

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092018\
 Data File : BE097601.D
 Acq On : 21 Sep 2018 8:38
 Operator : SJ/JU
 Sample : J4980-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 21 13:25:25 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

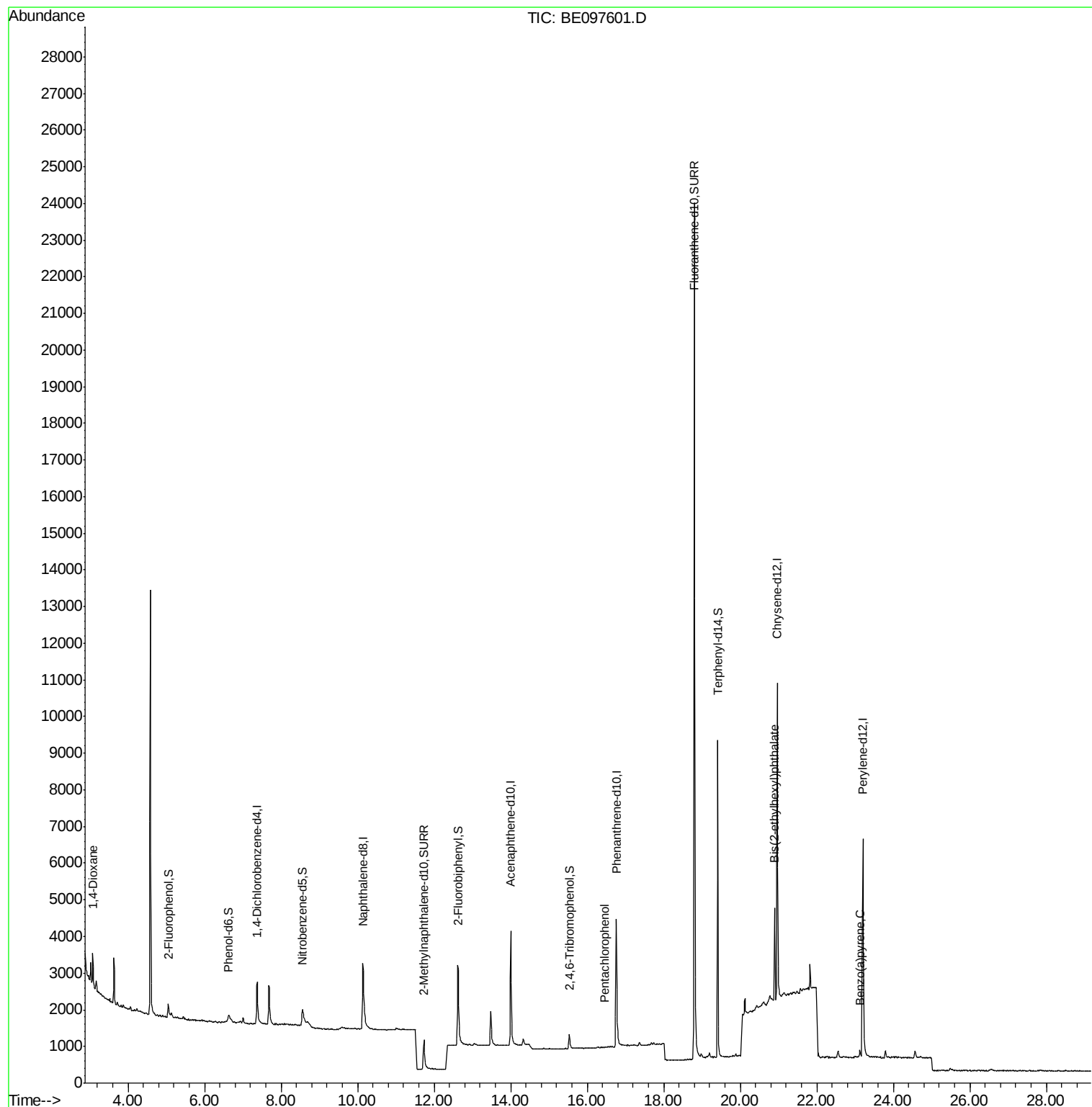
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	766	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	3405	0.40	ng	0.01
13) Acenaphthene-d10	14.00	164	2106	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	6714	0.40	ng	0.01
27) Chrysene-d12	20.97	240	9343	0.40	ng	0.00
34) Perylene-d12	23.20	264	9101	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	322	0.14	ng	0.00
5) Phenol-d6	6.62	99	184	0.06	ng	0.01
8) Nitrobenzene-d5	8.55	82	853	0.32	ng	0.02
11) 2-Methylnaphthalene-d10	11.73	152	1854	0.40	ng	0.01
14) 2,4,6-Tribromophenol	15.53	330	322	0.41	ng	0.01
15) 2-Fluorobiphenyl	12.63	172	3183	0.43	ng	0.01
25) Fluoranthene-d10	18.80	212	35770	0.42	ng	0.00
29) Terphenyl-d14	19.41	244	8178	0.48	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.07	88	544	0.418	ng	98
22) Pentachlorophenol	16.46	266	8	0.135	ng	94
32) Bis(2-ethylhexyl)phthalate	20.89	149	3268	0.093	ng	# 99
37) Benzo(a)pyrene	23.12	252	96	0.025	ng	# 1

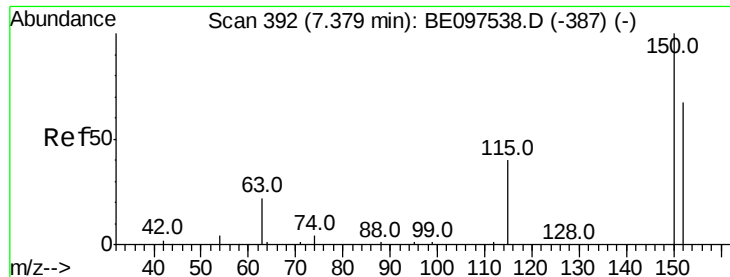
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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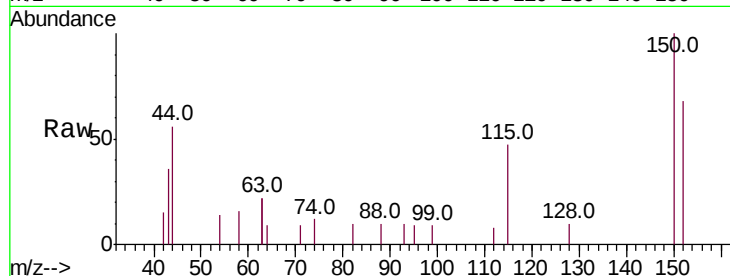


