

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE081018\
 Data File : BE097270.D
 Acq On : 10 Aug 2018 20:06
 Operator : SJ/JU
 Sample : J4385-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 10 23:08:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE072418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 10:49:28 2018
 Response via : Initial Calibration

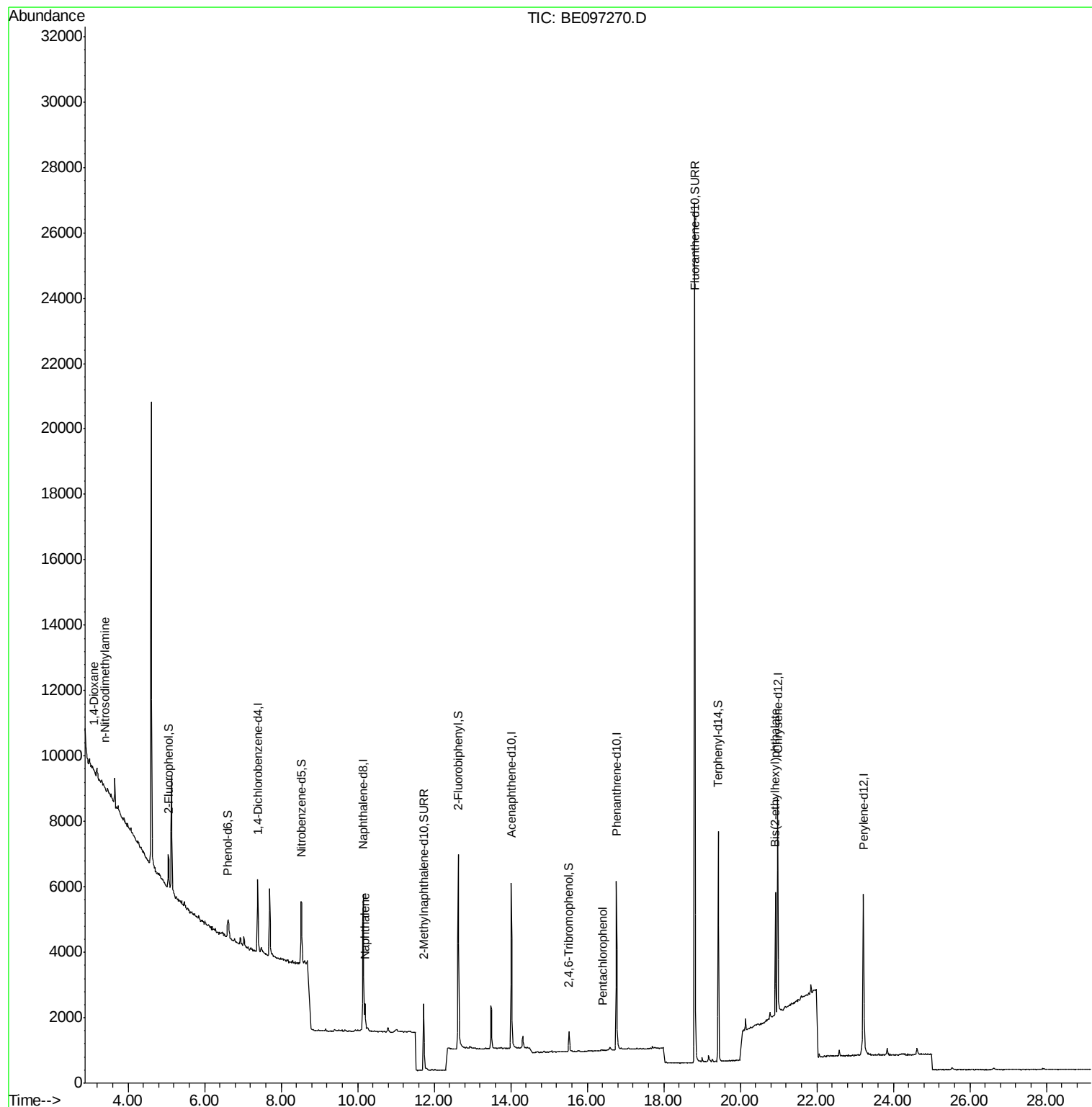
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1020	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	5017	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	2997	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	7158	0.40	ng	0.00
27) Chrysene-d12	20.98	240	6943	0.40	ng	0.00
34) Perylene-d12	23.22	264	7220	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	587	0.20	ng	0.01
5) Phenol-d6	6.61	99	500	0.12	ng	0.01
8) Nitrobenzene-d5	8.53	82	2108	0.48	ng	0.01
11) 2-Methylnaphthalene-d10	11.73	152	3213	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	420	0.43	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	5789	0.56	ng	0.00
25) Fluoranthene-d10	18.81	212	33327	0.47	ng	0.00
29) Terphenyl-d14	19.43	244	6185	0.46	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.10	88	41	0.025	ng	# 46
3) n-Nitrosodimethylamine	3.38	42	37	0.020	ng	# 17
9) Naphthalene	10.19	128	1400	0.031	ng	# 85
22) Pentachlorophenol	16.41	266	3	0.038	ng	# 94
32) Bis(2-ethylhexyl)phthalate	20.92	149	4030	0.223	ng	# 99

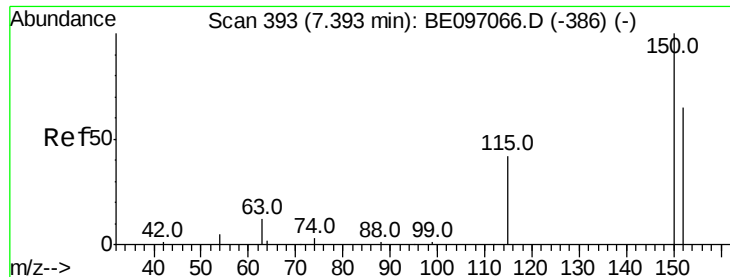
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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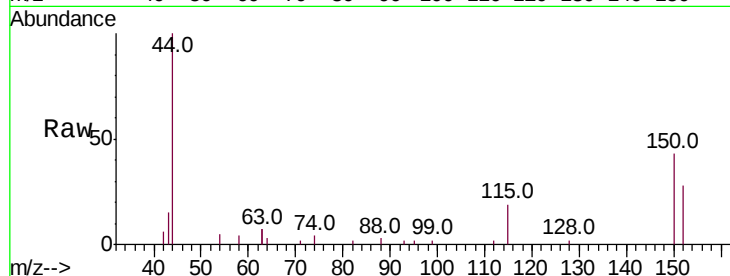


