

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061818\
 Data File : BE096824.D
 Acq On : 19 Jun 2018 00:46
 Operator : SJ/JU
 Sample : J3467-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jun 19 01:27:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 18 13:28:13 2018
 Response via : Initial Calibration

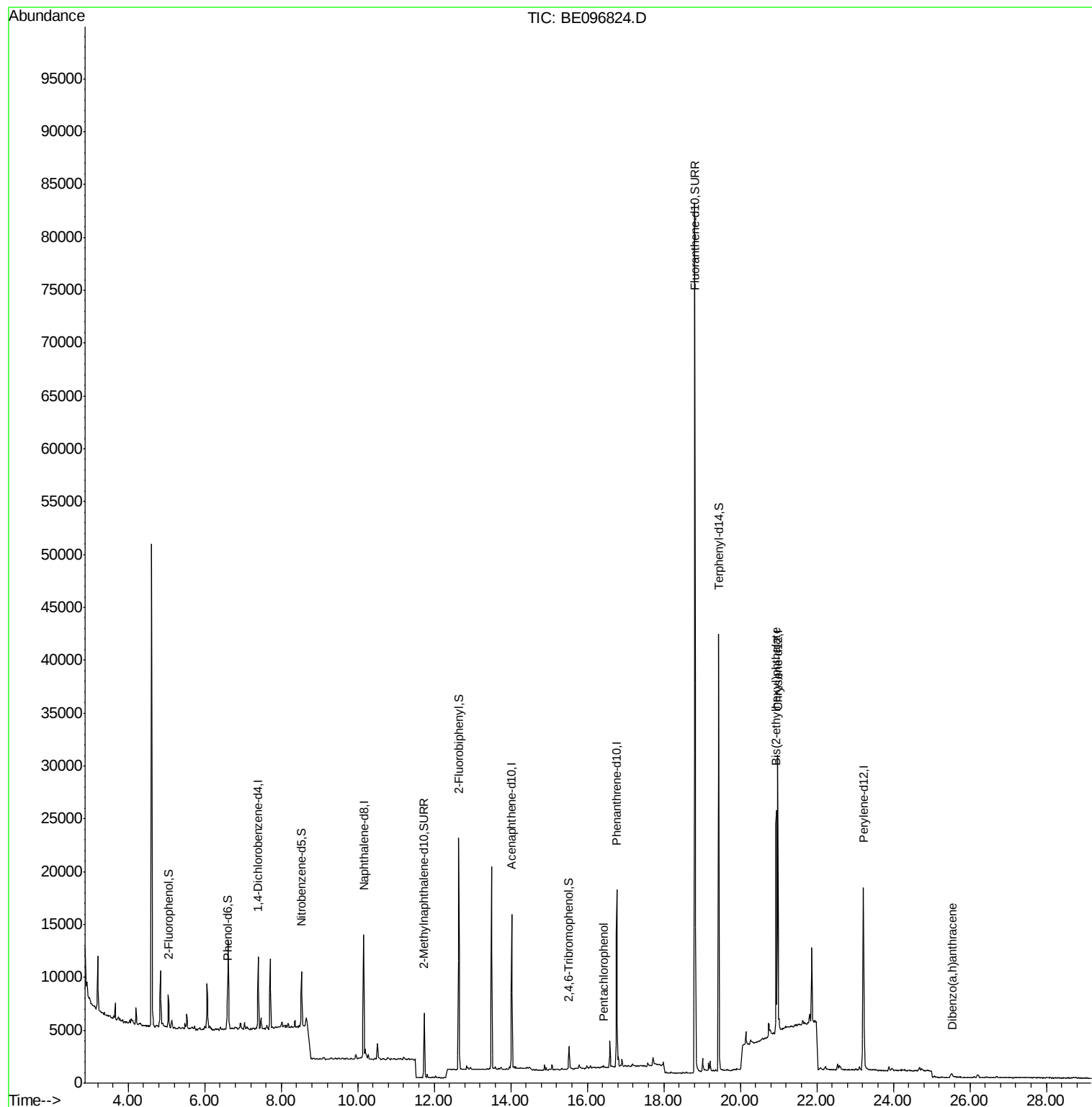
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	2919	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	13784	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	7932	0.40	ng	0.00
19) Phenanthrene-d10	16.78	188	22286	0.40	ng	0.00
27) Chrysene-d12	20.98	240	23655	0.40	ng	0.00
34) Perylene-d12	23.22	264	23193	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	1456	0.23	ng	0.00
5) Phenol-d6	6.59	99	1365	0.14	ng	0.00
8) Nitrobenzene-d5	8.53	82	4334	0.57	ng	0.00
11) 2-Methylnaphthalene-d10	11.74	152	8298	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	1247	0.67	ng	0.00
15) 2-Fluorobiphenyl	12.64	172	18025	0.55	ng	0.00
25) Fluoranthene-d10	18.81	212	102781	0.47	ng	0.00
29) Terphenyl-d14	19.43	244	33306	0.62	ng	0.00
Target Compounds						Qvalue
22) Pentachlorophenol	16.44	266	102	0.130	ng	91
32) Bis(2-ethylhexyl)phthalate	20.94	149	29866	0.693	ng	100
38) Dibenzo(a,h)anthracene	25.54	278	353	0.082	ng	# 5

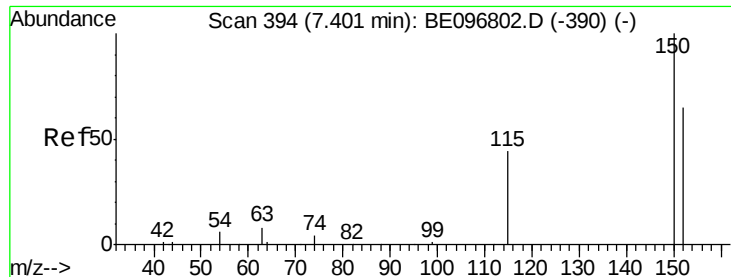
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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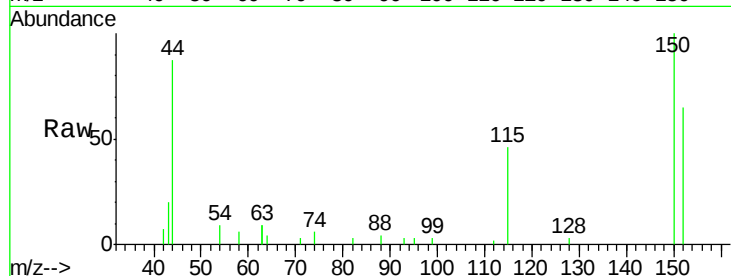


