

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092118\
 Data File : BE097616.D
 Acq On : 21 Sep 2018 17:53
 Operator : SJ/JU
 Sample : PB112764BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 22 04:08:39 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	1002	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	3986	0.40	ng	0.03
13) Acenaphthene-d10	14.03	164	2083	0.40	ng	0.02
19) Phenanthrene-d10	16.78	188	5024	0.40	ng	0.02
27) Chrysene-d12	20.98	240	6886	0.40	ng	0.01
34) Perylene-d12	23.21	264	6888	0.40	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.06	112	1106	0.37	ng	0.01
5) Phenol-d6	6.65	99	427	0.11	ng	0.05
8) Nitrobenzene-d5	8.59	82	753	0.24	ng	0.06
11) 2-Methylnaphthalene-d10	11.77	152	2195	0.40	ng	0.05
14) 2,4,6-Tribromophenol	15.56	330	148	0.24	ng	0.05
15) 2-Fluorobiphenyl	12.66	172	3062	0.42	ng	0.03
25) Fluoranthene-d10	18.82	212	25919	0.40	ng	0.01
29) Terphenyl-d14	19.42	244	4733	0.38	ng	0.00

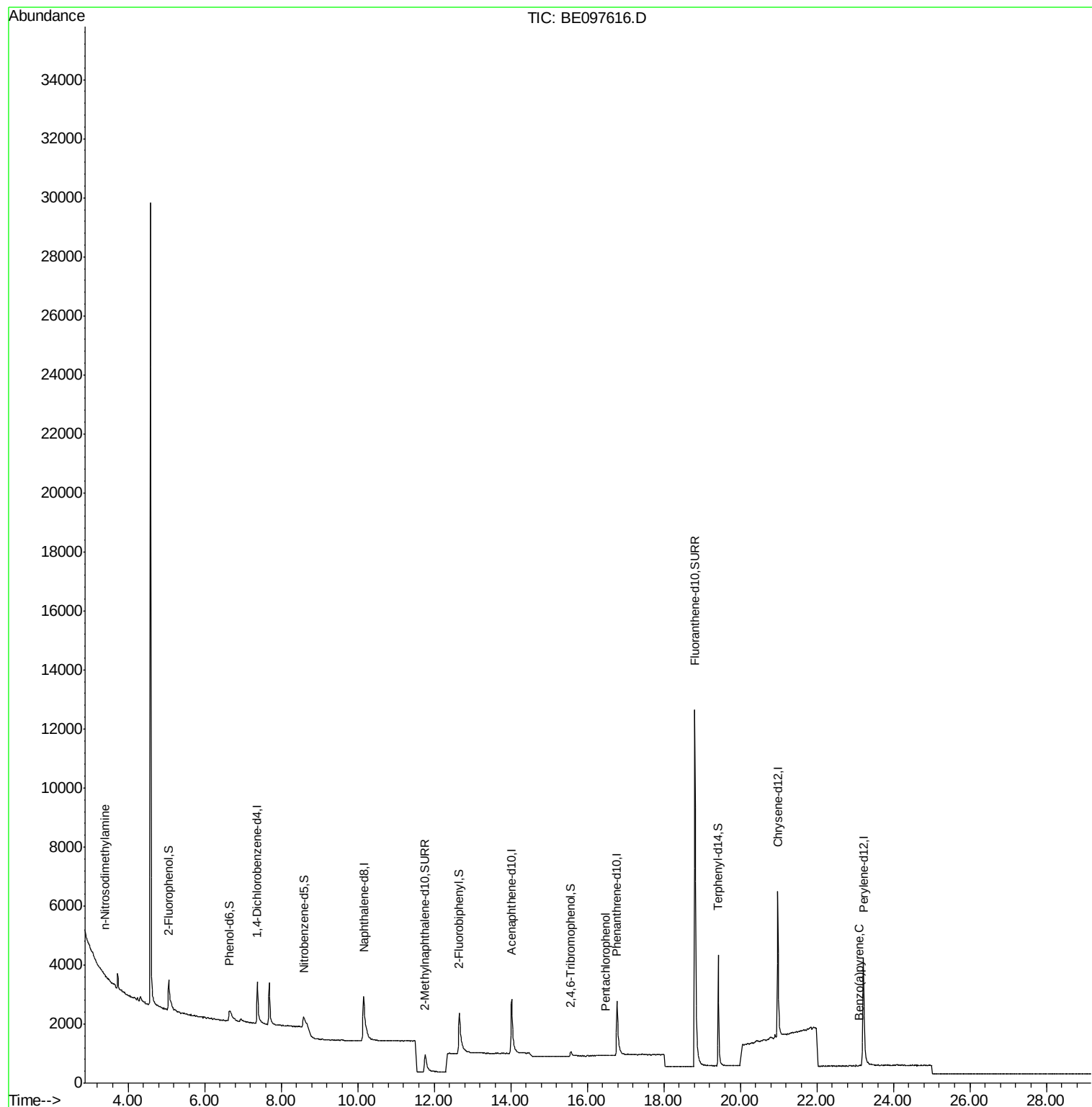
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.05	88	10	Below Cal		# 16
3) n-Nitrosodimethylamine	3.38	42	36	0.040	ng	# 1
22) Pentachlorophenol	16.49	266	3	0.132	ng	93
37) Benzo(a)pyrene	23.12	252	1	0.021	ng	# 1

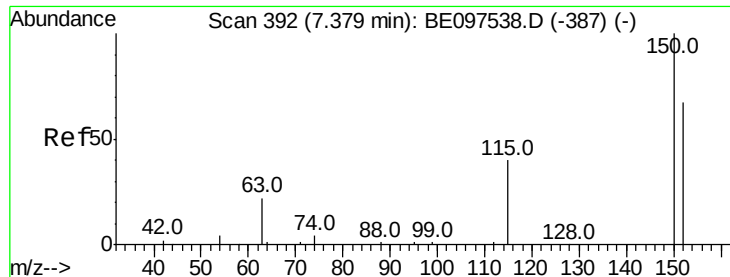
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE097616.D

Acq: 21 Sep 2018 17:53

Instrument :

BNA_E

ClientSampleId :

