

Data Path : Z:\HPCHEM1\BNA E\DATA\BE043018\
 Data File : BE096228.D
 Acq On : 30 Apr 2018 18:59
 Operator : SJ/JU
 Sample : J2464-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DUP-0445-180417

Quant Time: May 01 05:03:04 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

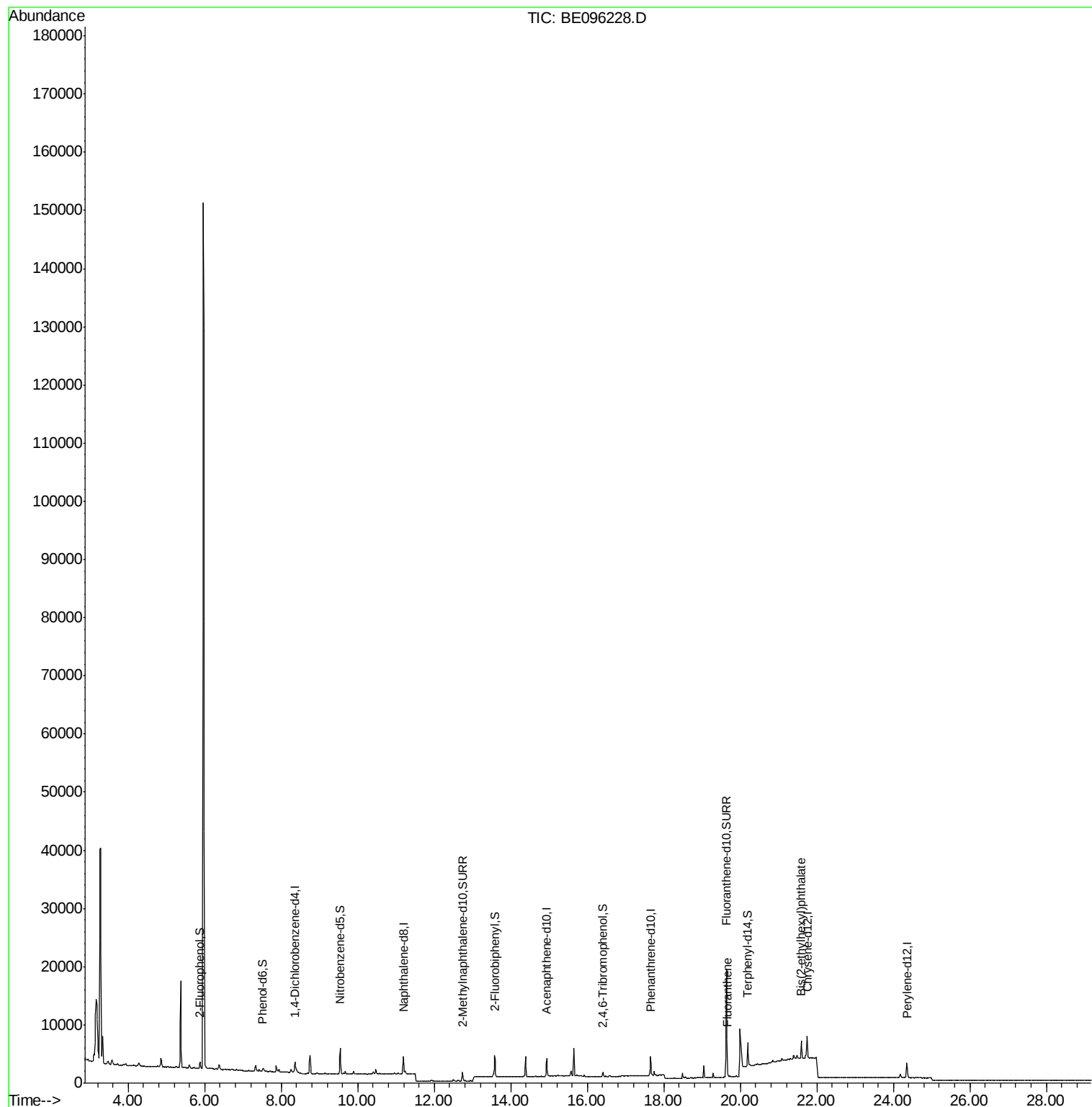
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	859	0.40	ng	0.00
7) Naphthalene-d8	11.19	136	3246	0.40	ng	0.00
13) Acenaphthene-d10	14.94	164	1859	0.40	ng	0.00
19) Phenanthrene-d10	17.65	188	4161	0.40	ng	0.00
27) Chrysene-d12	21.75	240	4131	0.40	ng	0.01
34) Perylene-d12	24.35	264	3876	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.87	112	497	0.19	ng	0.01
5) Phenol-d6	7.52	99	451	0.12	ng	0.01
8) Nitrobenzene-d5	9.54	82	1635	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	12.73	152	2084	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.41	330	385	0.43	ng	0.00
15) 2-Fluorobiphenyl	13.57	172	3172	0.40	ng	0.00
25) Fluoranthene-d10	19.64	212	22967	0.41	ng	0.00
29) Terphenyl-d14	20.19	244	3637	0.40	ng	0.00
Target Compounds						
26) Fluoranthene	19.67	202	540	0.035	ng	# 94
32) Bis(2-ethylhexyl)phthalate	21.60	149	3815	0.112	ng	# 99