#1

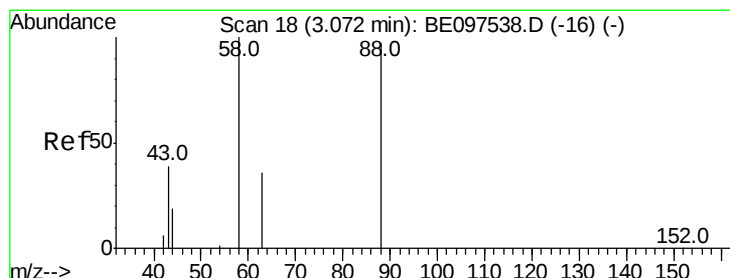
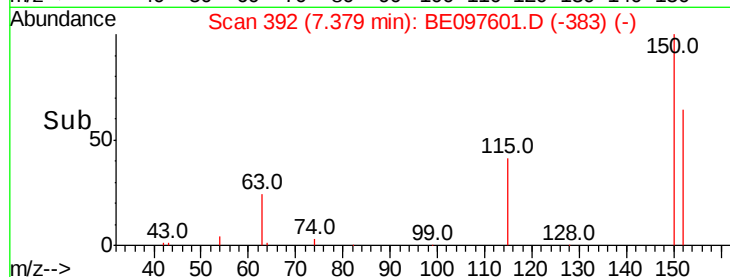
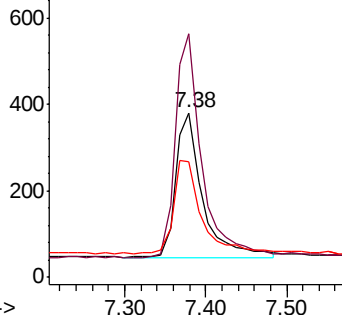
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097601.D
Acq: 21 Sep 2018 8:38

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 766
Ion Ratio Lower Upper
152 100
150 147.8 117.2 175.8
115 69.8 57.0 85.6



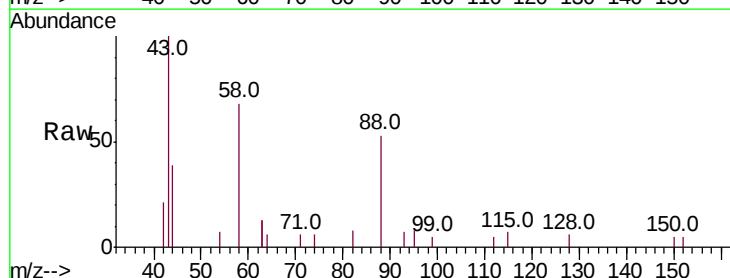
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



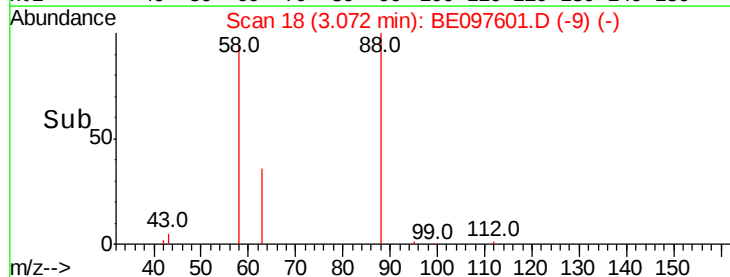
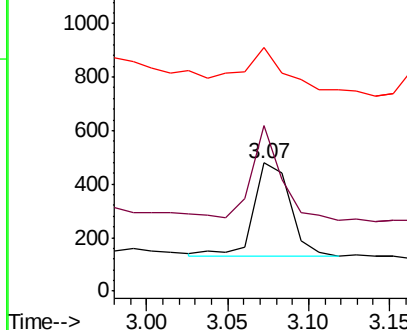
#2

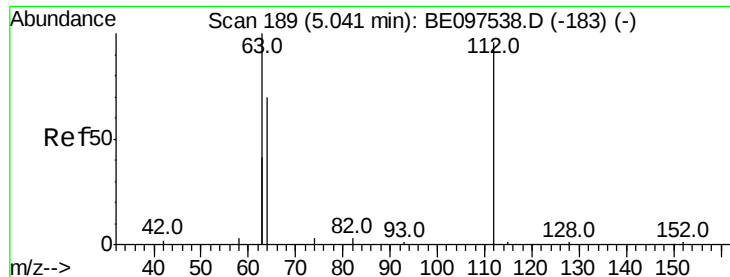
1,4-Dioxane
Concen: 0.418 ng
RT: 3.07 min Scan# 18
Delta R.T. 0.00 min
Lab File: BE097601.D
Acq: 21 Sep 2018 8:38

Tgt Ion: 88 Resp: 544
Ion Ratio Lower Upper
88 100
58 79.8 63.2 94.8
43 53.3 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





#4

2-Fluorophenol

Concen: 0.140 ng

RT: 5.05 min Scan# 190

Delta R.T. 0.00 min

Lab File: BE097601.D

Acq: 21 Sep 2018 8:38

Instrument :

BNA_E

ClientSampled :

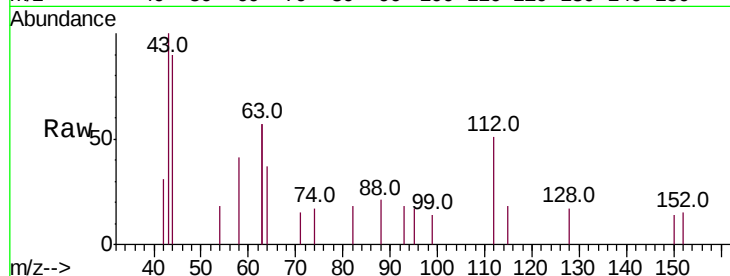
Tot Ion:112 Resp: 322

Ion Ratio Lower Upper

112 100

64 64.9 60.1 90.1

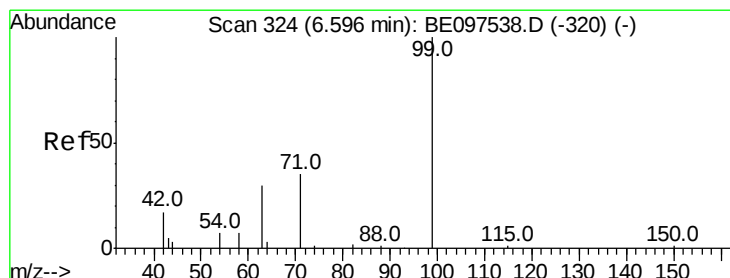
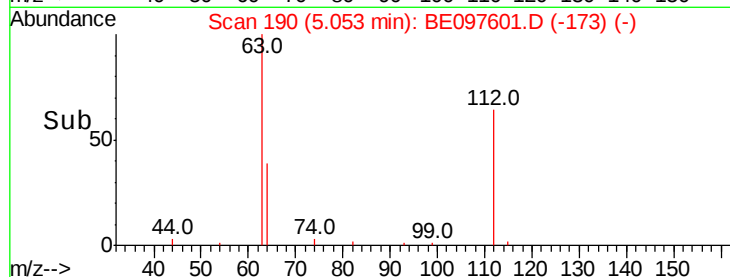
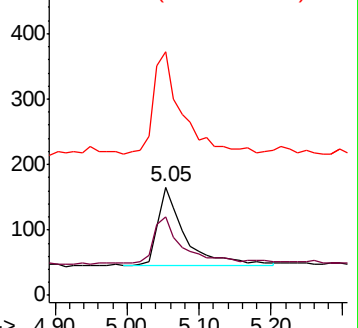
63 134.8 116.8 175.2