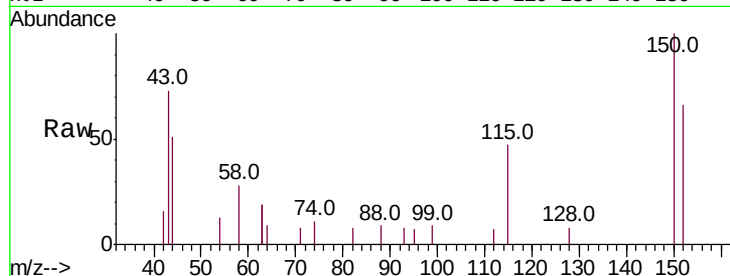
Tot Ion:152 Resp: 1002

Ion Ratio Lower Upper

152 100

150 152.2 117.2 175.8

115 71.8 57.0 85.6



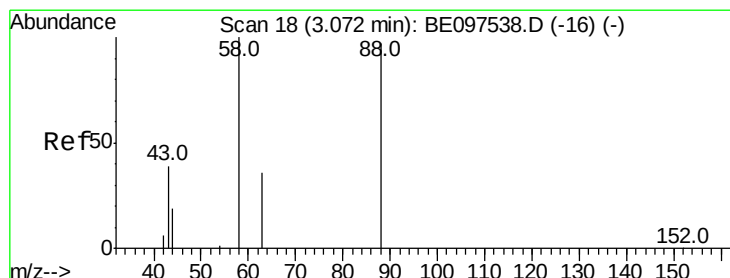
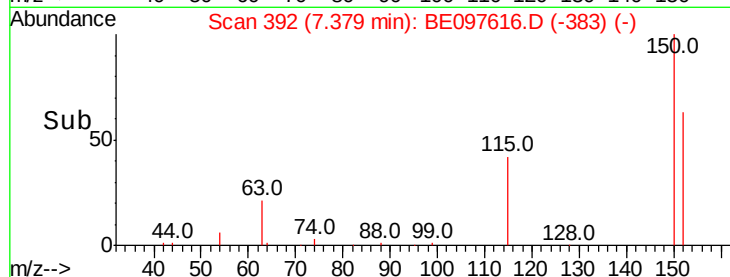
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

7.38

Time-->



#2

1,4-Dioxane

Concen: Below Cal

RT: 3.05 min Scan# 16

Delta R.T. -0.02 min

Lab File: BE097616.D

Acq: 21 Sep 2018 17:53

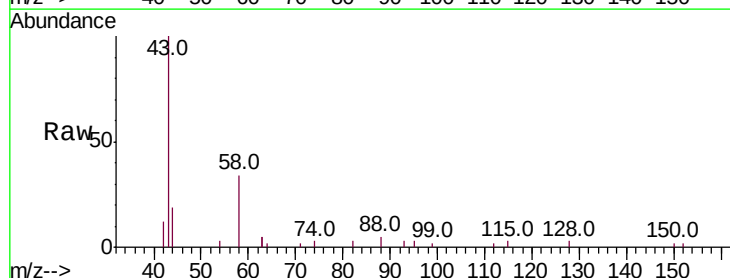
Tgt Ion: 88 Resp: 10

Ion Ratio Lower Upper

88 100

58 0.0 63.2 94.8#

43 0.0 41.2 61.8#



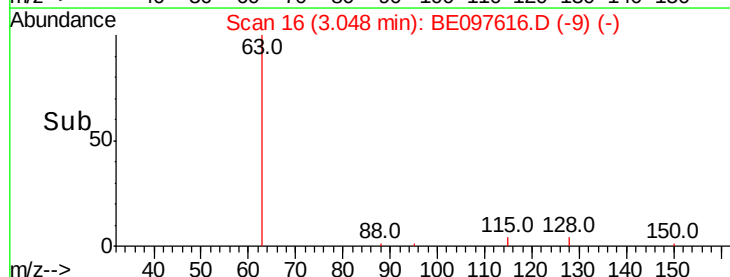
Abundance Ion 88.00 (87.70 to 88.70): BE0

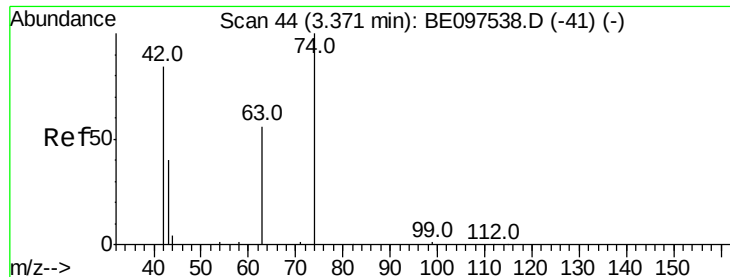
Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0

3.05

Time-->





#3

n-Nitrosodimethylamine

Concen: 0.040 ng

RT: 3.38 min Scan# 45

Delta R.T. 0.01 min

Lab File: BE097616.D

Acq: 21 Sep 2018 17:53

Instrument :

BNA_E

ClientSampled :

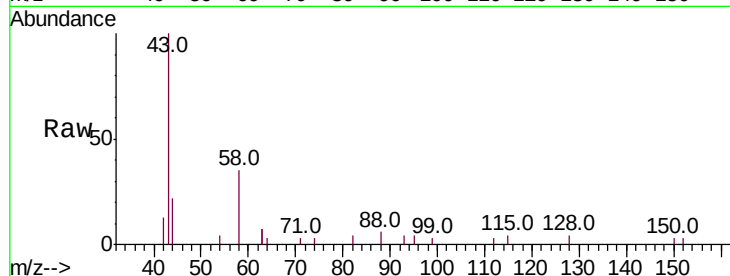
Tot Ion: 42 Resp: 36

Ion Ratio Lower Upper

42 100

74 0.0 96.0 144.0#

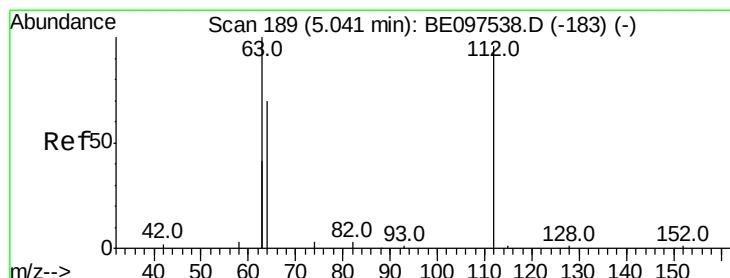
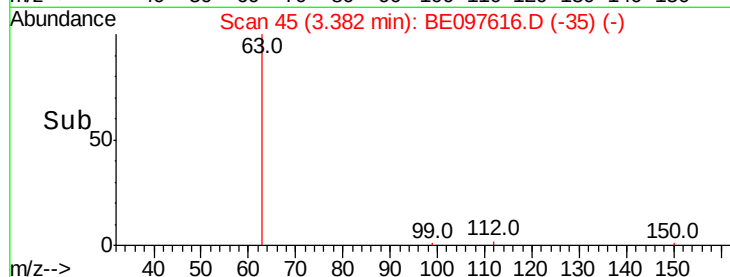
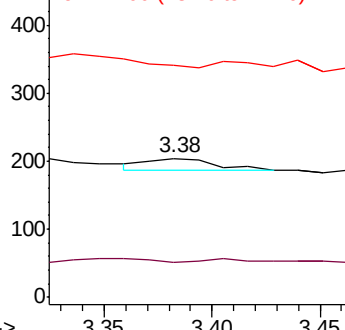
44 0.0 12.0 18.0#



