

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092118\
 Data File : BE097633.D
 Acq On : 22 Sep 2018 5:01
 Operator : SJ/JU
 Sample : J4980-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 22 05:52:35 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	625	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	2954	0.40	ng	0.01
13) Acenaphthene-d10	14.01	164	2013	0.40	ng	0.01
19) Phenanthrene-d10	16.77	188	6824	0.40	ng	0.01
27) Chrysene-d12	20.97	240	8574	0.40	ng	0.00
34) Perylene-d12	23.21	264	8268	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.06	112	305	0.16	ng	0.01
5) Phenol-d6	6.57	99	4	0.00	ng	-0.04
8) Nitrobenzene-d5	8.58	82	625	0.27	ng	0.05
11) 2-Methylnaphthalene-d10	11.74	152	1841	0.45	ng	0.03
14) 2,4,6-Tribromophenol	15.53	330	357	0.46	ng	0.01
15) 2-Fluorobiphenyl	12.63	172	3060	0.43	ng	0.01
25) Fluoranthene-d10	18.80	212	36198	0.41	ng	0.00
29) Terphenyl-d14	19.41	244	10762	0.69	ng	0.00

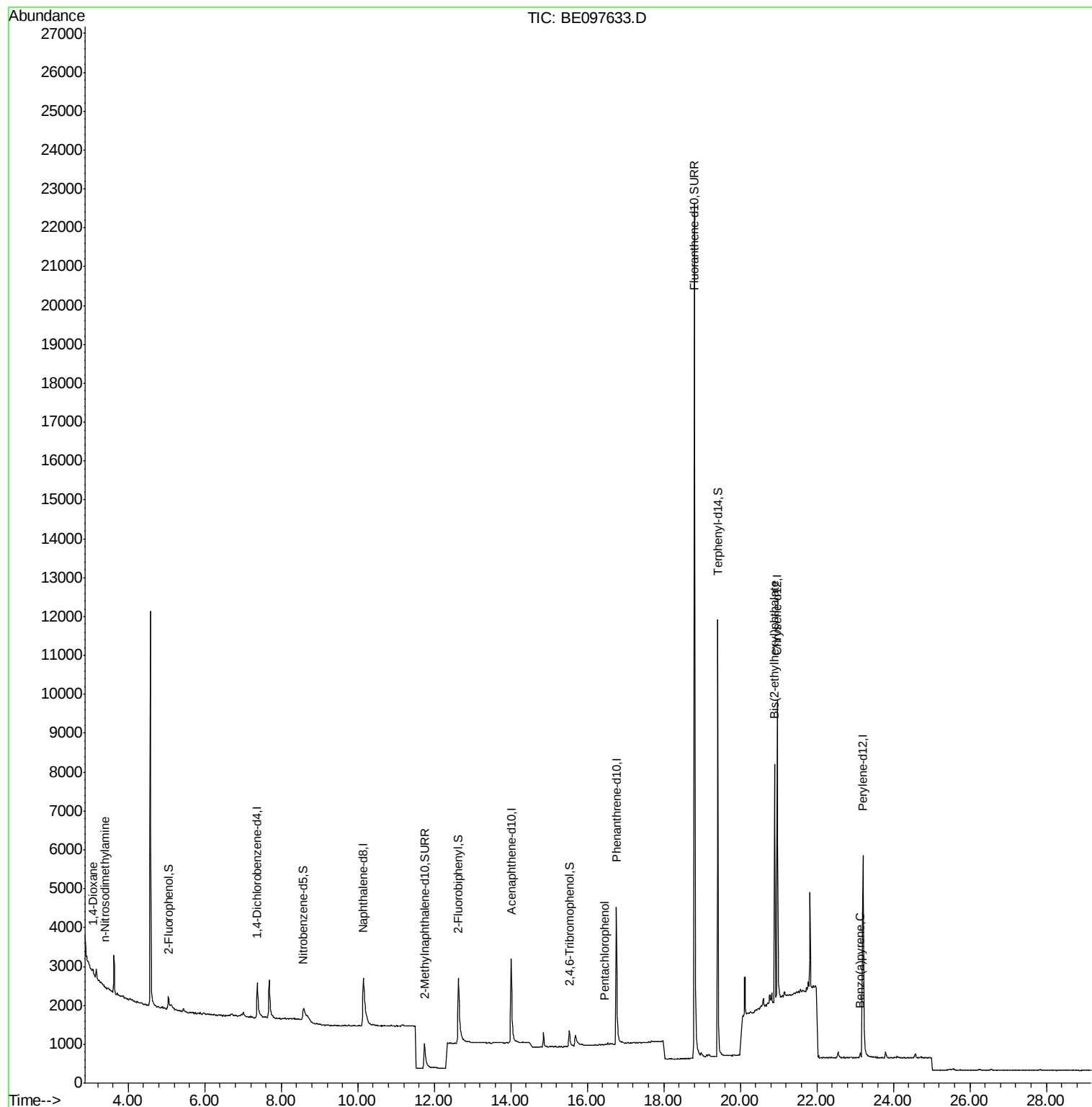
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.08	88	113	0.072	ng	# 67
3) n-Nitrosodimethylamine	3.40	42	8	0.025	ng	# 18
22) Pentachlorophenol	16.45	266	9	0.136	ng	93
32) Bis(2-ethylhexyl)phthalate	20.89	149	8045	0.232	ng	99
37) Benzo(a)pyrene	23.13	252	27	0.022	ng	# 1

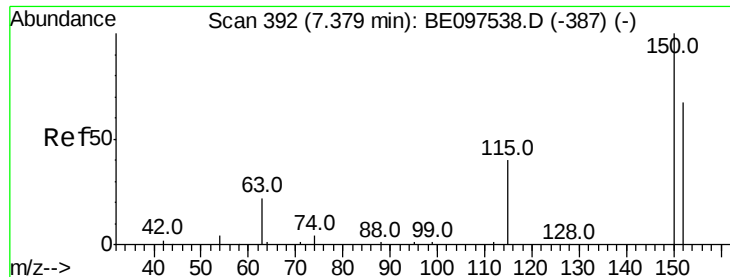
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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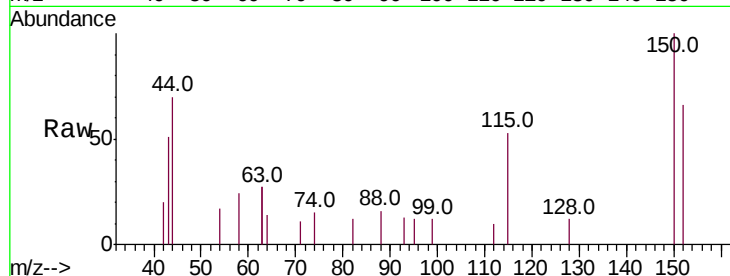


