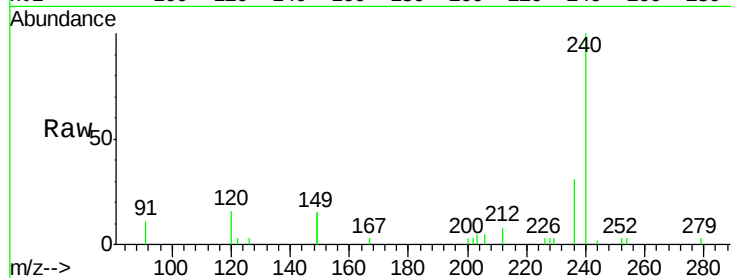
Tot Ion:240 Resp: 4161

Ion Ratio Lower Upper

240 100

120 15.8 5.5 8.3#

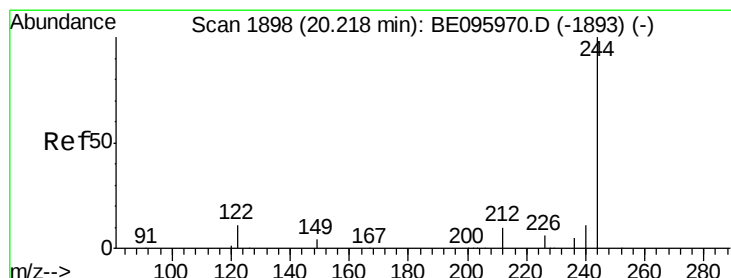
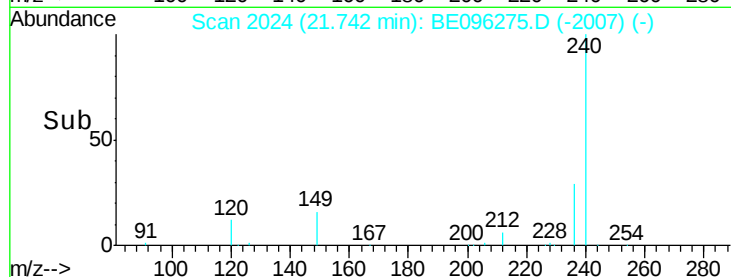
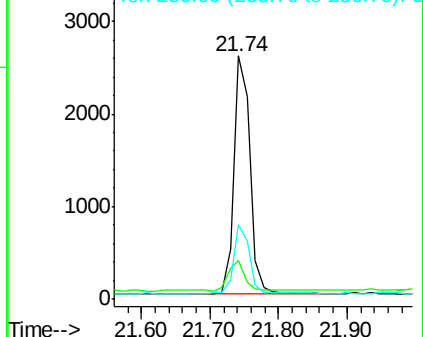
236 30.7 20.7 31.1



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: 0.619 ng

RT: 20.19 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BE096275.D

Acq: 2 May 2018 1:58

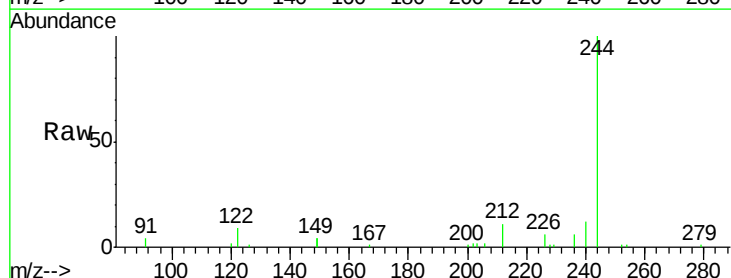
Tgt Ion:244 Resp: 5688

Ion Ratio Lower Upper

244 100

212 10.7 25.4 38.0#

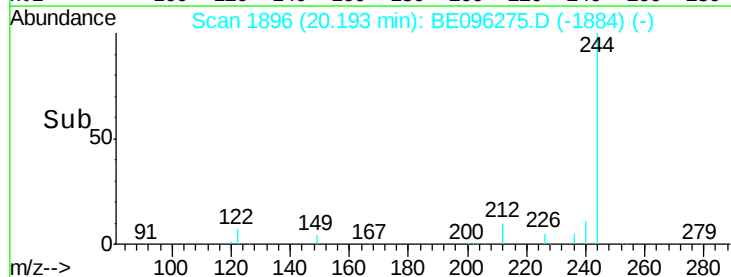
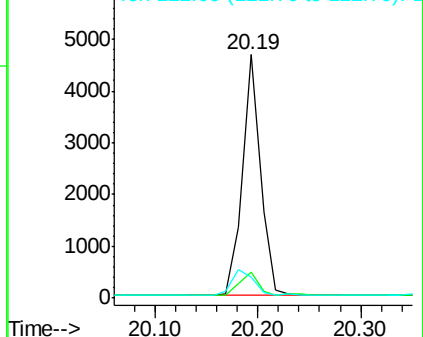
122 8.7 8.1 12.1

