

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091918\
 Data File : BE097556.D
 Acq On : 20 Sep 2018 00:58
 Operator : SJ/JU
 Sample : J4958-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 20 05:11:10 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	744	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	3135	0.40	ng	0.01
13) Acenaphthene-d10	14.01	164	1630	0.40	ng	0.01
19) Phenanthrene-d10	16.77	188	4607	0.40	ng	0.01
27) Chrysene-d12	20.97	240	7685	0.40	ng	0.00
34) Perylene-d12	23.20	264	8725	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.05	112	329	0.15	ng	0.01
5) Phenol-d6	6.58	99	7	0.00	ng	-0.01
8) Nitrobenzene-d5	8.56	82	759	0.31	ng	0.04
11) 2-Methylnaphthalene-d10	11.74	152	1563	0.36	ng	0.02
14) 2,4,6-Tribromophenol	15.53	330	229	0.38	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	4287	0.74	ng	0.00
25) Fluoranthene-d10	18.80	212	23135	0.39	ng	0.00
29) Terphenyl-d14	19.41	244	5675	0.40	ng	0.00

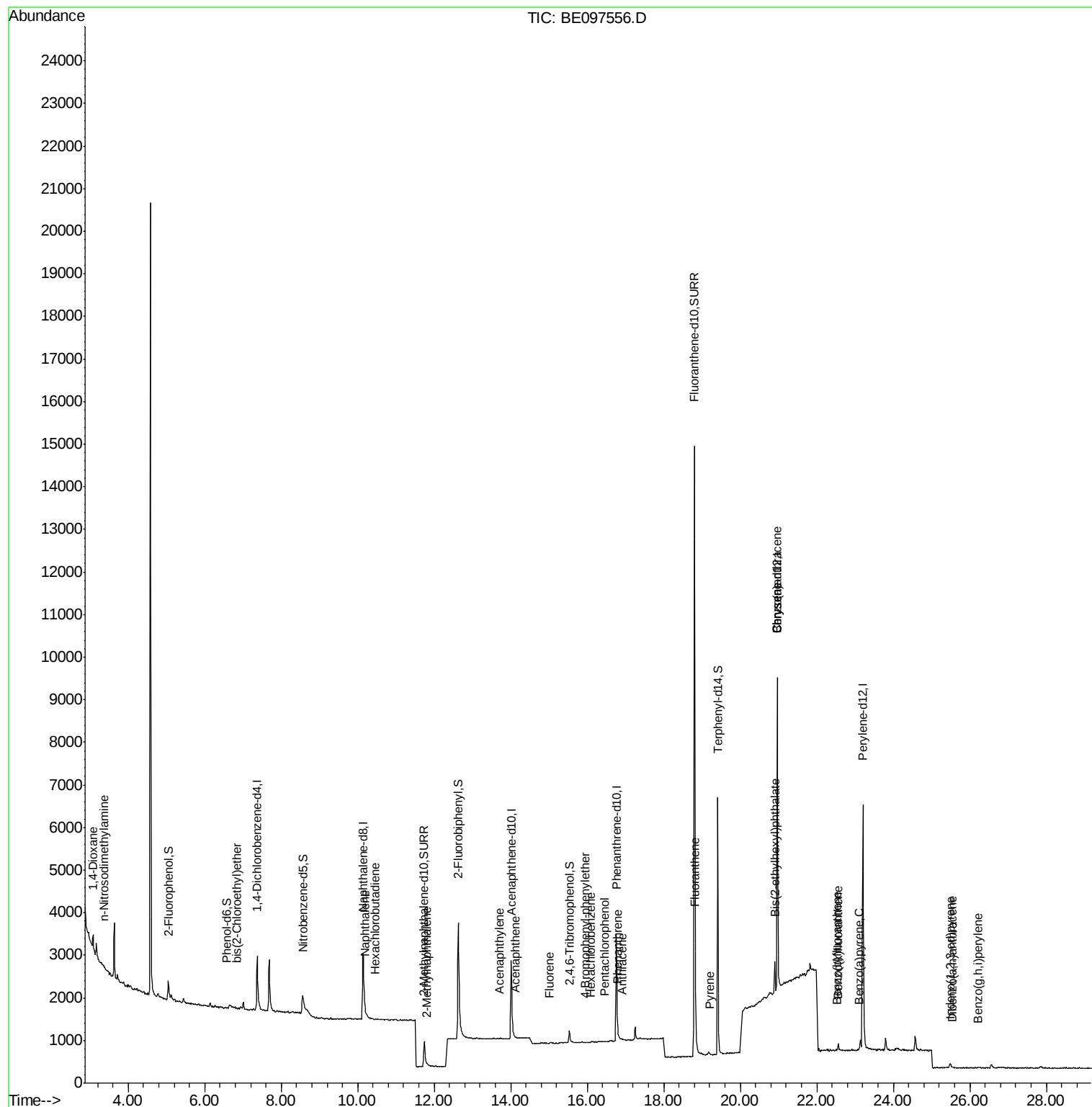
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.08	88	223	0.150	ng	# 58
3) n-Nitrosodimethylamine	3.36	42	53	0.063	ng	# 1
6) bis(2-Chloroethyl)ether	6.84	93	32	0.012	ng	# 1
9) Naphthalene	10.19	128	179	0.006	ng	# 50
10) Hexachlorobutadiene	10.46	225	6	0.005	ng	# 70
12) 2-Methylnaphthalene	11.81	142	31	0.007	ng	# 60
16) Acenaphthylene	13.71	152	14	0.002	ng	# 68
17) Acenaphthene	14.11	154	3	0.001	ng	# 5
18) Fluorene	15.02	166	5	0.001	ng	# 72
20) 4-Bromophenyl-phenylether	15.95	248	7	0.003	ng	# 60
21) Hexachlorobenzene	16.10	284	1	0.000	ng	# 38
22) Pentachlorophenol	16.46	266	10	0.139	ng	92
23) Phenanthrene	16.80	178	29	0.003	ng	# 65
24) Anthracene	16.91	178	5	0.001	ng	# 29
26) Fluoranthene	18.83	202	32	0.002	ng	# 74
28) Pyrene	19.20	202	27	0.002	ng	# 69
30) Benzo(a)anthracene	20.97	228	69	0.004	ng	# 1
31) Chrysene	20.97	228	59	0.003	ng	# 1
32) Bis(2-ethylhexyl)phthalate	20.91	149	1200	0.047	ng	# 99
33) Indeno(1,2,3-cd)pyrene	25.49	276	3	0.000	ng	# 1
35) Benzo(b)fluoranthene	22.52	252	2	0.000	ng	# 1
36) Benzo(k)fluoranthene	22.56	252	38	0.001	ng	# 1
37) Benzo(a)pyrene	23.10	252	14	0.021	ng	# 1
38) Dibenzo(a,h)anthracene	25.53	278	2	0.000	ng	# 1
39) Benzo(g,h,i)perylene	26.21	276	6	0.000	ng	# 1

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

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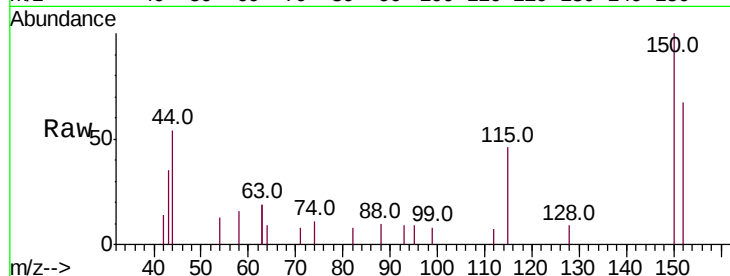


#1

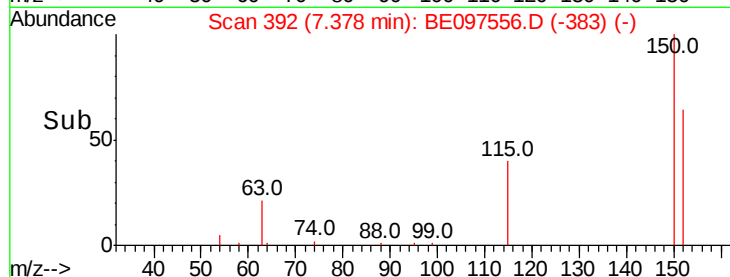
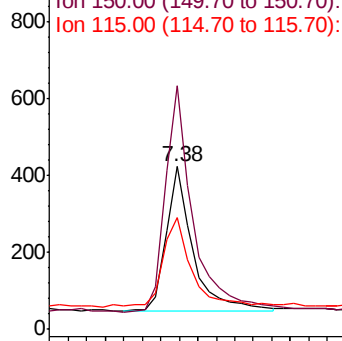
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097556.D
Acq: 20 Sep 2018 00:58

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 744
Ion Ratio Lower Upper
152 100
150 149.9 117.2 175.8
115 69.0 57.0 85.6



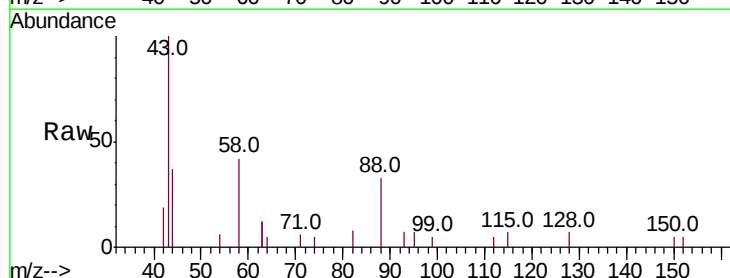
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



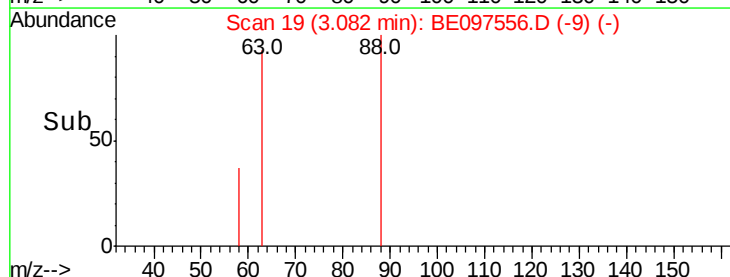
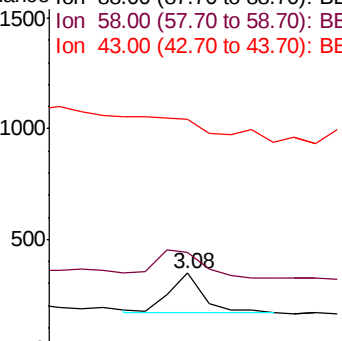
#2

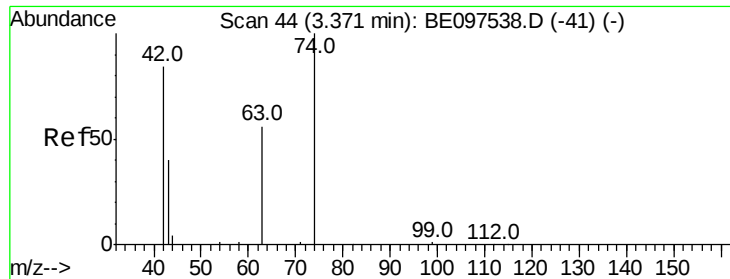
1,4-Dioxane
Concen: 0.150 ng
RT: 3.08 min Scan# 19
Delta R.T. 0.01 min
Lab File: BE097556.D
Acq: 20 Sep 2018 00:58

Tgt Ion: 88 Resp: 223
Ion Ratio Lower Upper
88 100
58 98.2 63.2 94.8#
43 0.0 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: 0.063 ng

RT: 3.36 min Scan# 43

Delta R.T. -0.01 min

Lab File: BE097556.D

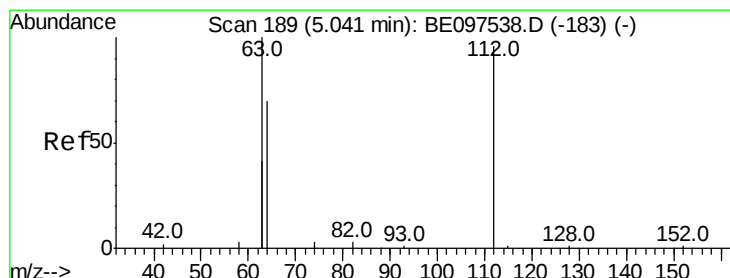
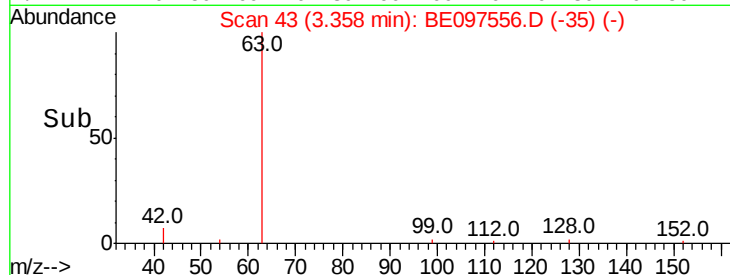
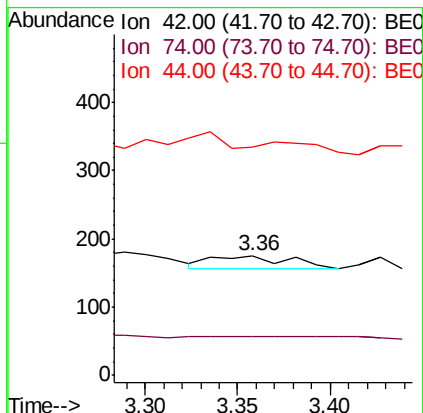
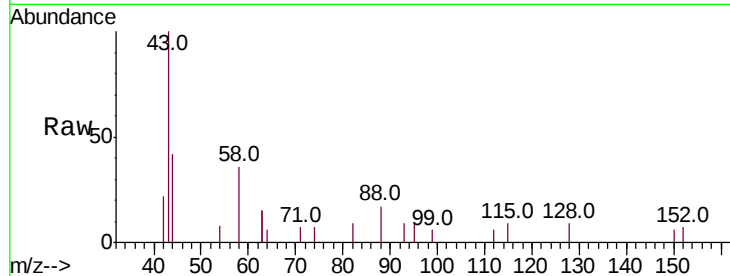
Acq: 20 Sep 2018 00:58