#1

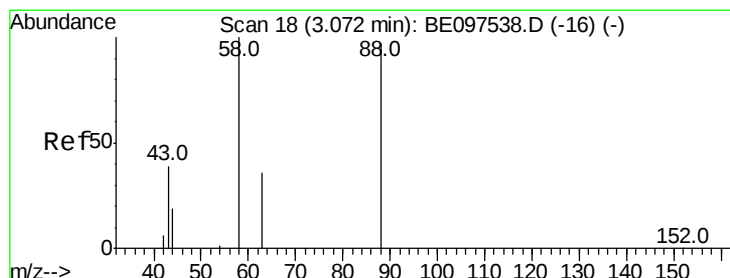
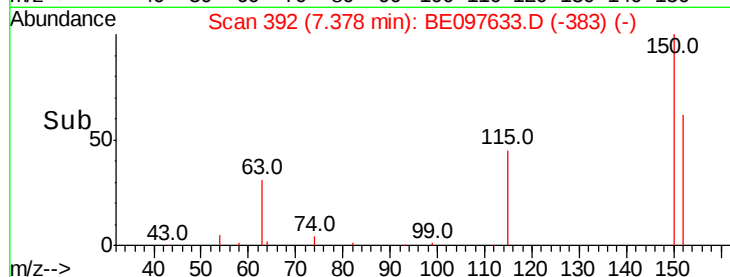
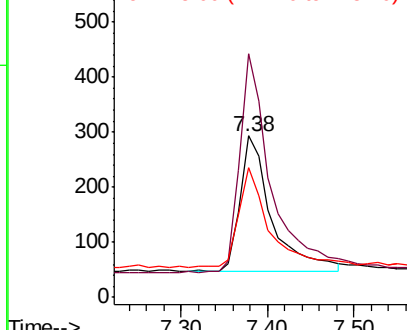
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097633.D
Acq: 22 Sep 2018 5:01

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 625
Ion Ratio Lower Upper
152 100
150 150.9 117.2 175.8
115 80.5 57.0 85.6



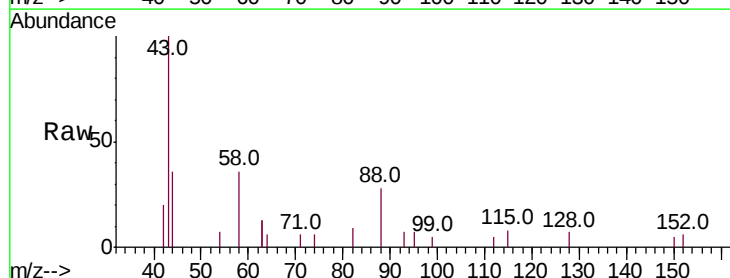
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



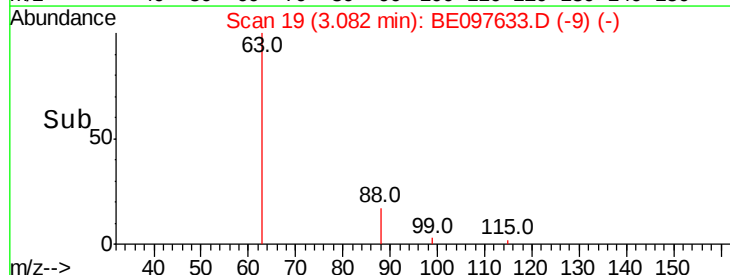
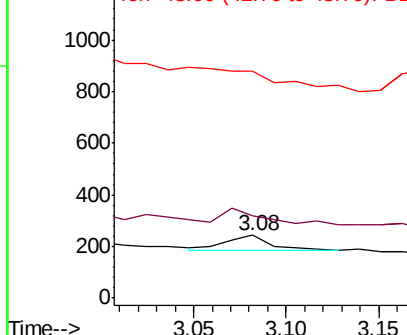
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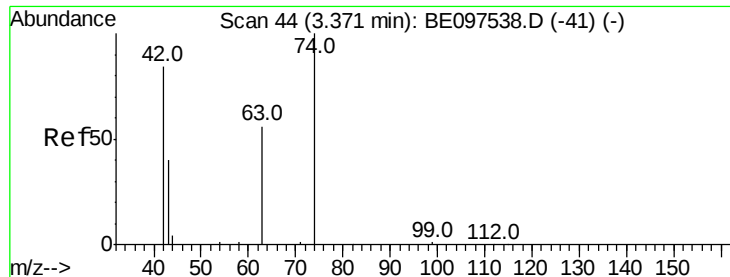
1,4-Dioxane
Concen: 0.072 ng
RT: 3.08 min Scan# 19
Delta R.T. 0.01 min
Lab File: BE097633.D
Acq: 22 Sep 2018 5:01

Tgt Ion: 88 Resp: 113
Ion Ratio Lower Upper
88 100
58 84.1 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: 0.025 ng

RT: 3.40 min Scan# 47

Delta R.T. 0.03 min

Lab File: BE097633.D

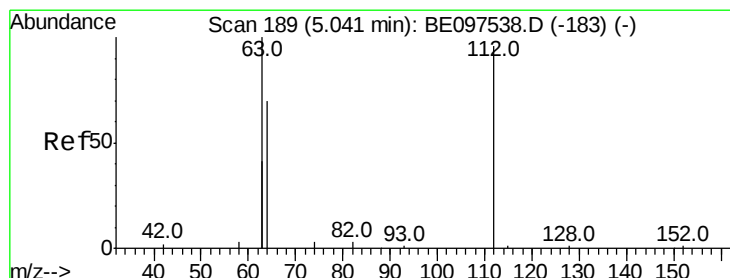
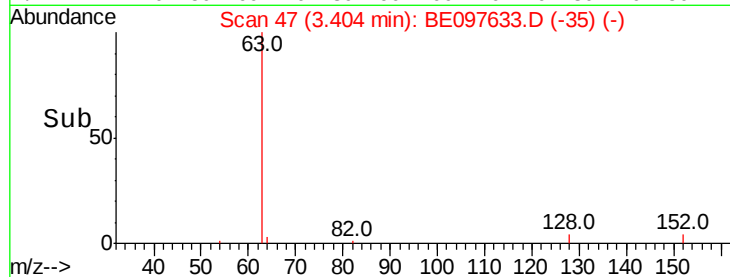
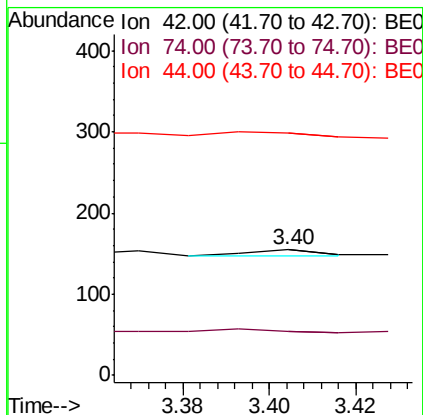
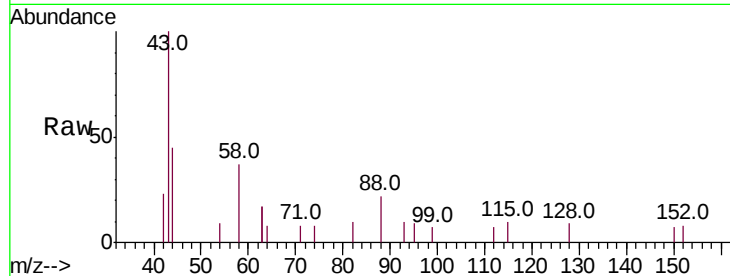
Acq: 22 Sep 2018 5:01

Instrument :

BNA_E

ClientSampleId :

Tot Ion:	42	Resp:	8
Ion	Ratio	Lower	Upper
42	100		
74	62.5	96.0	144.0#
44	150.0	12.0	18.0#



