

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051518\
 Data File : BE096584.D
 Acq On : 15 May 2018 18:48
 Operator : SJ/JU
 Sample : PB108889BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 16 05:36:13 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 15 13:02:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	817	0.40	ng	0.00
7) Naphthalene-d8	11.18	136	3115	0.40	ng	0.00
13) Acenaphthene-d10	14.92	164	1562	0.40	ng	0.00
19) Phenanthrene-d10	17.64	188	3212	0.40	ng	0.00
27) Chrysene-d12	21.73	240	3378	0.40	ng	0.00
34) Perylene-d12	24.33	264	3374	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.85	112	922	0.41	ng	0.00
5) Phenol-d6	7.50	99	1155	0.36	ng	0.00
8) Nitrobenzene-d5	9.44	82	115	0.03	ng	-0.09
11) 2-Methylnaphthalene-d10	12.72	152	1637	0.32	ng	0.00
14) 2,4,6-Tribromophenol	16.40	330	201	0.33	ng	0.00
15) 2-Fluorobiphenyl	13.56	172	2494	0.37	ng	0.00
25) Fluoranthene-d10	19.62	212	13722	0.35	ng	0.00
29) Terphenyl-d14	20.18	244	2544	0.33	ng	0.00

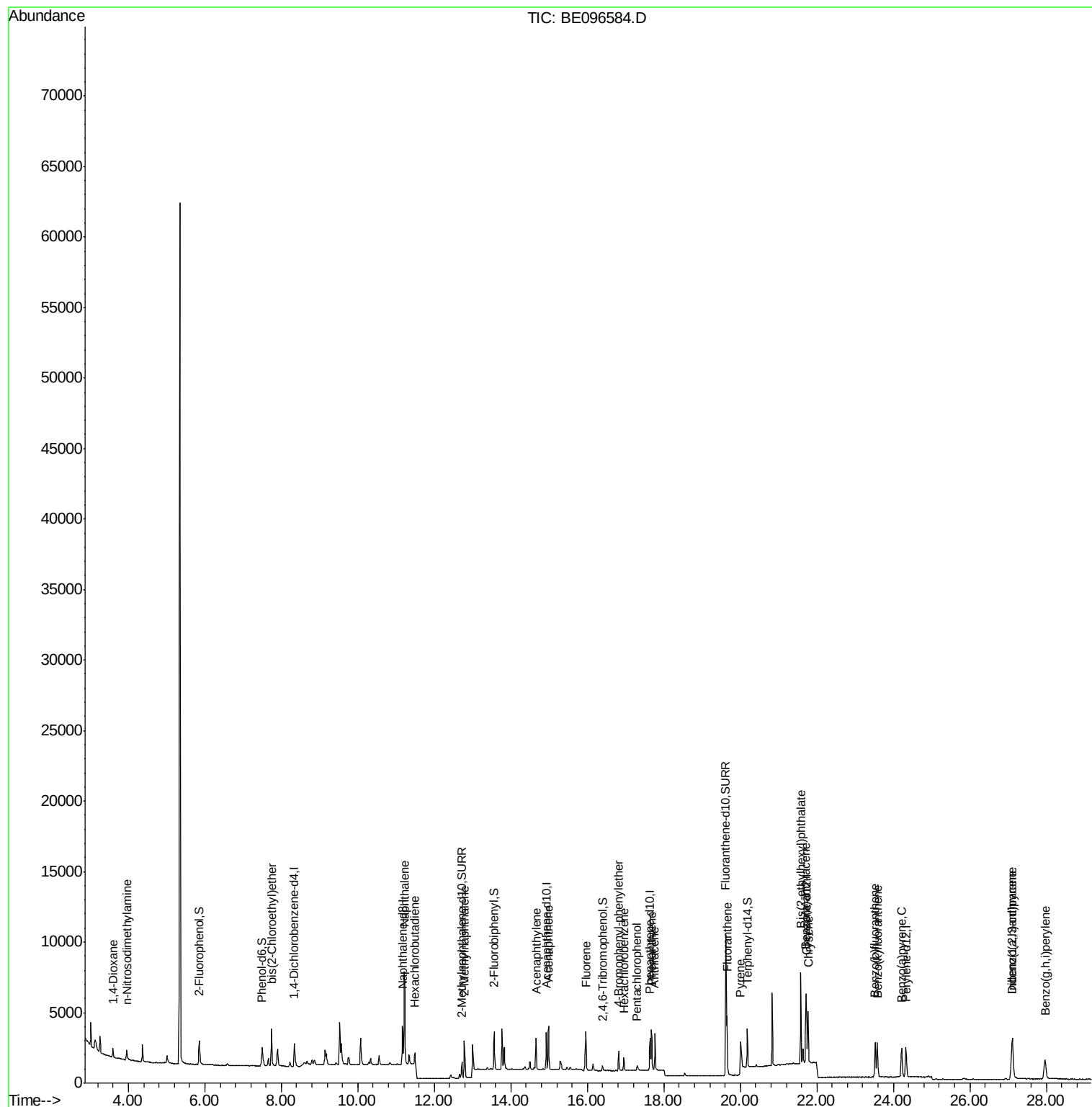
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.60	88	355	0.290	ng	# 72
3) n-Nitrosodimethylamine	3.95	42	633	0.413	ng	# 70
6) bis(2-Chloroethyl)ether	7.75	93	994	0.333	ng	92
9) Naphthalene	11.22	128	11519	0.352	ng	99
10) Hexachlorobutadiene	11.49	225	508	0.277	ng	92
12) 2-Methylnaphthalene	12.79	142	1904	0.339	ng	96
16) Acenaphthylene	14.66	152	2665	0.327	ng	99
17) Acenaphthene	14.99	154	1615	0.325	ng	91
18) Fluorene	15.96	166	2598	0.420	ng	# 78
20) 4-Bromophenyl-phenylether	16.82	248	628	0.322	ng	# 74
21) Hexachlorobenzene	16.95	284	654	0.322	ng	# 80
22) Pentachlorophenol	17.30	266	253	0.569	ng	85
23) Phenanthrene	17.67	178	3103	0.344	ng	99
24) Anthracene	17.77	178	2885	0.344	ng	95
26) Fluoranthene	19.65	202	3730	0.346	ng	# 97
28) Pyrene	20.00	202	1678	0.275	ng	97
30) Benzo(a)anthracene	21.72	228	3750	0.361	ng	97
31) Chrysene	21.78	228	3755	0.347	ng	98
32) Bis(2-ethylhexyl)phthalate	21.58	149	7148	0.322	ng	100
33) Indeno(1,2,3-cd)pyrene	27.10	276	4075	0.393	ng	# 93
35) Benzo(b)fluoranthene	23.52	252	3727	0.358	ng	# 91
36) Benzo(k)fluoranthene	23.58	252	3776	0.343	ng	# 89
37) Benzo(a)pyrene	24.21	252	3561	0.358	ng	# 91
38) Dibenzo(a,h)anthracene	27.11	278	3363	0.370	ng	94
39) Benzo(g,h,i)perylene	27.96	276	3507	0.368	ng	# 92

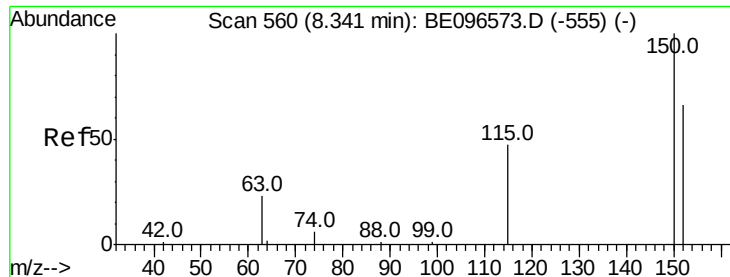
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051518\
Data File : BE096584.D
Acq On : 15 May 2018 18:48
Operator : SJ/JU
Sample : PB108889BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: May 16 05:36:13 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 15 13:02:03 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.34 min Scan# 560

Delta R.T. -0.00 min

Lab File: BE096584.D

Acq: 15 May 2018 18:48

Instrument :

BNA_E

ClientSampled :

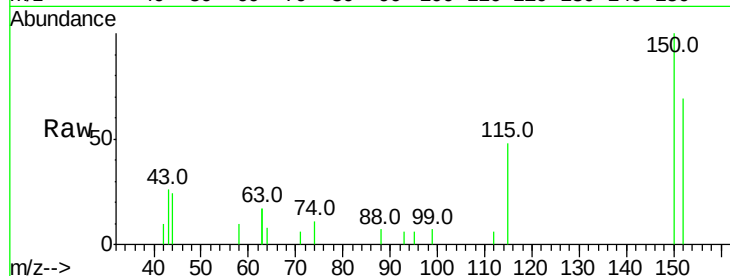
Tot Ion:152 Resp: 817

Ion Ratio Lower Upper

152 100

150 145.1 117.2 175.8

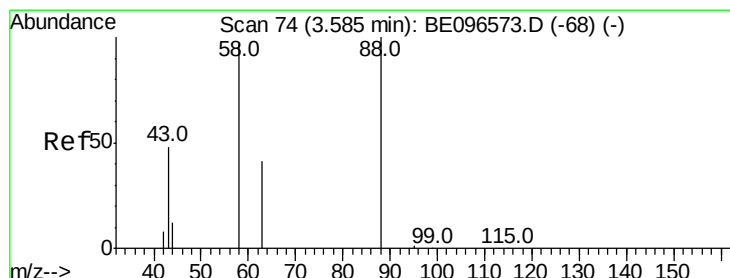
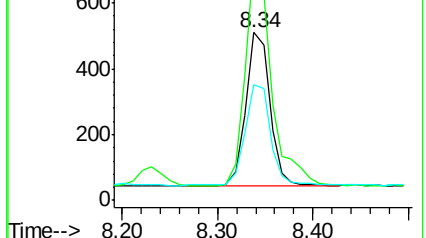
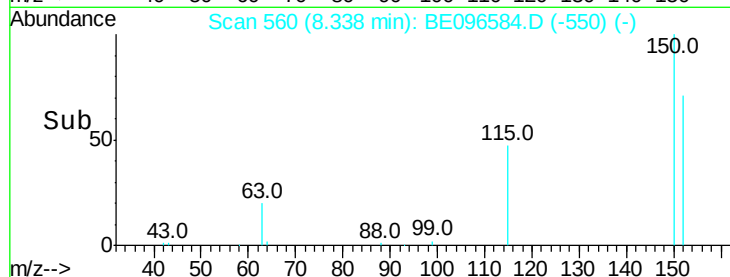
115 69.2 57.0 85.6



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



#2

1,4-Dioxane

Concen: 0.290 ng

RT: 3.60 min Scan# 76

Delta R.T. 0.02 min

Lab File: BE096584.D

Acq: 15 May 2018 18:48

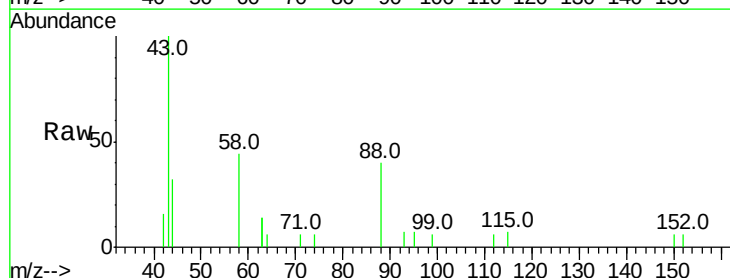
Tgt Ion: 88 Resp: 355

Ion Ratio Lower Upper

88 100

58 87.9 63.2 94.8

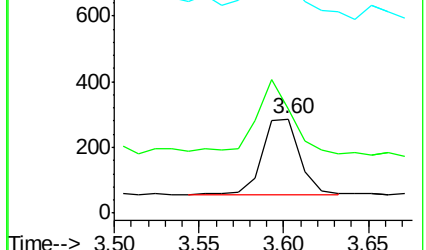
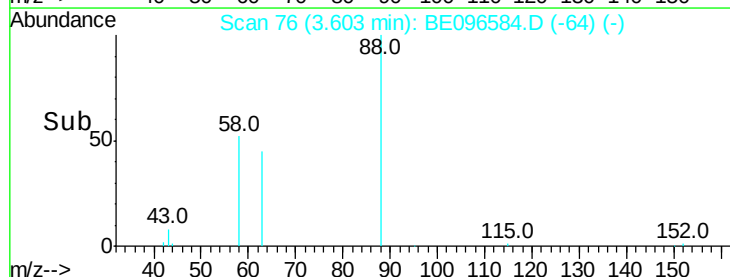
43 89.6 41.2 61.8#

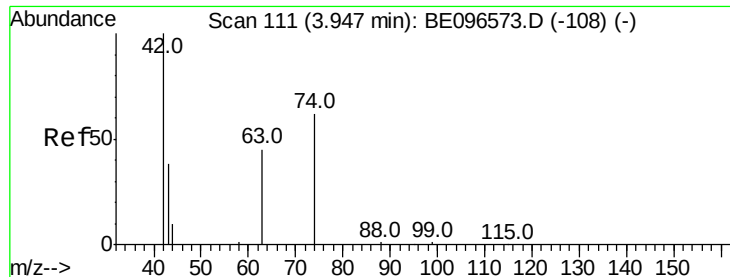


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



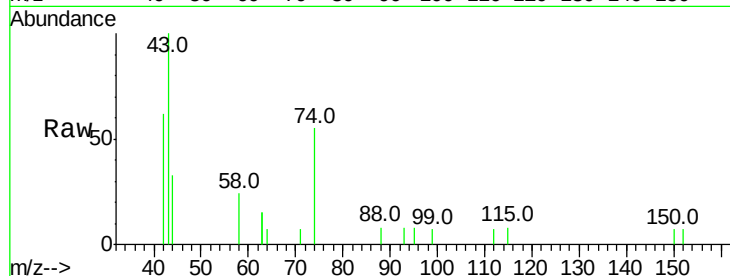


#3

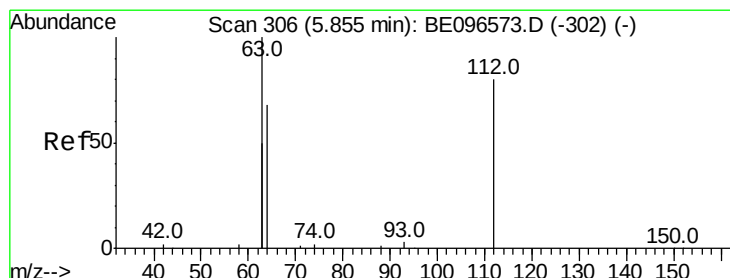
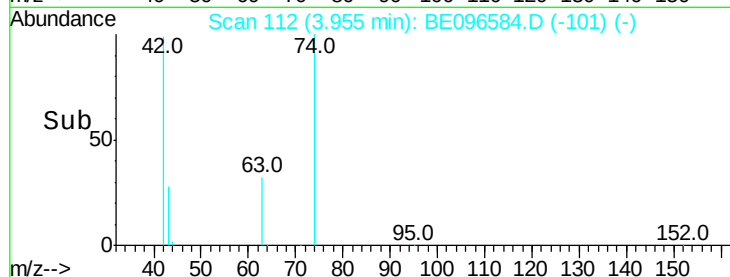
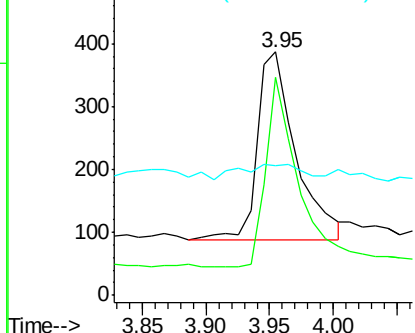
n-Nitrosodimethylamine
Concen: 0.413 ng
RT: 3.95 min Scan# 112
Delta R.T. 0.01 min
Lab File: BE096584.D
Acq: 15 May 2018 18:48

