

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092018\
 Data File : BE097602.D
 Acq On : 21 Sep 2018 9:14
 Operator : SJ/JU
 Sample : J4980-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 21 13:25:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 20 10:54:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	603	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	2779	0.40	ng	0.01
13) Acenaphthene-d10	14.01	164	1911	0.40	ng	0.01
19) Phenanthrene-d10	16.77	188	6248	0.40	ng	0.01
27) Chrysene-d12	20.97	240	7903	0.40	ng	0.00
34) Perylene-d12	23.21	264	7649	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.05	112	266	0.15	ng	0.00
5) Phenol-d6	6.58	99	1	0.00	ng	-0.02
8) Nitrobenzene-d5	8.58	82	569	0.27	ng	0.05
11) 2-Methylnaphthalene-d10	11.74	152	1558	0.41	ng	0.02
14) 2,4,6-Tribromophenol	15.53	330	292	0.41	ng	0.01
15) 2-Fluorobiphenyl	12.63	172	2825	0.42	ng	0.01
25) Fluoranthene-d10	18.80	212	31011	0.39	ng	0.00
29) Terphenyl-d14	19.41	244	6976	0.48	ng	0.00

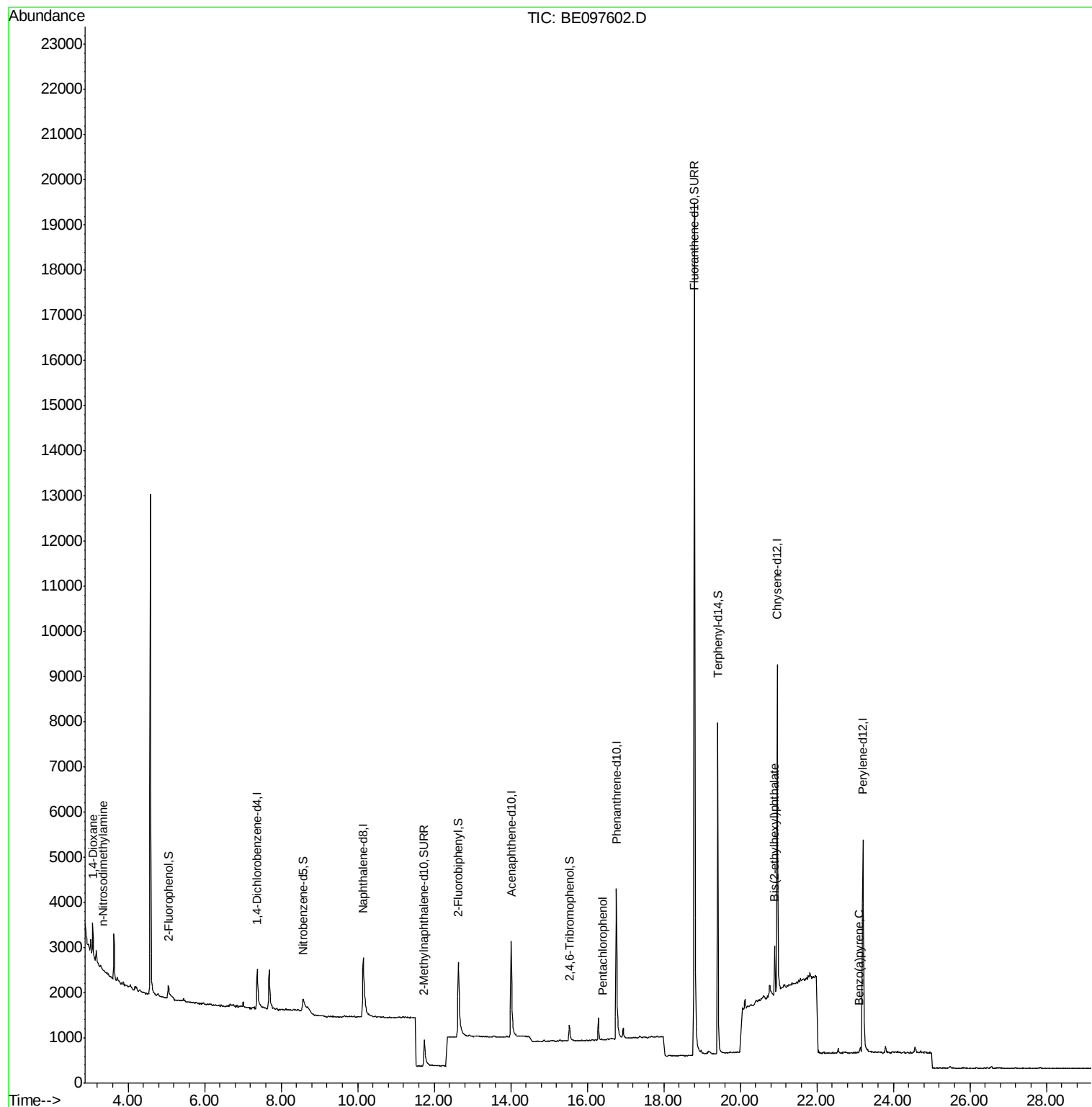
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.07	88	440	0.431	ng	97
3) n-Nitrosodimethylamine	3.35	42	24	0.043	ng	# 1
22) Pentachlorophenol	16.42	266	1	0.130	ng	93
32) Bis(2-ethylhexyl)phthalate	20.89	149	1563	0.057	ng	# 99
37) Benzo(a)pyrene	23.11	252	6	0.021	ng	# 1

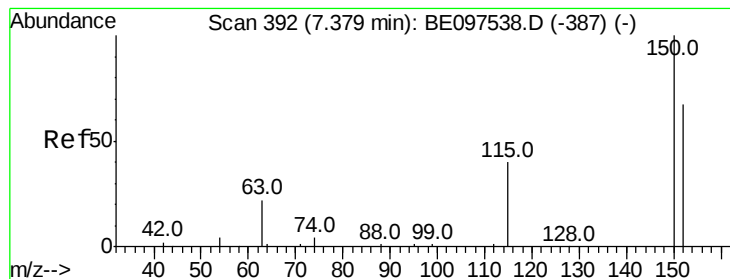
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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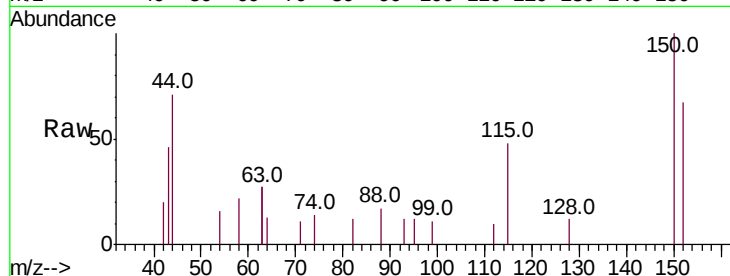