#4

2-Fluorophenol

Concen: 0.163 ng

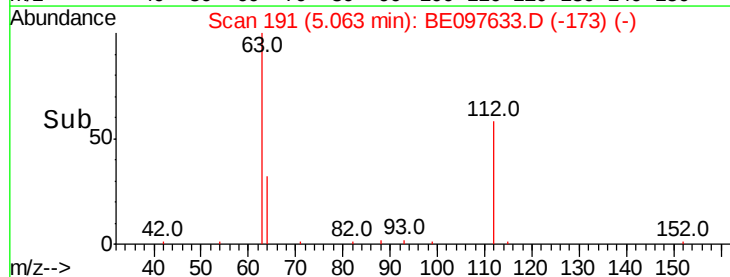
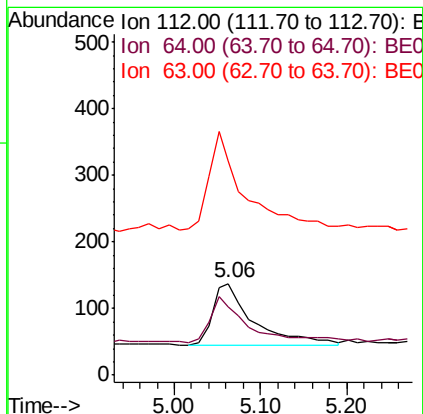
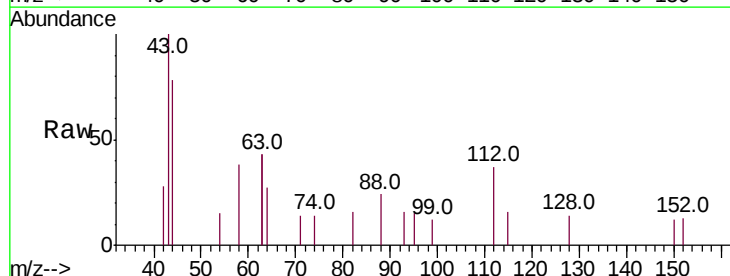
RT: 5.06 min Scan# 191

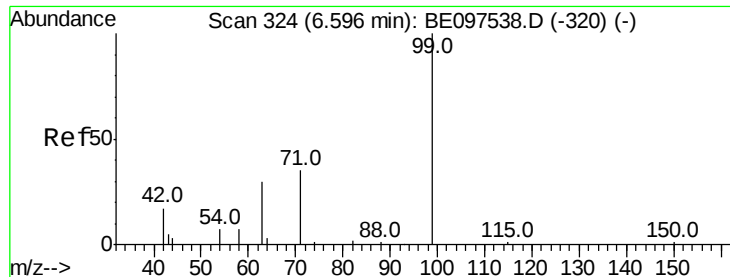
Delta R.T. 0.01 min

Lab File: BE097633.D

Acq: 22 Sep 2018 5:01

Tgt Ion:	112	Resp:	305
Ion	Ratio	Lower	Upper
112	100		
64	66.2	60.1	90.1
63	140.3	116.8	175.2





#5

Phenol-d6

Concen: 0.002 ng

RT: 6.57 min Scan# 322

Delta R.T. -0.04 min

Lab File: BE097633.D

Acq: 22 Sep 2018 5:01

Instrument :

BNA_E

ClientSampleId :

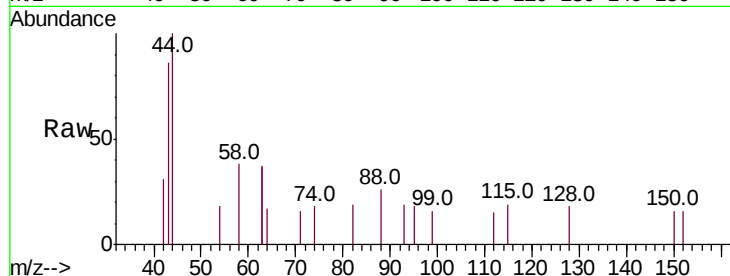
Tot Ion: 99 Resp: 4

Ion Ratio Lower Upper

99 100

42 0.0 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

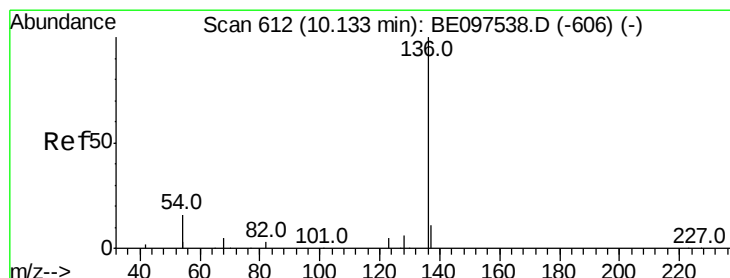
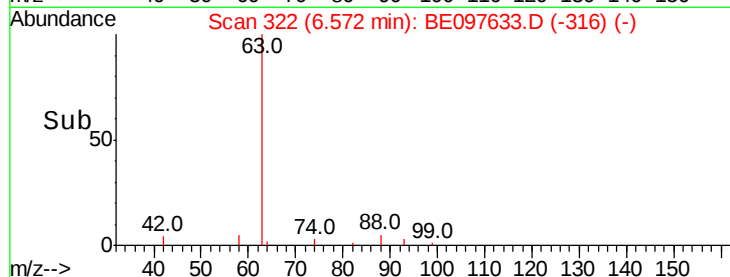
40

20

0

6.54 6.56 6.58 6.60 6.62

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. 0.01 min

Lab File: BE097633.D

Acq: 22 Sep 2018 5:01

Tgt Ion: 136 Resp: 2954

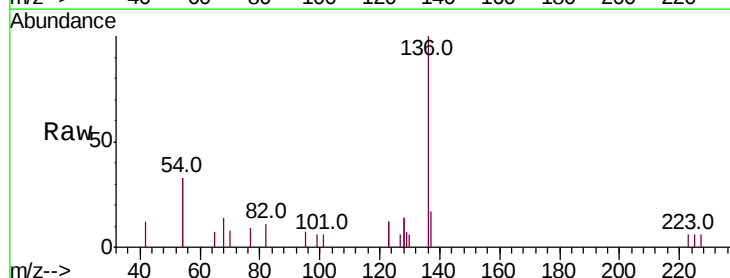
Ion Ratio Lower Upper

136 100

137 17.0 9.5 14.3#

54 65.8 29.1 43.7#

68 14.4 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

1200

1000

800

600

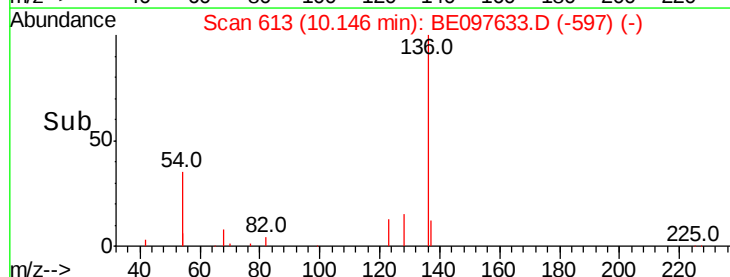
400

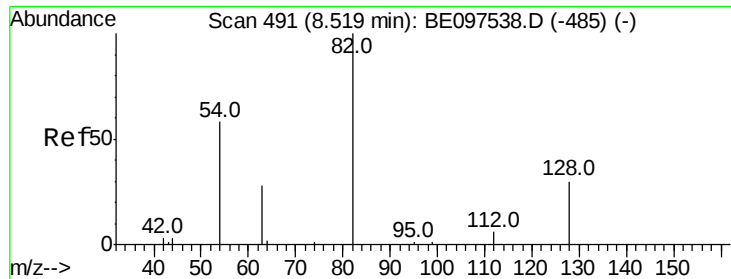
200

0

10.00 10.10 10.20 10.30

Time-->





#8

Nitrobenzene-d5

Concen: 0.274 ng

RT: 8.58 min Scan# 496

Delta R.T. 0.05 min

Lab File: BE097633.D

Acq: 22 Sep 2018 5:01

Instrument :