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: 0.063 ng

RT: 6.62 min Scan# 326

Delta R.T. 0.01 min

Lab File: BE097601.D

Acq: 21 Sep 2018 8:38

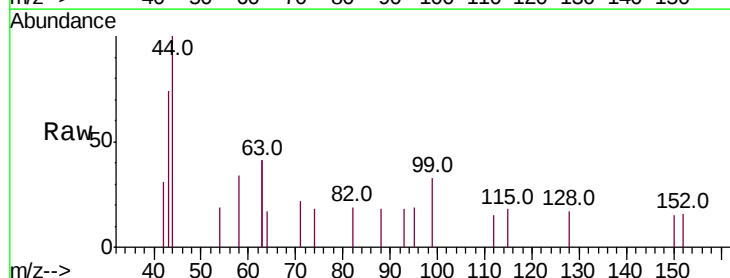
Tgt Ion: 99 Resp: 184

Ion Ratio Lower Upper

99 100

42 17.4 20.2 30.2#

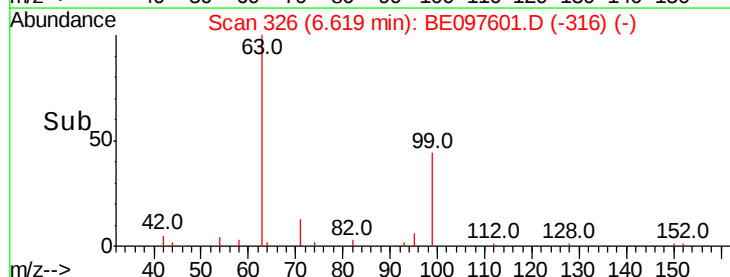
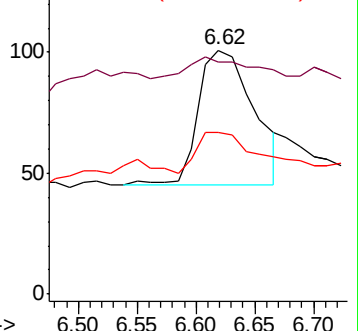
71 29.9 28.4 42.6

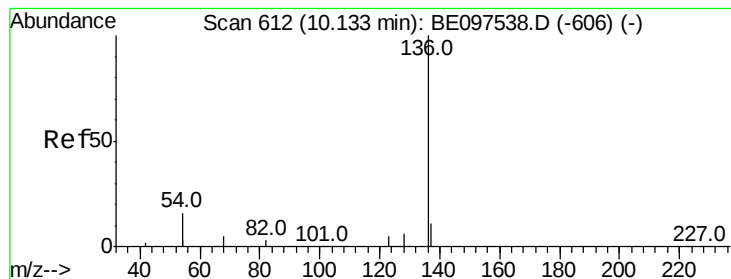


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.15 min Scan# 613

Delta R.T. 0.01 min

Lab File: BE097601.D

Acq: 21 Sep 2018 8:38

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 3405

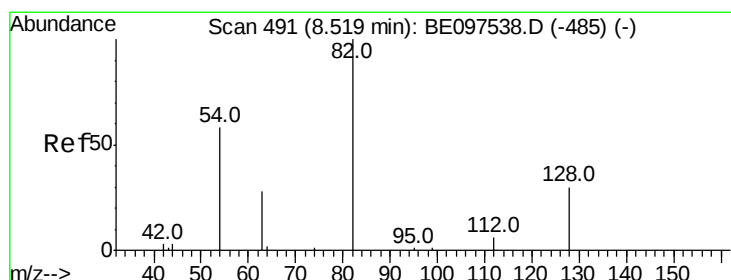
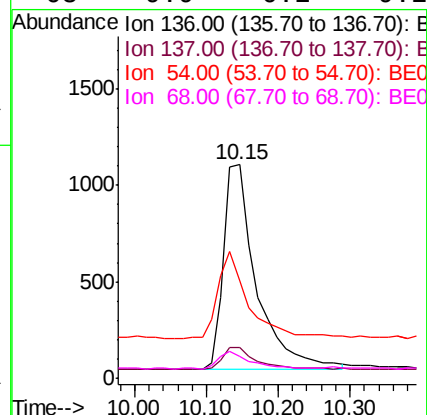
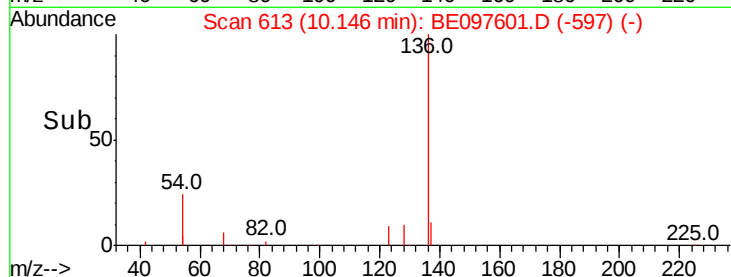
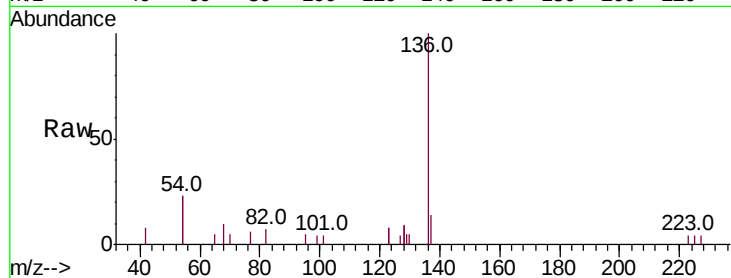
Ion Ratio Lower Upper

