

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092118\
 Data File : BE097629.D
 Acq On : 22 Sep 2018 2:32
 Operator : SJ/JU
 Sample : J4954-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 22 04:10:42 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	744	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	3472	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	2154	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	7118	0.40	ng	0.00
27) Chrysene-d12	20.97	240	9703	0.40	ng	0.00
34) Perylene-d12	23.20	264	9294	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.05	112	422	0.19	ng	0.00
5) Phenol-d6	6.65	99	187	0.07	ng	0.05
8) Nitrobenzene-d5	8.56	82	1054	0.39	ng	0.02
11) 2-Methylnaphthalene-d10	11.73	152	2200	0.46	ng	0.01
14) 2,4,6-Tribromophenol	15.51	330	594	0.65	ng	-0.01
15) 2-Fluorobiphenyl	12.62	172	4930	0.65	ng	0.00
25) Fluoranthene-d10	18.80	212	43909	0.48	ng	0.00
29) Terphenyl-d14	19.41	244	10647	0.60	ng	0.00

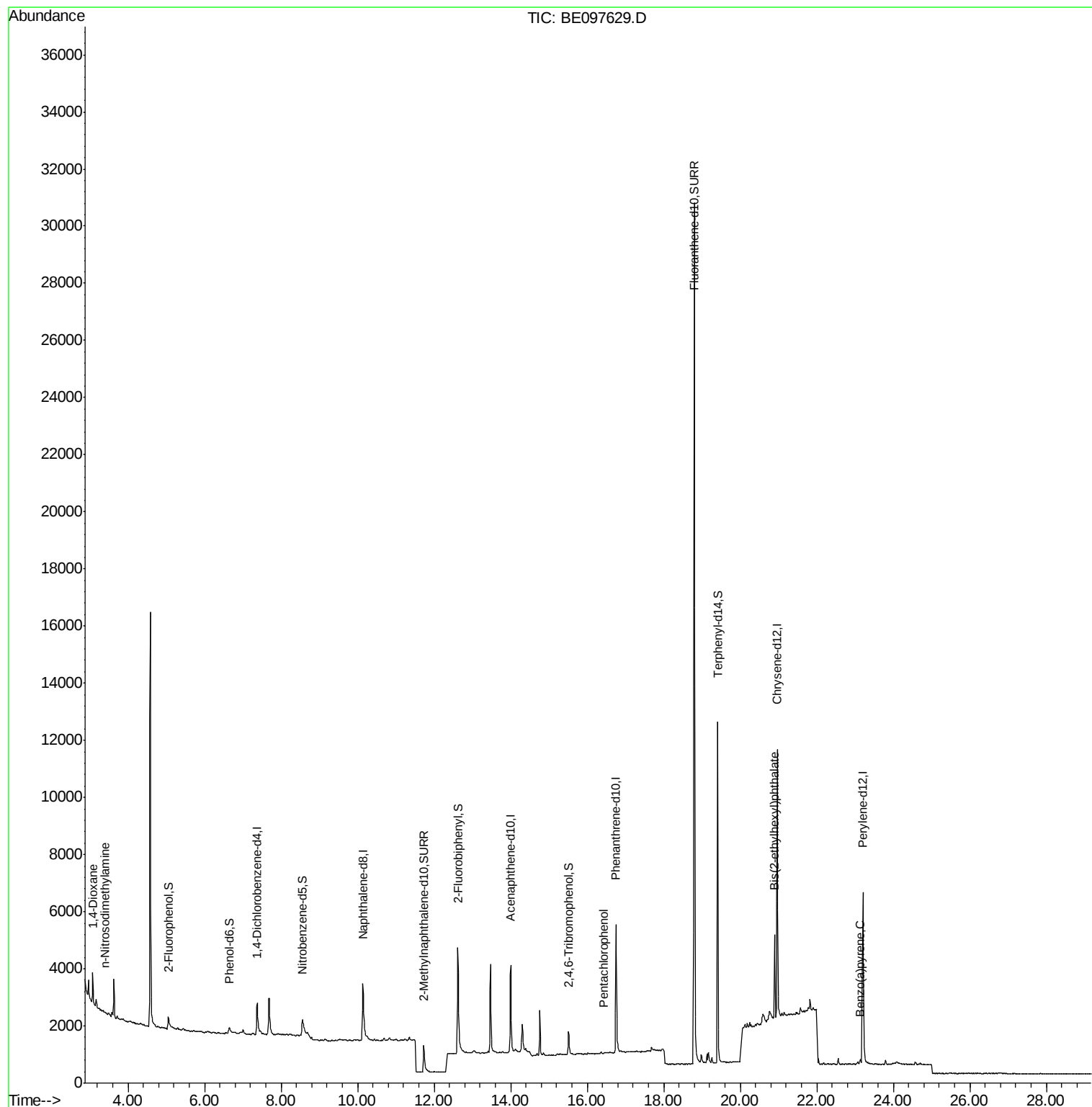
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.07	88	558	0.444	ng	91
3) n-Nitrosodimethylamine	3.38	42	32	0.045	ng	# 1
22) Pentachlorophenol	16.44	266	22	0.144	ng	99
32) Bis(2-ethylhexyl)phthalate	20.89	149	3912	0.106	ng	100
37) Benzo(a)pyrene	23.12	252	7	0.021	ng	# 1

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

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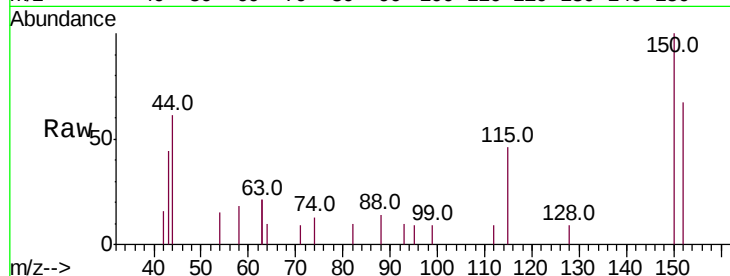


#1

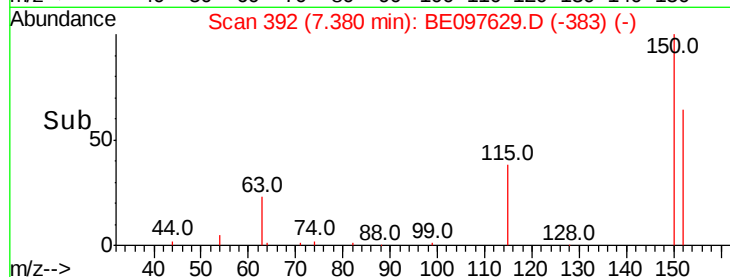
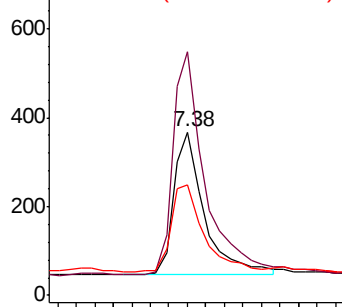
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097629.D
Acq: 22 Sep 2018 2:32