#1

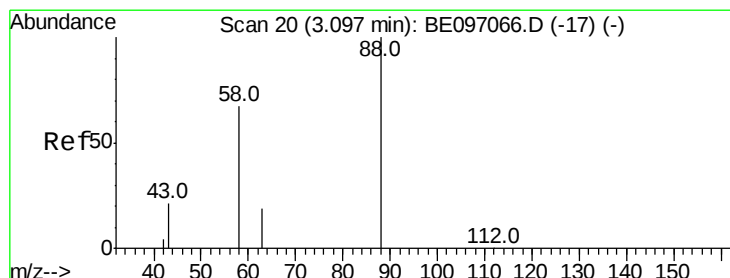
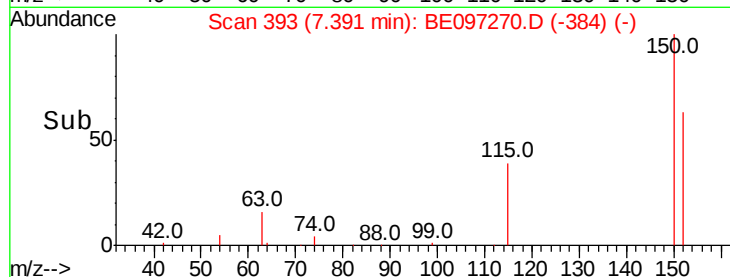
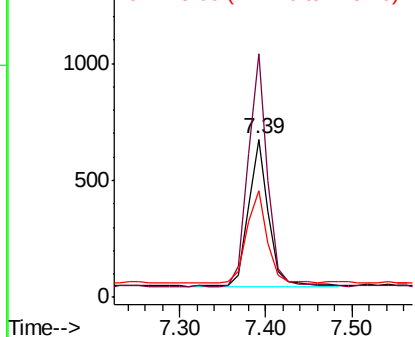
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. 0.00 min
Lab File: BE097270.D
Acq: 10 Aug 2018 20:06

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1020
Ion Ratio Lower Upper
152 100
150 154.2 117.2 175.8
115 67.3 57.0 85.6



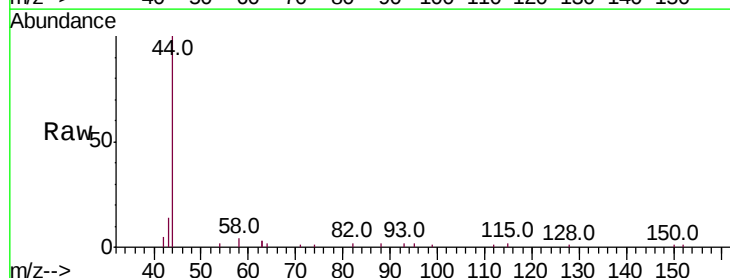
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



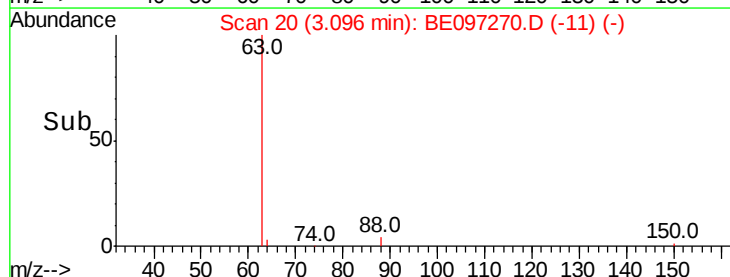
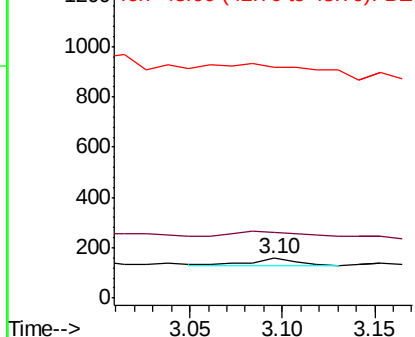
#2

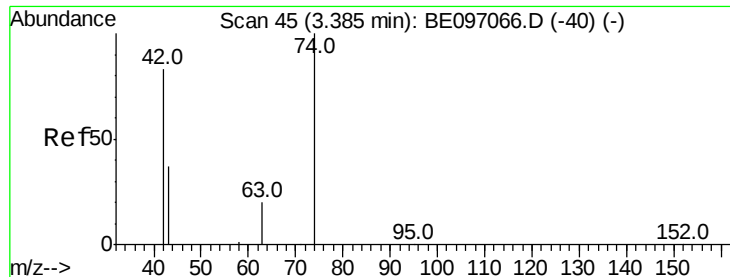
1,4-Dioxane
Concen: 0.025 ng
RT: 3.10 min Scan# 20
Delta R.T. 0.00 min
Lab File: BE097270.D
Acq: 10 Aug 2018 20:06

Tgt Ion: 88 Resp: 41
Ion Ratio Lower Upper
88 100
58 114.6 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: 0.020 ng

RT: 3.38 min Scan# 45

Delta R.T. 0.00 min

Lab File: BE097270.D

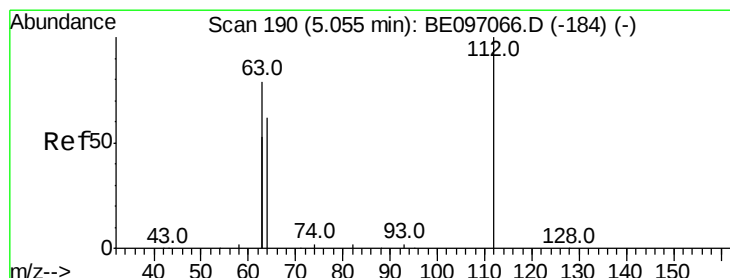
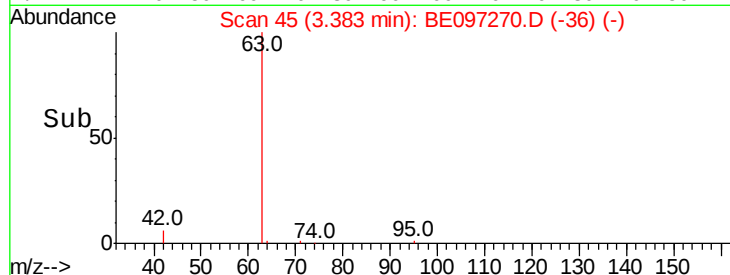
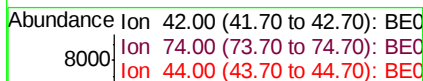
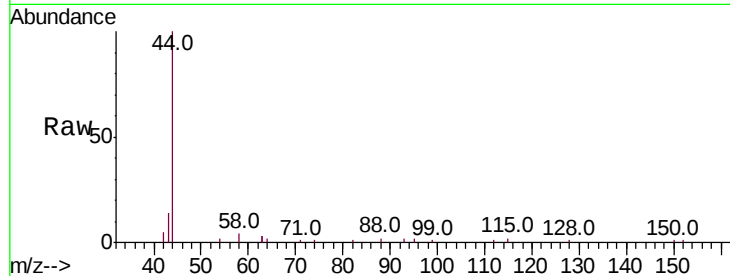
Acq: 10 Aug 2018 20:06

Instrument :

BNA_E

ClientSampleId :

Tot Ion:	42	Resp:	37
Ion	Ratio	Lower	Upper
42	100		
74	21.6	96.0	144.0#
44	0.0	12.0	18.0#