BNA_E

ClientSampleId :

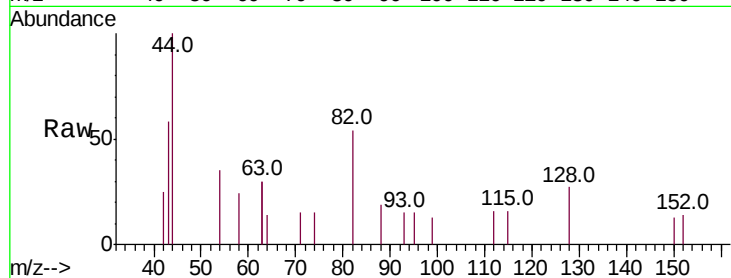
Tot Ion: 82 Resp: 625

Ion Ratio Lower Upper

82 100

128 49.7 24.0 36.0#

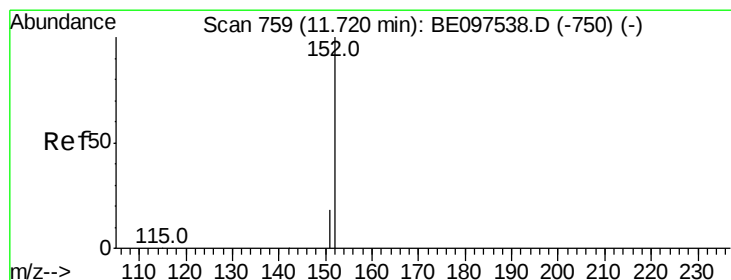
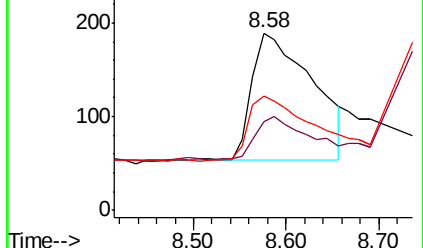
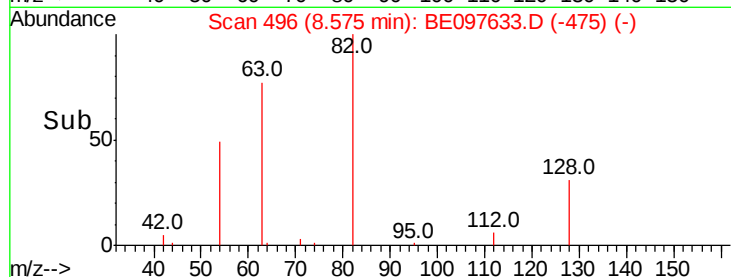
54 64.6 40.0 60.0#



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: 0.452 ng

RT: 11.74 min Scan# 764

Delta R.T. 0.03 min

Lab File: BE097633.D

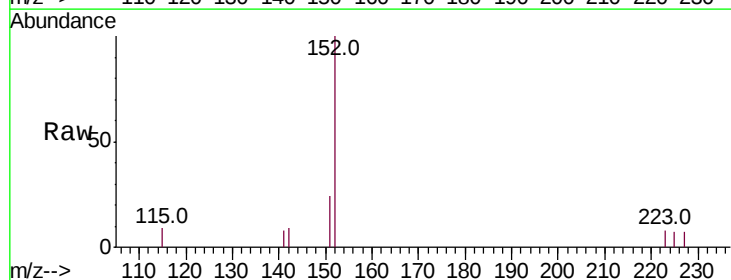
Acq: 22 Sep 2018 5:01

Tgt Ion: 152 Resp: 1841

Ion Ratio Lower Upper

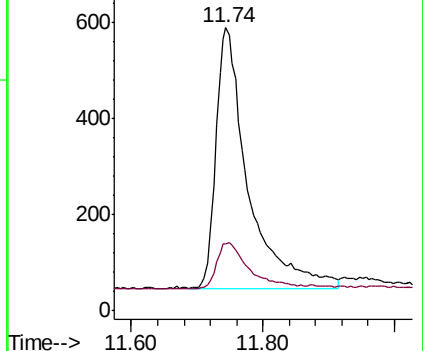
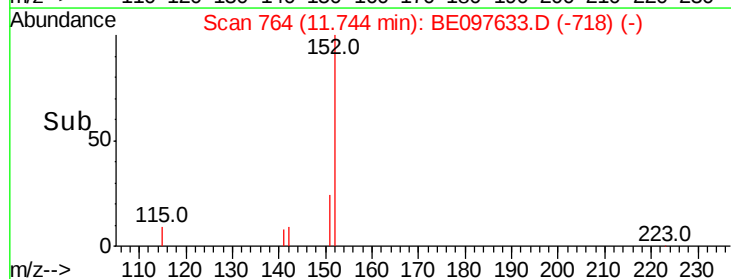
152 100

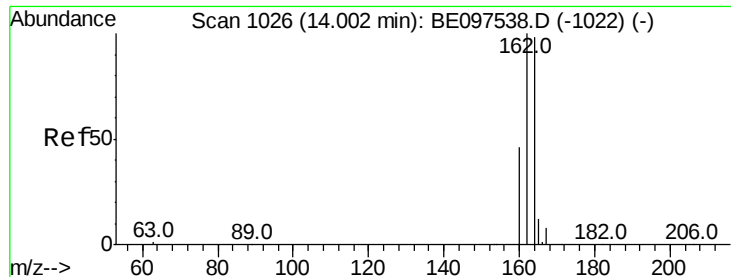
151 18.7 15.4 23.0



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: 14.01 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BE097633.D

Acq: 22 Sep 2018 5:01

Instrument :

BNA_E

ClientSampled :