#1

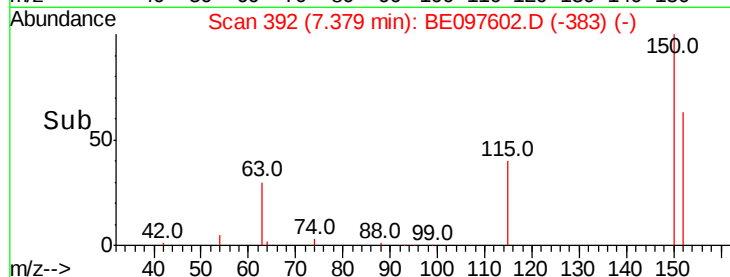
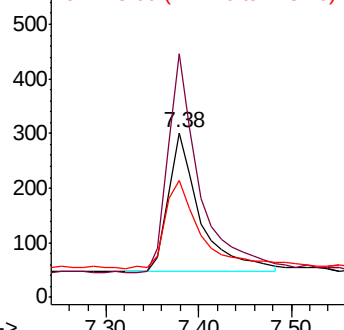
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097602.D
Acq: 21 Sep 2018 9:14

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 603
Ion Ratio Lower Upper
152 100
150 148.2 117.2 175.8
115 71.1 57.0 85.6



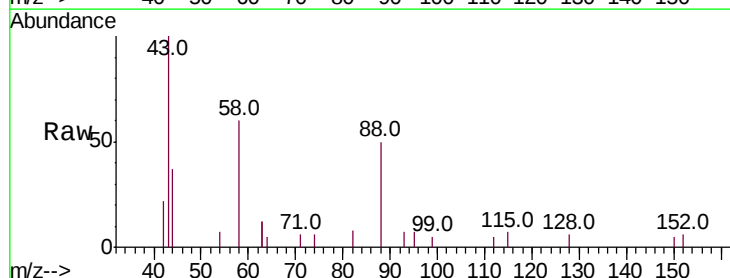
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



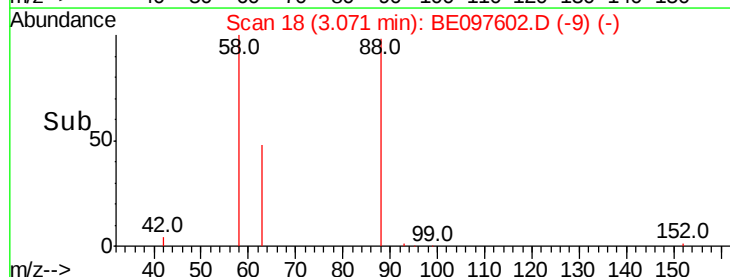
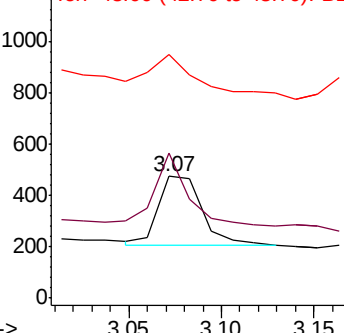
#2

1,4-Dioxane
Concen: 0.431 ng
RT: 3.07 min Scan# 18
Delta R.T. 0.00 min
Lab File: BE097602.D
Acq: 21 Sep 2018 9:14

Tgt Ion: 88 Resp: 440
Ion Ratio Lower Upper
88 100
58 83.4 63.2 94.8
43 50.9 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: 0.043 ng

RT: 3.35 min Scan# 42

Delta R.T. -0.02 min

Lab File: BE097602.D

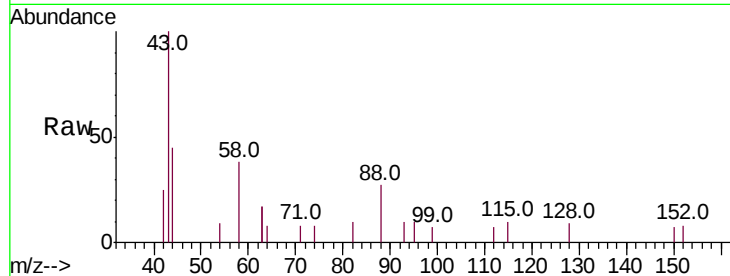
Acq: 21 Sep 2018 9:14

Instrument :

BNA_E

ClientSampleId :

Tot Ion:	42	Resp:	24
Ion	Ratio	Lower	Upper
42	100		
74	0.0	96.0	144.0#
44	0.0	12.0	18.0#

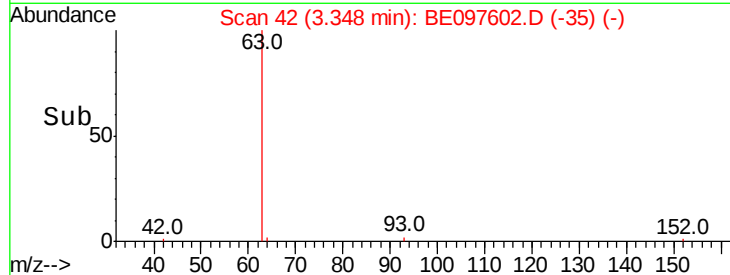


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0

Time-->



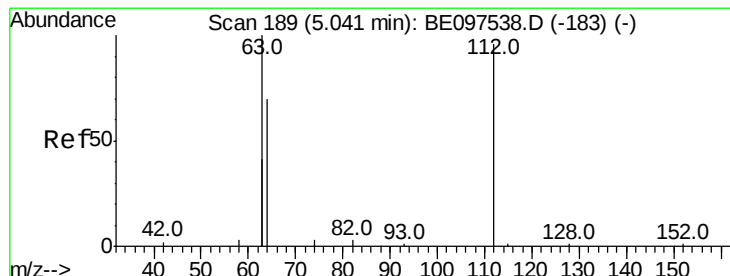
Abundance

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

Time-->



#4

2-Fluorophenol

Concen: 0.147 ng

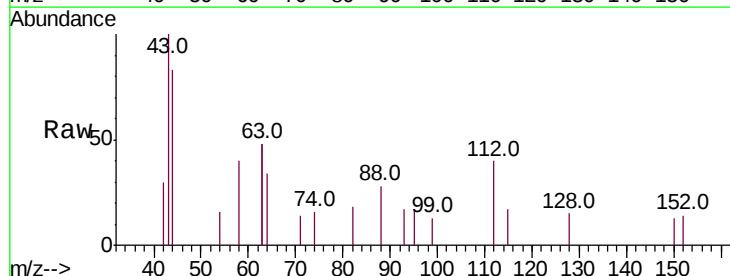
RT: 5.05 min Scan# 190

Delta R.T. 0.00 min

Lab File: BE097602.D

Acq: 21 Sep 2018 9:14

Tgt Ion:	112	Resp:	266
Ion	Ratio	Lower	Upper
112	100		
64	73.3	60.1	90.1
63	139.1	116.8	175.2