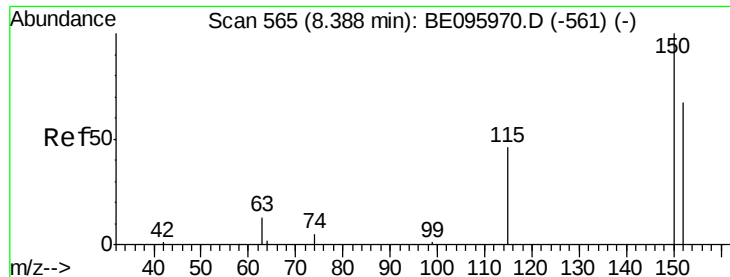
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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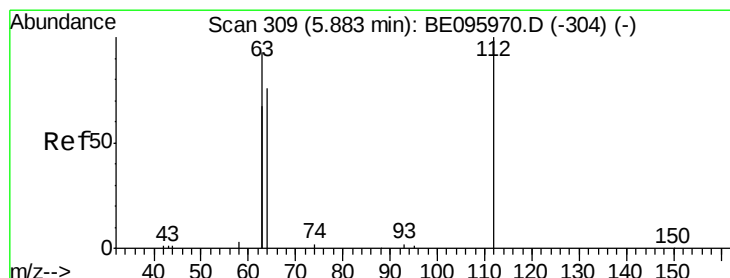
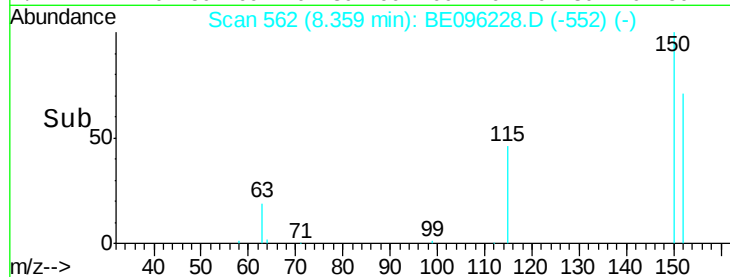
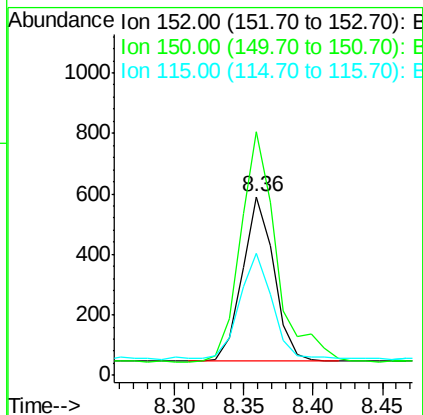
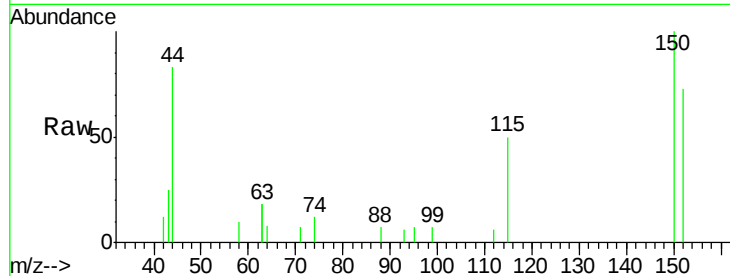


#1

1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.36 min Scan# 562
 Delta R.T. 0.00 min
 Lab File: BE096228.D
 Acq: 30 Apr 2018 18:59

Instrument :
 BNA_E
 ClientSampleId :
 DUP-0445-180417

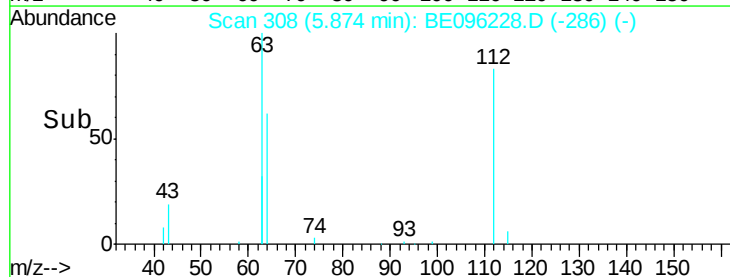
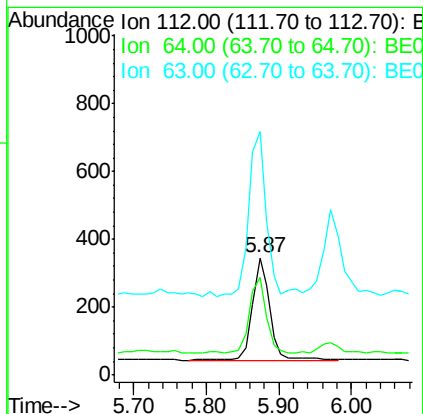
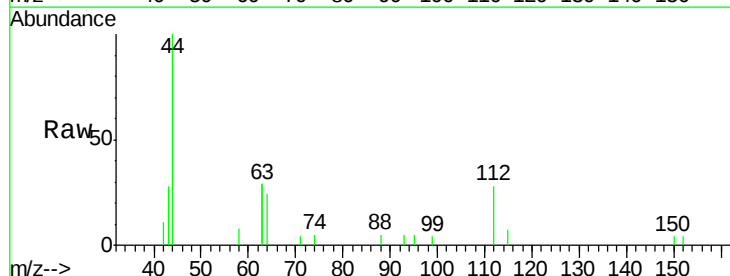
Tot Ion:152 Resp: 859
 Ion Ratio Lower Upper
 152 100
 150 136.2 117.2 175.8
 115 68.5 57.0 85.6

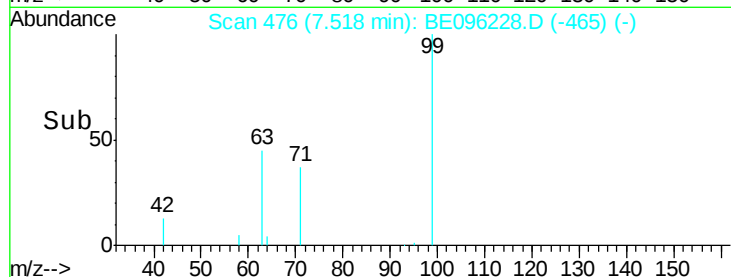
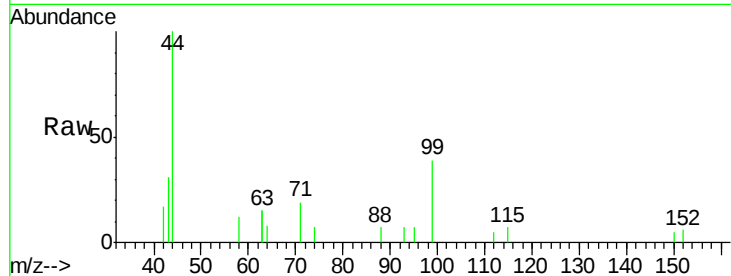
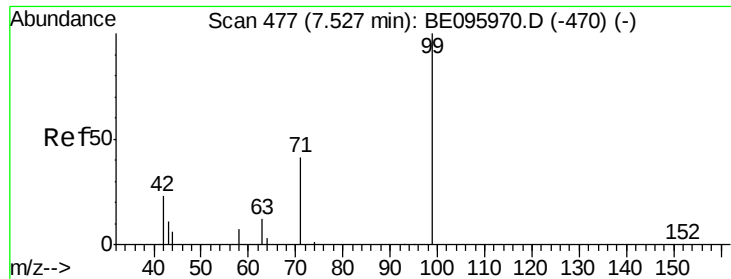