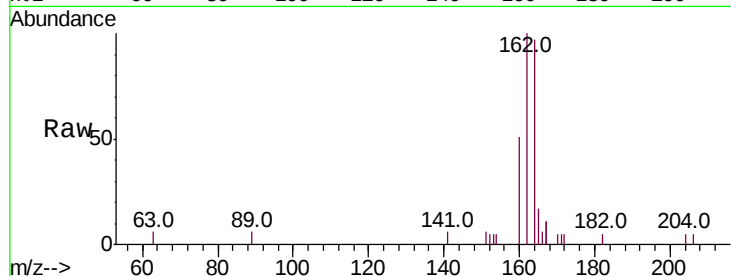
Tot Ion:164 Resp: 2013

Ion Ratio Lower Upper

164 100

162 103.1 83.1 124.7

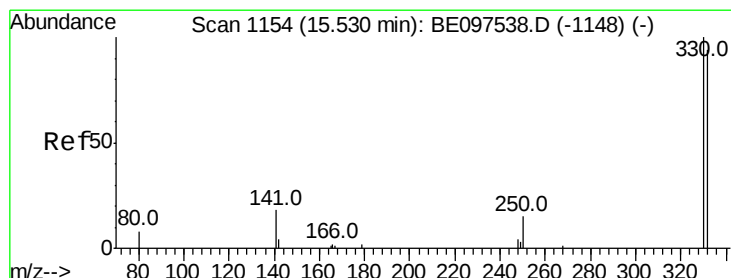
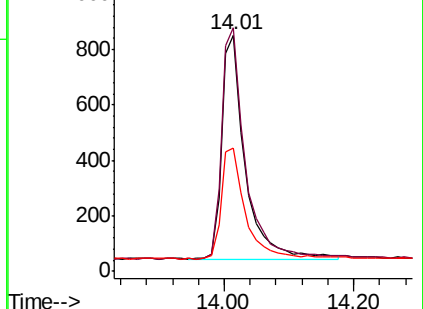
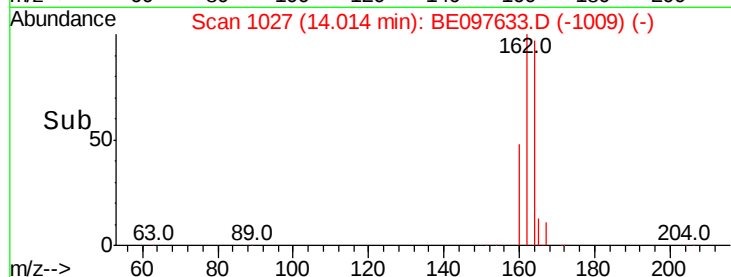
160 52.4 37.1 55.7



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: 0.456 ng

RT: 15.53 min Scan# 1154

Delta R.T. 0.01 min

Lab File: BE097633.D

Acq: 22 Sep 2018 5:01

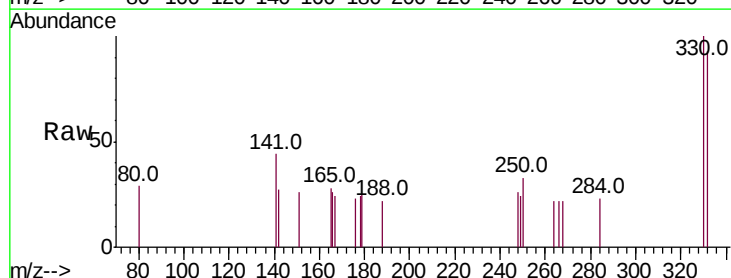
Tgt Ion:330 Resp: 357

Ion Ratio Lower Upper

330 100

332 92.2 152.7 229.1#

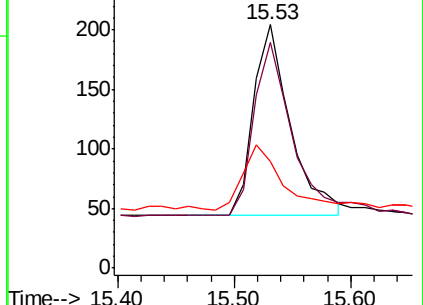
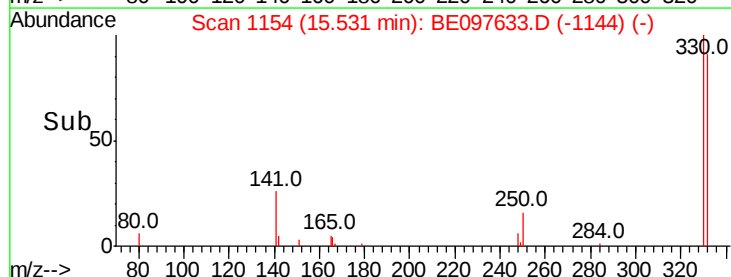
141 36.1 33.7 50.5

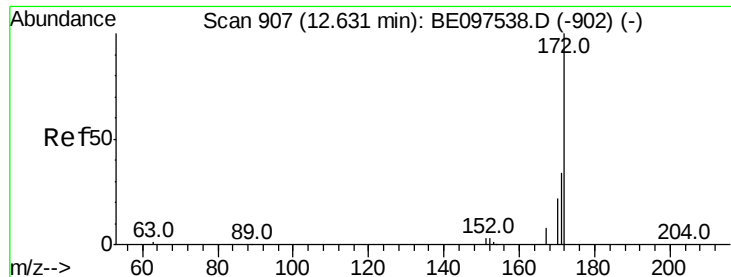


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

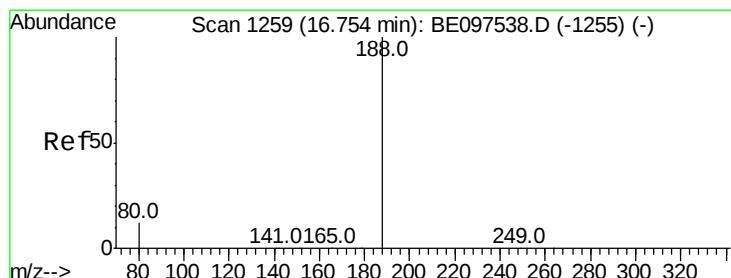
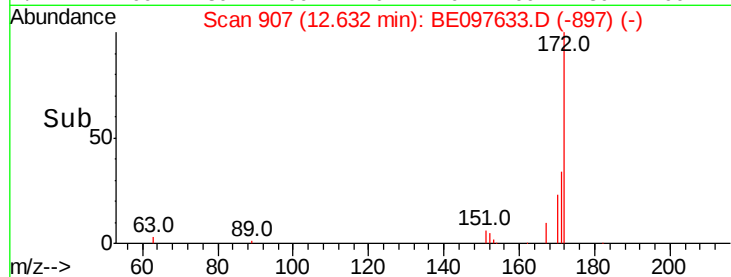
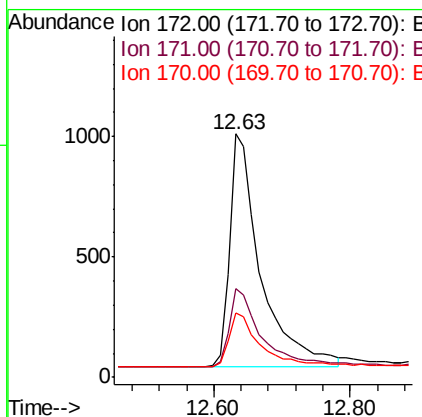
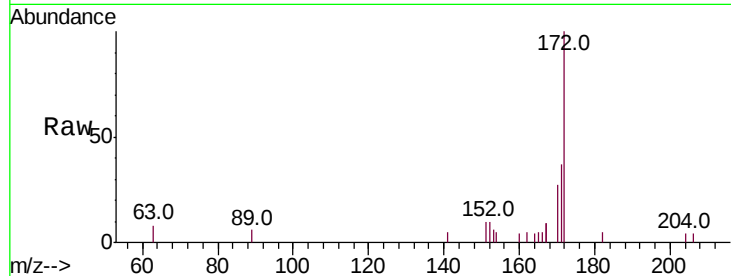




#15
2-Fluorobiphenyl
Concen: 0.430 ng
RT: 12.63 min Scan# 907
Delta R.T. 0.01 min
Lab File: BE097633.D
Acq: 22 Sep 2018 5:01

