

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091918\
 Data File : BE097553.D
 Acq On : 19 Sep 2018 23:08
 Operator : SJ/JU
 Sample : J4958-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 20 05:10:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 19 16:26:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	680	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	2871	0.40	ng	0.01
13) Acenaphthene-d10	14.01	164	1479	0.40	ng	0.01
19) Phenanthrene-d10	16.78	188	4073	0.40	ng	0.02
27) Chrysene-d12	20.98	240	7077	0.40	ng	0.01
34) Perylene-d12	23.21	264	7540	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.05	112	295	0.14	ng	0.01
5) Phenol-d6	6.54	99	2	0.00	ng	-0.06
8) Nitrobenzene-d5	8.55	82	750	0.34	ng	0.03
11) 2-Methylnaphthalene-d10	11.74	152	1488	0.38	ng	0.02
14) 2,4,6-Tribromophenol	15.54	330	152	0.31	ng	0.01
15) 2-Fluorobiphenyl	12.64	172	2430	0.46	ng	0.01
25) Fluoranthene-d10	18.81	212	22155	0.42	ng	0.00
29) Terphenyl-d14	19.42	244	5344	0.41	ng	0.00

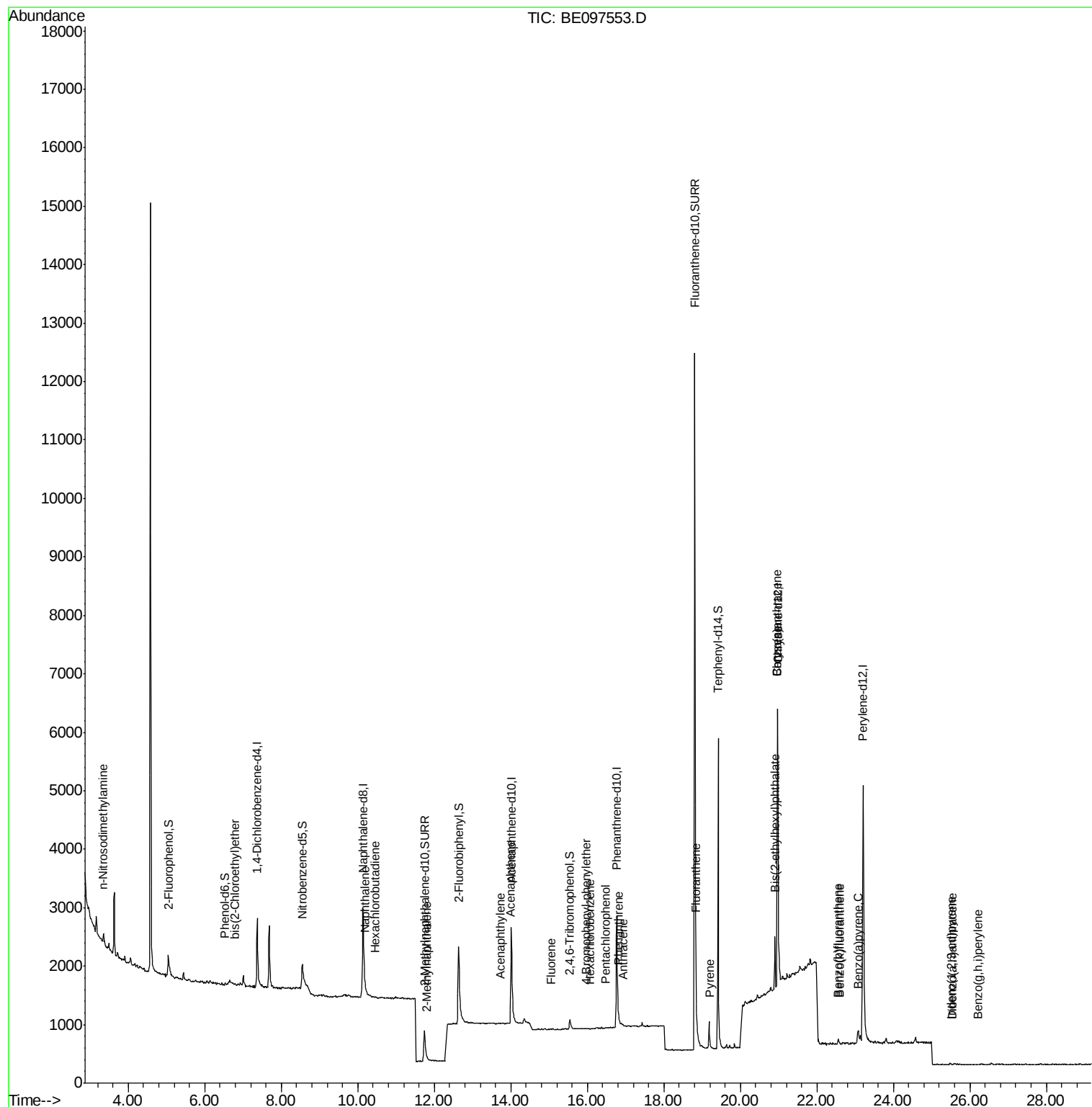
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.35	42	34	0.049	ng	# 1
6) bis(2-Chloroethyl)ether	6.80	93	10	0.004	ng	# 33
9) Naphthalene	10.18	128	154	0.006	ng	# 50
10) Hexachlorobutadiene	10.46	225	2	0.002	ng	# 17
12) 2-Methylnaphthalene	11.82	142	3	0.001	ng	# 58
16) Acenaphthylene	13.74	152	4	0.001	ng	# 61
17) Acenaphthene	14.00	154	13	0.003	ng	# 5
18) Fluorene	15.06	166	10	0.002	ng	# 10
20) 4-Bromophenyl-phenylether	15.98	248	2	0.001	ng	# 57
21) Hexachlorobenzene	16.07	284	1	0.000	ng	# 1
22) Pentachlorophenol	16.48	266	11	0.142	ng	94
23) Phenanthrene	16.81	178	54	0.006	ng	# 76
24) Anthracene	16.93	178	14	0.002	ng	# 62
26) Fluoranthene	18.84	202	21	0.002	ng	# 83
28) Pyrene	19.21	202	31	0.002	ng	# 78
30) Benzo(a)anthracene	20.97	228	58	0.003	ng	# 1
31) Chrysene	20.97	228	44	0.002	ng	# 1
32) Bis(2-ethylhexyl)phthalate	20.91	149	1204	0.051	ng	# 97
33) Indeno(1,2,3-cd)pyrene	25.52	276	1	0.000	ng	# 4
35) Benzo(b)fluoranthene	22.53	252	7	0.000	ng	# 1
36) Benzo(k)fluoranthene	22.59	252	10	0.000	ng	# 1
37) Benzo(a)pyrene	23.10	252	3	0.021	ng	# 1
38) Dibenzo(a,h)anthracene	25.55	278	1	0.000	ng	# 1
39) Benzo(g,h,i)perylene	26.22	276	2	0.000	ng	# 1

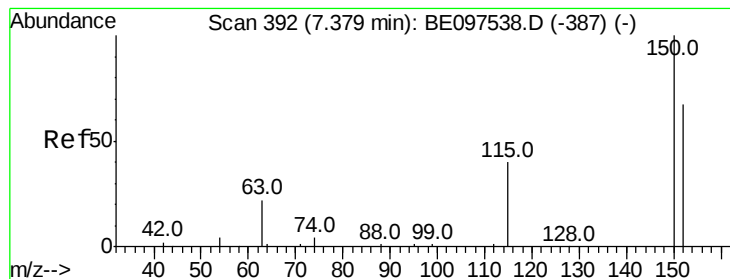
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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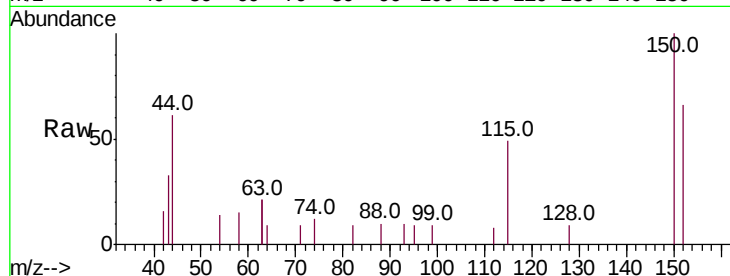


#1

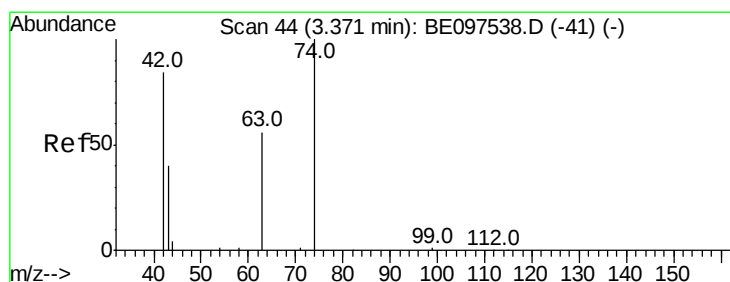
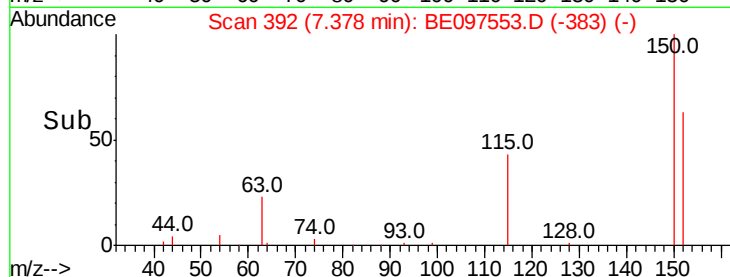
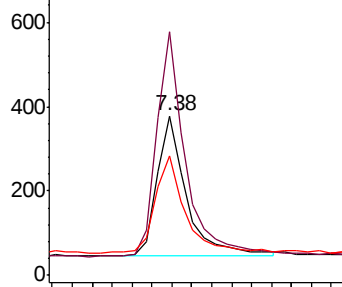
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097553.D
Acq: 19 Sep 2018 23:08

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 680
Ion Ratio Lower Upper
152 100
150 152.6 117.2 175.8
115 75.1 57.0 85.6



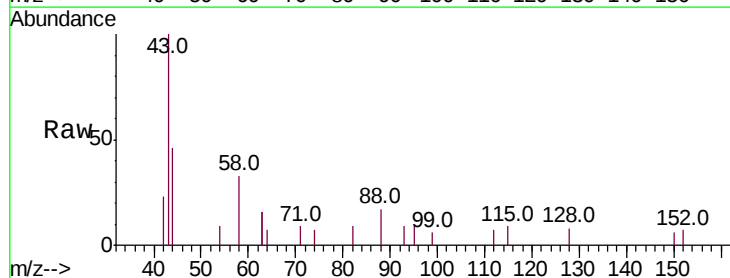
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



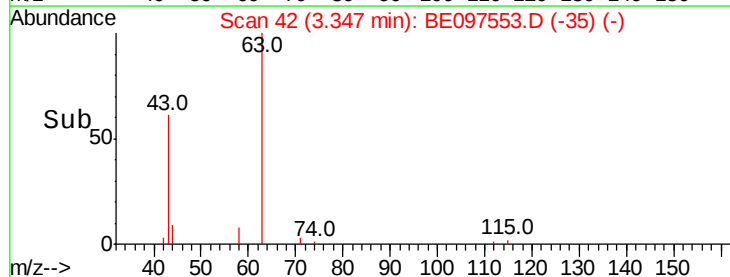
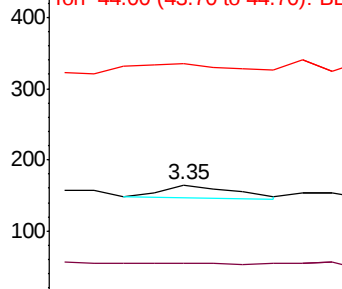
#3

n-Nitrosodimethylamine
Concen: 0.049 ng
RT: 3.35 min Scan# 42
Delta R.T. -0.02 min
Lab File: BE097553.D
Acq: 19 Sep 2018 23:08

Tgt Ion: 42 Resp: 34
Ion Ratio Lower Upper
42 100
74 0.0 96.0 144.0#
44 129.4 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: 0.145 ng

RT: 5.05 min Scan# 190

Delta R.T. 0.01 min

Lab File: BE097553.D

Acq: 19 Sep 2018 23:08

Instrument :

BNA_E

ClientSampleId :

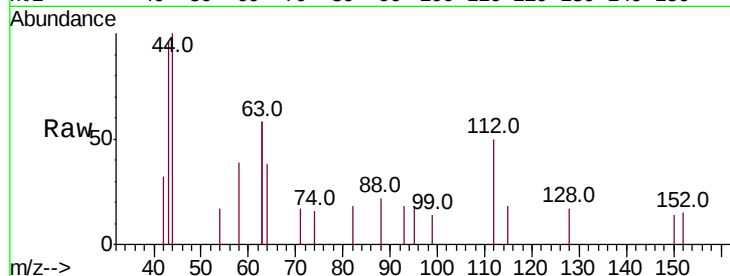
Tot Ion:112 Resp: 295

Ion Ratio Lower Upper

112 100

64 68.8 60.1 90.1

63 182.7 116.8 175.2#



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

500

400

300

200

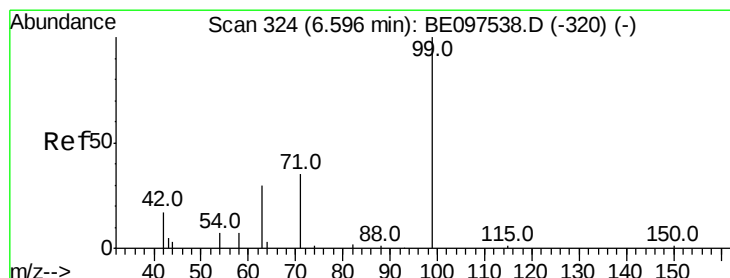
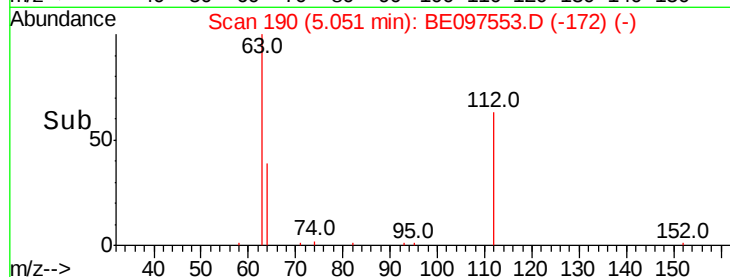
100