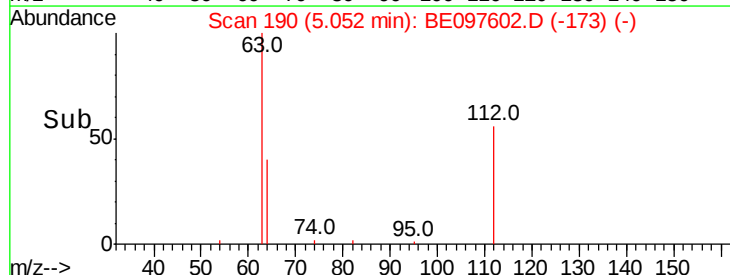


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Time-->



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

Time-->



#5

Phenol-d6

Concen: 0.000 ng

RT: 6.58 min Scan# 323

Delta R.T. -0.02 min

Lab File: BE097602.D

Acq: 21 Sep 2018 9:14

Instrument :

BNA_E

ClientSampleId :

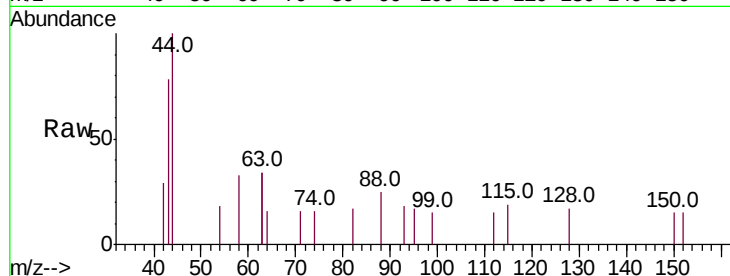
Tot Ion: 99 Resp: 1

Ion Ratio Lower Upper

99 100

42 2300.0 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

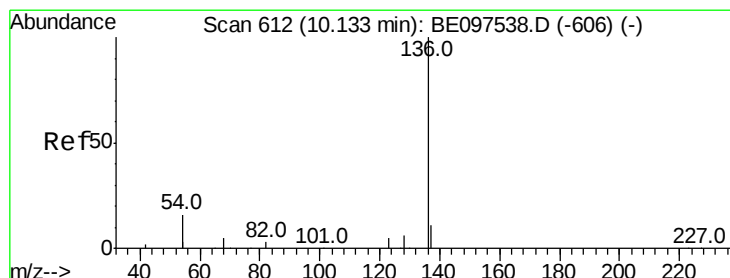
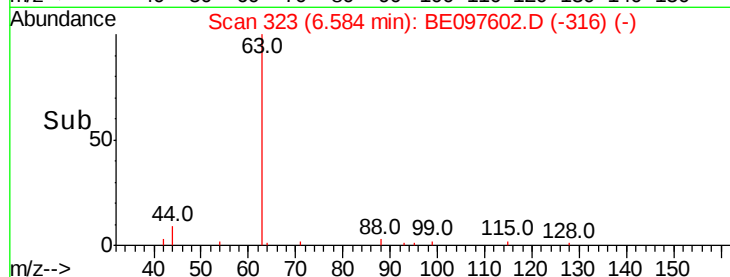
40