Instrument :
BNA_E
ClientSampleId :

Tot Ion: 42 Resp: 633
Ion Ratio Lower Upper
42 100
74 82.9 96.0 144.0#
44 12.8 12.0 18.0



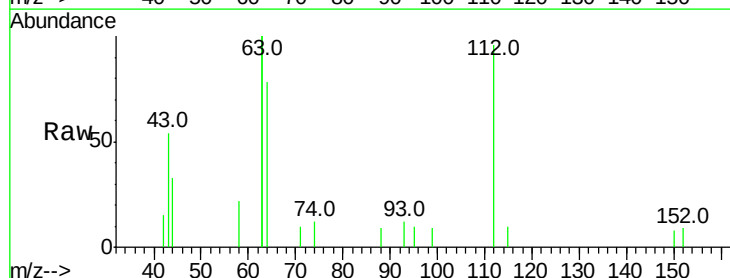
Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



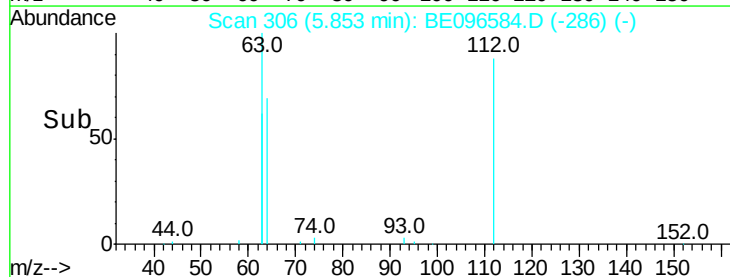
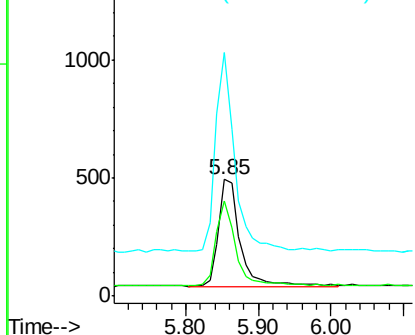
#4

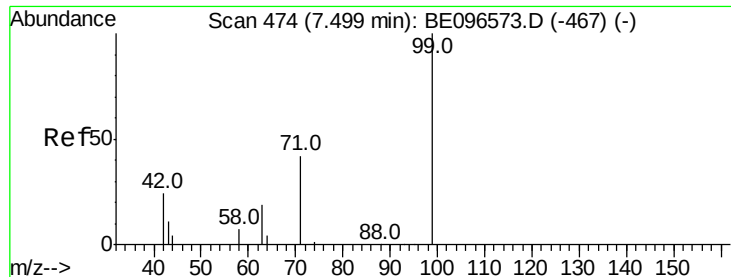
2-Fluorophenol
Concen: 0.409 ng
RT: 5.85 min Scan# 306
Delta R.T. -0.00 min
Lab File: BE096584.D
Acq: 15 May 2018 18:48

Tgt Ion: 112 Resp: 922
Ion Ratio Lower Upper
112 100
64 71.6 60.1 90.1
63 160.4 116.8 175.2



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: 0.362 ng

RT: 7.50 min Scan# 474

Delta R.T. -0.00 min

Lab File: BE096584.D

Acq: 15 May 2018 18:48

Instrument :

BNA_E

ClientSampleId :

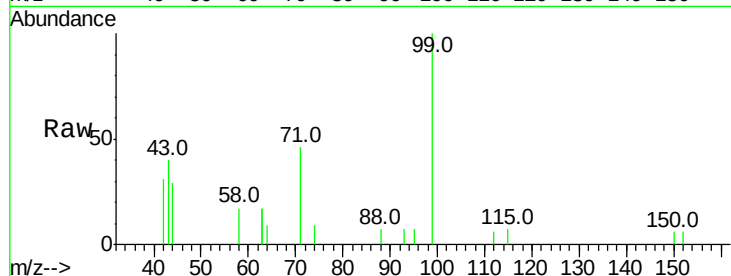
Tot Ion: 99 Resp: 1155

Ion Ratio Lower Upper

99 100

42 29.4 20.2 30.2

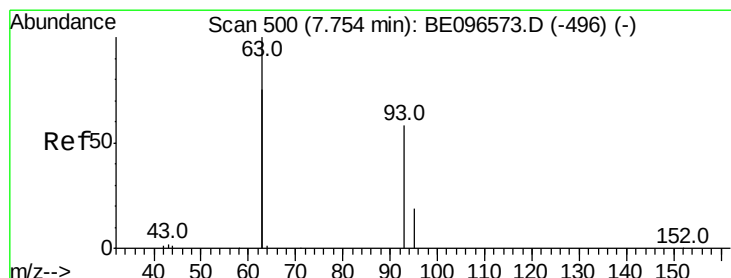
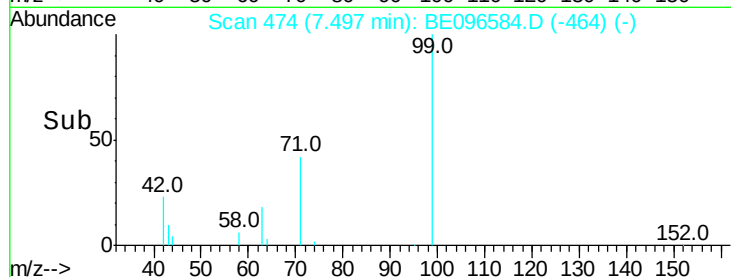
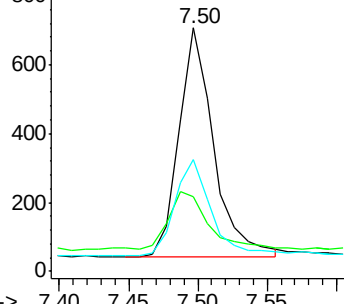
71 44.4 28.4 42.6#



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



#6

bis(2-Chloroethyl)ether

Concen: 0.333 ng

RT: 7.75 min Scan# 500

Delta R.T. -0.00 min

Lab File: BE096584.D

Acq: 15 May 2018 18:48

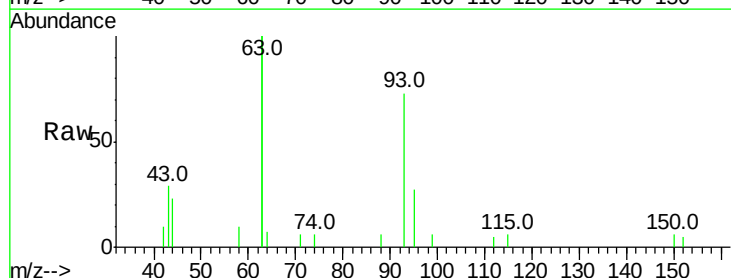
Tgt Ion: 93 Resp: 994

Ion Ratio Lower Upper

93 100

63 325.4 275.3 412.9

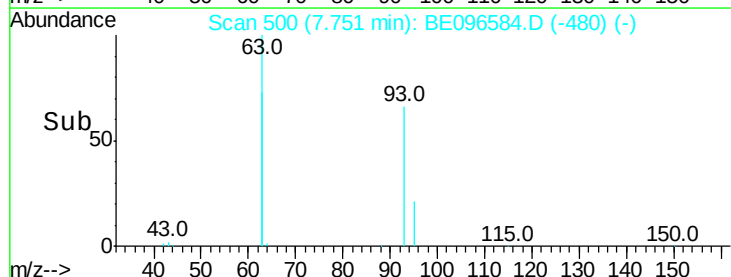
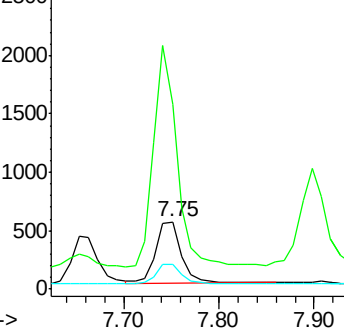
95 31.8 25.2 37.8

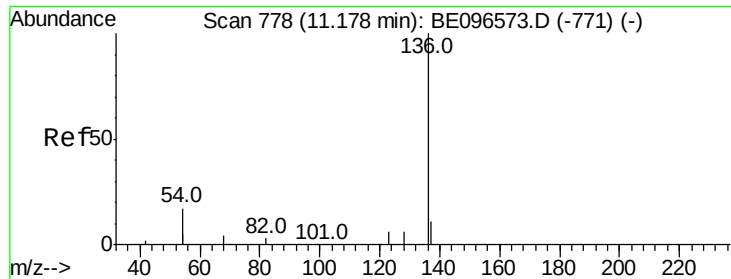


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.18 min Scan# 778

Delta R.T. -0.00 min

Lab File: BE096584.D

Acq: 15 May 2018 18:48

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 3115

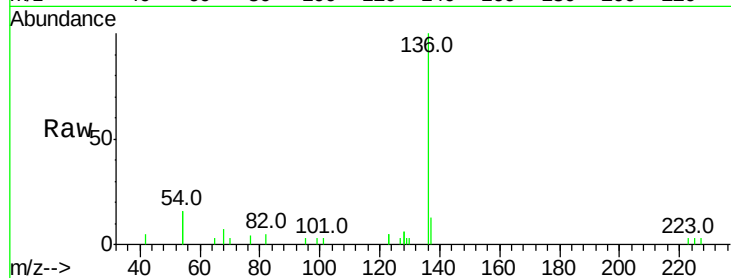
Ion Ratio Lower Upper

136 100

137 13.1 9.5 14.3

54 32.3 29.1 43.7

68 7.1 6.2 9.2

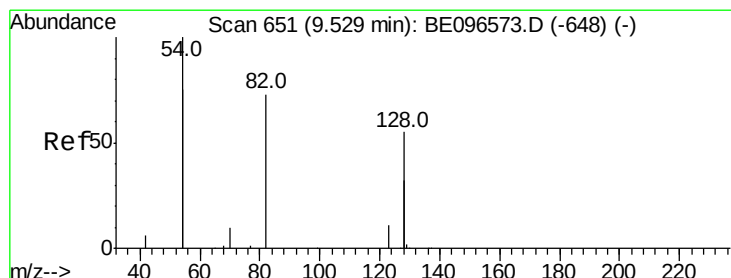
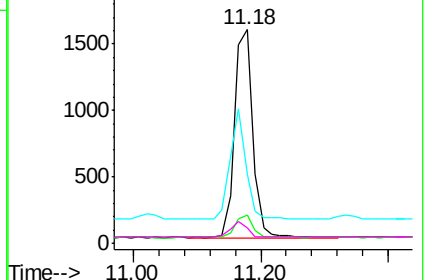
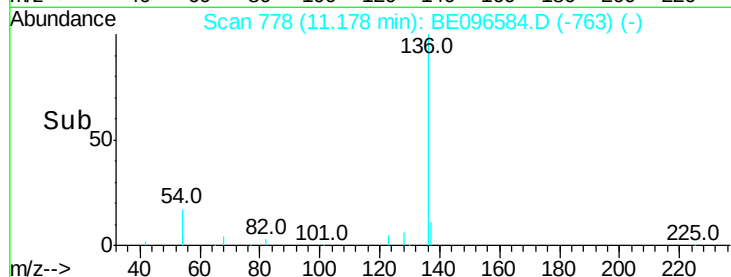


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.035 ng

RT: 9.44 min Scan# 644

Delta R.T. -0.09 min

Lab File: BE096584.D

Acq: 15 May 2018 18:48

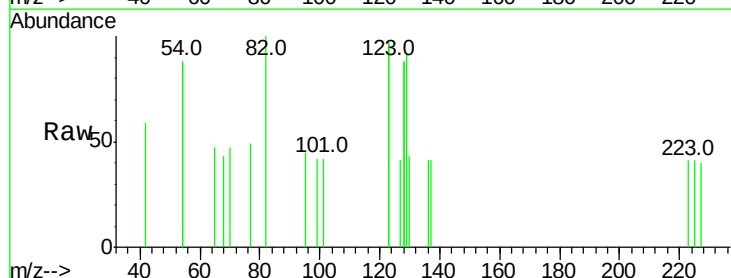
Tgt Ion: 82 Resp: 115

Ion Ratio Lower Upper

82 100

128 175.0 150.0 225.0

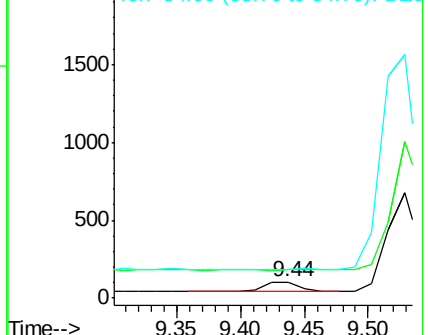
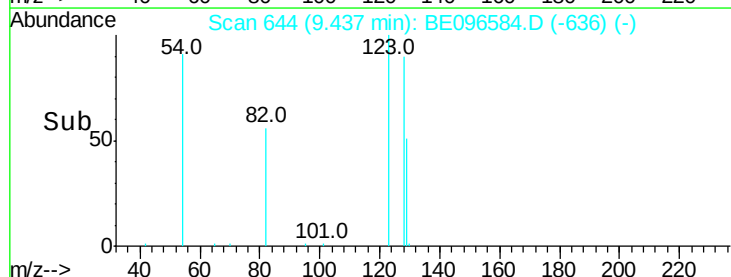
54 176.9 154.2 231.4