#4

2-Fluorophenol
 Concen: 0.187 ng
 RT: 5.87 min Scan# 308
 Delta R.T. 0.01 min
 Lab File: BE096228.D
 Acq: 30 Apr 2018 18:59

Tgt Ion:112 Resp: 497
 Ion Ratio Lower Upper
 112 100
 64 72.0 60.1 90.1
 63 164.6 116.8 175.2





#5

Phenol-d6

Concen: 0.123 ng

RT: 7.52 min Scan# 476

Delta R.T. 0.01 min

Lab File: BE096228.D

Acq: 30 Apr 2018 18:59

Instrument :

BNA_E

ClientSampleId :

DUP-0445-180417

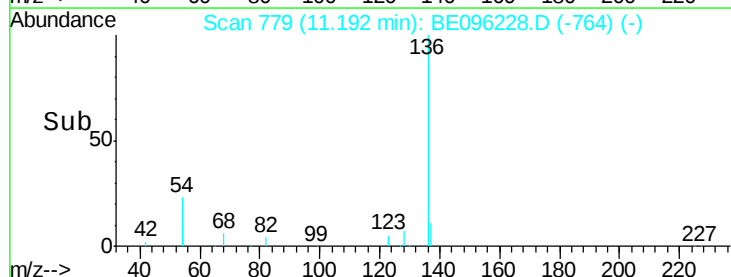
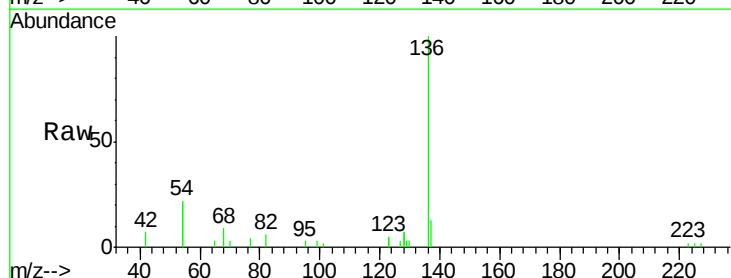
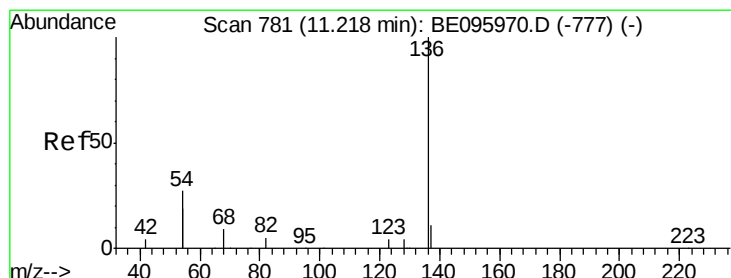
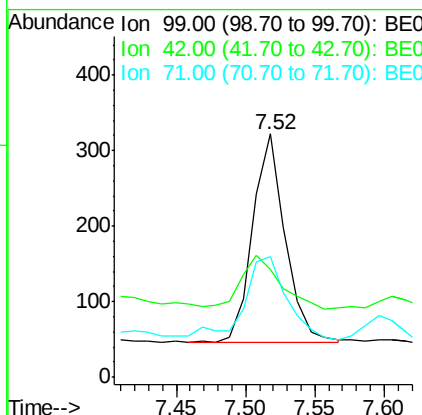
Tot Ion: 99 Resp: 451

Ion Ratio Lower Upper

99 100

42 30.8 20.2 30.2#

71 52.1 28.4 42.6#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.19 min Scan# 779

Delta R.T. 0.00 min

Lab File: BE096228.D

Acq: 30 Apr 2018 18:59

Tgt Ion: 136 Resp: 3246

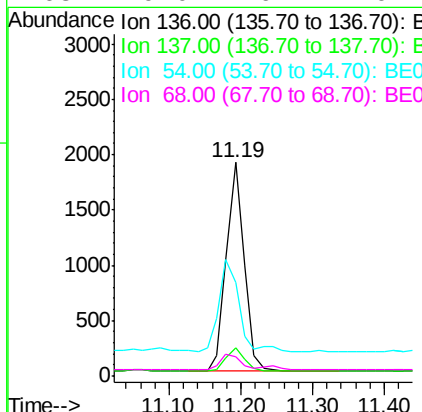
Ion Ratio Lower Upper

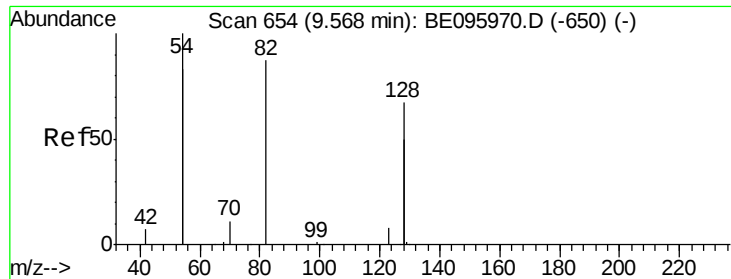
136 100

137 13.1 9.5 14.3

54 43.9 29.1 43.7#

68 9.0 6.2 9.2





#8

Nitrobenzene-d5

Concen: 0.429 ng

RT: 9.54 min Scan# 652

Delta R.T. 0.00 min

Lab File: BE096228.D

Acq: 30 Apr 2018 18:59

Instrument :

BNA_E

ClientSampleId :