Instrument :

BNA_E

ClientSampleId :

Tot Ion:	42	Resp:	53
Ion	Ratio	Lower	Upper
42	100		
74	0.0	96.0	144.0#
44	75.5	12.0	18.0#



#4

2-Fluorophenol

Concen: 0.148 ng

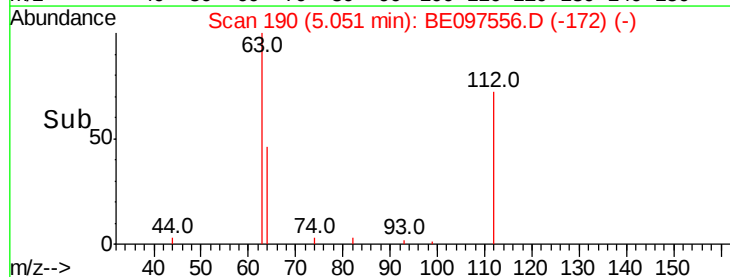
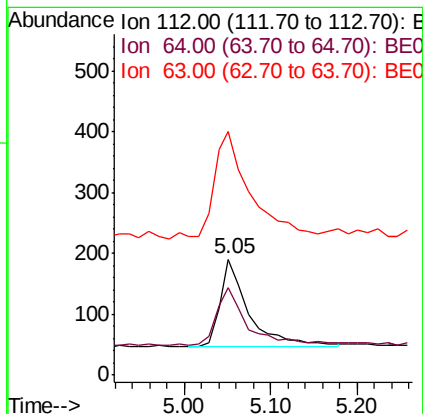
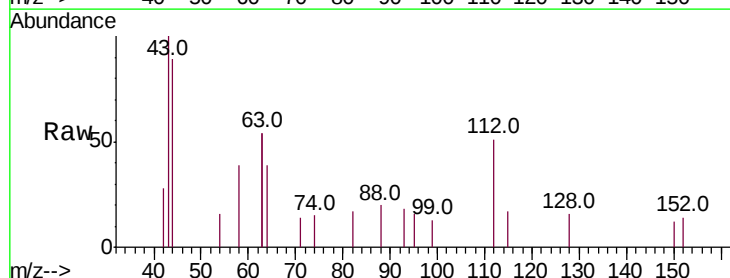
RT: 5.05 min Scan# 190

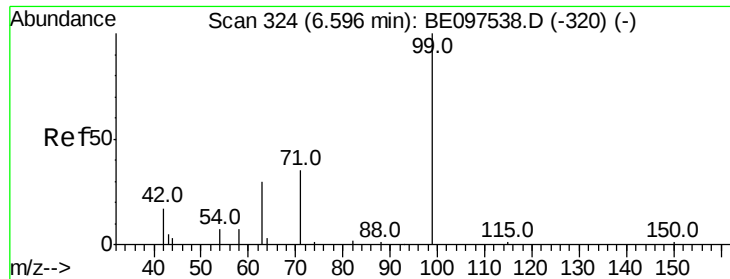
Delta R.T. 0.01 min

Lab File: BE097556.D

Acq: 20 Sep 2018 00:58

Tgt Ion:	112	Resp:	329
Ion	Ratio	Lower	Upper
112	100		
64	70.2	60.1	90.1
63	158.7	116.8	175.2





#5

Phenol-d6

Concen: 0.002 ng

RT: 6.58 min Scan# 323

Delta R.T. -0.01 min

Lab File: BE097556.D

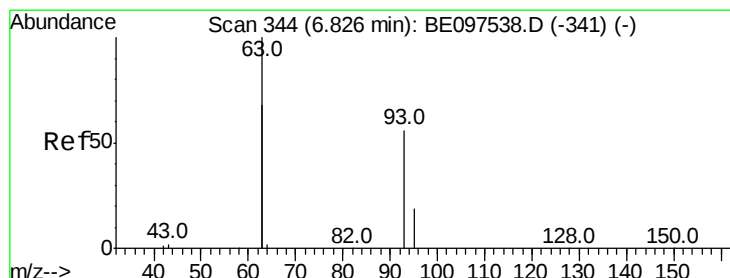
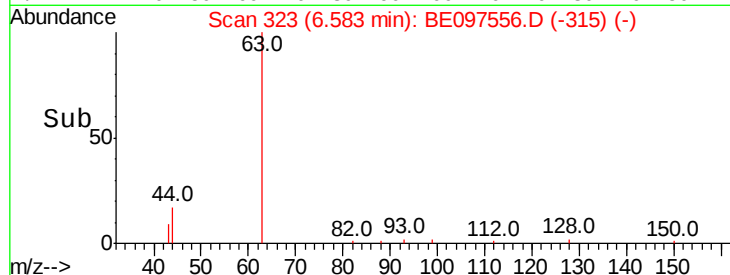
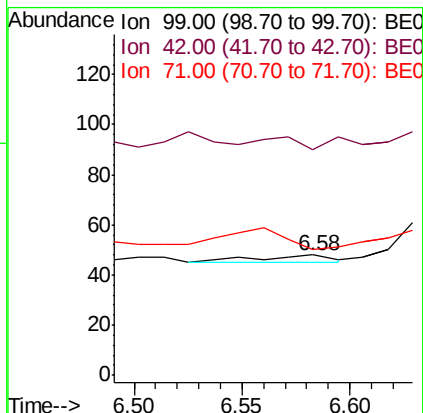
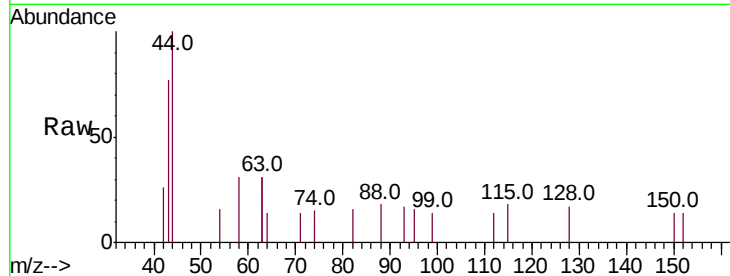
Acq: 20 Sep 2018 00:58

Instrument :

BNA_E

ClientSampled :

Tot Ion:	99	Resp:	7
Ion	Ratio	Lower	Upper
99	100		
42	85.7	20.2	30.2#
71	0.0	28.4	42.6#



#6

bis(2-Chloroethyl)ether

Concen: 0.012 ng

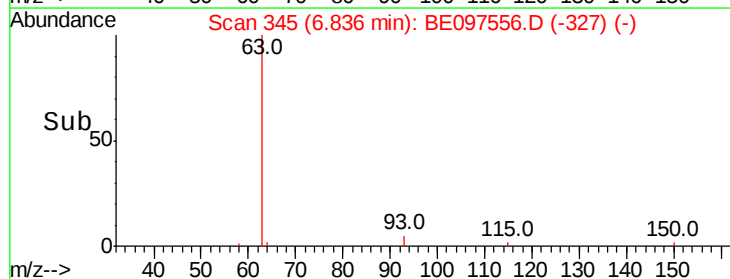
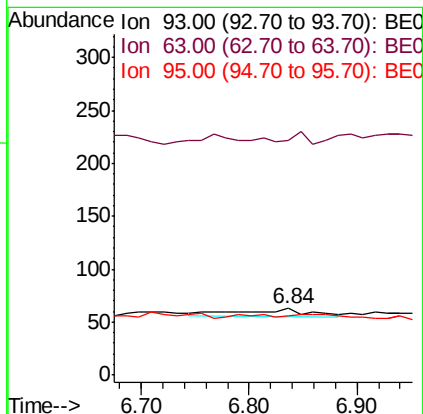
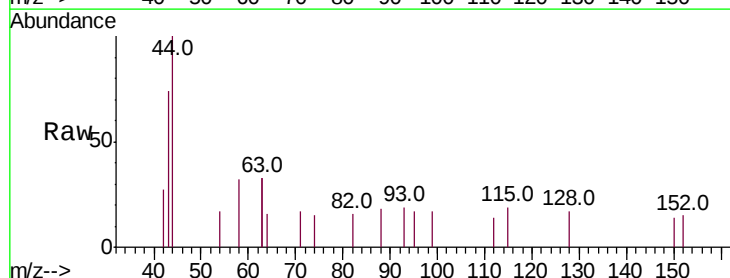
RT: 6.84 min Scan# 345

Delta R.T. 0.01 min

Lab File: BE097556.D

Acq: 20 Sep 2018 00:58

Tgt Ion:	93	Resp:	32
Ion	Ratio	Lower	Upper
93	100		
63	34.4	275.3	412.9#
95	31.3	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: BE097556.D

Acq: 20 Sep 2018 00:58

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 3135

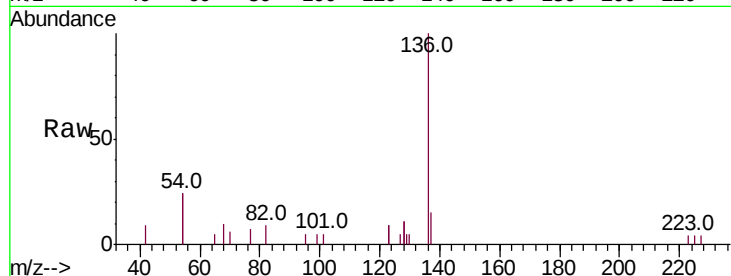
Ion Ratio Lower Upper

136 100

137 14.8 9.5 14.3#

54 48.3 29.1 43.7#

68 10.1 6.2 9.2#



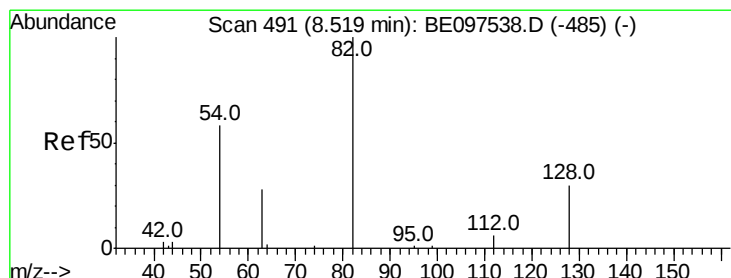
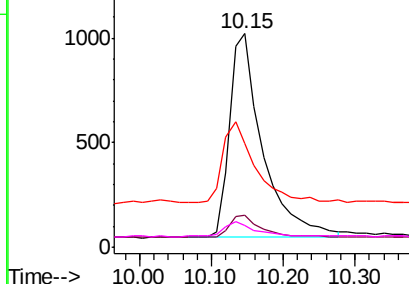
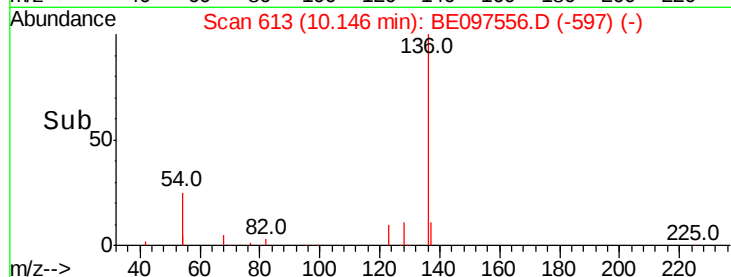
Abundance