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



#4

2-Fluorophenol

Concen: 0.368 ng

RT: 5.06 min Scan# 191

Delta R.T. 0.01 min

Lab File: BE097616.D

Acq: 21 Sep 2018 17:53

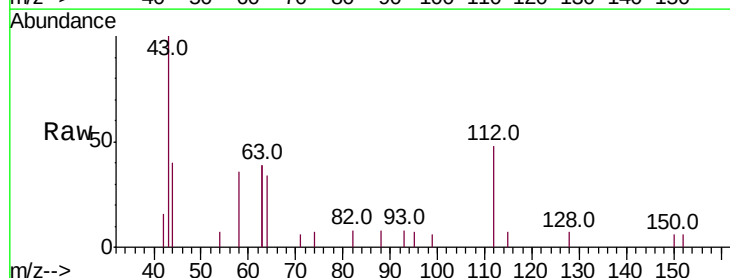
Tgt Ion: 112 Resp: 1106

Ion Ratio Lower Upper

112 100

64 64.8 60.1 90.1

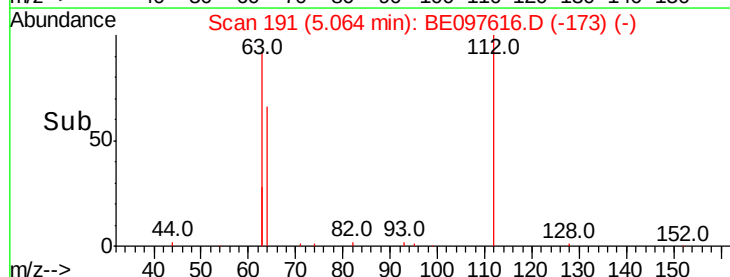
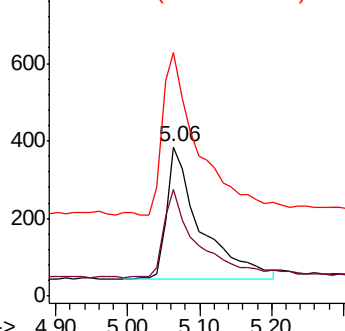
63 130.6 116.8 175.2

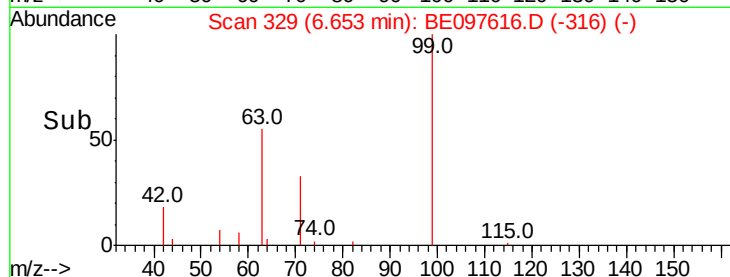
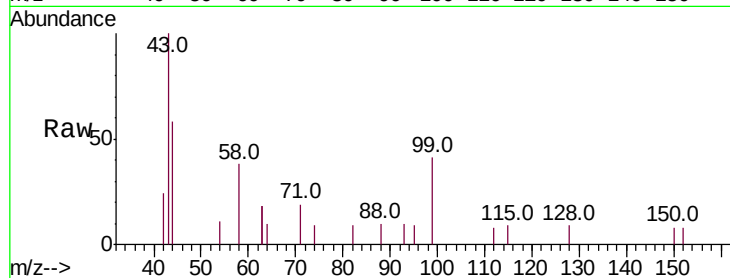
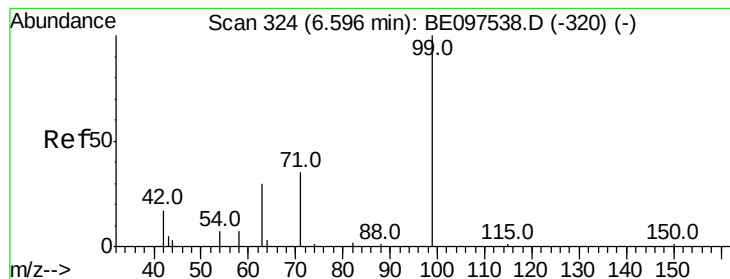


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.111 ng

RT: 6.65 min Scan# 329

Delta R.T. 0.05 min

Lab File: BE097616.D

Acq: 21 Sep 2018 17:53

Instrument :

BNA_E

ClientSampleId :

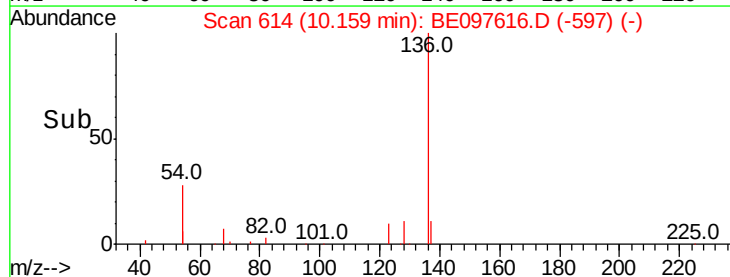
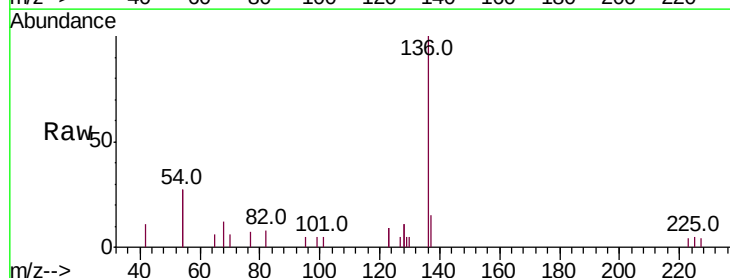
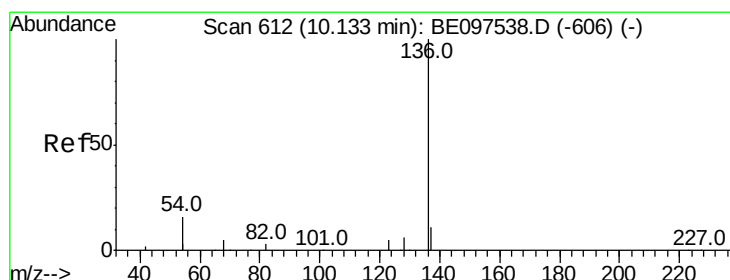
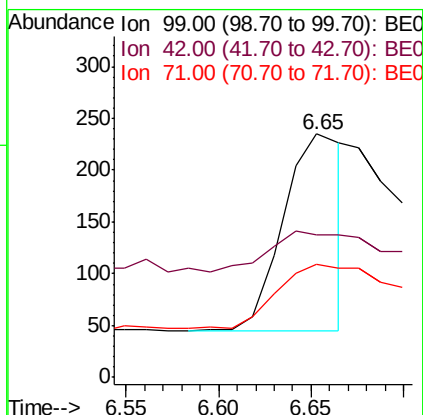
Tot Ion: 99 Resp: 427