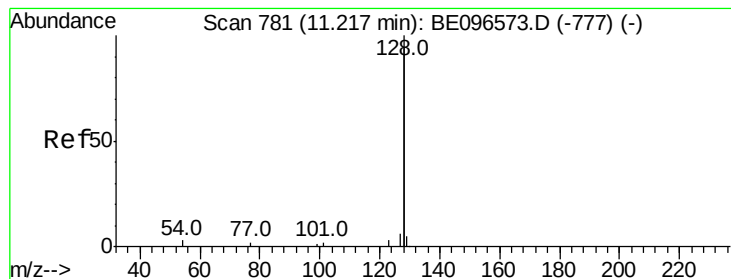


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.352 ng

RT: 11.22 min Scan# 781

Delta R.T. -0.00 min

Lab File: BE096584.D

Acq: 15 May 2018 18:48

Instrument :

BNA_E

ClientSampleId :

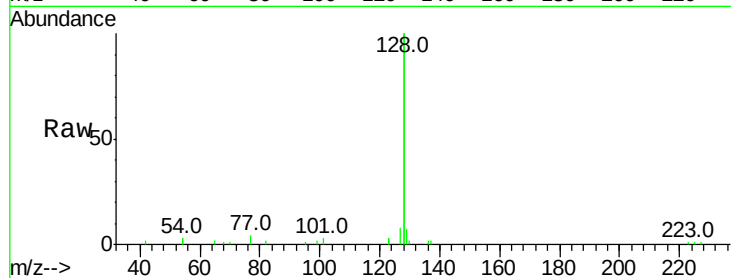
Tot Ion:128 Resp: 11519

Ion Ratio Lower Upper

128 100

129 3.6 2.6 3.8

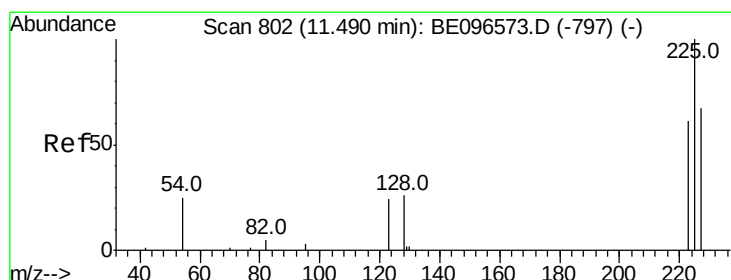
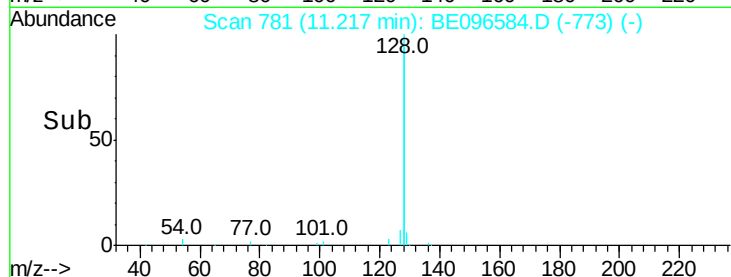
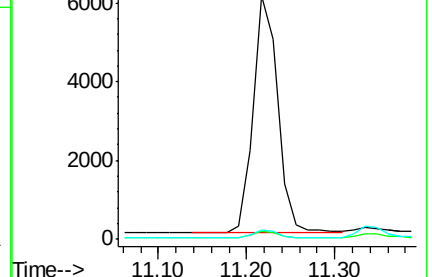
127 4.0 2.8 4.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.277 ng

RT: 11.49 min Scan# 802

Delta R.T. -0.00 min

Lab File: BE096584.D

Acq: 15 May 2018 18:48

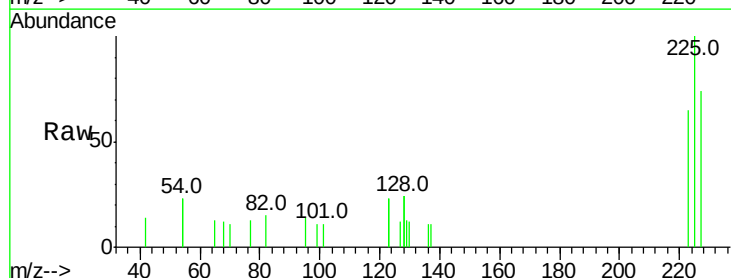
Tgt Ion:225 Resp: 508

Ion Ratio Lower Upper

225 100

223 61.6 53.0 79.6

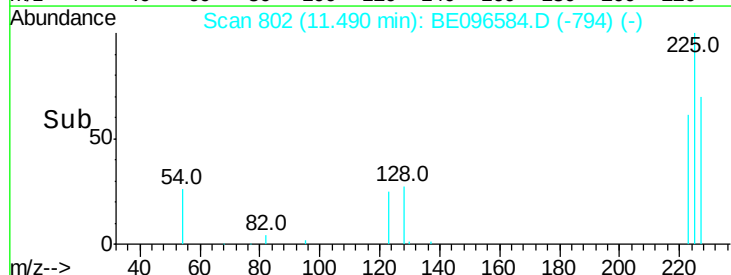
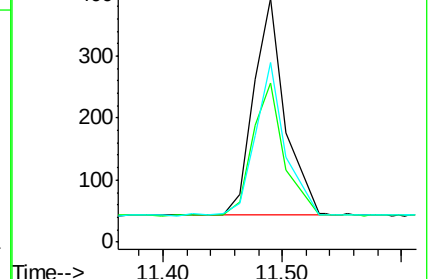
227 72.4 51.4 77.2

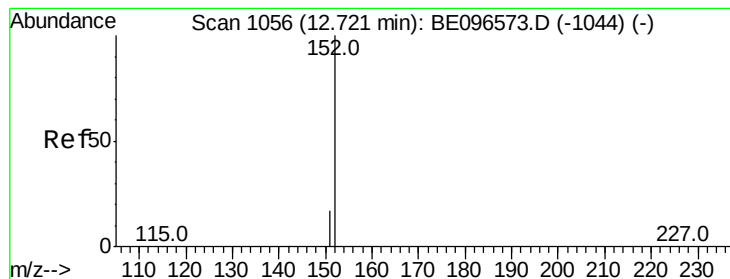


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.322 ng

RT: 12.72 min Scan# 1055

Delta R.T. -0.01 min

Lab File: BE096584.D

Acq: 15 May 2018 18:48

Instrument :

BNA_E

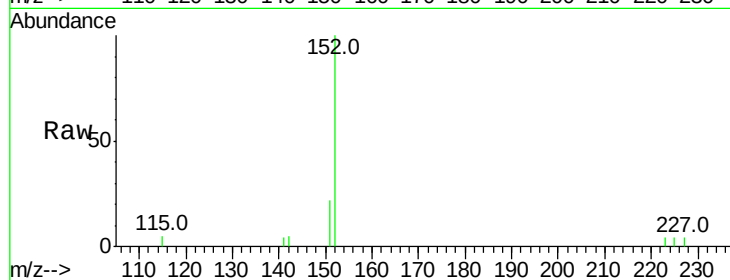
ClientSampleId :

Tot Ion:152 Resp: 1637

Ion Ratio Lower Upper

152 100

151 20.6 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

1200

1000

800

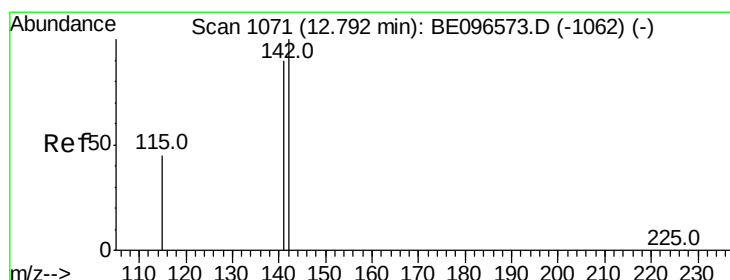
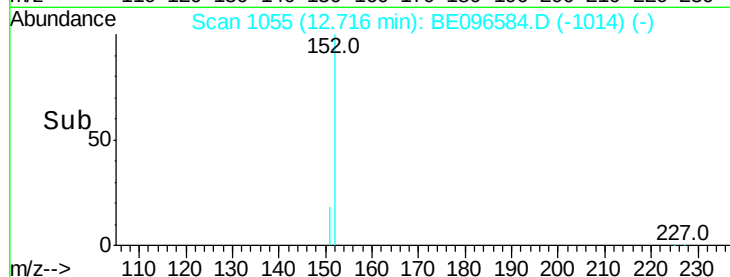
600

400

200

0

Time--> 12.65 12.70 12.75 12.80



#12

2-Methylnaphthalene

Concen: 0.339 ng

RT: 12.79 min Scan# 1070

Delta R.T. -0.01 min

Lab File: BE096584.D

Acq: 15 May 2018 18:48

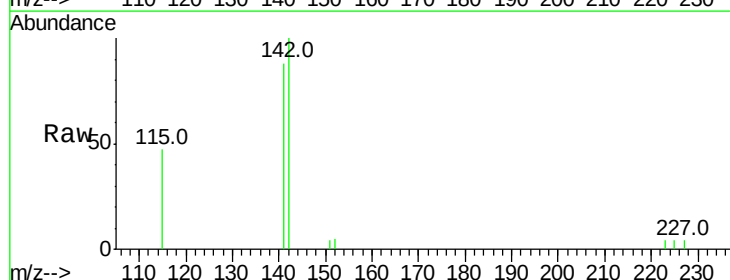
Tgt Ion:142 Resp: 1904

Ion Ratio Lower Upper

142 100

141 88.0 70.4 105.6

115 46.7 31.7 47.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

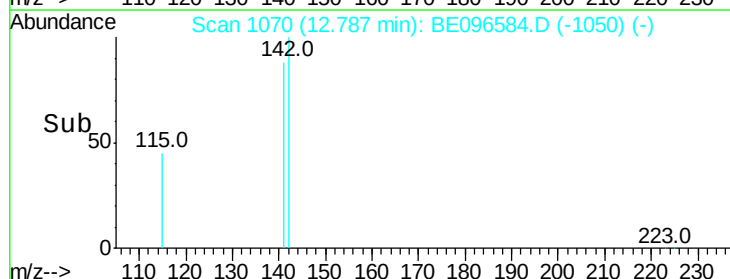
1500

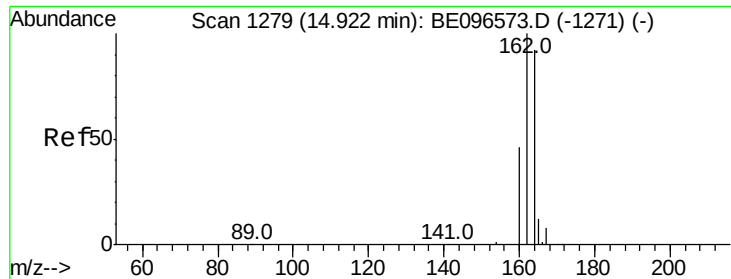
1000

500

0

Time--> 12.70 12.80 12.90

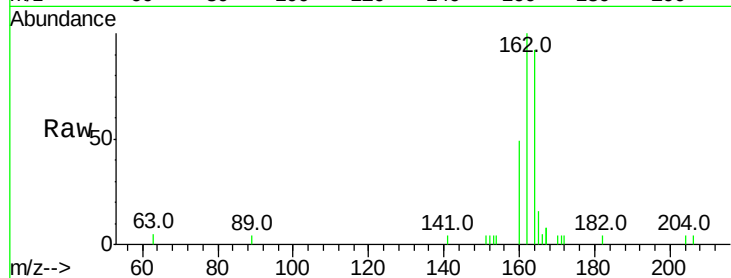




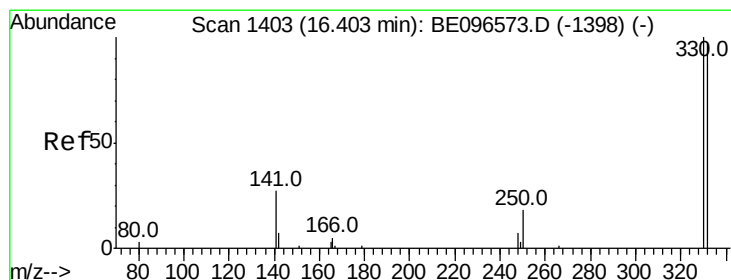
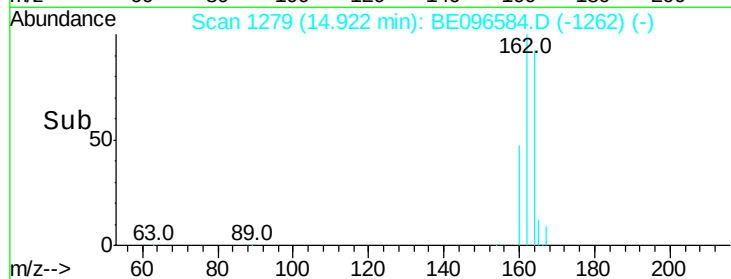
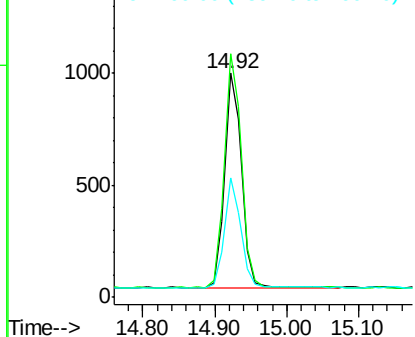
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.92 min Scan# 1279
 Delta R.T. -0.00 min
 Lab File: BE096584.D
 Acq: 15 May 2018 18:48

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:164 Resp: 1562
 Ion Ratio Lower Upper
 164 100
 162 108.7 83.1 124.7
 160 53.1 37.1 55.7

