

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092118\
 Data File : BE097635.D
 Acq On : 22 Sep 2018 6:16
 Operator : SJ/JU
 Sample : J4980-09
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 24 02:29:38 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	748	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	3285	0.40	ng	0.01
13) Acenaphthene-d10	14.01	164	2051	0.40	ng	0.01
19) Phenanthrene-d10	16.77	188	6590	0.40	ng	0.01
27) Chrysene-d12	20.97	240	8677	0.40	ng	0.00
34) Perylene-d12	23.21	264	8441	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.06	112	308	0.14	ng	0.01
5) Phenol-d6	6.63	99	118	0.04	ng	0.02
8) Nitrobenzene-d5	8.58	82	744	0.29	ng	0.05
11) 2-Methylnaphthalene-d10	11.74	152	2013	0.44	ng	0.03
14) 2,4,6-Tribromophenol	15.53	330	303	0.40	ng	0.01
15) 2-Fluorobiphenyl	12.63	172	3365	0.46	ng	0.01
25) Fluoranthene-d10	18.80	212	37740	0.45	ng	0.00
29) Terphenyl-d14	19.41	244	8777	0.55	ng	0.00

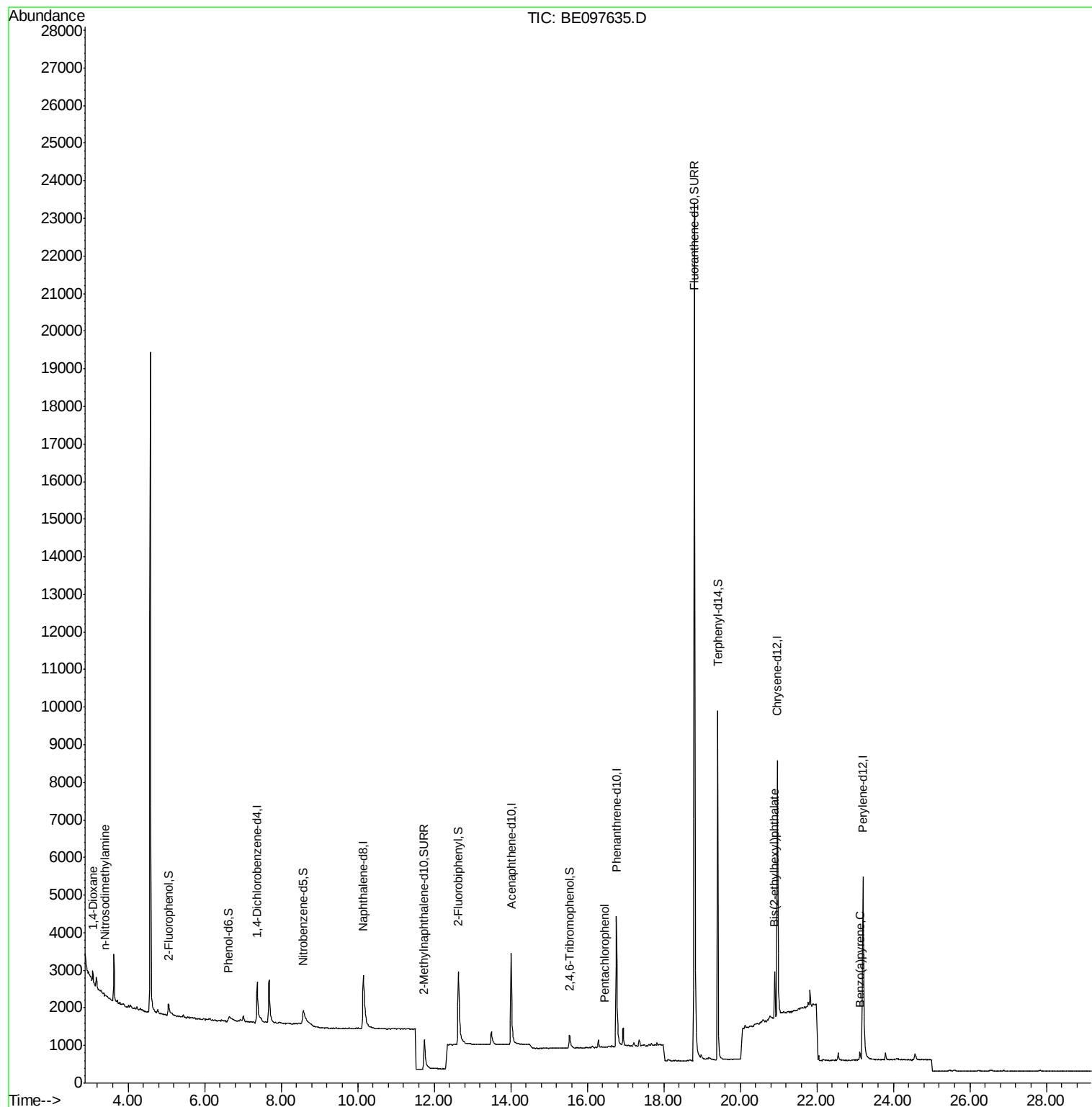
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.08	88	191	0.121	ng	# 55
3) n-Nitrosodimethylamine	3.39	42	22	0.036	ng	# 4
22) Pentachlorophenol	16.46	266	13	0.139	ng	92
32) Bis(2-ethylhexyl)phthalate	20.89	149	1883	0.062	ng	# 100
37) Benzo(a)pyrene	23.13	252	59	0.023	ng	# 1

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

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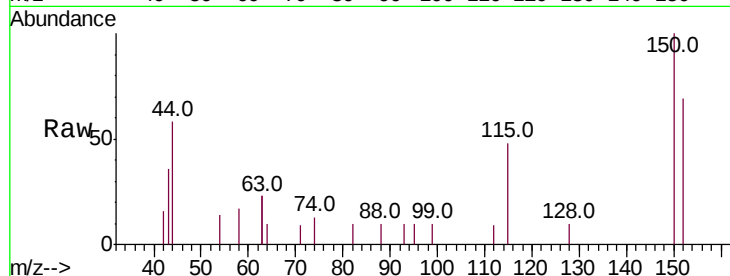


#1

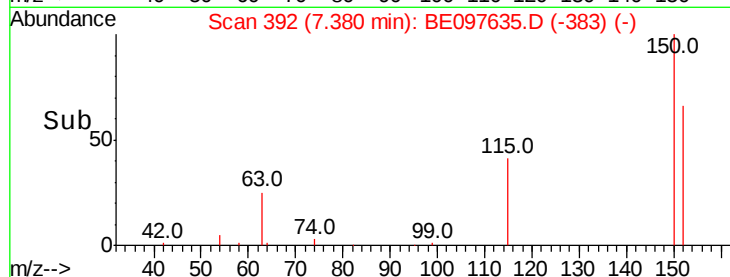
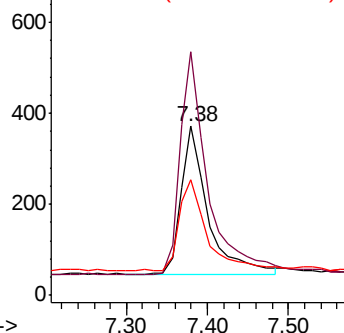
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097635.D
Acq: 22 Sep 2018 6:16