0

5.00 5.10 5.20

5.05

Time-->



#5

Phenol-d6

Concen: 0.001 ng

RT: 6.54 min Scan# 319

Delta R.T. -0.06 min

Lab File: BE097553.D

Acq: 19 Sep 2018 23:08

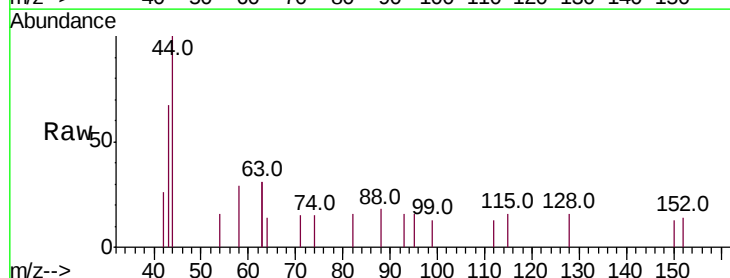
Tgt Ion: 99 Resp: 2

Ion Ratio Lower Upper

99 100

42 100.0 20.2 30.2#

71 0.0 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

120

100

80

60

40

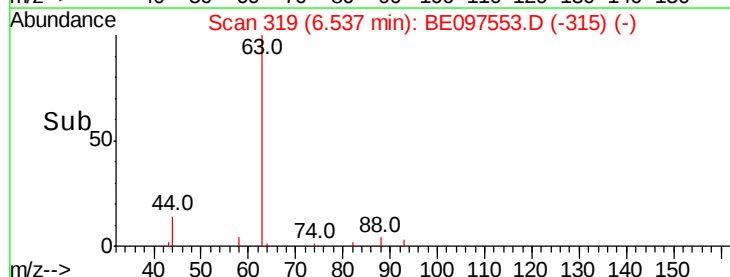
20

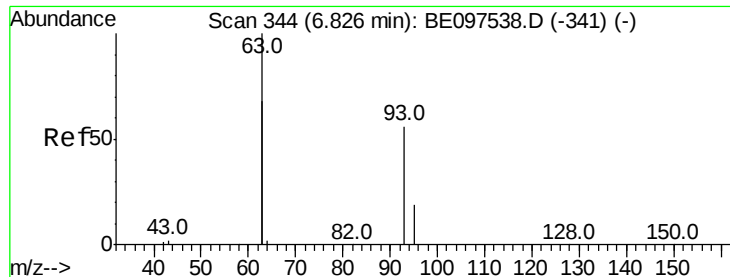
0

6.52 6.54 6.56 6.58

6.54

Time-->





#6

bis(2-Chloroethyl)ether

Concen: 0.004 ng

RT: 6.80 min Scan# 342

Delta R.T. -0.02 min

Lab File: BE097553.D

Acq: 19 Sep 2018 23:08

Instrument :

BNA_E

ClientSampleId :

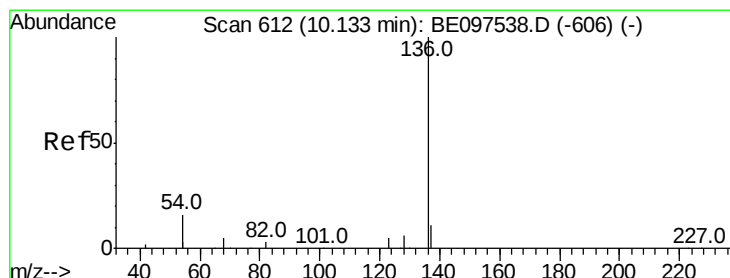
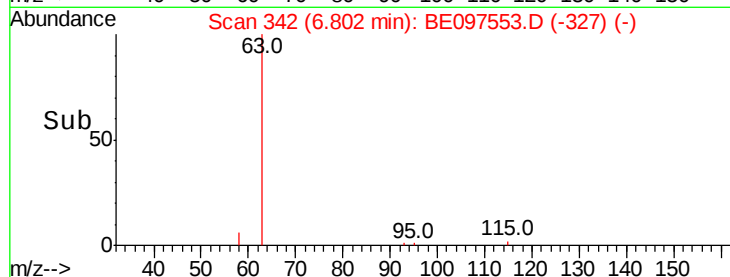
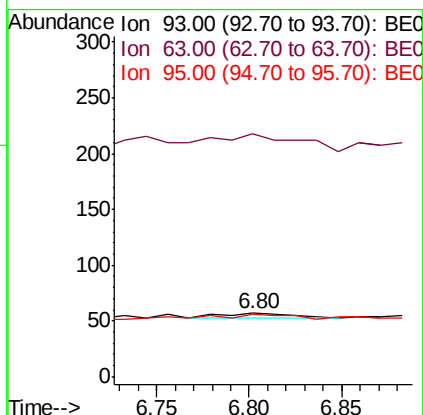
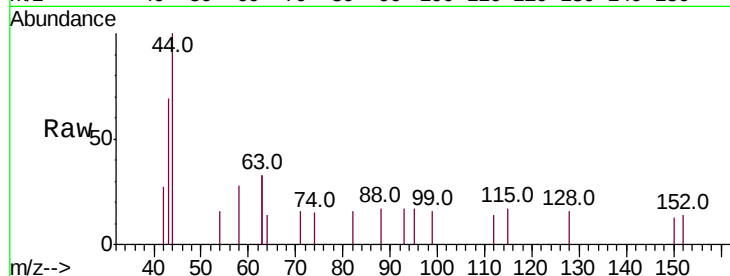
Tot Ion: 93 Resp: 10

Ion Ratio Lower Upper

93 100

63 470.0 275.3 412.9#

95 120.0 25.2 37.8#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. 0.01 min

Lab File: BE097553.D

Acq: 19 Sep 2018 23:08

Tgt Ion: 136 Resp: 2871

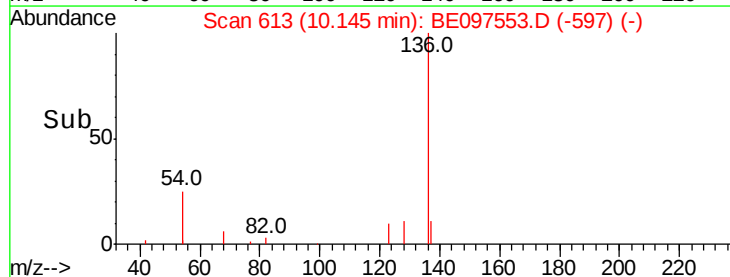
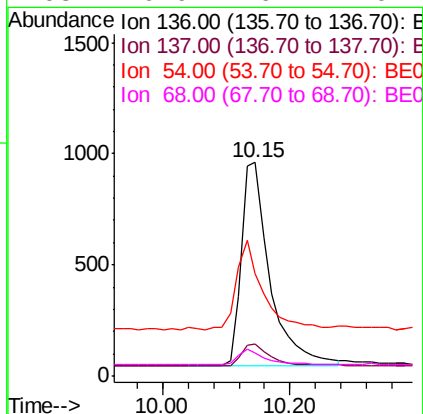
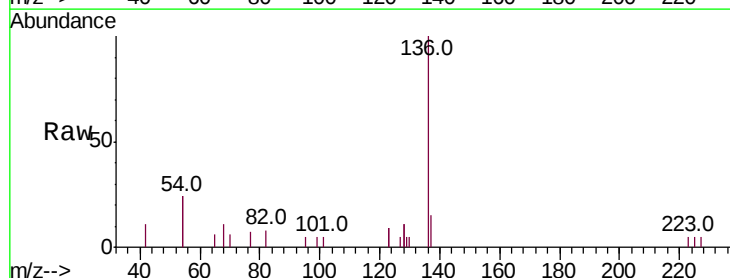
Ion Ratio Lower Upper

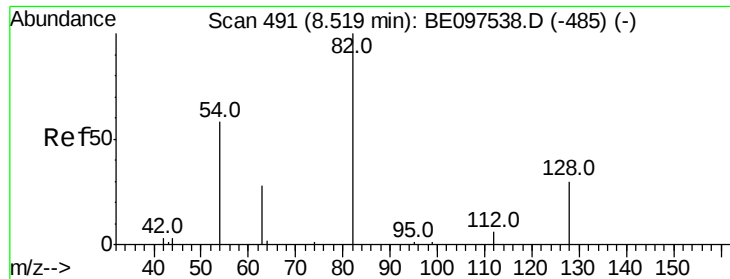
136 100

137 15.2 9.5 14.3#

54 47.9 29.1 43.7#

68 10.9 6.2 9.2#





#8

Nitrobenzene-d5

Concen: 0.338 ng

RT: 8.55 min Scan# 494

Delta R.T. 0.03 min

Lab File: BE097553.D

Acq: 19 Sep 2018 23:08

Instrument :

BNA_E

ClientSampleId :

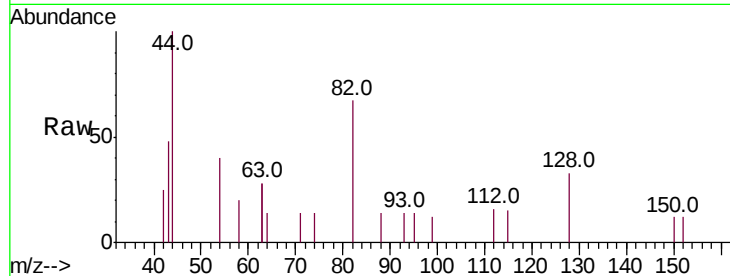
Tot Ion: 82 Resp: 750

Ion Ratio Lower Upper

82 100

128 49.4 24.0 36.0#

54 60.6 40.0 60.0#



Abundance Ion 82.00 (81.70 to 82.70): BE097553.D (-474) (-)

Ion 128.00 (127.70 to 128.70): BE097553.D (-474) (-)

Ion 54.00 (53.70 to 54.70): BE097553.D (-474) (-)

8.55

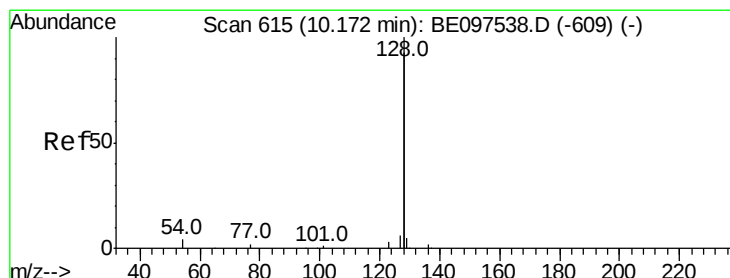
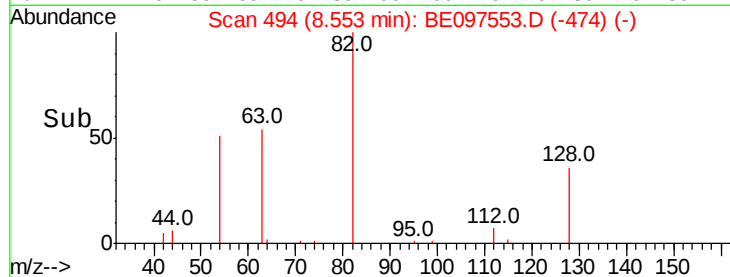
200

100

0

8.40 8.50 8.60 8.70

Time-->



#9

Naphthalene

Concen: 0.006 ng

RT: 10.18 min Scan# 616

Delta R.T. 0.01 min

Lab File: BE097553.D

Acq: 19 Sep 2018 23:08

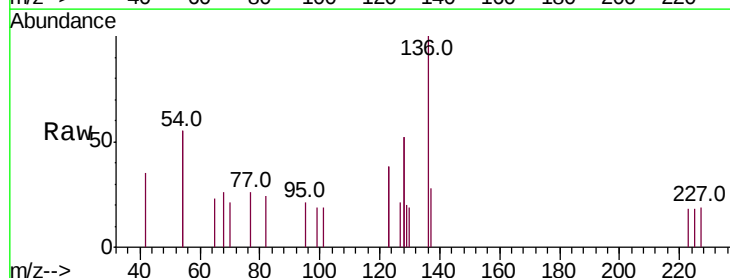
Tgt Ion: 128 Resp: 154

Ion Ratio Lower Upper

128 100

129 19.6 2.6 3.8#

127 20.4 2.8 4.2#



Abundance Ion 128.00 (127.70 to 128.70): BE097553.D (-607) (-)

Ion 129.00 (128.70 to 129.70): BE097553.D (-607) (-)

Ion 127.00 (126.70 to 127.70): BE097553.D (-607) (-)