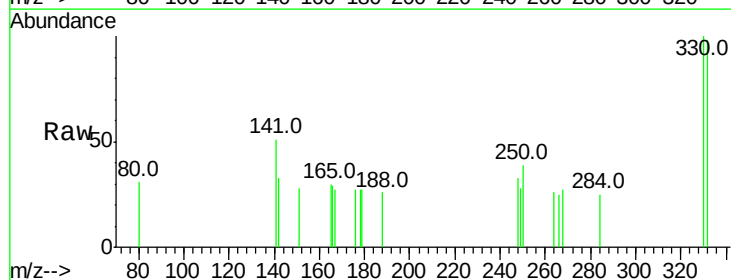


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

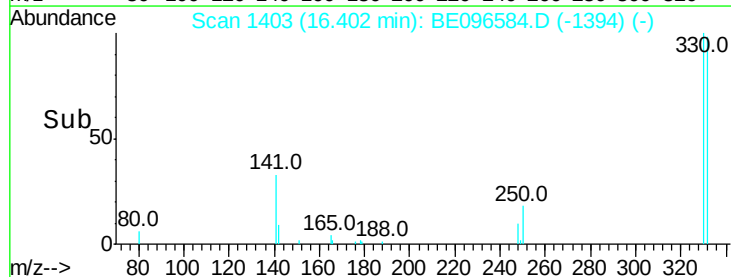
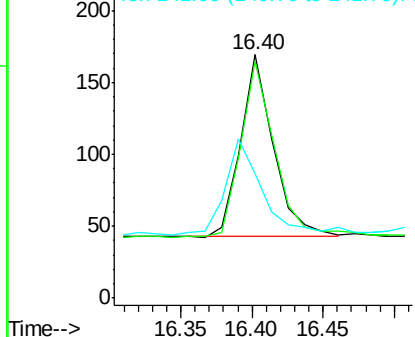


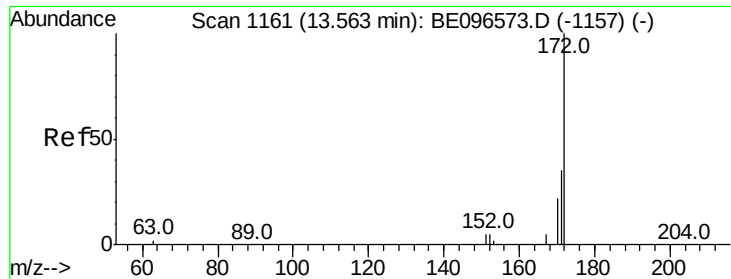
#14
 2,4,6-Tribromophenol
 Concen: 0.326 ng
 RT: 16.40 min Scan# 1403
 Delta R.T. 0.00 min
 Lab File: BE096584.D
 Acq: 15 May 2018 18:48

Tgt Ion:330 Resp: 201
 Ion Ratio Lower Upper
 330 100
 332 100.5 152.7 229.1#
 141 59.2 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

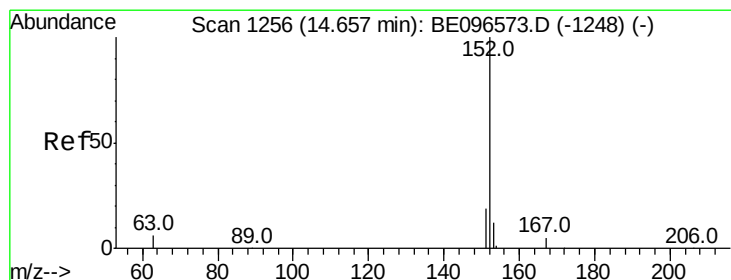
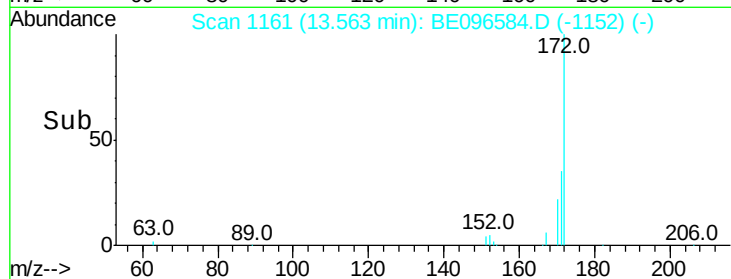
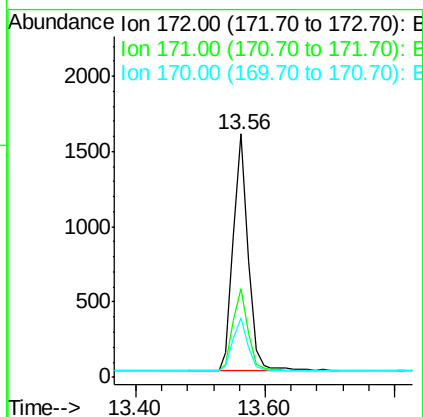
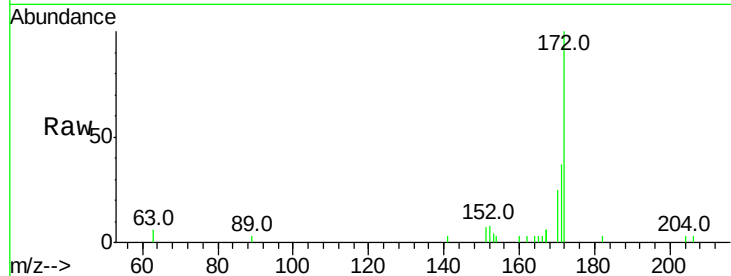




#15
2-Fluorobiphenyl
Concen: 0.372 ng
RT: 13.56 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BE096584.D
Acq: 15 May 2018 18:48

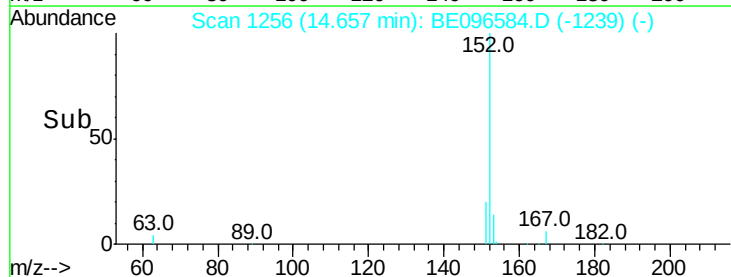
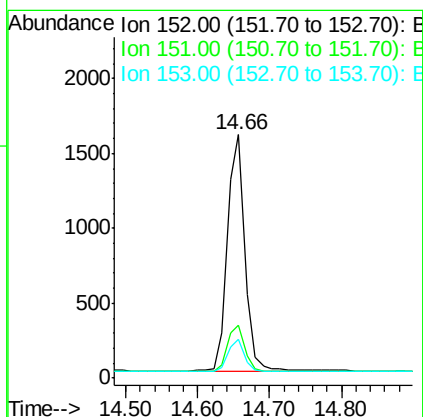
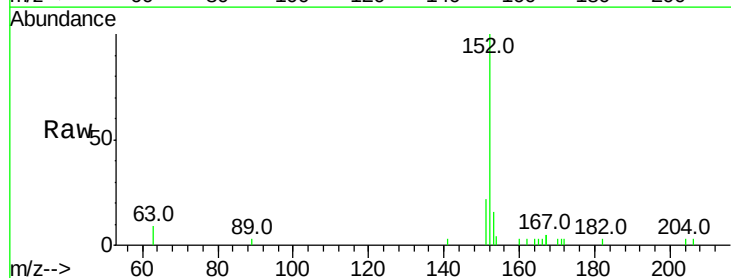
Instrument :
BNA_E
ClientSampleId :

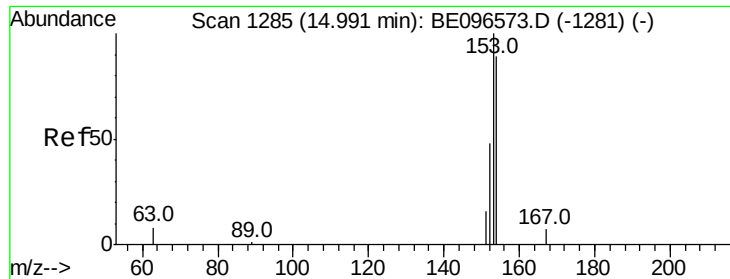
Tot Ion:172 Resp: 2494
Ion Ratio Lower Upper
172 100
171 36.5 29.9 44.9
170 24.5 21.8 32.8



#16
Acenaphthylene
Concen: 0.327 ng
RT: 14.66 min Scan# 1256
Delta R.T. -0.00 min
Lab File: BE096584.D
Acq: 15 May 2018 18:48

Tgt Ion:152 Resp: 2665
Ion Ratio Lower Upper
152 100
151 20.5 15.7 23.5
153 13.0 10.5 15.7





#17

Acenaphthene

Concen: 0.325 ng

RT: 14.99 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BE096584.D

Acq: 15 May 2018 18:48

Instrument :

BNA_E

ClientSampleId :

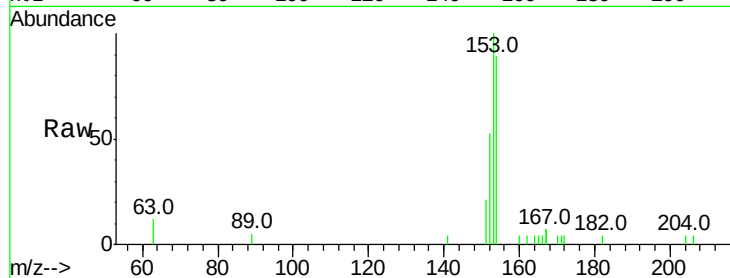
Tot Ion:154 Resp: 1615

Ion Ratio Lower Upper

154 100

153 119.4 89.2 133.8

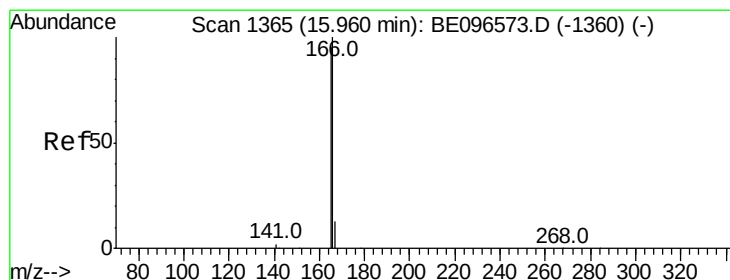
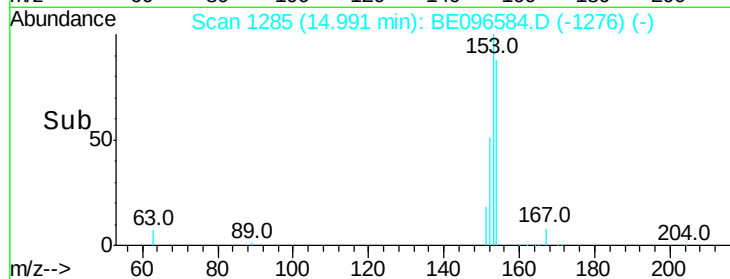
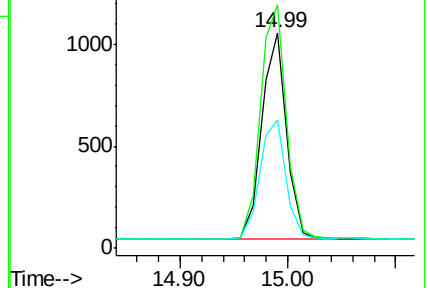
152 61.1 42.0 63.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.420 ng

RT: 15.96 min Scan# 1365

Delta R.T. -0.00 min

Lab File: BE096584.D

Acq: 15 May 2018 18:48

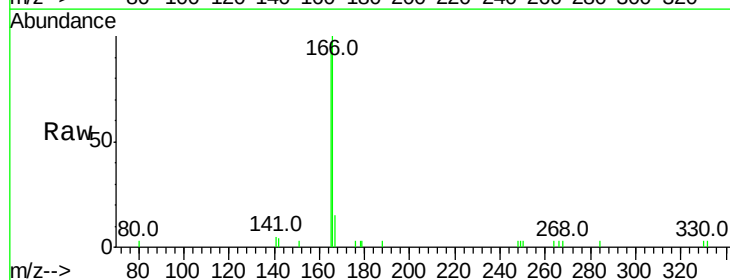
Tgt Ion:166 Resp: 2598

Ion Ratio Lower Upper

166 100

165 96.0 77.8 116.6

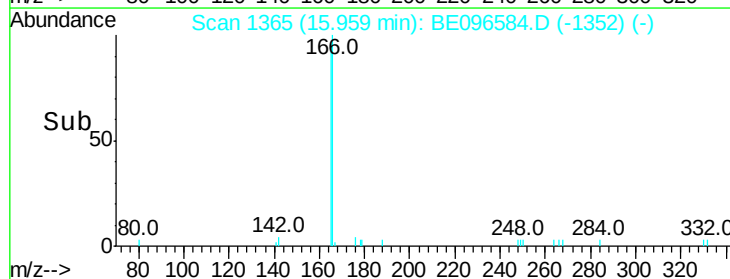
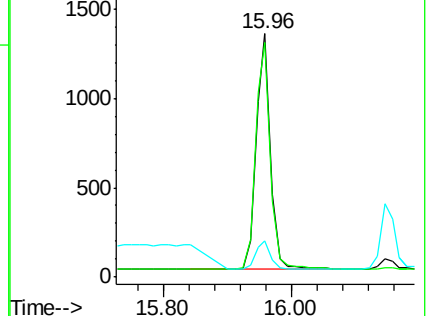
167 10.2 42.4 63.6#

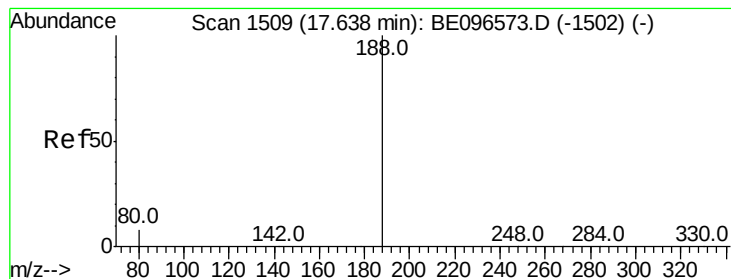


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.64 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BE096584.D