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 744
Ion Ratio Lower Upper
152 100
150 149.3 117.2 175.8
115 68.1 57.0 85.6



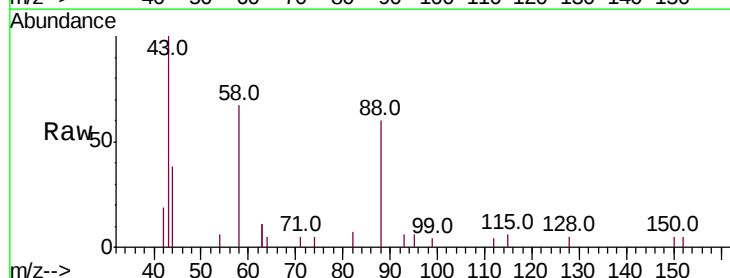
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



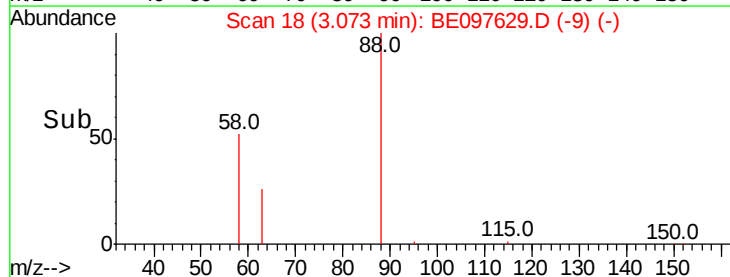
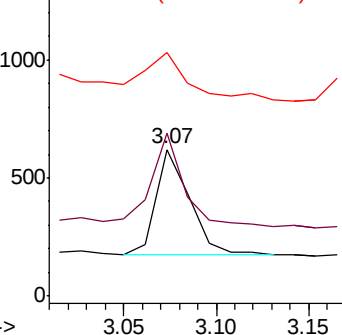
#2

1,4-Dioxane
Concen: 0.444 ng
RT: 3.07 min Scan# 18
Delta R.T. 0.00 min
Lab File: BE097629.D
Acq: 22 Sep 2018 2:32

Tgt Ion: 88 Resp: 558
Ion Ratio Lower Upper
88 100
58 87.5 63.2 94.8
43 57.2 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: 0.045 ng

RT: 3.38 min Scan# 45

Delta R.T. 0.01 min

Lab File: BE097629.D

Acq: 22 Sep 2018 2:32

Instrument :

BNA_E

ClientSampleId :

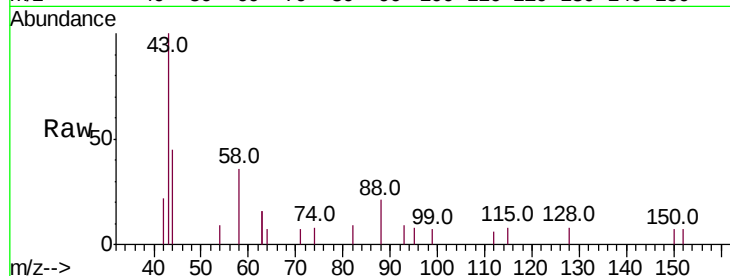
Tot Ion: 42 Resp: 32

Ion Ratio Lower Upper

42 100

74 15.6 96.0 144.0#

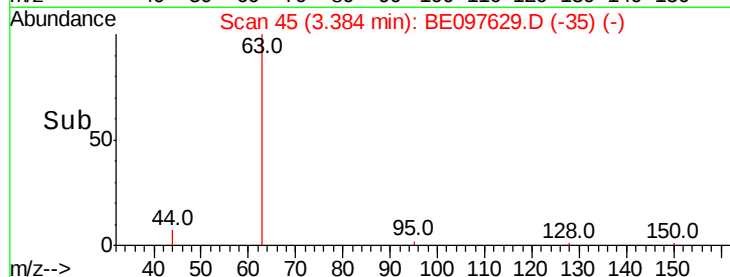
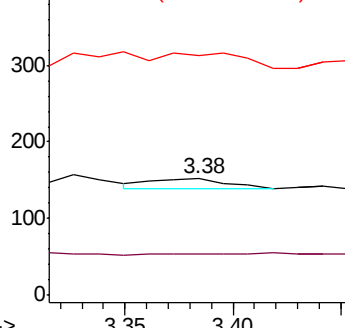
44 153.1 12.0 18.0#



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: 0.189 ng

RT: 5.05 min Scan# 190

Delta R.T. 0.00 min

Lab File: BE097629.D

Acq: 22 Sep 2018 2:32

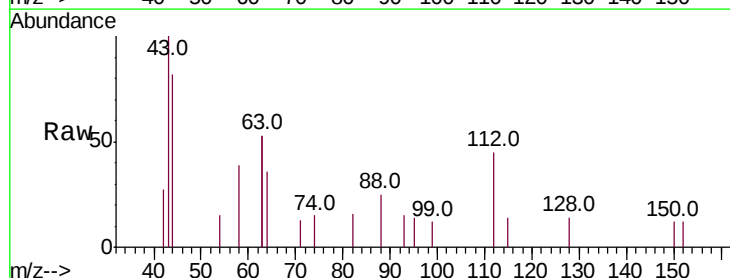
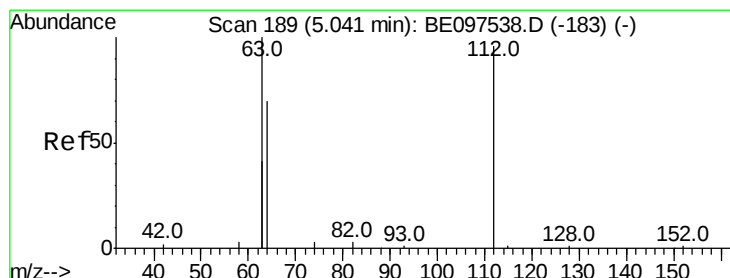
Tgt Ion: 112 Resp: 422

Ion Ratio Lower Upper

112 100

64 70.1 60.1 90.1

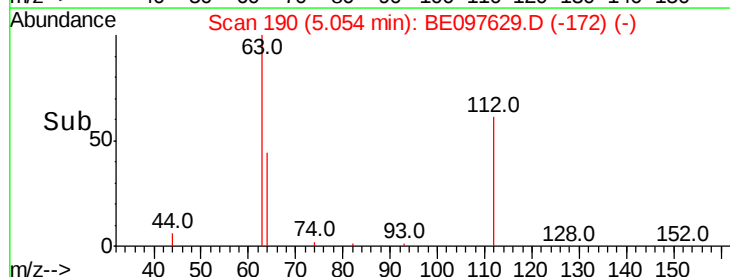
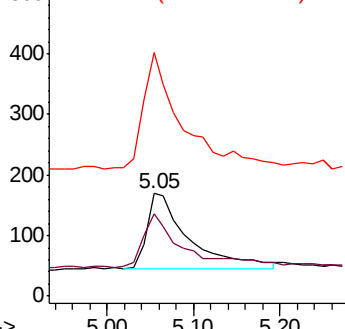
63 143.4 116.8 175.2