#4

2-Fluorophenol

Concen: 0.205 ng

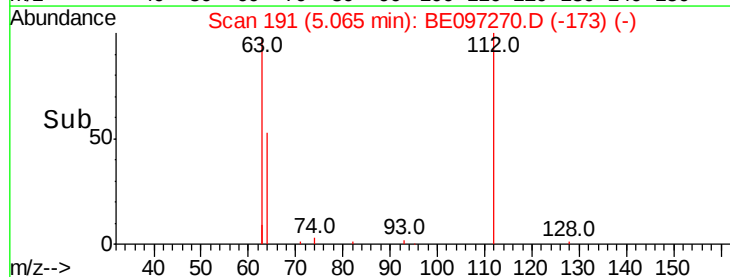
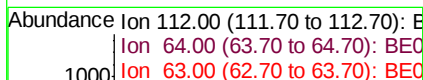
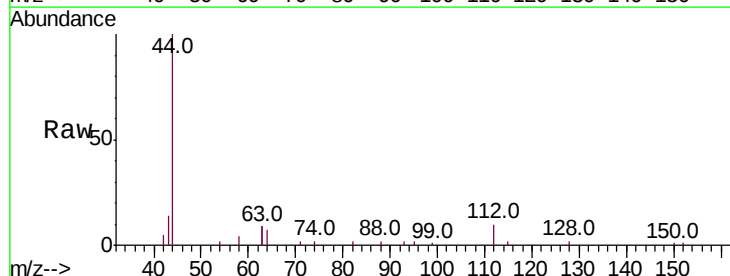
RT: 5.06 min Scan# 191

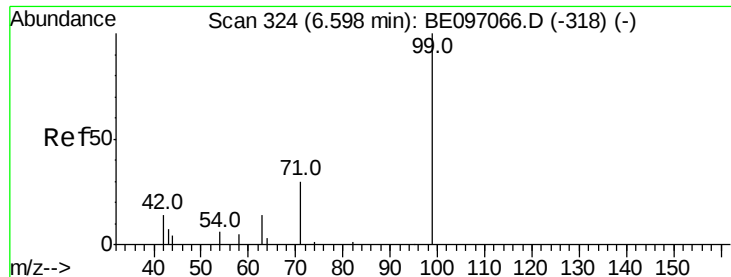
Delta R.T. 0.01 min

Lab File: BE097270.D

Acq: 10 Aug 2018 20:06

Tgt Ion:	112	Resp:	587
Ion	Ratio	Lower	Upper
112	100		
64	70.5	60.1	90.1
63	146.2	116.8	175.2





#5

Phenol-d6

Concen: 0.119 ng

RT: 6.61 min Scan# 325

Delta R.T. 0.01 min

Lab File: BE097270.D

Acq: 10 Aug 2018 20:06

Instrument :

BNA_E

ClientSampleId :

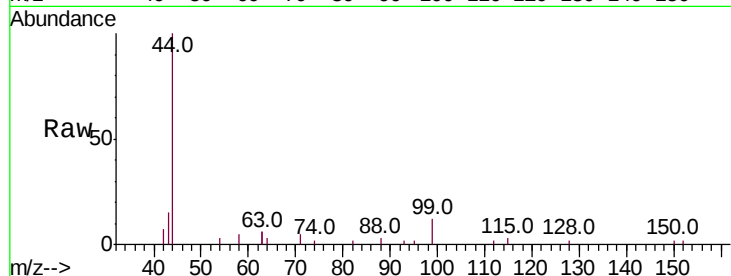
Tot Ion: 99 Resp: 500

Ion Ratio Lower Upper

99 100

42 24.6 20.2 30.2

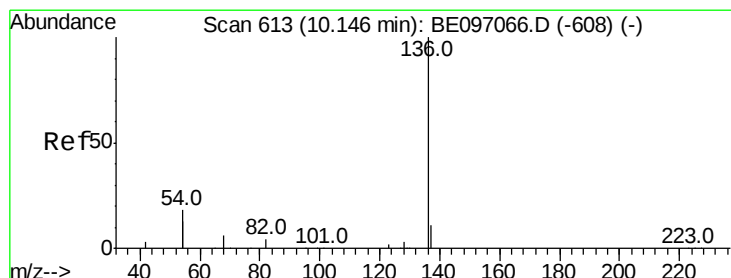
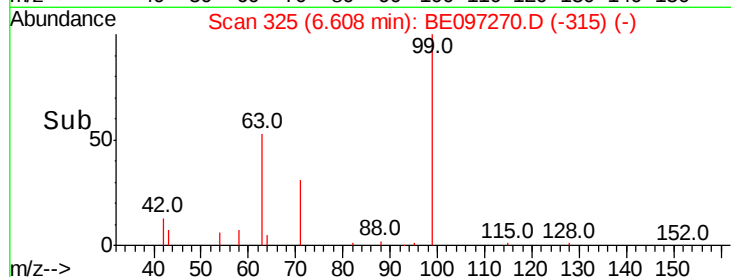
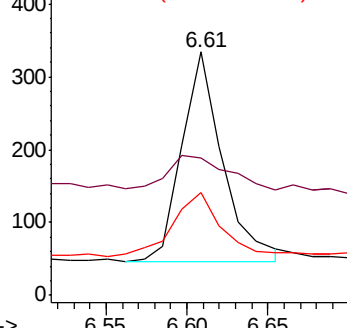
71 34.4 28.4 42.6



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. 0.00 min

Lab File: BE097270.D

Acq: 10 Aug 2018 20:06

Tgt Ion: 136 Resp: 5017

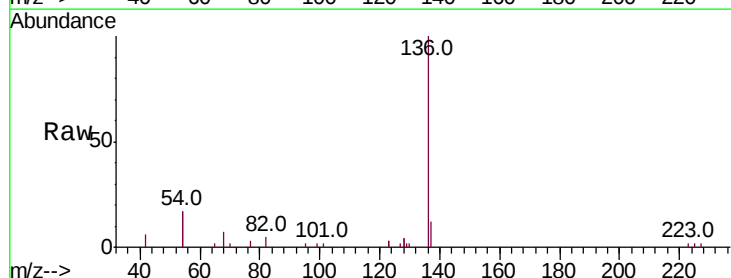
Ion Ratio Lower Upper

136 100

137 12.4 9.5 14.3

54 34.1 29.1 43.7

68 7.0 6.2 9.2

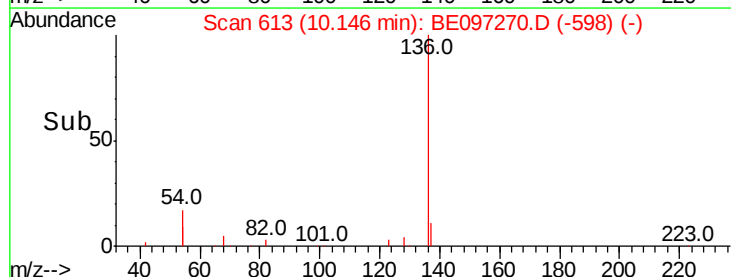
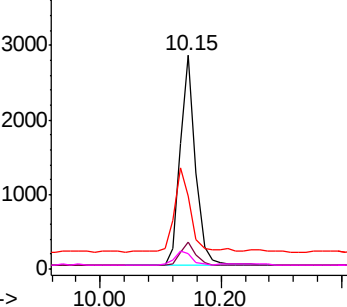