Acq: 15 May 2018 18:48

Instrument :

BNA_E

ClientSampleId :

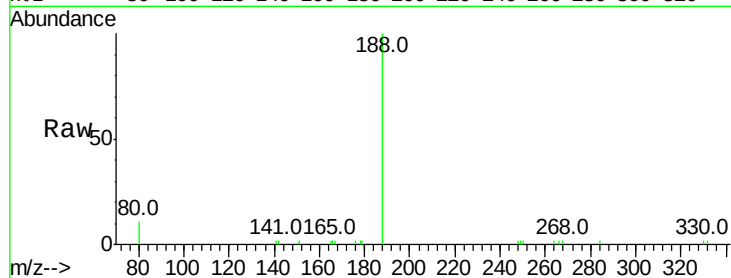
Tot Ion:188 Resp: 3212

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

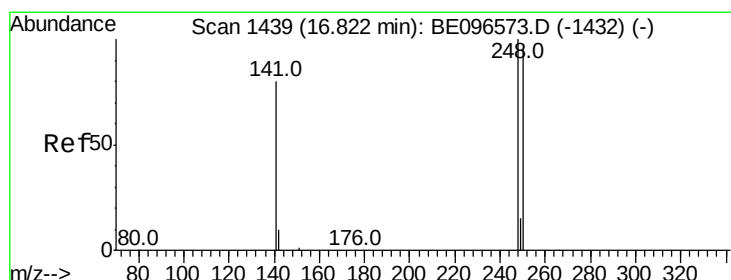
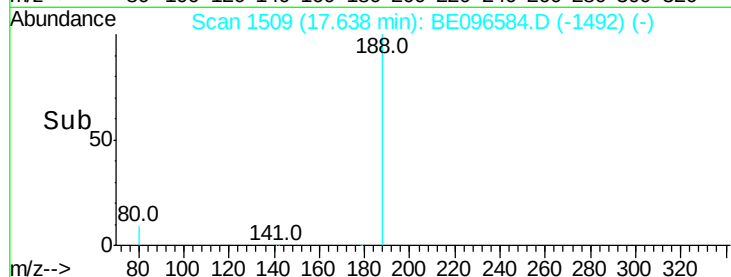
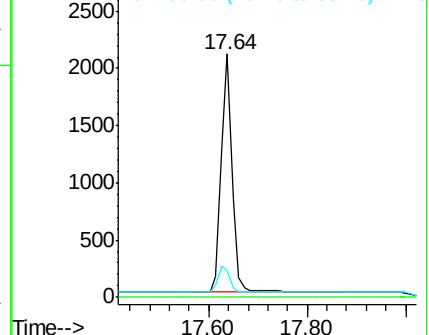
80 11.0 3.6 5.4#



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



#20

4-Bromophenyl-phenylether

Concen: 0.322 ng

RT: 16.82 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BE096584.D

Acq: 15 May 2018 18:48

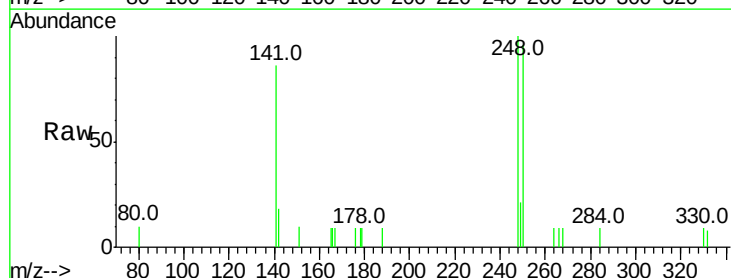
Tgt Ion:248 Resp: 628

Ion Ratio Lower Upper

248 100

250 95.8 62.7 94.1#

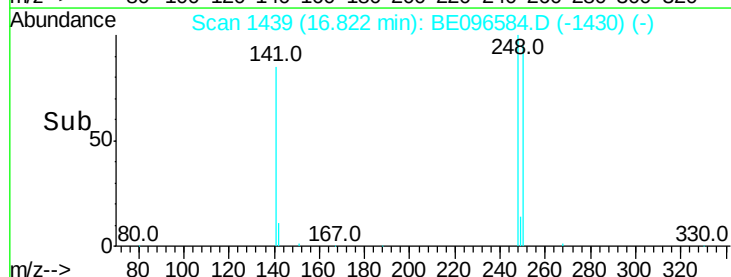
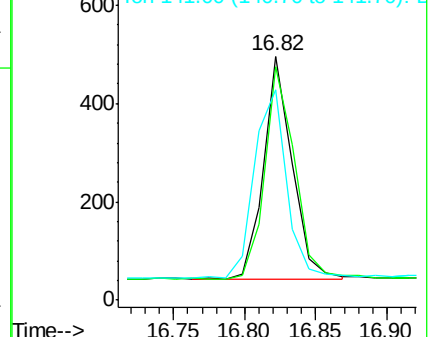
141 86.5 48.2 72.2#

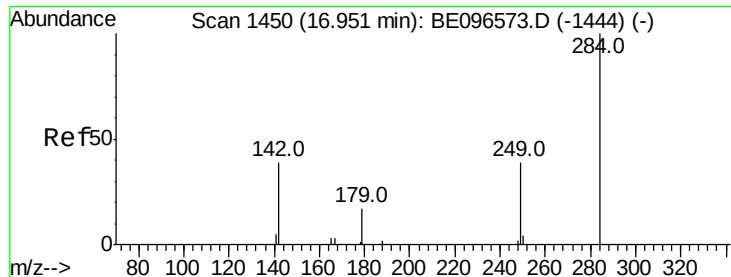


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

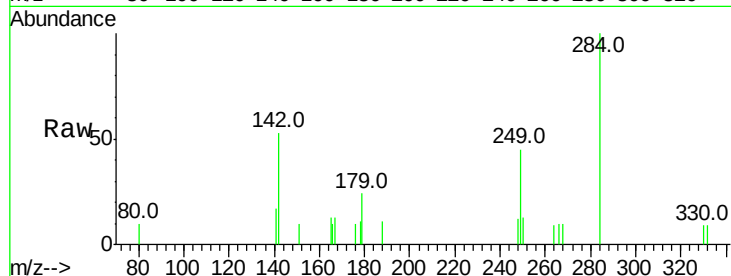




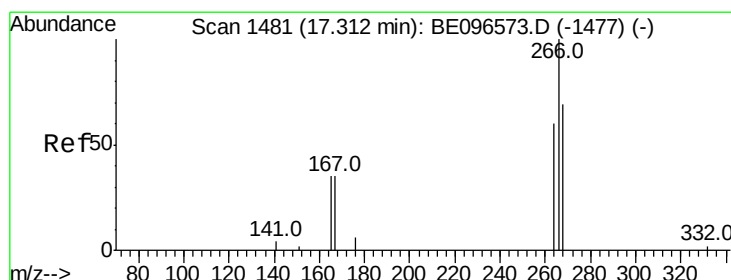
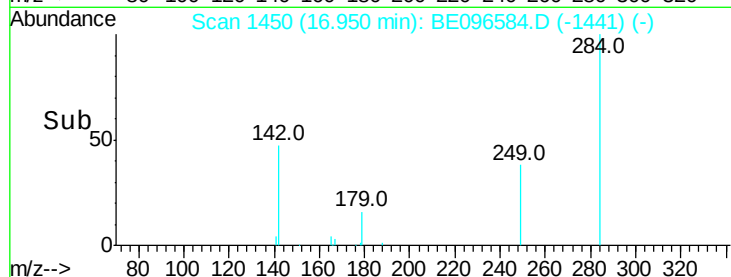
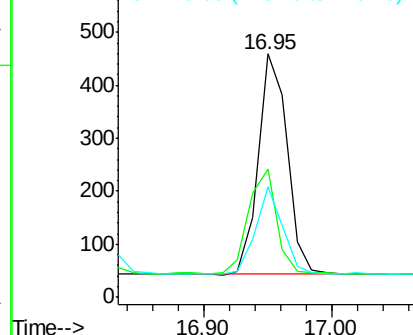
#21
Hexachlorobenzene
Concen: 0.322 ng
RT: 16.95 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BE096584.D
Acq: 15 May 2018 18:48

Instrument :
BNA_E
ClientSampleId :

Tot Ion:284 Resp: 654
Ion Ratio Lower Upper
284 100
142 45.7 22.1 33.1#
249 37.0 34.8 52.2

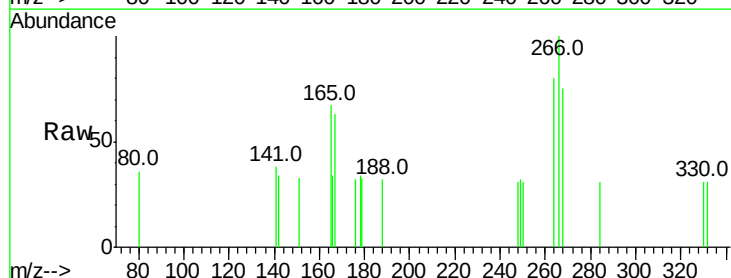


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

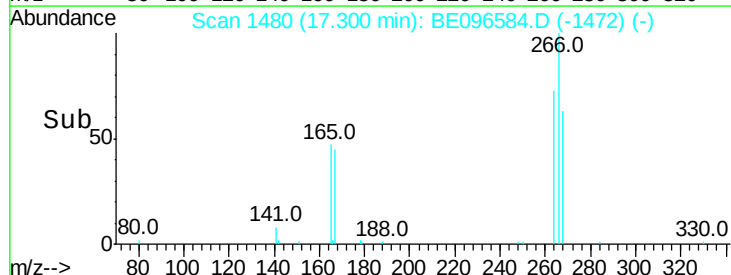
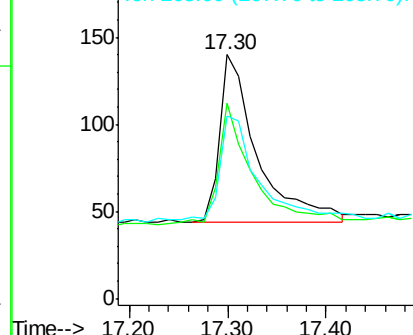


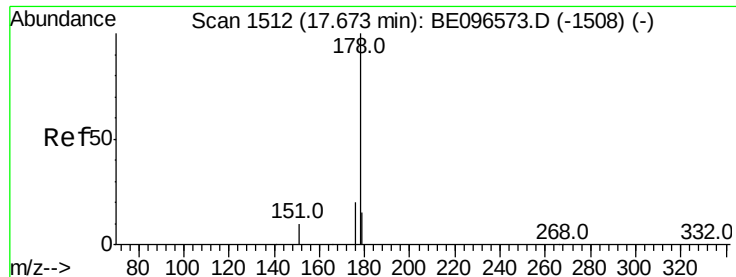
#22
Pentachlorophenol
Concen: 0.569 ng
RT: 17.30 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BE096584.D
Acq: 15 May 2018 18:48

Tgt Ion:266 Resp: 253
Ion Ratio Lower Upper
266 100
264 80.0 72.5 108.7
268 75.0 73.8 110.6



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.344 ng

RT: 17.67 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BE096584.D

Acq: 15 May 2018 18:48

Instrument :

BNA_E

ClientSampled :

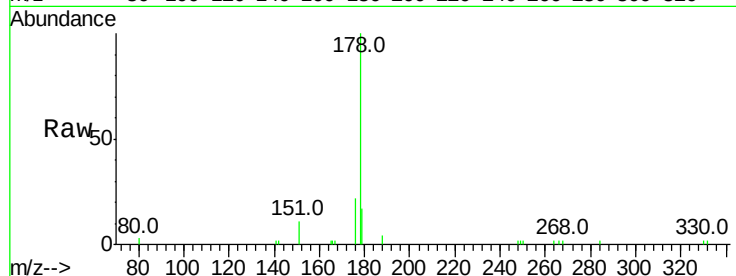
Tot Ion:178 Resp: 3103

Ion Ratio Lower Upper

178 100

176 19.7 15.1 22.7

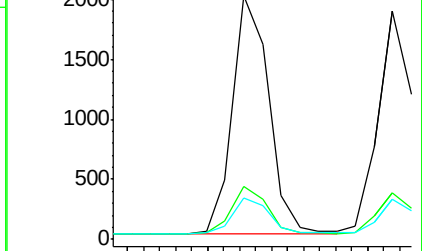
179 15.1 11.8 17.6



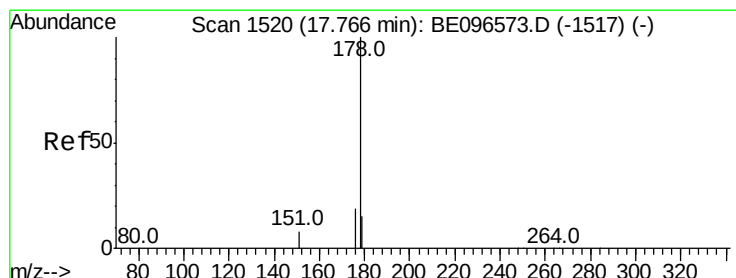
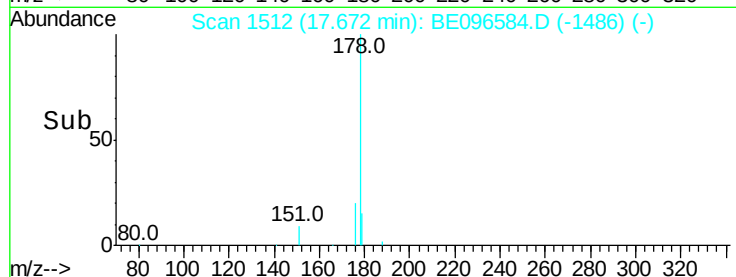
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#24