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: 0.313 ng

RT: 8.56 min Scan# 495

Delta R.T. 0.04 min

Lab File: BE097556.D

Acq: 20 Sep 2018 00:58

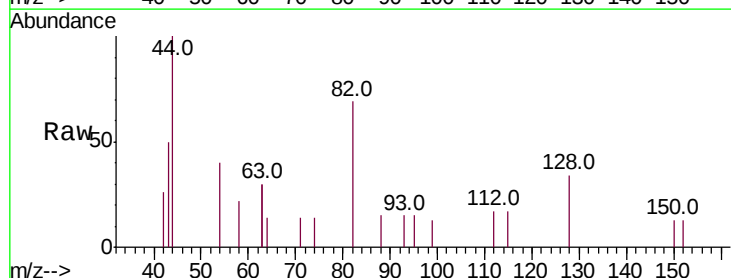
Tgt Ion: 82 Resp: 759

Ion Ratio Lower Upper

82 100

128 48.8 24.0 36.0#

54 57.6 40.0 60.0

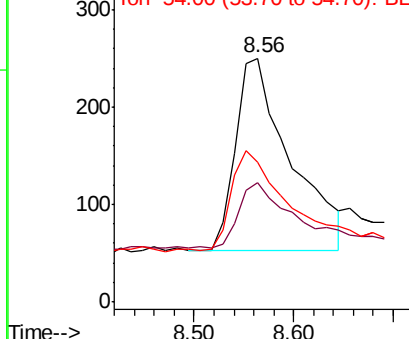
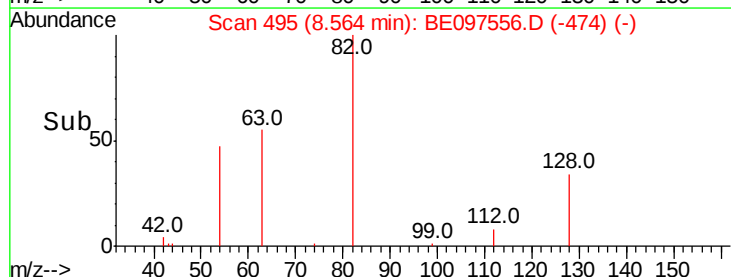


Abundance

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: 0.006 ng

RT: 10.19 min Scan# 616

Delta R.T. 0.01 min

Lab File: BE097556.D

Acq: 20 Sep 2018 00:58

Instrument :

BNA_E

ClientSampleId :

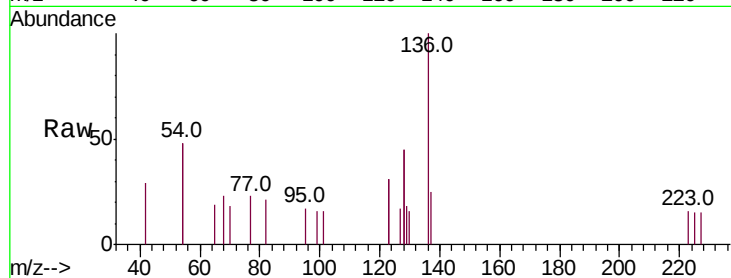
Tot Ion:128 Resp: 179

Ion Ratio Lower Upper

128 100

129 20.2 2.6 3.8#

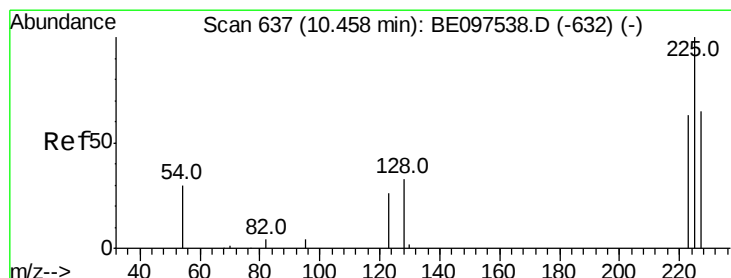
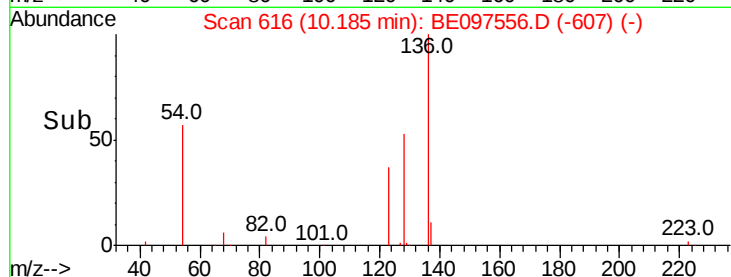
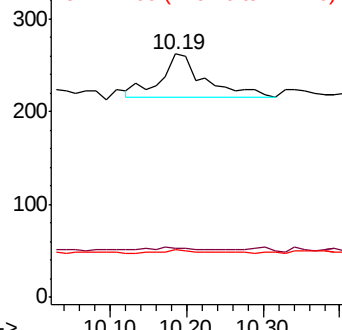
127 19.5 2.8 4.2#



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: 0.005 ng

RT: 10.46 min Scan# 637

Delta R.T. 0.00 min

Lab File: BE097556.D

Acq: 20 Sep 2018 00:58

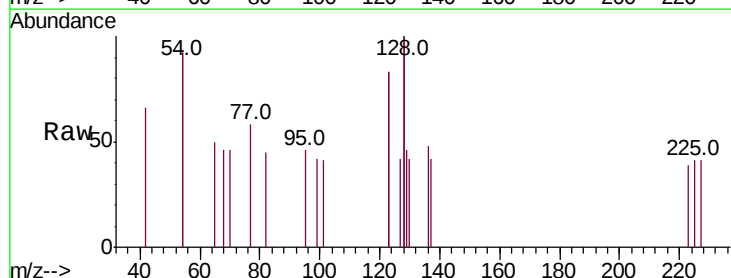
Tgt Ion:225 Resp: 6

Ion Ratio Lower Upper

225 100

223 50.0 53.0 79.6#

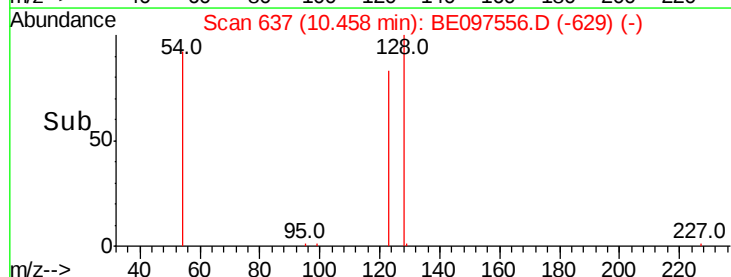
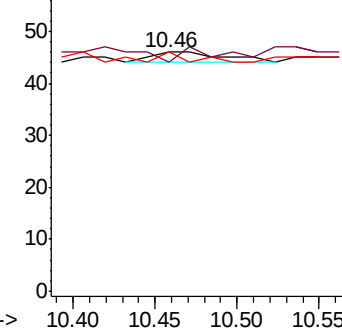
227 33.3 51.4 77.2#



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

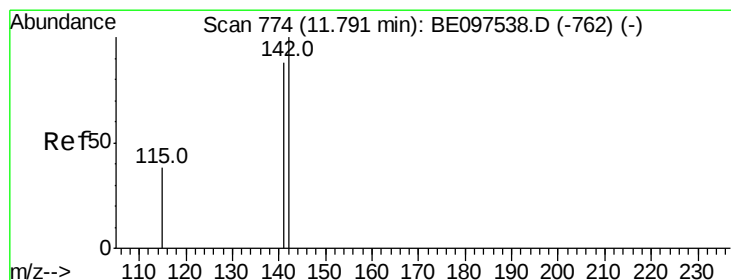
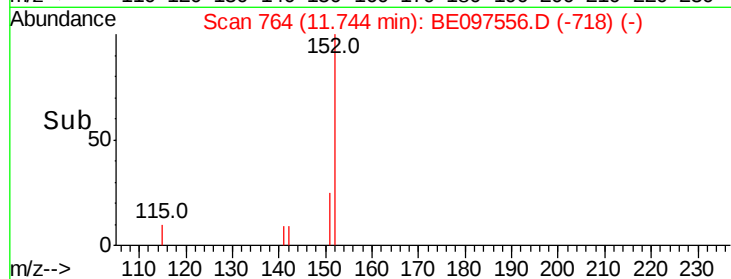
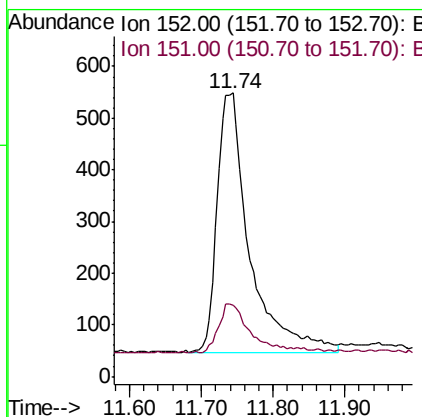
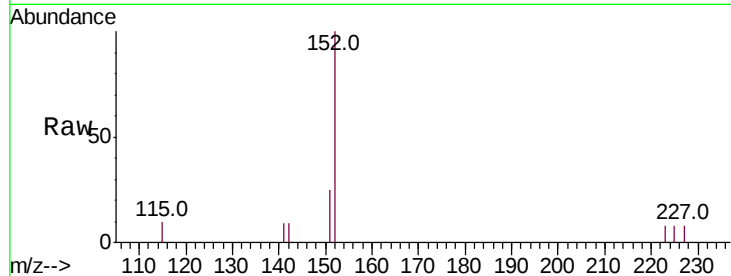




#11
2-Methylnaphthalene-d10
Concen: 0.362 ng
RT: 11.74 min Scan# 764
Delta R.T. 0.02 min
Lab File: BE097556.D
Acq: 20 Sep 2018 00:58

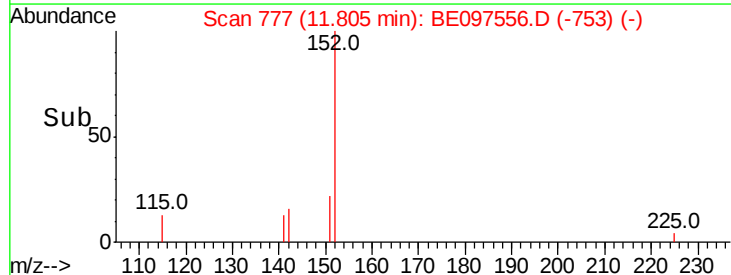
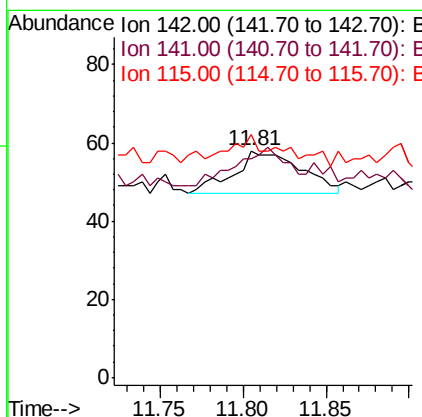
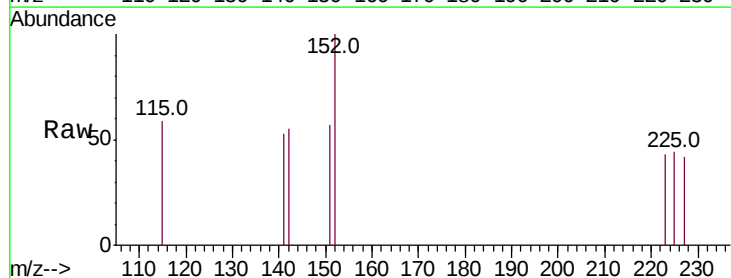
Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1563
Ion Ratio Lower Upper
152 100
151 18.2 15.4 23.0



#12
2-Methylnaphthalene
Concen: 0.007 ng
RT: 11.81 min Scan# 777
Delta R.T. 0.01 min
Lab File: BE097556.D
Acq: 20 Sep 2018 00:58

Tgt Ion:142 Resp: 31
Ion Ratio Lower Upper
142 100
141 96.6 70.4 105.6
115 106.9 31.7 47.5#

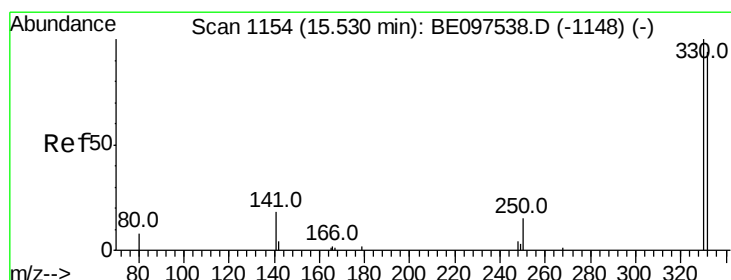
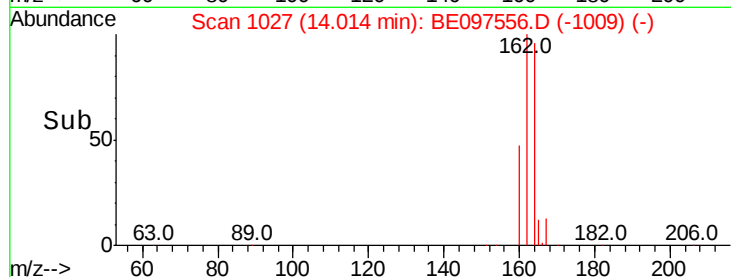
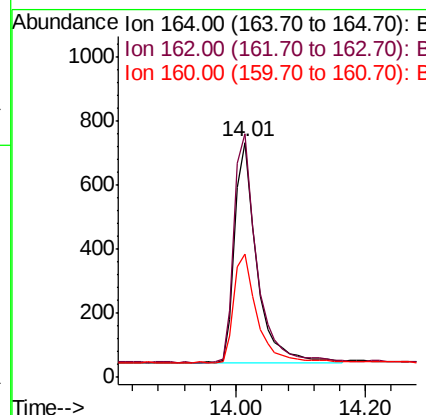
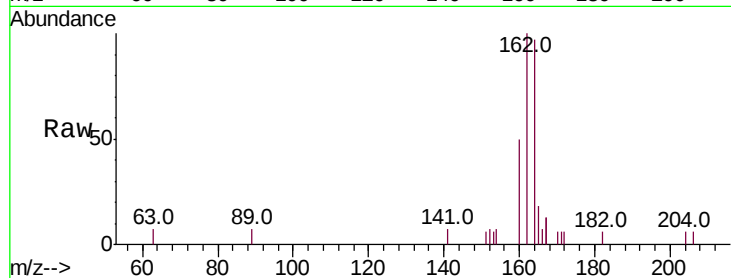