DUP-0445-180417

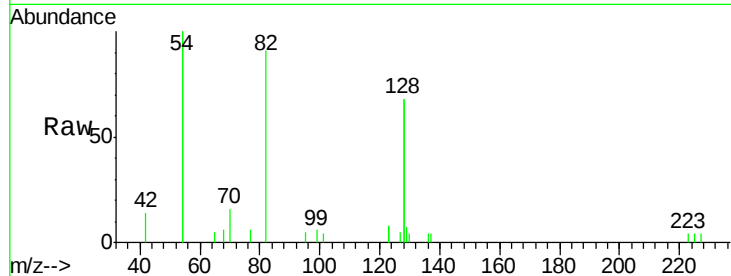
Tot Ion: 82 Resp: 1635

Ion Ratio Lower Upper

82 100

128 148.8 150.0 225.0#

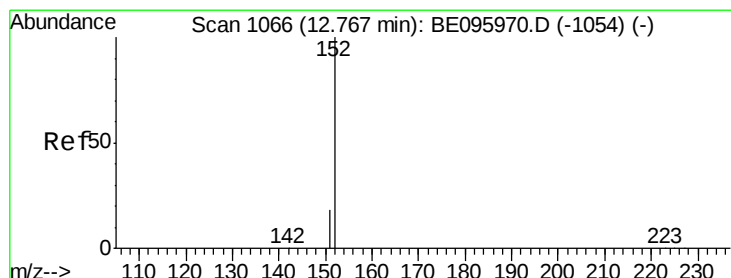
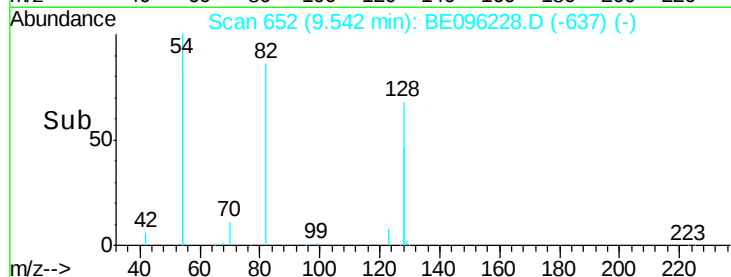
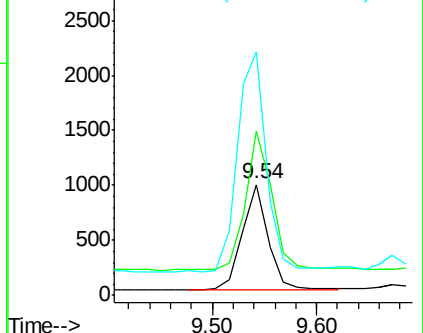
54 219.9 154.2 231.4



Abundance Ion 82.00 (81.70 to 82.70): BE095970.D (-650) (-)

Ion 128.00 (127.70 to 128.70): BE095970.D (-650) (-)

Ion 54.00 (53.70 to 54.70): BE095970.D (-650) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.405 ng

RT: 12.73 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BE096228.D

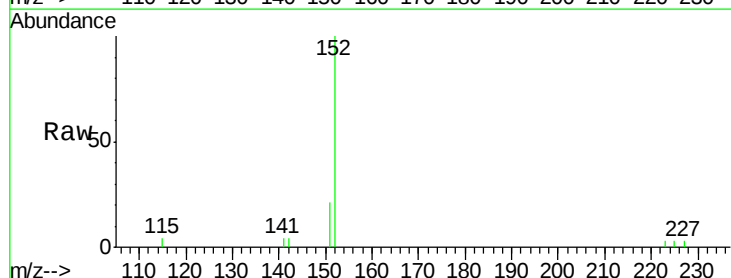
Acq: 30 Apr 2018 18:59

Tgt Ion: 152 Resp: 2084

Ion Ratio Lower Upper

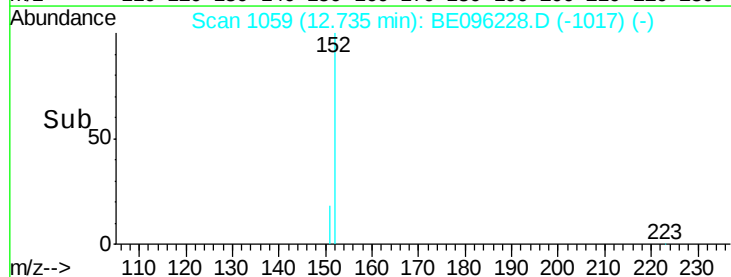
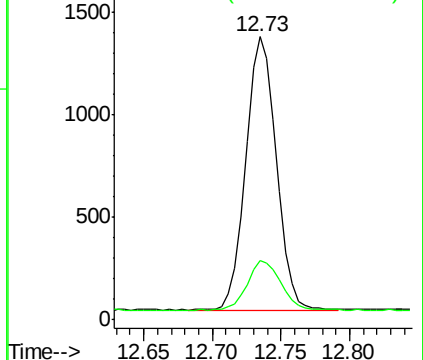
152 100

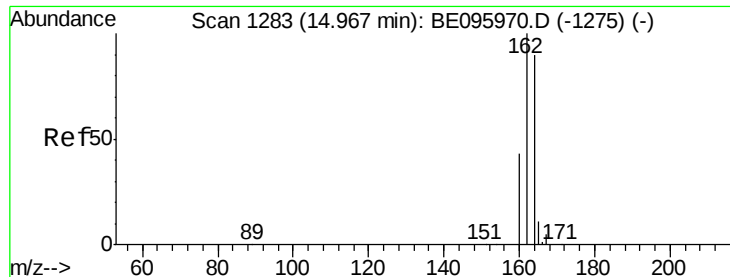
151 20.4 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): BE095970.D (-1054) (-)

Ion 151.00 (150.70 to 151.70): BE095970.D (-1054) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.94 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BE096228.D

Acq: 30 Apr 2018 18:59

Instrument :

BNA_E

ClientSampleId :