Anthracene

Concen: 0.344 ng

RT: 17.77 min Scan# 1520

Delta R.T. -0.00 min

Lab File: BE096584.D

Acq: 15 May 2018 18:48

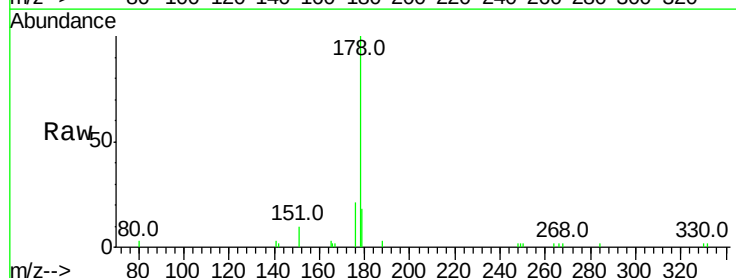
Tgt Ion:178 Resp: 2885

Ion Ratio Lower Upper

178 100

176 18.9 12.8 19.2

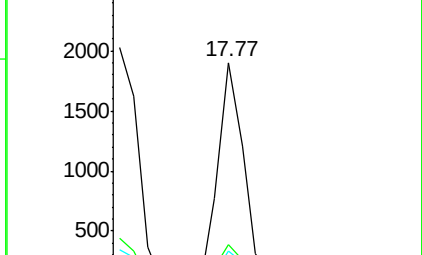
179 14.9 13.0 19.6



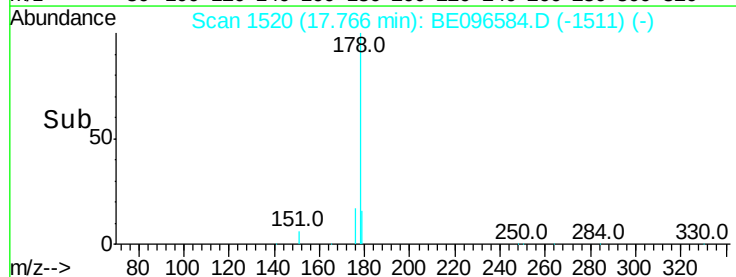
Abundance Ion 178.00 (177.70 to 178.70): E

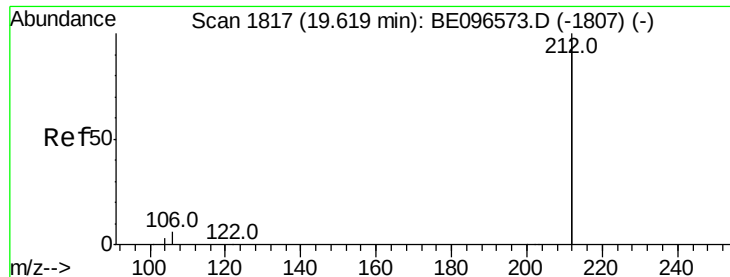
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





#25

Fluoranthene-d10

Concen: 0.349 ng

RT: 19.62 min Scan# 1817

Delta R.T. -0.00 min

Lab File: BE096584.D

Acq: 15 May 2018 18:48

Instrument :

BNA_E

ClientSampleId :

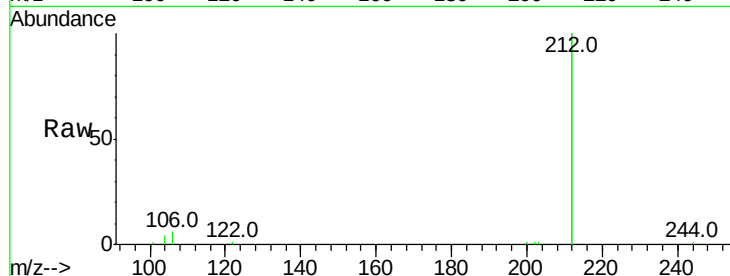
Tot Ion:212 Resp: 13722

Ion Ratio Lower Upper

212 100

106 2.7 2.8 4.2#

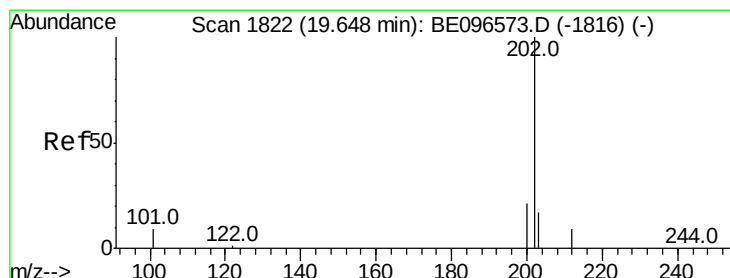
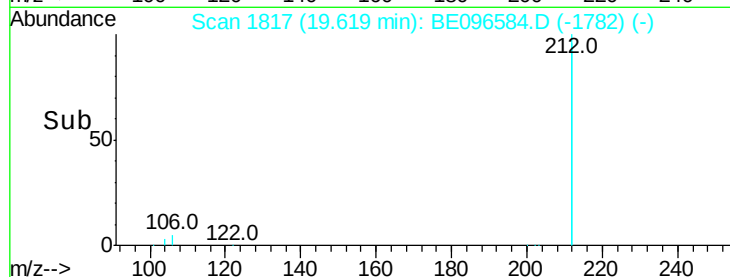
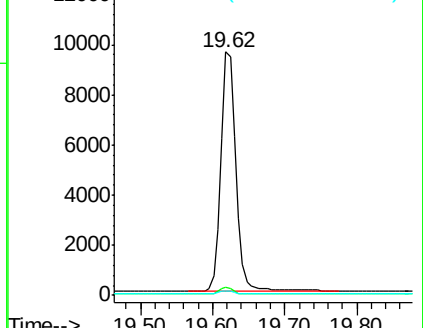
104 1.5 1.6 2.4#



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: 0.346 ng

RT: 19.65 min Scan# 1823

Delta R.T. 0.01 min

Lab File: BE096584.D

Acq: 15 May 2018 18:48

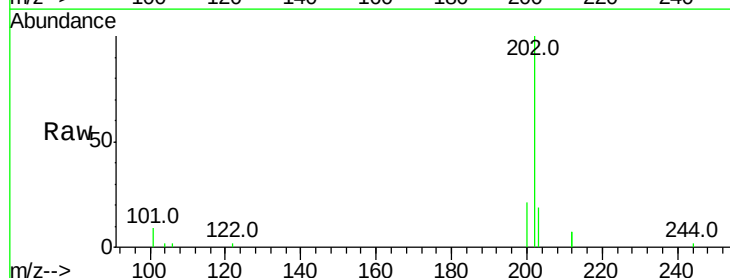
Tgt Ion:202 Resp: 3730

Ion Ratio Lower Upper

202 100

101 9.7 9.8 14.8#

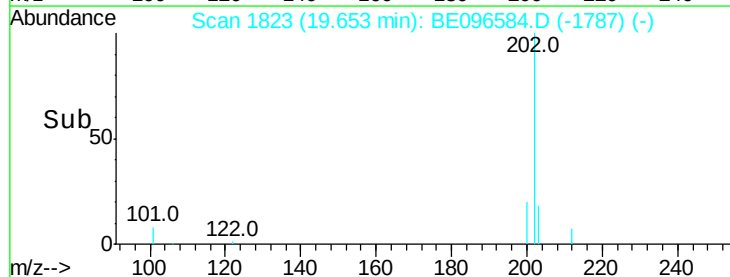
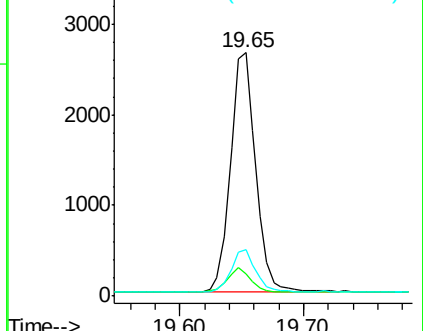
203 16.7 13.7 20.5

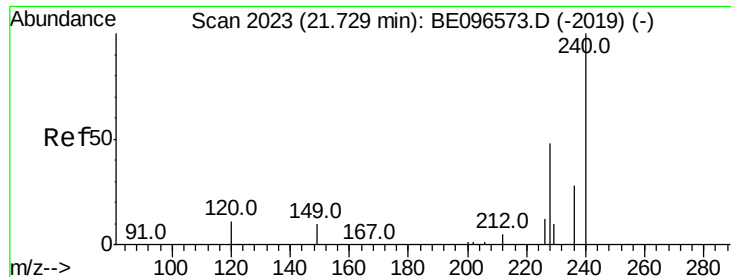


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.73 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BE096584.D

Acq: 15 May 2018 18:48

Instrument :

BNA_E

ClientSampleId :

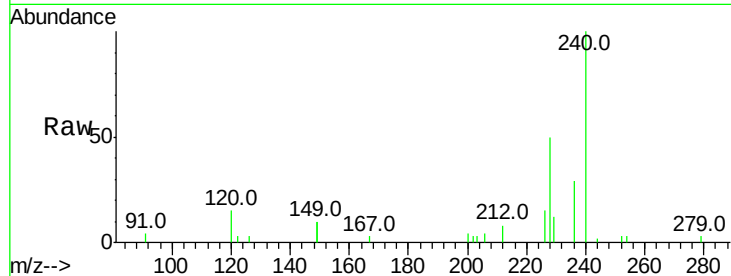
Tot Ion:240 Resp: 3378

Ion Ratio Lower Upper

240 100

120 14.6 5.5 8.3#

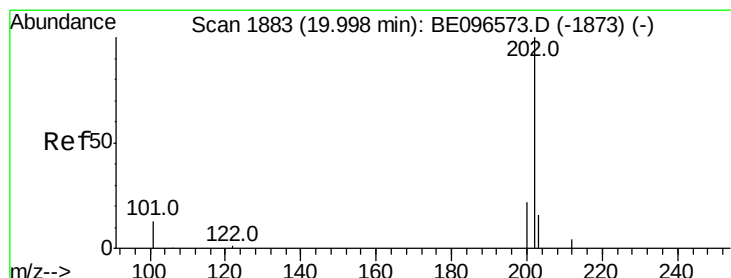
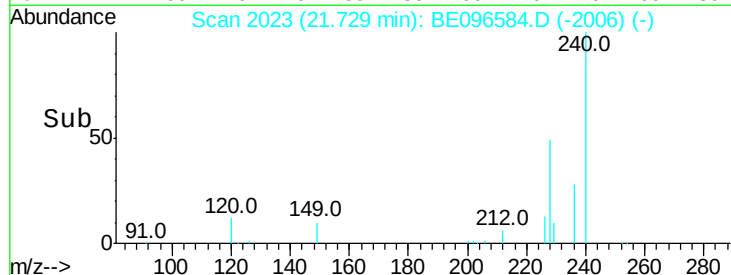
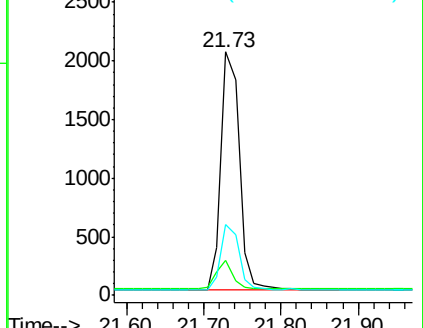
236 29.3 20.7 31.1



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



#28

Pyrene

Concen: 0.275 ng

RT: 20.00 min Scan# 1883

Delta R.T. -0.00 min

Lab File: BE096584.D

Acq: 15 May 2018 18:48

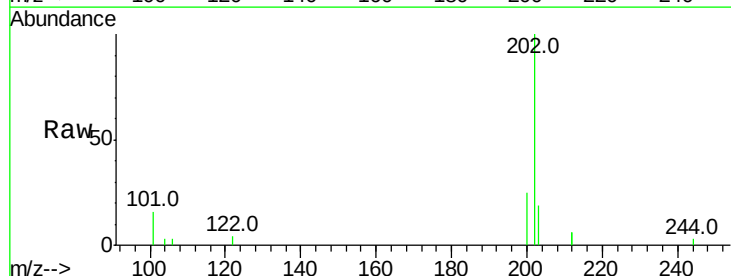
Tgt Ion:202 Resp: 1678

Ion Ratio Lower Upper

202 100

200 22.7 16.6 25.0

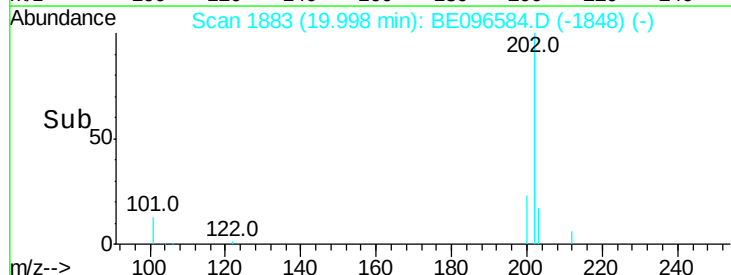
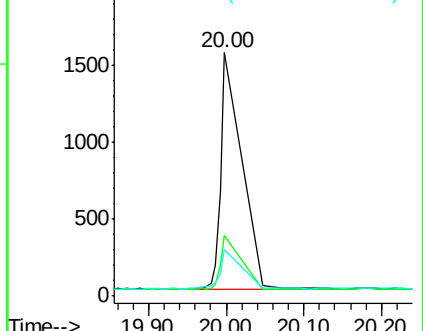
203 18.1 13.8 20.8

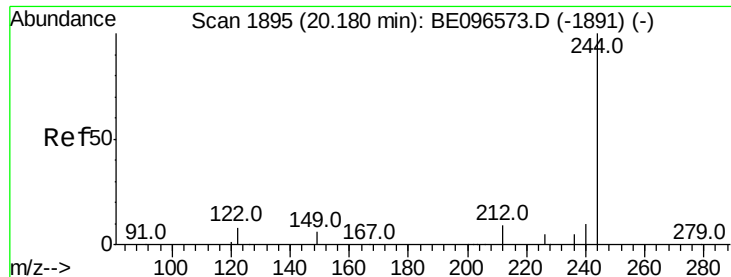


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.333 ng

RT: 20.18 min Scan# 1895

Delta R.T. -0.00 min

Lab File: BE096584.D

Acq: 15 May 2018 18:48

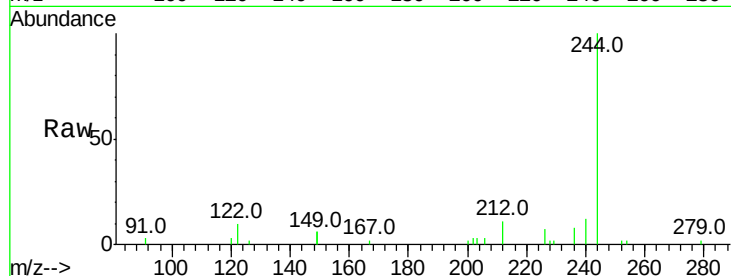
Instrument :