Ion Ratio Lower Upper

99 100

42 24.1 20.2 30.2

71 34.9 28.4 42.6



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.16 min Scan# 614

Delta R.T. 0.03 min

Lab File: BE097616.D

Acq: 21 Sep 2018 17:53

Tgt Ion: 136 Resp: 3986

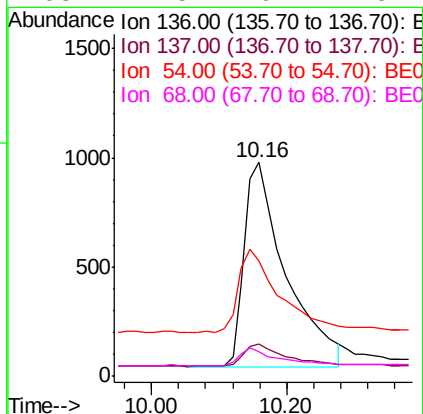
Ion Ratio Lower Upper

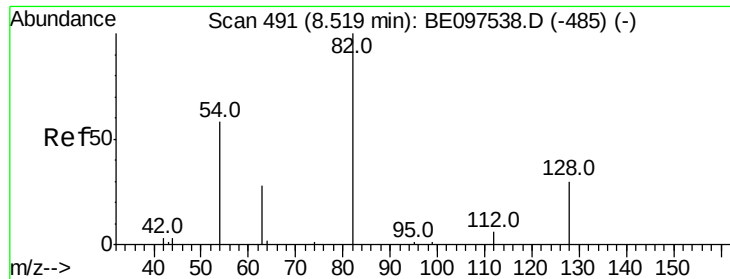
136 100

137 15.0 9.5 14.3#

54 53.9 29.1 43.7#

68 11.5 6.2 9.2#

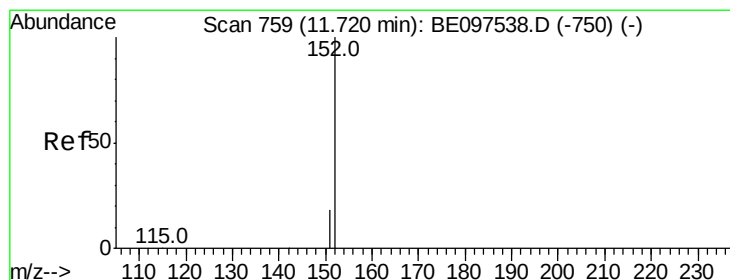
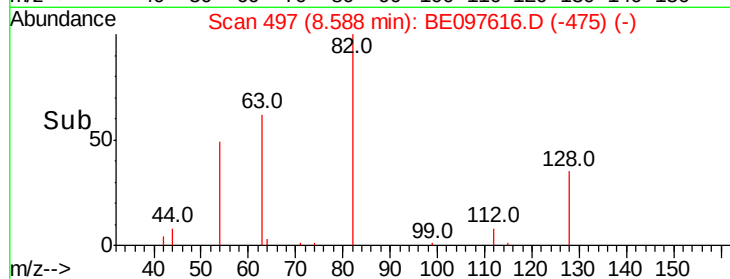
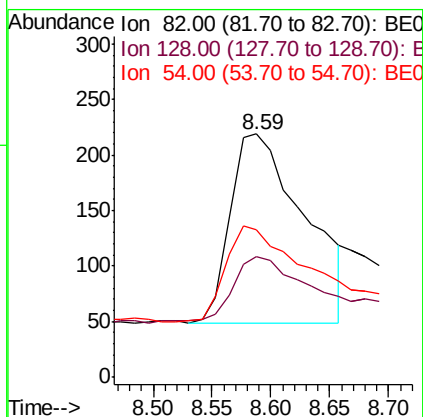
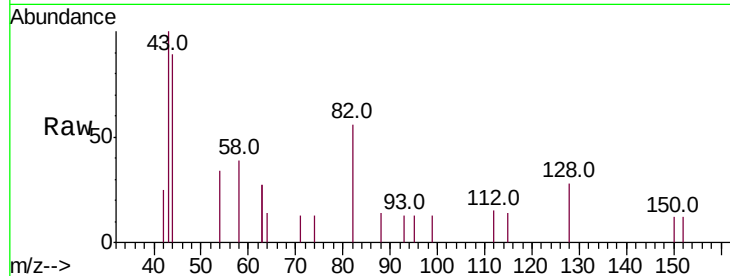




#8
 Nitrobenzene-d5
 Concen: 0.245 ng
 RT: 8.59 min Scan# 497
 Delta R.T. 0.06 min
 Lab File: BE097616.D
 Acq: 21 Sep 2018 17:53

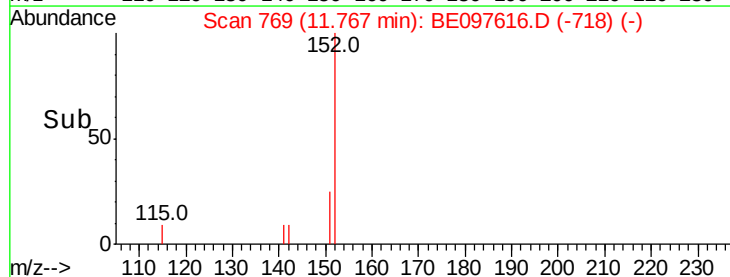
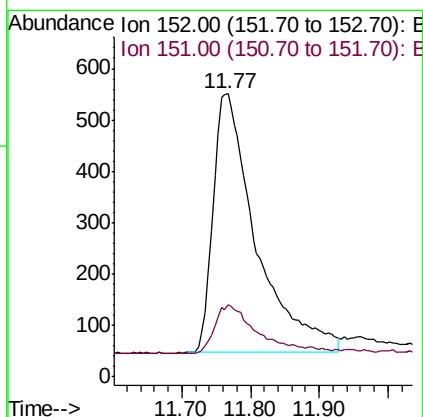
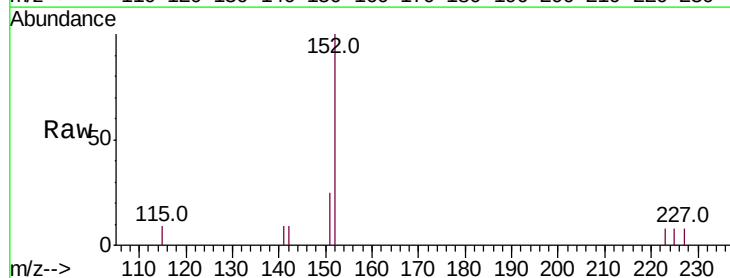
Instrument :
 BNA_E
 ClientSampled :