#1

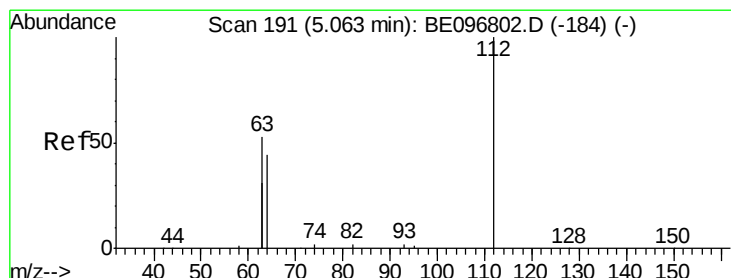
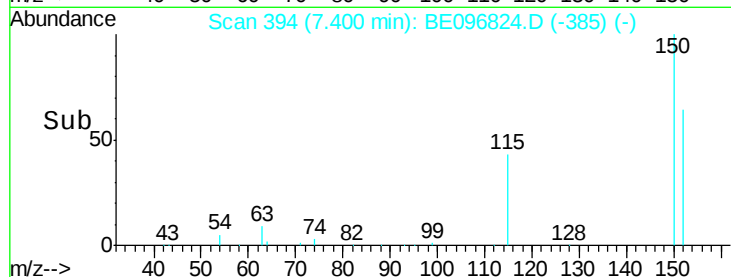
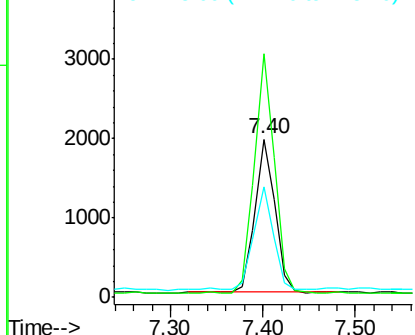
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. -0.00 min
Lab File: BE096824.D
Acq: 19 Jun 2018 00:46

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 2919
Ion Ratio Lower Upper
152 100
150 153.7 117.2 175.8
115 70.0 57.0 85.6



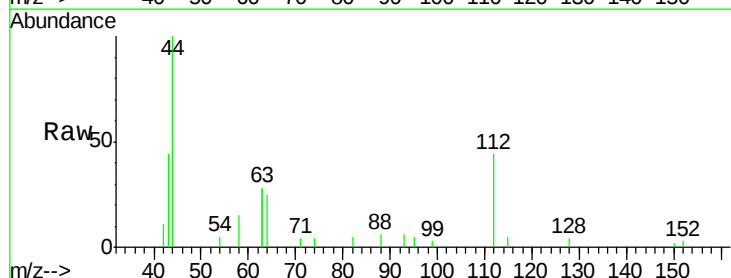
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



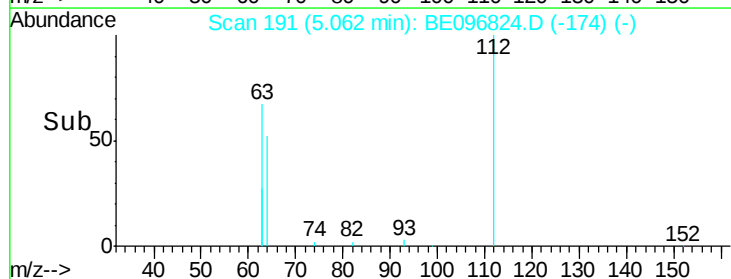
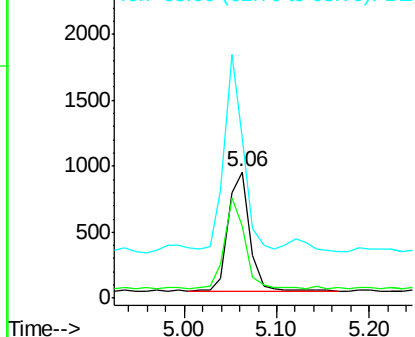
#4

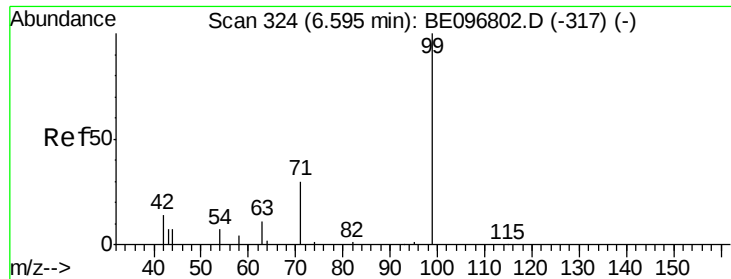
2-Fluorophenol
Concen: 0.228 ng
RT: 5.06 min Scan# 191
Delta R.T. -0.00 min
Lab File: BE096824.D
Acq: 19 Jun 2018 00:46

Tgt Ion:112 Resp: 1456
Ion Ratio Lower Upper
112 100
64 70.6 60.1 90.1
63 149.4 116.8 175.2



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: 0.143 ng

RT: 6.59 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE096824.D

Acq: 19 Jun 2018 00:46

Instrument :

BNA_E

ClientSampled :

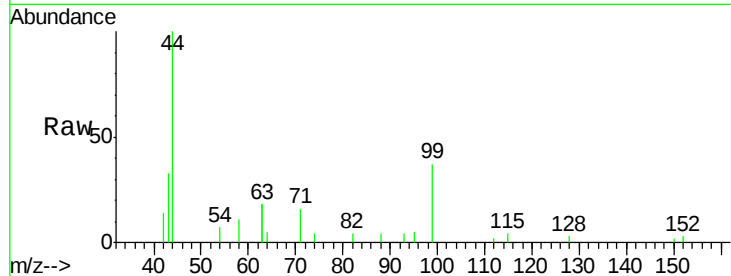
Tot Ion: 99 Resp: 1365

Ion Ratio Lower Upper

99 100

42 41.5 20.2 30.2#

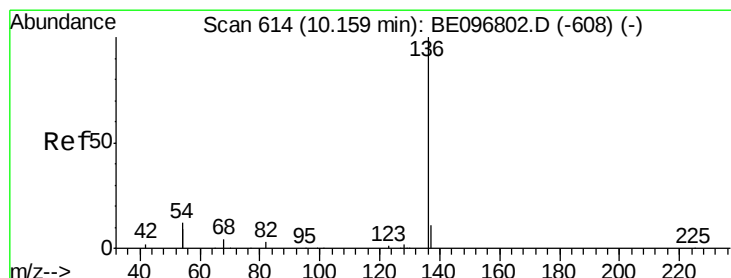
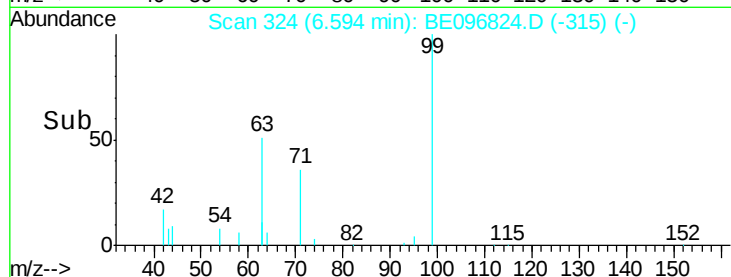
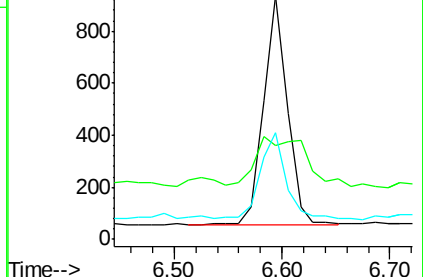
71 38.7 28.4 42.6