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BE097556.D
Acq: 20 Sep 2018 00:58

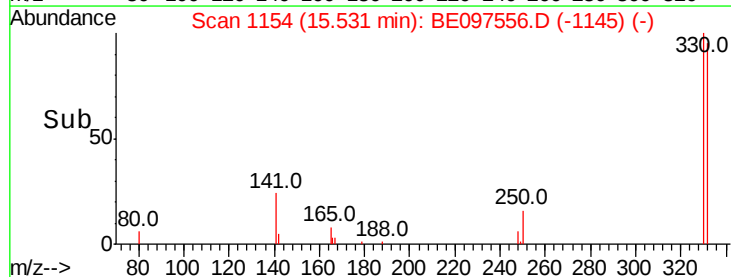
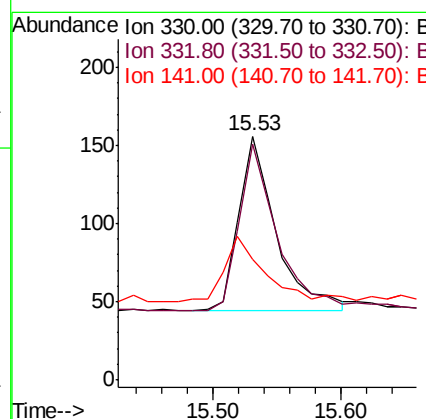
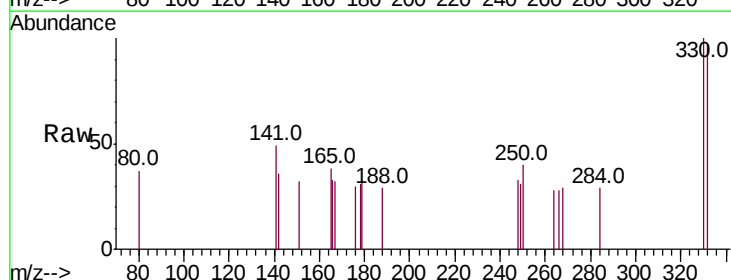
Instrument :
BNA_E
ClientSampleId :

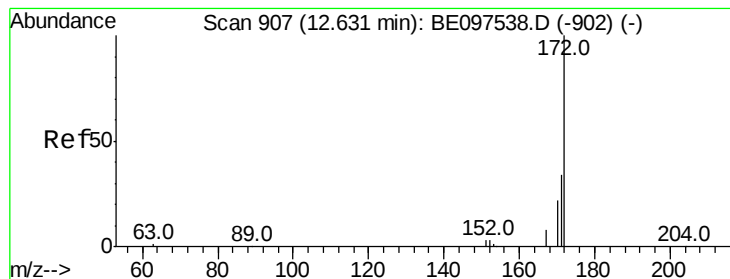
Tot Ion:164 Resp: 1630
Ion Ratio Lower Upper
164 100
162 103.5 83.1 124.7
160 52.3 37.1 55.7



#14
2,4,6-Tribromophenol
Concen: 0.382 ng
RT: 15.53 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE097556.D
Acq: 20 Sep 2018 00:58

Tgt Ion:330 Resp: 229
Ion Ratio Lower Upper
330 100
332 96.1 152.7 229.1#
141 40.6 33.7 50.5

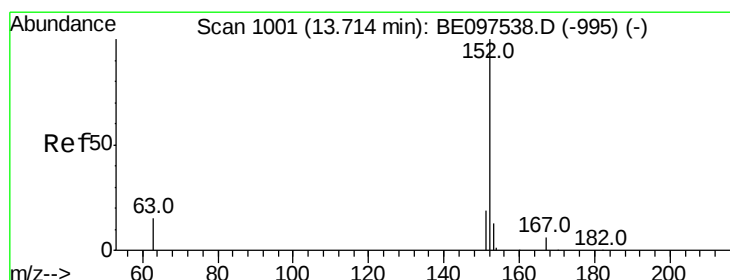
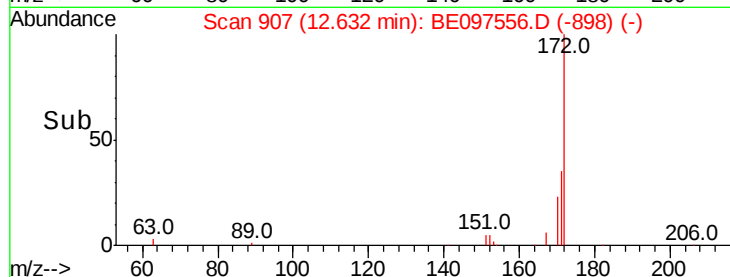
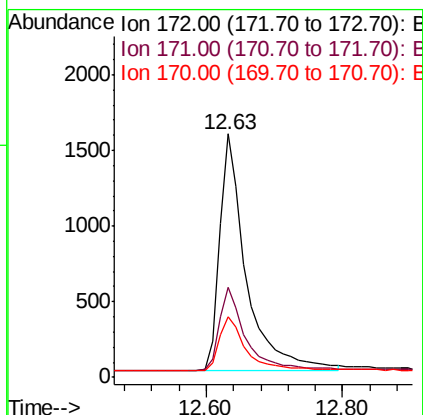
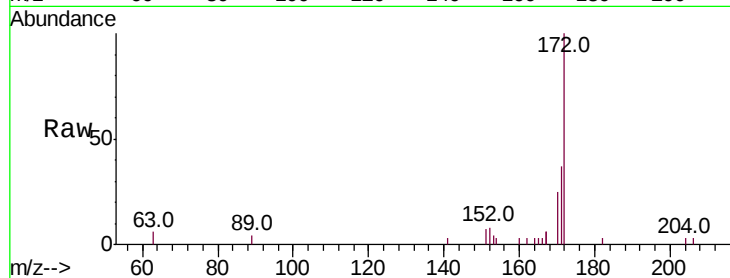




#15
2-Fluorobiphenyl
Concen: 0.744 ng
RT: 12.63 min Scan# 907
Delta R.T. 0.00 min
Lab File: BE097556.D
Acq: 20 Sep 2018 00:58

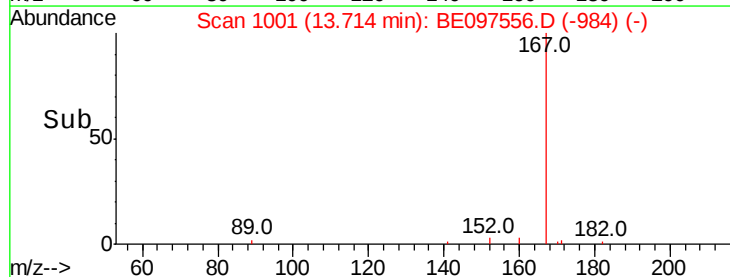
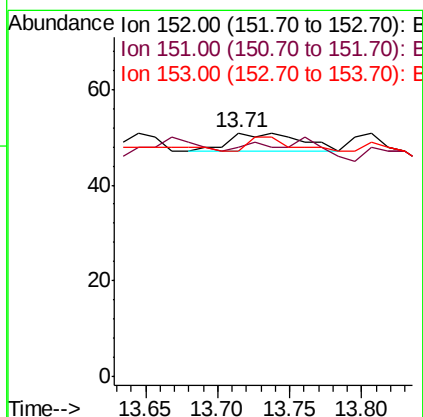
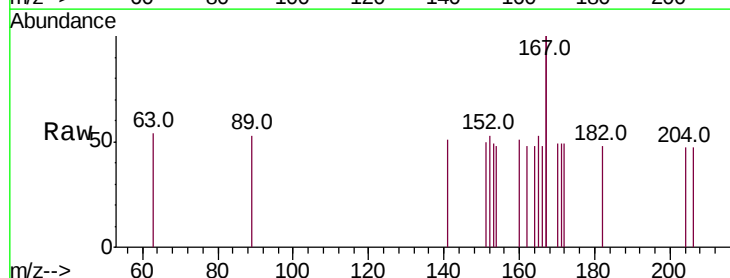
Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 4287
Ion Ratio Lower Upper
172 100
171 37.1 29.9 44.9
170 25.1 21.8 32.8



#16
Acenaphthylene
Concen: 0.002 ng
RT: 13.71 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BE097556.D
Acq: 20 Sep 2018 00:58

Tgt Ion:152 Resp: 14
Ion Ratio Lower Upper
152 100
151 21.4 15.7 23.5
153 42.9 10.5 15.7#





#17

Acenaphthene

Concen: 0.001 ng

RT: 14.11 min Scan# 1035

Delta R.T. 0.05 min

Lab File: BE097556.D

Acq: 20 Sep 2018 00:58

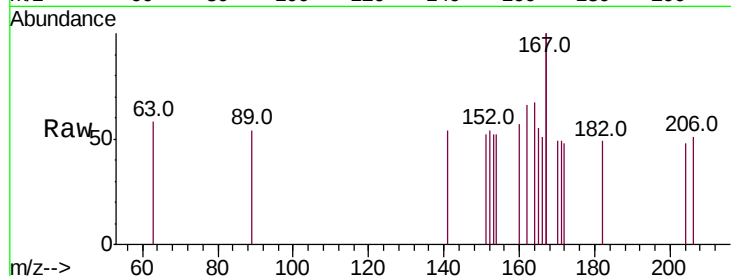
Instrument :

BNA_E

ClientSampleId :

Tot Ion:154 Resp: 3

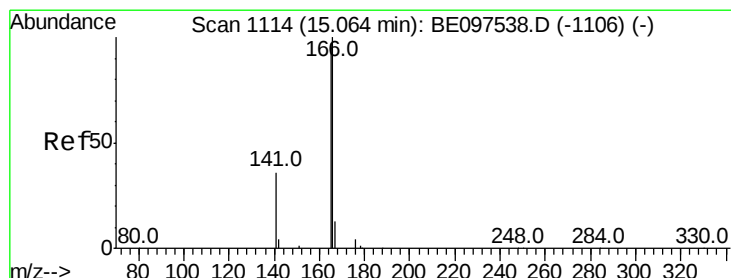
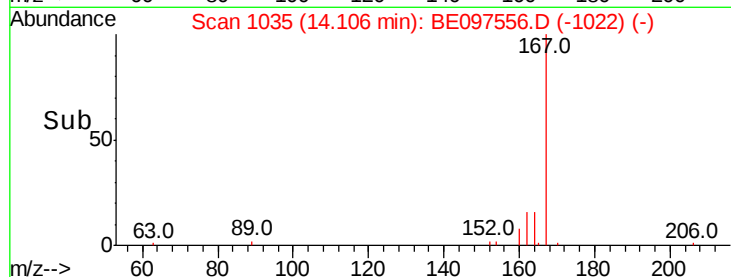
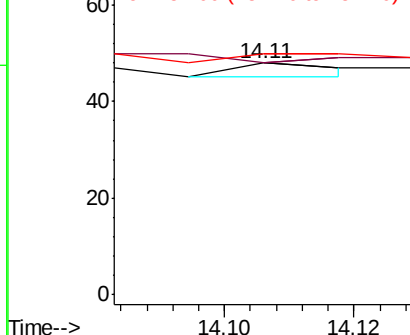
Ion	Ratio	Lower	Upper
154	100		
153	0.0	89.2	133.8#
152	0.0	42.0	63.0#