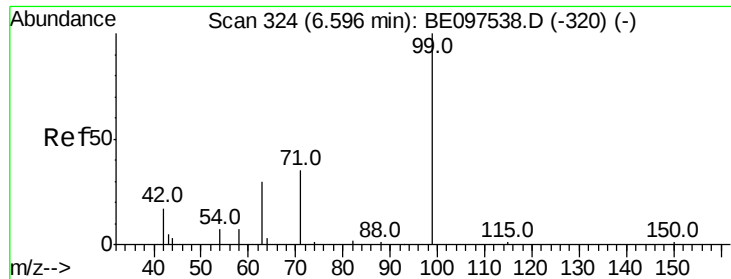


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.066 ng

RT: 6.65 min Scan# 329

Delta R.T. 0.05 min

Lab File: BE097629.D

Acq: 22 Sep 2018 2:32

Instrument :

BNA_E

ClientSampleId :

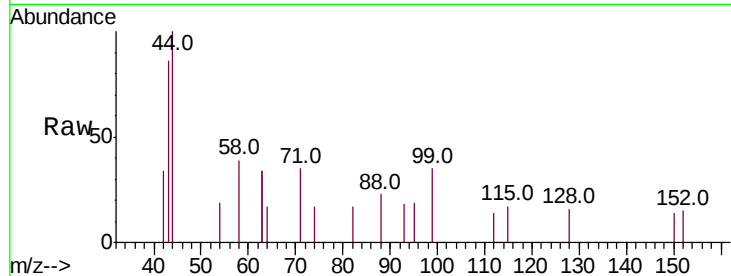
Tot Ion: 99 Resp: 187

Ion Ratio Lower Upper

99 100

42 0.0 20.2 30.2#

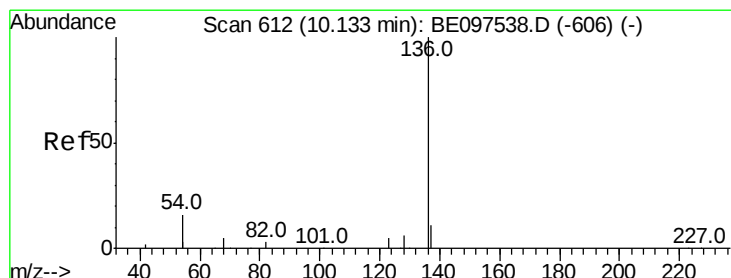
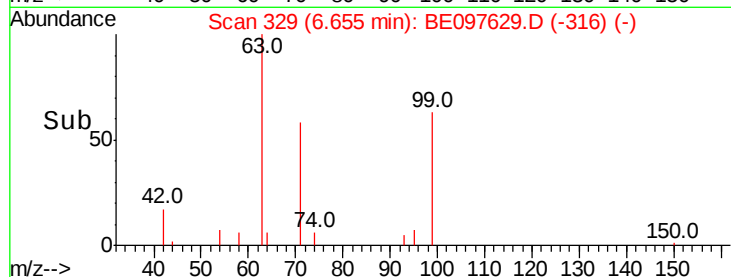
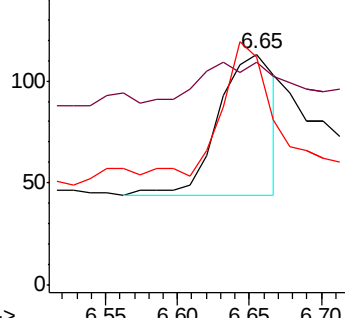
71 65.2 28.4 42.6#



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.13 min Scan# 612

Delta R.T. 0.00 min

Lab File: BE097629.D

Acq: 22 Sep 2018 2:32

Tgt Ion: 136 Resp: 3472

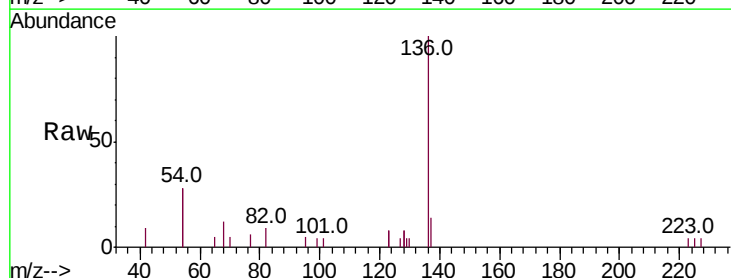
Ion Ratio Lower Upper

136 100

137 14.2 9.5 14.3

54 56.8 29.1 43.7#

68 12.4 6.2 9.2#

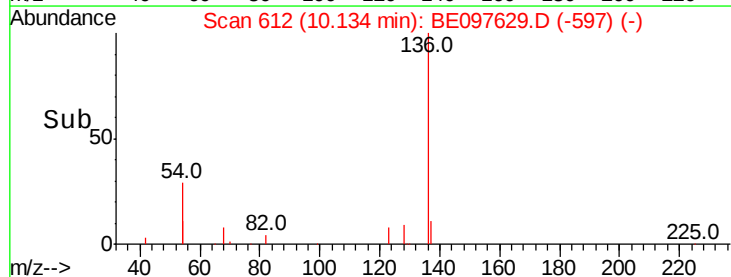
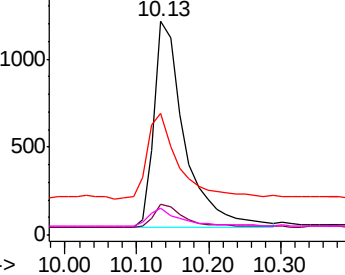


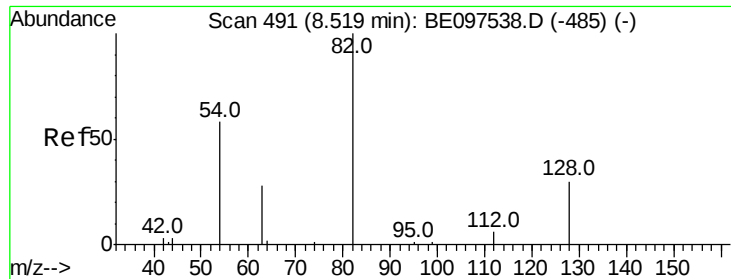
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.393 ng

RT: 8.56 min Scan# 494

Delta R.T. 0.02 min

Lab File: BE097629.D

Acq: 22 Sep 2018 2:32

Instrument :

BNA_E

ClientSampleId :