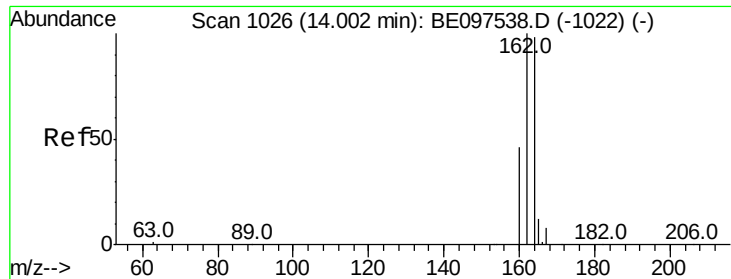
Tot Ion	Ratio	Lower	Upper
82	100		
128	49.8	24.0	36.0#
54	60.7	40.0	60.0#



#11
 2-Methylnaphthalene-d10
 Concen: 0.400 ng
 RT: 11.77 min Scan# 769
 Delta R.T. 0.05 min
 Lab File: BE097616.D
 Acq: 21 Sep 2018 17:53

Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.1	15.4	23.0

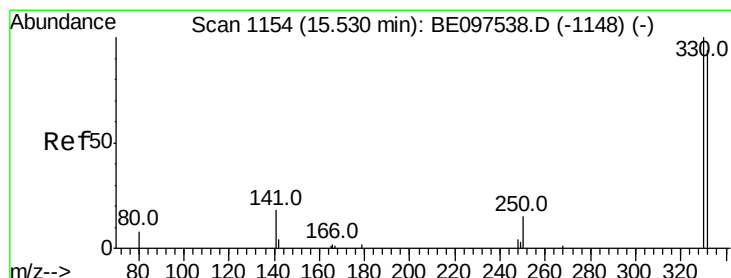
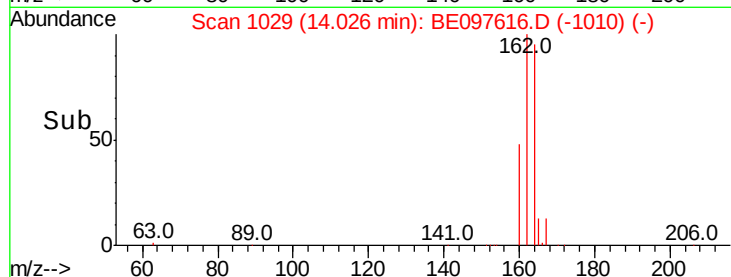
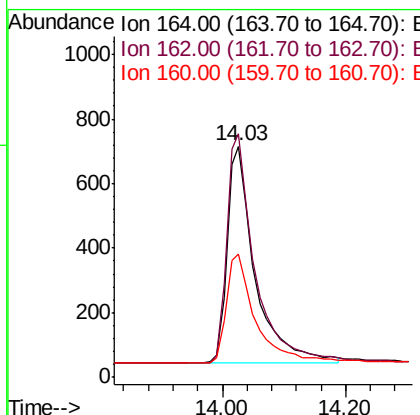
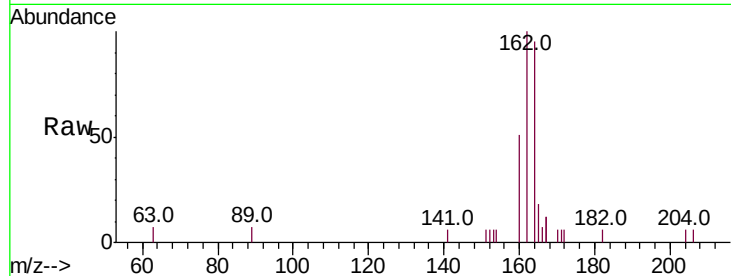




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.03 min Scan# 1029
 Delta R.T. 0.02 min
 Lab File: BE097616.D
 Acq: 21 Sep 2018 17:53

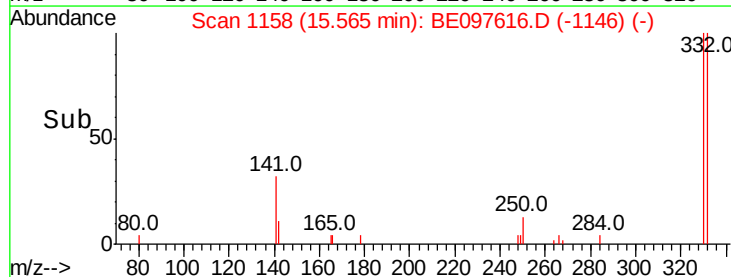
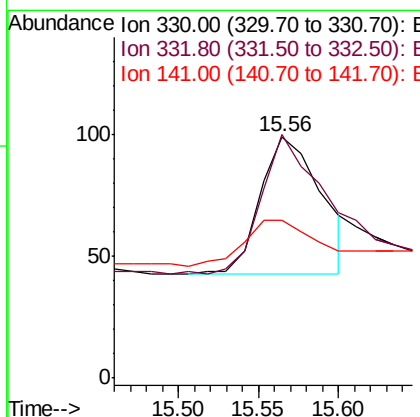
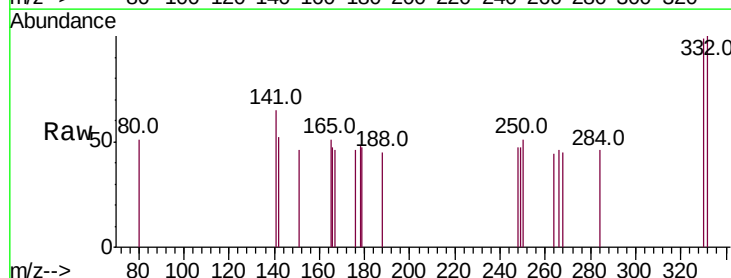
Instrument :
 BNA_E
 ClientSampleId :

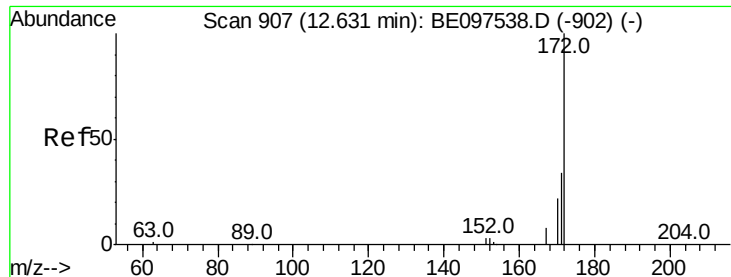
Tot Ion:164 Resp: 2083
 Ion Ratio Lower Upper
 164 100
 162 105.3 83.1 124.7
 160 53.4 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.244 ng
 RT: 15.56 min Scan# 1158
 Delta R.T. 0.05 min
 Lab File: BE097616.D
 Acq: 21 Sep 2018 17:53