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: 0.001 ng

RT: 15.02 min Scan# 1110

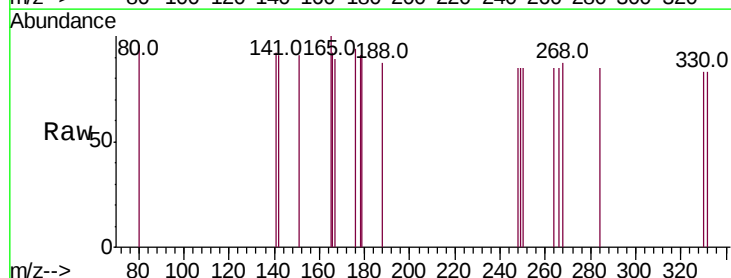
Delta R.T. -0.05 min

Lab File: BE097556.D

Acq: 20 Sep 2018 00:58

Tgt Ion:166 Resp: 5

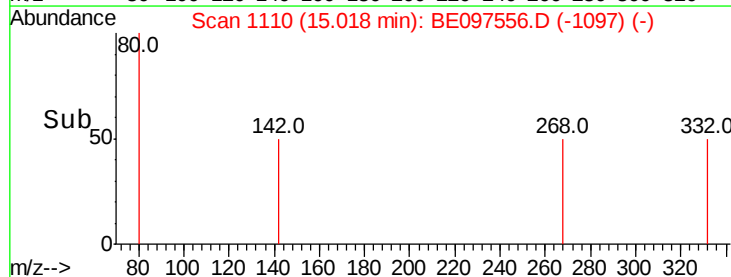
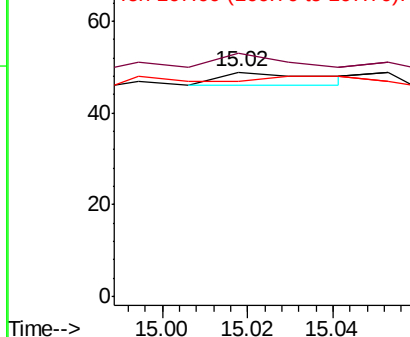
Ion	Ratio	Lower	Upper
166	100		
165	60.0	77.8	116.6#
167	60.0	42.4	63.6



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: 16.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: BE097556.D

Acq: 20 Sep 2018 00:58

Instrument :

BNA_E

ClientSampled :

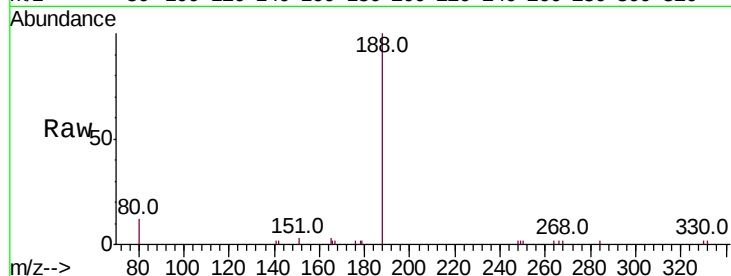
Tot Ion:188 Resp: 4607

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

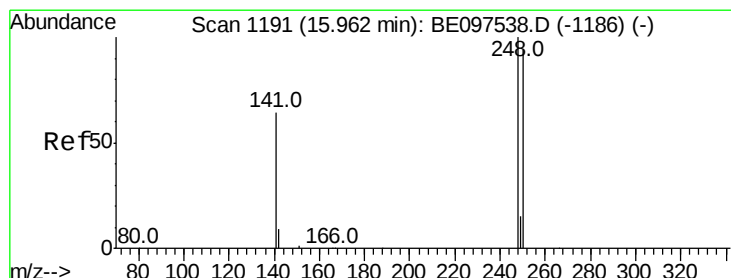
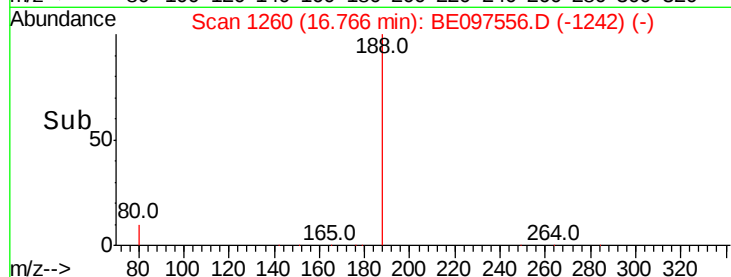
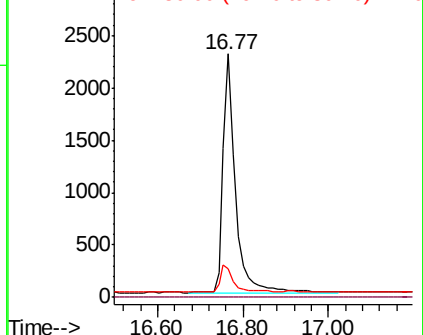
80 11.9 3.6 5.4#



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: 0.003 ng

RT: 15.95 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BE097556.D

Acq: 20 Sep 2018 00:58

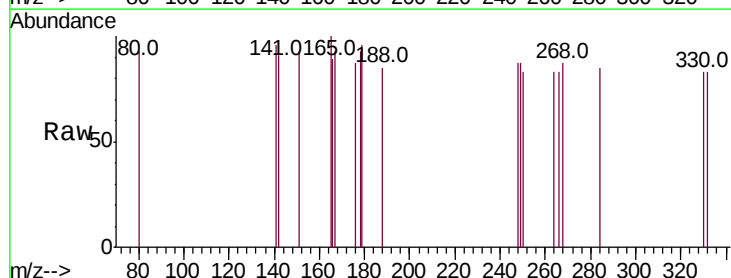
Tgt Ion:248 Resp: 7

Ion Ratio Lower Upper

248 100

250 95.7 62.7 94.1#

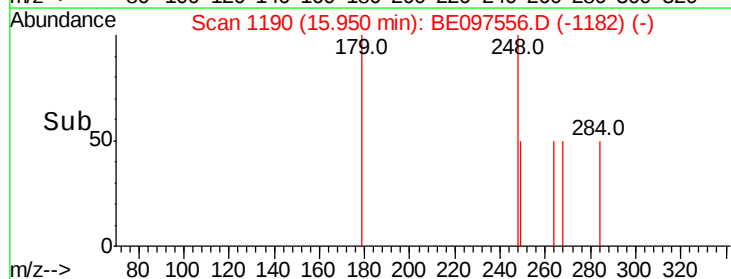
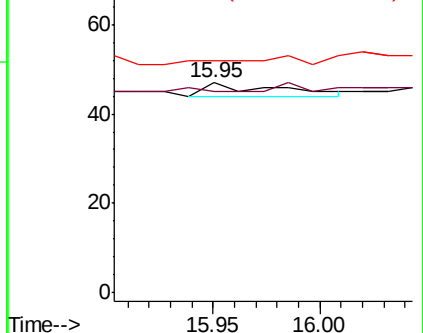
141 110.6 48.2 72.2#

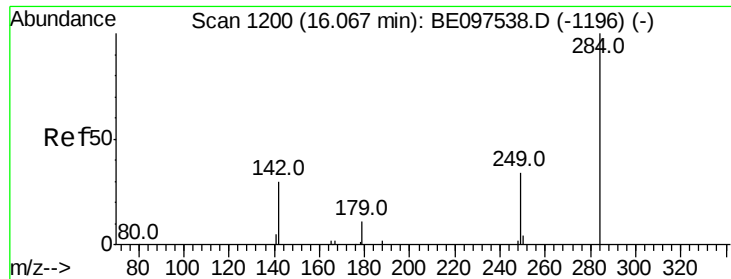


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.000 ng

RT: 16.10 min Scan# 1203

Delta R.T. 0.04 min

Lab File: BE097556.D

Acq: 20 Sep 2018 00:58

Instrument :

BNA_E

ClientSampleId :

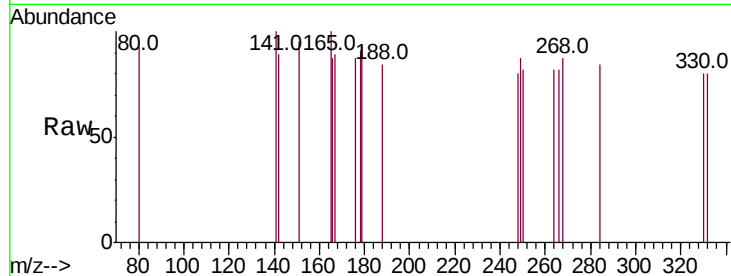
Tot Ion:284 Resp: 1

Ion Ratio Lower Upper

284 100

142 0.0 22.1 33.1#

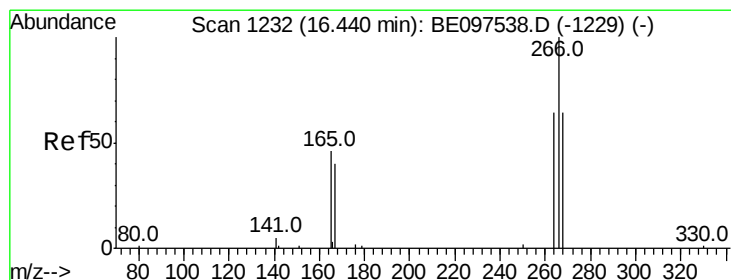
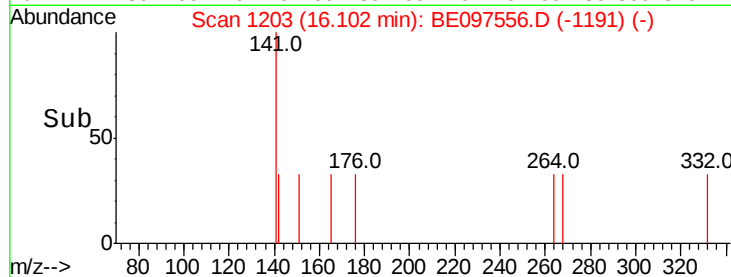
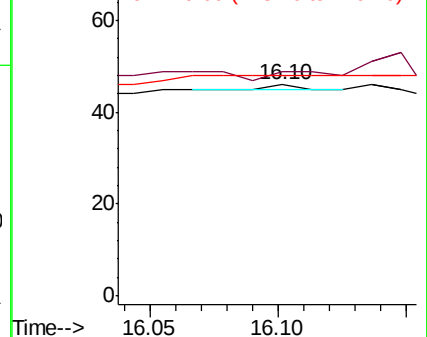
249 0.0 34.8 52.2#



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: 0.139 ng

RT: 16.46 min Scan# 1234

Delta R.T. 0.02 min

Lab File: BE097556.D

Acq: 20 Sep 2018 00:58

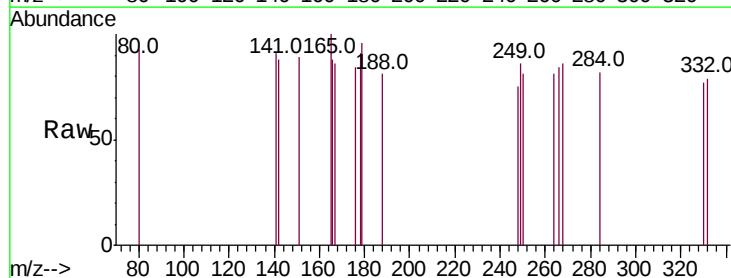
Tgt Ion:266 Resp: 10

Ion Ratio Lower Upper

266 100

264 95.8 72.5 108.7

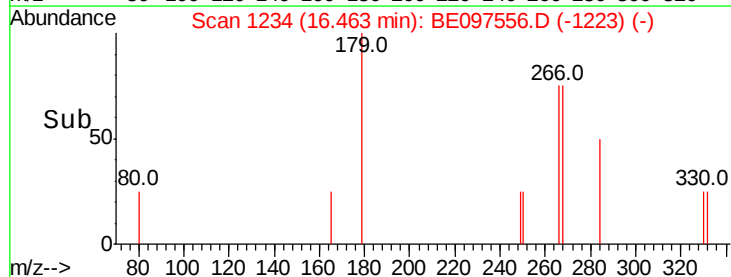
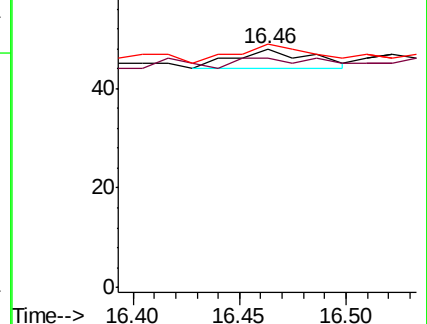
268 102.1 73.8 110.6



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: 0.003 ng

RT: 16.80 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BE097556.D

Acq: 20 Sep 2018 00:58

Instrument :

BNA_E

ClientSampleId :