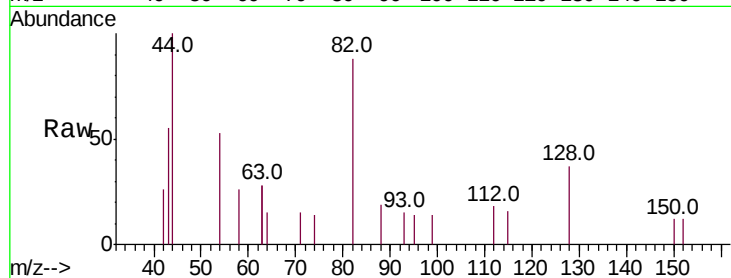
Tot Ion: 82 Resp: 1054

Ion Ratio Lower Upper

82 100

128 42.5 24.0 36.0#

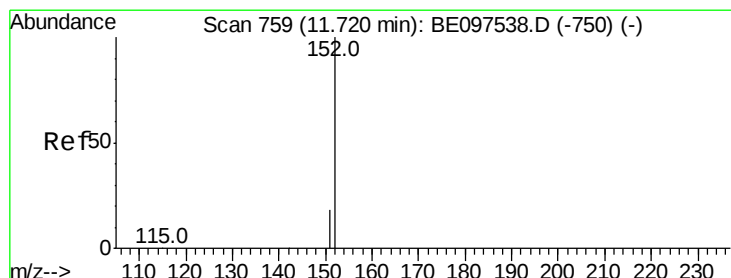
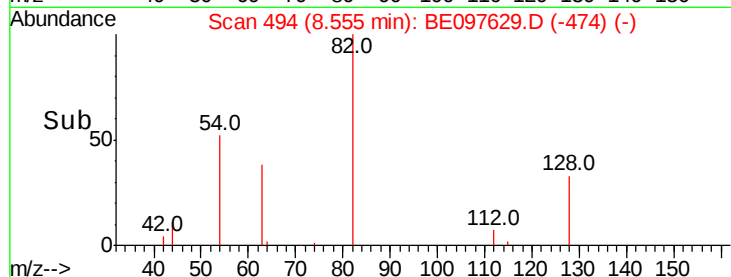
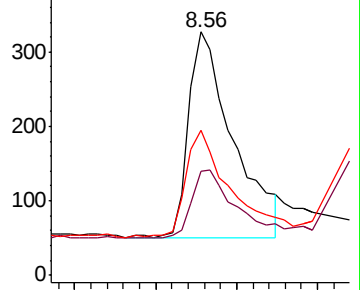
54 59.6 40.0 60.0



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



#11

2-Methylnaphthalene-d10

Concen: 0.460 ng

RT: 11.73 min Scan# 761

Delta R.T. 0.01 min

Lab File: BE097629.D

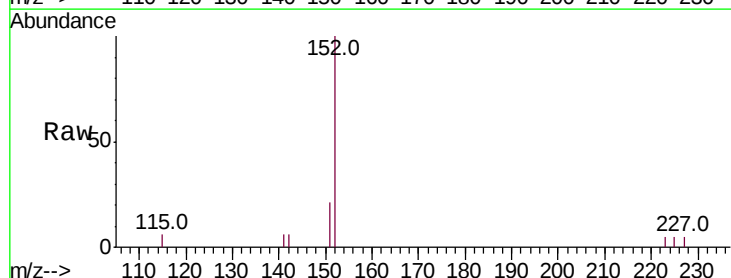
Acq: 22 Sep 2018 2:32

Tgt Ion: 152 Resp: 2200

Ion Ratio Lower Upper

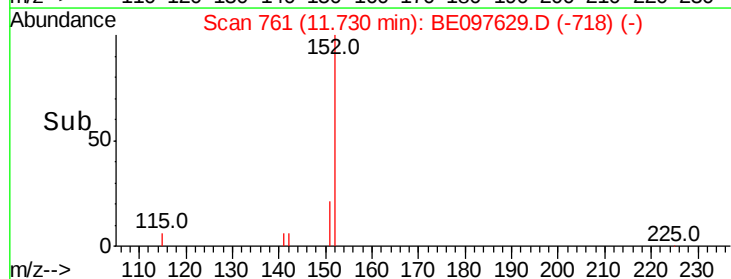
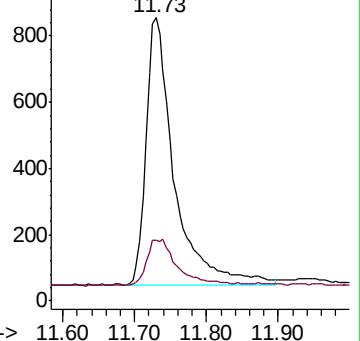
152 100

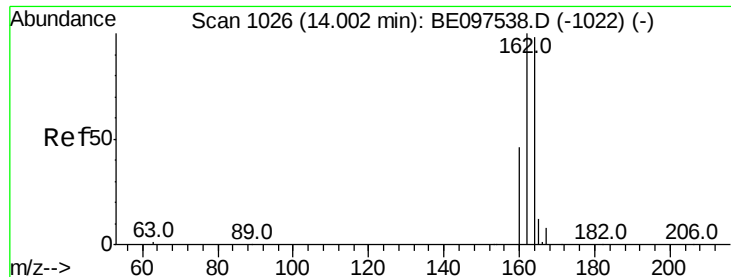
151 18.7 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

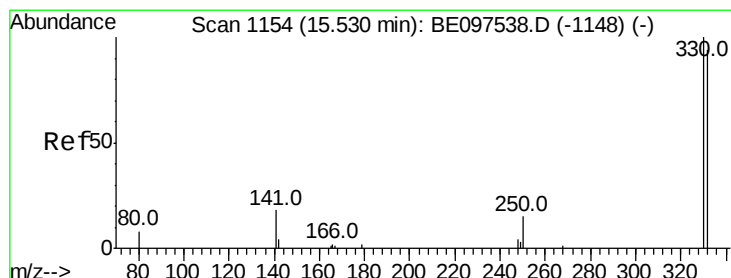
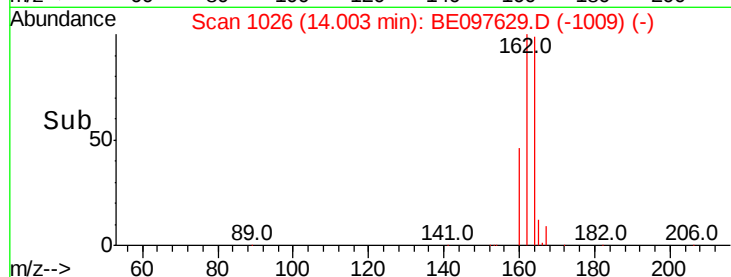
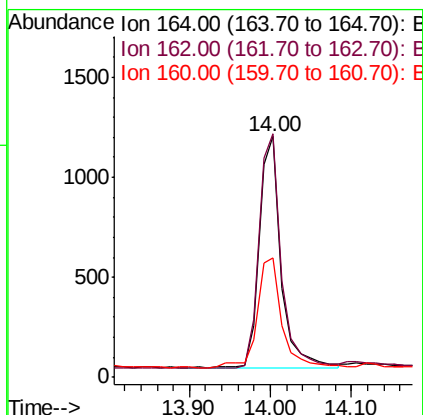
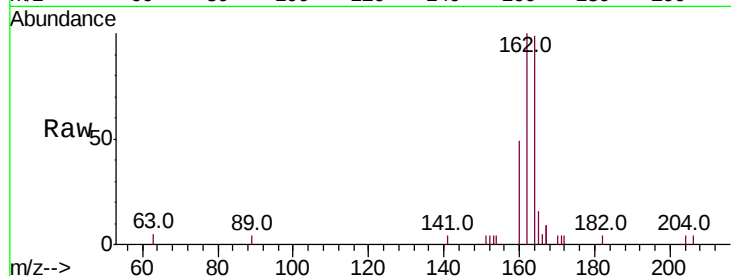