10.18

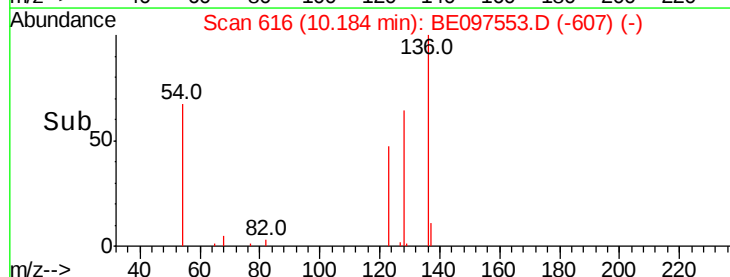
200

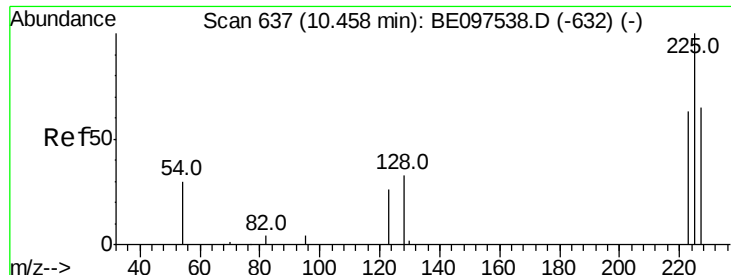
100

0

10.10 10.20 10.30

Time-->

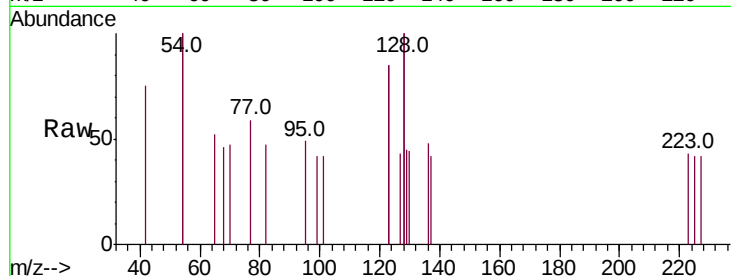




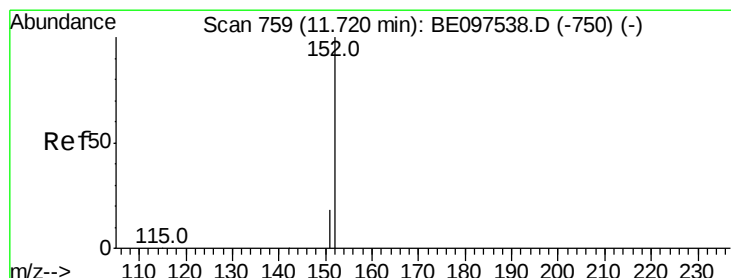
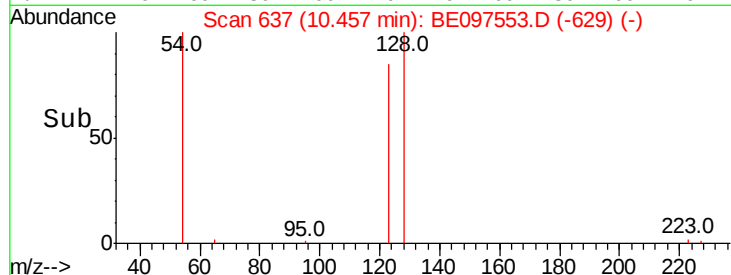
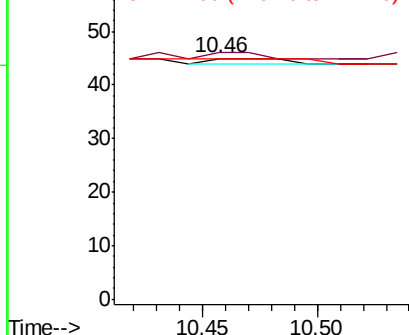
#10
Hexachlorobutadiene
Concen: 0.002 ng
RT: 10.46 min Scan# 637
Delta R.T. -0.00 min
Lab File: BE097553.D
Acq: 19 Sep 2018 23:08

Instrument :
BNA_E
ClientSampled :

Tot Ion: 225 Resp: 2
Ion Ratio Lower Upper
225 100
223 0.0 53.0 79.6#
227 0.0 51.4 77.2#

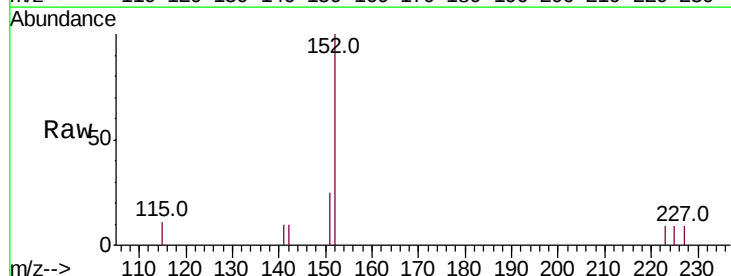


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

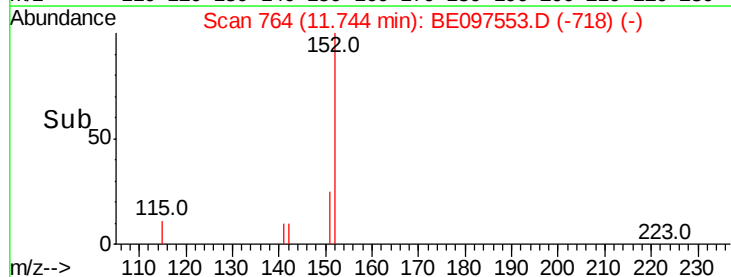
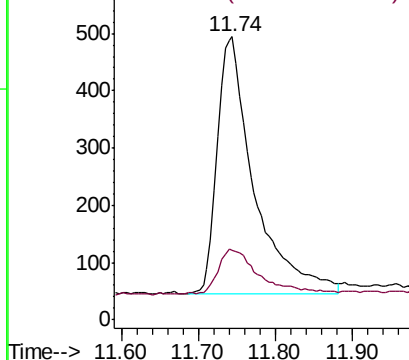


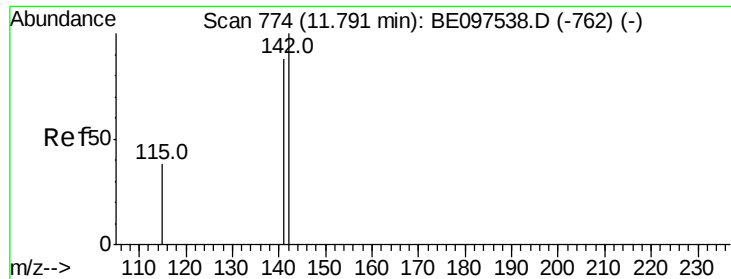
#11
2-Methylnaphthalene-d10
Concen: 0.376 ng
RT: 11.74 min Scan# 764
Delta R.T. 0.02 min
Lab File: BE097553.D
Acq: 19 Sep 2018 23:08

Tgt Ion: 152 Resp: 1488
Ion Ratio Lower Upper
152 100
151 19.2 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E

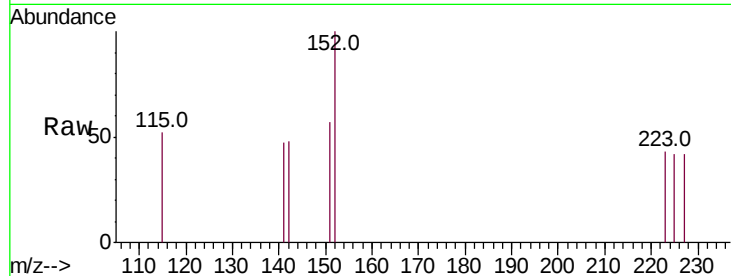




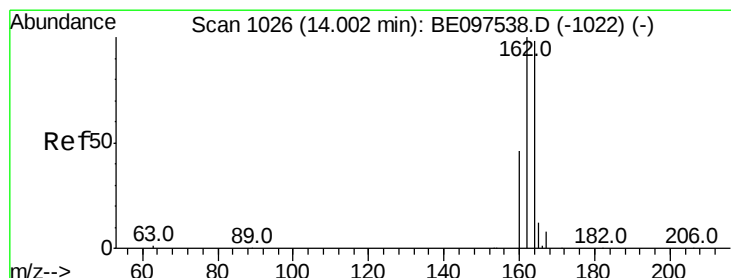
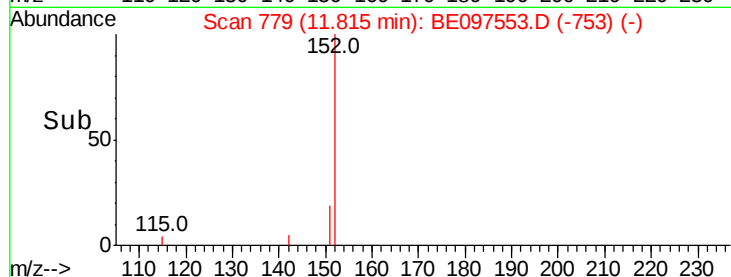
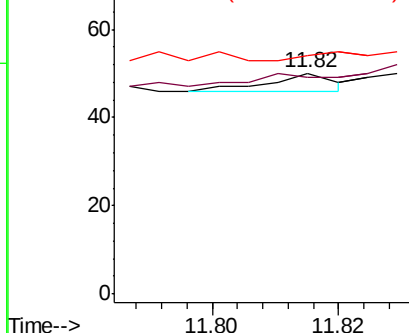
#12
2-Methylnaphthalene
Concen: 0.001 ng
RT: 11.82 min Scan# 779
Delta R.T. 0.02 min
Lab File: BE097553.D
Acq: 19 Sep 2018 23:08

Instrument :
BNA_E
ClientSampleId :

Tot Ion:142 Resp: 3
Ion Ratio Lower Upper
142 100
141 98.0 70.4 105.6
115 108.0 31.7 47.5#

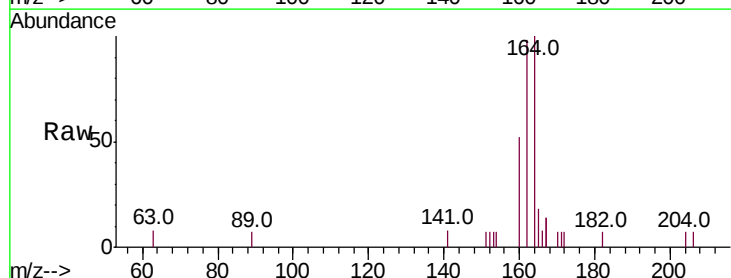


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

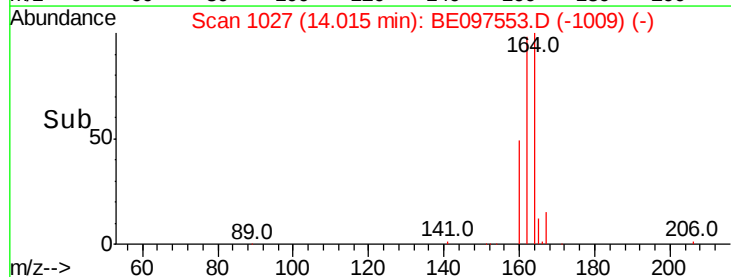
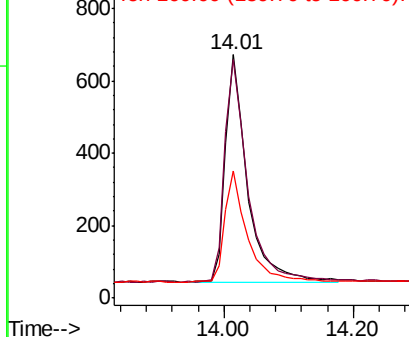


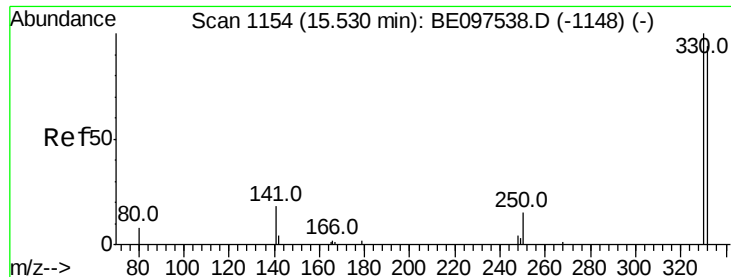
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BE097553.D
Acq: 19 Sep 2018 23:08

Tgt Ion:164 Resp: 1479
Ion Ratio Lower Upper
164 100
162 98.1 83.1 124.7
160 52.2 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

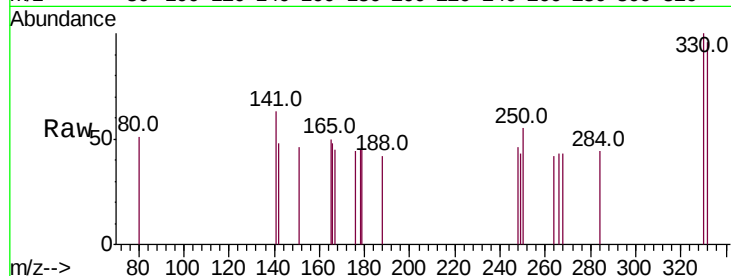




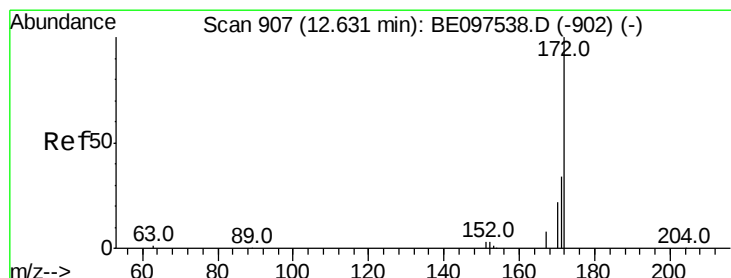
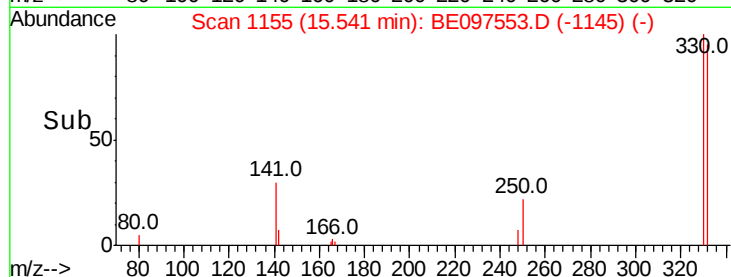
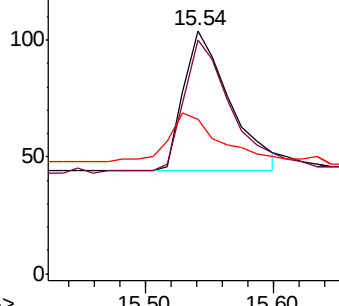
#14
 2,4,6-Tribromophenol
 Concen: 0.307 ng
 RT: 15.54 min Scan# 1155
 Delta R.T. 0.01 min
 Lab File: BE097553.D
 Acq: 19 Sep 2018 23:08