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: 10.16 min Scan# 614

Delta R.T. -0.00 min

Lab File: BE096824.D

Acq: 19 Jun 2018 00:46

Tgt Ion: 136 Resp: 13784

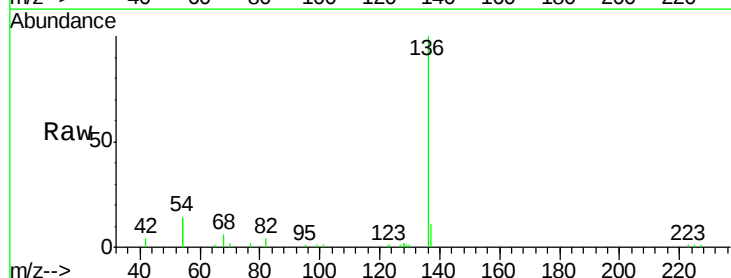
Ion Ratio Lower Upper

136 100

137 11.3 9.5 14.3

54 27.9 29.1 43.7#

68 5.7 6.2 9.2#

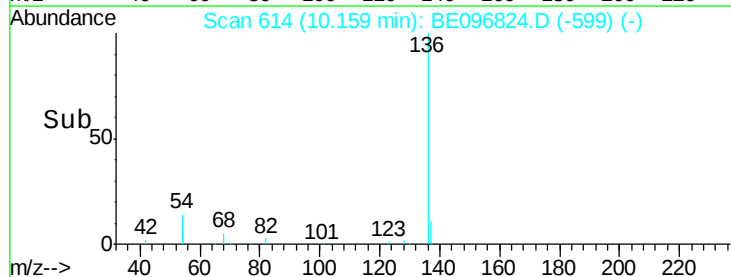
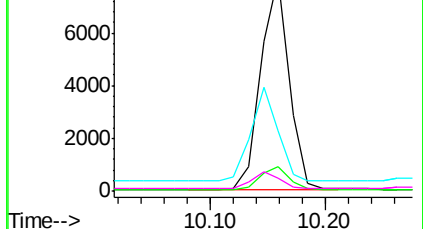


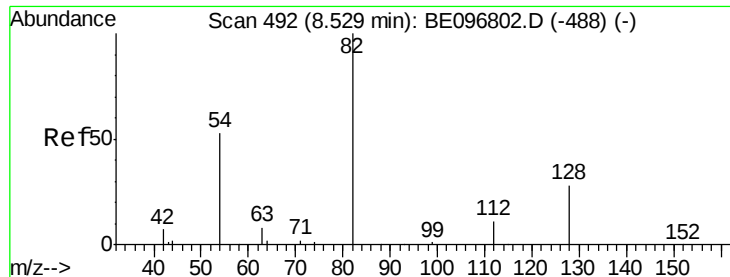
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.565 ng

RT: 8.53 min Scan# 492

Delta R.T. -0.00 min

Lab File: BE096824.D

Acq: 19 Jun 2018 00:46

Instrument :

BNA_E

ClientSampleId :

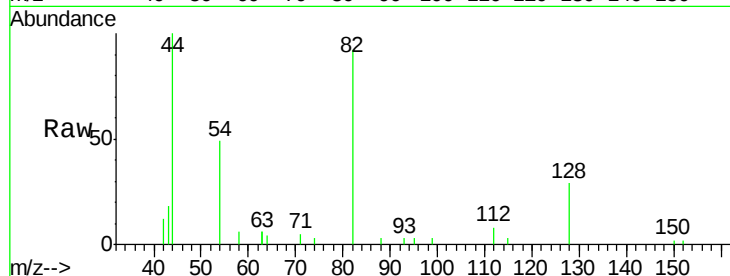
Tot Ion: 82 Resp: 4334

Ion Ratio Lower Upper

82 100

128 31.1 24.0 36.0

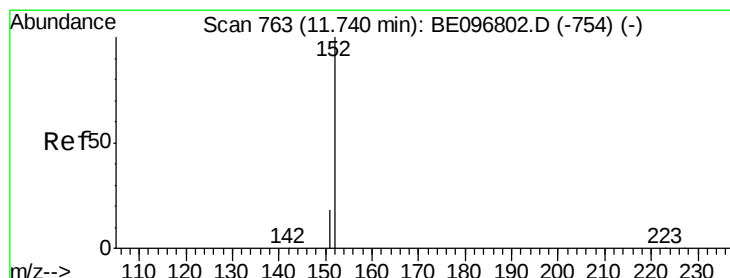
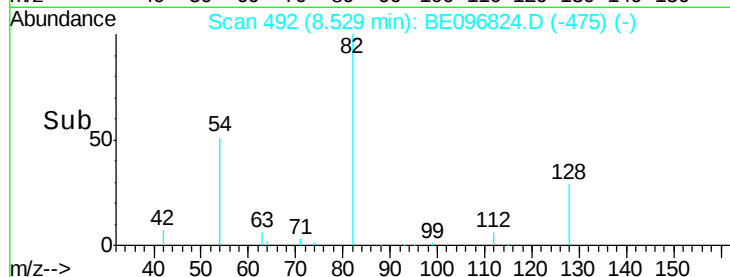
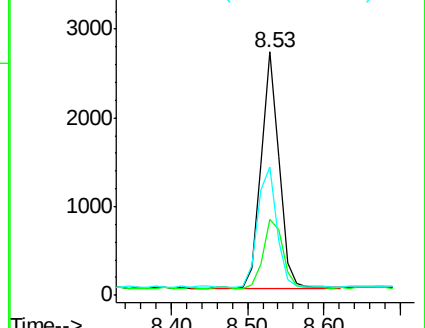
54 52.9 40.0 60.0