20

0

6.57 6.58 6.59 6.60

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. 0.01 min

Lab File: BE097602.D

Acq: 21 Sep 2018 9:14

Tgt Ion: 136 Resp: 2779

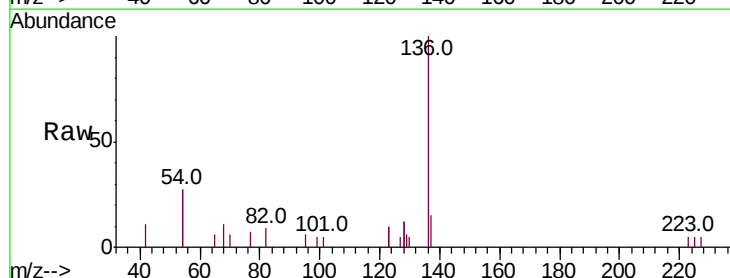
Ion Ratio Lower Upper

136 100

137 15.1 9.5 14.3#

54 53.4 29.1 43.7#

68 11.1 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

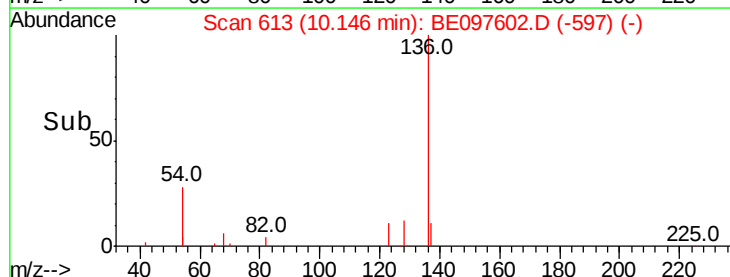
1000

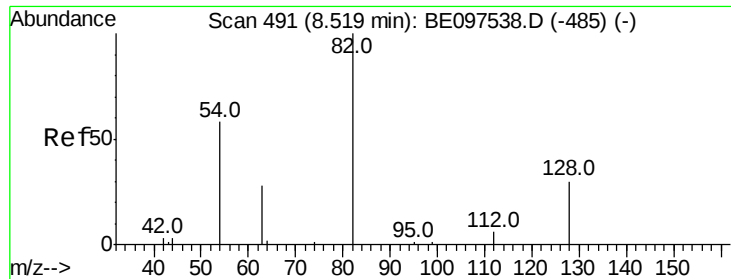
500

0

10.00 10.10 10.20 10.30

Time-->

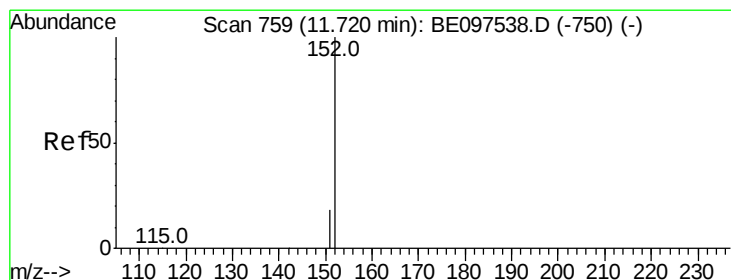
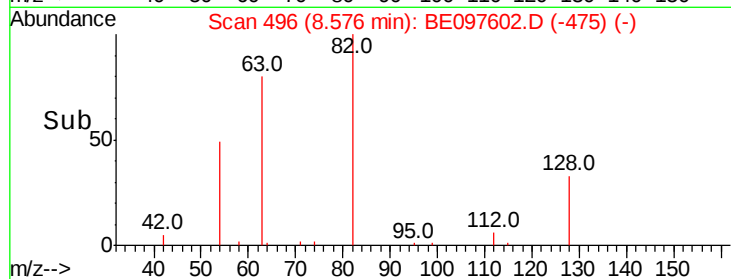
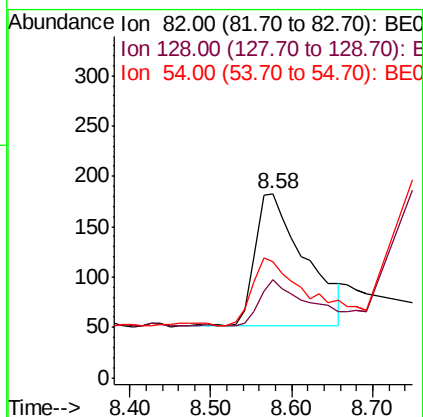
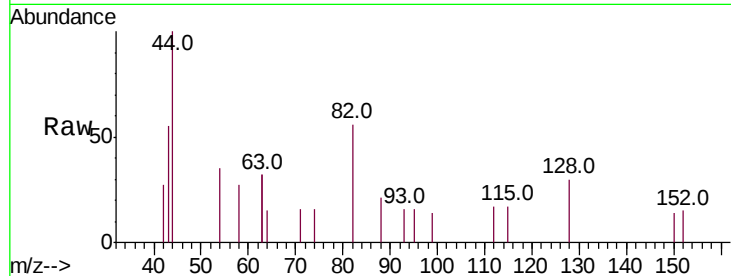




#8
 Nitrobenzene-d5
 Concen: 0.265 ng
 RT: 8.58 min Scan# 496
 Delta R.T. 0.05 min
 Lab File: BE097602.D
 Acq: 21 Sep 2018 9:14

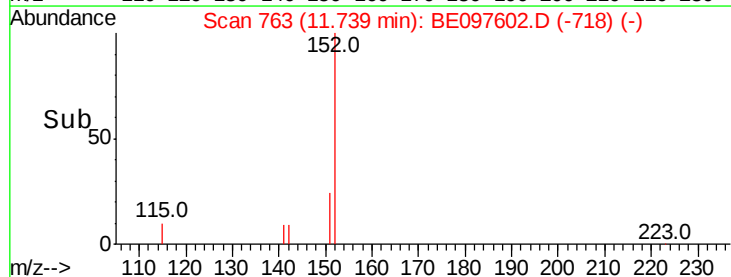
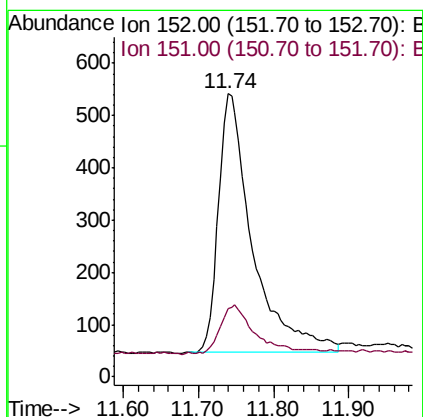
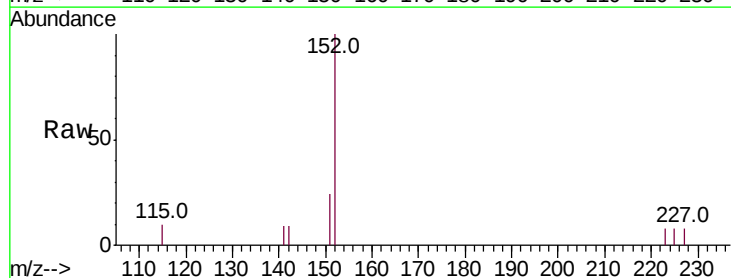
Instrument :
 BNA_E
 ClientSampleId :

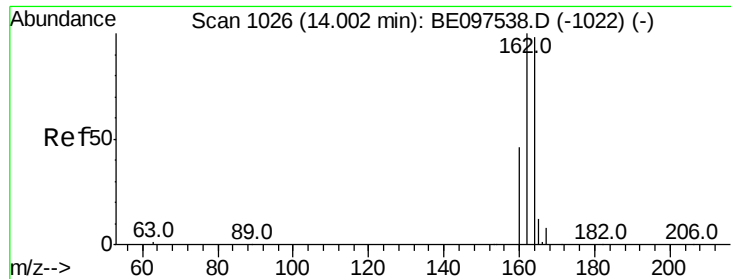
Tot Ion: 82 Resp: 569
 Ion Ratio Lower Upper
 82 100
 128 53.0 24.0 36.0#
 54 62.8 40.0 60.0#



#11
 2-Methylnaphthalene-d10
 Concen: 0.407 ng
 RT: 11.74 min Scan# 763
 Delta R.T. 0.02 min
 Lab File: BE097602.D
 Acq: 21 Sep 2018 9:14

Tgt Ion: 152 Resp: 1558
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.4 23.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.01 min Scan# 1028

Delta R.T. 0.01 min

Lab File: BE097602.D

Acq: 21 Sep 2018 9:14

Instrument :

BNA_E

ClientSampleId :

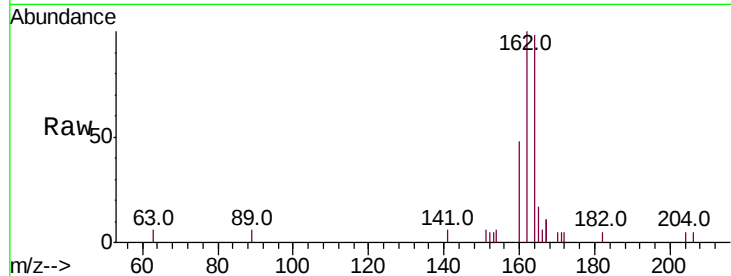
Tot Ion:164 Resp: 1911

Ion Ratio Lower Upper

164 100

162 101.5 83.1 124.7

160 49.1 37.1 55.7

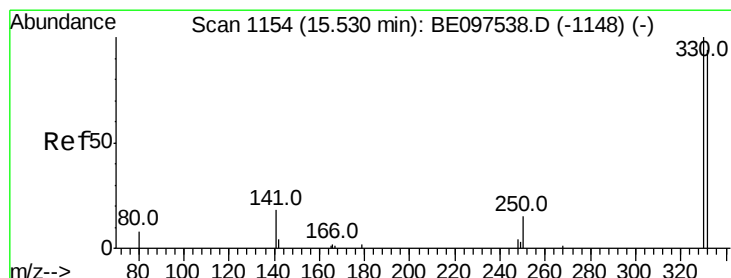
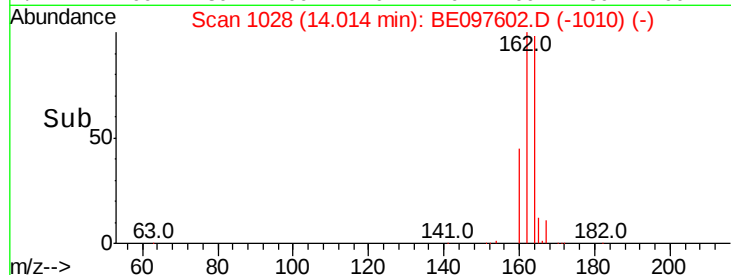
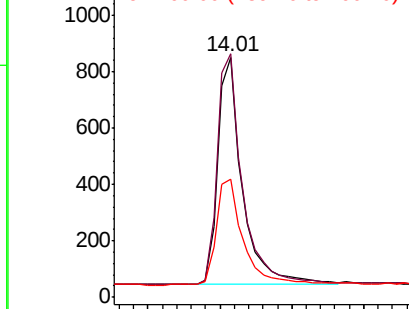