DUP-0445-180417

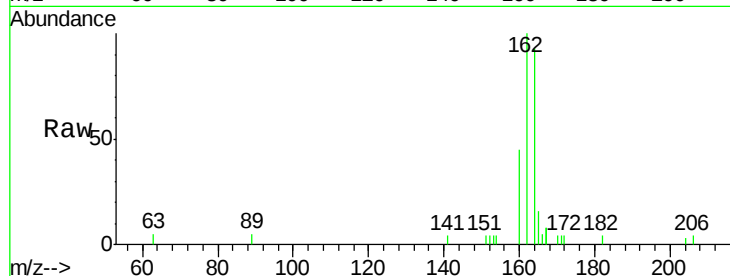
Tot Ion:164 Resp: 1859

Ion Ratio Lower Upper

164 100

162 108.0 83.1 124.7

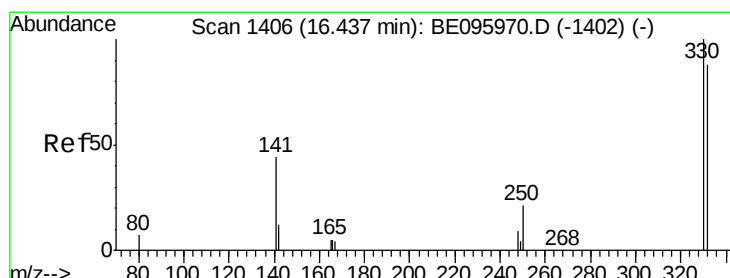
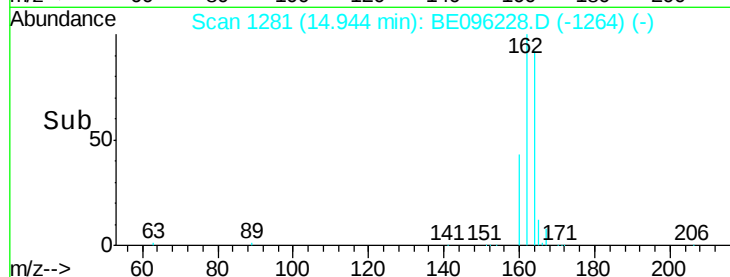
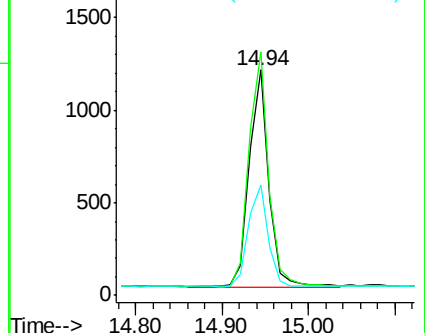
160 48.8 37.1 55.7



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: 0.429 ng

RT: 16.41 min Scan# 1404

Delta R.T. 0.00 min

Lab File: BE096228.D

Acq: 30 Apr 2018 18:59

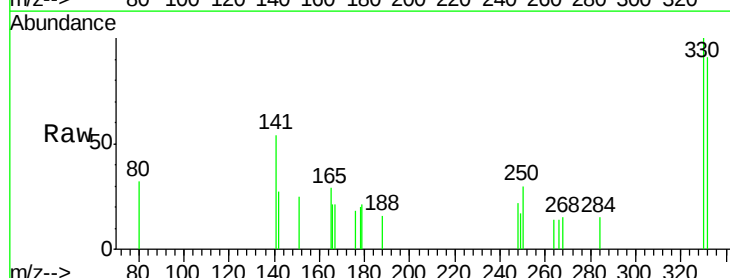
Tgt Ion:330 Resp: 385

Ion Ratio Lower Upper

330 100

332 97.9 152.7 229.1#

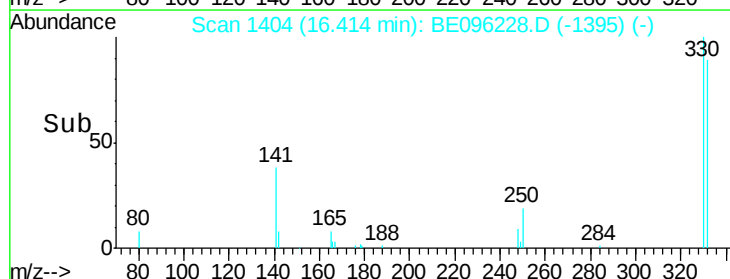
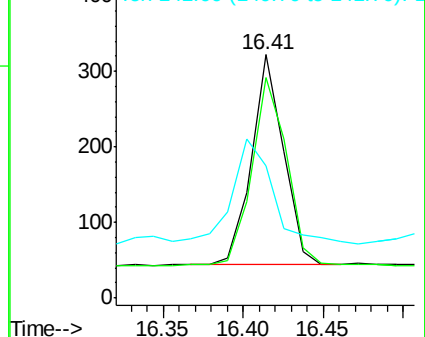
141 62.6 33.7 50.5#

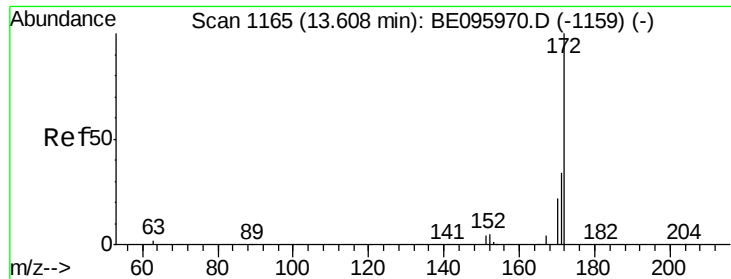


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

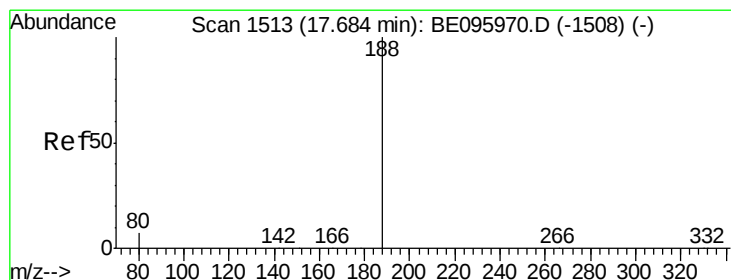
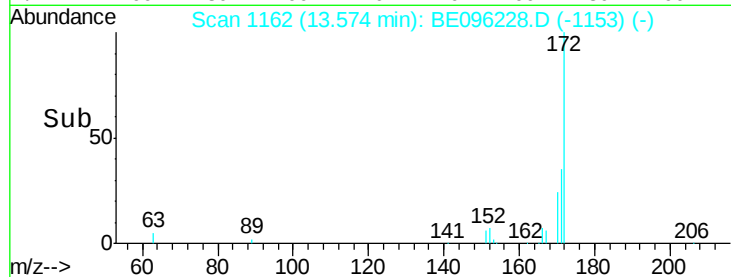
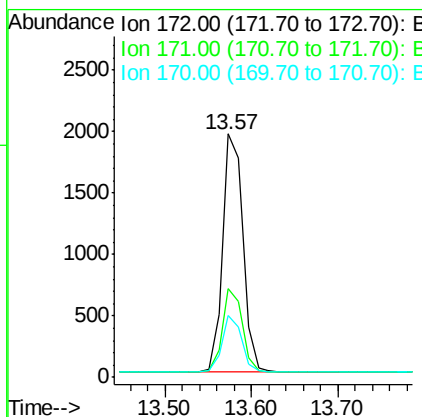
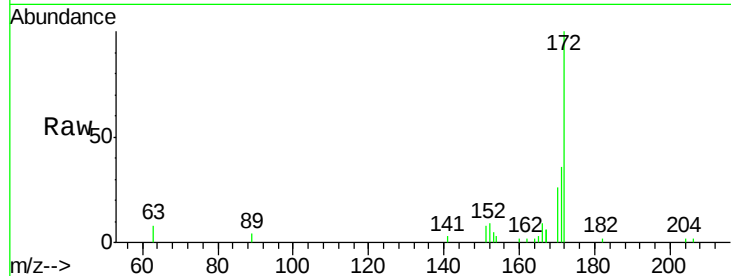