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.00 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BE097629.D
 Acq: 22 Sep 2018 2:32

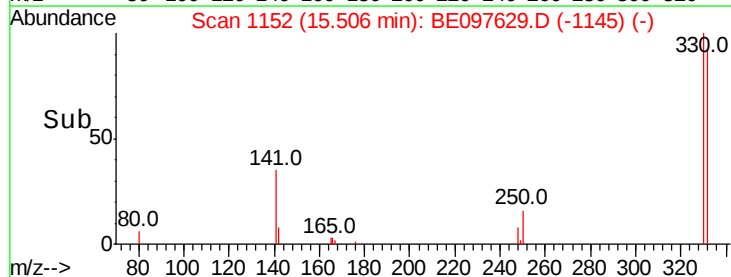
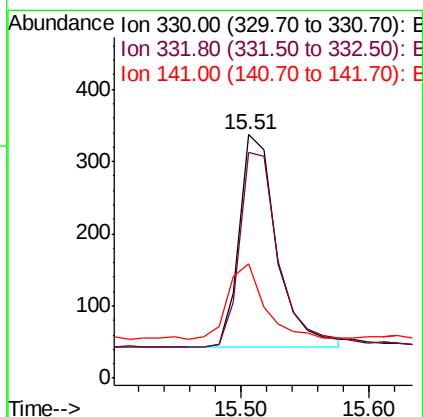
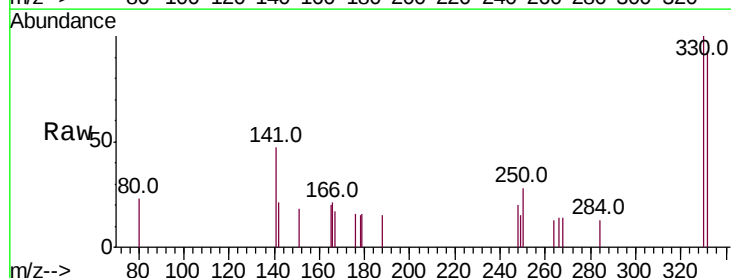
Instrument :
 BNA_E
 ClientSampleId :

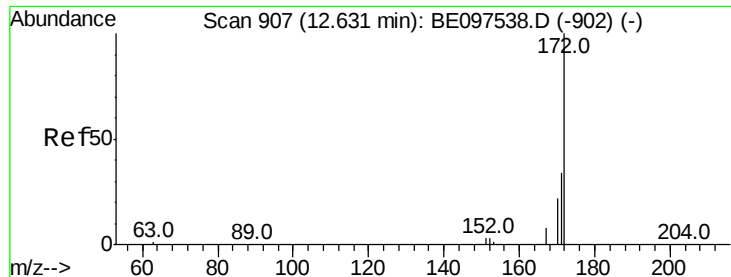
Tot Ion:164 Resp: 2154
 Ion Ratio Lower Upper
 164 100
 162 101.2 83.1 124.7
 160 49.8 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.652 ng
 RT: 15.51 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BE097629.D
 Acq: 22 Sep 2018 2:32

Tgt Ion:330 Resp: 594
 Ion Ratio Lower Upper
 330 100
 332 95.5 152.7 229.1#
 141 35.7 33.7 50.5

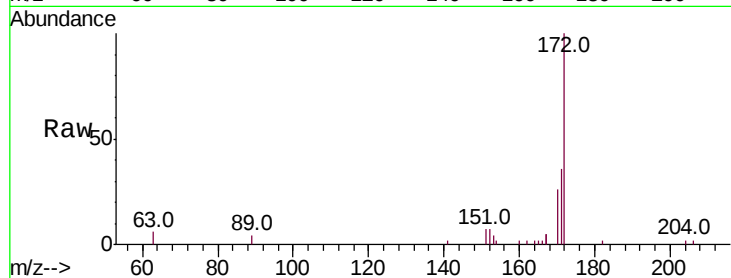




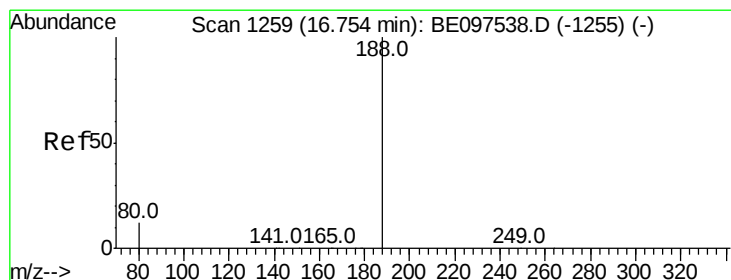
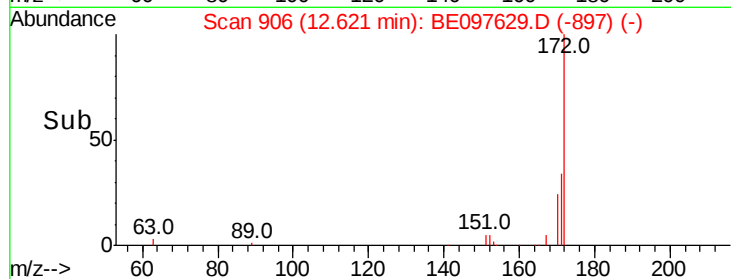
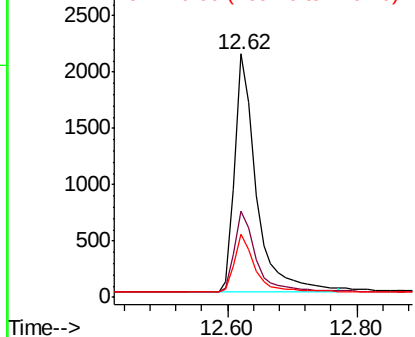
#15
2-Fluorobiphenyl
Concen: 0.648 ng
RT: 12.62 min Scan# 906
Delta R.T. 0.00 min
Lab File: BE097629.D
Acq: 22 Sep 2018 2:32

Instrument :
BNA_E
ClientSampled :

Tot Ion:172 Resp: 4930
Ion Ratio Lower Upper
172 100
171 35.5 29.9 44.9
170 26.0 21.8 32.8