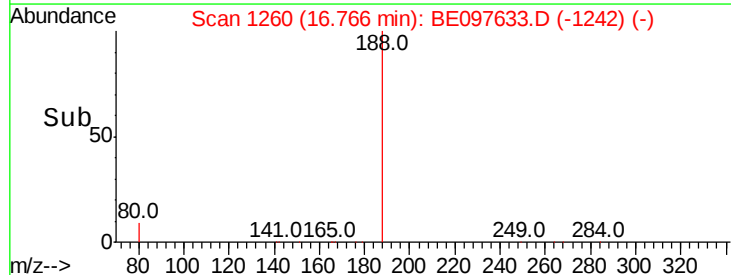
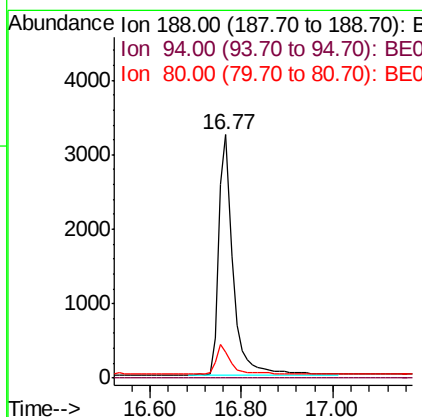
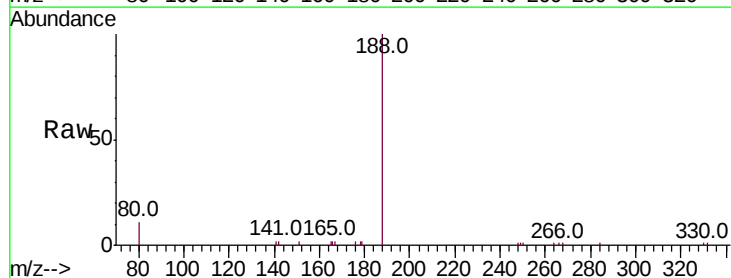
Instrument :
BNA_E
ClientSampled :

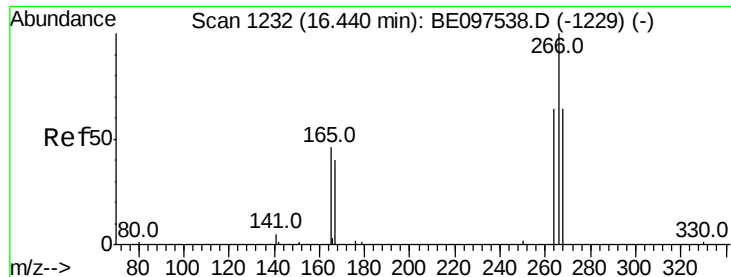
Tot Ion:172 Resp: 3060
Ion Ratio Lower Upper
172 100
171 36.6 29.9 44.9
170 26.6 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1260
Delta R.T. 0.01 min
Lab File: BE097633.D
Acq: 22 Sep 2018 5:01

Tgt Ion:188 Resp: 6824
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 10.7 3.6 5.4#



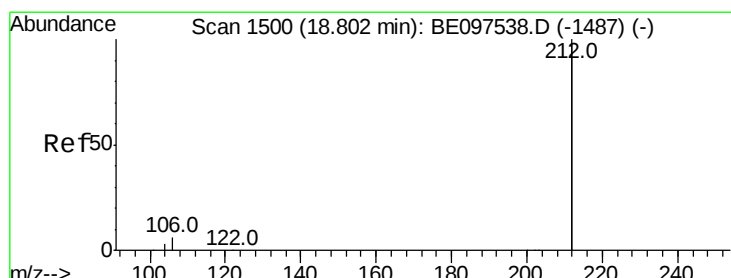
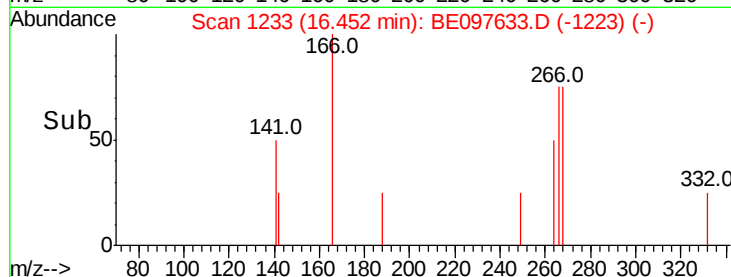
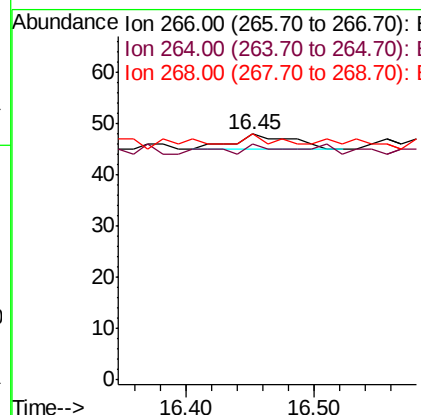
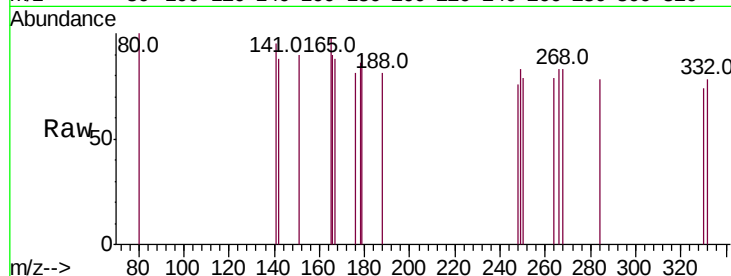


#22
 Pentachlorophenol
 Concen: 0.136 ng
 RT: 16.45 min Scan# 1233
 Delta R.T. 0.01 min
 Lab File: BE097633.D
 Acq: 22 Sep 2018 5:01

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:266 Resp: 9

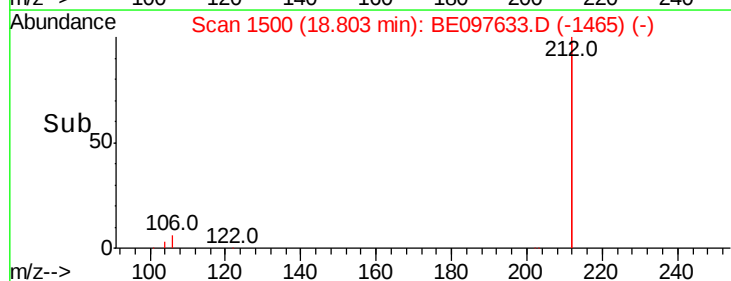
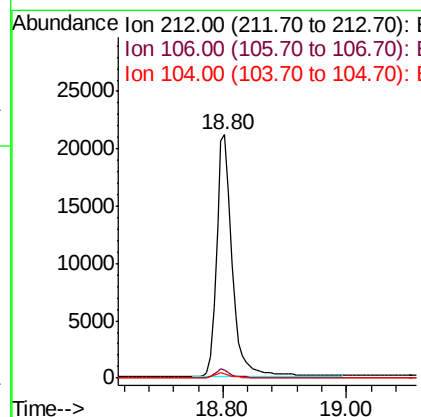
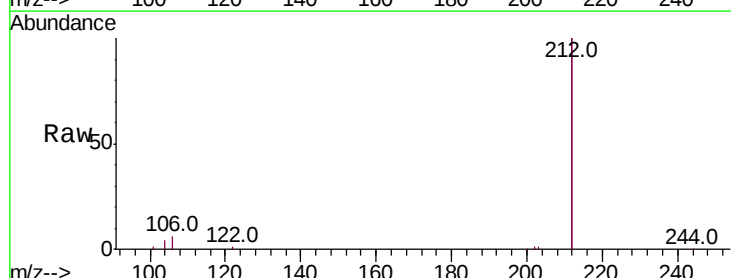
Ion	Ratio	Lower	Upper
266	100		
264	95.8	72.5	108.7
268	100.0	73.8	110.6