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:330 Resp: 152
 Ion Ratio Lower Upper
 330 100
 332 92.8 152.7 229.1#
 141 36.8 33.7 50.5

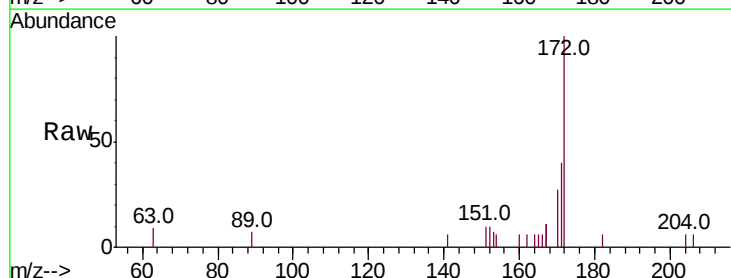


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

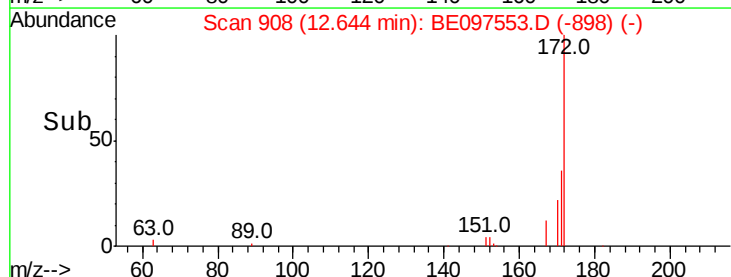
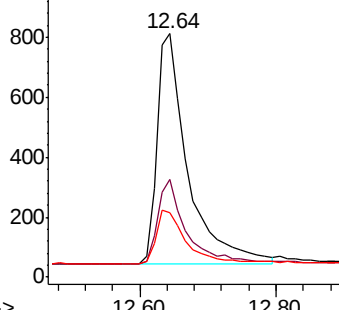


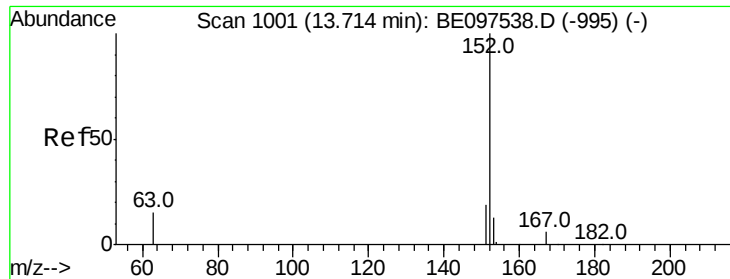
#15
 2-Fluorobiphenyl
 Concen: 0.465 ng
 RT: 12.64 min Scan# 908
 Delta R.T. 0.01 min
 Lab File: BE097553.D
 Acq: 19 Sep 2018 23:08

Tgt Ion:172 Resp: 2430
 Ion Ratio Lower Upper
 172 100
 171 40.0 29.9 44.9
 170 26.6 21.8 32.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#16

Acenaphthylene

Concen: 0.001 ng

RT: 13.74 min Scan# 1003

Delta R.T. 0.02 min

Lab File: BE097553.D

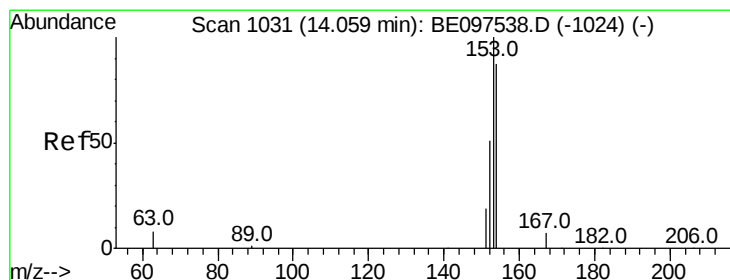
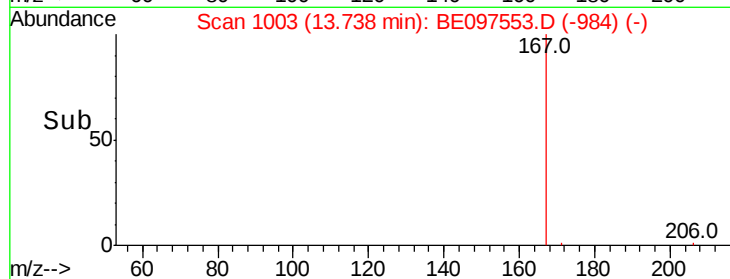
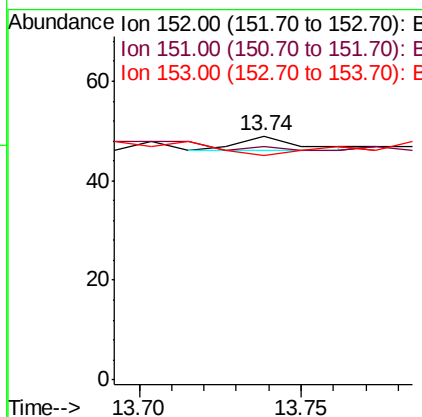
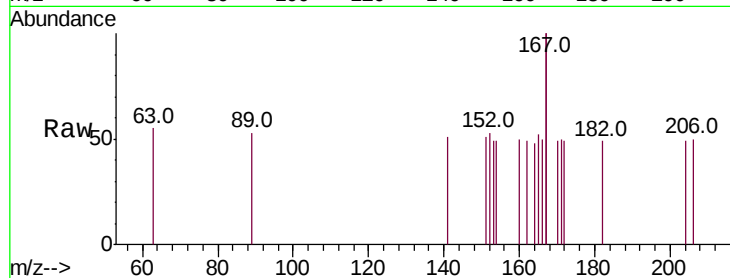
Acq: 19 Sep 2018 23:08

Instrument :

BNA_E

ClientSampleId :

Tot Ion:	152	Resp:	4
Ion	Ratio	Lower	Upper
152	100		
151	0.0	15.7	23.5#
153	0.0	10.5	15.7#



#17

Acenaphthene

Concen: 0.003 ng

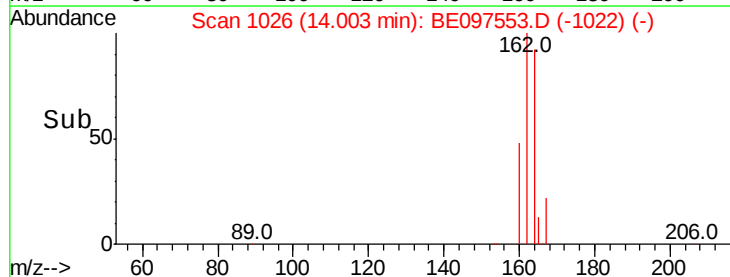
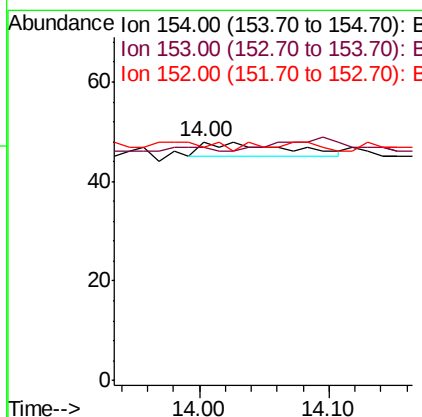
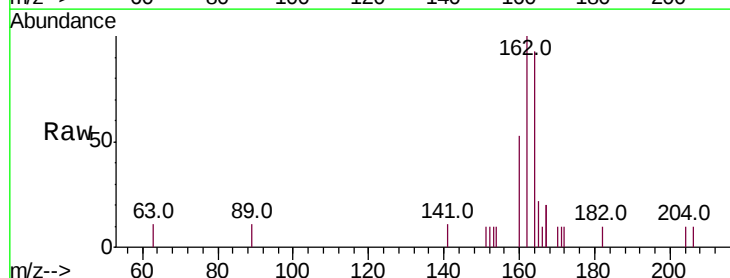
RT: 14.00 min Scan# 1026

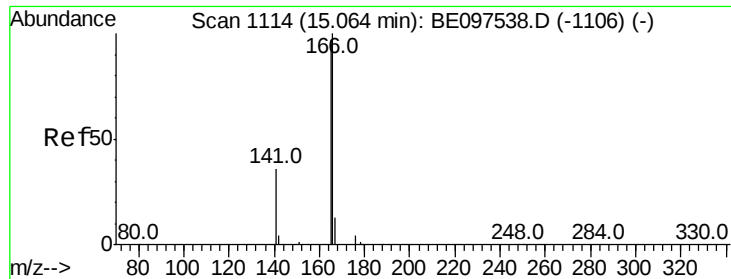
Delta R.T. -0.06 min

Lab File: BE097553.D

Acq: 19 Sep 2018 23:08

Tgt Ion:	154	Resp:	13
Ion	Ratio	Lower	Upper
154	100		
153	0.0	89.2	133.8#
152	0.0	42.0	63.0#





#18

Fluorene

Concen: 0.002 ng

RT: 15.06 min Scan# 1114

Delta R.T. -0.00 min

Lab File: BE097553.D

Acq: 19 Sep 2018 23:08

Instrument :

BNA_E

ClientSampleId :

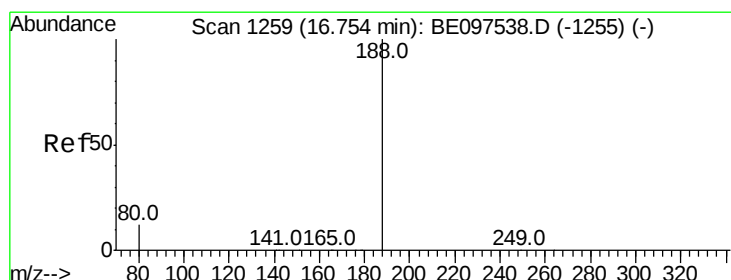
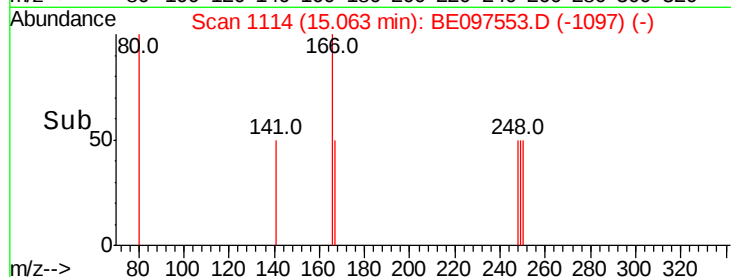
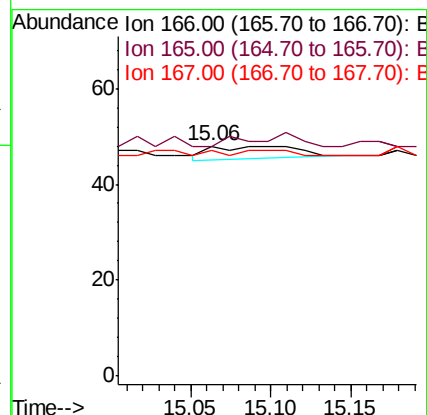
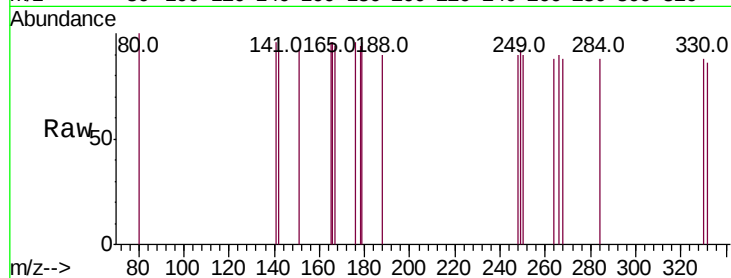
Tot Ion:166 Resp: 10

Ion Ratio Lower Upper

166 100

165 0.0 77.8 116.6#

167 0.0 42.4 63.6#



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.78 min Scan# 1261

Delta R.T. 0.02 min

Lab File: BE097553.D

Acq: 19 Sep 2018 23:08

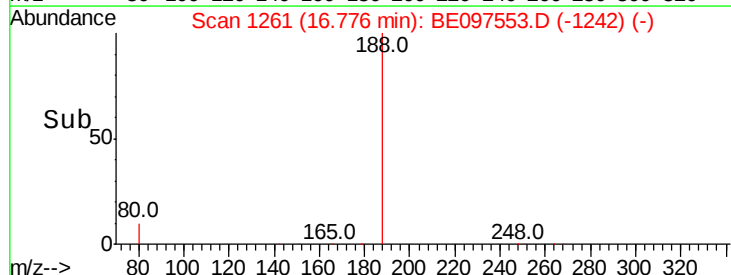
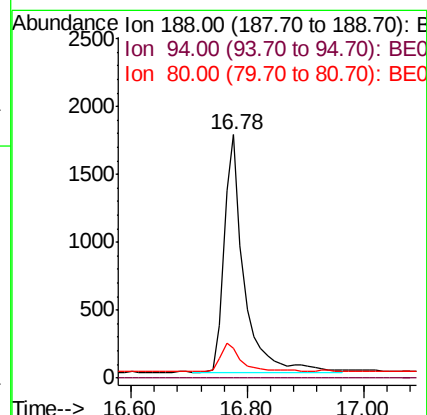
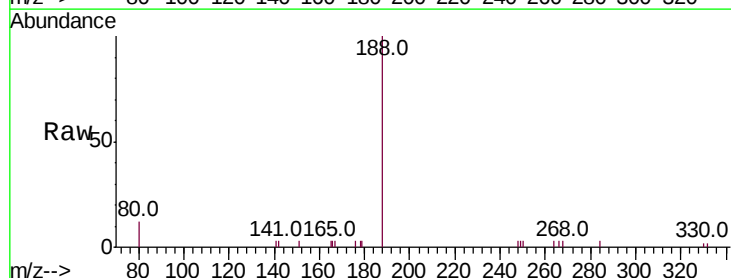
Tgt Ion:188 Resp: 4073