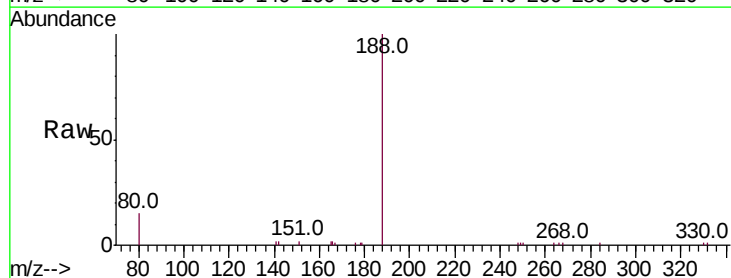


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

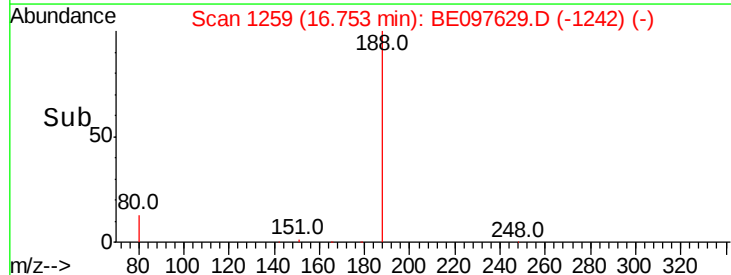
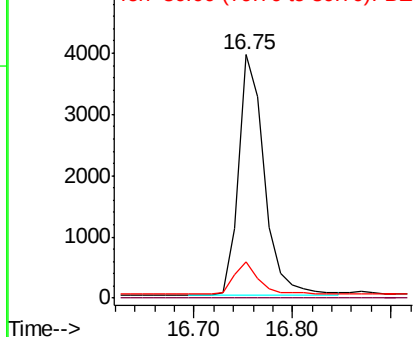


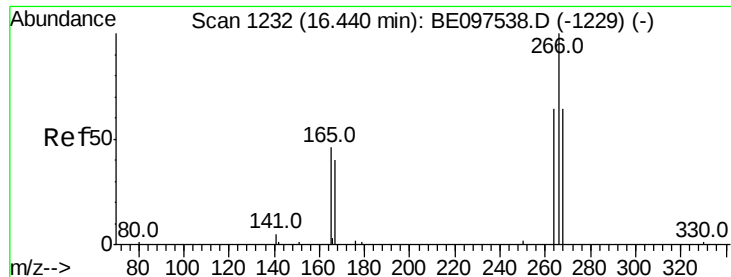
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.75 min Scan# 1259
Delta R.T. -0.00 min
Lab File: BE097629.D
Acq: 22 Sep 2018 2:32

Tgt Ion:188 Resp: 7118
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 14.7 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

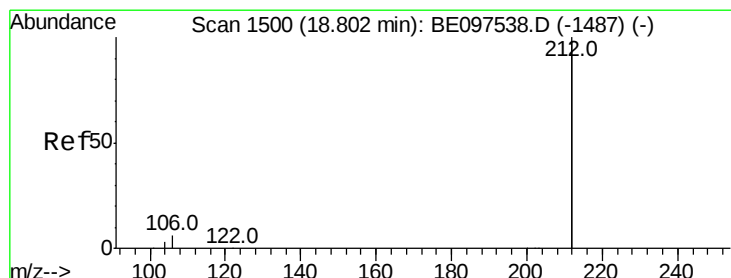
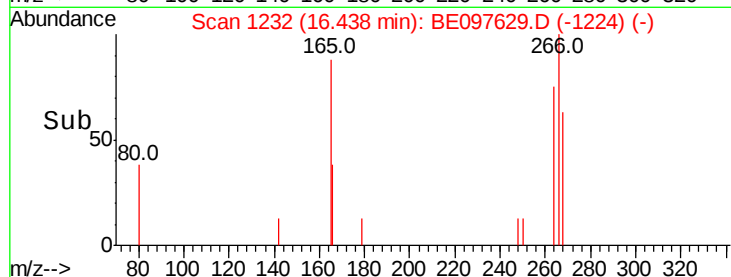
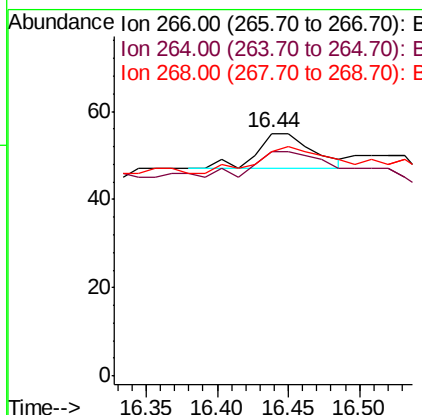
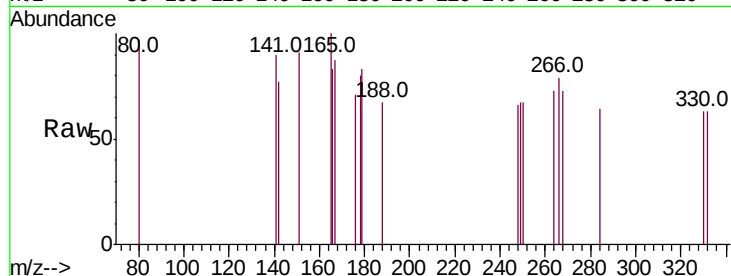




#22
 Pentachlorophenol
 Concen: 0.144 ng
 RT: 16.44 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BE097629.D
 Acq: 22 Sep 2018 2:32

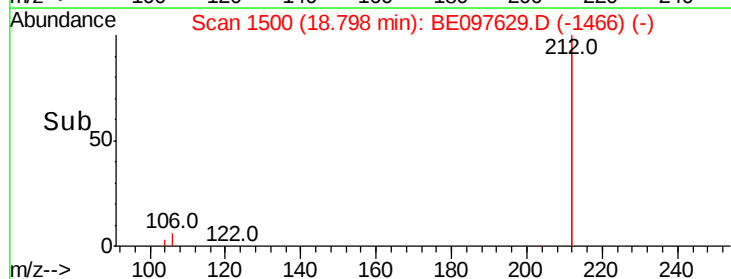
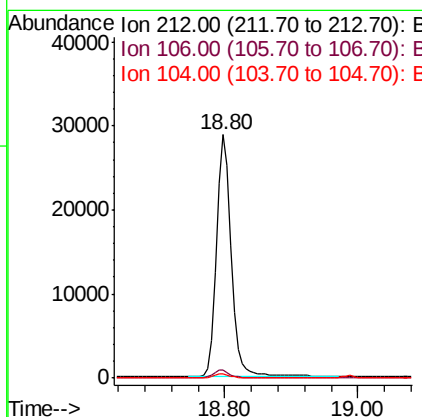
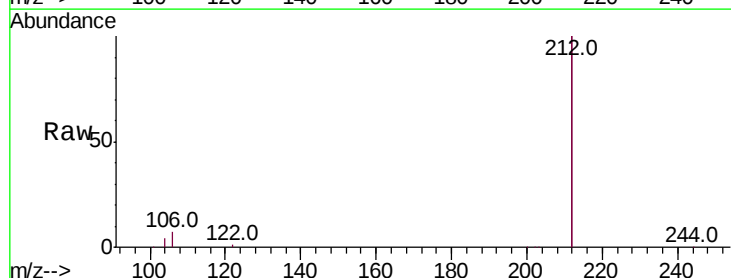
Instrument :
 BNA_E
 ClientSampleId :