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.377 ng

RT: 11.74 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE096824.D

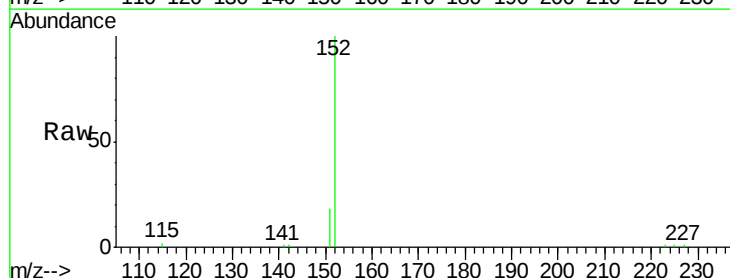
Acq: 19 Jun 2018 00:46

Tgt Ion: 152 Resp: 8298

Ion Ratio Lower Upper

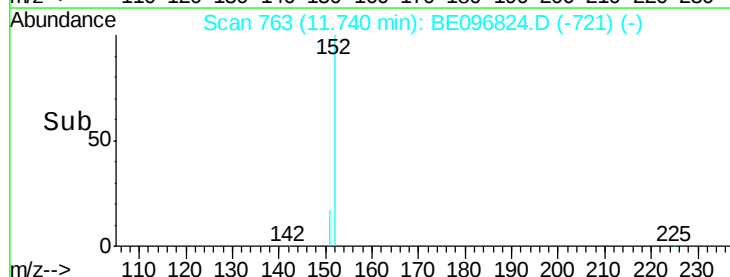
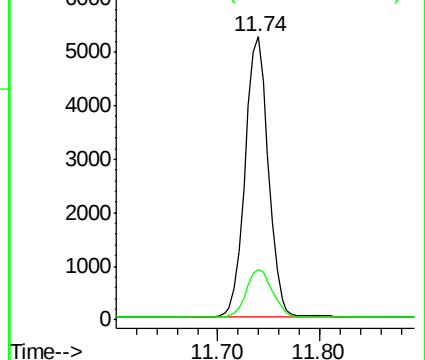
152 100

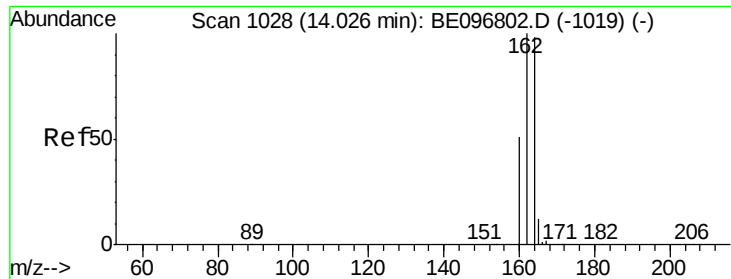
151 19.0 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): BE0

Ion 151.00 (150.70 to 151.70): BE0

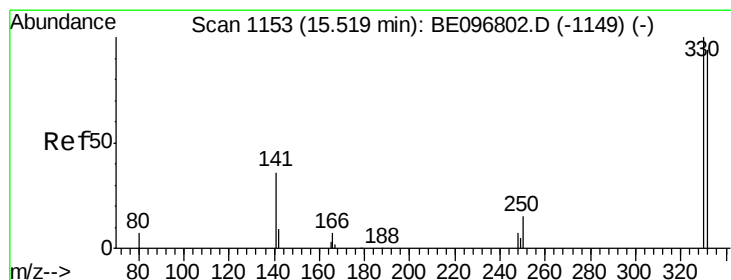
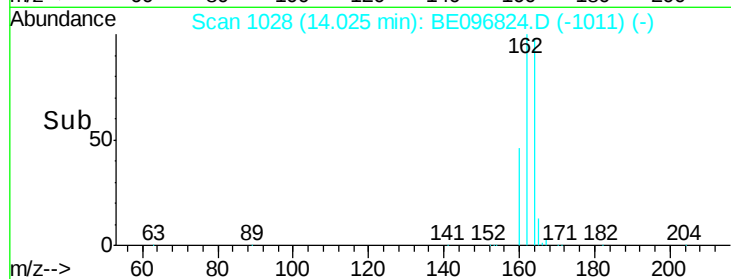
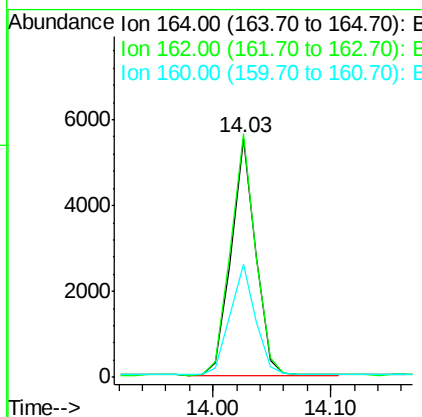
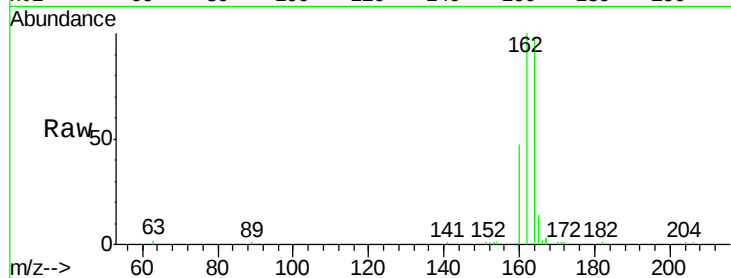




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.03 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BE096824.D
 Acq: 19 Jun 2018 00:46

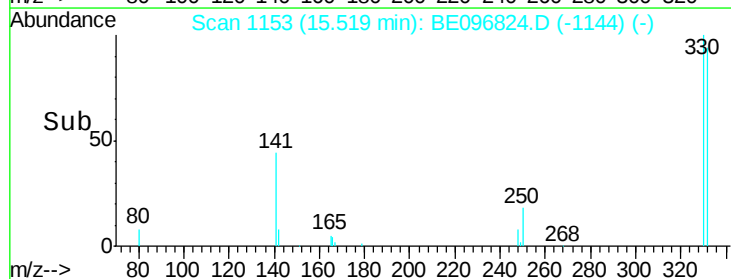
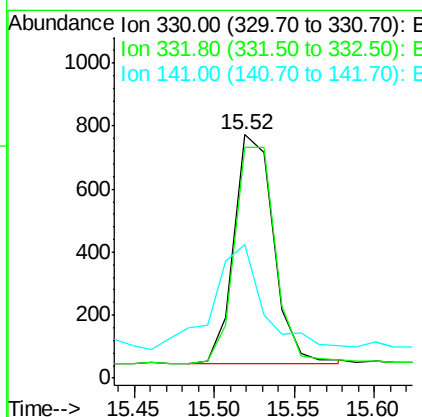
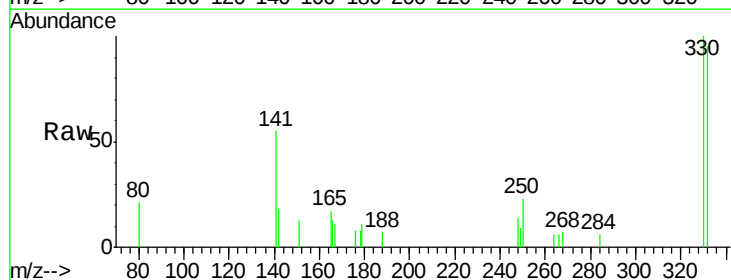
Instrument :
 BNA_E
 ClientSampleId :