#15
2-Fluorobiphenyl
Concen: 0.399 ng
RT: 13.57 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BE096228.D
Acq: 30 Apr 2018 18:59

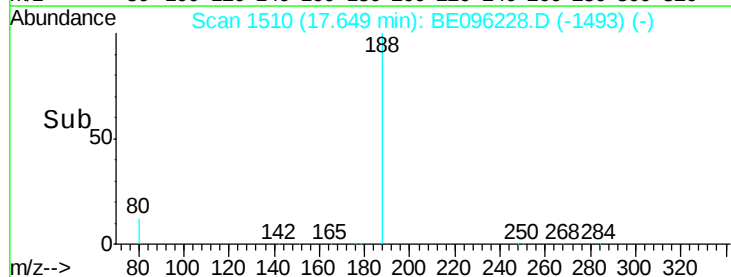
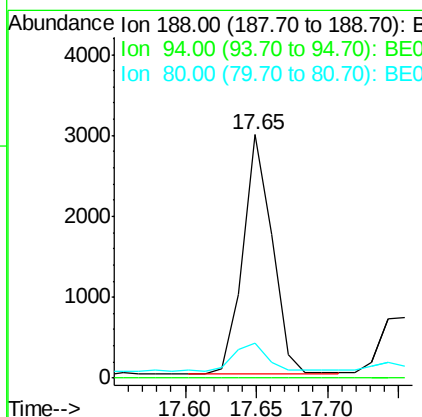
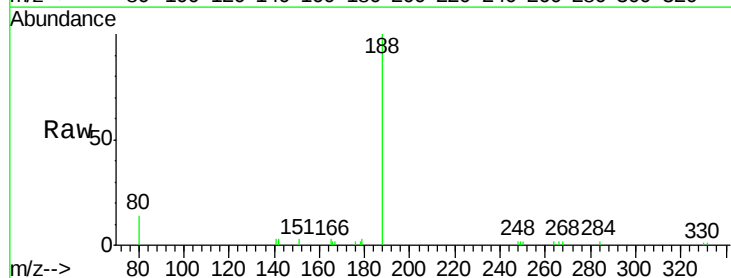
Instrument :
BNA_E
ClientSampleId :
DUP-0445-180417

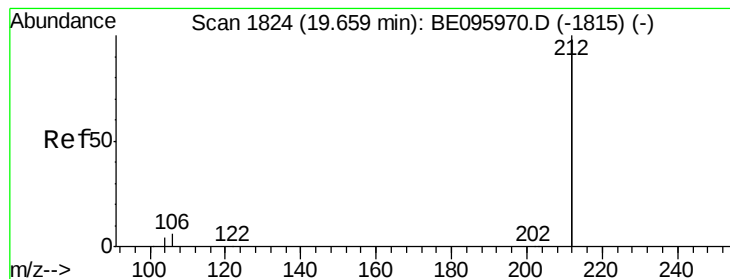
Tot Ion:172 Resp: 3172
Ion Ratio Lower Upper
172 100
171 36.4 29.9 44.9
170 25.6 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.65 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BE096228.D
Acq: 30 Apr 2018 18:59

Tgt Ion:188 Resp: 4161
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 14.5 3.6 5.4#





#25

Fluoranthene-d10

Concen: 0.407 ng

RT: 19.64 min Scan# 1820

Delta R.T. 0.00 min

Lab File: BE096228.D

Acq: 30 Apr 2018 18:59

Instrument :

BNA_E

ClientSampleId :

DUP-0445-180417

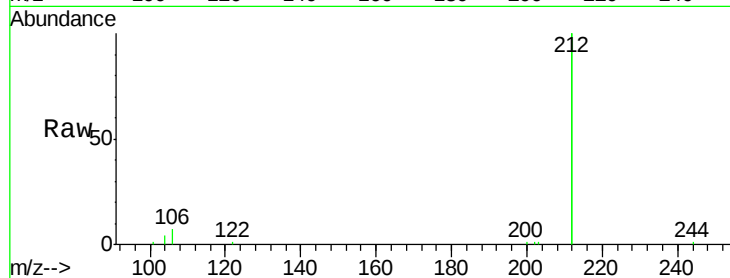
Tot Ion:212 Resp: 22967

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

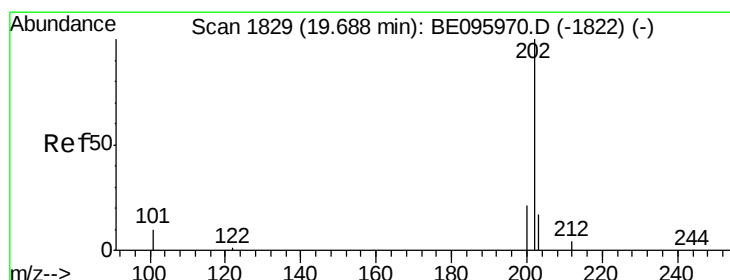
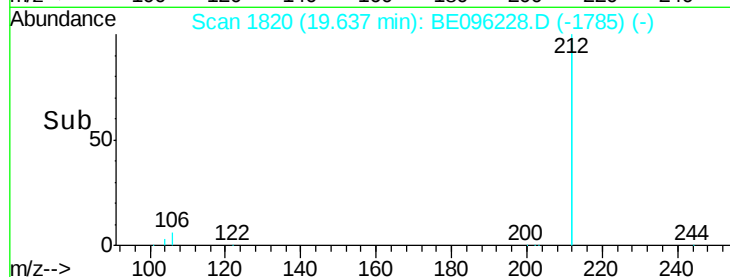
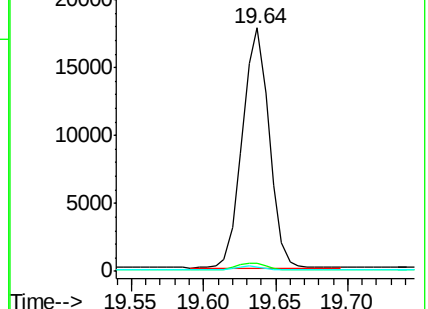
104 2.0 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.035 ng