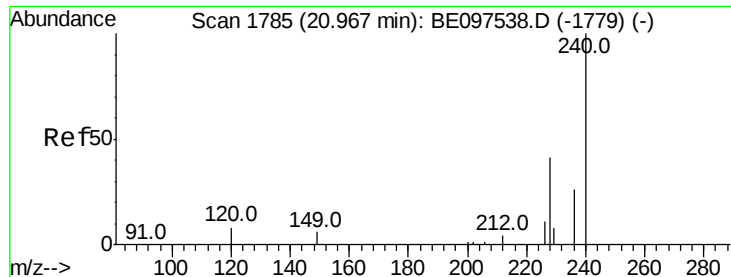
Tot Ion:266 Resp: 22
 Ion Ratio Lower Upper
 266 100
 264 92.7 72.5 108.7
 268 92.7 73.8 110.6



#25
 Fluoranthene-d10
 Concen: 0.482 ng
 RT: 18.80 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: BE097629.D
 Acq: 22 Sep 2018 2:32

Tgt Ion:212 Resp: 43909
 Ion Ratio Lower Upper
 212 100
 106 3.2 2.8 4.2
 104 1.7 1.6 2.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.97 min Scan# 1786

Delta R.T. -0.00 min

Lab File: BE097629.D

Acq: 22 Sep 2018 2:32

Instrument :

BNA_E

ClientSampleId :

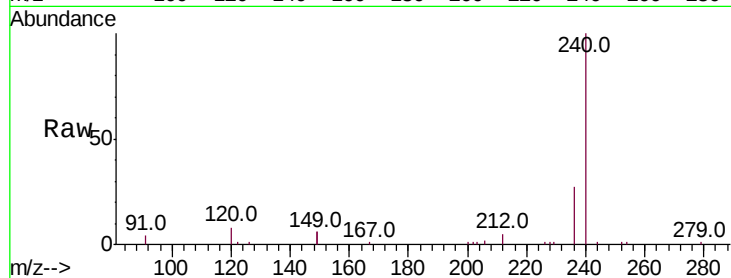
Tot Ion:240 Resp: 9703

Ion Ratio Lower Upper

240 100

120 8.2 5.5 8.3

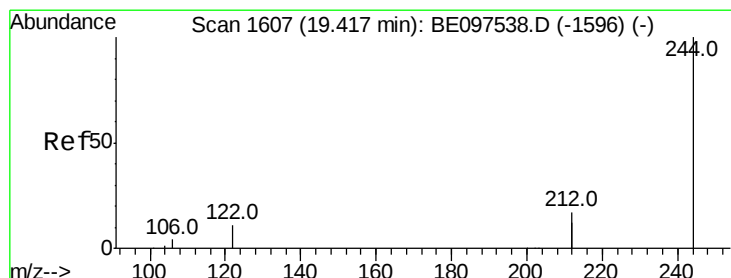
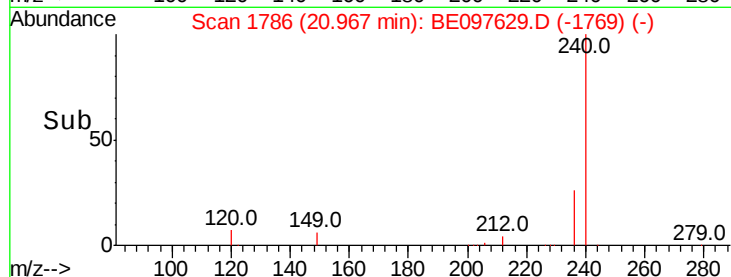
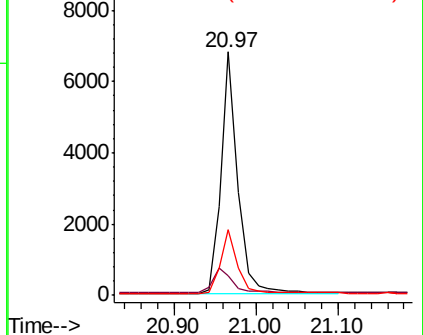
236 27.1 20.7 31.1



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: 0.600 ng

RT: 19.41 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BE097629.D

Acq: 22 Sep 2018 2:32

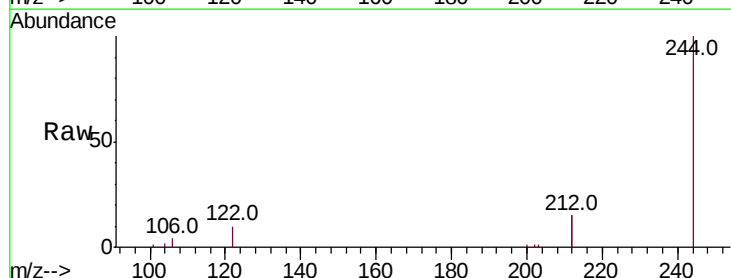
Tgt Ion:244 Resp: 10647

Ion Ratio Lower Upper

244 100

212 30.2 25.4 38.0

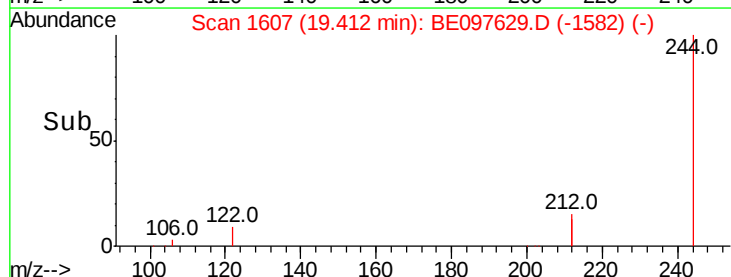
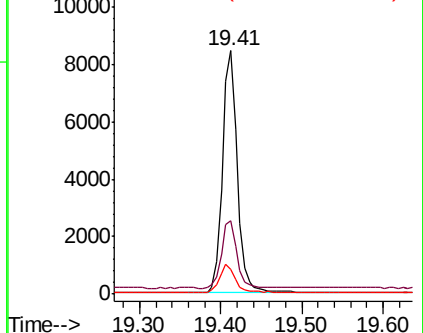
122 10.1 8.1 12.1