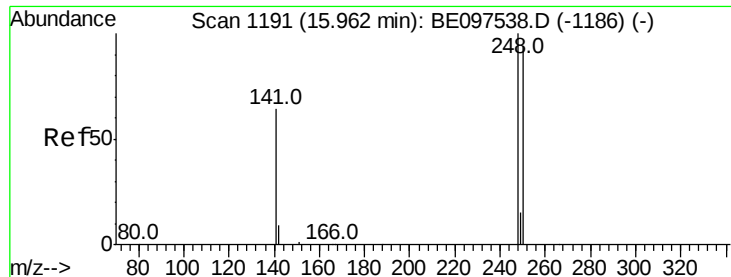
Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 12.1 3.6 5.4#

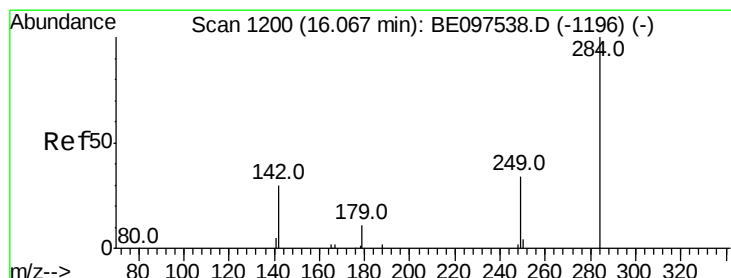
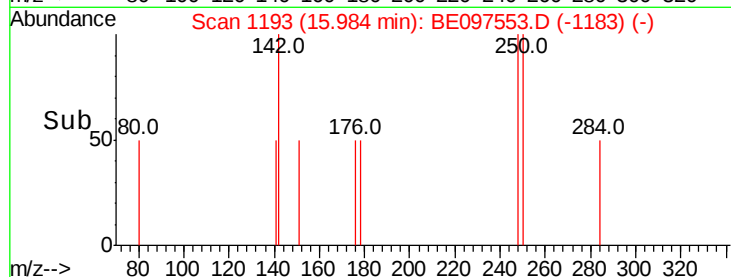
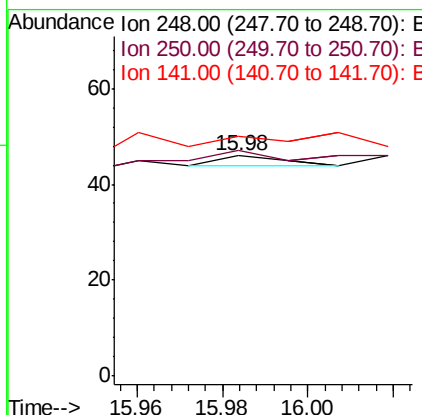
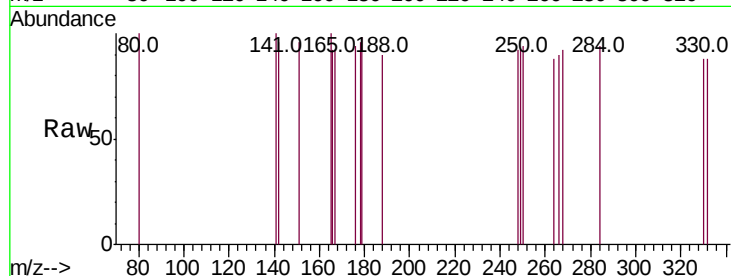




#20
4-Bromophenyl-phenylether
Concen: 0.001 ng
RT: 15.98 min Scan# 1193
Delta R.T. 0.02 min
Lab File: BE097553.D
Acq: 19 Sep 2018 23:08

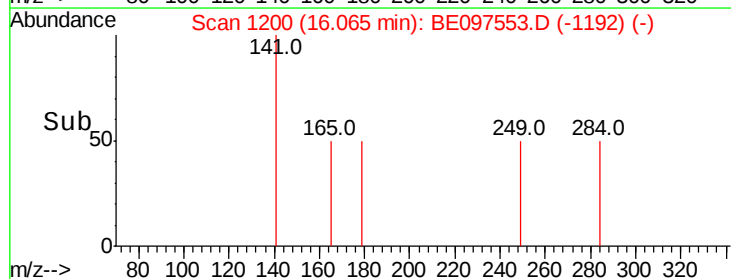
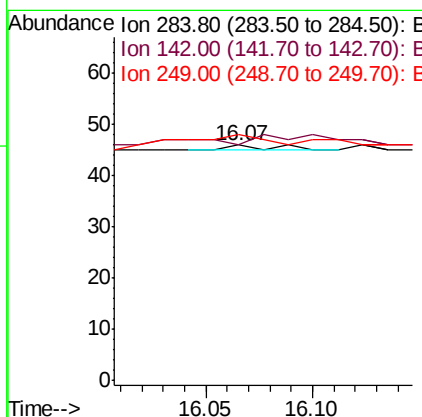
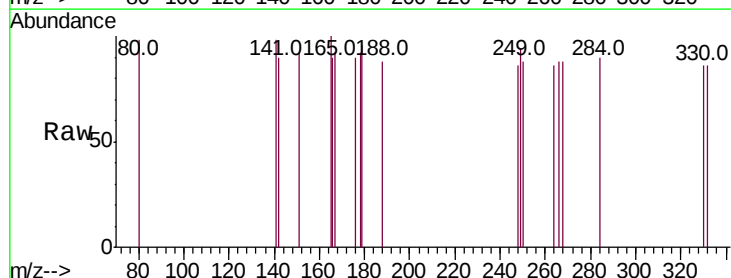
Instrument :
BNA_E
ClientSampled :

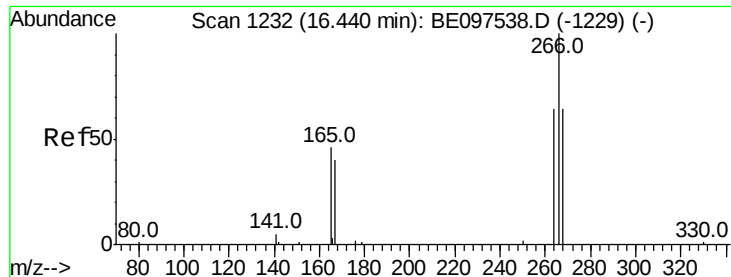
Tot Ion:248 Resp: 2
Ion Ratio Lower Upper
248 100
250 102.2 62.7 94.1#
141 108.7 48.2 72.2#



#21
Hexachlorobenzene
Concen: 0.000 ng
RT: 16.07 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BE097553.D
Acq: 19 Sep 2018 23:08

Tgt Ion:284 Resp: 1
Ion Ratio Lower Upper
284 100
142 500.0 22.1 33.1#
249 900.0 34.8 52.2#





#22

Pentachlorophenol

Concen: 0.142 ng

RT: 16.48 min Scan# 1236

Delta R.T. 0.05 min

Lab File: BE097553.D

Acq: 19 Sep 2018 23:08

Instrument :

BNA_E

ClientSampleId :

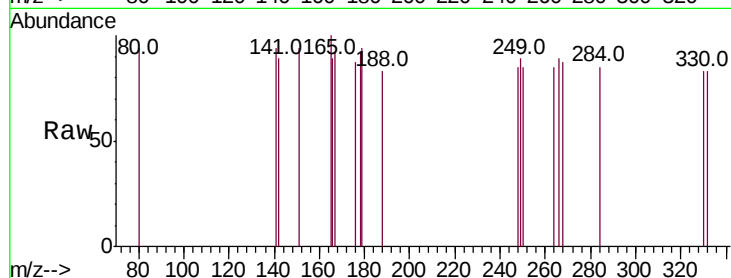
Tot Ion:266 Resp: 11

Ion Ratio Lower Upper

266 100

264 95.7 72.5 108.7

268 97.9 73.8 110.6

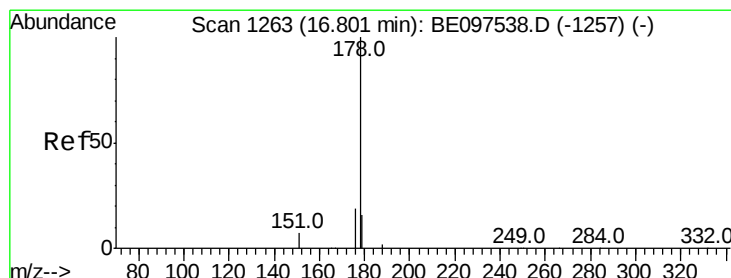
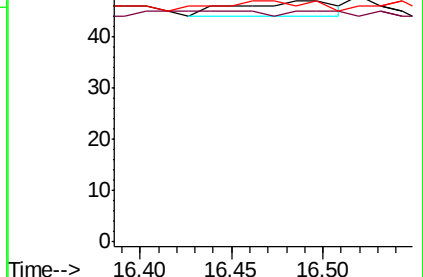
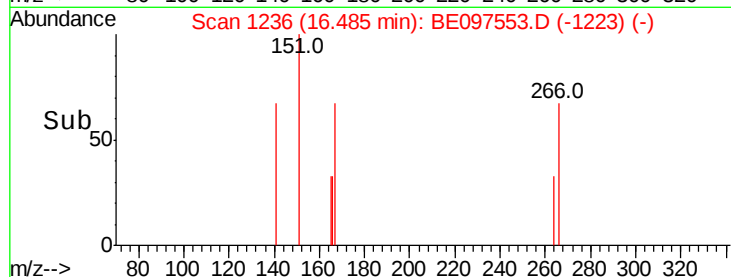


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

16.48



#23

Phenanthrene

Concen: 0.006 ng

RT: 16.81 min Scan# 1264

Delta R.T. 0.01 min

Lab File: BE097553.D

Acq: 19 Sep 2018 23:08

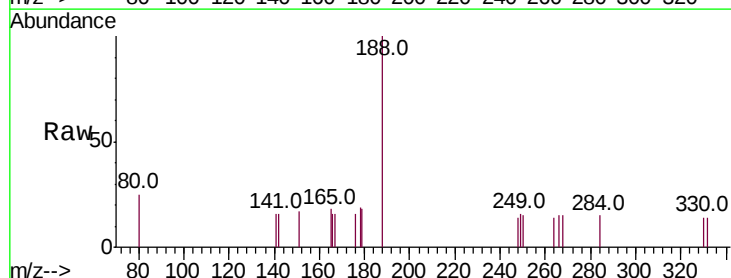
Tgt Ion:178 Resp: 54

Ion Ratio Lower Upper

178 100

176 25.9 15.1 22.7#

179 0.0 11.8 17.6#

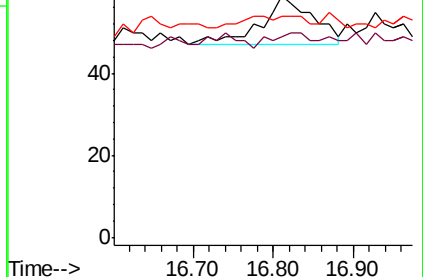
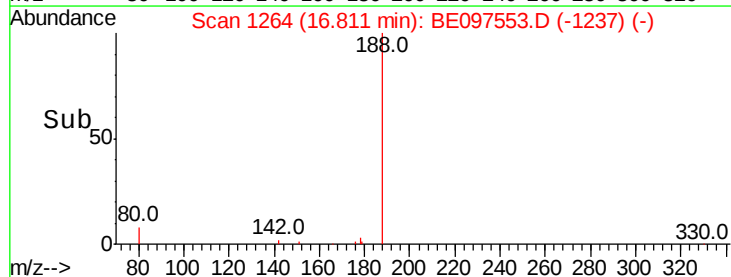


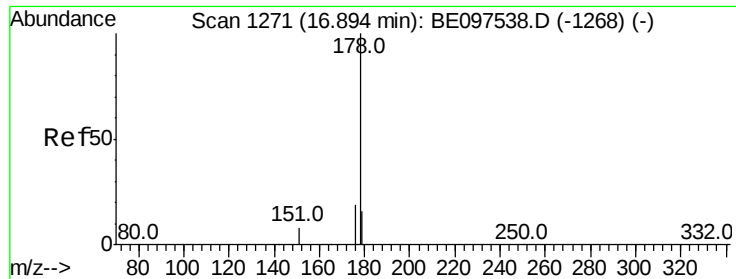
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

16.81





#24

Anthracene

Concen: 0.002 ng

RT: 16.93 min Scan# 1274

Delta R.T. 0.03 min

Lab File: BE097553.D

Acq: 19 Sep 2018 23:08

Instrument :

BNA_E

ClientSampleId :

