

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050118\
 Data File : BE096273.D
 Acq On : 2 May 2018 00:44
 Operator : SJ/JU
 Sample : J2600-23
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 02 02:01:06 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

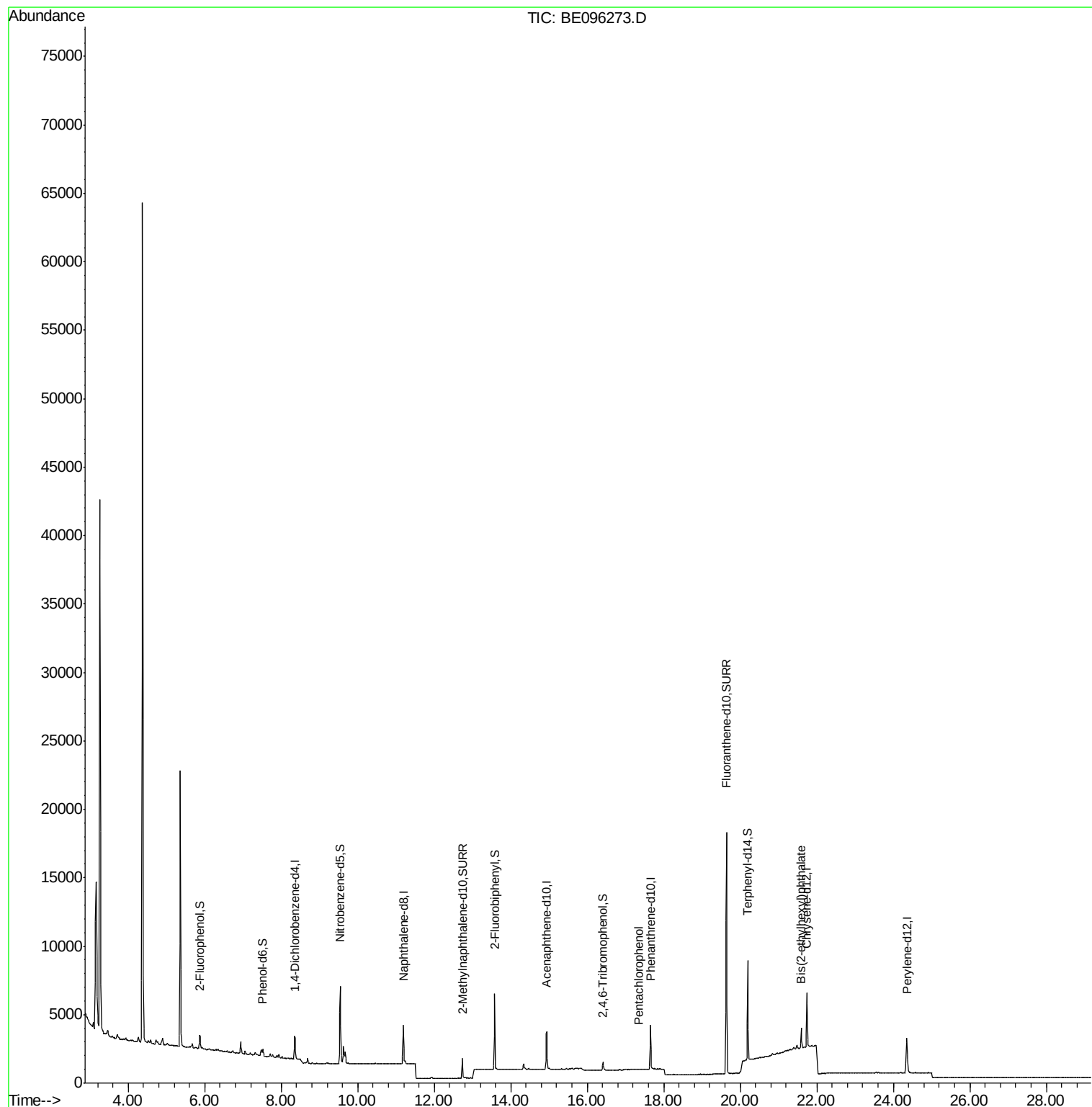
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	856	0.40	ng	0.00
7) Naphthalene-d8	11.19	136	3240	0.40	ng	0.00
13) Acenaphthene-d10	14.94	164	1733	0.40	ng	0.00
19) Phenanthrene-d10	17.65	188	4308	0.40	ng	0.00
27) Chrysene-d12	21.74	240	4314	0.40	ng	0.00
34) Perylene-d12	24.35	264	4235	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.88	112	522	0.20	ng	0.01
5) Phenol-d6	7.52	99	447	0.12	ng	0.01
8) Nitrobenzene-d5	9.54	82	2211	0.58	ng	0.00
11) 2-Methylnaphthalene-d10	12.74	152	2047	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.41	330	338	0.40	ng	0.00
15) 2-Fluorobiphenyl	13.57	172	4915	0.66	ng	0.00
25) Fluoranthene-d10	19.64	212	23679	0.40	ng	0.00
29) Terphenyl-d14	20.19	244	6302	0.66	ng	0.00
Target Compounds						
22) Pentachlorophenol	17.33	266	3	0.138	ng	Qvalue 94
32) Bis(2-ethylhexyl)phthalate	21.60	149	1816	0.051	ng	# 100

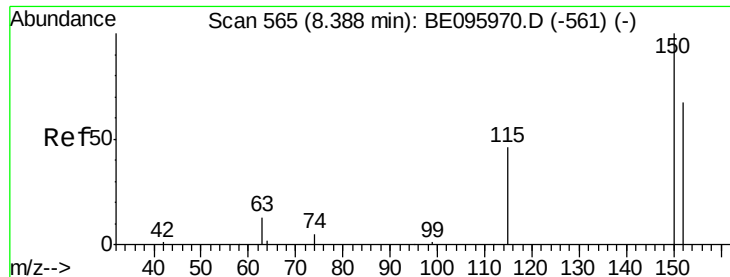
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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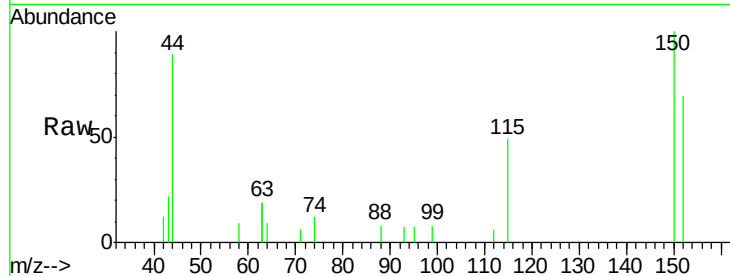