136 100

137 14.5 9.5 14.3#

54 45.7 29.1 43.7#

68 9.9 6.2 9.2#



#8

Nitrobenzene-d5

Concen: 0.324 ng

RT: 8.55 min Scan# 494

Delta R.T. 0.02 min

Lab File: BE097601.D

Acq: 21 Sep 2018 8:38

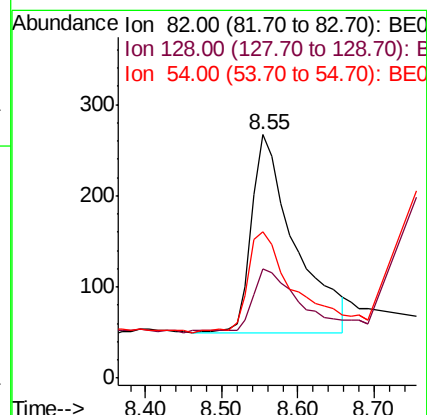
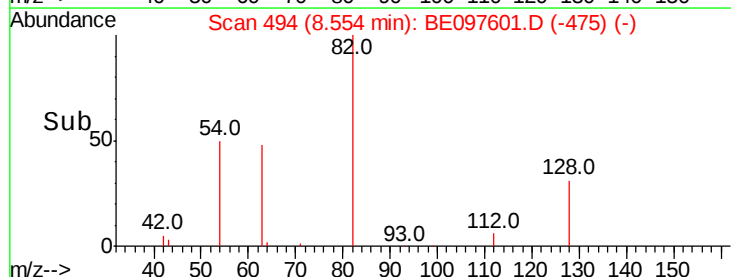
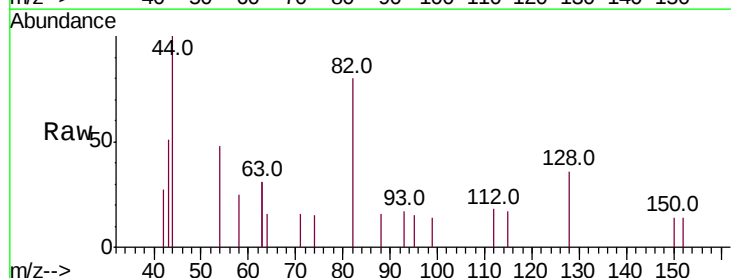
Tgt Ion: 82 Resp: 853

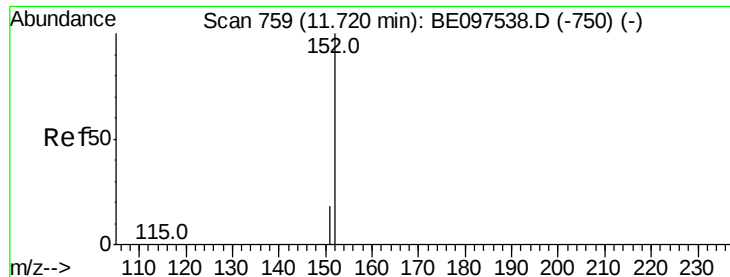
Ion Ratio Lower Upper

82 100

128 44.9 24.0 36.0#

54 59.9 40.0 60.0

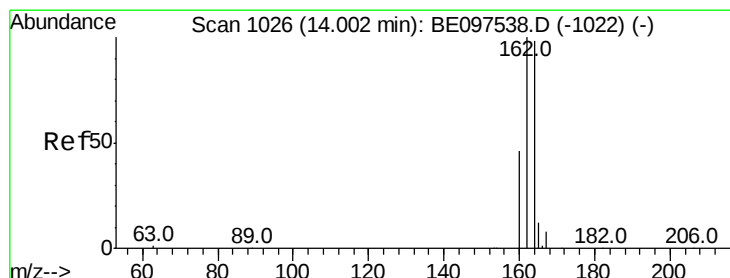
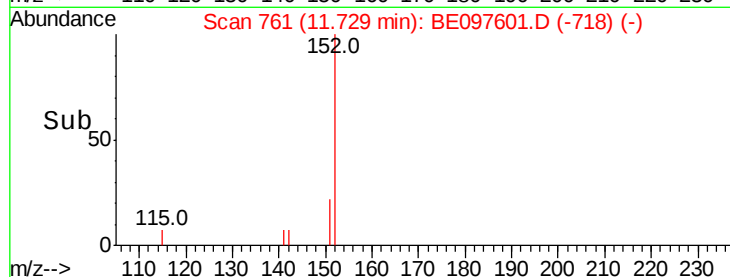
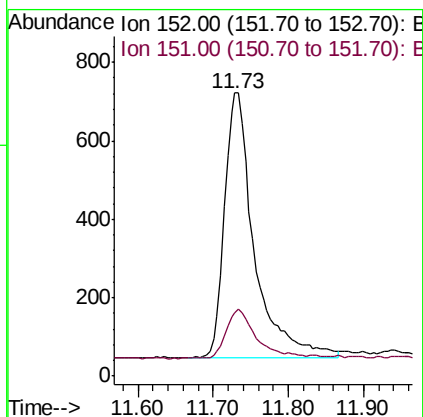
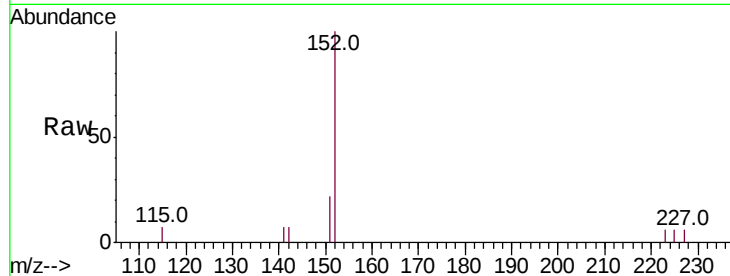




#11
 2-Methylnaphthalene-d10
 Concen: 0.395 ng
 RT: 11.73 min Scan# 761
 Delta R.T. 0.01 min
 Lab File: BE097601.D
 Acq: 21 Sep 2018 8:38

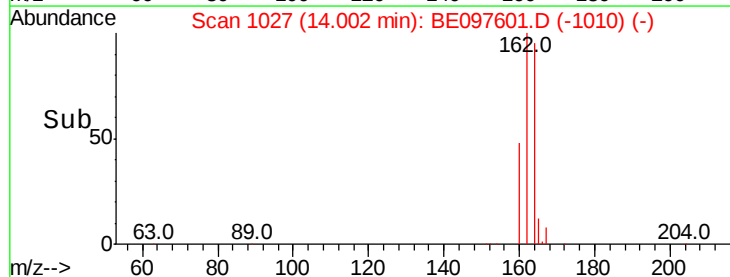
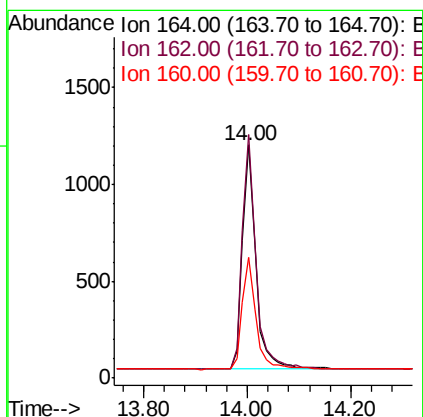
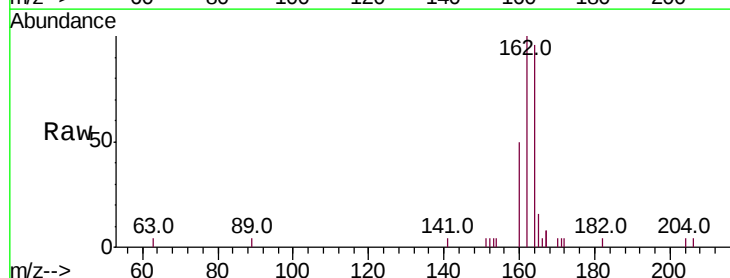
Instrument :
 BNA_E
 ClientSampleId :