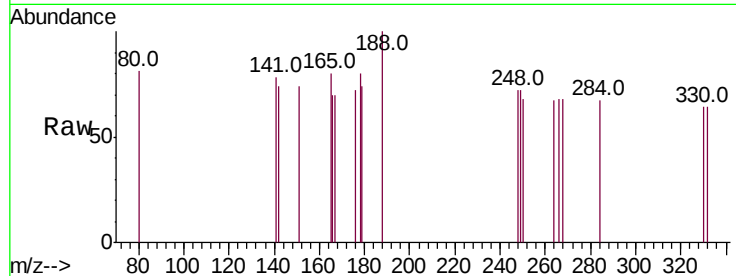
Tot Ion:178 Resp: 14

Ion Ratio Lower Upper

178 100

176 0.0 12.8 19.2#

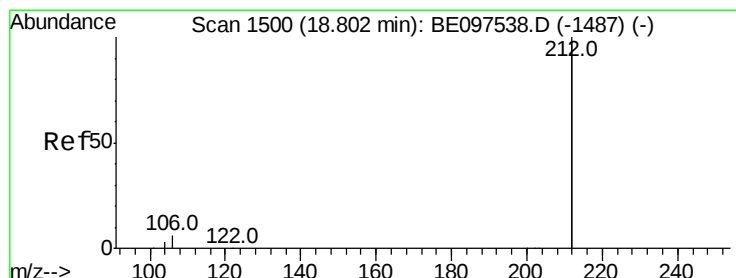
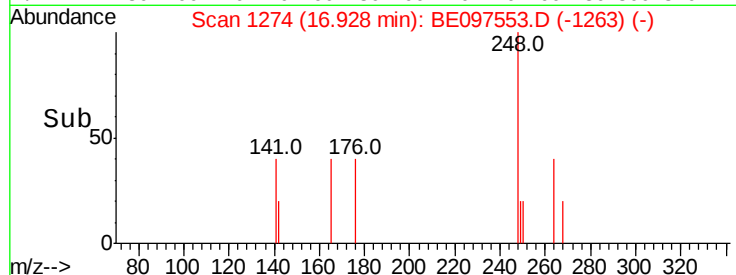
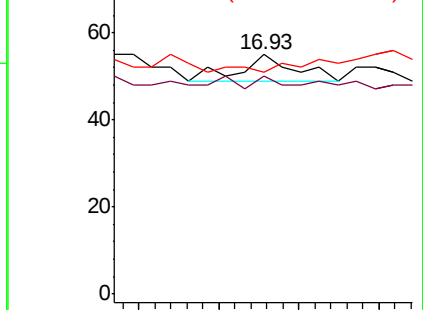
179 0.0 13.0 19.6#



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



#25

Fluoranthene-d10

Concen: 0.425 ng

RT: 18.81 min Scan# 1502

Delta R.T. 0.01 min

Lab File: BE097553.D

Acq: 19 Sep 2018 23:08

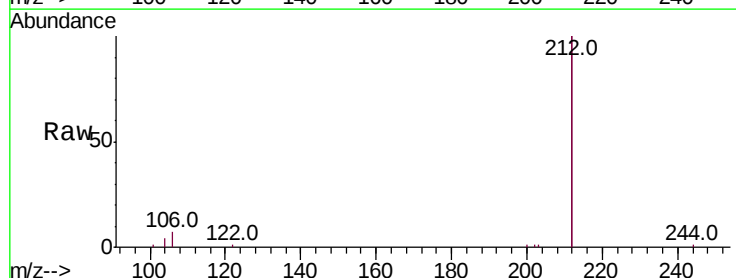
Tgt Ion:212 Resp: 22155

Ion Ratio Lower Upper

212 100

106 3.3 2.8 4.2

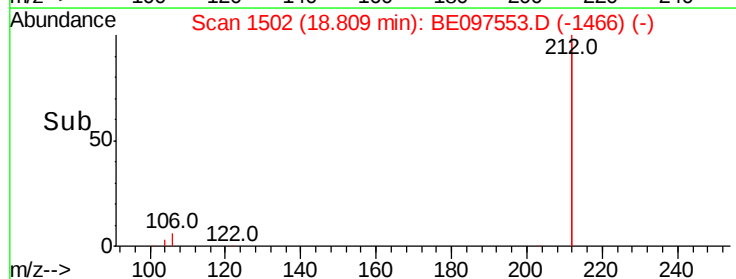
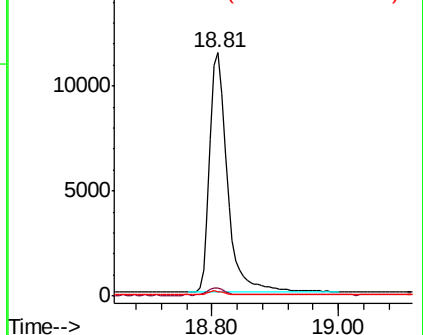
104 1.7 1.6 2.4

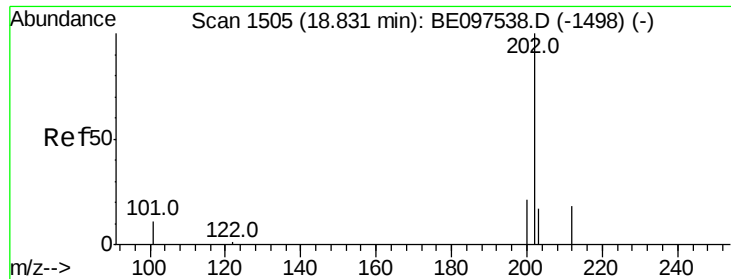


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

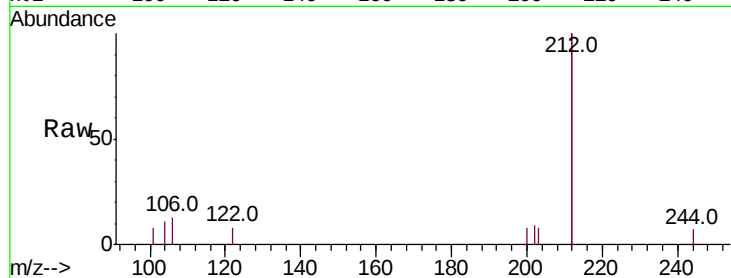




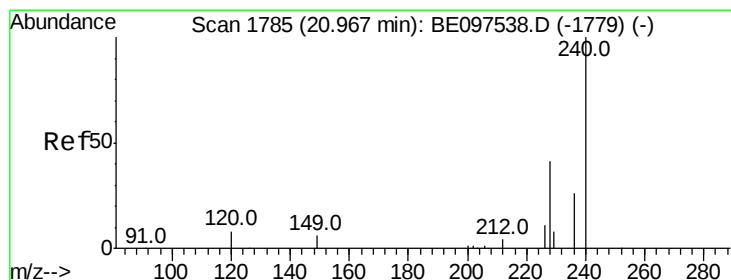
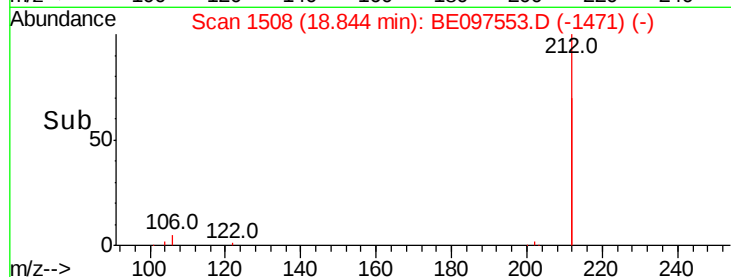
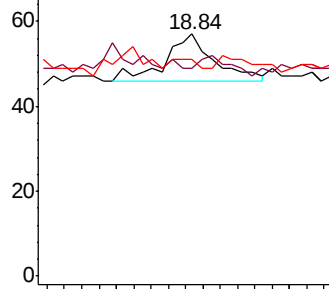
#26
 Fluoranthene
 Concen: 0.002 ng
 RT: 18.84 min Scan# 1508
 Delta R.T. 0.01 min
 Lab File: BE097553.D
 Acq: 19 Sep 2018 23:08

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:202 Resp: 21
 Ion Ratio Lower Upper
 202 100
 101 0.0 9.8 14.8#
 203 14.3 13.7 20.5

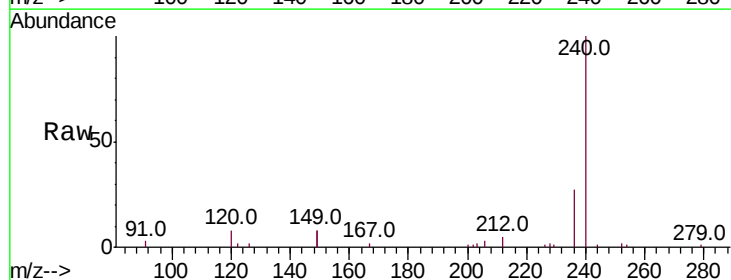


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

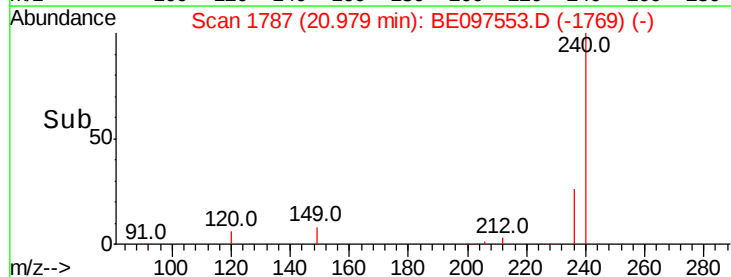
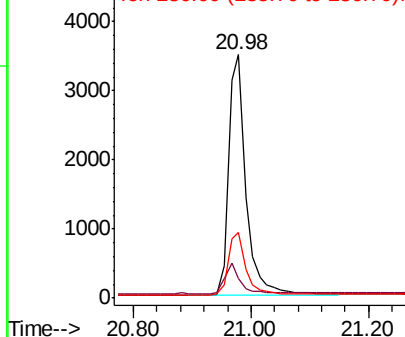


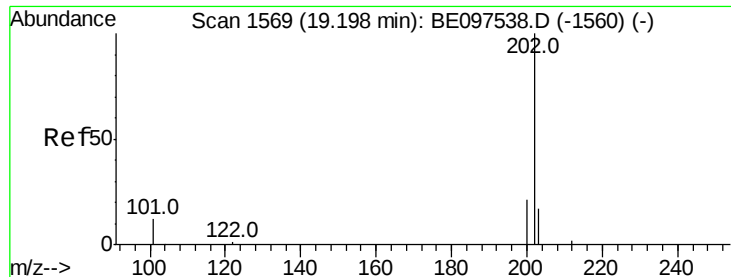
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 20.98 min Scan# 1787
 Delta R.T. 0.01 min
 Lab File: BE097553.D
 Acq: 19 Sep 2018 23:08

Tgt Ion:240 Resp: 7077
 Ion Ratio Lower Upper
 240 100
 120 7.9 5.5 8.3
 236 27.0 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

Pvrene

Concen: 0.002 ng

RT: 19.21 min Scan# 1572

Delta R.T. 0.01 min

Lab File: BE097553.D

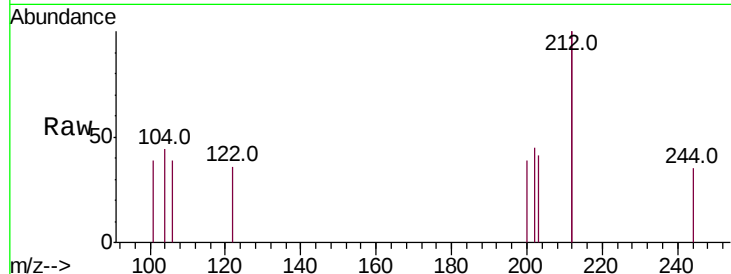
Acq: 19 Sep 2018 23:08

Instrument :

BNA_E

ClientSampleId :

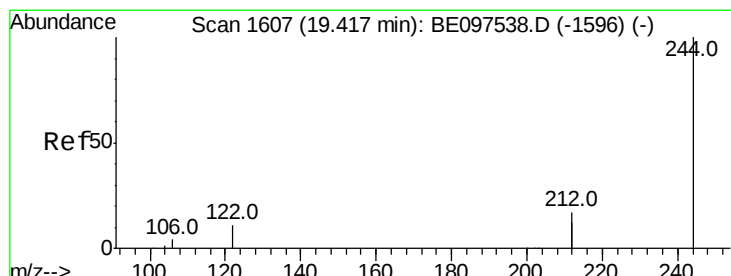
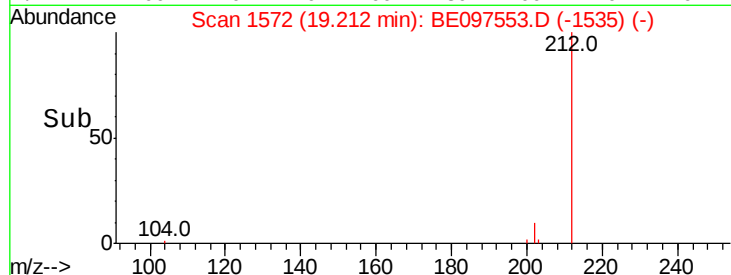
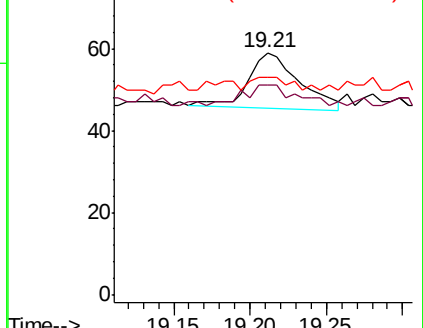
Tot Ion:	202	Resp:	31
Ion	Ratio	Lower	Upper
202	100		
200	38.7	16.6	25.0#
203	16.1	13.8	20.8