#1

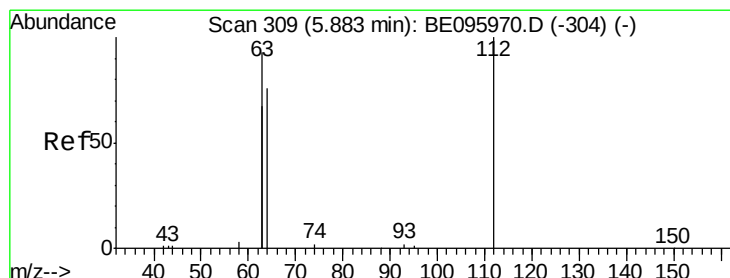
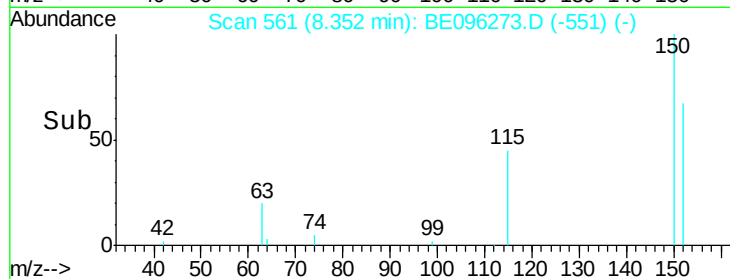
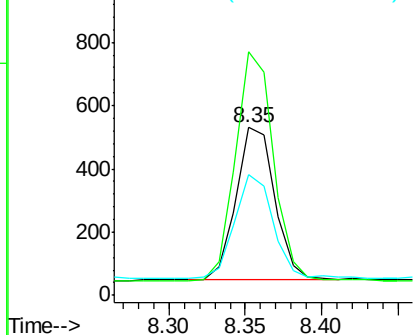
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.35 min Scan# 561
 Delta R.T. -0.01 min
 Lab File: BE096273.D
 Acq: 2 May 2018 00:44

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:152 Resp: 856
 Ion Ratio Lower Upper
 152 100
 150 145.0 117.2 175.8
 115 71.6 57.0 85.6



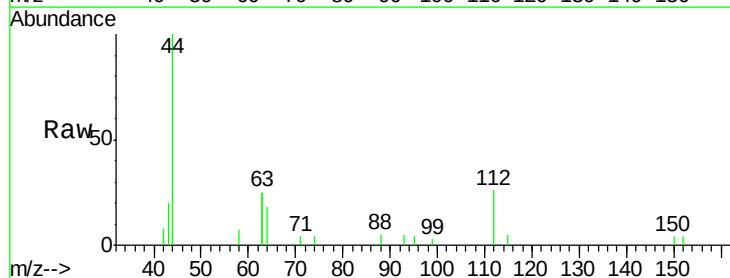
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



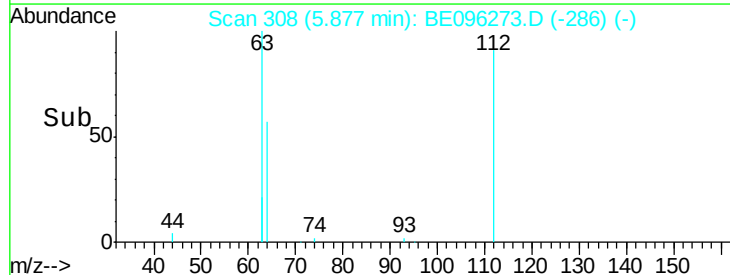
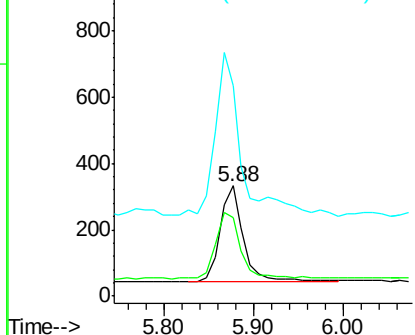
#4

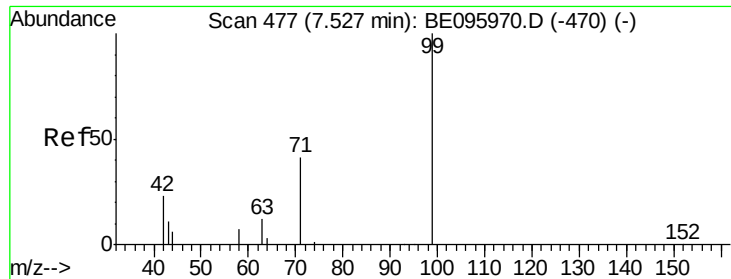
2-Fluorophenol
 Concen: 0.197 ng
 RT: 5.88 min Scan# 308
 Delta R.T. 0.01 min
 Lab File: BE096273.D
 Acq: 2 May 2018 00:44

Tgt Ion:112 Resp: 522
 Ion Ratio Lower Upper
 112 100
 64 76.1 60.1 90.1
 63 163.2 116.8 175.2



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: 0.122 ng

RT: 7.52 min Scan# 476

Delta R.T. 0.01 min

Lab File: BE096273.D

Acq: 2 May 2018 00:44

Instrument :

BNA_E

ClientSampleId :