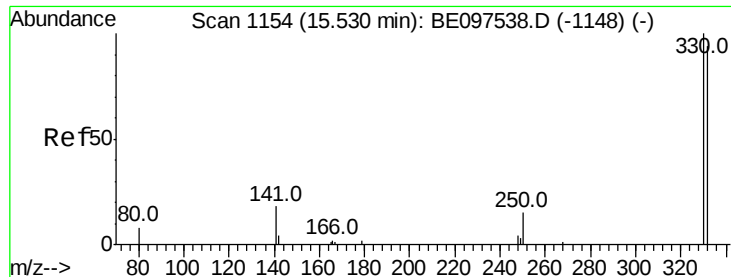
Tot Ion:152 Resp: 1854
 Ion Ratio Lower Upper
 152 100
 151 18.3 15.4 23.0



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.00 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BE097601.D
 Acq: 21 Sep 2018 8:38

Tgt Ion:164 Resp: 2106
 Ion Ratio Lower Upper
 164 100
 162 104.5 83.1 124.7
 160 51.7 37.1 55.7





#14

2,4,6-Tribromophenol

Concen: 0.407 ng

RT: 15.53 min Scan# 1155

Delta R.T. 0.01 min

Lab File: BE097601.D

Acq: 21 Sep 2018 8:38

Instrument :

BNA_E

ClientSampleId :

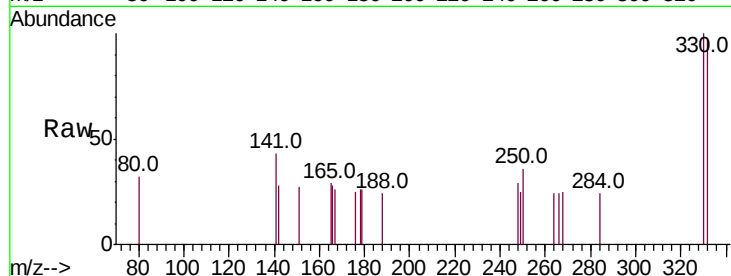
Tot Ion:330 Resp: 322

Ion Ratio Lower Upper

330 100

332 94.7 152.7 229.1#

141 36.0 33.7 50.5

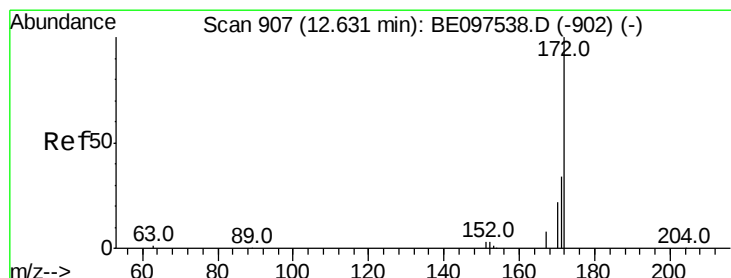
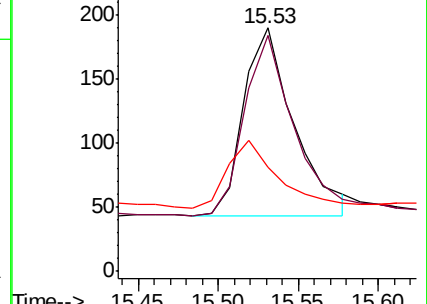
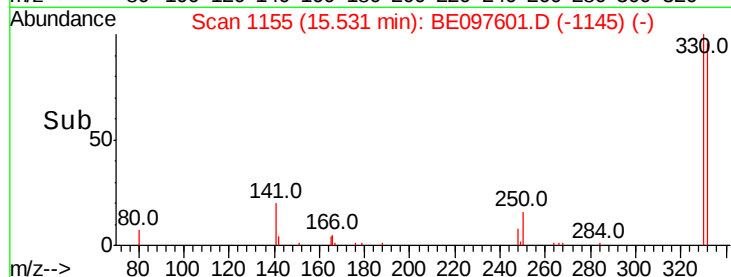


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

15.53



#15

2-Fluorobiphenyl

Concen: 0.428 ng

RT: 12.63 min Scan# 908

Delta R.T. 0.01 min

Lab File: BE097601.D

Acq: 21 Sep 2018 8:38

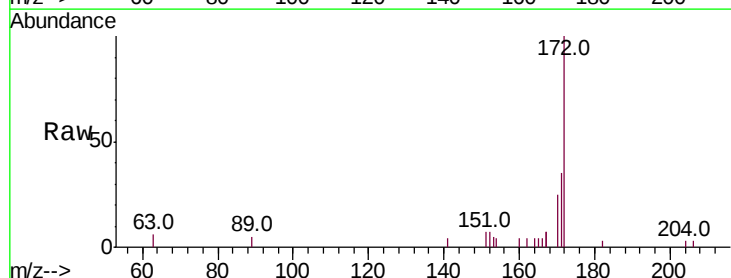
Tgt Ion:172 Resp: 3183

Ion Ratio Lower Upper

172 100

171 34.7 29.9 44.9

170 24.7 21.8 32.8

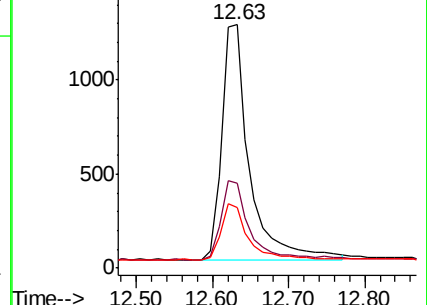
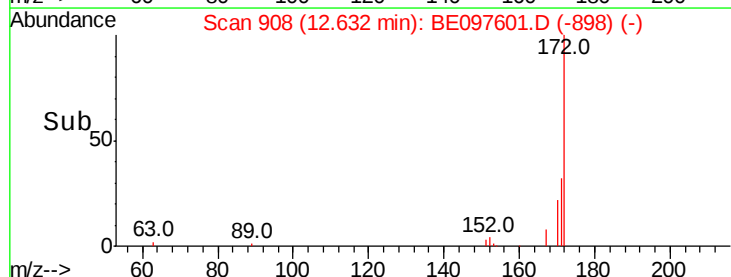


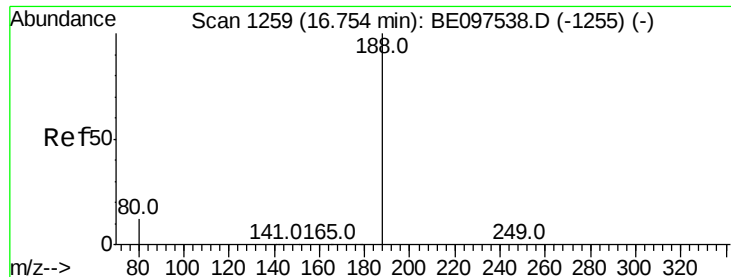
Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