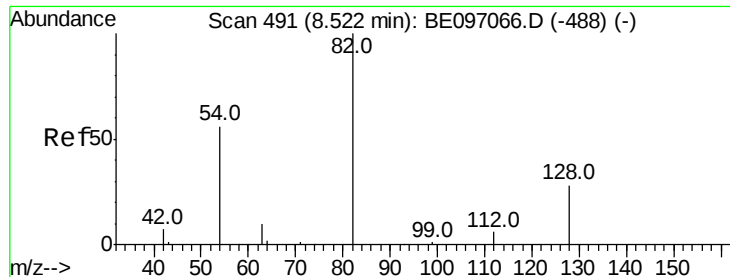
Abundance Ion 136.00 (135.70 to 136.70): E

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

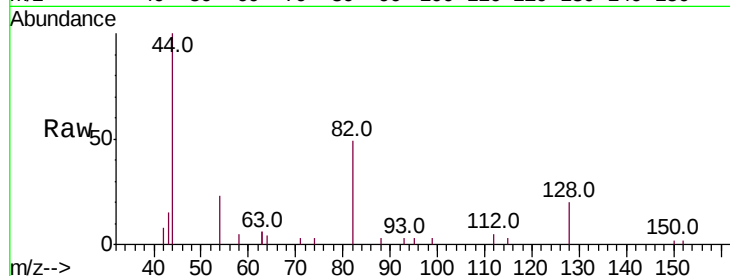




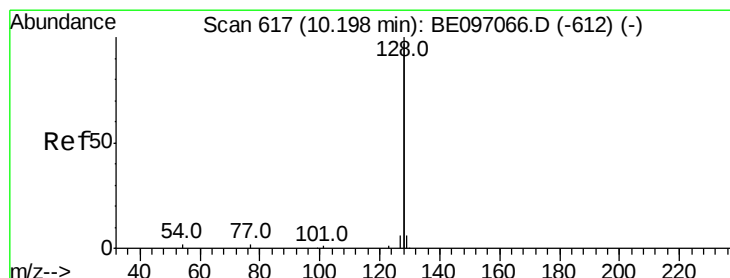
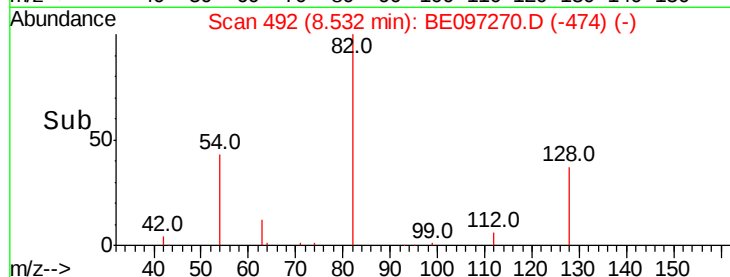
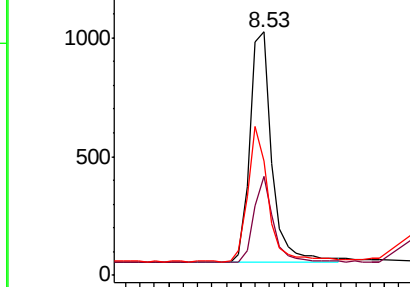
#8
 Nitrobenzene-d5
 Concen: 0.484 ng
 RT: 8.53 min Scan# 492
 Delta R.T. 0.01 min
 Lab File: BE097270.D
 Acq: 10 Aug 2018 20:06

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.6	24.0	36.0#
54	46.8	40.0	60.0

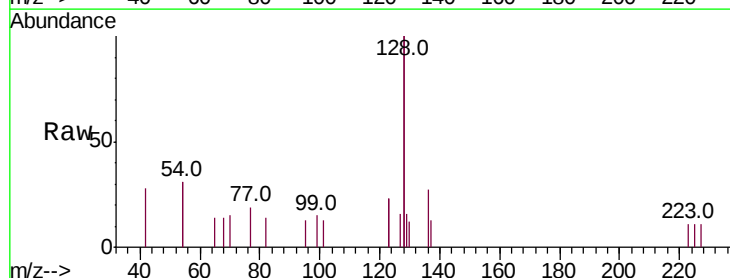


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BE0

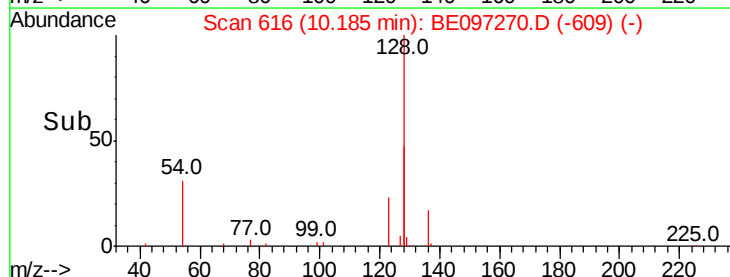
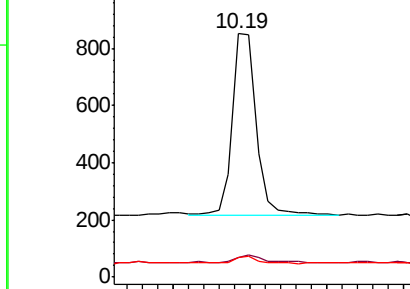


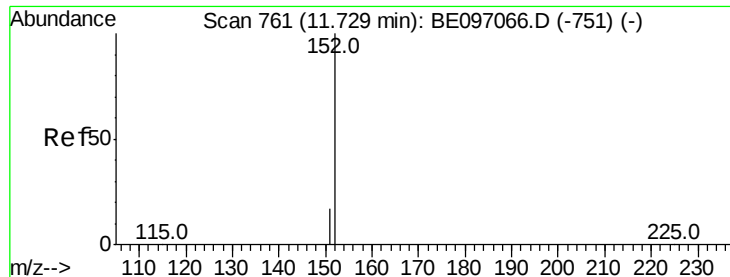
#9
 Naphthalene
 Concen: 0.031 ng
 RT: 10.19 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BE097270.D
 Acq: 10 Aug 2018 20:06