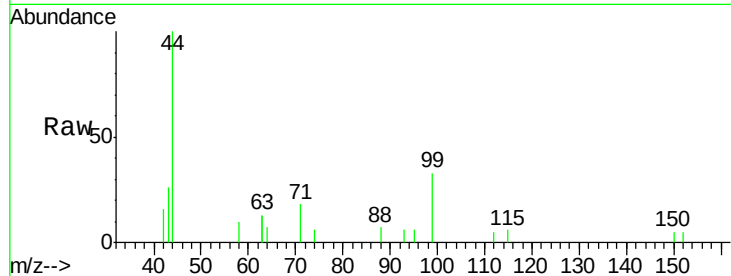
Tot Ion: 99 Resp: 447

Ion Ratio Lower Upper

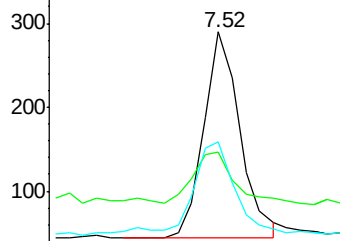
99 100

42 27.5 20.2 30.2

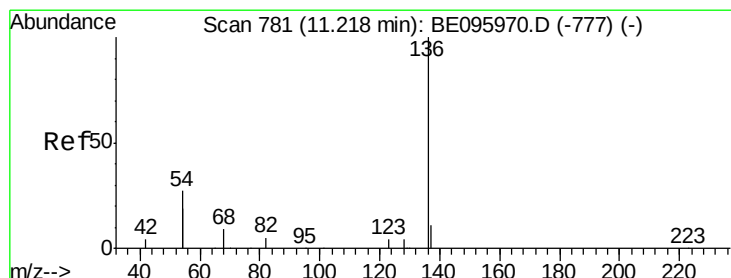
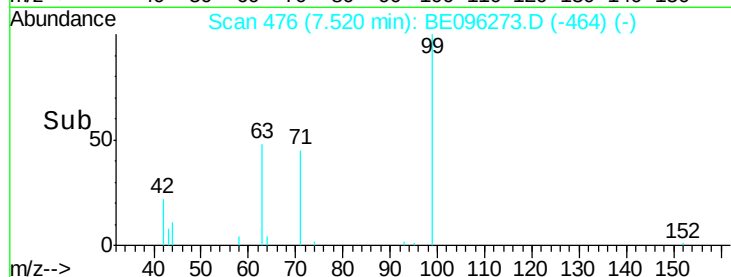
71 53.0 28.4 42.6#



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



Time--> 7.40 7.45 7.50 7.55



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.19 min Scan# 779

Delta R.T. -0.00 min

Lab File: BE096273.D

Acq: 2 May 2018 00:44

Tgt Ion: 136 Resp: 3240

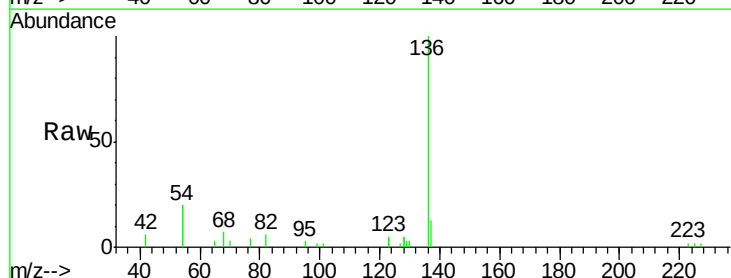
Ion Ratio Lower Upper

136 100

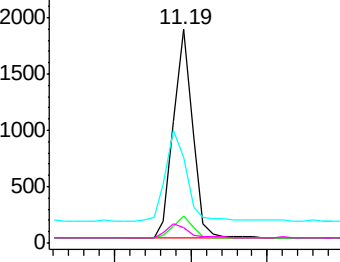
137 12.9 9.5 14.3

54 40.4 29.1 43.7

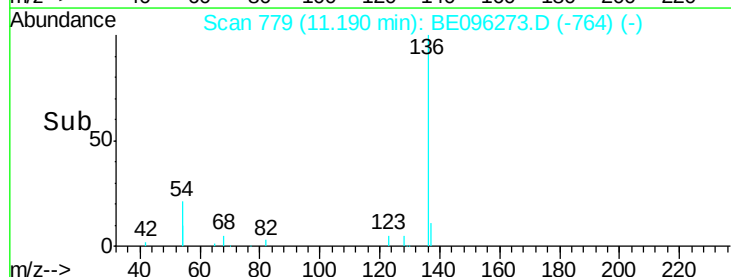
68 7.3 6.2 9.2

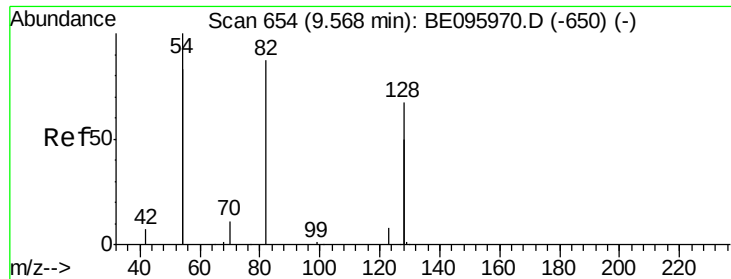


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BE0
Ion 68.00 (67.70 to 68.70): BE0



Time--> 11.10 11.20 11.30





#8

Nitrobenzene-d5

Concen: 0.582 ng

RT: 9.54 min Scan# 652

Delta R.T. -0.00 min

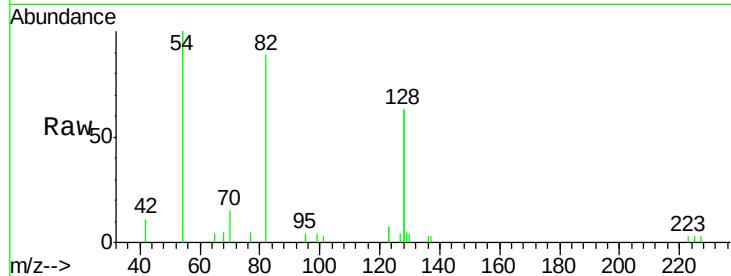
Lab File: BE096273.D

Acq: 2 May 2018 00:44

Instrument :

BNA_E

ClientSampleId :