Abundance

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: 0.407 ng

RT: 15.53 min Scan# 1155

Delta R.T. 0.01 min

Lab File: BE097602.D

Acq: 21 Sep 2018 9:14

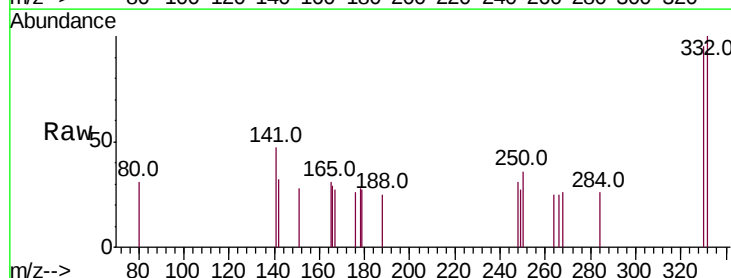
Tgt Ion:330 Resp: 292

Ion Ratio Lower Upper

330 100

332 98.3 152.7 229.1#

141 36.3 33.7 50.5

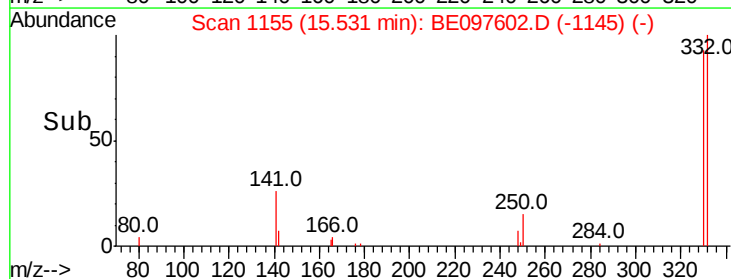
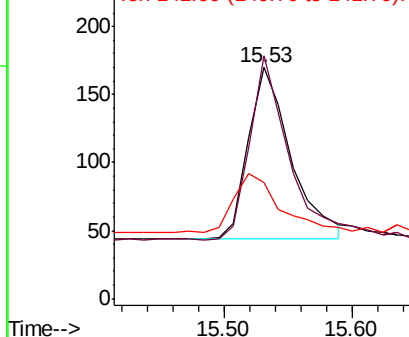


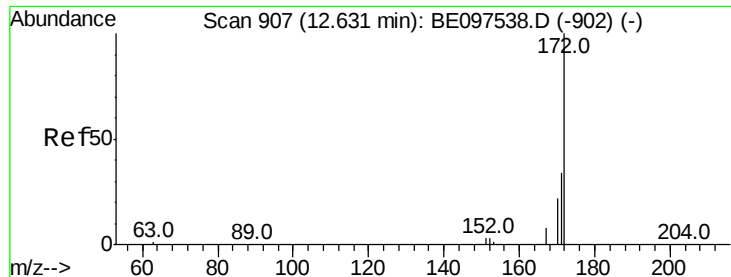
Abundance

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

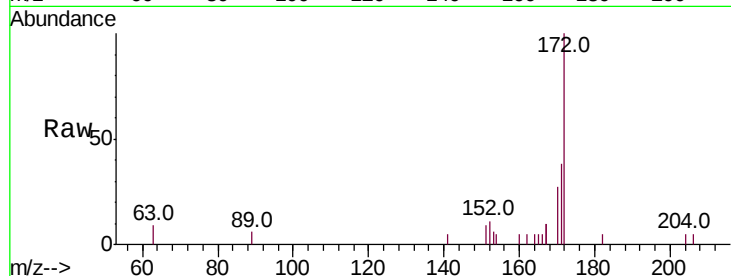




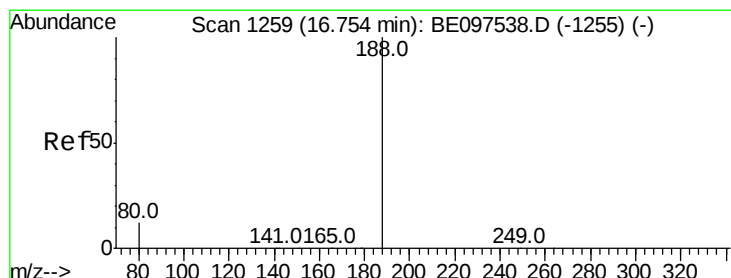
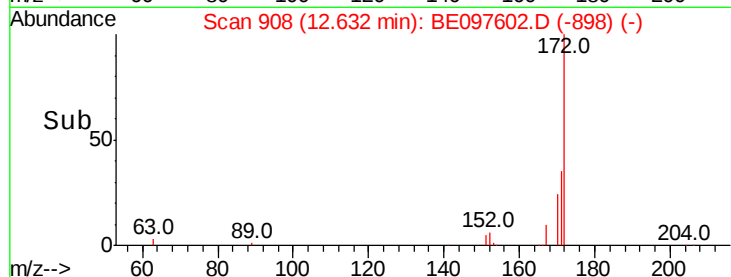
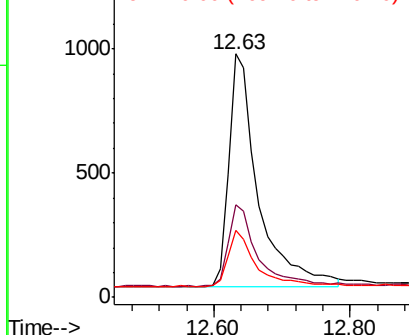
#15
2-Fluorobiphenyl
Concen: 0.418 ng
RT: 12.63 min Scan# 908
Delta R.T. 0.01 min
Lab File: BE097602.D
Acq: 21 Sep 2018 9:14

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 2825
Ion Ratio Lower Upper
172 100
171 38.1 29.9 44.9
170 27.4 21.8 32.8