12.63

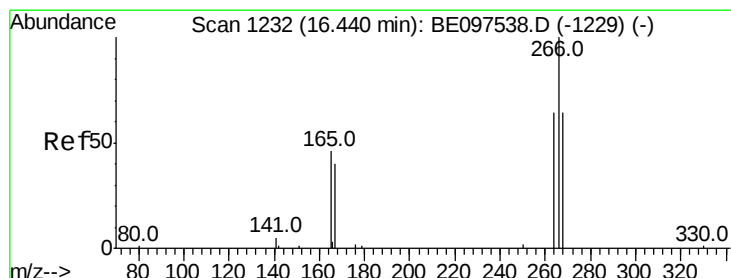
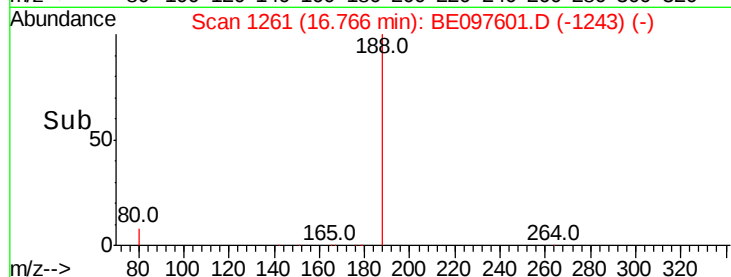
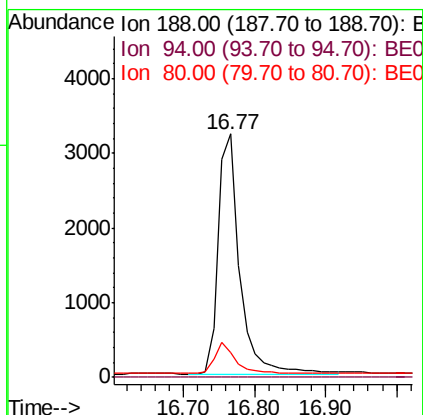
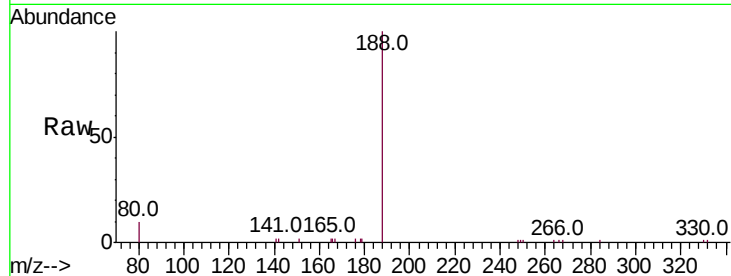




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1261
Delta R.T. 0.01 min
Lab File: BE097601.D
Acq: 21 Sep 2018 8:38

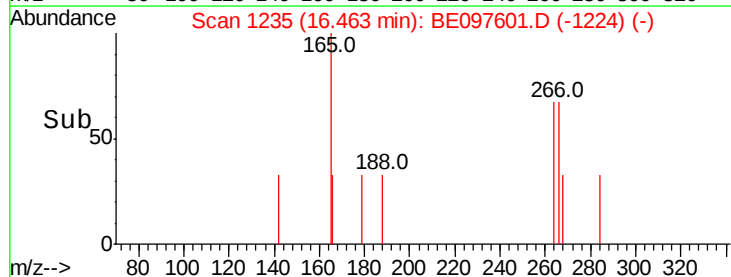
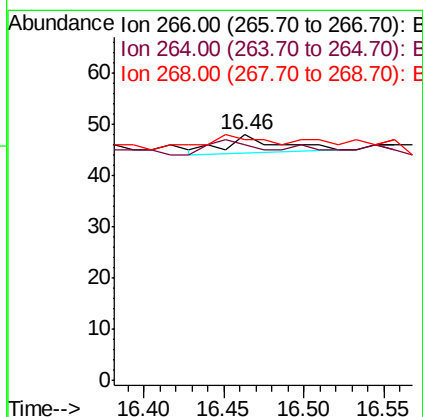
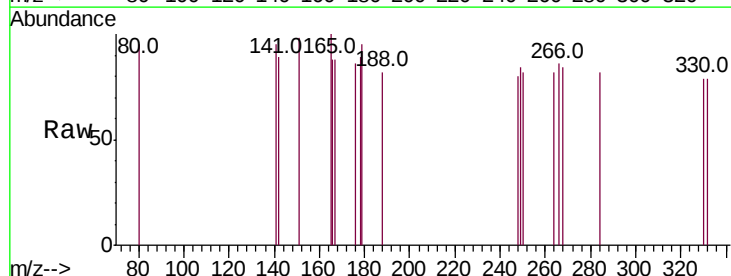
Instrument :
BNA_E
ClientSampleId :

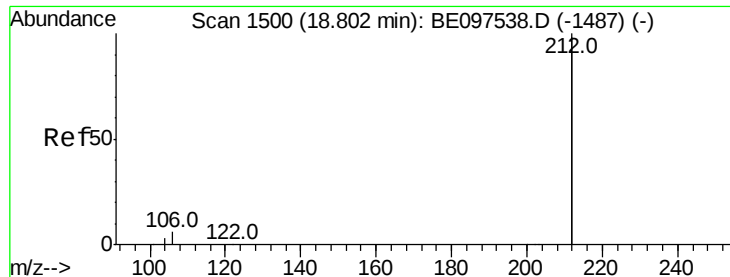
Tot Ion:188 Resp: 6714
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 10.0 3.6 5.4#



#22
Pentachlorophenol
Concen: 0.135 ng
RT: 16.46 min Scan# 1235
Delta R.T. 0.02 min
Lab File: BE097601.D
Acq: 21 Sep 2018 8:38

Tgt Ion:266 Resp: 8
Ion Ratio Lower Upper
266 100
264 95.8 72.5 108.7
268 97.9 73.8 110.6





#25

Fluoranthene-d10

Concen: 0.416 ng

RT: 18.80 min Scan# 1501

Delta R.T. -0.00 min

Lab File: BE097601.D

Acq: 21 Sep 2018 8:38

Instrument :

BNA_E

ClientSampleId :