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 748
Ion Ratio Lower Upper
152 100
150 144.2 117.2 175.8
115 68.7 57.0 85.6



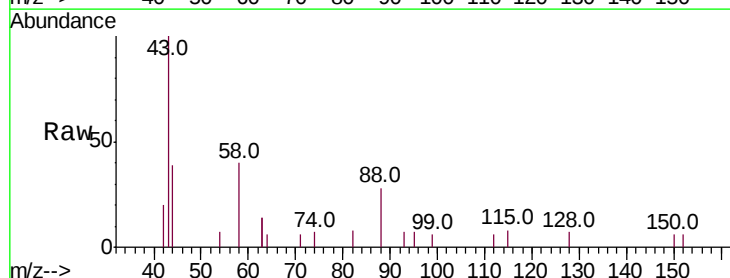
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



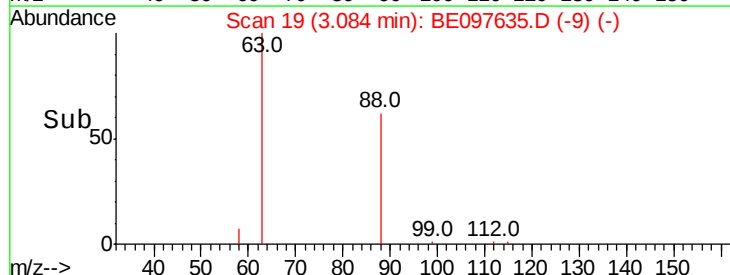
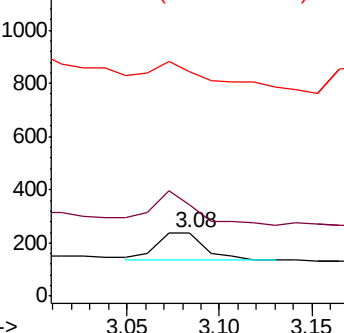
#2

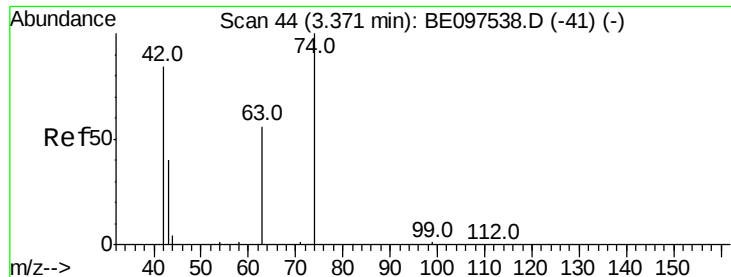
1,4-Dioxane
Concen: 0.121 ng
RT: 3.08 min Scan# 19
Delta R.T. 0.01 min
Lab File: BE097635.D
Acq: 22 Sep 2018 6:16

Tgt Ion: 88 Resp: 191
Ion Ratio Lower Upper
88 100
58 103.7 63.2 94.8#
43 100.5 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: 0.036 ng

RT: 3.39 min Scan# 46

Delta R.T. 0.02 min

Lab File: BE097635.D

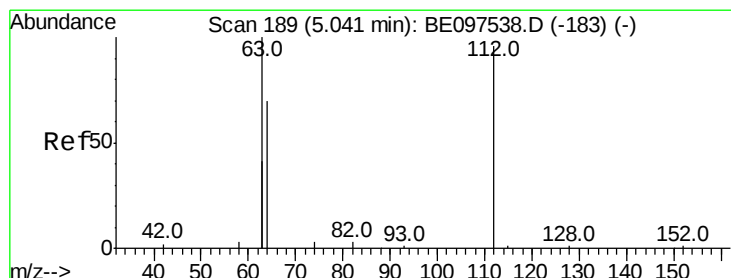
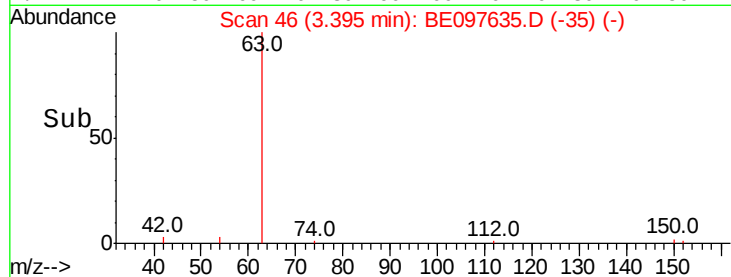
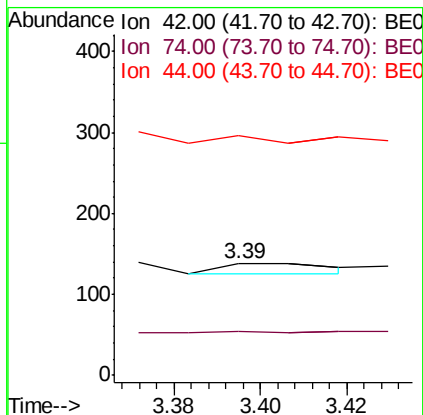
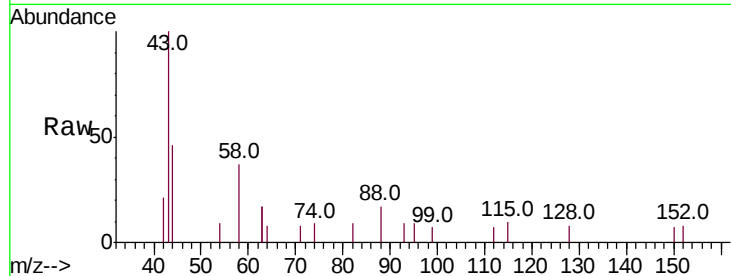
Acq: 22 Sep 2018 6:16

Instrument :

BNA_E

ClientSampled :

Tot Ion:	42	Resp:	22
Ion	Ratio	Lower	Upper
42	100		
74	4.5	96.0	144.0#
44	0.0	12.0	18.0#