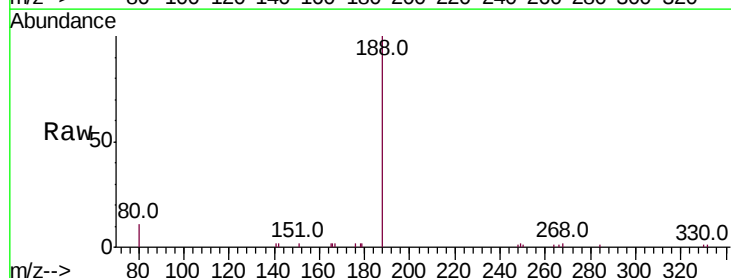


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

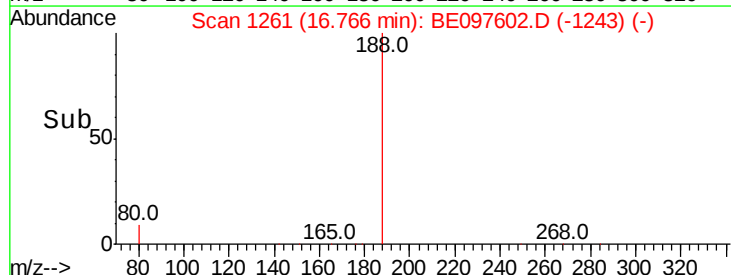
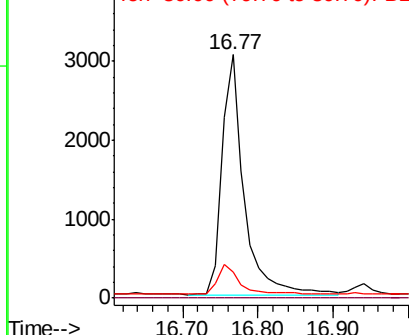


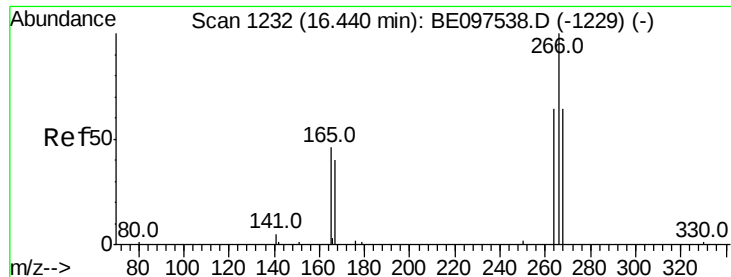
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1261
Delta R.T. 0.01 min
Lab File: BE097602.D
Acq: 21 Sep 2018 9:14

Tgt Ion:188 Resp: 6248
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 10.5 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





#22

Pentachlorophenol

Concen: 0.130 ng

RT: 16.42 min Scan# 1231

Delta R.T. -0.02 min

Lab File: BE097602.D

Acq: 21 Sep 2018 9:14

Instrument :

BNA_E

ClientSampleId :

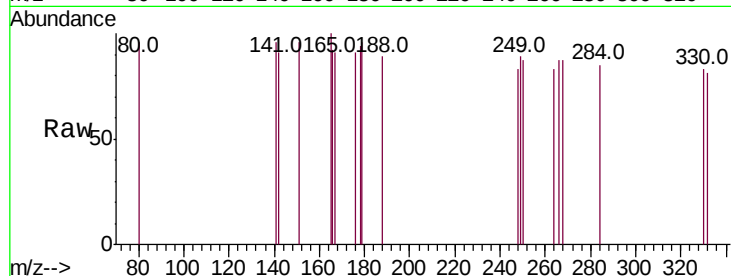
Tot Ion:266 Resp: 1

Ion Ratio Lower Upper

266 100

264 95.7 72.5 108.7

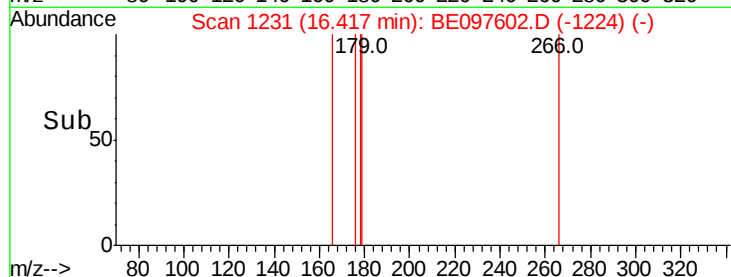
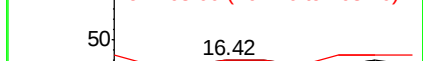
268 100.0 73.8 110.6



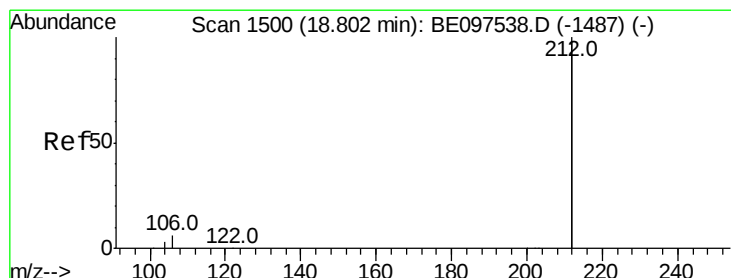
Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



Time-->



#25

Fluoranthene-d10

Concen: 0.388 ng

RT: 18.80 min Scan# 1501

Delta R.T. -0.00 min

Lab File: BE097602.D

Acq: 21 Sep 2018 9:14

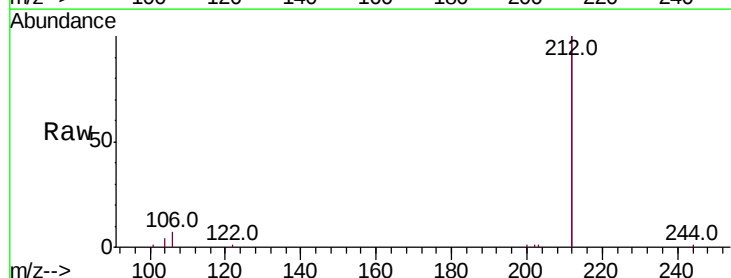
Tgt Ion:212 Resp: 31011

Ion Ratio Lower Upper

212 100

106 3.3 2.8 4.2

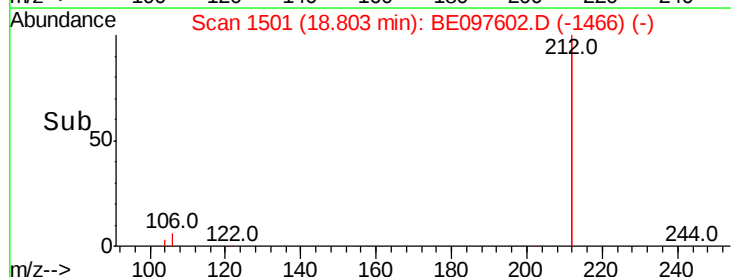
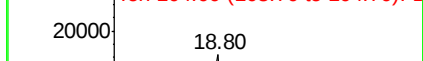
104 1.8 1.6 2.4