Tgt Ion	Ratio	Lower	Upper
128	100		
129	8.2	2.6	3.8#
127	8.2	2.8	4.2#



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

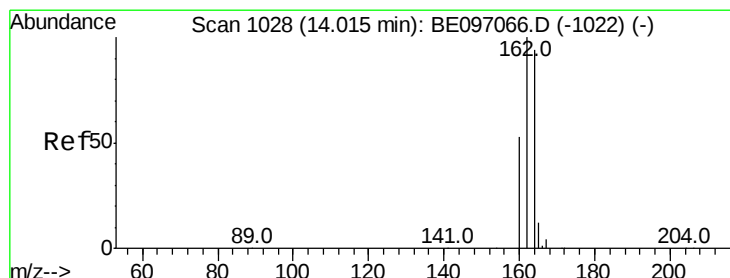
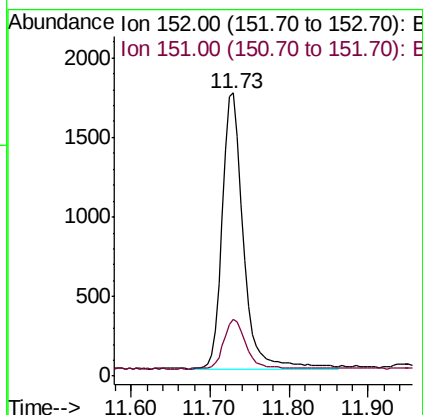
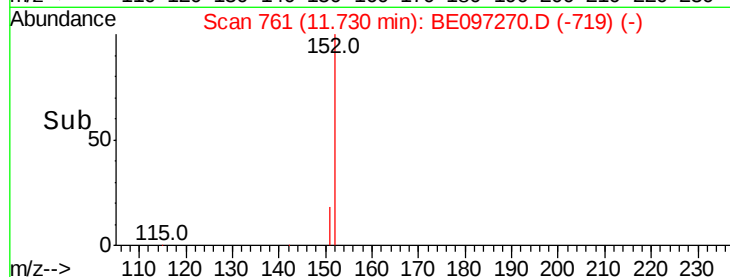
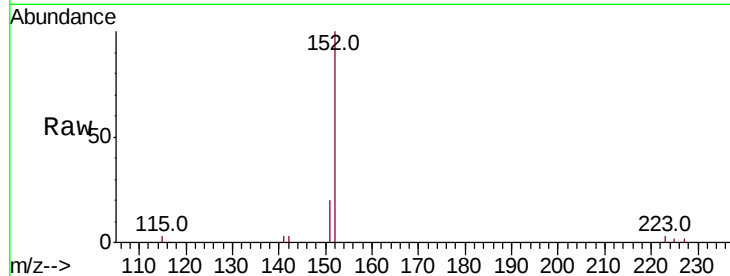




#11
2-Methylnaphthalene-d10
Concen: 0.428 ng
RT: 11.73 min Scan# 761
Delta R.T. 0.01 min
Lab File: BE097270.D
Acq: 10 Aug 2018 20:06

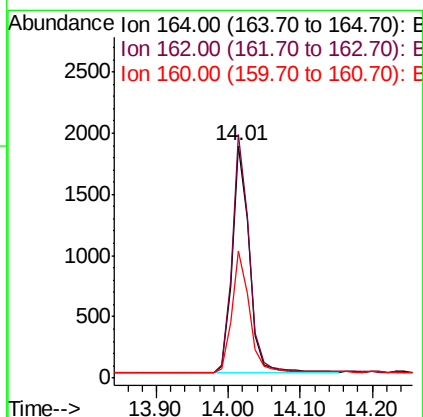
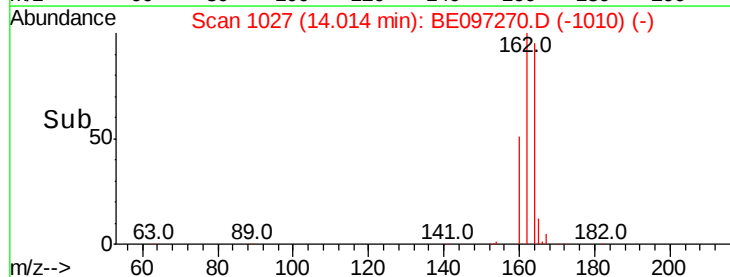
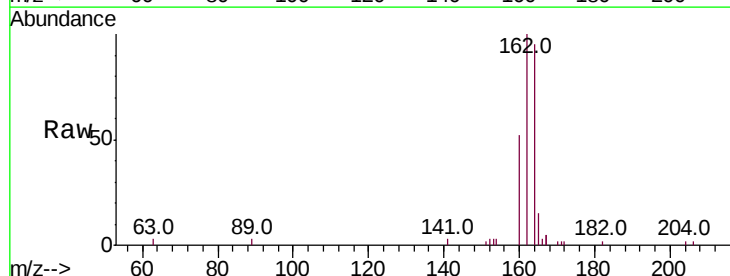
Instrument :
BNA_E
ClientSampleId :

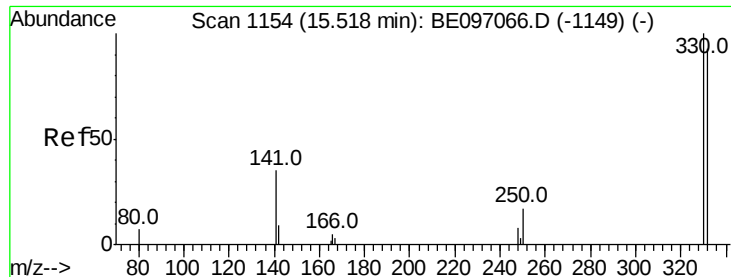
Tot Ion:152 Resp: 3213
Ion Ratio Lower Upper
152 100
151 18.8 15.4 23.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE097270.D
Acq: 10 Aug 2018 20:06

Tgt Ion:164 Resp: 2997
Ion Ratio Lower Upper
164 100
162 104.8 83.1 124.7
160 54.6 37.1 55.7





#14

2,4,6-Tribromophenol

Concen: 0.426 ng

RT: 15.52 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BE097270.D

Acq: 10 Aug 2018 20:06

Instrument :

BNA_E

ClientSampleId :