Tgt Ion:330 Resp: 148
 Ion Ratio Lower Upper
 330 100
 332 99.3 152.7 229.1#
 141 39.2 33.7 50.5

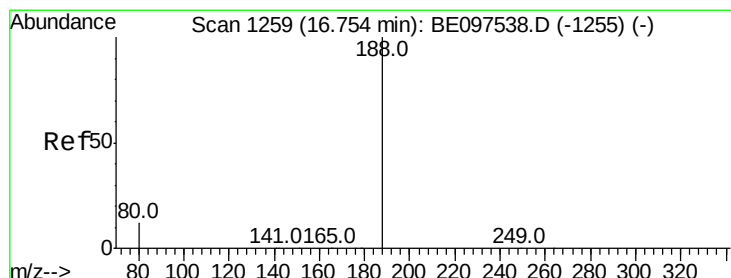
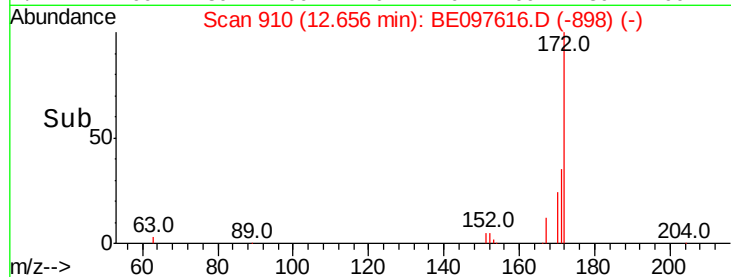
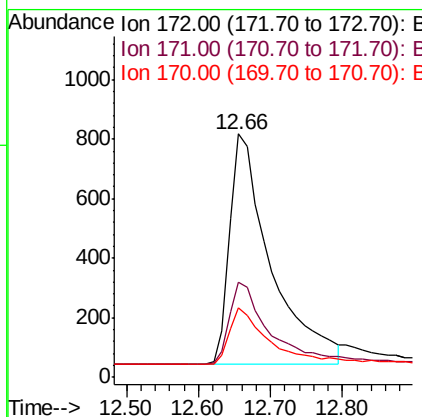
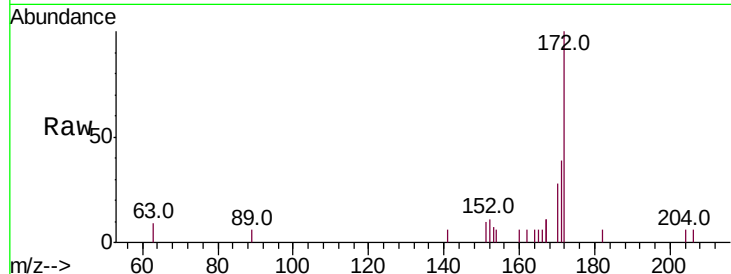




#15
2-Fluorobiphenyl
Concen: 0.416 ng
RT: 12.66 min Scan# 910
Delta R.T. 0.03 min
Lab File: BE097616.D
Acq: 21 Sep 2018 17:53

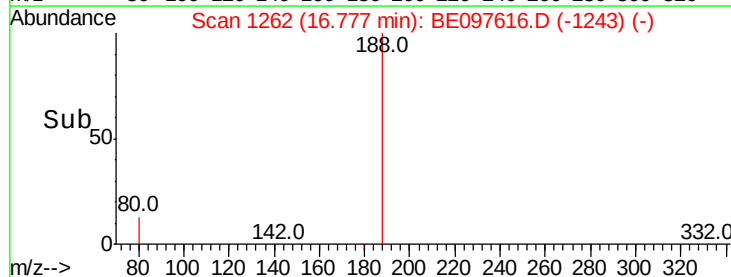
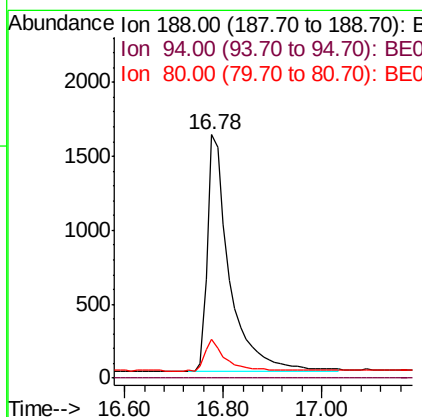
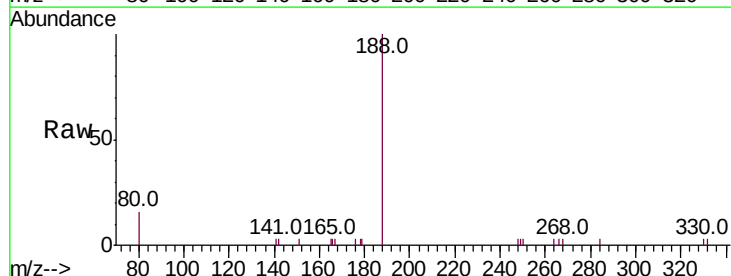
Instrument :
BNA_E
ClientSampled :

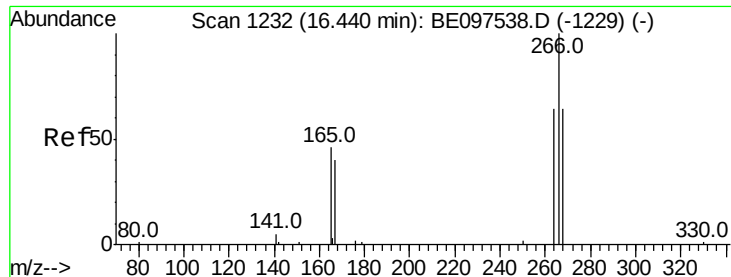
Tot Ion:172 Resp: 3062
Ion Ratio Lower Upper
172 100
171 39.1 29.9 44.9
170 28.4 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.78 min Scan# 1262
Delta R.T. 0.02 min
Lab File: BE097616.D
Acq: 21 Sep 2018 17:53

Tgt Ion:188 Resp: 5024
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 16.2 3.6 5.4#





#22

Pentachlorophenol

Concen: 0.132 ng

RT: 16.49 min Scan# 1237

Delta R.T. 0.05 min

Lab File: BE097616.D

Acq: 21 Sep 2018 17:53

Instrument :

BNA_E

ClientSampleId :