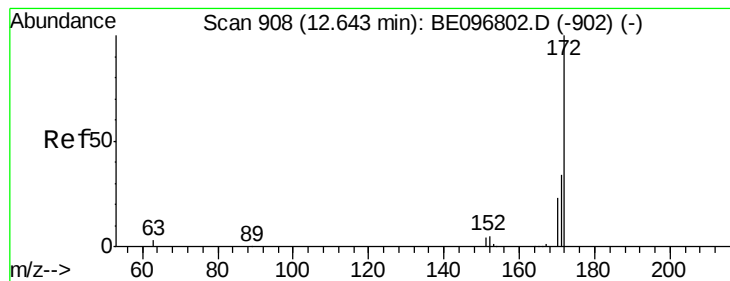
Tot Ion:164 Resp: 7932
 Ion Ratio Lower Upper
 164 100
 162 101.9 83.1 124.7
 160 47.6 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.674 ng
 RT: 15.52 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BE096824.D
 Acq: 19 Jun 2018 00:46

Tgt Ion:330 Resp: 1247
 Ion Ratio Lower Upper
 330 100
 332 98.2 152.7 229.1#
 141 58.6 33.7 50.5#

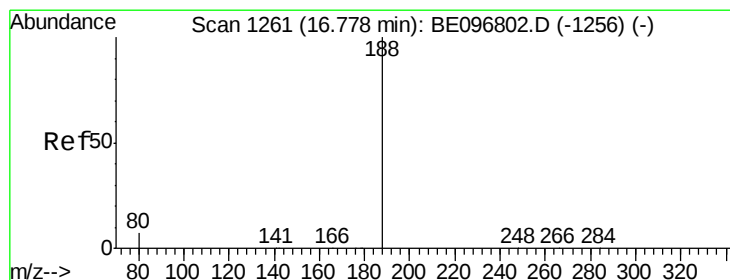
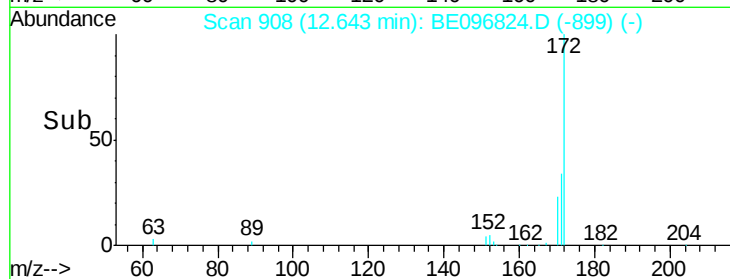
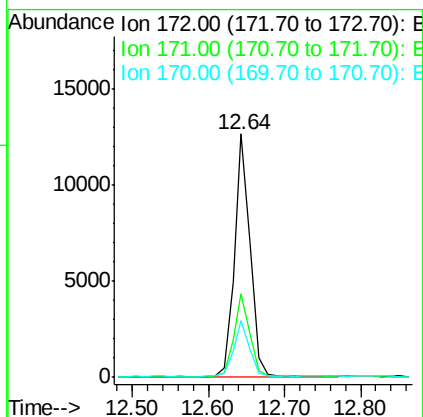
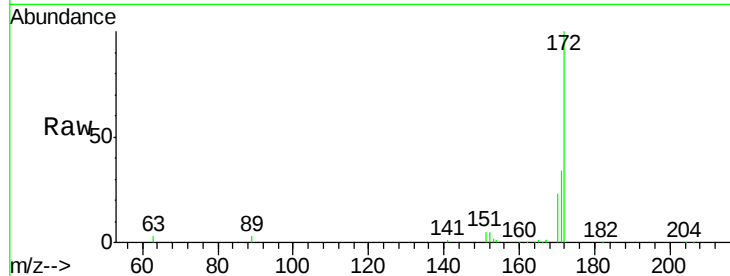




#15
2-Fluorobiphenyl
Concen: 0.553 ng
RT: 12.64 min Scan# 908
Delta R.T. 0.00 min
Lab File: BE096824.D
Acq: 19 Jun 2018 00:46

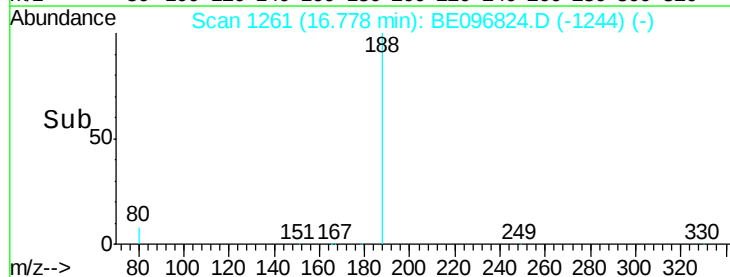
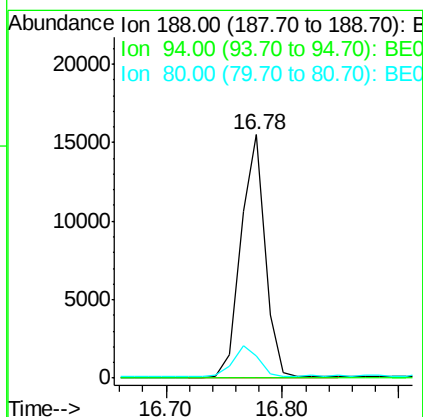
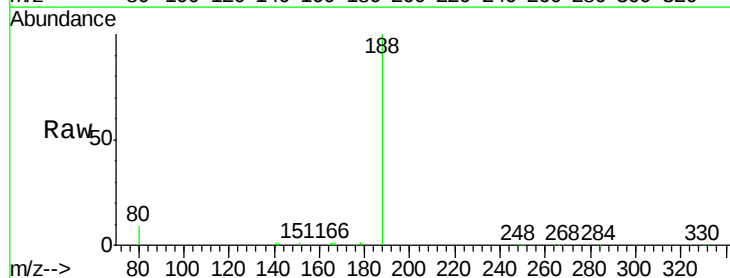
Instrument :
BNA_E
ClientSampleId :