RT: 19.67 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BE096228.D

Acq: 30 Apr 2018 18:59

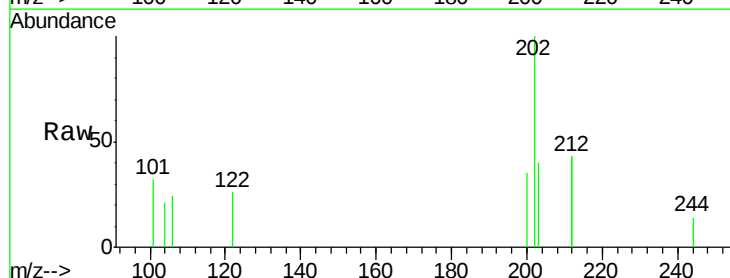
Tgt Ion:202 Resp: 540

Ion Ratio Lower Upper

202 100

101 16.7 9.8 14.8#

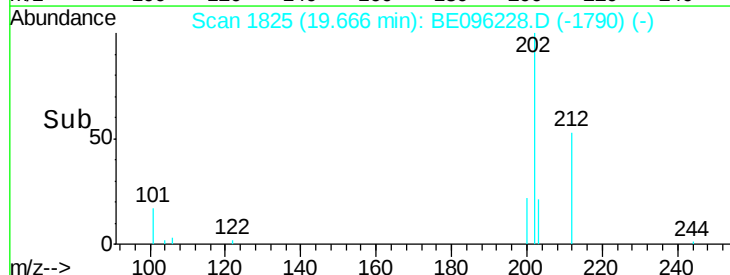
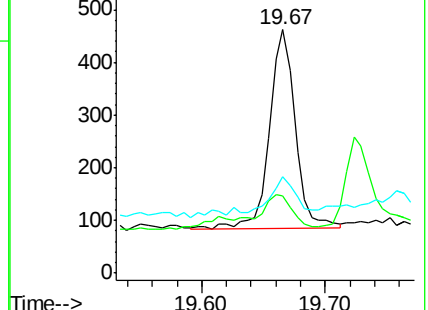
203 18.3 13.7 20.5

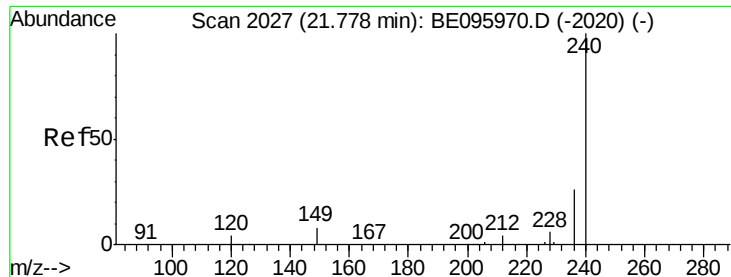


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.75 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BE096228.D

Acq: 30 Apr 2018 18:59

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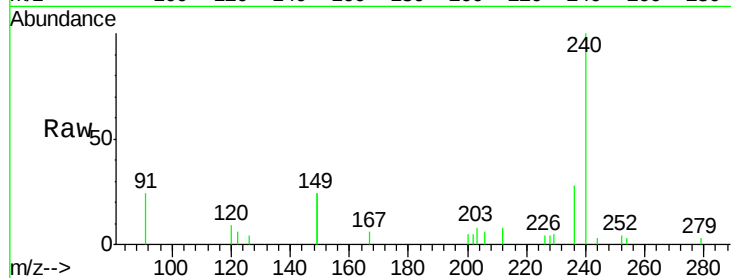
Tot Ion:240 Resp: 4131

Ion Ratio Lower Upper

240 100

120 9.4 5.5 8.3#

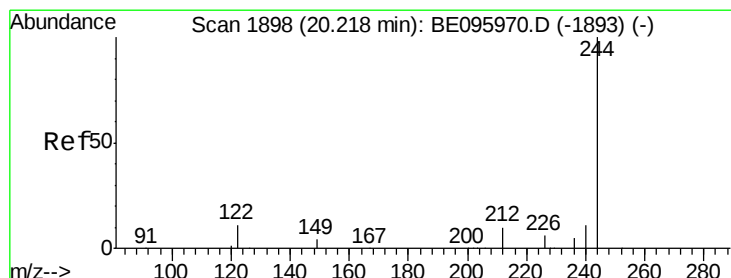
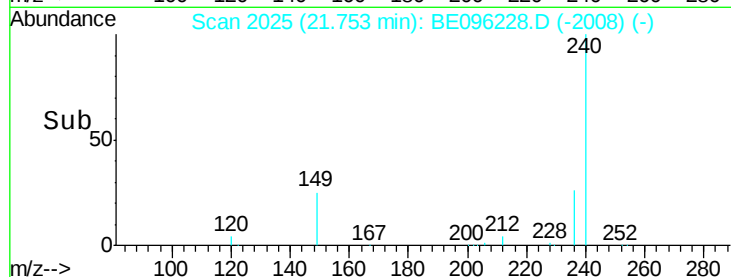
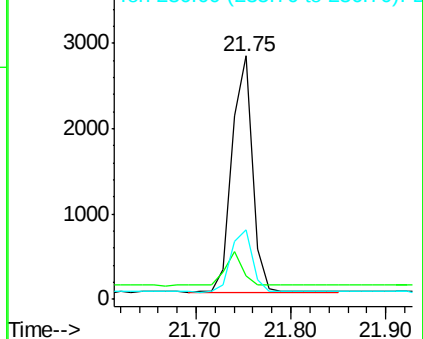
236 28.5 20.7 31.1