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: 0.413 ng

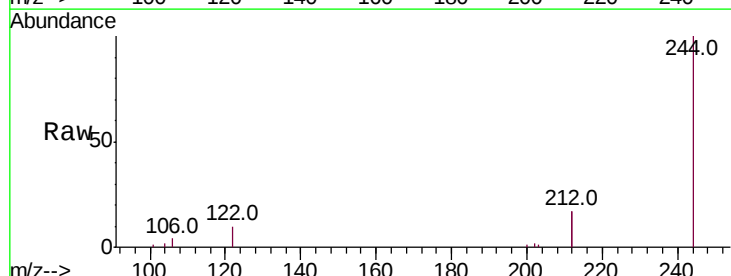
RT: 19.42 min Scan# 1608

Delta R.T. 0.00 min

Lab File: BE097553.D

Acq: 19 Sep 2018 23:08

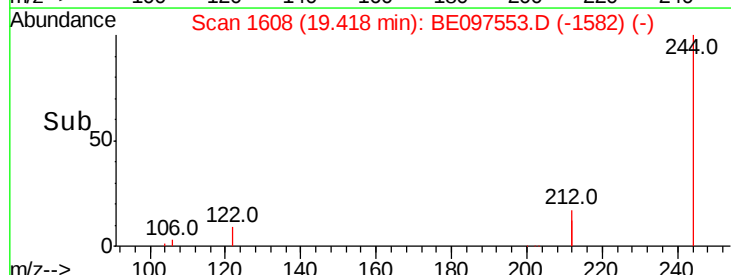
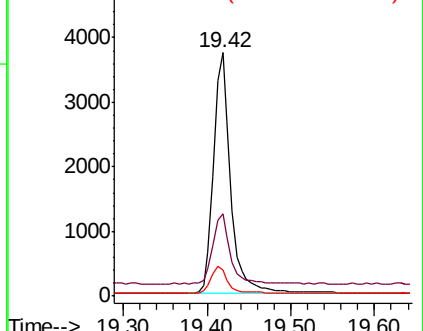
Tgt Ion:	244	Resp:	5344
Ion	Ratio	Lower	Upper
244	100		
212	33.6	25.4	38.0
122	10.5	8.1	12.1

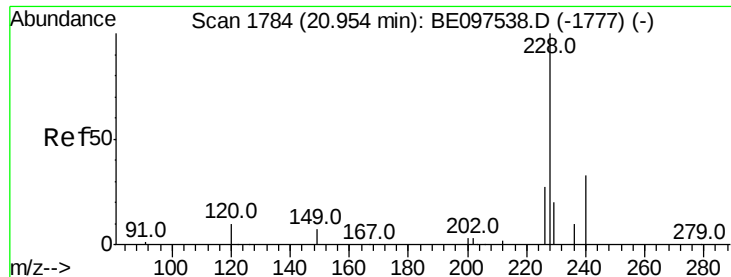


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 0.003 ng

RT: 20.97 min Scan# 1786

Delta R.T. 0.01 min

Lab File: BE097553.D

Acq: 19 Sep 2018 23:08

Instrument :

BNA_E

ClientSampleId :

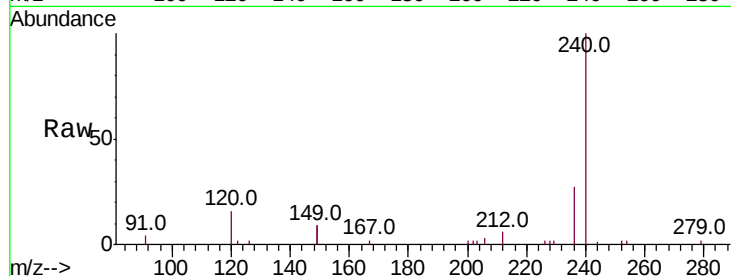
Tot Ion:228 Resp: 58

Ion Ratio Lower Upper

228 100

226 77.8 24.0 36.0#

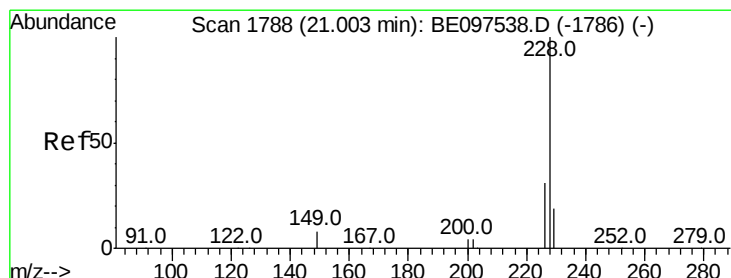
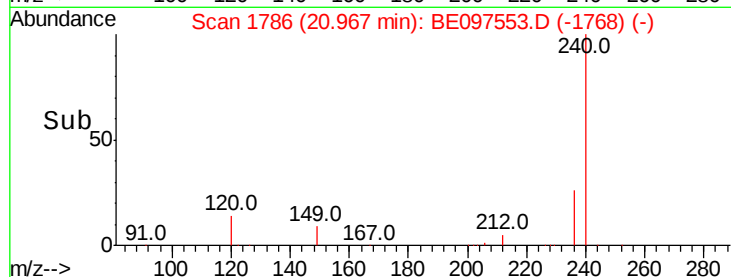
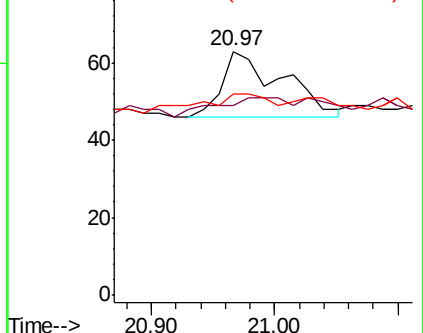
229 82.5 16.0 24.0#



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: 0.002 ng

RT: 20.97 min Scan# 1786

Delta R.T. -0.04 min

Lab File: BE097553.D

Acq: 19 Sep 2018 23:08

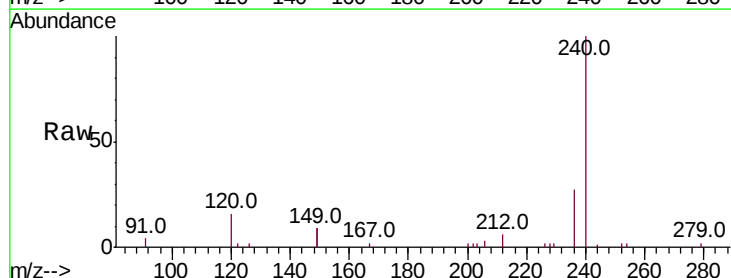
Tgt Ion:228 Resp: 44

Ion Ratio Lower Upper

228 100

226 77.8 24.0 36.0#

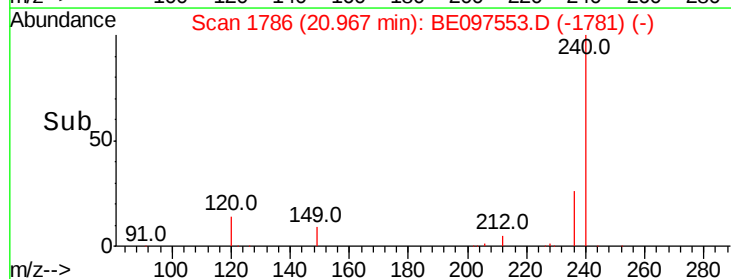
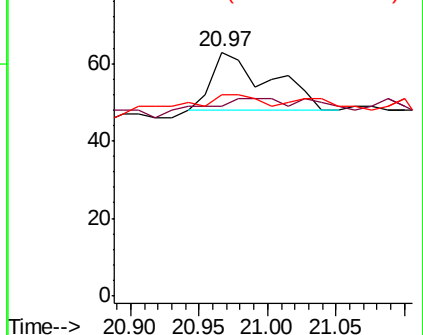
229 82.5 16.0 24.0#

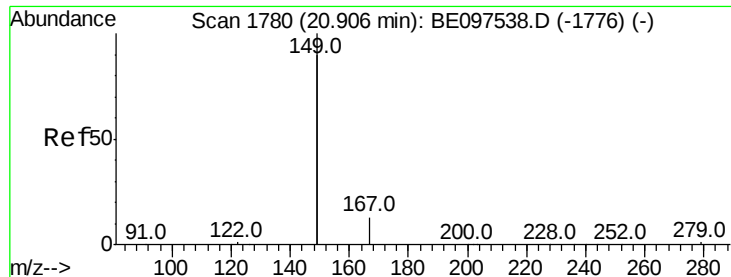


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.051 ng

RT: 20.91 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BE097553.D

Acq: 19 Sep 2018 23:08

Instrument :

BNA_E

ClientSampleId :

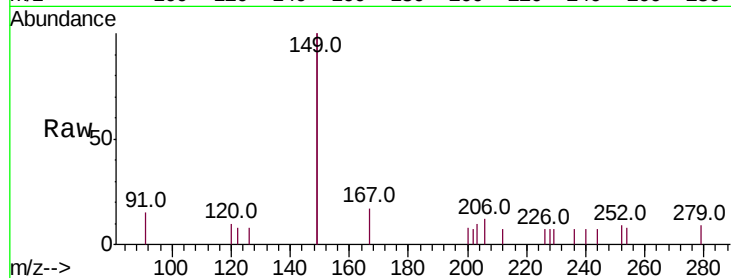
Tot Ion:149 Resp: 1204

Ion Ratio Lower Upper

149 100

167 5.7 5.4 8.0

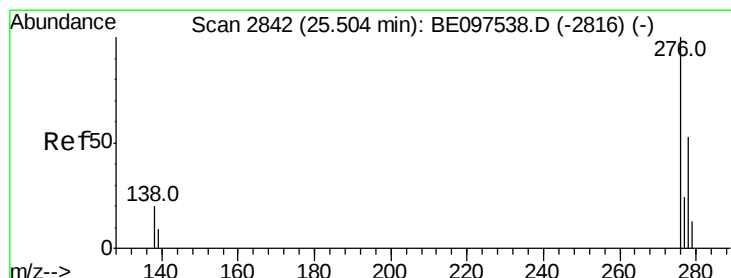
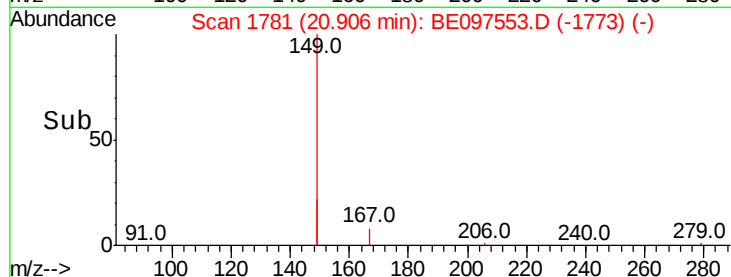
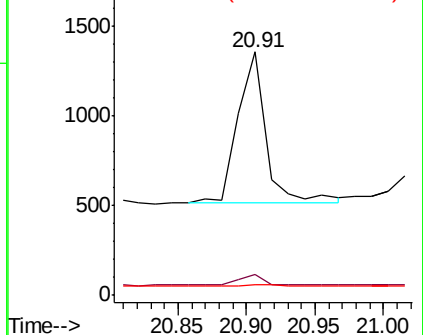
279 2.5 0.7 1.1#



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



#33

Indeno(1,2,3-cd)pyrene

Concen: 0.000 ng

RT: 25.52 min Scan# 2847

Delta R.T. 0.01 min

Lab File: BE097553.D

Acq: 19 Sep 2018 23:08

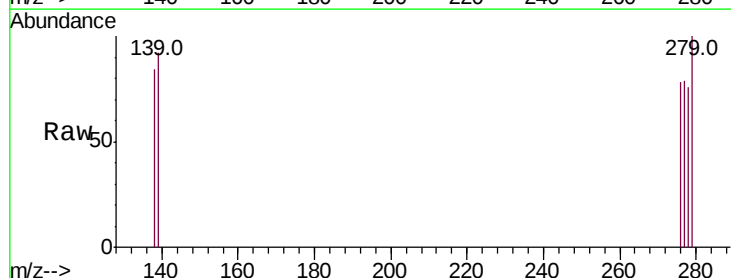
Tgt Ion:276 Resp: 1

Ion Ratio Lower Upper

276 100

138 100.0 22.5 33.7#

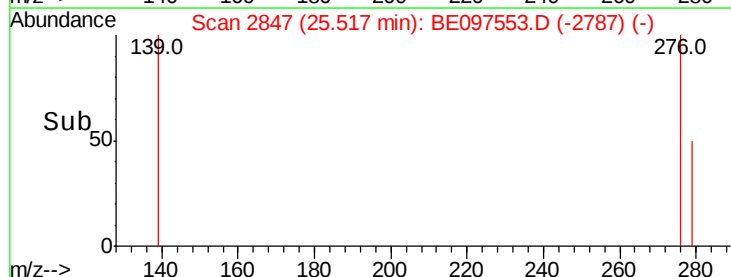
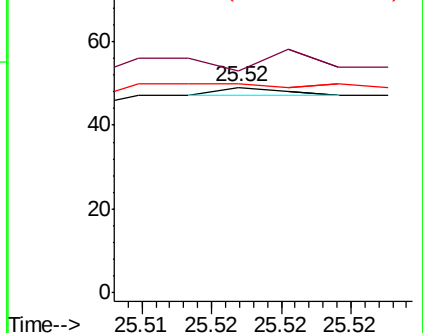
277 0.0 19.9 29.9#