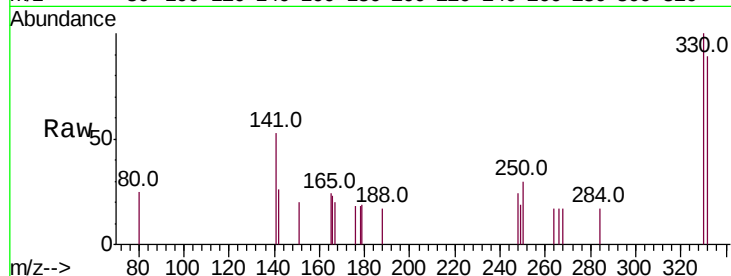
Tot Ion:330 Resp: 420

Ion Ratio Lower Upper

330 100

332 95.5 152.7 229.1#

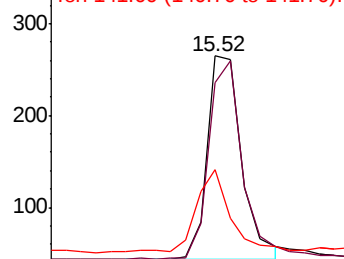
141 39.0 33.7 50.5



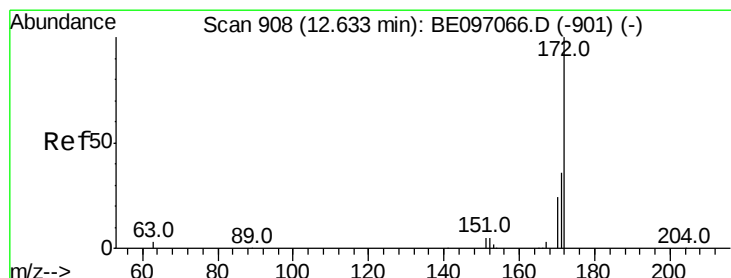
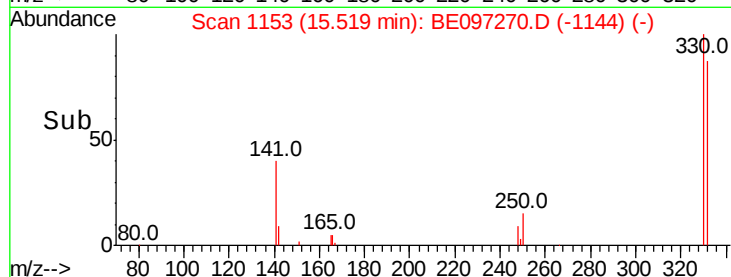
Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time-->



#15

2-Fluorobiphenyl

Concen: 0.559 ng

RT: 12.63 min Scan# 907

Delta R.T. -0.00 min

Lab File: BE097270.D

Acq: 10 Aug 2018 20:06

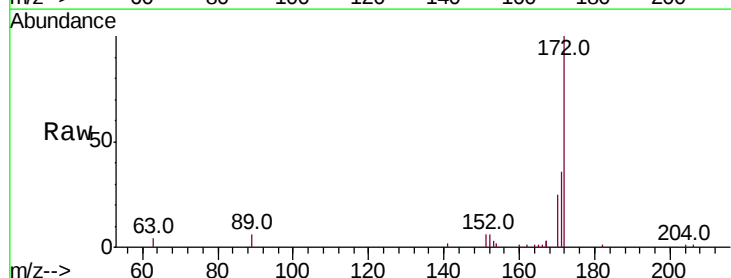
Tgt Ion:172 Resp: 5789

Ion Ratio Lower Upper

172 100

171 35.6 29.9 44.9

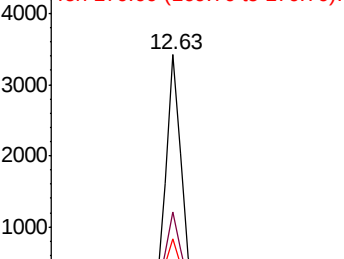
170 24.6 21.8 32.8



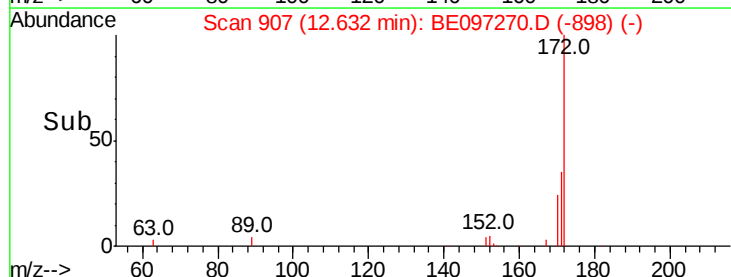
Abundance Ion 172.00 (171.70 to 172.70): E

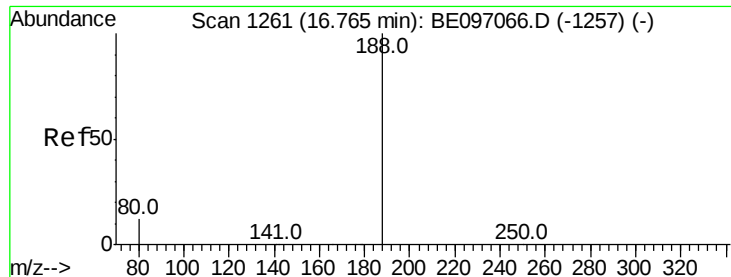
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



Time-->





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: BE097270.D

Acq: 10 Aug 2018 20:06

Instrument :

BNA_E

ClientSampleId :

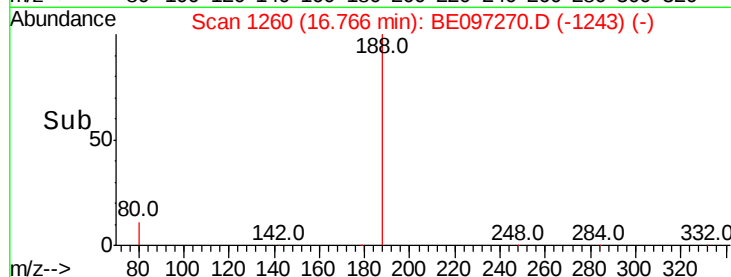
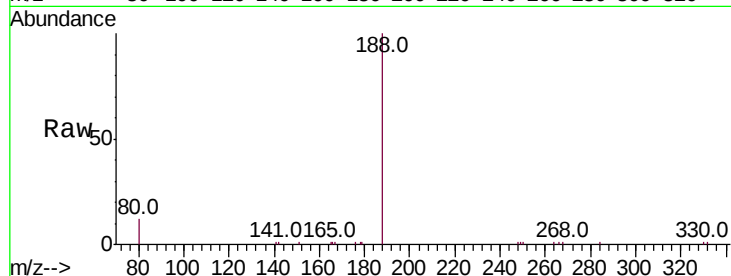
Tot Ion:188 Resp: 7158

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

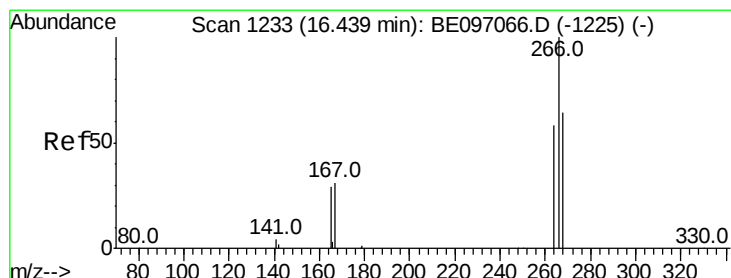
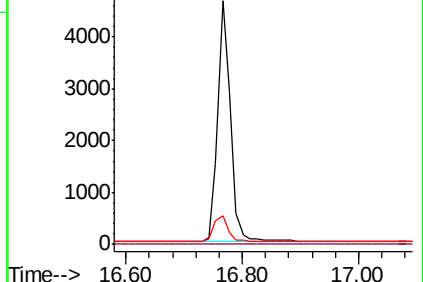
80 11.9 3.6 5.4#