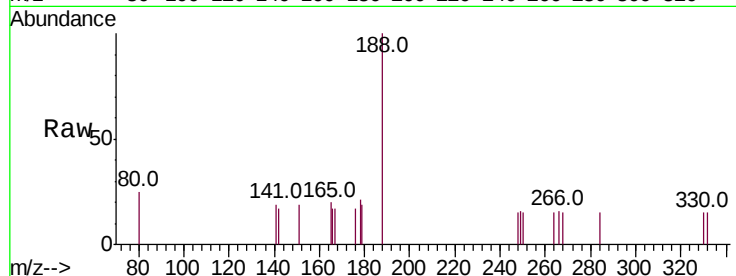
Tot Ion:178 Resp: 29

Ion Ratio Lower Upper

178 100

176 34.5 15.1 22.7#

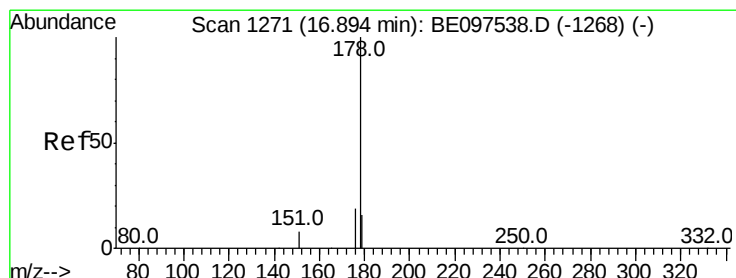
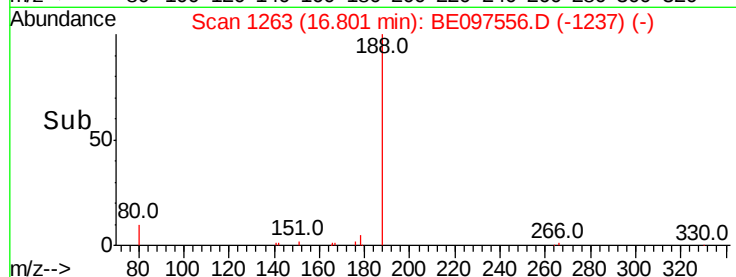
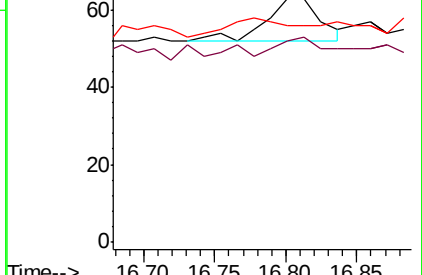
179 0.0 11.8 17.6#



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



#24

Anthracene

Concen: 0.001 ng

RT: 16.91 min Scan# 1272

Delta R.T. 0.01 min

Lab File: BE097556.D

Acq: 20 Sep 2018 00:58

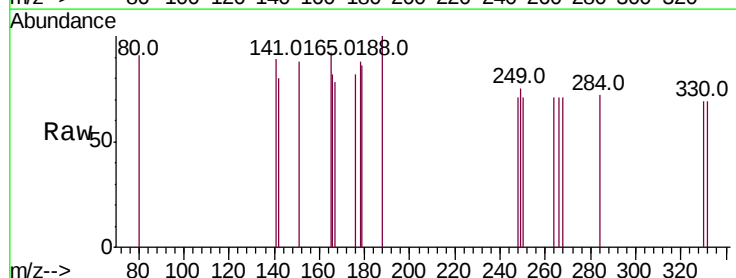
Tgt Ion:178 Resp: 5

Ion Ratio Lower Upper

178 100

176 60.0 12.8 19.2#

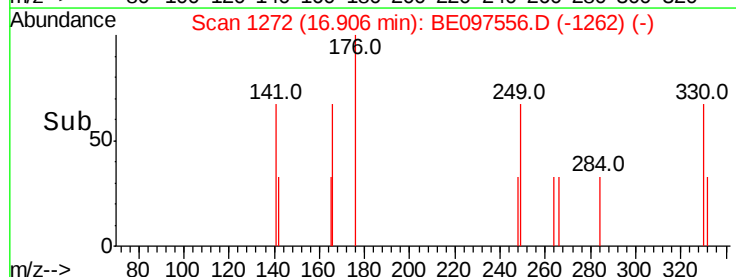
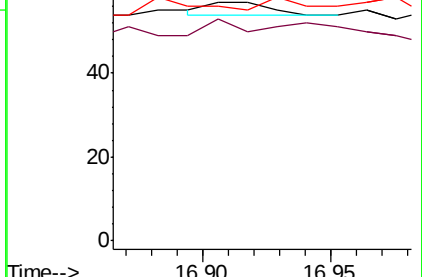
179 0.0 13.0 19.6#



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: 0.392 ng

RT: 18.80 min Scan# 1500

Delta R.T. 0.00 min

Lab File: BE097556.D

Acq: 20 Sep 2018 00:58

Instrument :

BNA_E

ClientSampleId :

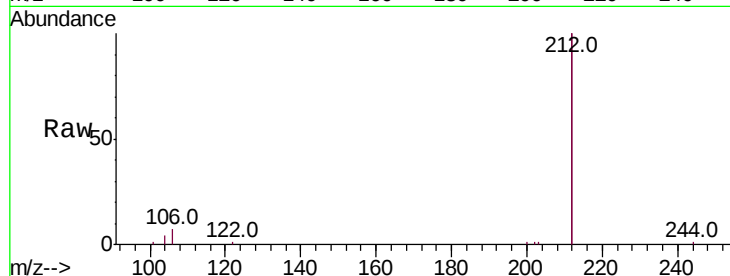
Tot Ion:212 Resp: 23135

Ion Ratio Lower Upper

212 100

106 3.3 2.8 4.2

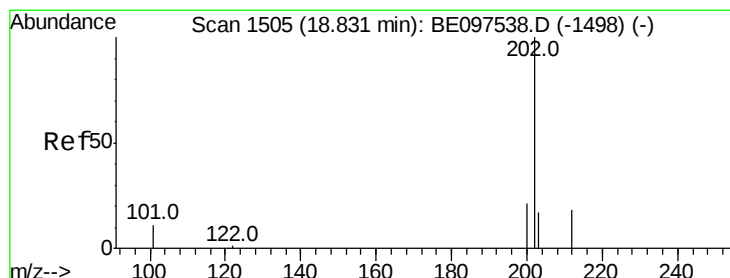
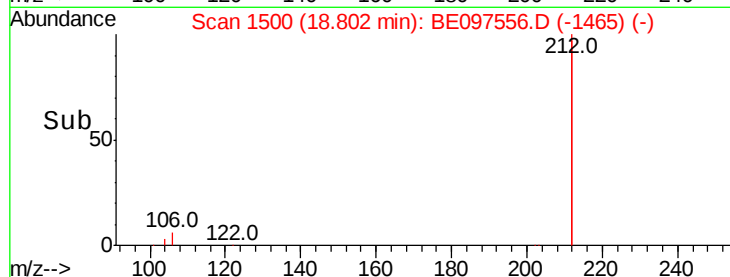
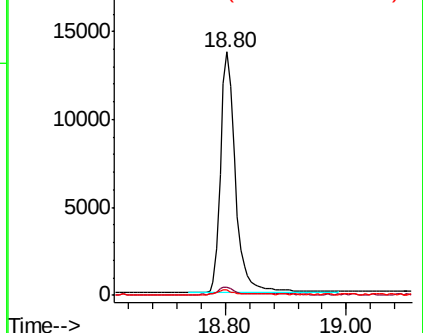
104 1.8 1.6 2.4



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: 18.83 min Scan# 1505

Delta R.T. 0.00 min

Lab File: BE097556.D

Acq: 20 Sep 2018 00:58

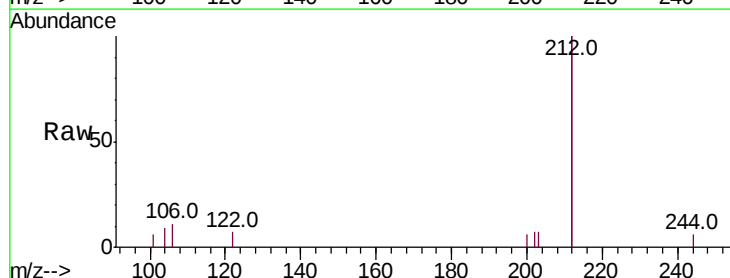
Tgt Ion:202 Resp: 32

Ion Ratio Lower Upper

202 100

101 9.4 9.8 14.8#

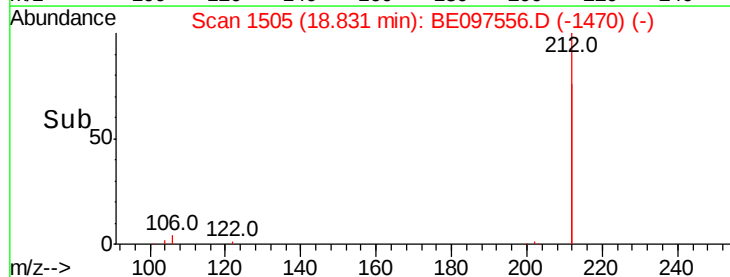
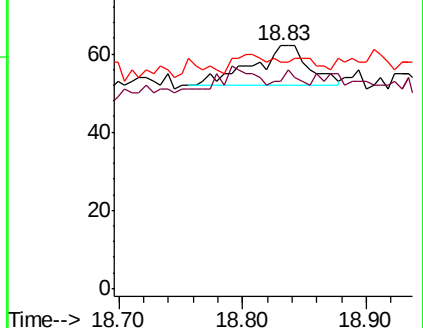
203 0.0 13.7 20.5#



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: 20.97 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BE097556.D

Acq: 20 Sep 2018 00:58

Instrument :

BNA_E

ClientSampleId :

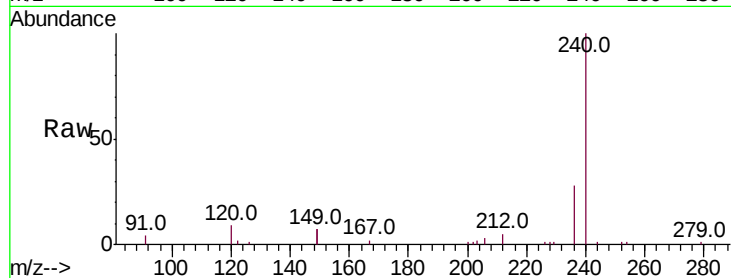
Tot Ion:240 Resp: 7685

Ion Ratio Lower Upper

240 100

120 9.4 5.5 8.3#

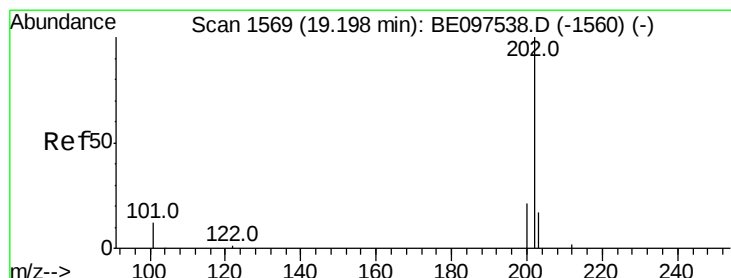
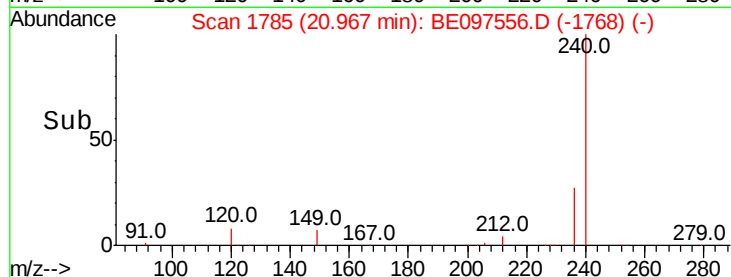
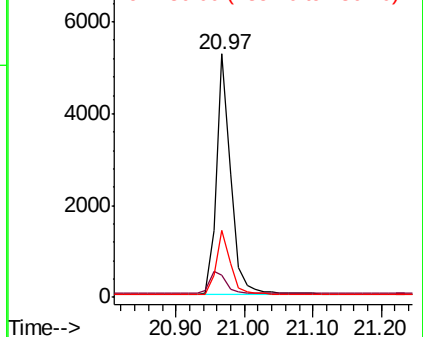
236 27.5 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.002 ng

RT: 19.20 min Scan# 1570

Delta R.T. 0.01 min

Lab File: BE097556.D

Acq: 20 Sep 2018 00:58

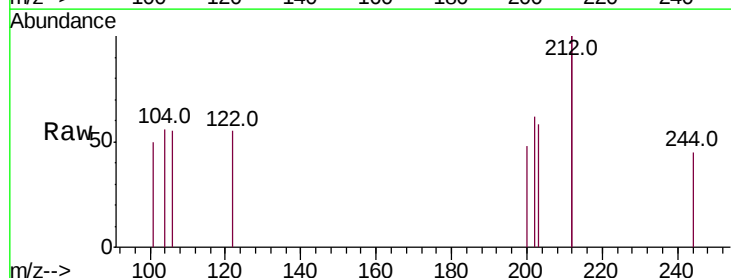
Tgt Ion:202 Resp: 27

Ion Ratio Lower Upper

202 100

200 18.5 16.6 25.0

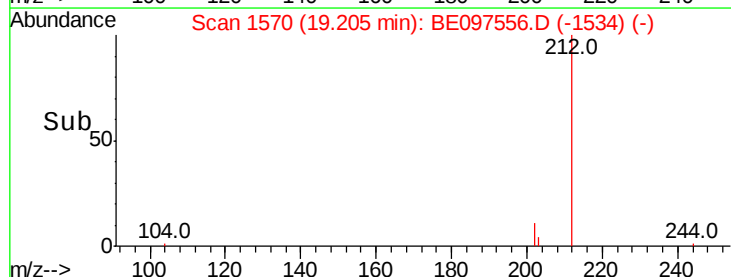
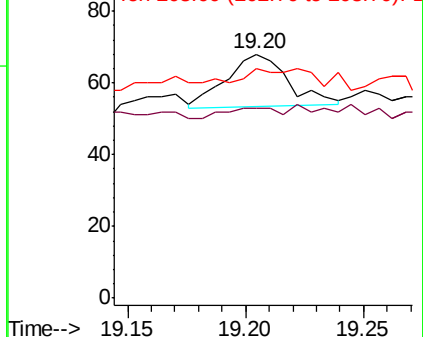
203 44.4 13.8 20.8#