#4

2-Fluorophenol

Concen: 0.137 ng

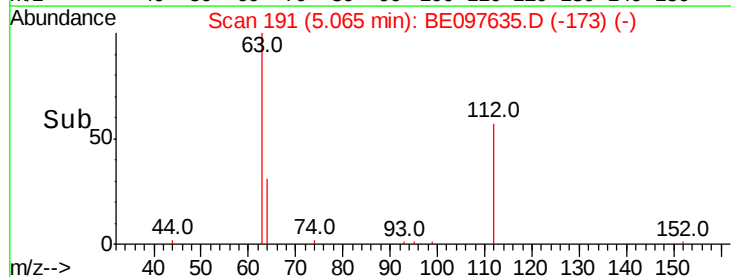
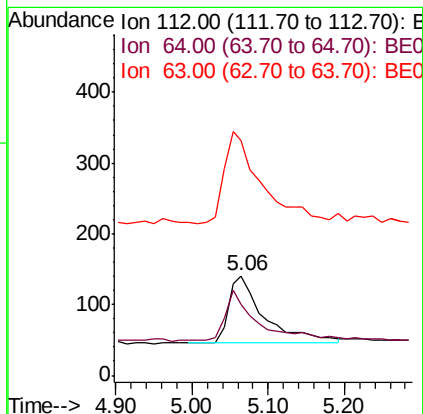
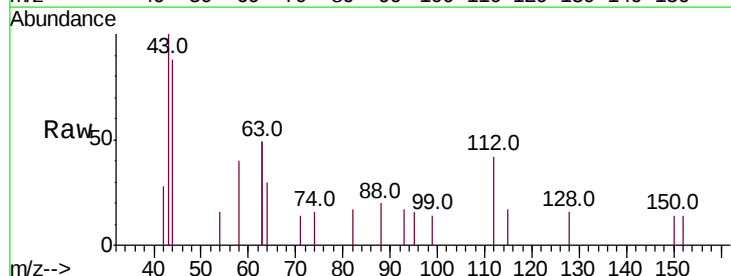
RT: 5.06 min Scan# 191

Delta R.T. 0.01 min

Lab File: BE097635.D

Acq: 22 Sep 2018 6:16

Tgt Ion:	112	Resp:	308
Ion	Ratio	Lower	Upper
112	100		
64	68.5	60.1	90.1
63	146.8	116.8	175.2





#5

Phenol-d6

Concen: 0.041 ng

RT: 6.63 min Scan# 327

Delta R.T. 0.02 min

Lab File: BE097635.D

Acq: 22 Sep 2018 6:16

Instrument :

BNA_E

ClientSampleId :

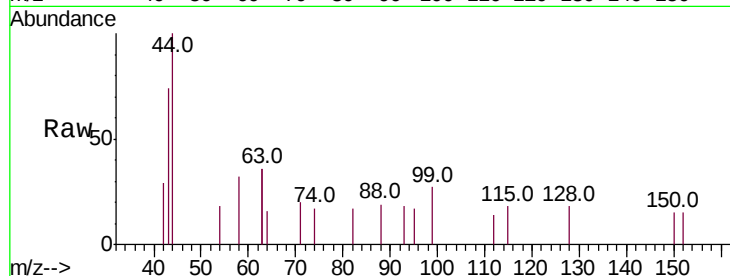
Tot Ion: 99 Resp: 118

Ion Ratio Lower Upper

99 100

42 26.3 20.2 30.2

71 39.8 28.4 42.6



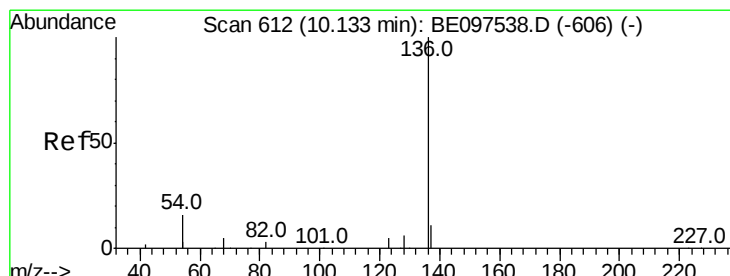
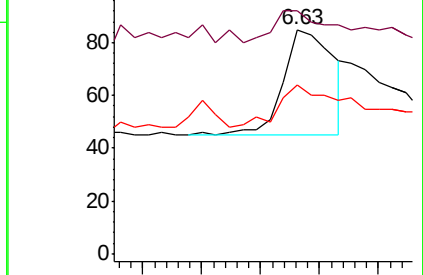
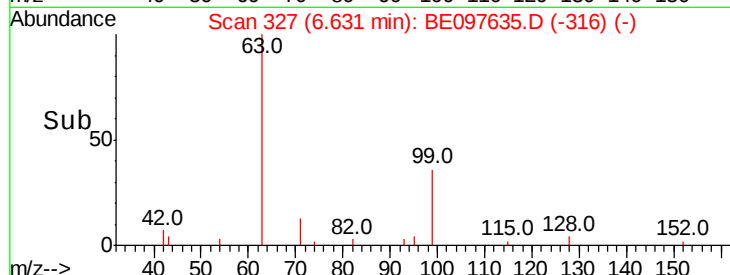
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

6.63

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. 0.01 min

Lab File: BE097635.D

Acq: 22 Sep 2018 6:16

Tgt Ion: 136 Resp: 3285

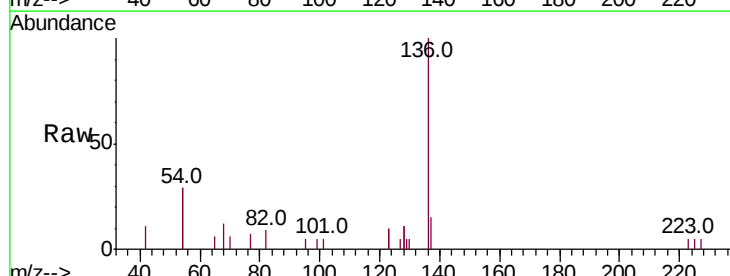
Ion Ratio Lower Upper

136 100

137 15.2 9.5 14.3#

54 58.1 29.1 43.7#

68 12.5 6.2 9.2#



Abundance Ion 136.00 (135.70 to 136.70): E

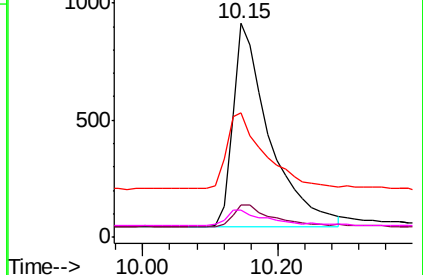
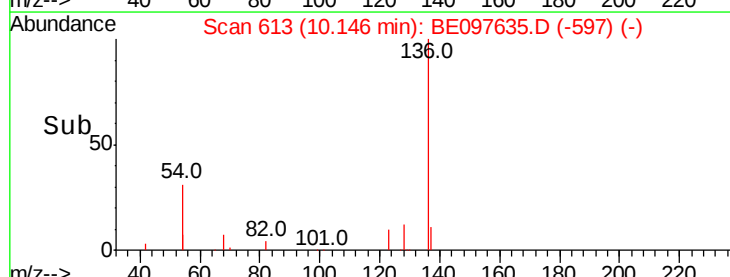
Ion 137.00 (136.70 to 137.70): E

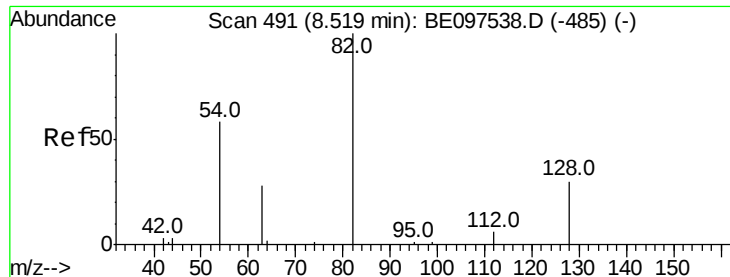
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0