BNA_E

ClientSampled :

Tot Ion:244 Resp: 2544

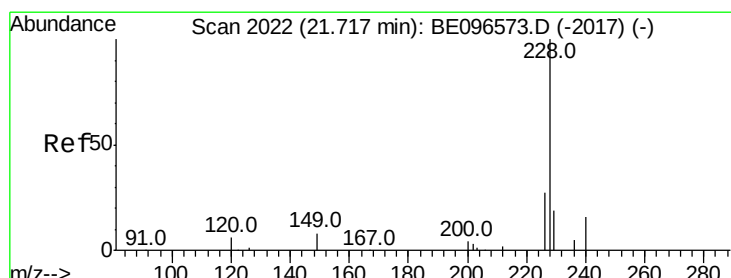
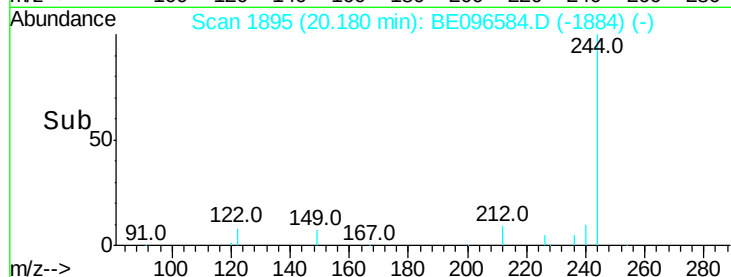
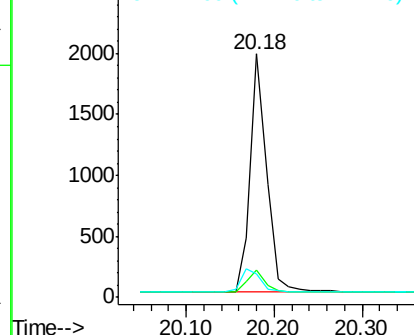
Ion	Ratio	Lower	Upper
244	100		
212	11.2	25.4	38.0#
122	9.8	8.1	12.1



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



#30

Benzo(a)anthracene

Concen: 0.361 ng

RT: 21.72 min Scan# 222

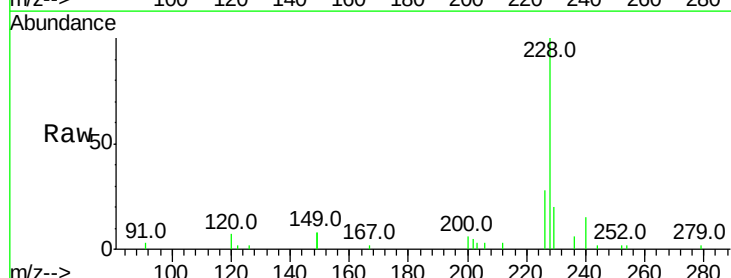
Delta R.T. -0.00 min

Lab File: BE096584.D

Acq: 15 May 2018 18:48

Tgt Ion:228 Resp: 3750

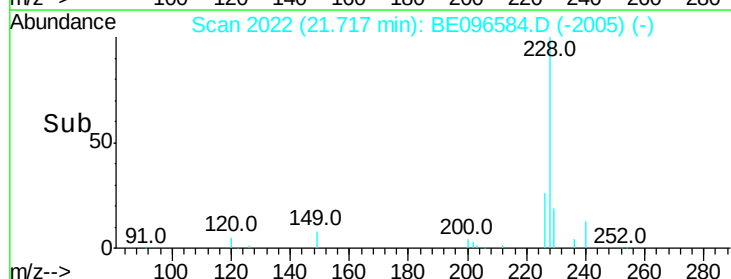
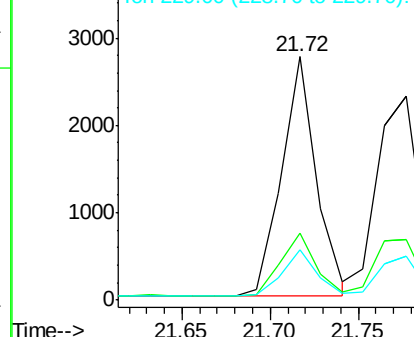
Ion	Ratio	Lower	Upper
228	100		
226	27.5	24.0	36.0
229	20.4	16.0	24.0

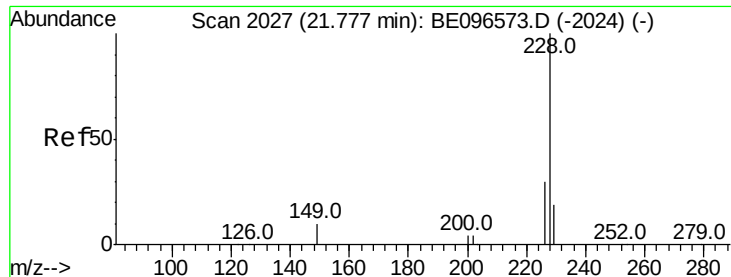


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.347 ng

RT: 21.78 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BE096584.D

Acq: 15 May 2018 18:48

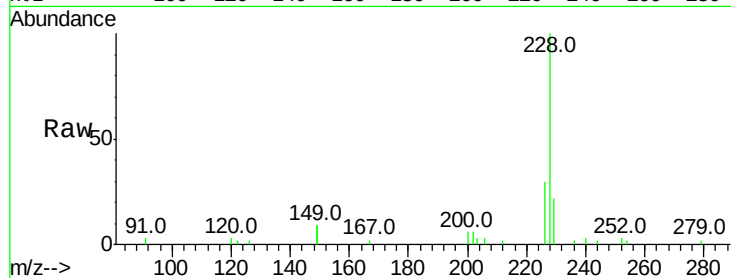
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 3755

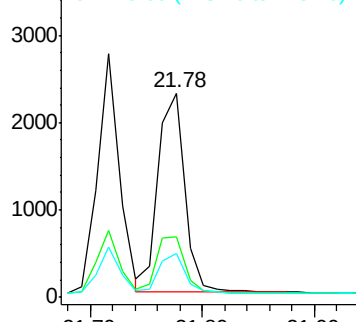
Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.0	36.0
229	21.8	16.0	24.0



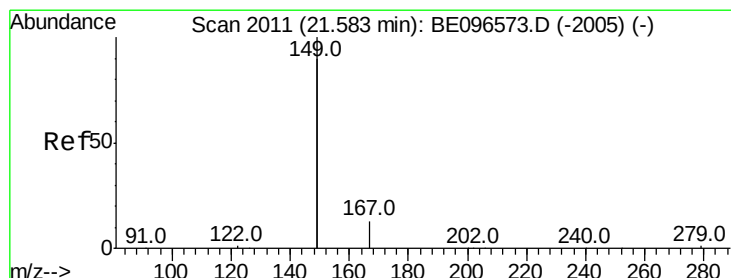
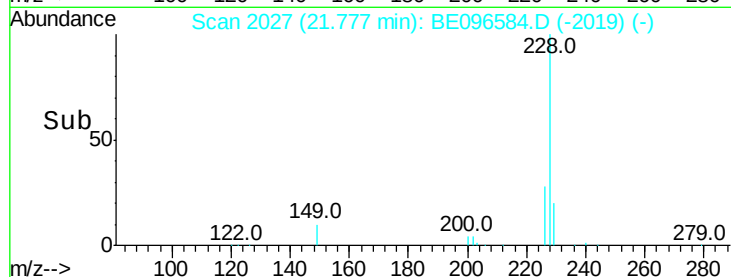
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.322 ng

RT: 21.58 min Scan# 2011

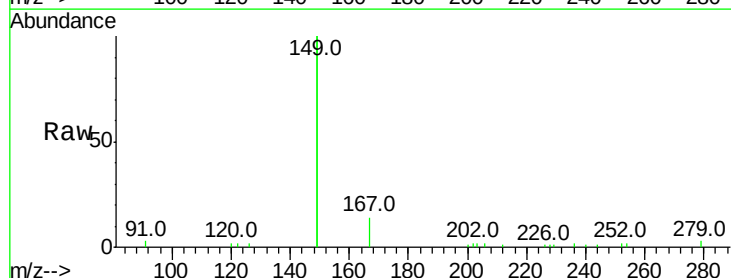
Delta R.T. -0.00 min

Lab File: BE096584.D

Acq: 15 May 2018 18:48

Tgt Ion:149 Resp: 7148

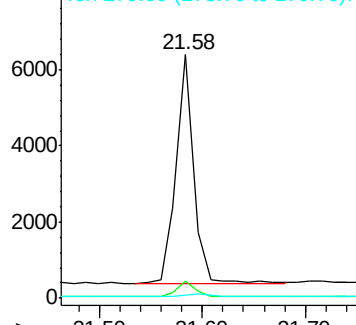
Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.4	8.0
279	1.0	0.7	1.1



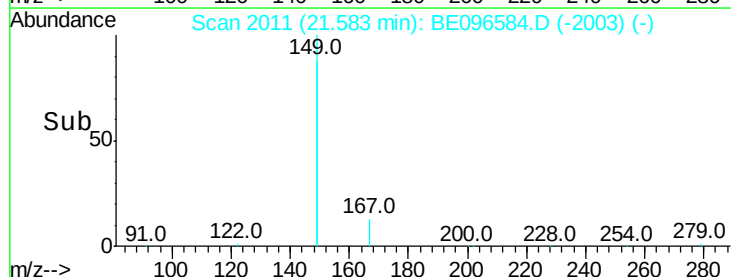
Abundance Ion 149.00 (148.70 to 149.70): E

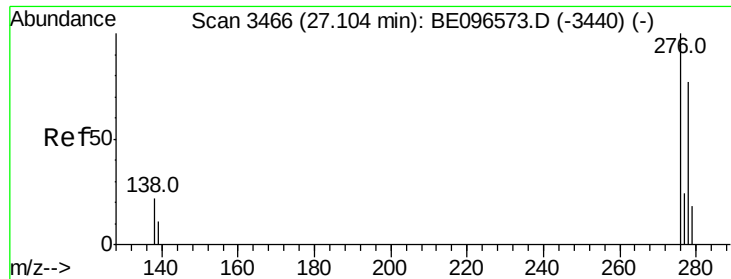
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.393 ng

RT: 27.10 min Scan# 3465

Delta R.T. -0.00 min

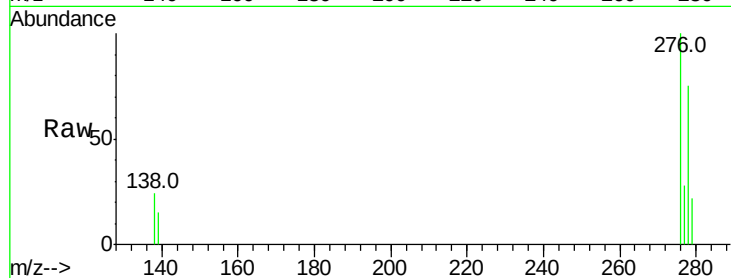
Lab File: BE096584.D

Acq: 15 May 2018 18:48

Instrument :

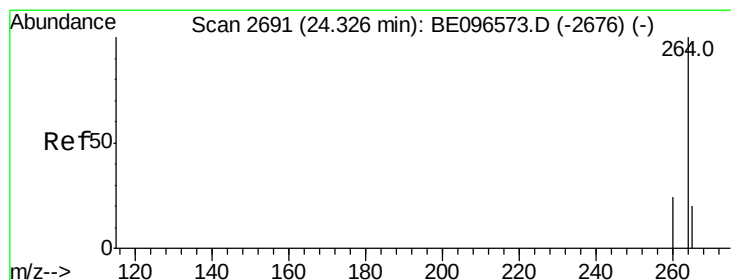
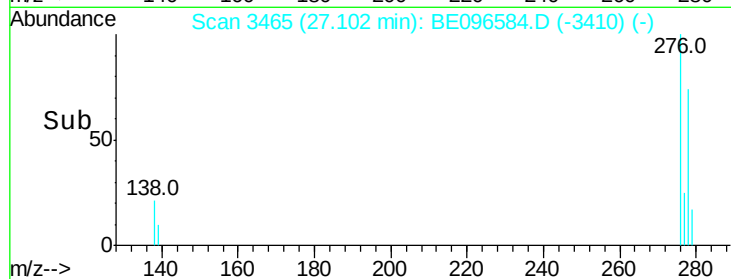
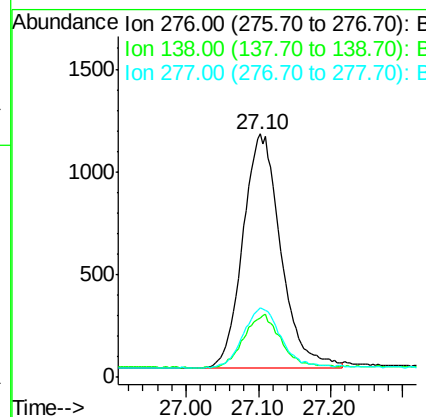
BNA_E

ClientSampleId :



Tot Ion:276 Resp: 4075

Ion	Ratio	Lower	Upper
276	100		
138	21.9	22.5	33.7#
277	25.6	19.9	29.9



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.33 min Scan# 2692

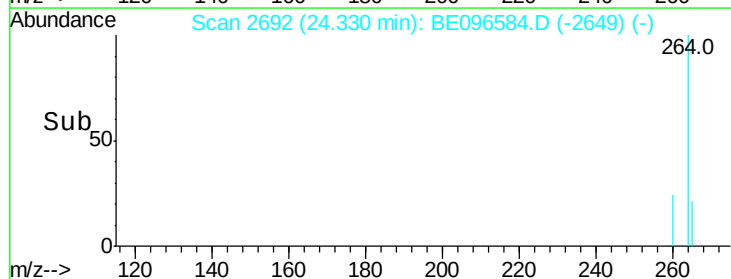
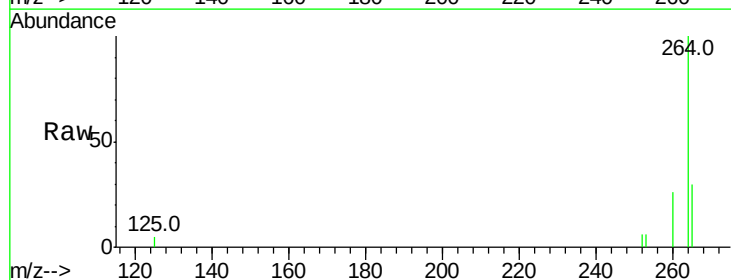
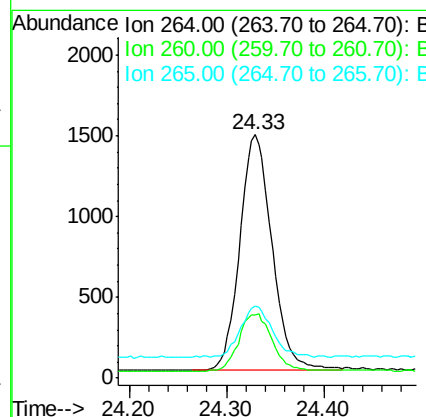
Delta R.T. 0.00 min