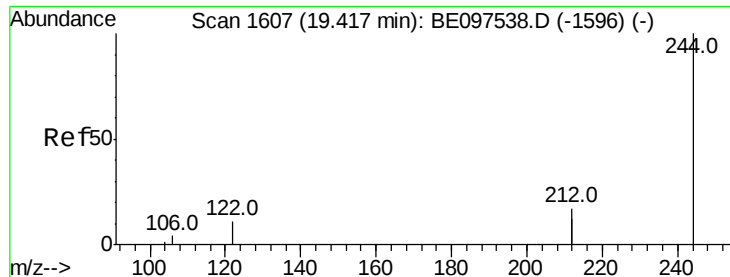


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.403 ng

RT: 19.41 min Scan# 1606

Delta R.T. -0.01 min

Lab File: BE097556.D

Acq: 20 Sep 2018 00:58

Instrument :

BNA_E

ClientSampled :

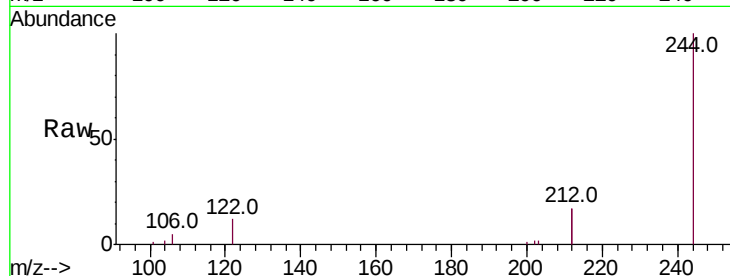
Tot Ion:244 Resp: 5675

Ion Ratio Lower Upper

244 100

212 33.8 25.4 38.0

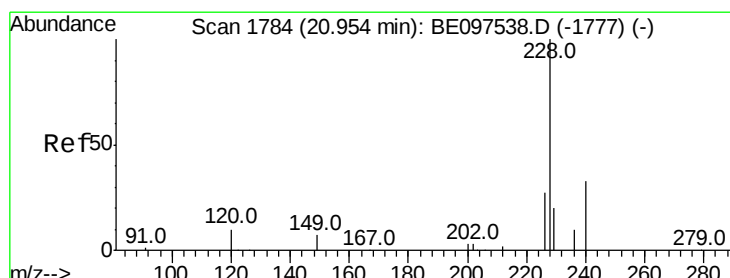
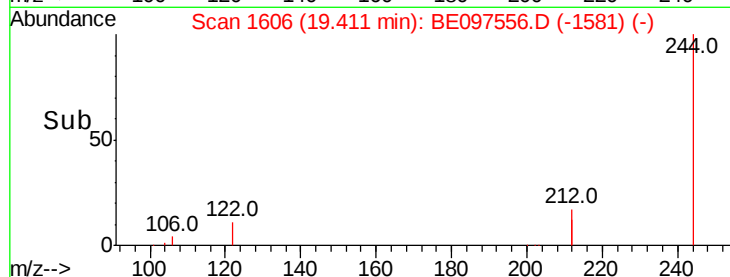
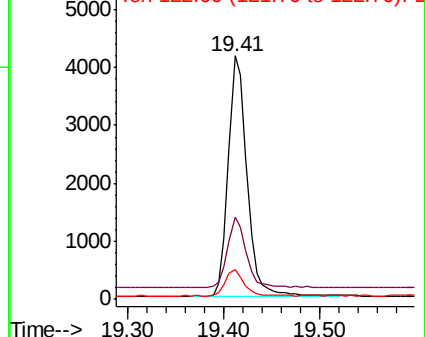
122 12.3 8.1 12.1#



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: 0.004 ng

RT: 20.97 min Scan# 1785

Delta R.T. 0.01 min

Lab File: BE097556.D

Acq: 20 Sep 2018 00:58

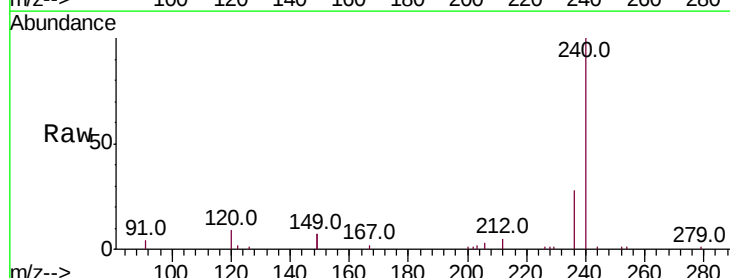
Tgt Ion:228 Resp: 69

Ion Ratio Lower Upper

228 100

226 85.5 24.0 36.0#

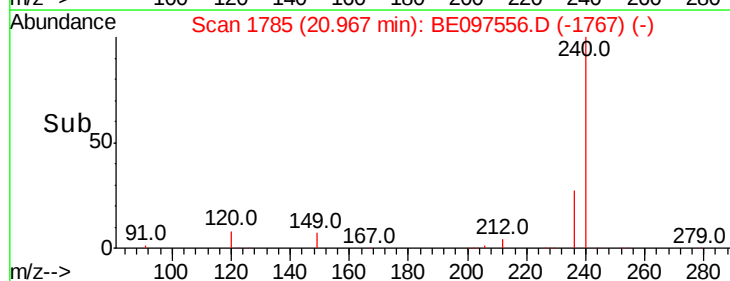
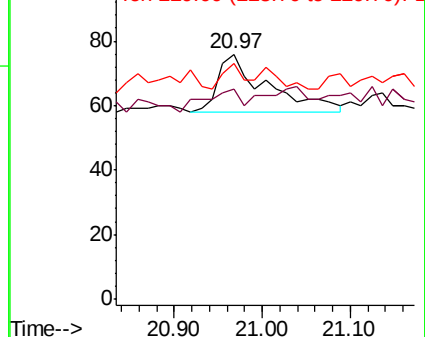
229 96.1 16.0 24.0#



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: 0.003 ng

RT: 20.97 min Scan# 1785

Delta R.T. -0.04 min

Lab File: BE097556.D

Acq: 20 Sep 2018 00:58

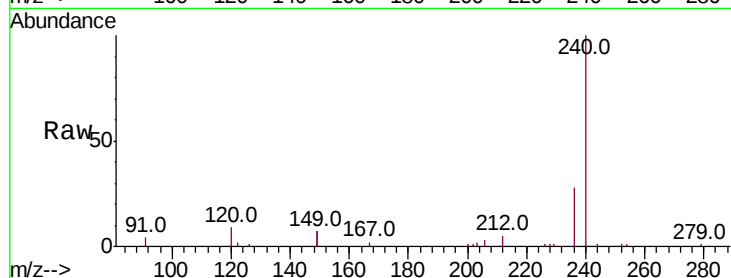
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 59

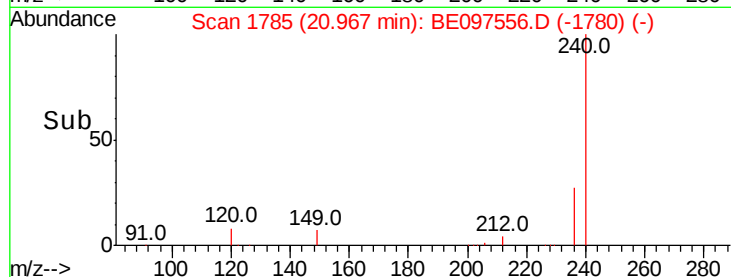
Ion	Ratio	Lower	Upper
228	100		
226	85.5	24.0	36.0#
229	96.1	16.0	24.0#



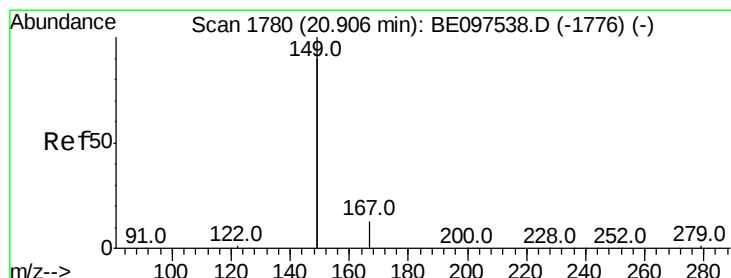
Abundance Ion 228.00 (227.70 to 228.70): E

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: 0.047 ng

RT: 20.91 min Scan# 1780

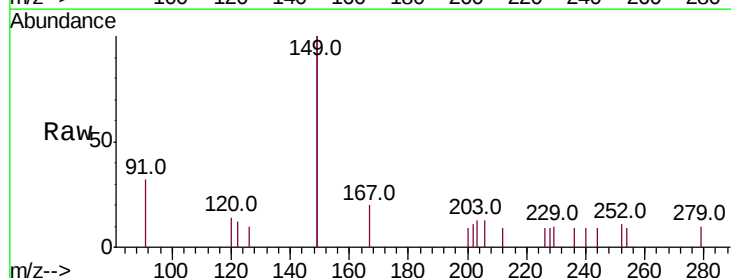
Delta R.T. 0.00 min

Lab File: BE097556.D

Acq: 20 Sep 2018 00:58

Tgt Ion:149 Resp: 1200

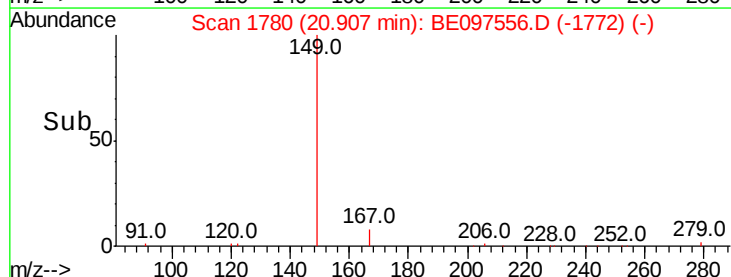
Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.4	8.0
279	2.1	0.7	1.1#



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: 0.000 ng

RT: 25.49 min Scan# 2837

Delta R.T. -0.02 min

Lab File: BE097556.D

Acq: 20 Sep 2018 00:58

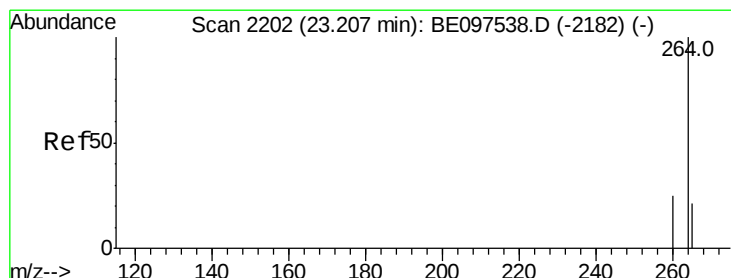
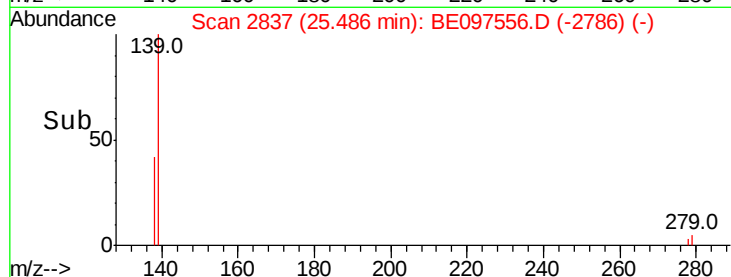
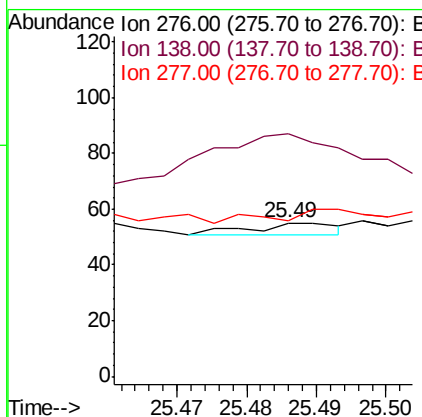
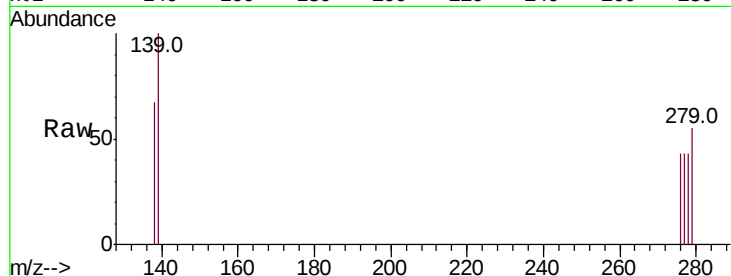
Instrument :

BNA_E

ClientSampleId :