10.15

Time-->





#8

Nitrobenzene-d5

Concen: 0.293 ng

RT: 8.58 min Scan# 496

Delta R.T. 0.05 min

Lab File: BE097635.D

Acq: 22 Sep 2018 6:16

Instrument :

BNA_E

ClientSampleId :

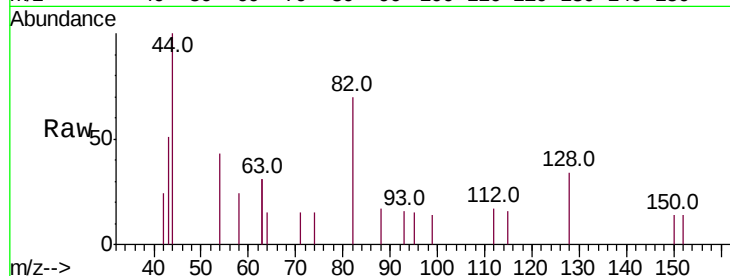
Tot Ion: 82 Resp: 744

Ion Ratio Lower Upper

82 100

128 48.7 24.0 36.0#

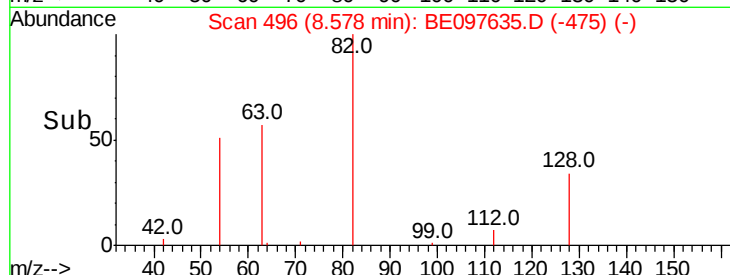
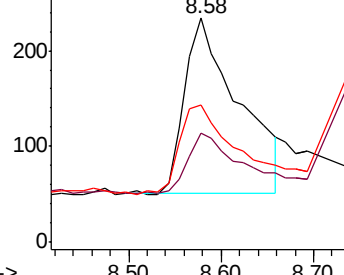
54 61.1 40.0 60.0#



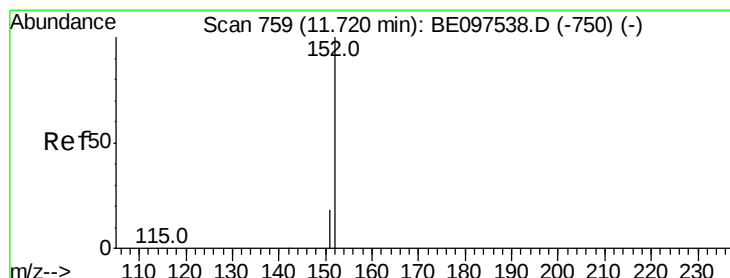
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.445 ng

RT: 11.74 min Scan# 764

Delta R.T. 0.03 min

Lab File: BE097635.D

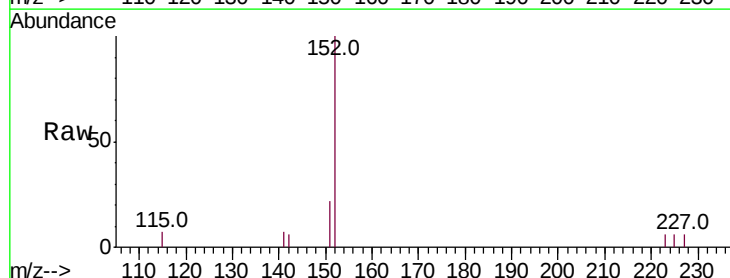
Acq: 22 Sep 2018 6:16

Tgt Ion: 152 Resp: 2013

Ion Ratio Lower Upper

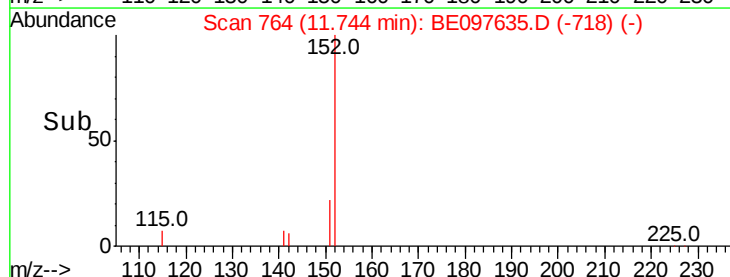
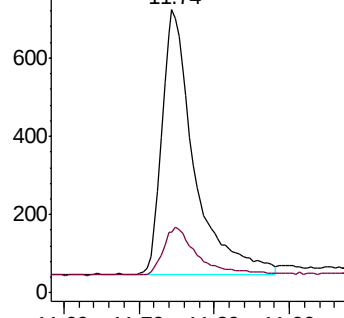
152 100

151 18.5 15.4 23.0

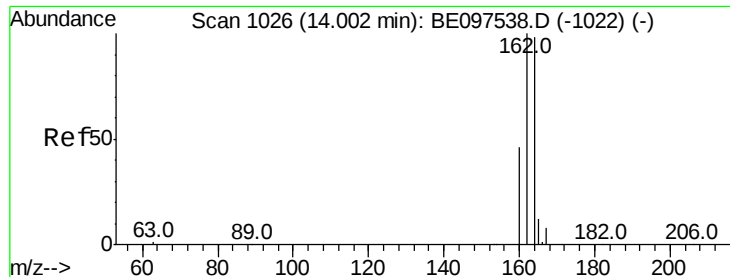


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.01 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BE097635.D

Acq: 22 Sep 2018 6:16

Instrument :

BNA_E

ClientSampleId :