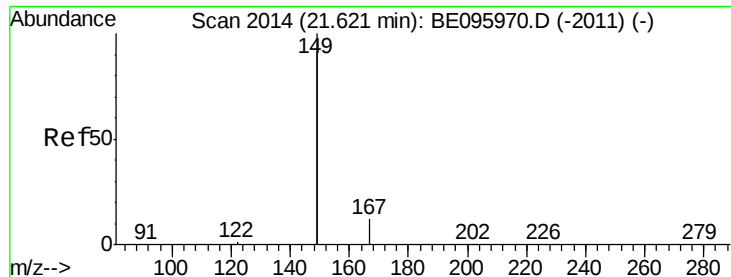


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

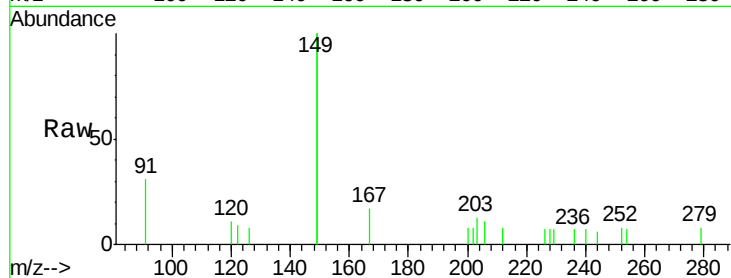




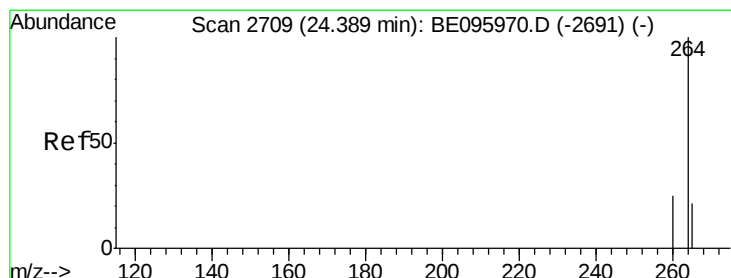
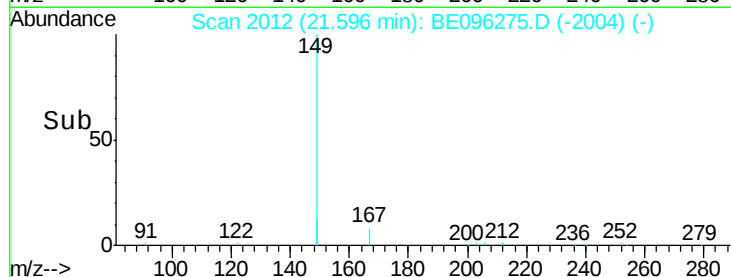
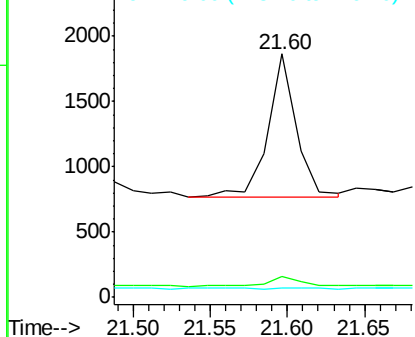
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.041 ng
 RT: 21.60 min Scan# 2012
 Delta R.T. -0.00 min
 Lab File: BE096275.D
 Acq: 2 May 2018 1:58

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:149 Resp: 1407
 Ion Ratio Lower Upper
 149 100
 167 8.0 5.4 8.0
 279 0.9 0.7 1.1

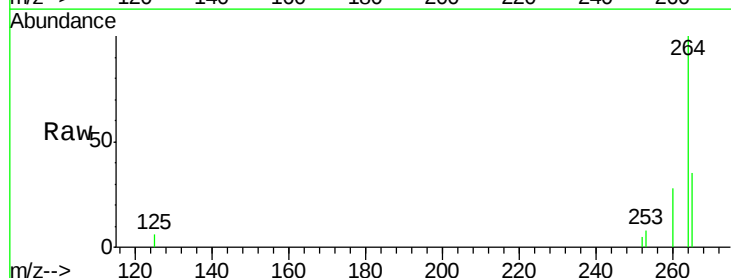


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.35 min Scan# 2698
 Delta R.T. -0.00 min
 Lab File: BE096275.D
 Acq: 2 May 2018 1:58

Tgt Ion:264 Resp: 3751
 Ion Ratio Lower Upper
 264 100
 260 28.0 20.5 30.7
 265 34.5 22.8 34.2#



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