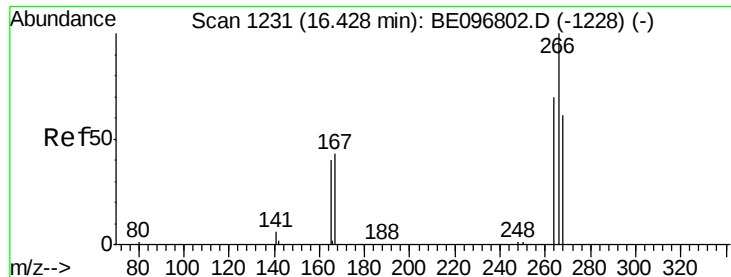
Tot Ion:172 Resp: 18025
Ion Ratio Lower Upper
172 100
171 34.5 29.9 44.9
170 23.4 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.78 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BE096824.D
Acq: 19 Jun 2018 00:46

Tgt Ion:188 Resp: 22286
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 8.9 3.6 5.4#

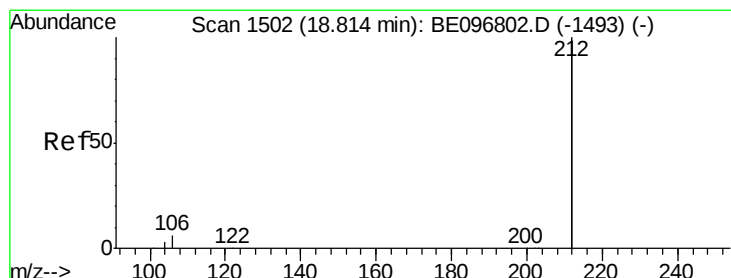
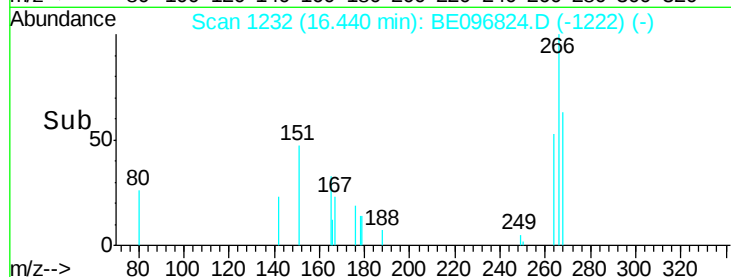
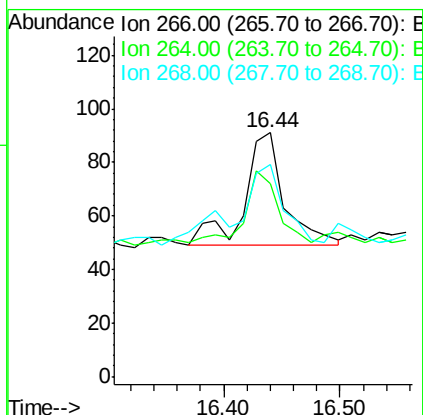
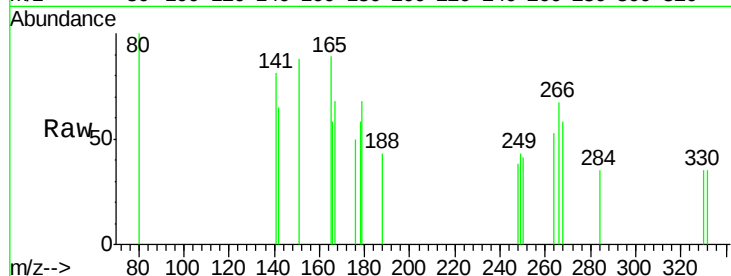




#22
 Pentachlorophenol
 Concen: 0.130 ng
 RT: 16.44 min Scan# 1232
 Delta R.T. 0.01 min
 Lab File: BE096824.D
 Acq: 19 Jun 2018 00:46

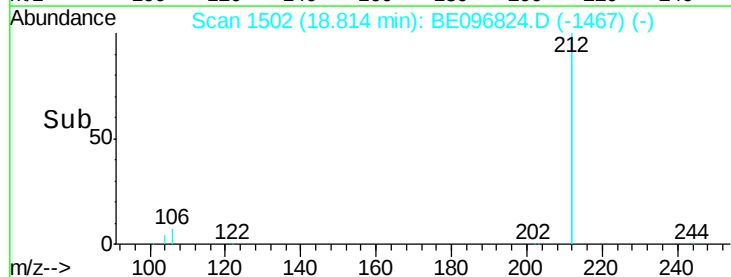
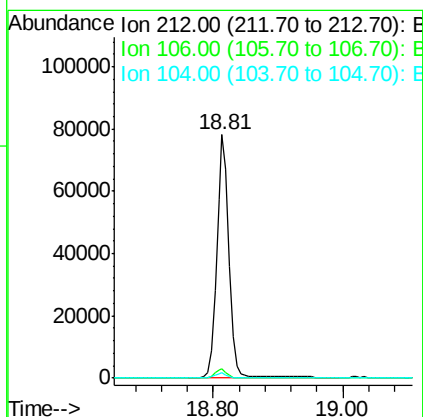
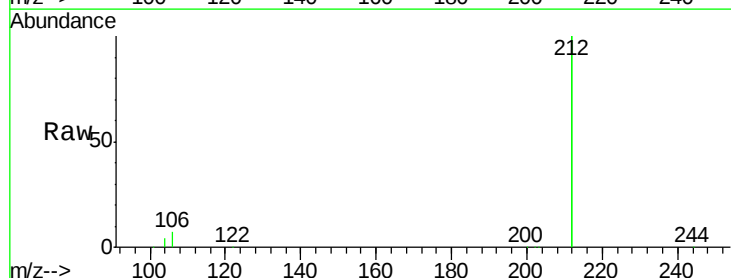
Instrument :
 BNA_E
 ClientSampleId :

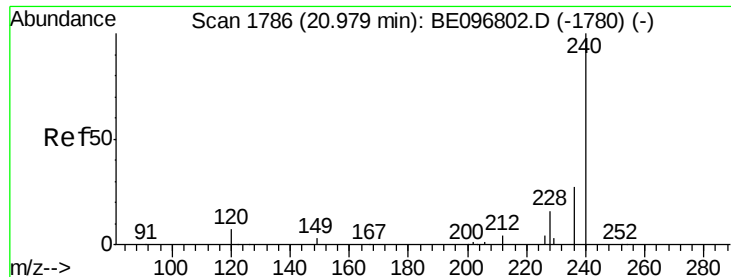
Tot Ion:266 Resp: 102
 Ion Ratio Lower Upper
 266 100
 264 79.1 72.5 108.7
 268 86.8 73.8 110.6