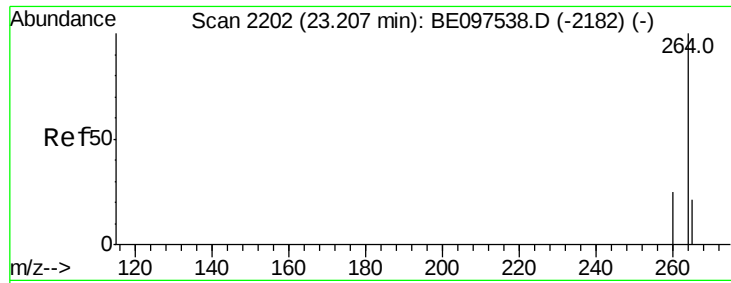


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

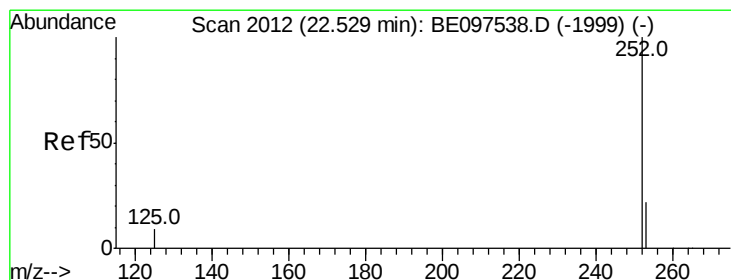
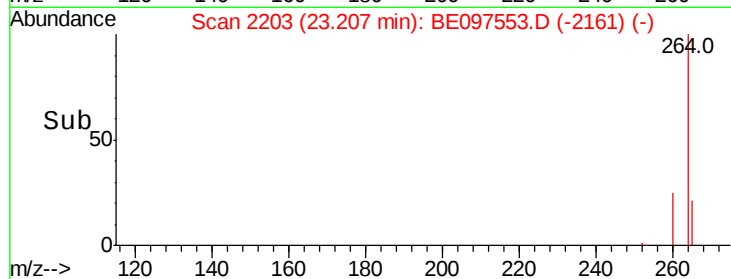
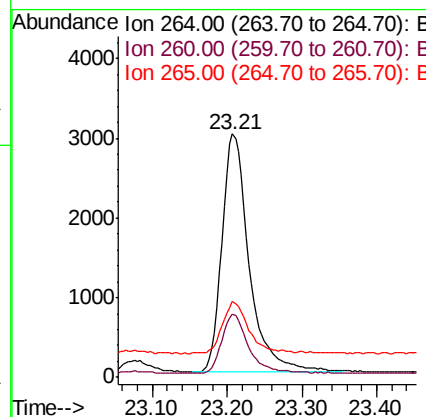
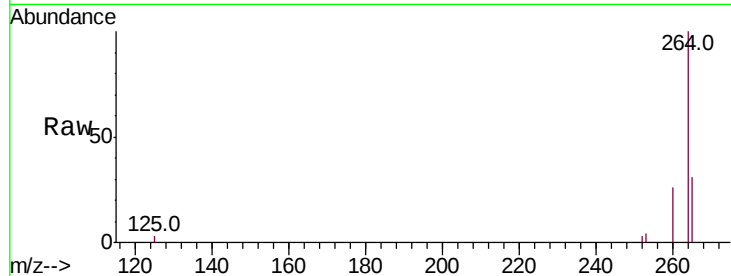




#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2203
 Delta R.T. 0.00 min
 Lab File: BE097553.D
 Acq: 19 Sep 2018 23:08

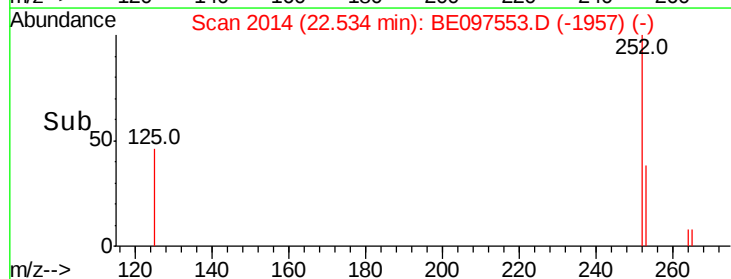
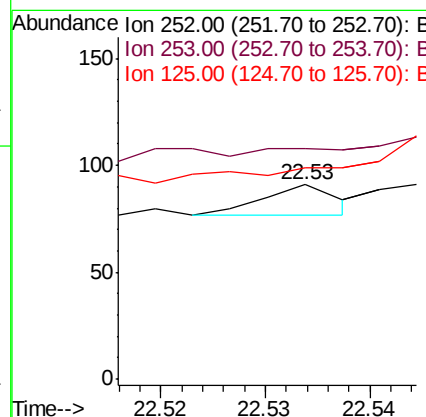
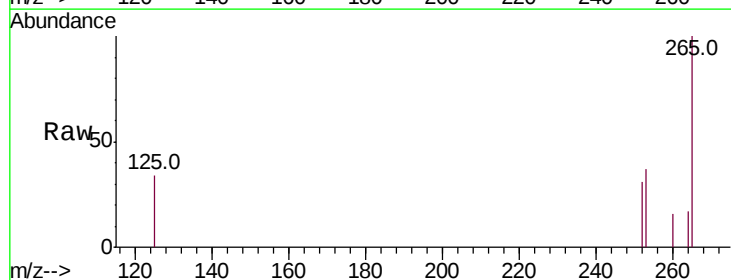
Instrument :
 BNA_E
 ClientSampleId :

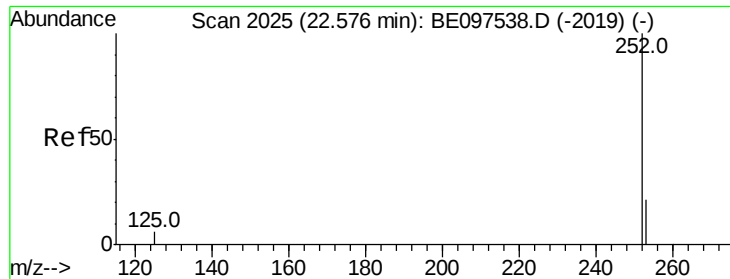
Tot Ion:264 Resp: 7540
 Ion Ratio Lower Upper
 264 100
 260 25.8 20.5 30.7
 265 30.9 22.8 34.2



#35
 Benzo(b)fluoranthene
 Concen: 0.000 ng
 RT: 22.53 min Scan# 2014
 Delta R.T. 0.00 min
 Lab File: BE097553.D
 Acq: 19 Sep 2018 23:08

Tgt Ion:252 Resp: 7
 Ion Ratio Lower Upper
 252 100
 253 118.7 20.0 30.0#
 125 108.8 16.0 24.0#





#36

Benzo(k)fluoranthene

Concen: 0.000 ng

RT: 22.59 min Scan# 2031

Delta R.T. 0.02 min

Lab File: BE097553.D

Acq: 19 Sep 2018 23:08

Instrument :

BNA_E

ClientSampleId :

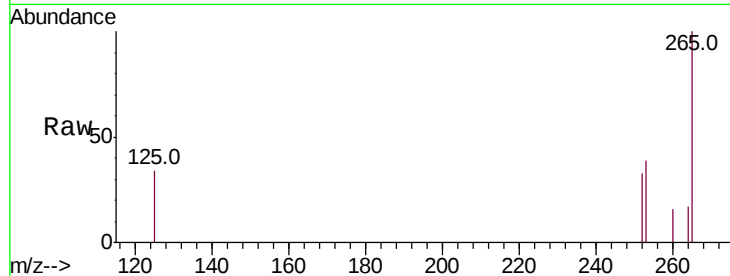
Tot Ion:252 Resp: 10

Ion Ratio Lower Upper

252 100

253 116.5 16.0 24.0#

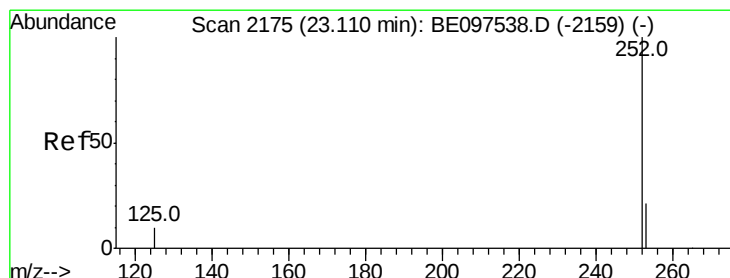
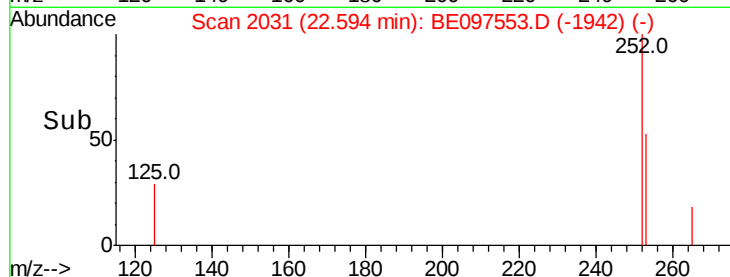
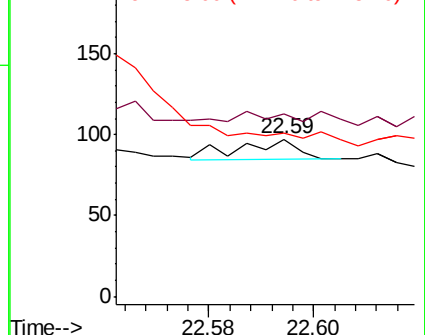
125 104.1 8.0 12.0#



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: 0.021 ng

RT: 23.10 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BE097553.D

Acq: 19 Sep 2018 23:08

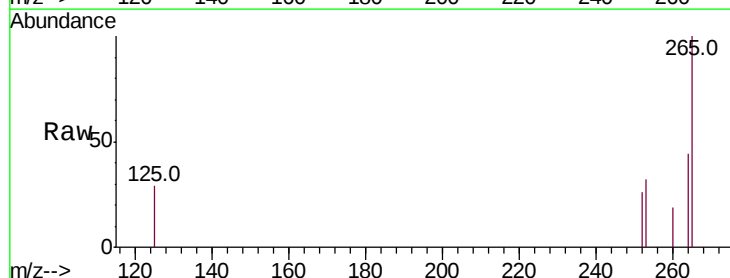
Tgt Ion:252 Resp: 3

Ion Ratio Lower Upper

252 100

253 124.4 16.0 24.0#

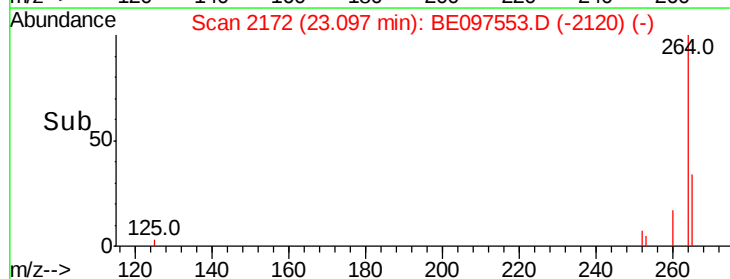
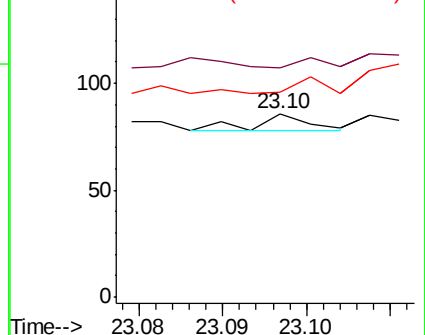
125 111.6 12.0 18.0#

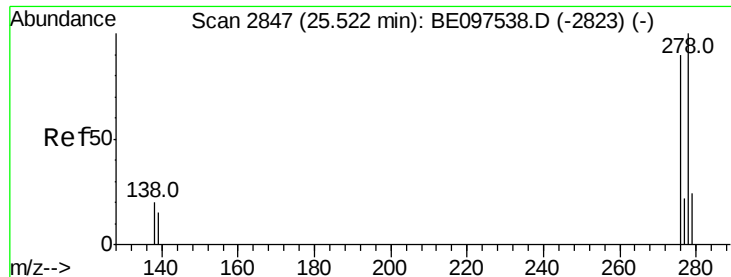


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Dibenzo(a,h)anthracene

Concen: 0.000 ng

RT: 25.55 min Scan# 2856

Delta R.T. 0.03 min

Lab File: BE097553.D

Acq: 19 Sep 2018 23:08

Instrument :

BNA_E

ClientSampleId :

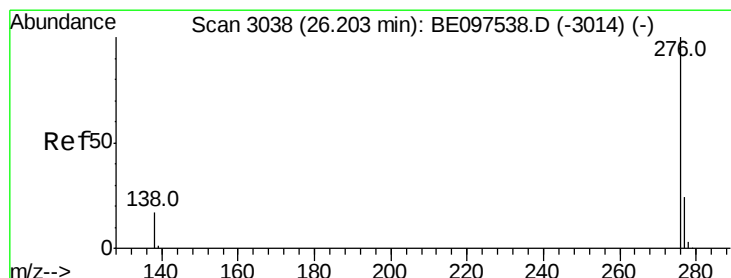
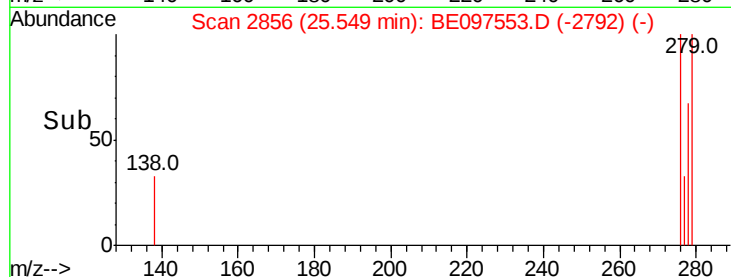
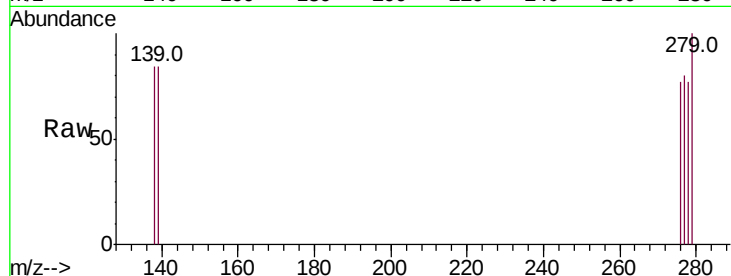
Tot Ion:278 Resp: 1

Ion Ratio Lower Upper

278 100

139 110.2 16.0 24.0#

279 130.6 20.0 30.0#



#39

Benzo(g,h,i)perylene

Concen: 0.000 ng

RT: 26.22 min Scan# 3043

Delta R.T. 0.01 min

Lab File: BE097553.D

Acq: 19 Sep 2018 23:08

Tgt Ion:276 Resp: 2

Ion Ratio Lower Upper

276 100

277 102.0 16.0 24.0#

138 114.3 20.0 30.0#