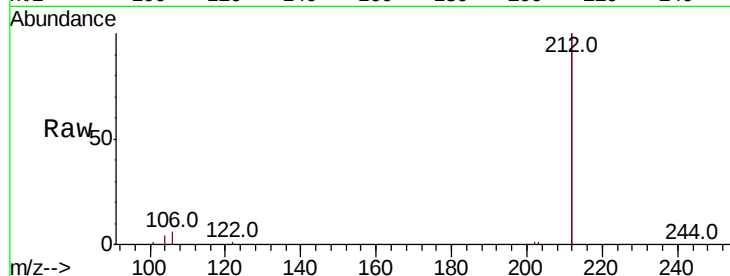
Tot Ion:212 Resp: 35770

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

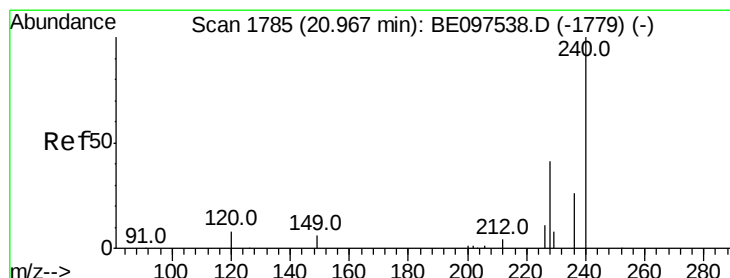
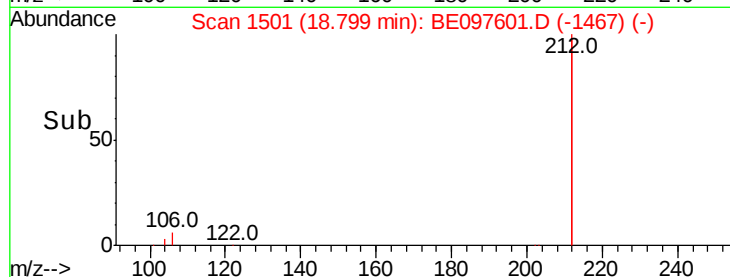
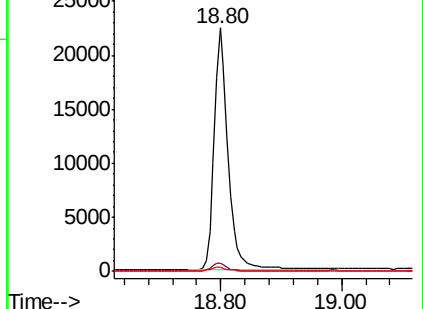
104 1.8 1.6 2.4



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# 1787

Delta R.T. -0.00 min

Lab File: BE097601.D

Acq: 21 Sep 2018 8:38

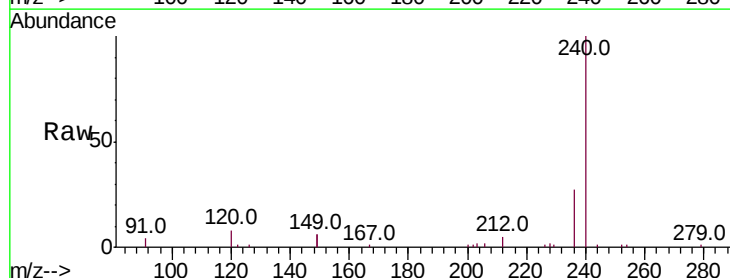
Tgt Ion:240 Resp: 9343

Ion Ratio Lower Upper

240 100

120 8.3 5.5 8.3#

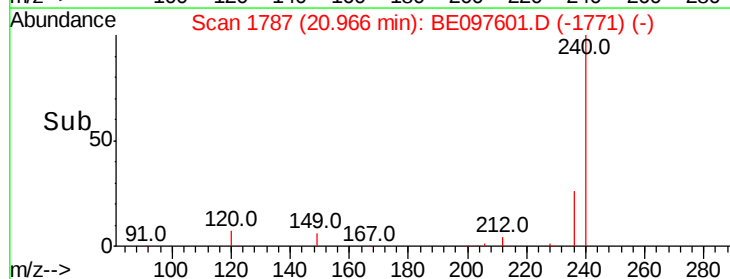
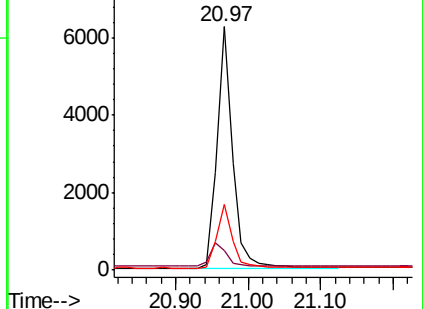
236 27.0 20.7 31.1

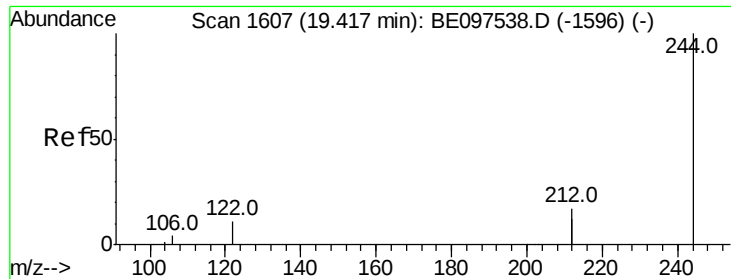


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.478 ng

RT: 19.41 min Scan# 1608

Delta R.T. -0.00 min

Lab File: BE097601.D

Acq: 21 Sep 2018 8:38

Instrument :

BNA_E

ClientSampleId :

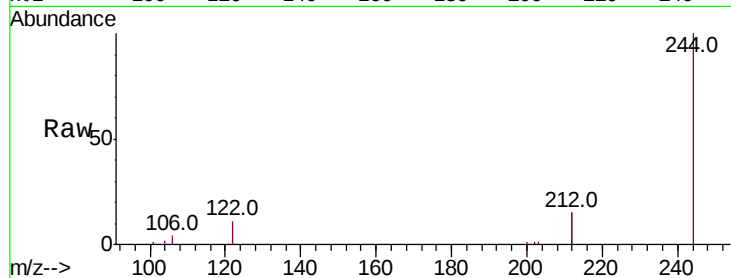
Tot Ion:244 Resp: 8178

Ion Ratio Lower Upper

244 100

212 30.6 25.4 38.0

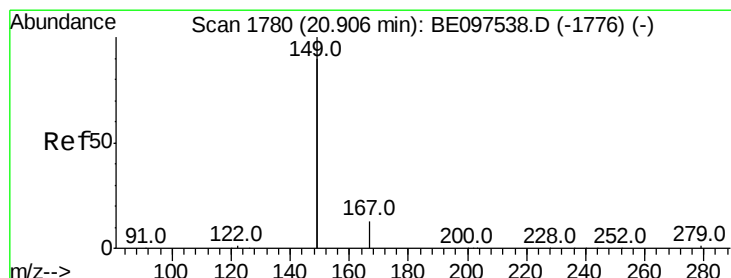
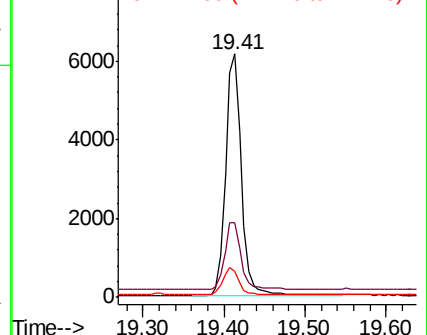
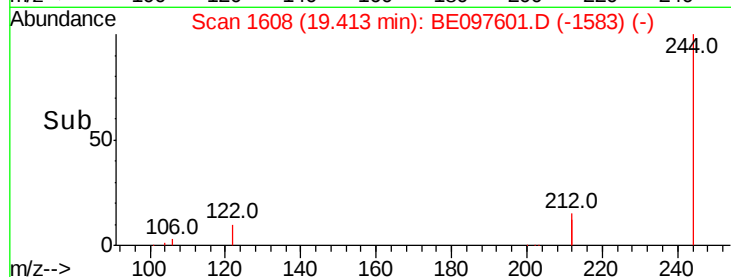
122 10.6 8.1 12.1