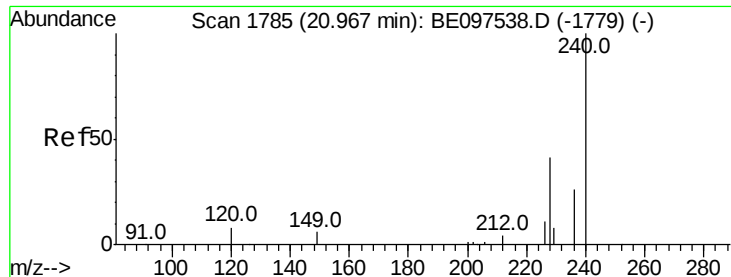


#25
 Fluoranthene-d10
 Concen: 0.414 ng
 RT: 18.80 min Scan# 1500
 Delta R.T. -0.00 min
 Lab File: BE097633.D
 Acq: 22 Sep 2018 5:01

Tgt Ion:212 Resp: 36198

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: 20.97 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BE097633.D

Acq: 22 Sep 2018 5:01

Instrument :

BNA_E

ClientSampleId :

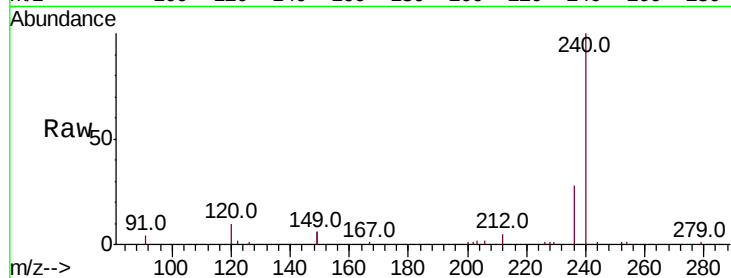
Tot Ion:240 Resp: 8574

Ion Ratio Lower Upper

240 100

120 9.7 5.5 8.3#

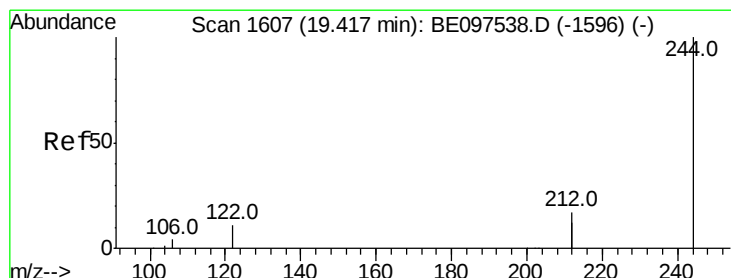
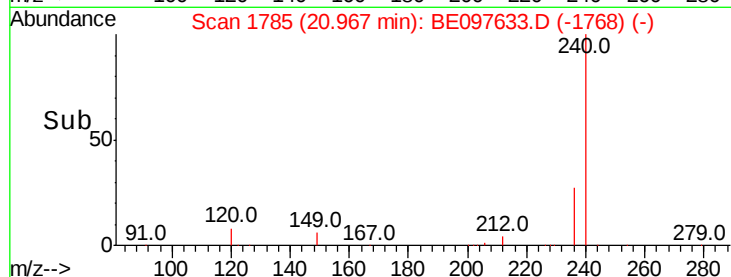
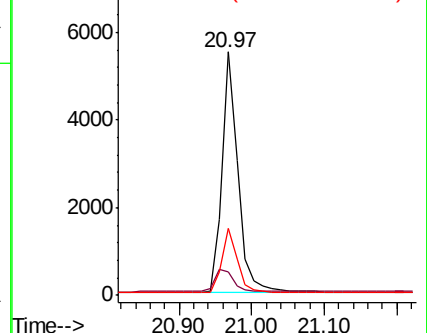
236 27.7 20.7 31.1



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: 0.686 ng

RT: 19.41 min Scan# 1606

Delta R.T. -0.01 min

Lab File: BE097633.D

Acq: 22 Sep 2018 5:01

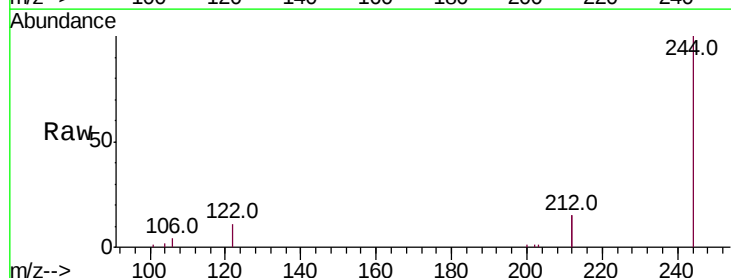
Tgt Ion:244 Resp: 10762

Ion Ratio Lower Upper

244 100

212 31.0 25.4 38.0

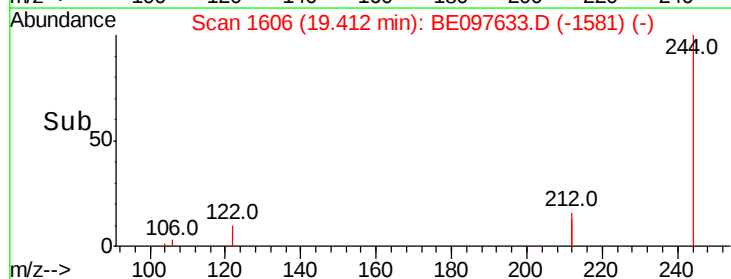
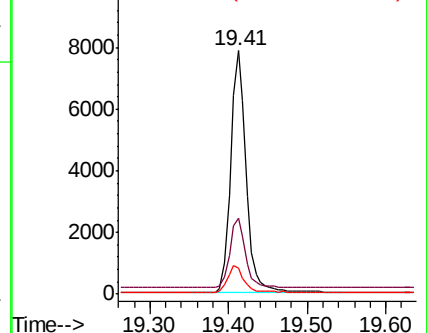
122 10.8 8.1 12.1