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: 0.398 ng

RT: 20.19 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BE096228.D

Acq: 30 Apr 2018 18:59

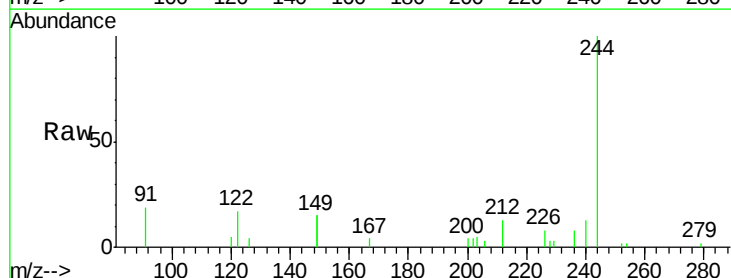
Tgt Ion:244 Resp: 3637

Ion Ratio Lower Upper

244 100

212 13.0 25.4 38.0#

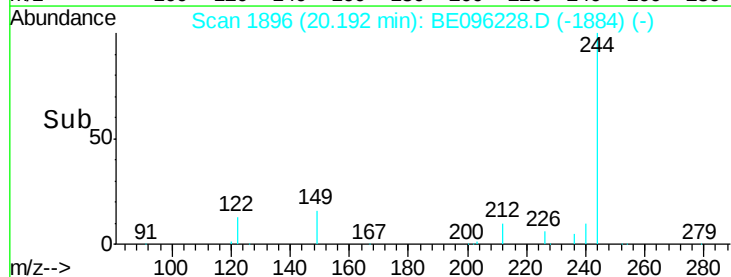
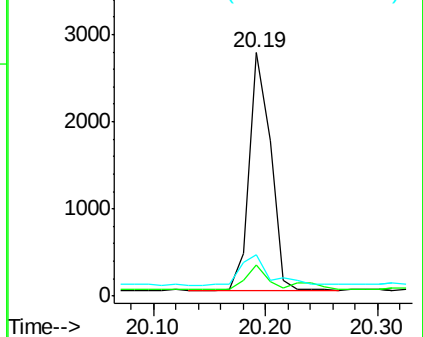
122 16.9 8.1 12.1#

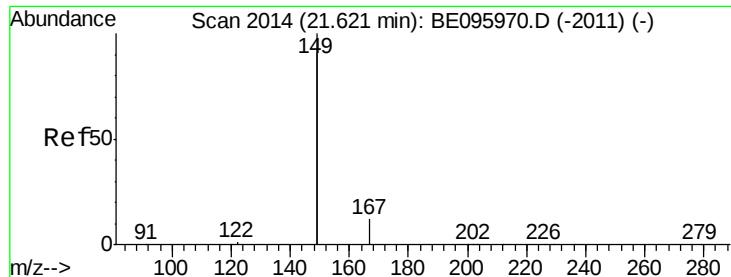


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.112 ng

RT: 21.60 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BE096228.D

Acq: 30 Apr 2018 18:59

Instrument :

BNA_E

ClientSampleId :

DUP-0445-180417

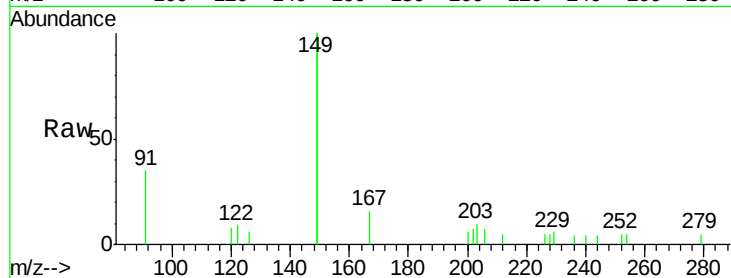
Tot Ion:149 Resp: 3815

Ion Ratio Lower Upper

149 100

167 6.9 5.4 8.0

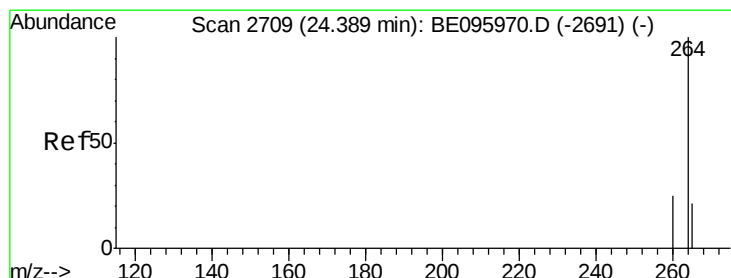
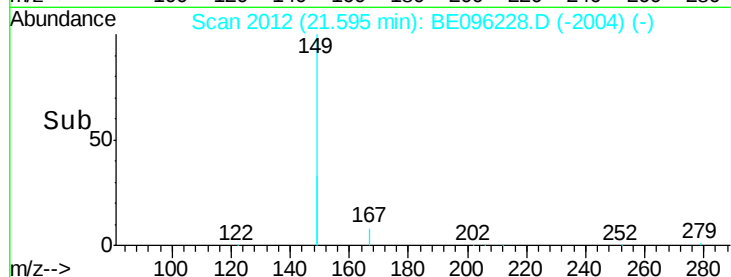
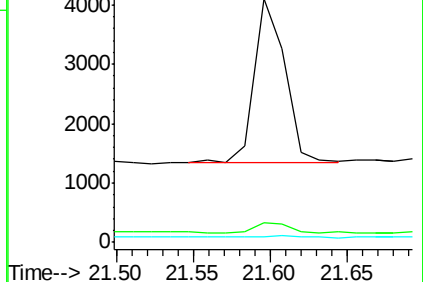
279 1.6 0.7 1.1#



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: BE096228.D

Acq: 30 Apr 2018 18:59

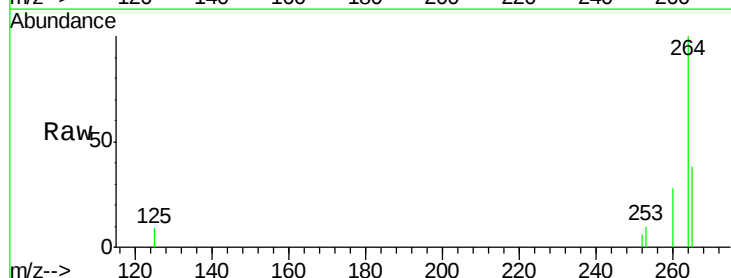
Tgt Ion:264 Resp: 3876

Ion Ratio Lower Upper

264 100

260 28.1 20.5 30.7

265 37.6 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