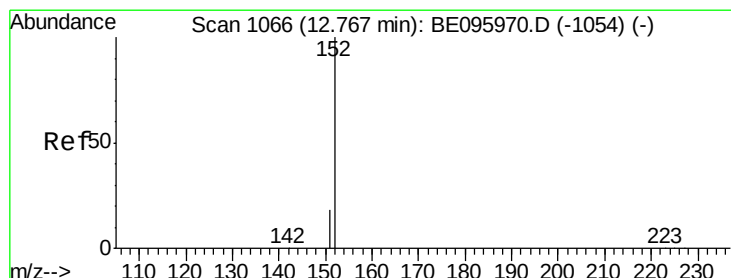
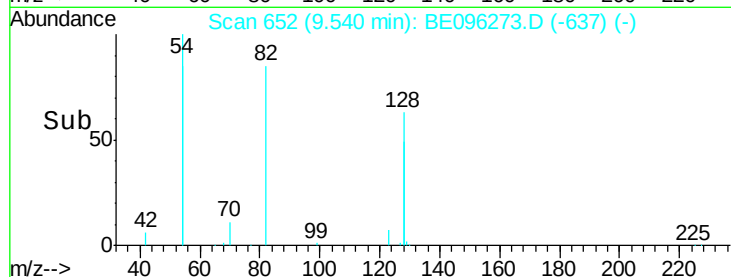
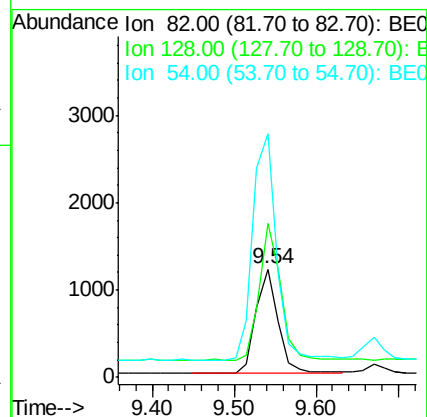
Tot Ion: 82 Resp: 2211

Ion Ratio Lower Upper

82 100

128 142.5 150.0 225.0#

54 225.0 154.2 231.4



#11

2-Methylnaphthalene-d10

Concen: 0.399 ng

RT: 12.74 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BE096273.D

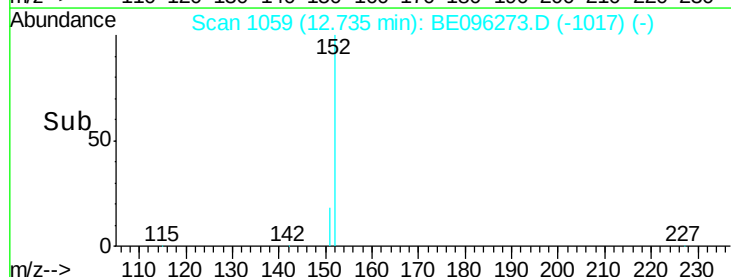
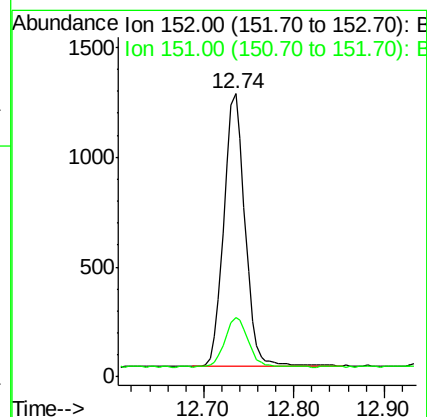
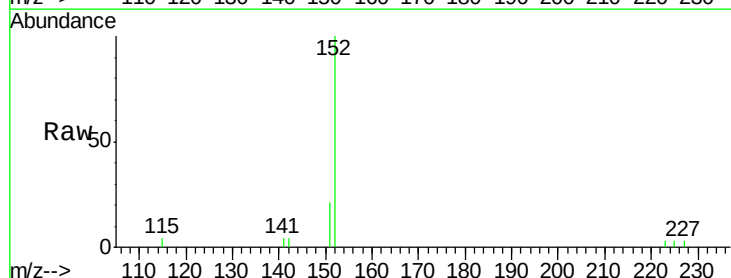
Acq: 2 May 2018 00:44

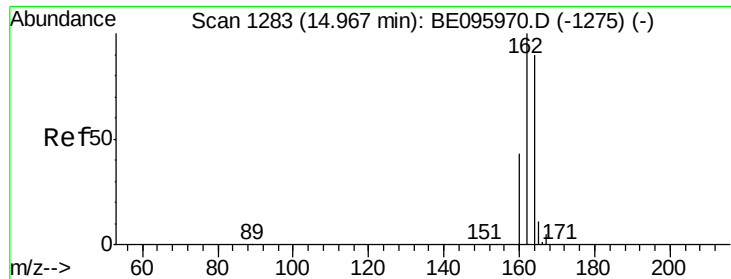
Tgt Ion: 152 Resp: 2047

Ion Ratio Lower Upper

152 100

151 19.1 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: BE096273.D

Acq: 2 May 2018 00:44

Instrument :

BNA_E

ClientSampleId :