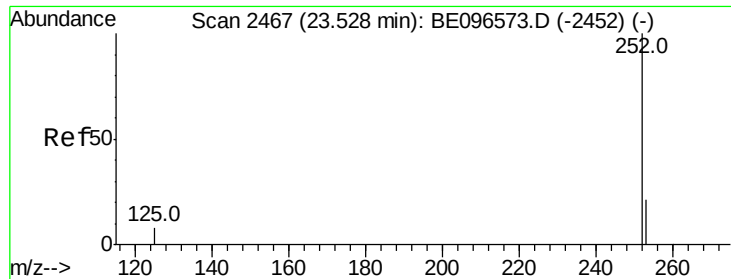
Lab File: BE096584.D

Acq: 15 May 2018 18:48

Tgt Ion:264 Resp: 3374

Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.5	30.7
265	29.6	22.8	34.2





#35

Benzo(b)fluoranthene

Concen: 0.358 ng

RT: 23.52 min Scan# 2466

Delta R.T. -0.00 min

Lab File: BE096584.D

Acq: 15 May 2018 18:48

Instrument :

BNA_E

ClientSampleId :

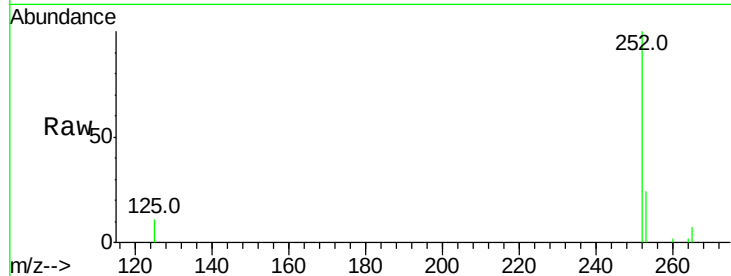
Tot Ion:252 Resp: 3727

Ion Ratio Lower Upper

252 100

253 24.4 20.0 30.0

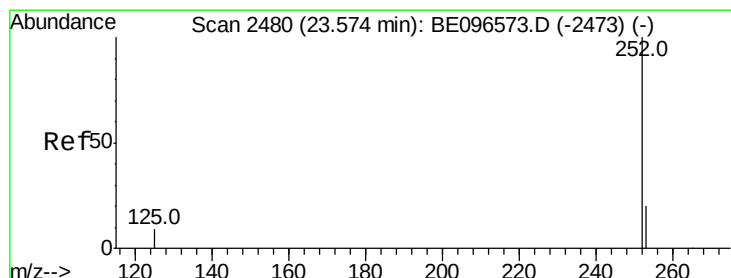
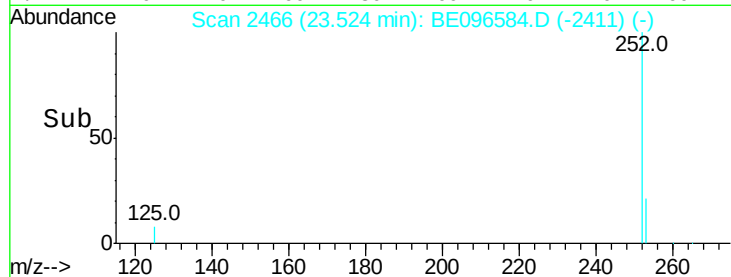
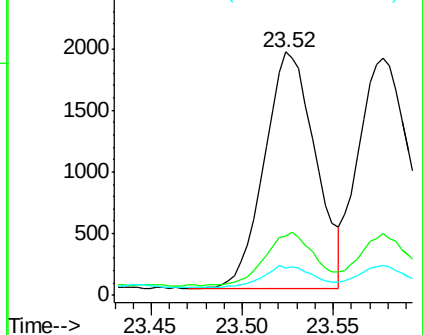
125 11.4 16.0 24.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.343 ng

RT: 23.58 min Scan# 2481

Delta R.T. 0.00 min

Lab File: BE096584.D

Acq: 15 May 2018 18:48

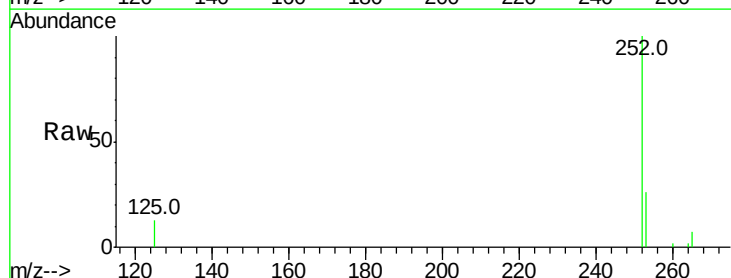
Tgt Ion:252 Resp: 3776

Ion Ratio Lower Upper

252 100

253 25.8 16.0 24.0#

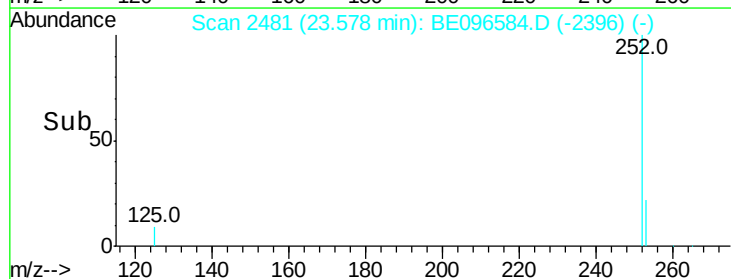
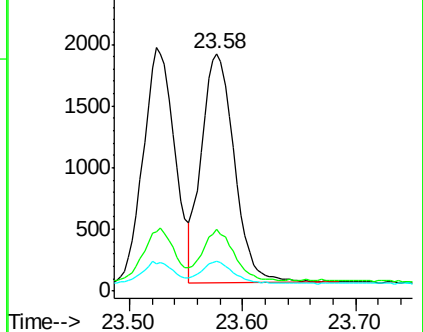
125 12.6 8.0 12.0#

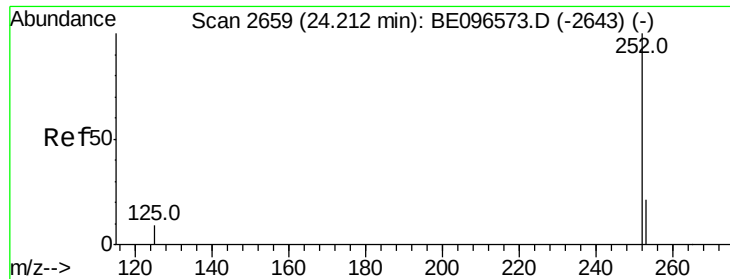


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

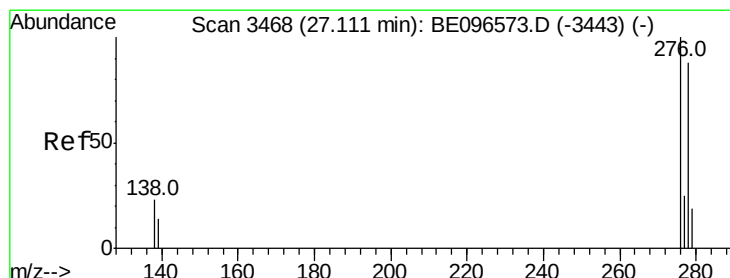
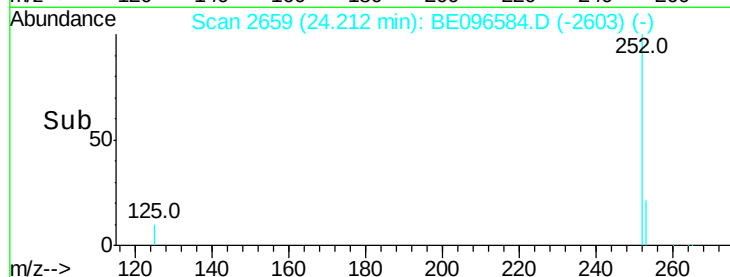
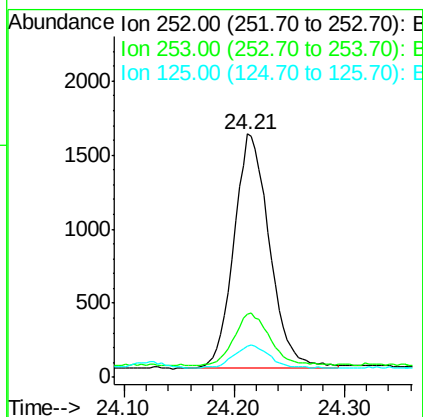
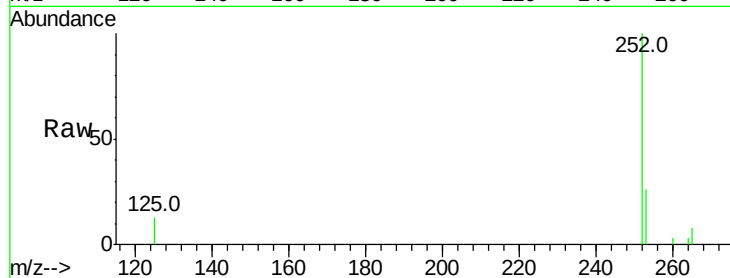




#37
Benzo(a)pyrene
Concen: 0.358 ng
RT: 24.21 min Scan# 2659
Delta R.T. -0.00 min
Lab File: BE096584.D
Acq: 15 May 2018 18:48

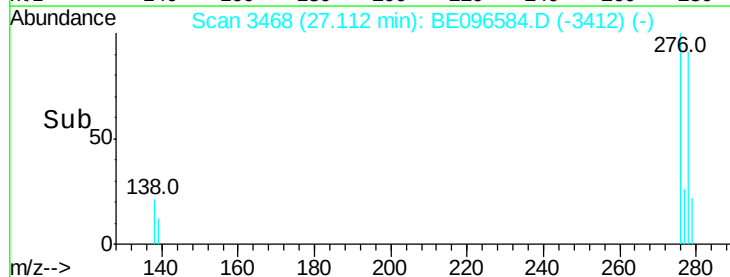
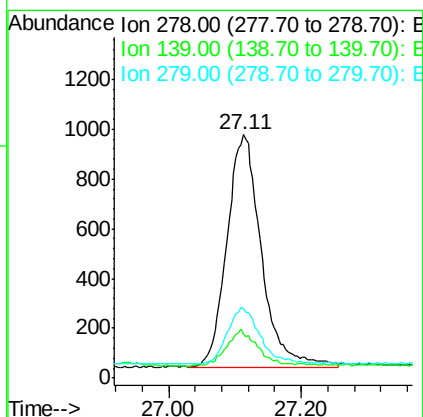
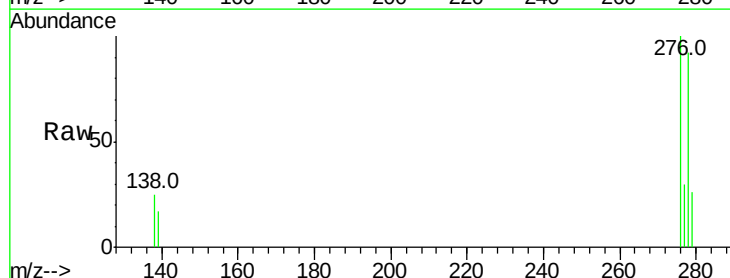
Instrument :
BNA_E
ClientSampleId :

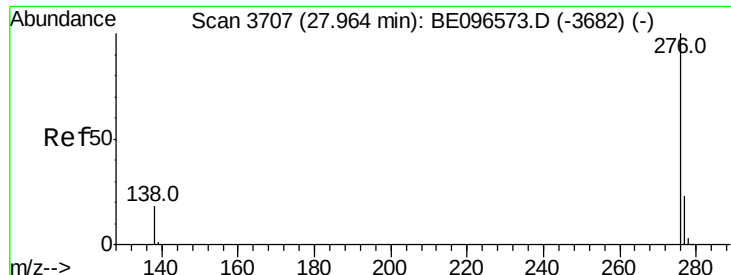
Tot Ion:252 Resp: 3561
Ion Ratio Lower Upper
252 100
253 25.7 16.0 24.0#
125 13.0 12.0 18.0



#38
Dibenzo(a,h)anthracene
Concen: 0.370 ng
RT: 27.11 min Scan# 3468
Delta R.T. 0.00 min
Lab File: BE096584.D
Acq: 15 May 2018 18:48

Tgt Ion:278 Resp: 3363
Ion Ratio Lower Upper
278 100
139 18.3 16.0 24.0
279 28.6 20.0 30.0





#39

Benzo(a,h,i)perylene

Concen: 0.368 ng

RT: 27.96 min Scan# 3706

Delta R.T. -0.00 min

Lab File: BE096584.D

Acq: 15 May 2018 18:48

Instrument :

BNA_E

ClientSampleId :

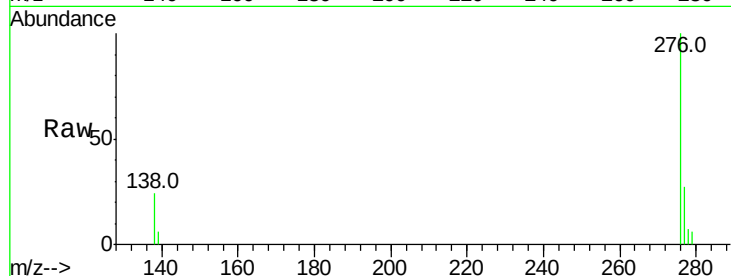
Tot Ion:276 Resp: 3507

Ion Ratio Lower Upper

276 100

277 26.7 16.0 24.0#

138 24.0 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