#25
 Fluoranthene-d10
 Concen: 0.471 ng
 RT: 18.81 min Scan# 1502
 Delta R.T. -0.00 min
 Lab File: BE096824.D
 Acq: 19 Jun 2018 00:46

Tgt Ion:212 Resp: 102781
 Ion Ratio Lower Upper
 212 100
 106 3.6 2.8 4.2
 104 2.0 1.6 2.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.98 min Scan# 1786

Delta R.T. -0.00 min

Lab File: BE096824.D

Acq: 19 Jun 2018 00:46

Instrument :

BNA_E

ClientSampleId :

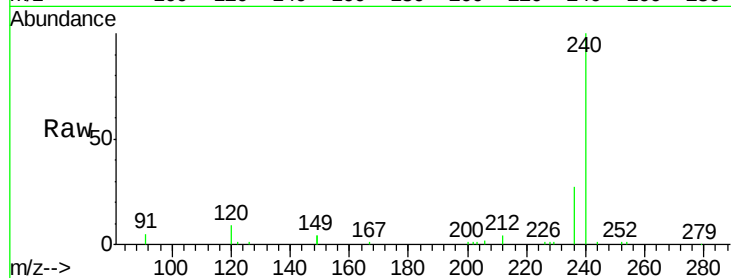
Tot Ion:240 Resp: 23655

Ion Ratio Lower Upper

240 100

120 9.2 5.5 8.3#

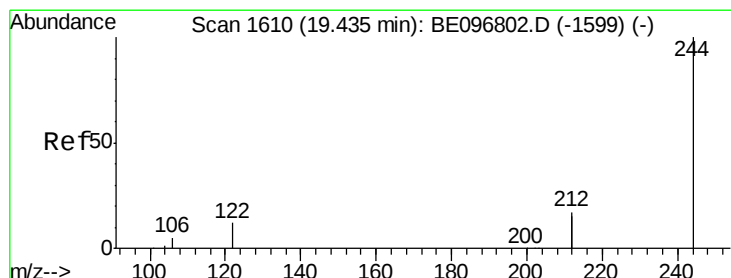
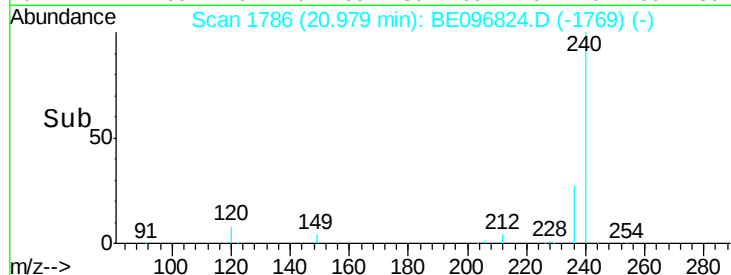
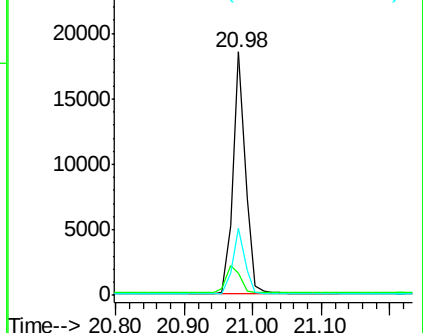
236 27.3 20.7 31.1



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: 0.621 ng

RT: 19.43 min Scan# 1610

Delta R.T. -0.00 min

Lab File: BE096824.D

Acq: 19 Jun 2018 00:46

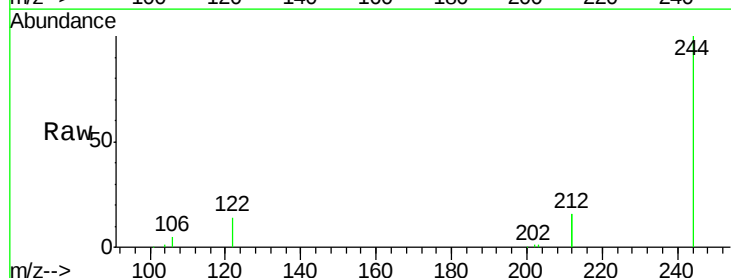
Tgt Ion:244 Resp: 33306

Ion Ratio Lower Upper

244 100

212 31.8 25.4 38.0

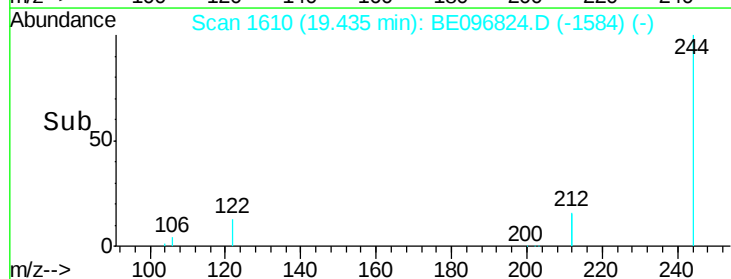
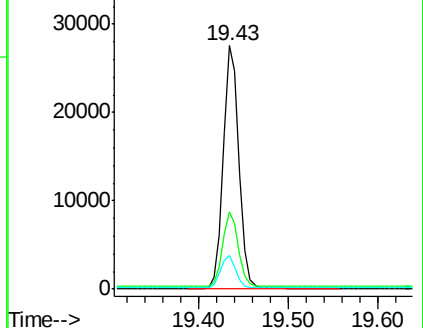
122 13.6 8.1 12.1#

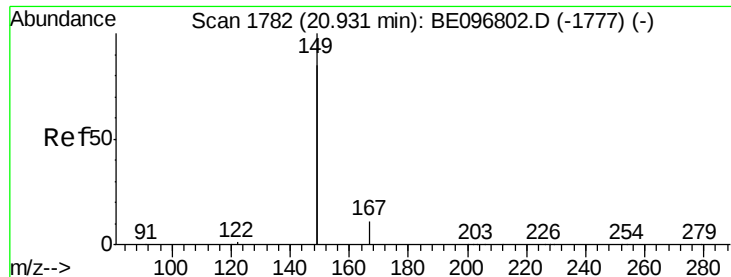


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.693 ng

RT: 20.94 min Scan# 1783

Delta R.T. 0.01 min

Lab File: BE096824.D

Acq: 19 Jun 2018 00:46

Instrument :

BNA_E

ClientSampleId :