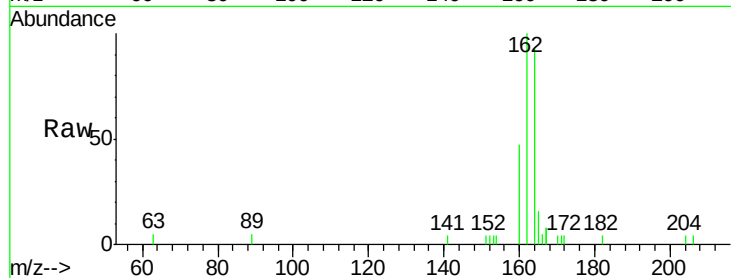
Tot Ion:164 Resp: 1733

Ion Ratio Lower Upper

164 100

162 107.9 83.1 124.7

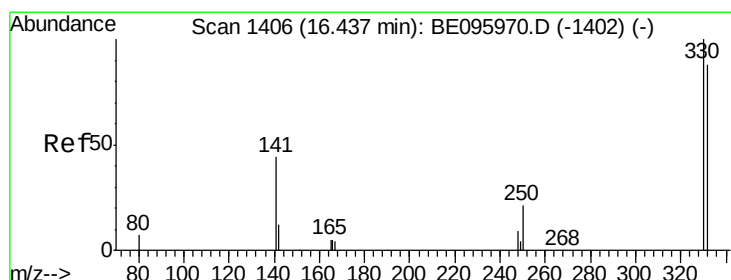
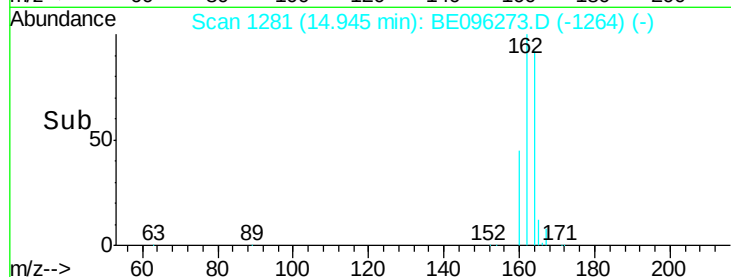
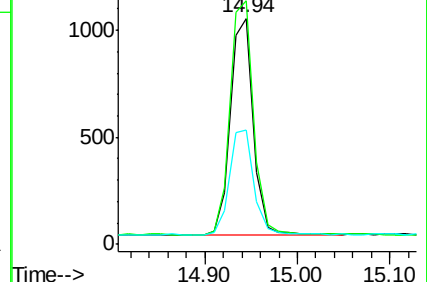
160 50.9 37.1 55.7



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: 0.404 ng

RT: 16.41 min Scan# 1404

Delta R.T. 0.00 min

Lab File: BE096273.D

Acq: 2 May 2018 00:44

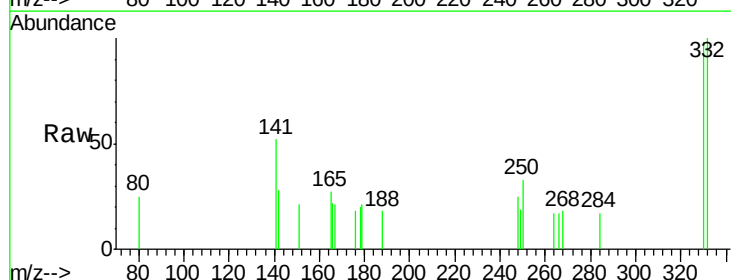
Tgt Ion:330 Resp: 338

Ion Ratio Lower Upper

330 100

332 97.9 152.7 229.1#

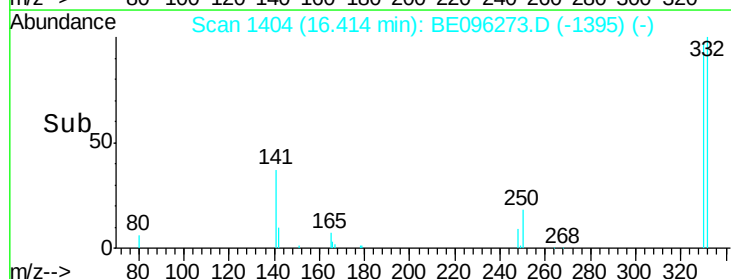
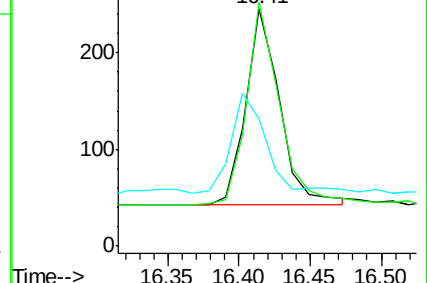
141 52.1 33.7 50.5#

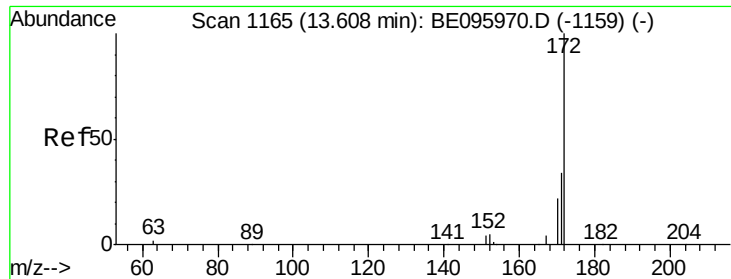


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

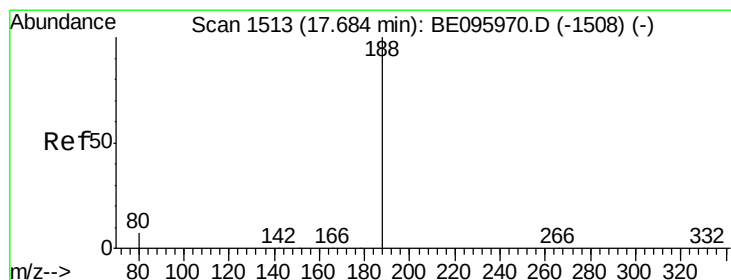
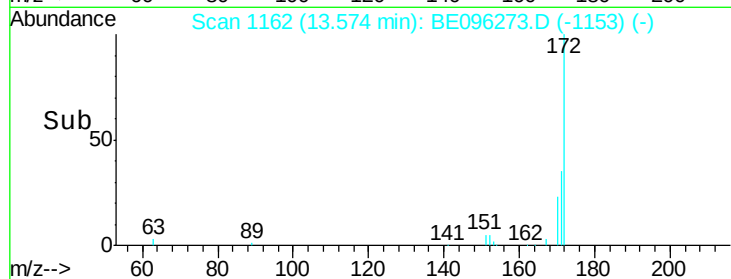
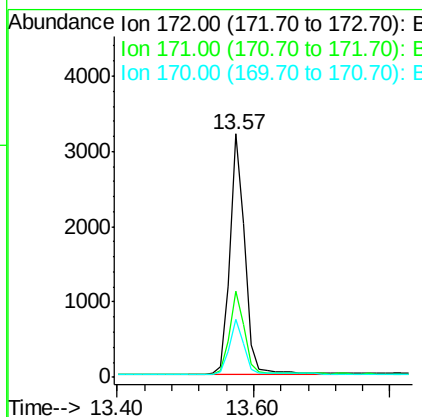
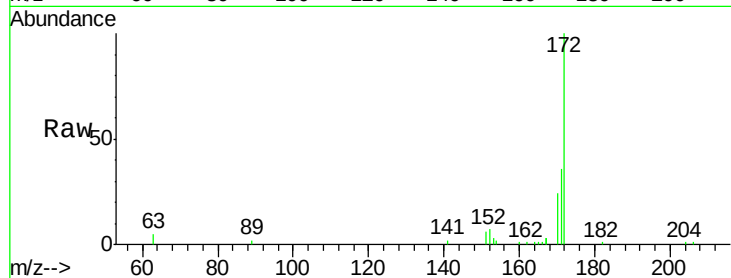