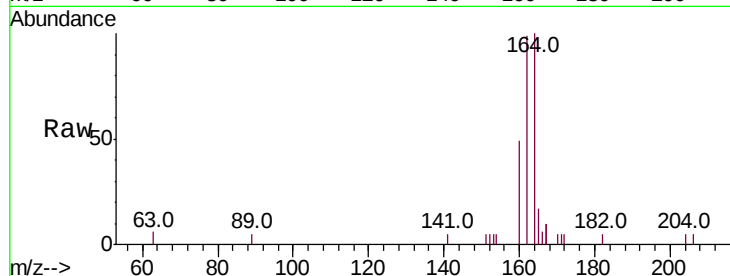
Tot Ion:164 Resp: 2051

Ion Ratio Lower Upper

164 100

162 98.6 83.1 124.7

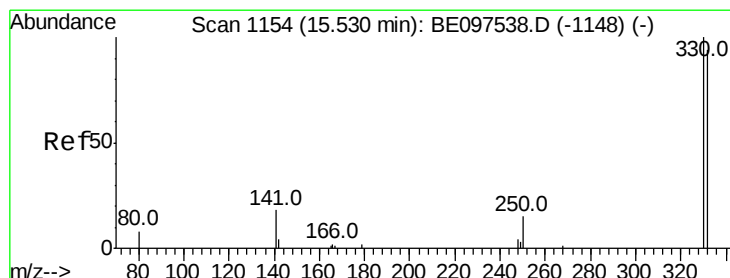
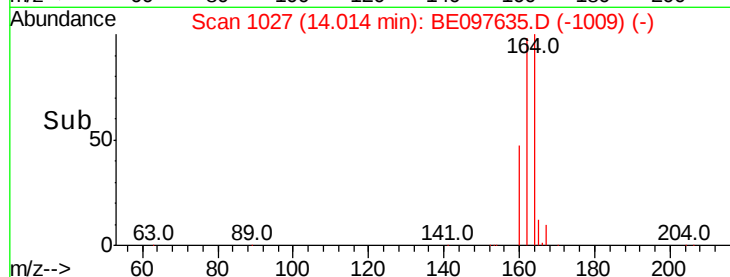
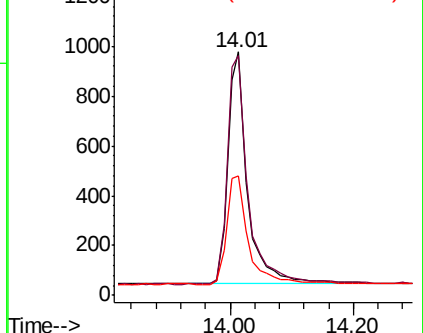
160 48.9 37.1 55.7



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: 0.397 ng

RT: 15.53 min Scan# 1154

Delta R.T. 0.01 min

Lab File: BE097635.D

Acq: 22 Sep 2018 6:16

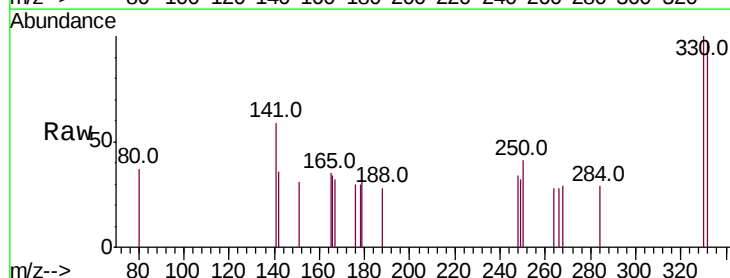
Tgt Ion:330 Resp: 303

Ion Ratio Lower Upper

330 100

332 100.3 152.7 229.1#

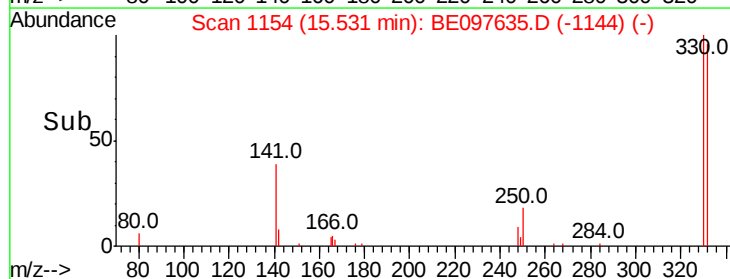
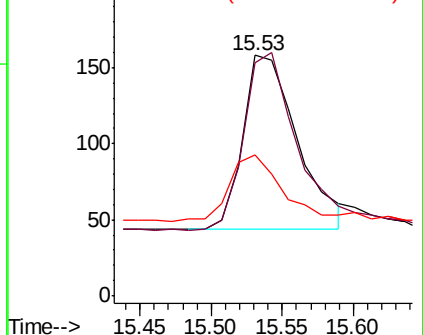
141 36.6 33.7 50.5

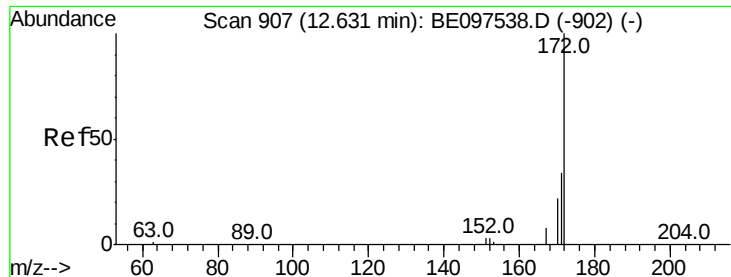


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

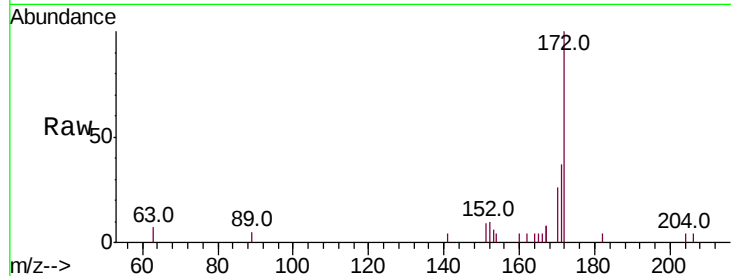




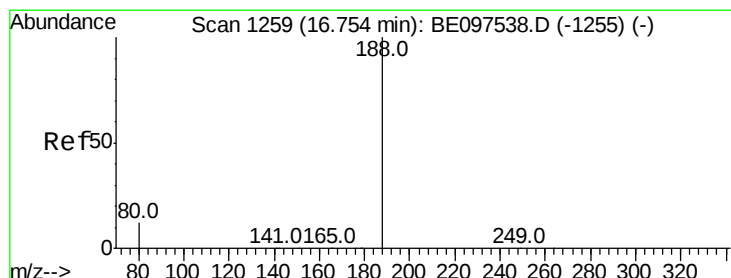
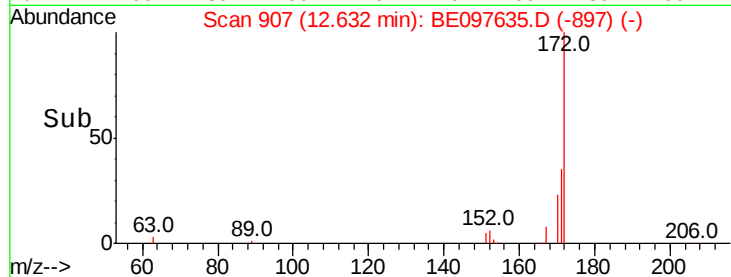
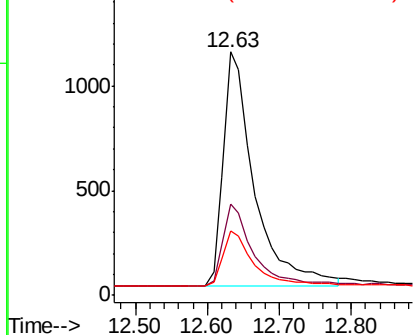
#15
2-Fluorobiphenyl
Concen: 0.464 ng
RT: 12.63 min Scan# 907
Delta R.T. 0.01 min
Lab File: BE097635.D
Acq: 22 Sep 2018 6:16