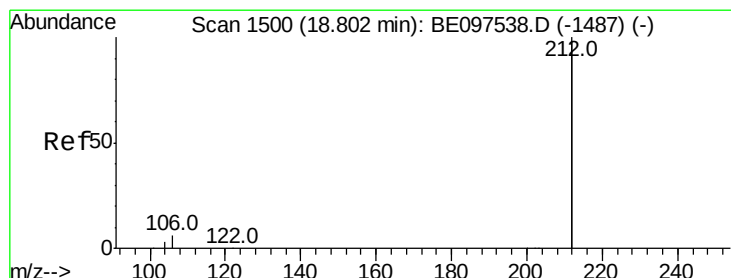
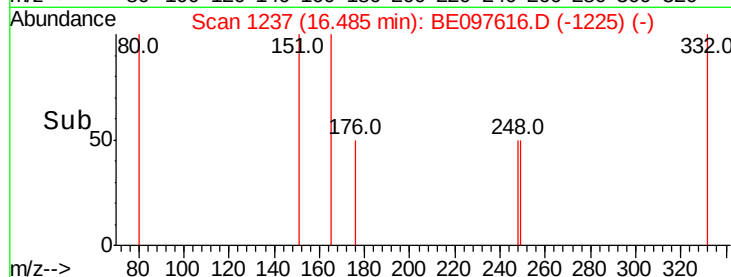
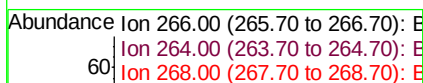
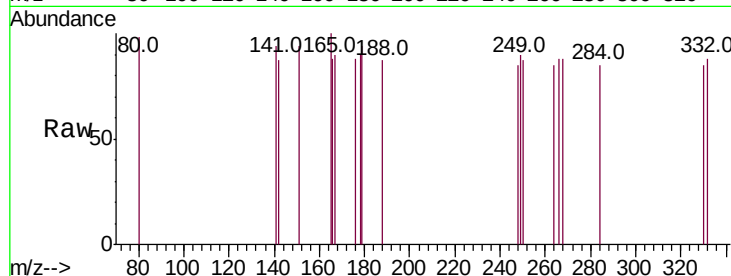
Tot Ion:266 Resp: 3

Ion Ratio Lower Upper

266 100

264 95.7 72.5 108.7

268 100.0 73.8 110.6



#25

Fluoranthene-d10

Concen: 0.403 ng

RT: 18.82 min Scan# 1504

Delta R.T. 0.01 min

Lab File: BE097616.D

Acq: 21 Sep 2018 17:53

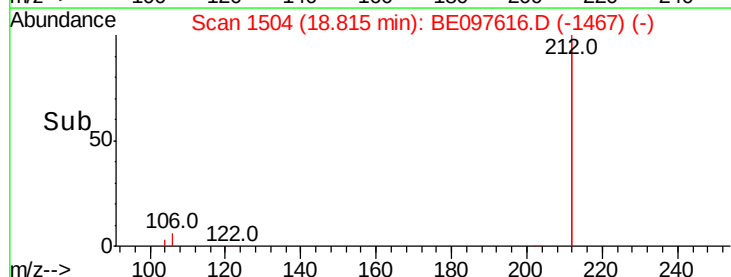
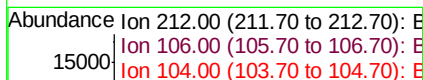
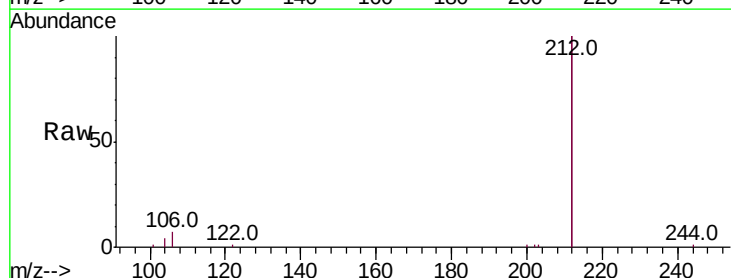
Tgt Ion:212 Resp: 25919

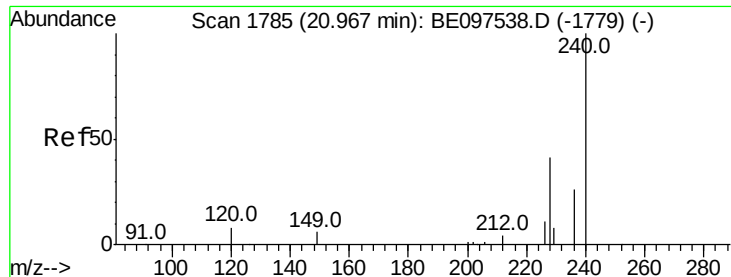
Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

104 1.8 1.6 2.4

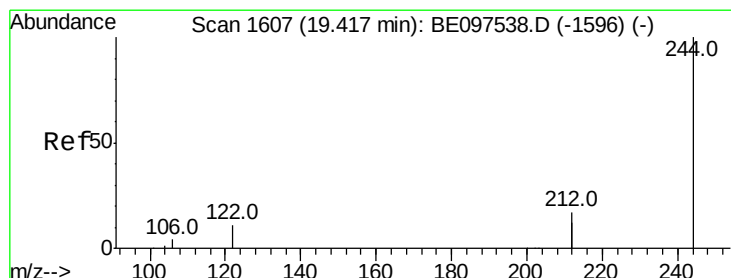
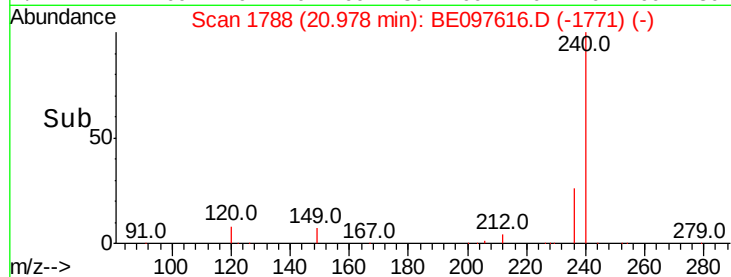
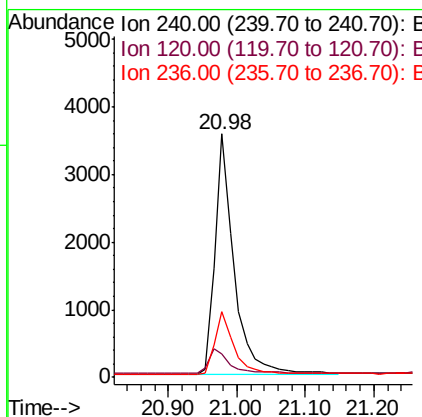
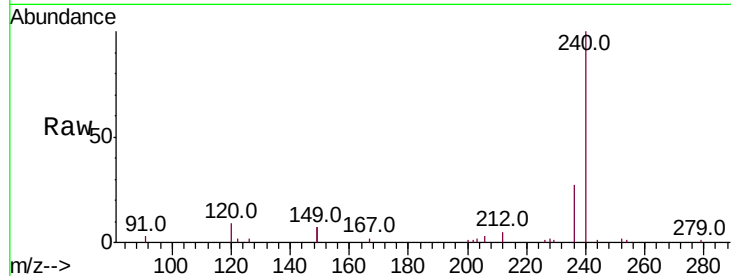