#15
2-Fluorobiphenyl
Concen: 0.663 ng
RT: 13.57 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BE096273.D
Acq: 2 May 2018 00:44

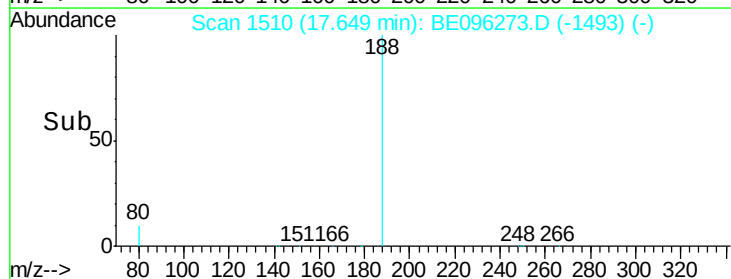
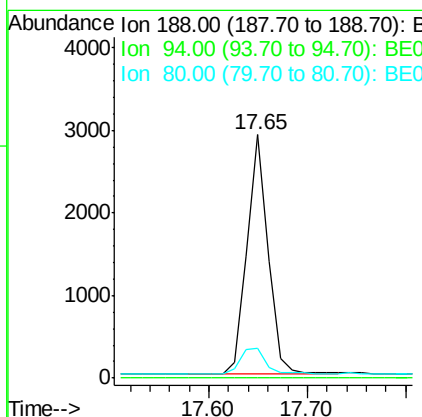
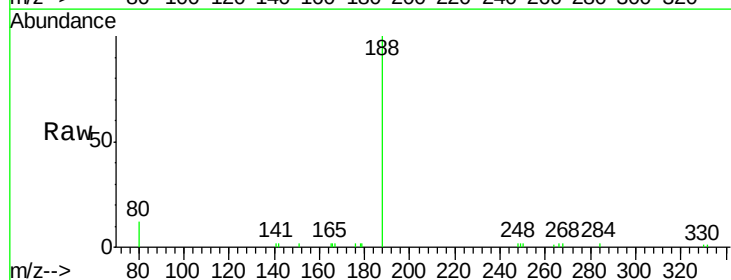
Instrument :
BNA_E
ClientSampleId :

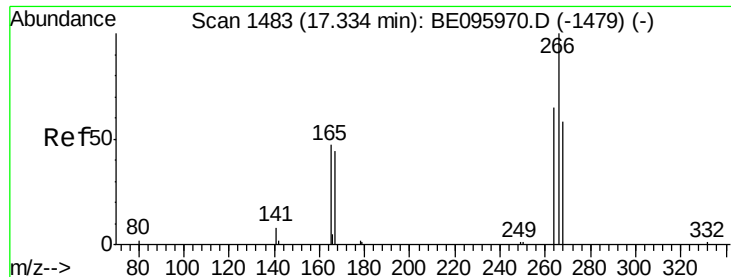
Tot Ion:172 Resp: 4915
Ion Ratio Lower Upper
172 100
171 35.5 29.9 44.9
170 23.7 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.65 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BE096273.D
Acq: 2 May 2018 00:44

Tgt Ion:188 Resp: 4308
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 12.1 3.6 5.4#

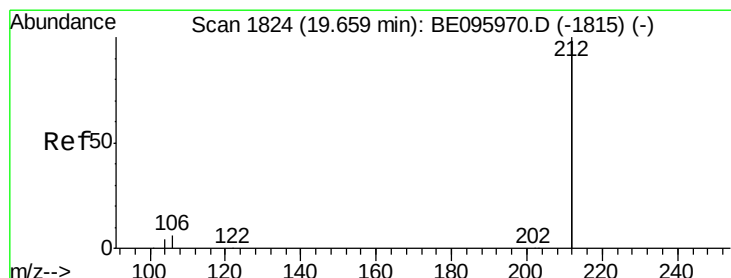
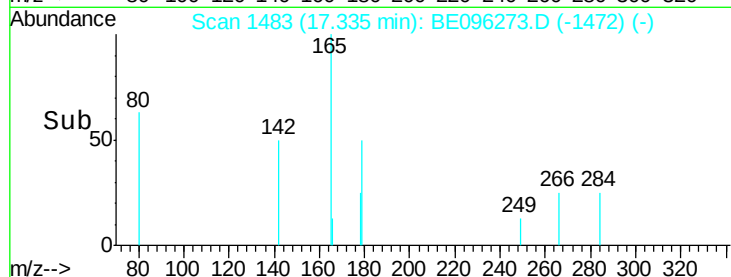
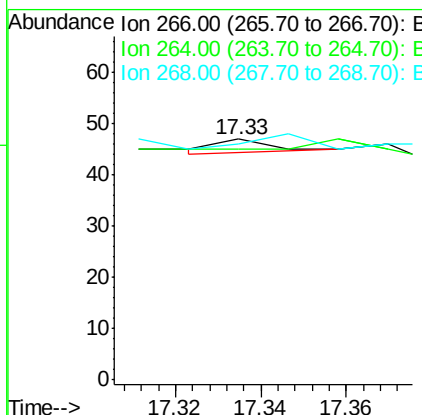
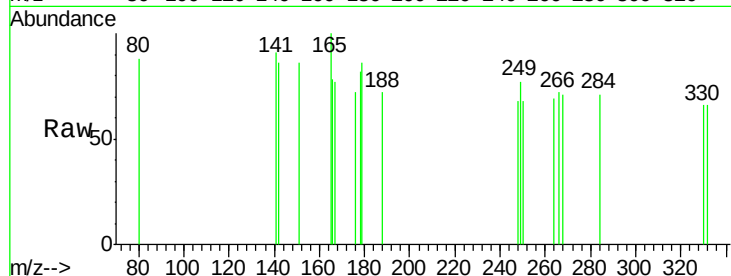




#22
 Pentachlorophenol
 Concen: 0.138 ng
 RT: 17.33 min Scan# 1483
 Delta R.T. 0.02 min
 Lab File: BE096273.D
 Acq: 2 May 2018 00:44