Tot Ion:276 Resp: 3

Ion	Ratio	Lower	Upper
276	100		
138	2366.7	22.5	33.7#
277	200.0	19.9	29.9#



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.20 min Scan# 2201

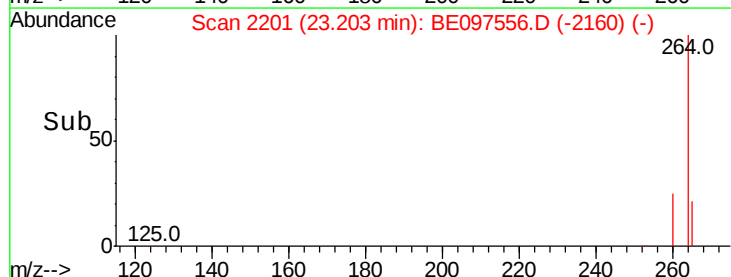
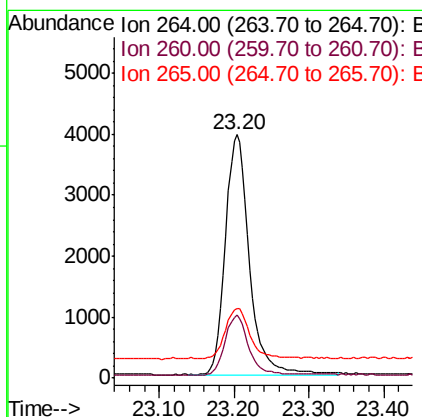
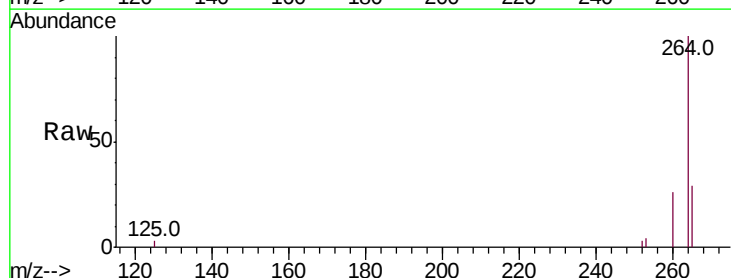
Delta R.T. -0.00 min

Lab File: BE097556.D

Acq: 20 Sep 2018 00:58

Tgt Ion:264 Resp: 8725

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.5	30.7
265	28.7	22.8	34.2





#35

Benzo(b)fluoranthene

Concen: 0.000 ng

RT: 22.52 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BE097556.D

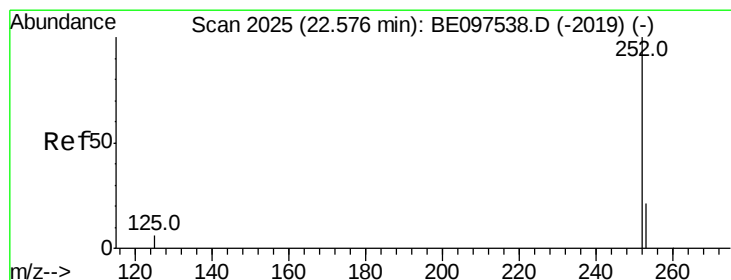
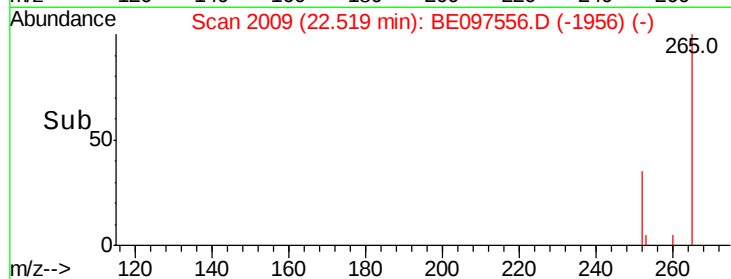
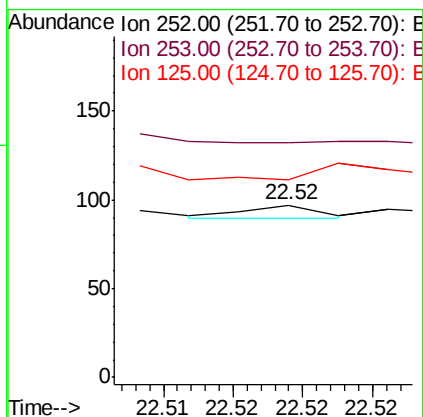
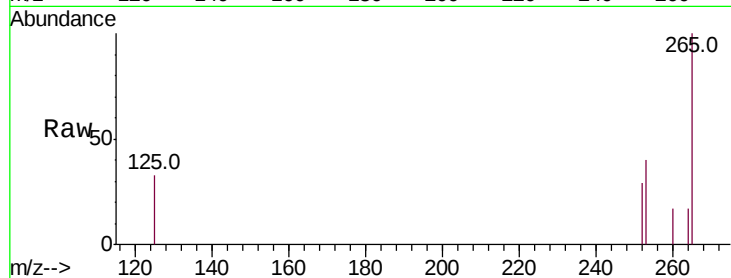
Acq: 20 Sep 2018 00:58

Instrument :

BNA_E

ClientSampleId :

Tot Ion:252	Resp:	2	
Ion Ratio	Lower	Upper	
252	100		
253	136.1	20.0	30.0#
125	114.4	16.0	24.0#



#36

Benzo(k)fluoranthene

Concen: 0.001 ng

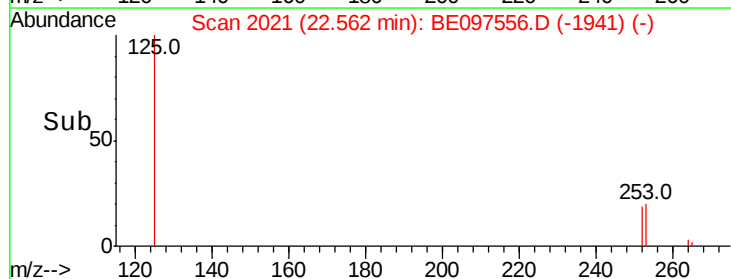
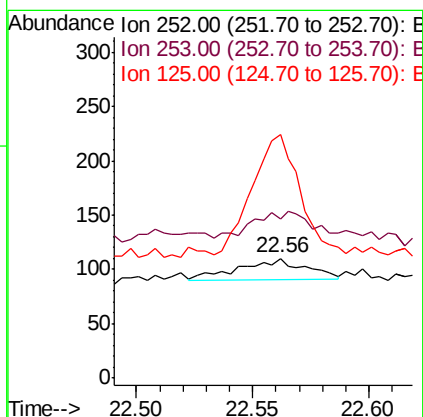
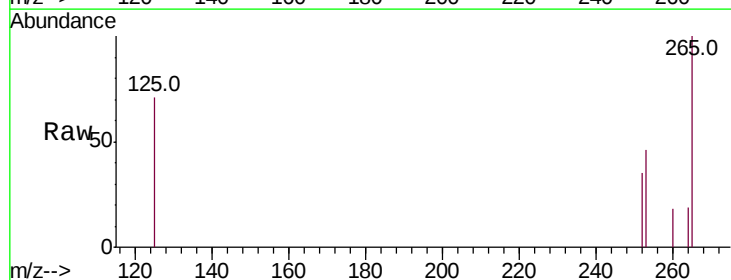
RT: 22.56 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BE097556.D

Acq: 20 Sep 2018 00:58

Tgt	Ion:252	Resp:	38
Ion	Ratio	Lower	Upper
252	100		
253	133.6	16.0	24.0#
125	203.6	8.0	12.0#





#37

Benzo(a)pyrene

Concen: 0.021 ng

RT: 23.10 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BE097556.D

Acq: 20 Sep 2018 00:58

Instrument :

BNA_E

ClientSampled :

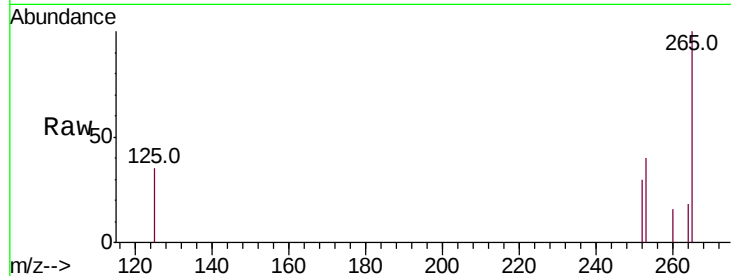
Tot Ion:252 Resp: 14

Ion Ratio Lower Upper

252 100

253 134.3 16.0 24.0#

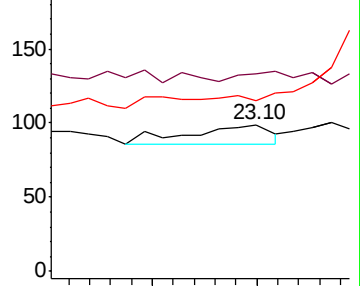
125 116.2 12.0 18.0#



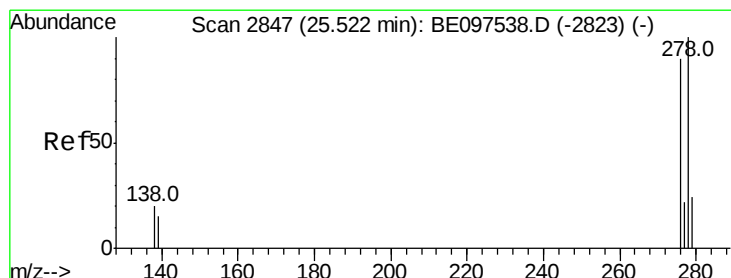
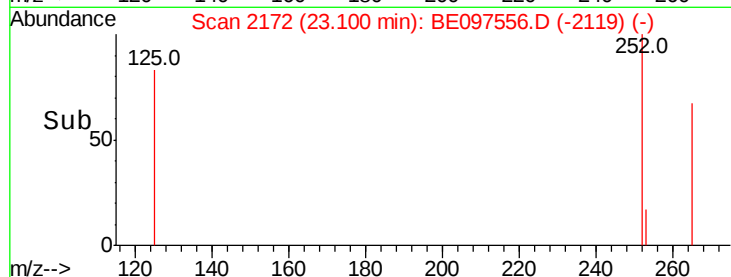
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#38

Dibenzo(a,h)anthracene

Concen: 0.000 ng

RT: 25.53 min Scan# 2849

Delta R.T. 0.01 min

Lab File: BE097556.D

Acq: 20 Sep 2018 00:58

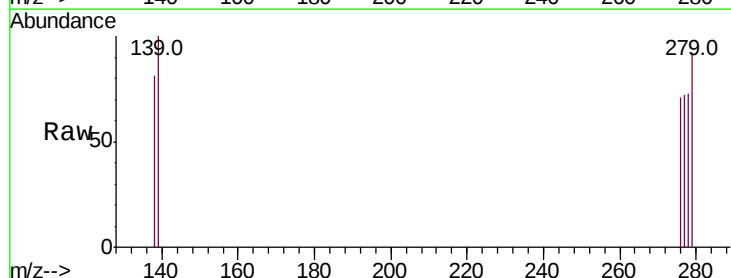
Tgt Ion:278 Resp: 2

Ion Ratio Lower Upper

278 100

139 136.8 16.0 24.0#

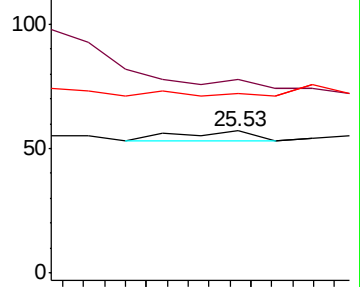
279 126.3 20.0 30.0#



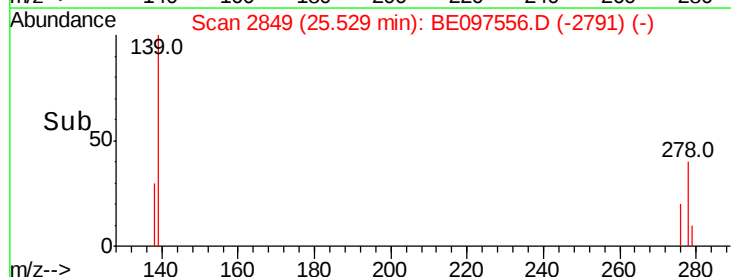
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#39

Benzo(a,h,i)perylene

Concen: 0.000 ng

RT: 26.21 min Scan# 3039

Delta R.T. 0.00 min

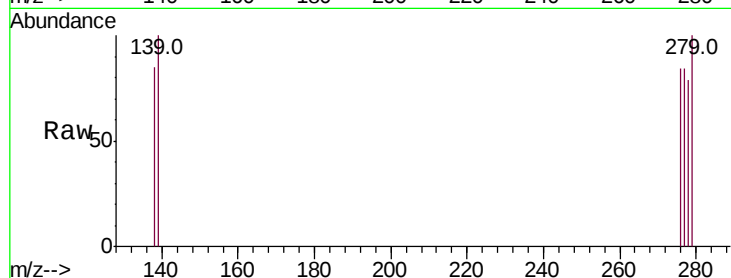
Lab File: BE097556.D

Acq: 20 Sep 2018 00:58

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 6

Ion Ratio Lower Upper

276 100

277 100.0 16.0 24.0#

138 101.8 20.0 30.0#