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 20.98 min Scan# 1788
 Delta R.T. 0.01 min
 Lab File: BE097616.D
 Acq: 21 Sep 2018 17:53

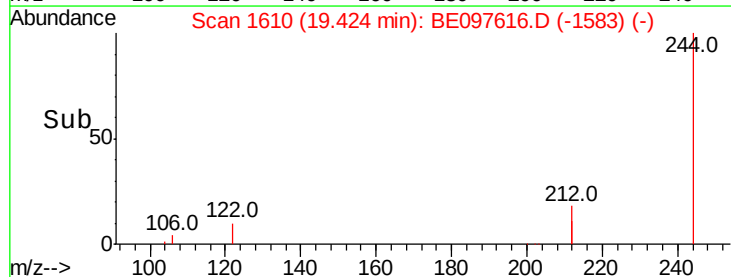
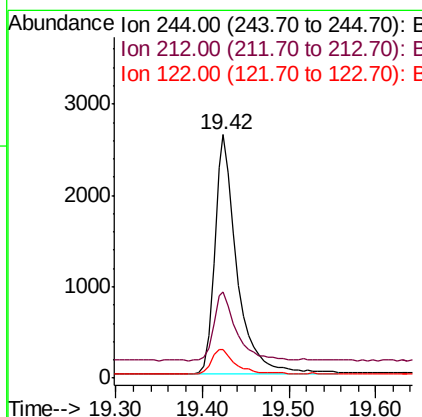
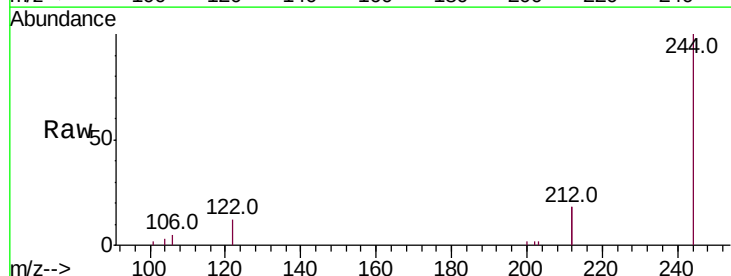
Instrument :
 BNA_E
 ClientSampled :

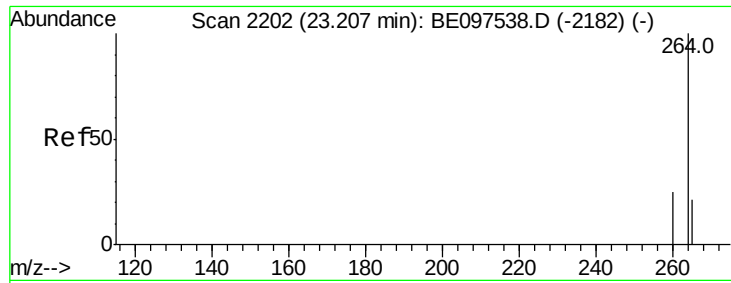
Tot Ion:240 Resp: 6886
 Ion Ratio Lower Upper
 240 100
 120 9.4 5.5 8.3#
 236 26.9 20.7 31.1



#29
 Terphenyl-d14
 Concen: 0.376 ng
 RT: 19.42 min Scan# 1610
 Delta R.T. 0.01 min
 Lab File: BE097616.D
 Acq: 21 Sep 2018 17:53

Tgt Ion:244 Resp: 4733
 Ion Ratio Lower Upper
 244 100
 212 35.4 25.4 38.0
 122 11.7 8.1 12.1

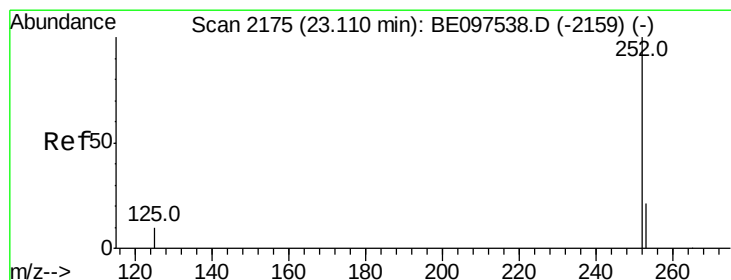
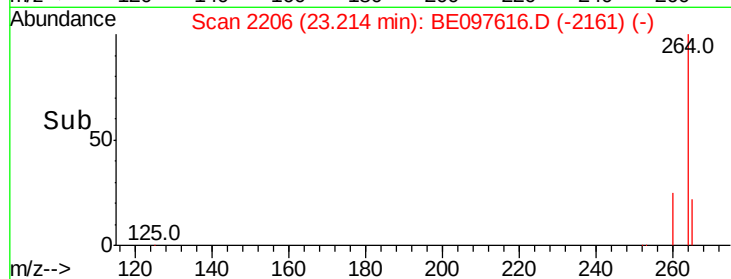
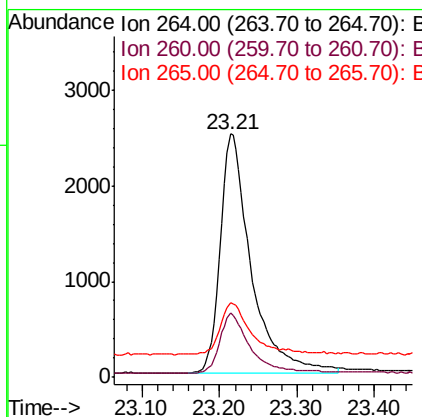
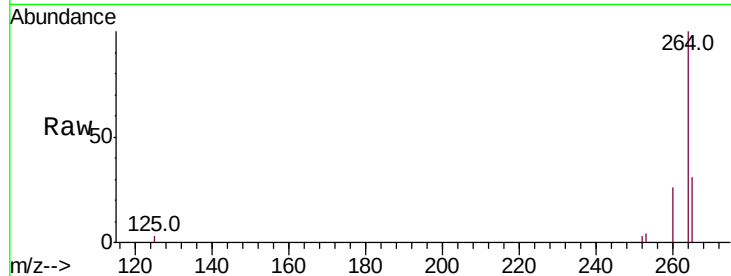




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BE097616.D
Acq: 21 Sep 2018 17:53

Instrument :
BNA_E
ClientSampleId :

Tot Ion:264 Resp: 6888
Ion Ratio Lower Upper
264 100
260 26.3 20.5 30.7
265 30.9 22.8 34.2



#37
Benzo(a)pyrene
Concen: 0.021 ng
RT: 23.12 min Scan# 2180
Delta R.T. 0.01 min
Lab File: BE097616.D
Acq: 21 Sep 2018 17:53

Tgt Ion:252 Resp: 1
Ion Ratio Lower Upper
252 100
253 129.7 16.0 24.0#
125 128.4 12.0 18.0#