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: 0.038 ng

RT: 16.41 min Scan# 1229

Delta R.T. -0.02 min

Lab File: BE097270.D

Acq: 10 Aug 2018 20:06

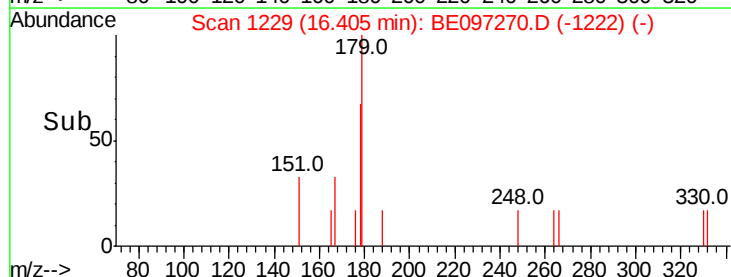
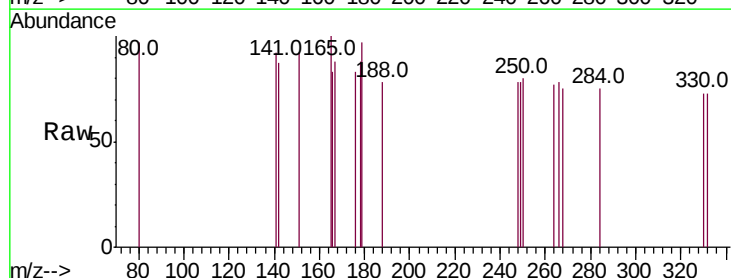
Tgt Ion:266 Resp: 3

Ion Ratio Lower Upper

266 100

264 97.9 72.5 108.7

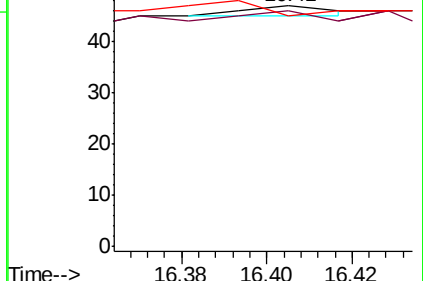
268 95.7 73.8 110.6

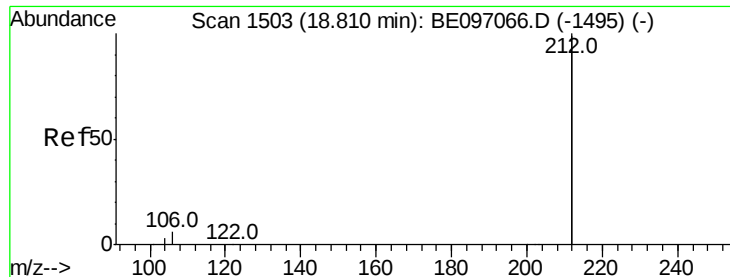


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.465 ng

RT: 18.81 min Scan# 1501

Delta R.T. -0.00 min

Lab File: BE097270.D

Acq: 10 Aug 2018 20:06

Instrument :

BNA_E

ClientSampleId :

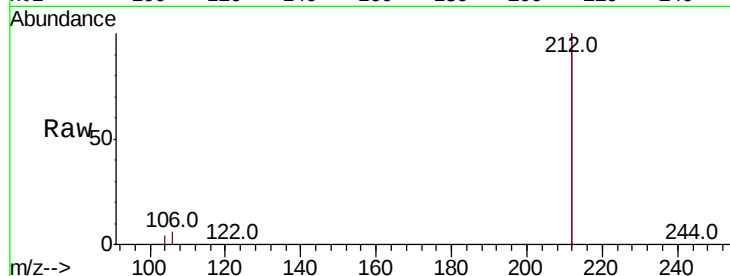
Tot Ion:212 Resp: 33327

Ion Ratio Lower Upper

212 100

106 3.0 2.8 4.2

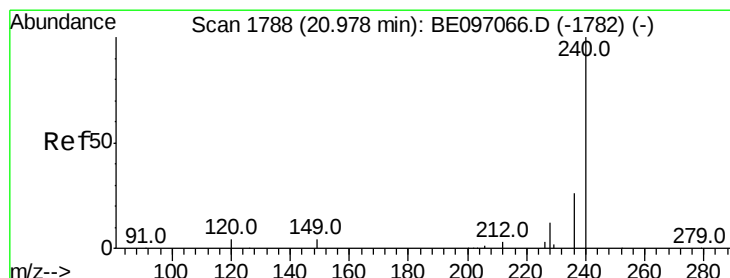
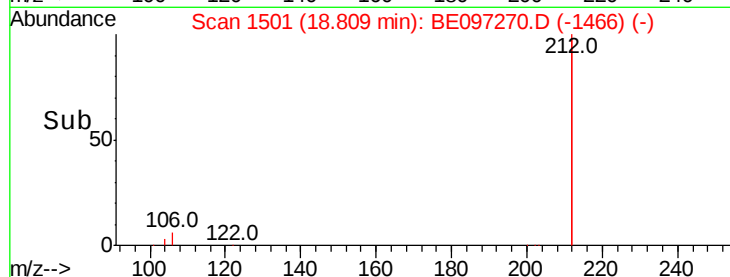
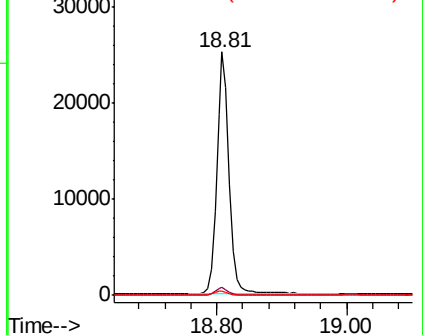
104 1.7 1.6 2.4



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: 20.98 min Scan# 1786

Delta R.T. 0.00 min

Lab File: BE097270.D

Acq: 10 Aug 2018 20:06

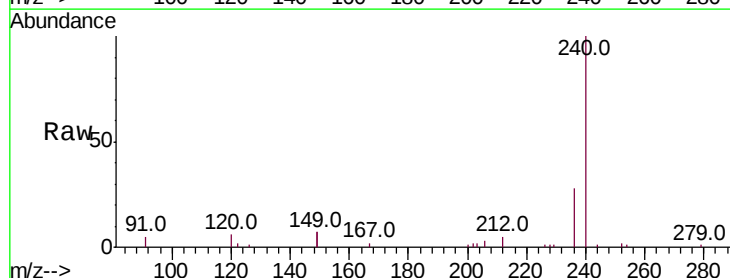
Tgt Ion:240 Resp: 6943

Ion Ratio Lower Upper

240 100

120 6.2 5.5 8.3

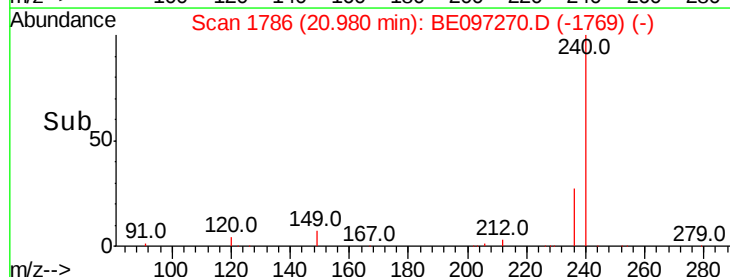
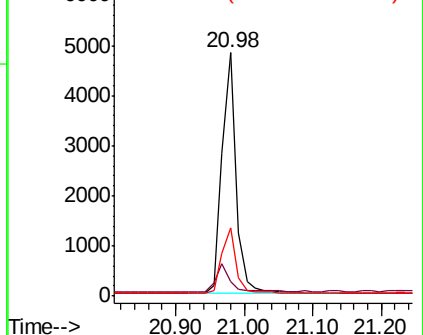
236 27.8 20.7 31.1