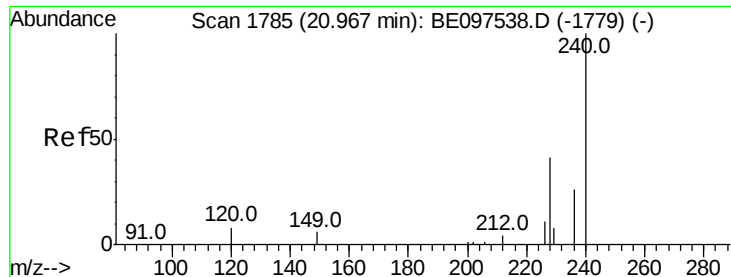
Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



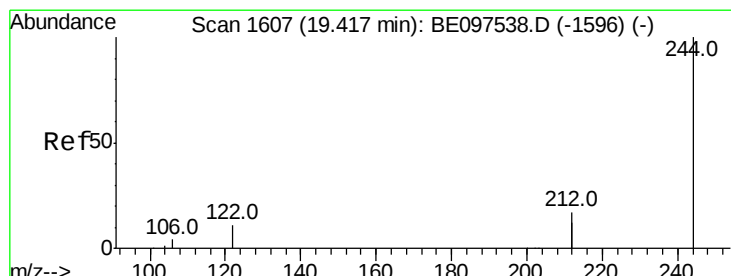
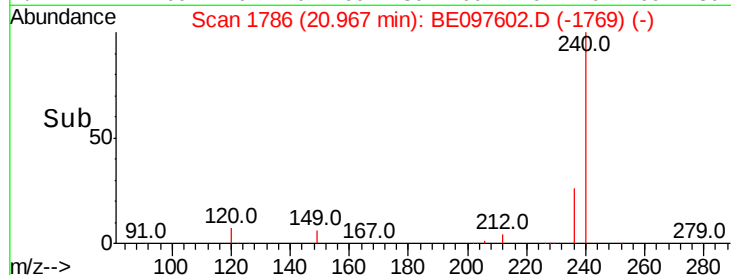
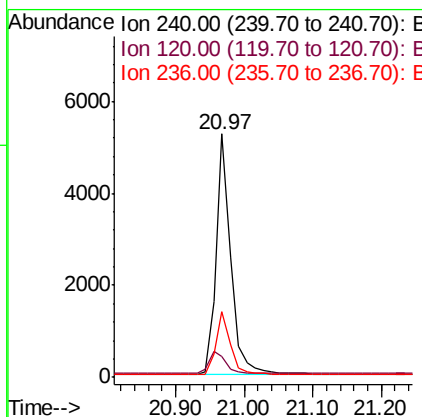
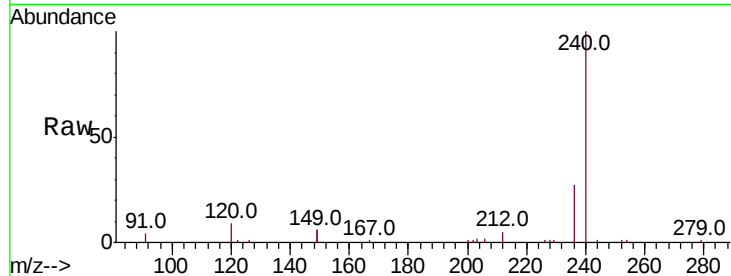
Time-->



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 20.97 min Scan# 1786
 Delta R.T. 0.00 min
 Lab File: BE097602.D
 Acq: 21 Sep 2018 9:14

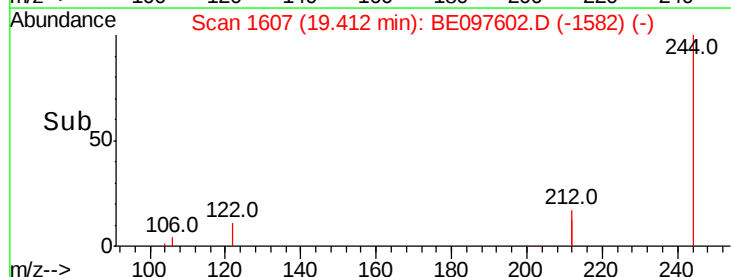
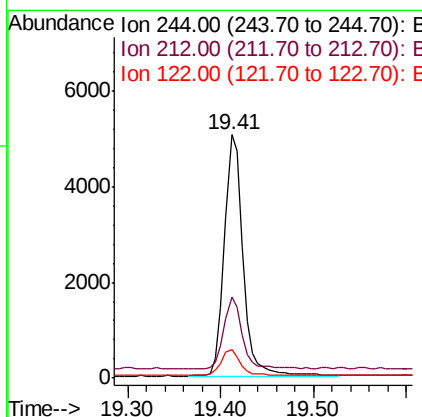
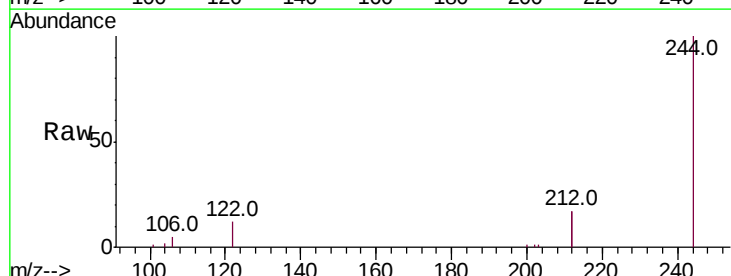
Instrument :
 BNA_E
 ClientSampleId :

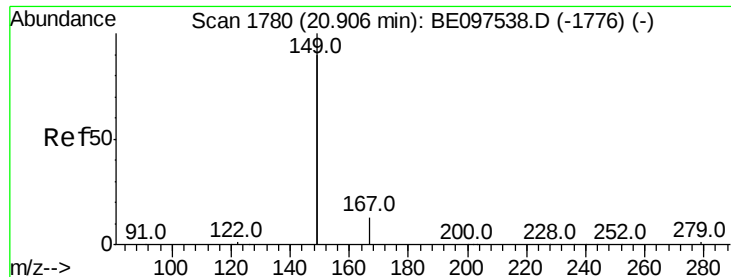
Tot Ion:240 Resp: 7903
 Ion Ratio Lower Upper
 240 100
 120 8.8 5.5 8.3#
 236 27.2 20.7 31.1



#29
 Terphenyl-d14
 Concen: 0.482 ng
 RT: 19.41 min Scan# 1607
 Delta R.T. -0.01 min
 Lab File: BE097602.D
 Acq: 21 Sep 2018 9:14