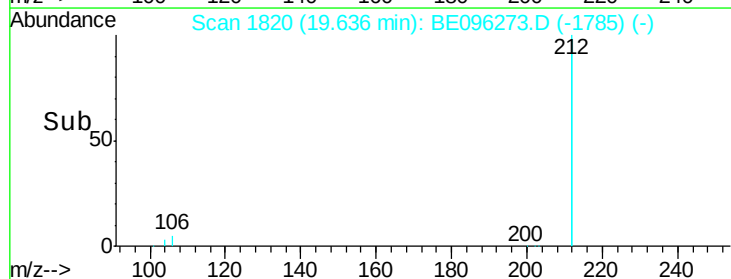
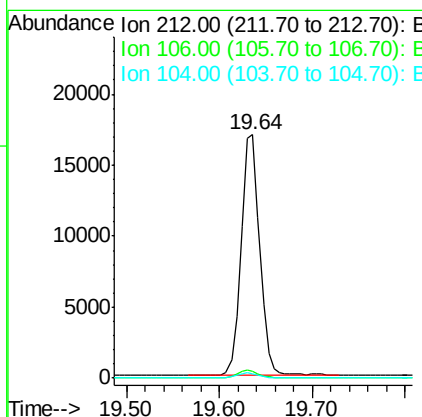
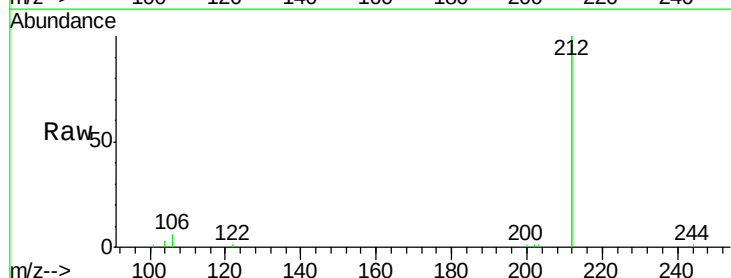
Instrument :
 BNA_E
 ClientSampled :

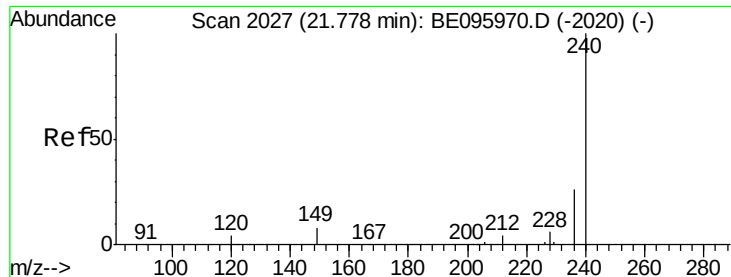
Tot Ion:266 Resp: 3
 Ion Ratio Lower Upper
 266 100
 264 95.7 72.5 108.7
 268 97.9 73.8 110.6



#25
 Fluoranthene-d10
 Concen: 0.405 ng
 RT: 19.64 min Scan# 1820
 Delta R.T. -0.00 min
 Lab File: BE096273.D
 Acq: 2 May 2018 00:44

Tgt Ion:212 Resp: 23679
 Ion Ratio Lower Upper
 212 100
 106 3.0 2.8 4.2
 104 1.7 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: BE096273.D

Acq: 2 May 2018 00:44

Instrument :

BNA_E

ClientSampleId :

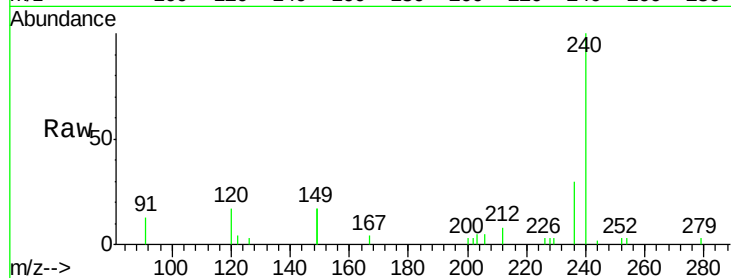
Tot Ion:240 Resp: 4314

Ion Ratio Lower Upper

240 100

120 16.6 5.5 8.3#

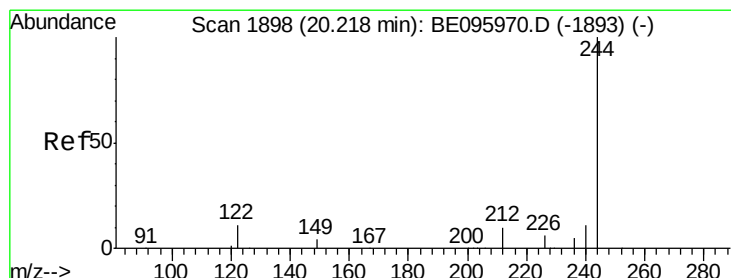
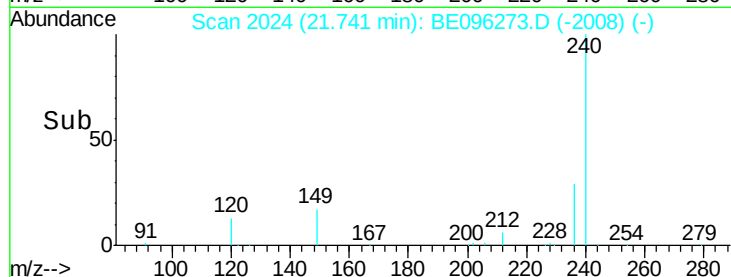
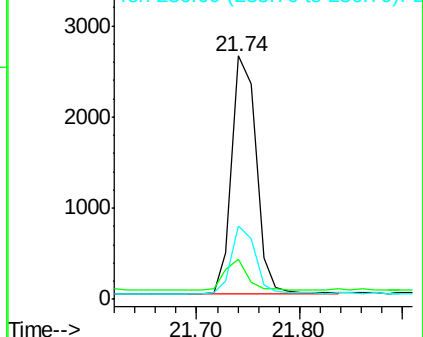
236 30.3 20.7 31.1