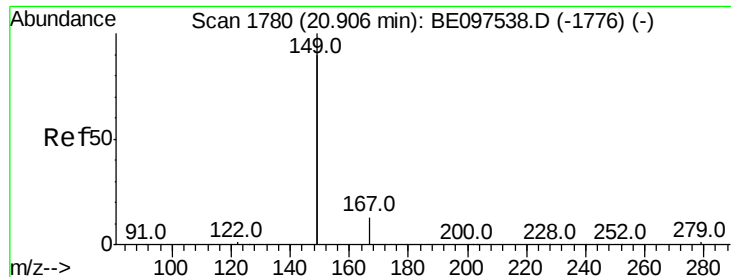


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

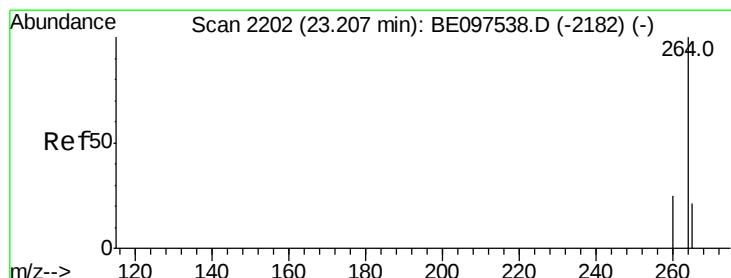
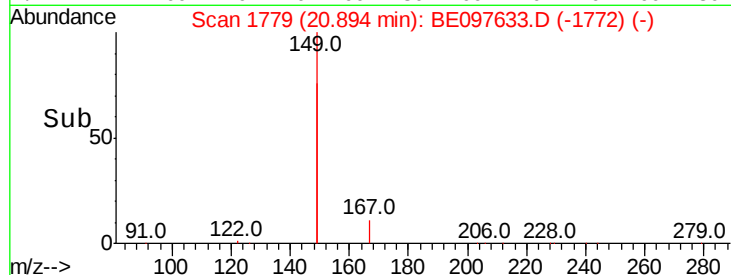
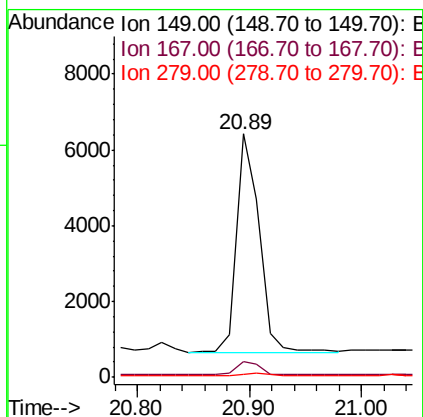
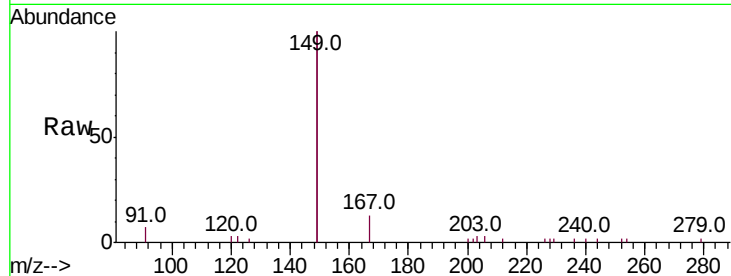




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.232 ng
 RT: 20.89 min Scan# 1779
 Delta R.T. -0.01 min
 Lab File: BE097633.D
 Acq: 22 Sep 2018 5:01

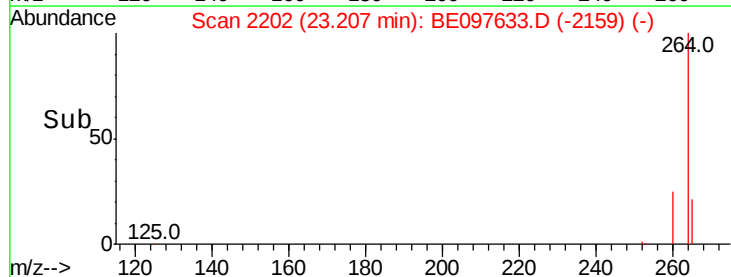
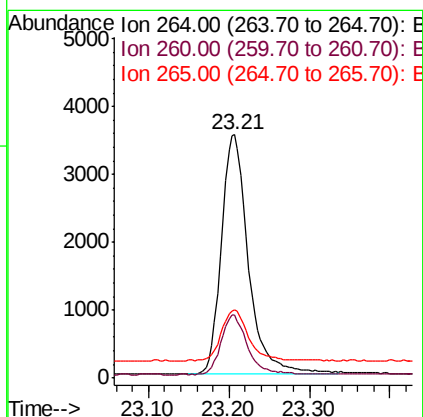
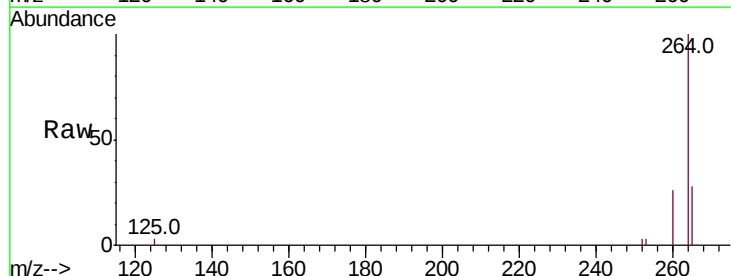
Instrument :
 BNA_E
 ClientSampleId :

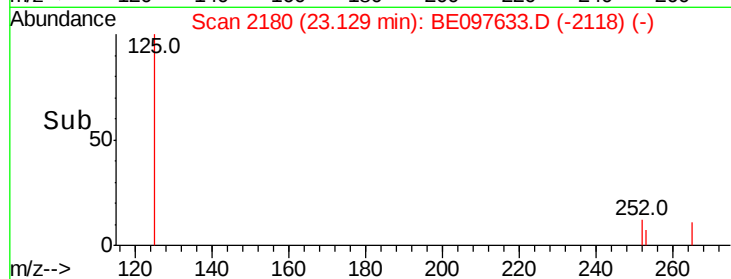
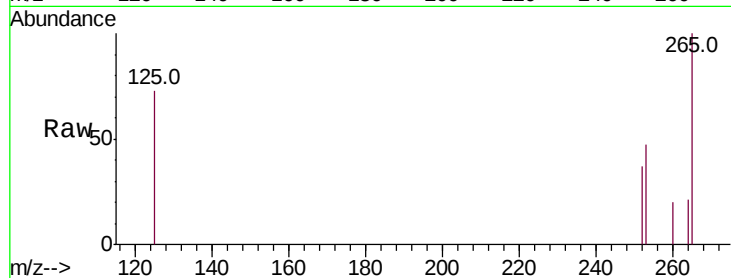
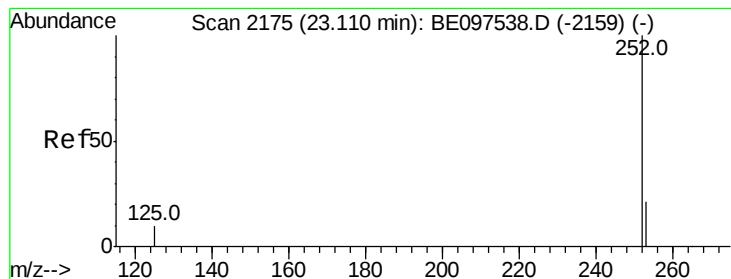
Tot Ion:149 Resp: 8045
 Ion Ratio Lower Upper
 149 100
 167 6.4 5.4 8.0
 279 1.0 0.7 1.1



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2202
 Delta R.T. 0.00 min
 Lab File: BE097633.D
 Acq: 22 Sep 2018 5:01

Tgt Ion:264 Resp: 8268
 Ion Ratio Lower Upper
 264 100
 260 26.1 20.5 30.7
 265 28.2 22.8 34.2





#37

Benzo(a)pyrene

Concen: 0.022 ng

RT: 23.13 min Scan# 2180

Delta R.T. 0.02 min

Lab File: BE097633.D

Acq: 22 Sep 2018 5:01

Instrument :

BNA_E

ClientSampleId :

Tot Ion: 252 Resp: 27

Ion Ratio Lower Upper

252 100

253 127.1 16.0 24.0#

125 196.9 12.0 18.0#