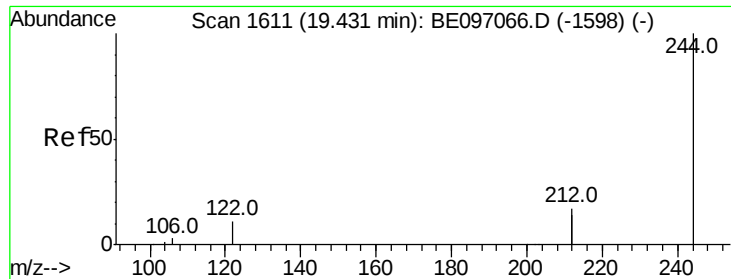


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.464 ng

RT: 19.43 min Scan# 1609

Delta R.T. -0.00 min

Lab File: BE097270.D

Acq: 10 Aug 2018 20:06

Instrument :

BNA_E

ClientSampleId :

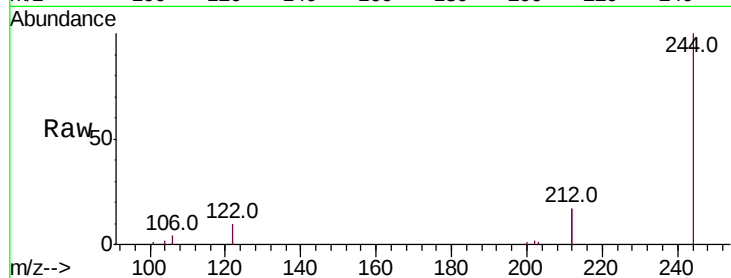
Tot Ion:244 Resp: 6185

Ion Ratio Lower Upper

244 100

212 34.8 25.4 38.0

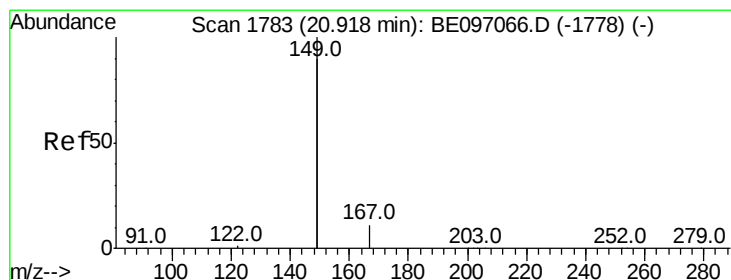
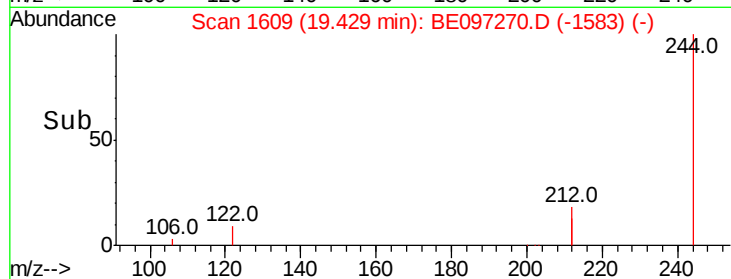
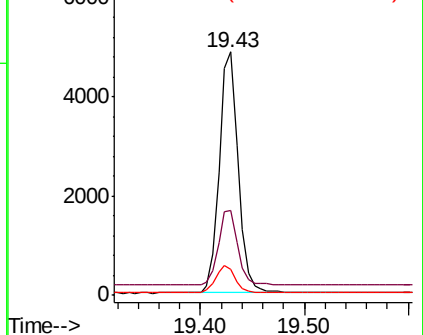
122 10.4 8.1 12.1



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: 0.223 ng

RT: 20.92 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BE097270.D

Acq: 10 Aug 2018 20:06

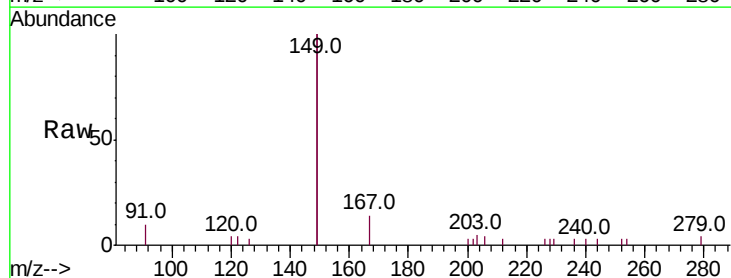
Tgt Ion:149 Resp: 4030

Ion Ratio Lower Upper

149 100

167 6.5 5.4 8.0

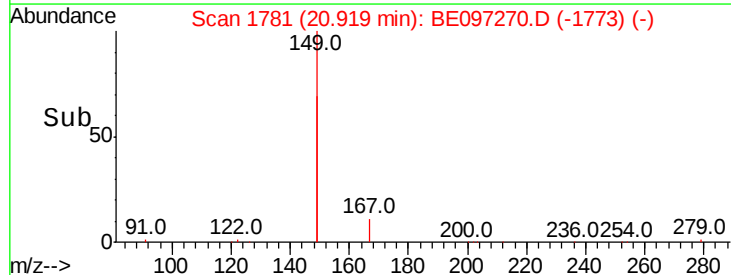
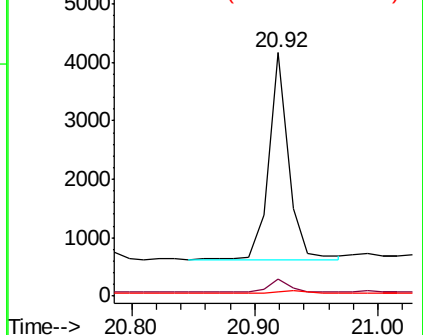
279 1.4 0.7 1.1#

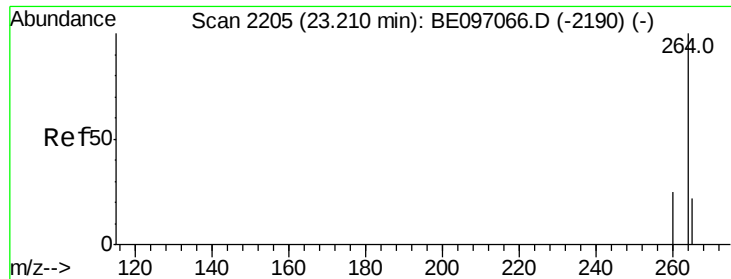


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.22 min Scan# 2205
Delta R.T. 0.01 min
Lab File: BE097270.D
Acq: 10 Aug 2018 20:06

Instrument :
BNA_E
ClientSampleId :

Tot Ion:264 Resp: 7220
Ion Ratio Lower Upper
264 100
260 26.2 20.5 30.7
265 31.3 22.8 34.2