Tgt Ion:244 Resp: 6976
 Ion Ratio Lower Upper
 244 100
 212 33.2 25.4 38.0
 122 11.9 8.1 12.1





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.057 ng

RT: 20.89 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BE097602.D

Acq: 21 Sep 2018 9:14

Instrument :

BNA_E

ClientSampleId :

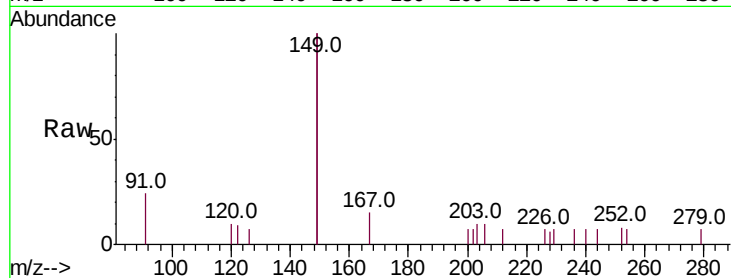
Tot Ion:149 Resp: 1563

Ion Ratio Lower Upper

149 100

167 6.2 5.4 8.0

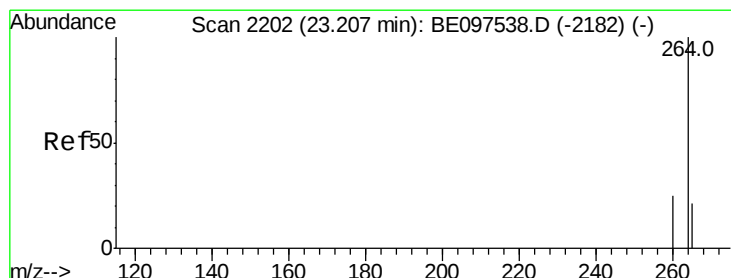
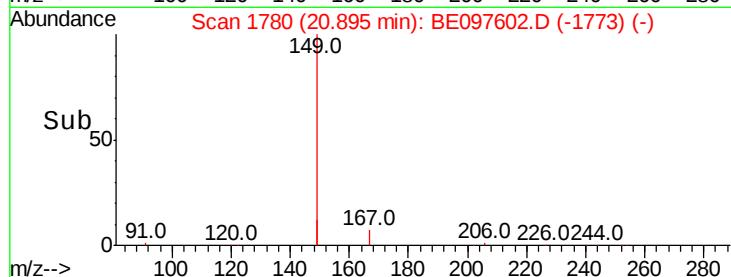
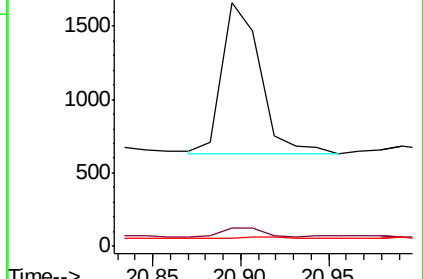
279 1.6 0.7 1.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.21 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BE097602.D

Acq: 21 Sep 2018 9:14

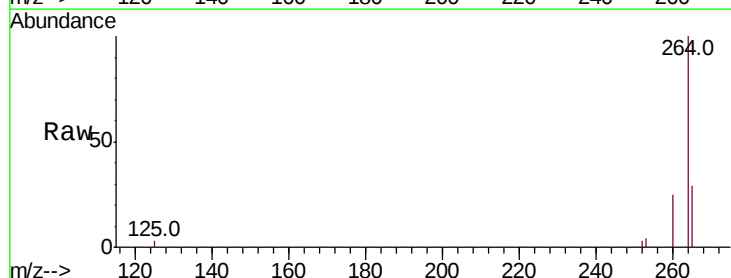
Tgt Ion:264 Resp: 7649

Ion Ratio Lower Upper

264 100

260 25.1 20.5 30.7

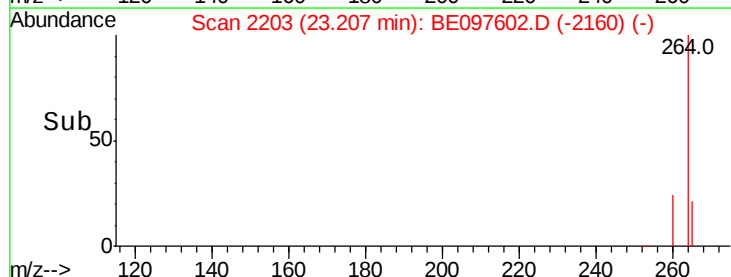
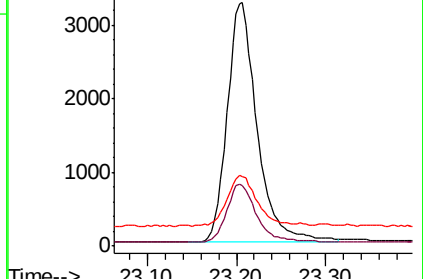
265 28.5 22.8 34.2

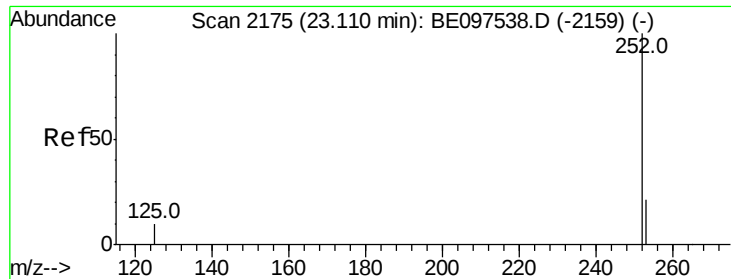


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#37

Benzo(a)pyrene

Concen: 0.021 ng

RT: 23.11 min Scan# 2176

Delta R.T. 0.00 min

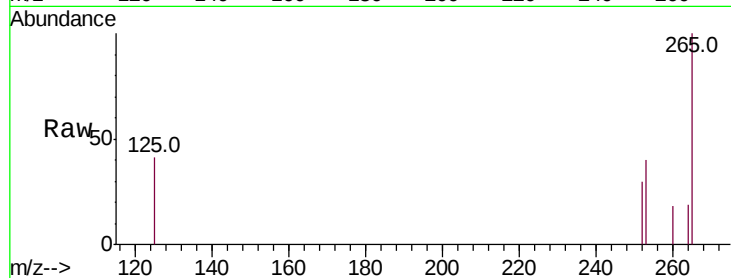
Lab File: BE097602.D

Acq: 21 Sep 2018 9:14

Instrument :

BNA_E

ClientSampleId :



Tot Ion:	252	Resp:	6
Ion	Ratio	Lower	Upper
252	100		
253	132.2	16.0	24.0#
125	133.3	12.0	18.0#