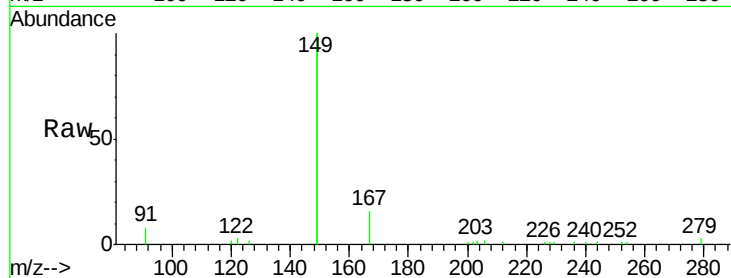
Tot Ion:149 Resp: 29866

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

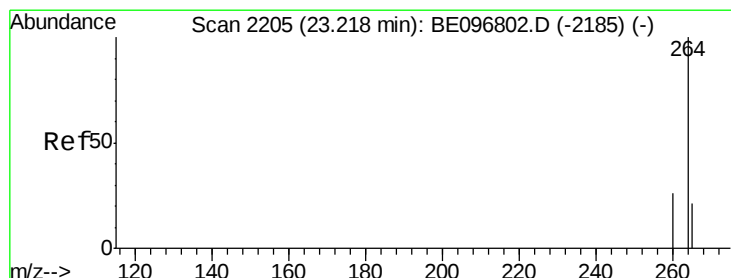
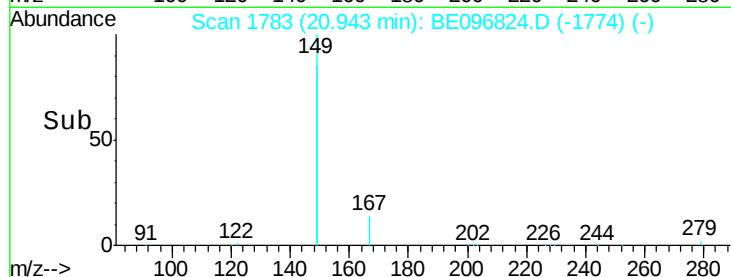
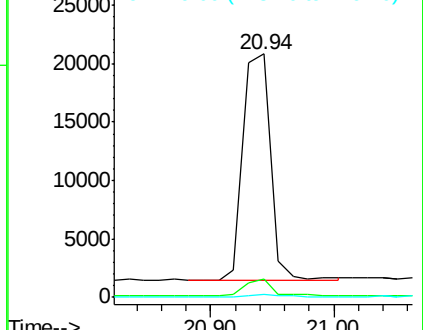
279 1.0 0.7 1.1



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: 23.22 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BE096824.D

Acq: 19 Jun 2018 00:46

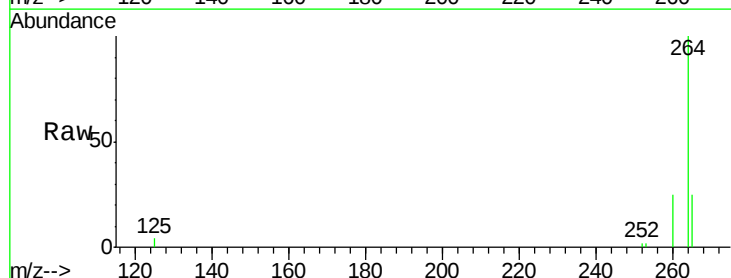
Tgt Ion:264 Resp: 23193

Ion Ratio Lower Upper

264 100

260 25.3 20.5 30.7

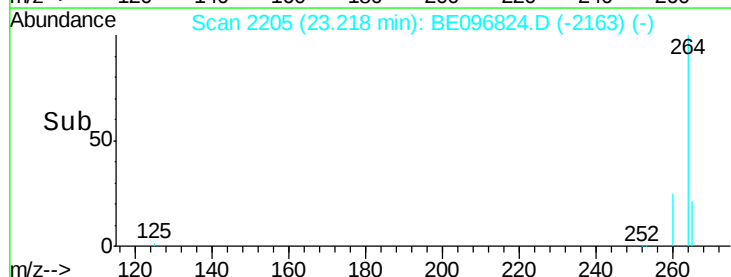
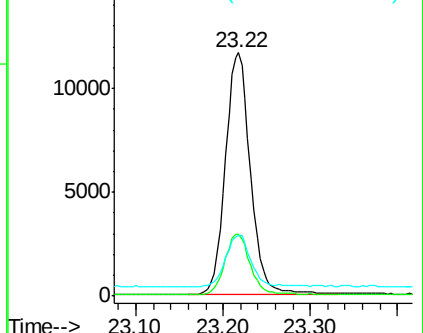
265 25.1 22.8 34.2

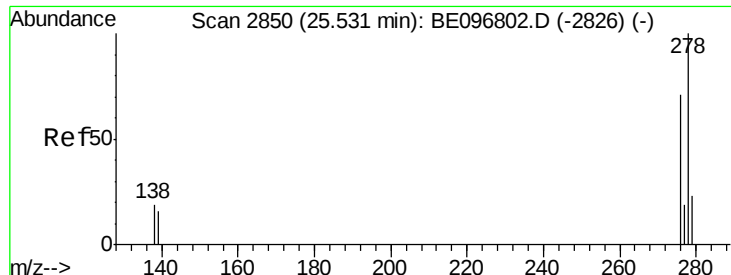


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#38

Dibenzo(a,h)anthracene

Concen: 0.082 ng

RT: 25.54 min Scan# 2852

Delta R.T. 0.01 min

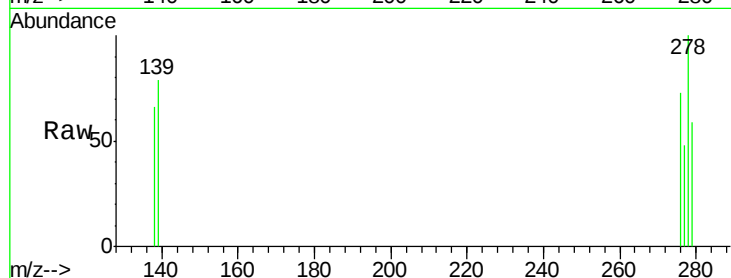
Lab File: BE096824.D

Acq: 19 Jun 2018 00:46

Instrument :

BNA_E

ClientSampleId :



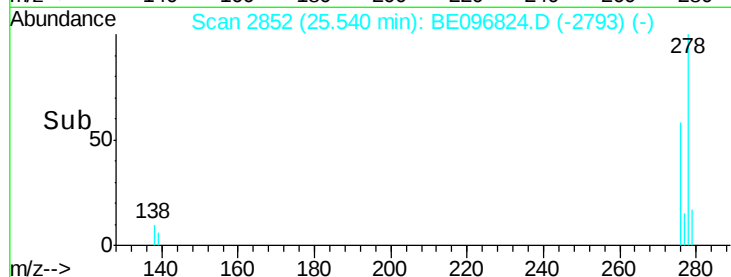
Tot Ion:278 Resp: 353

Ion Ratio Lower Upper

278 100

139 79.3 16.0 24.0#

279 59.1 20.0 30.0#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