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: 0.661 ng

RT: 20.19 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BE096273.D

Acq: 2 May 2018 00:44

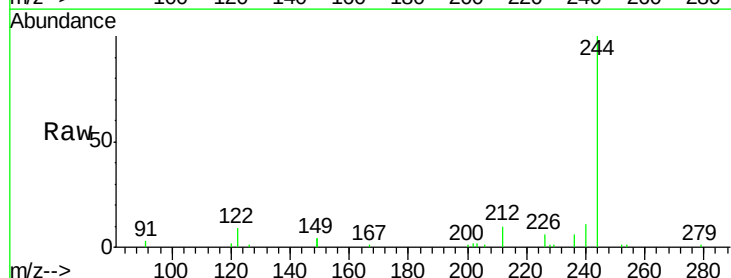
Tgt Ion:244 Resp: 6302

Ion Ratio Lower Upper

244 100

212 9.9 25.4 38.0#

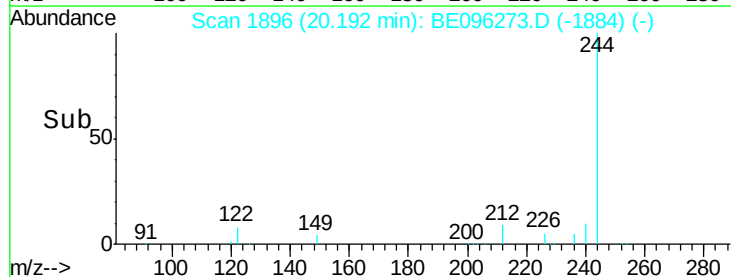
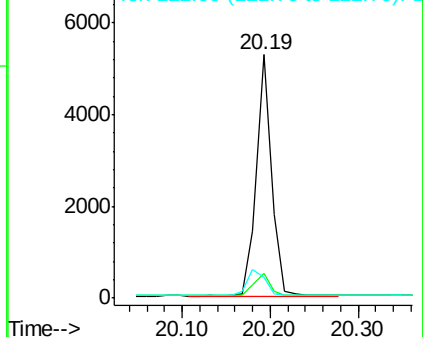
122 8.7 8.1 12.1

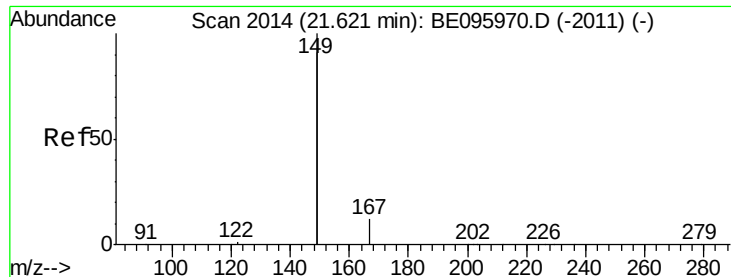


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.051 ng

RT: 21.60 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BE096273.D

Acq: 2 May 2018 00:44

Instrument :

BNA_E

ClientSampled :

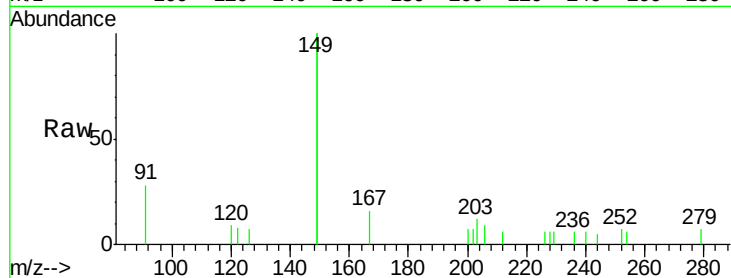
Tot Ion:149 Resp: 1816

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

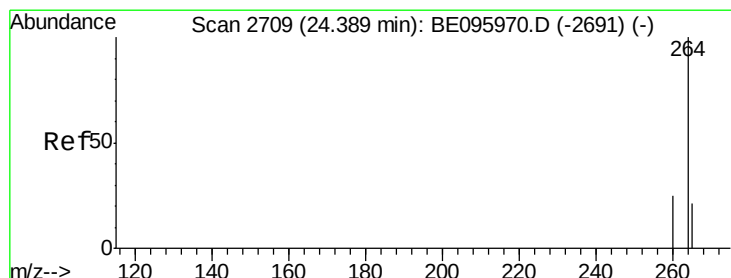
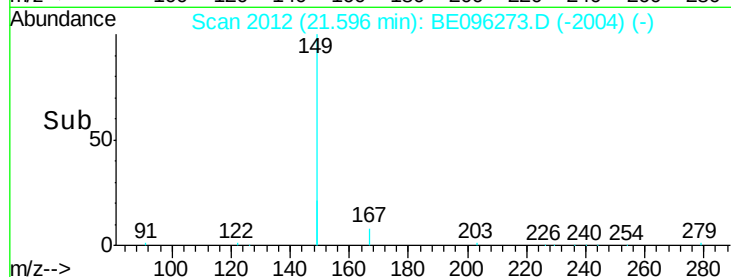
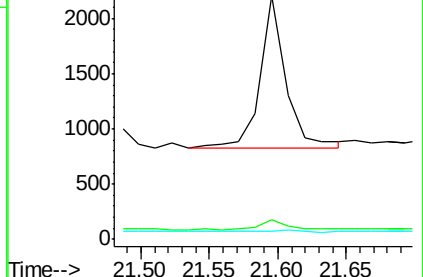
279 1.6 0.7 1.1#



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: BE096273.D

Acq: 2 May 2018 00:44

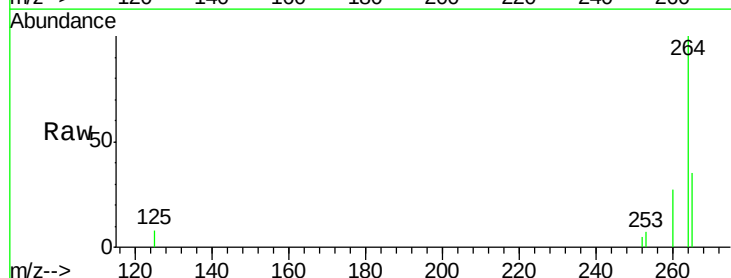
Tgt Ion:264 Resp: 4235

Ion Ratio Lower Upper

264 100

260 27.0 20.5 30.7

265 35.4 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