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 3365
Ion Ratio Lower Upper
172 100
171 37.2 29.9 44.9
170 26.3 21.8 32.8

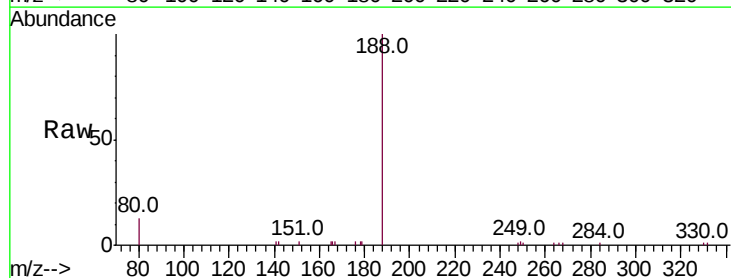


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

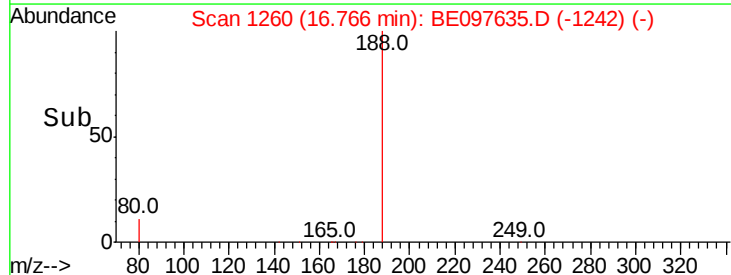
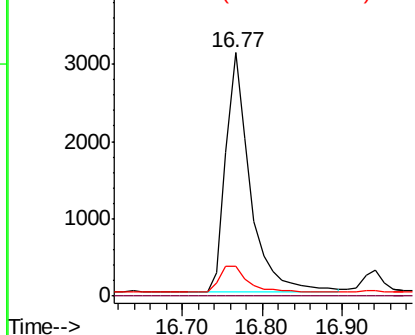


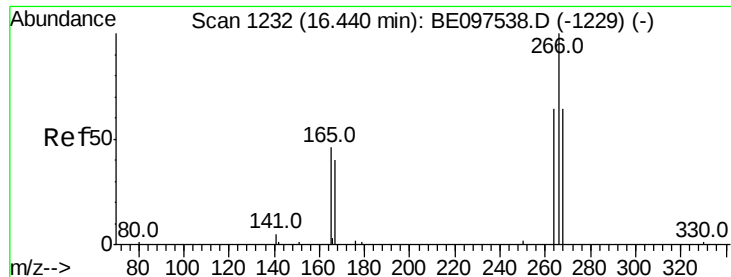
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1260
Delta R.T. 0.01 min
Lab File: BE097635.D
Acq: 22 Sep 2018 6:16

Tgt Ion:188 Resp: 6590
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 12.5 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: 0.139 ng

RT: 16.46 min Scan# 1234

Delta R.T. 0.02 min

Lab File: BE097635.D

Acq: 22 Sep 2018 6:16

Instrument :

BNA_E

ClientSampleId :

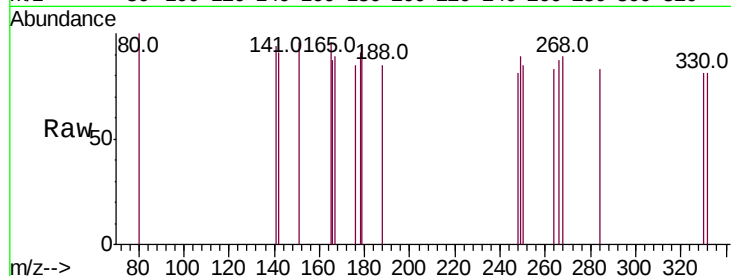
Tot Ion:266 Resp: 13

Ion Ratio Lower Upper

266 100

264 95.7 72.5 108.7

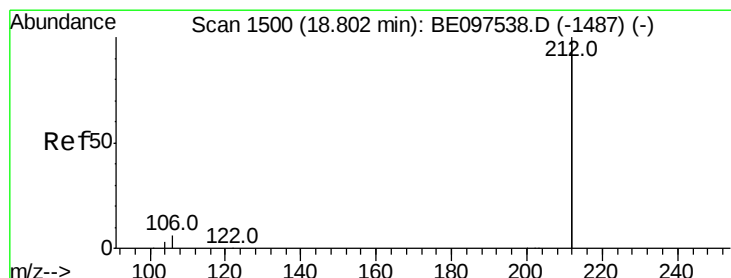
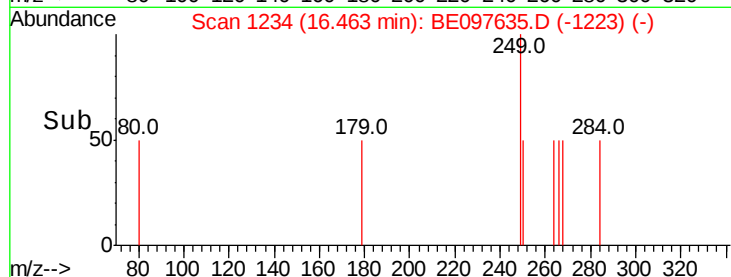
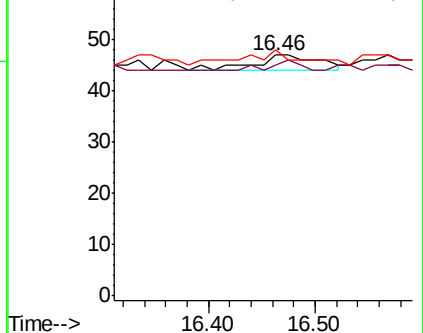
268 102.1 73.8 110.6