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: 0.093 ng

RT: 20.89 min Scan# 1781

Delta R.T. -0.01 min

Lab File: BE097601.D

Acq: 21 Sep 2018 8:38

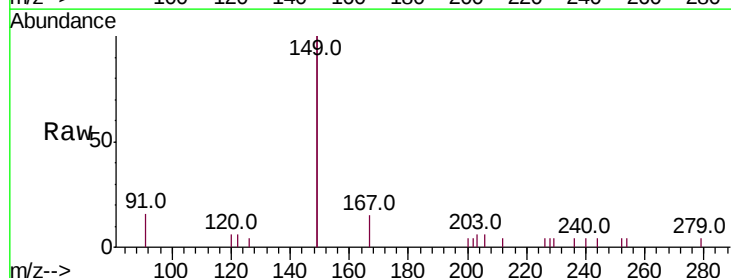
Tgt Ion:149 Resp: 3268

Ion Ratio Lower Upper

149 100

167 7.2 5.4 8.0

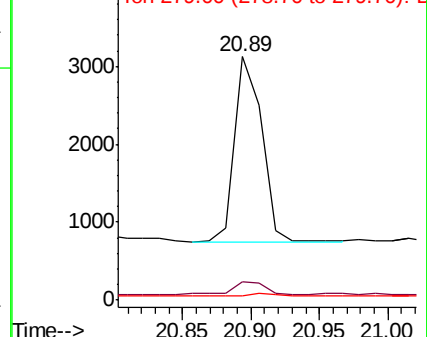
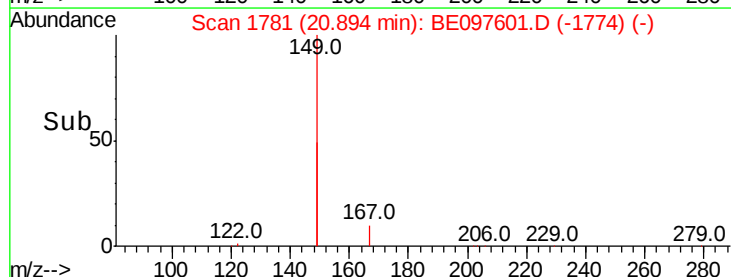
279 1.5 0.7 1.1#

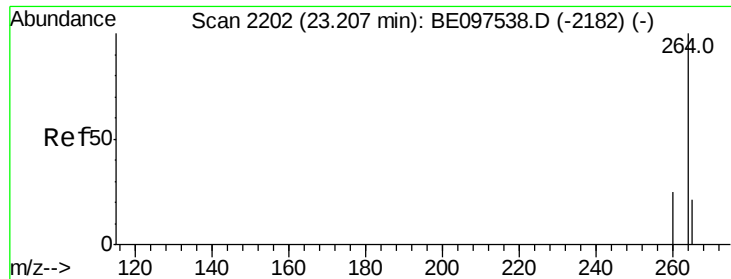


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

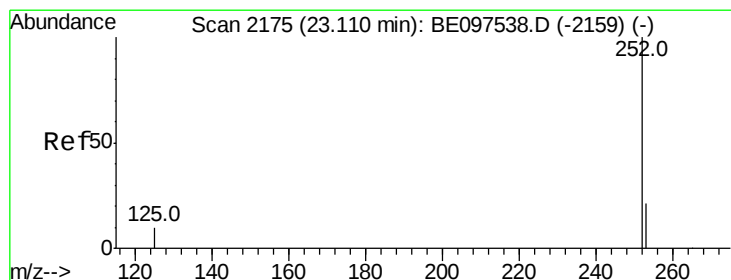
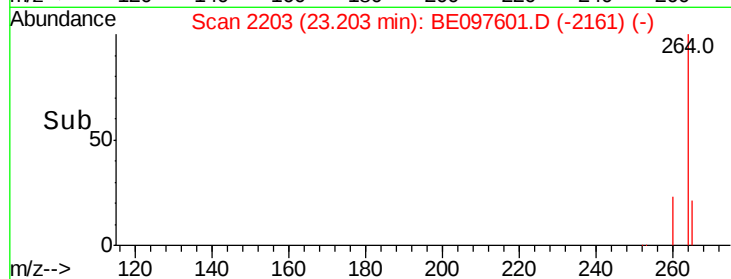
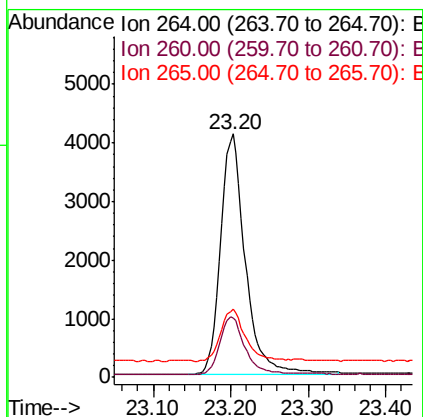
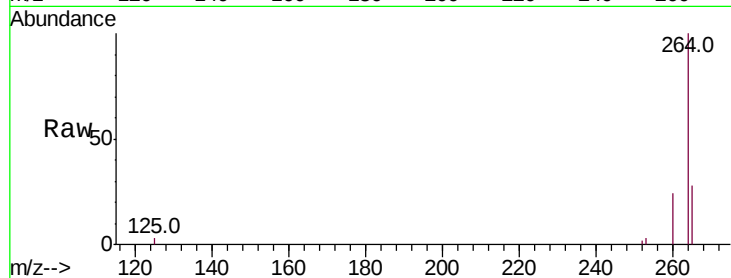




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.20 min Scan# 2203
Delta R.T. -0.00 min
Lab File: BE097601.D
Acq: 21 Sep 2018 8:38

Instrument :
BNA_E
ClientSampleId :

Tot Ion:264 Resp: 9101
Ion Ratio Lower Upper
264 100
260 24.3 20.5 30.7
265 27.9 22.8 34.2



#37
Benzo(a)pyrene
Concen: 0.025 ng
RT: 23.12 min Scan# 2180
Delta R.T. 0.01 min
Lab File: BE097601.D
Acq: 21 Sep 2018 8:38

Tgt Ion:252 Resp: 96
Ion Ratio Lower Upper
252 100
253 117.1 16.0 24.0#
125 155.6 12.0 18.0#