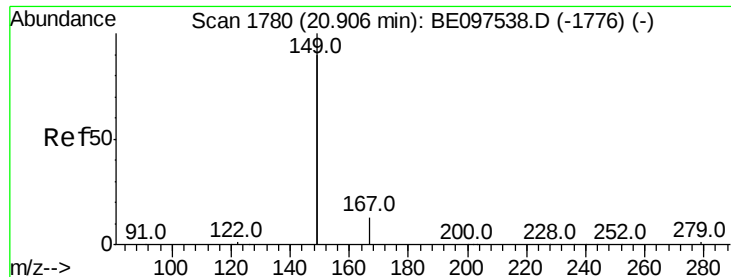


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

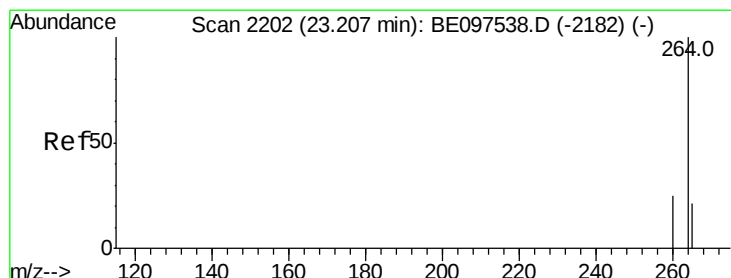
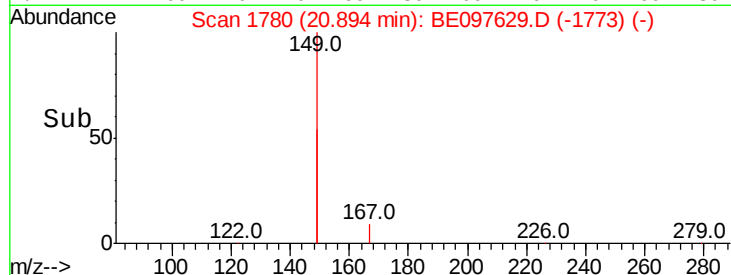
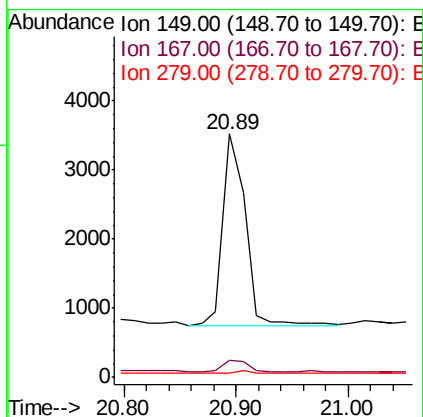
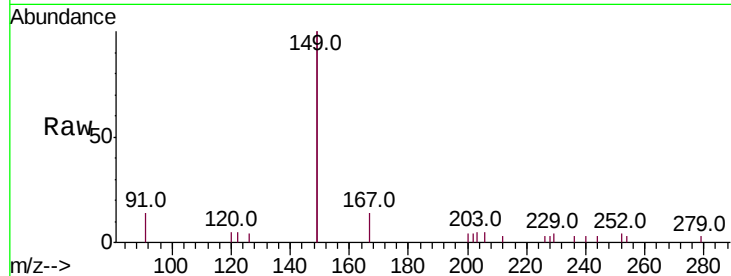




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.106 ng
 RT: 20.89 min Scan# 1780
 Delta R.T. -0.01 min
 Lab File: BE097629.D
 Acq: 22 Sep 2018 2:32

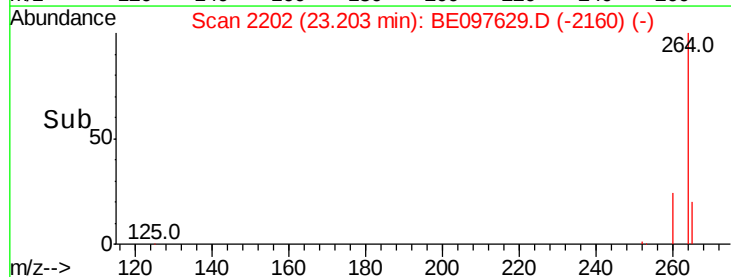
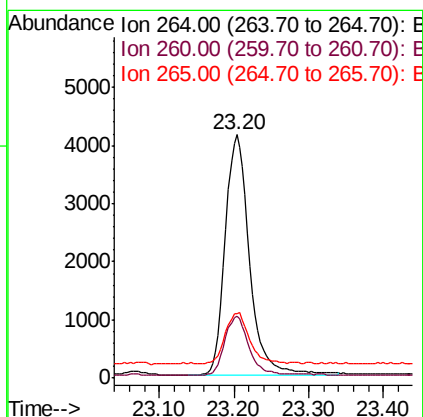
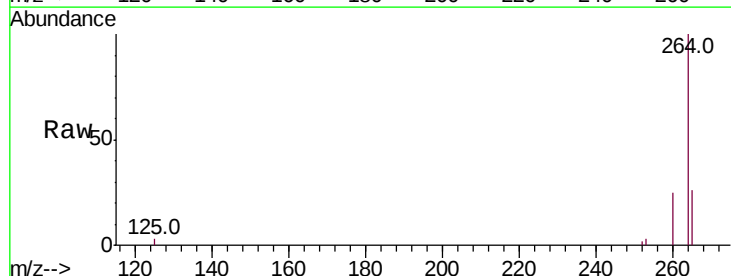
Instrument :
 BNA_E
 ClientSampleId :

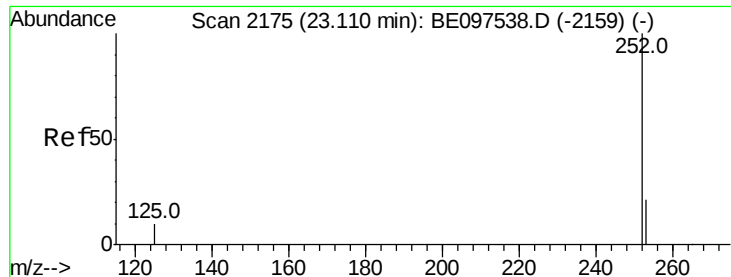
Tot Ion:149 Resp: 3912
 Ion Ratio Lower Upper
 149 100
 167 6.6 5.4 8.0
 279 1.0 0.7 1.1



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.20 min Scan# 2202
 Delta R.T. -0.00 min
 Lab File: BE097629.D
 Acq: 22 Sep 2018 2:32

Tgt Ion:264 Resp: 9294
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.5 30.7
 265 26.4 22.8 34.2





#37

Benzo(a)pyrene

Concen: 0.021 ng

RT: 23.12 min Scan# 2178

Delta R.T. 0.01 min

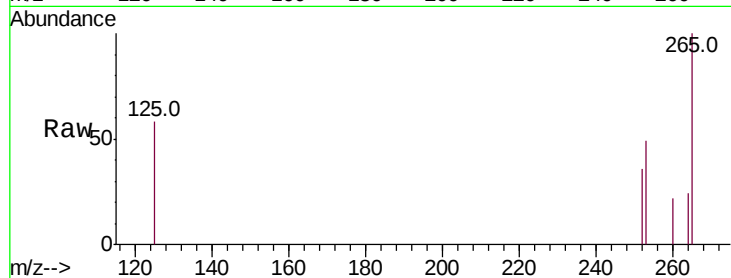
Lab File: BE097629.D

Acq: 22 Sep 2018 2:32

Instrument :

BNA_E

ClientSampleId :



Tot Ion:	252	Resp:	7
Ion	Ratio	Lower	Upper
252	100		
253	133.3	16.0	24.0#
125	160.0	12.0	18.0#