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



#25

Fluoranthene-d10

Concen: 0.447 ng

RT: 18.80 min Scan# 1500

Delta R.T. -0.00 min

Lab File: BE097635.D

Acq: 22 Sep 2018 6:16

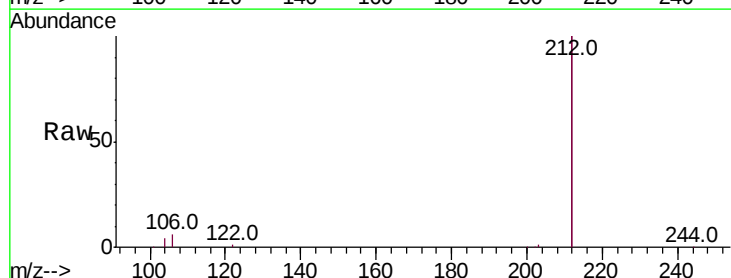
Tgt Ion:212 Resp: 37740

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

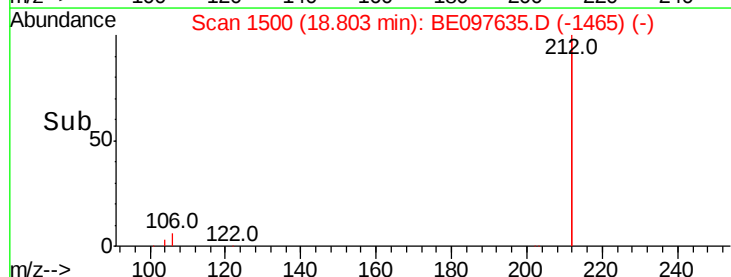
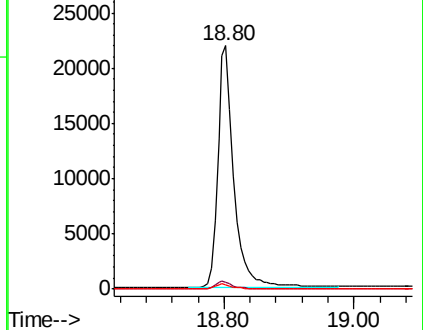
104 1.8 1.6 2.4

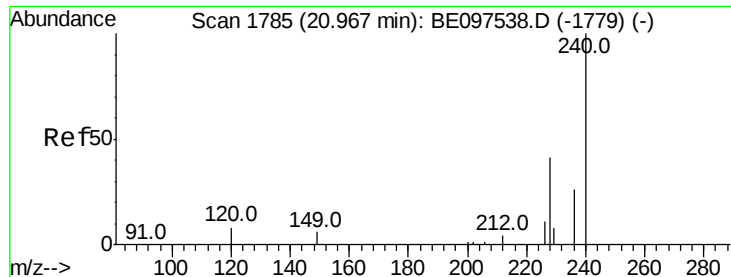


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.97 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BE097635.D

Acq: 22 Sep 2018 6:16

Instrument :

BNA_E

ClientSampleId :

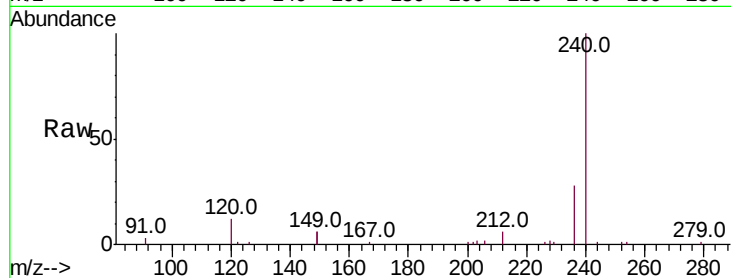
Tot Ion:240 Resp: 8677

Ion Ratio Lower Upper

240 100

120 12.0 5.5 8.3#

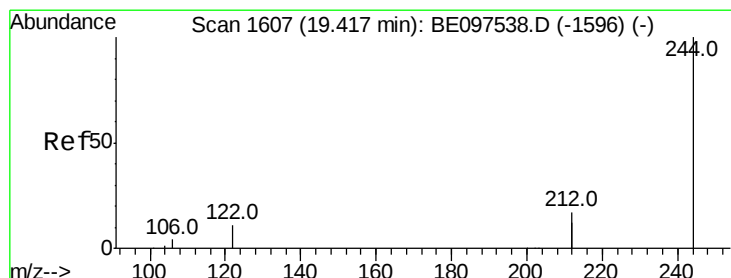
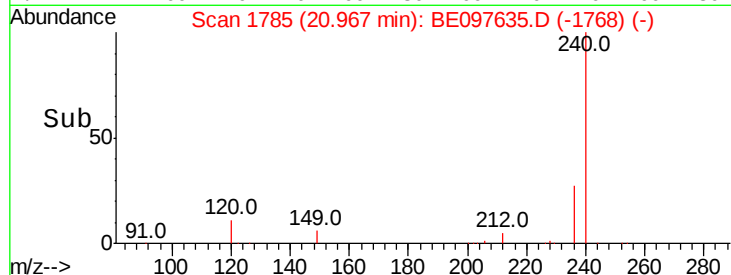
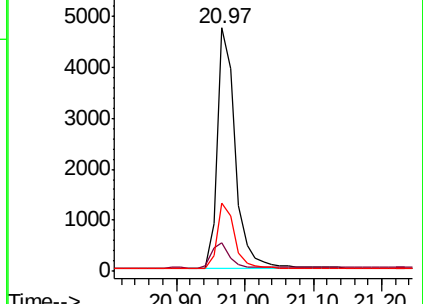
236 28.0 20.7 31.1



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



#29

Terphenyl-d14

Concen: 0.553 ng

RT: 19.41 min Scan# 1606

Delta R.T. -0.01 min

Lab File: BE097635.D

Acq: 22 Sep 2018 6:16

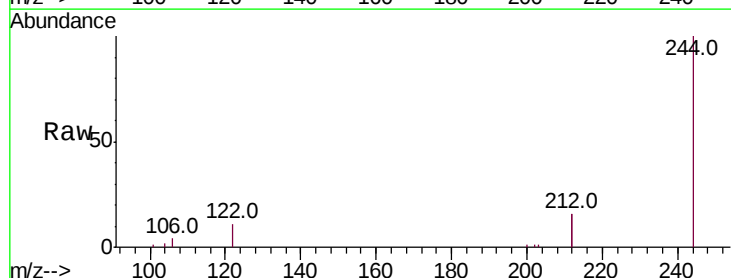
Tgt Ion:244 Resp: 8777

Ion Ratio Lower Upper

244 100

212 31.8 25.4 38.0

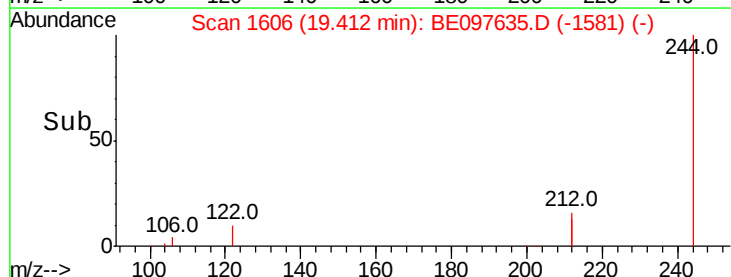
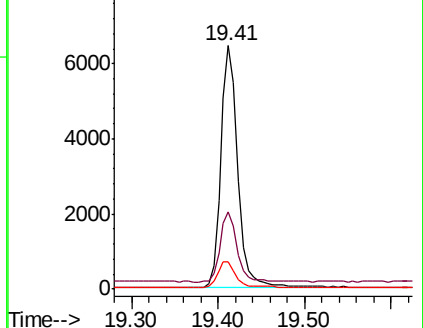
122 11.2 8.1 12.1

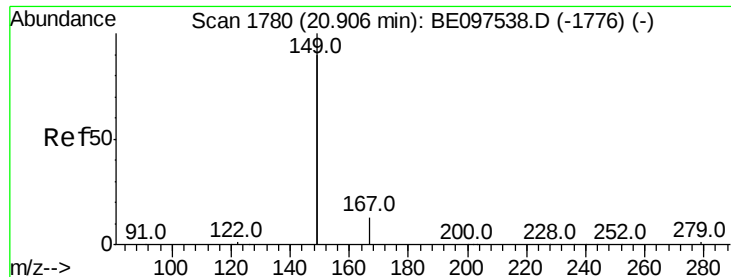


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

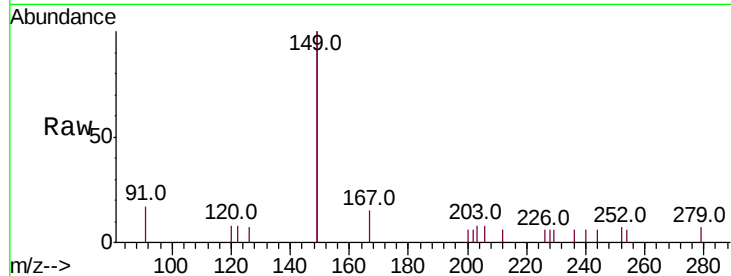




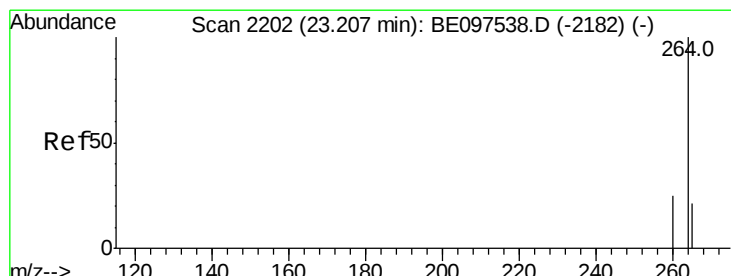
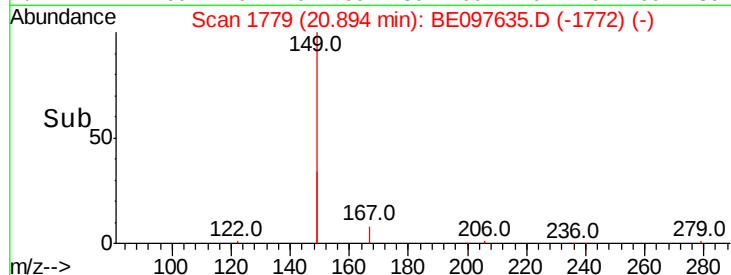
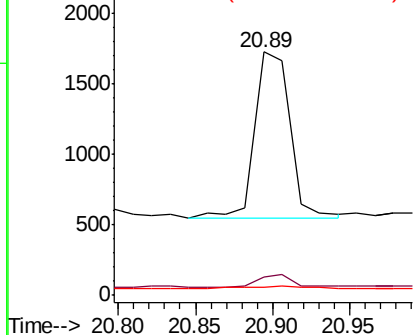
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.062 ng
 RT: 20.89 min Scan# 1779
 Delta R.T. -0.01 min
 Lab File: BE097635.D
 Acq: 22 Sep 2018 6:16

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:149 Resp: 1883
 Ion Ratio Lower Upper
 149 100
 167 6.6 5.4 8.0
 279 1.4 0.7 1.1#

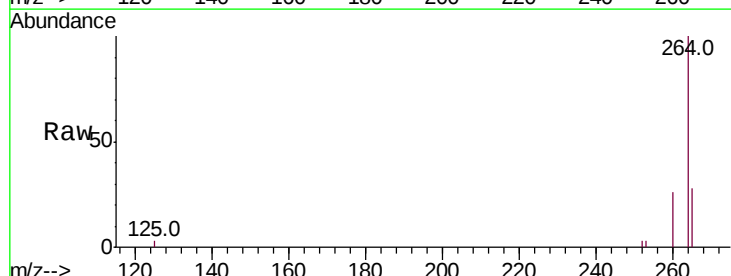


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

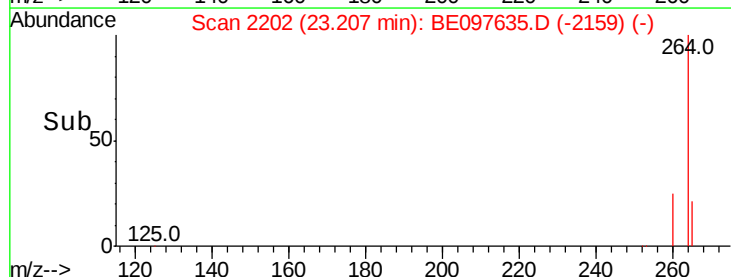
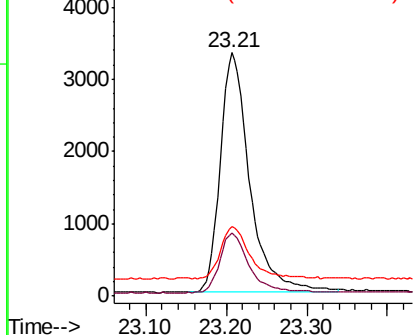


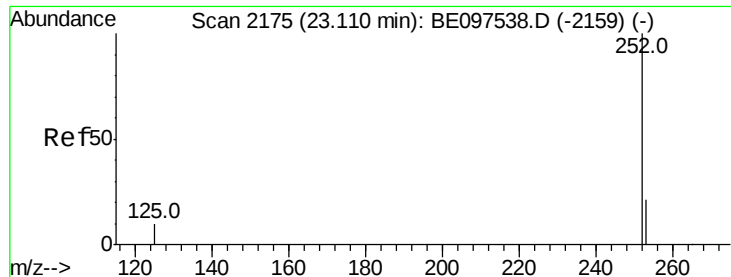
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2202
 Delta R.T. 0.00 min
 Lab File: BE097635.D
 Acq: 22 Sep 2018 6:16

Tgt Ion:264 Resp: 8441
 Ion Ratio Lower Upper
 264 100
 260 25.8 20.5 30.7
 265 28.4 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: 0.023 ng

RT: 23.13 min Scan# 2180

Delta R.T. 0.02 min

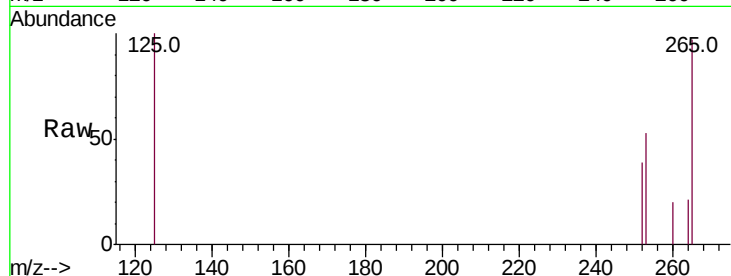
Lab File: BE097635.D

Acq: 22 Sep 2018 6:16

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 252 Resp: 59

Ion Ratio Lower Upper

252 100

253 135.4 16.0 24.0#

125 255.6 12.0 18.0#

