

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072418\
 Data File : BE097086.D
 Acq On : 25 Jul 2018 00:04
 Operator : SJ/JU
 Sample : J4073-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 25 01:24:04 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 24 13:24:10 2018
 Response via : Initial Calibration

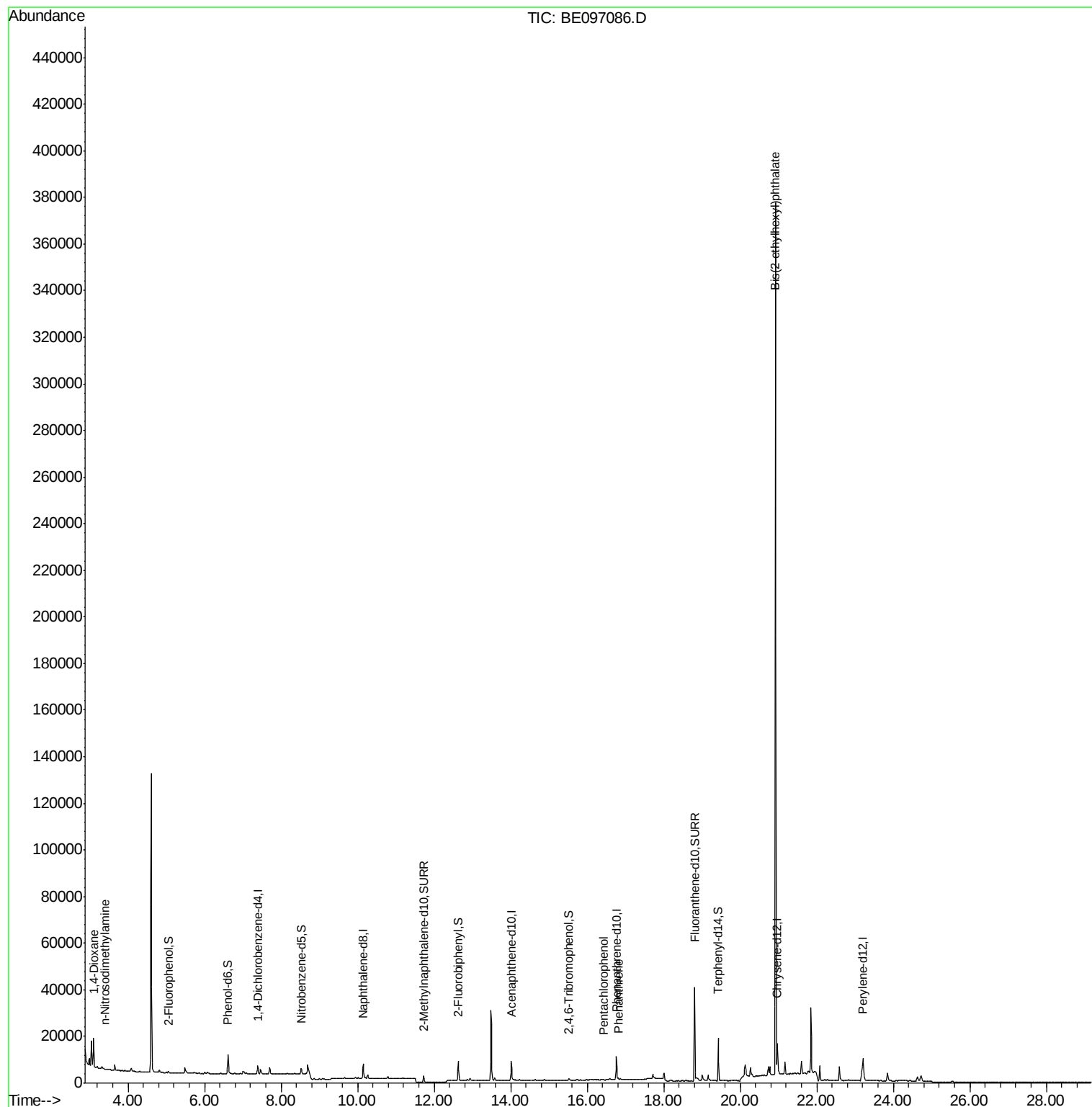
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1386	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	6846	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	4530	0.40	ng	0.00
19) Phenanthrene-d10	16.76	188	12913	0.40	ng	0.00
27) Chrysene-d12	20.97	240	14141	0.40	ng	-0.01
34) Perylene-d12	23.21	264	13598	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	391	0.10	ng	0.00
5) Phenol-d6	6.60	99	410	0.07	ng	0.00
8) Nitrobenzene-d5	8.52	82	2286	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	3612	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	435	0.29	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	7155	0.46	ng	0.00
25) Fluoranthene-d10	18.81	212	54585	0.42	ng	0.00
29) Terphenyl-d14	19.42	244	15176	0.56	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.10	88	6677	3.032	ng	Qvalue # 91
3) n-Nitrosodimethylamine	3.41	42	52	0.021	ng	# 1
22) Pentachlorophenol	16.44	266	10	0.041	ng	95
23) Phenanthrene	16.81	178	770	0.025	ng	# 85
32) Bis(2-ethylhexyl)phthalate	20.92	149	407797	5.588	ng	100

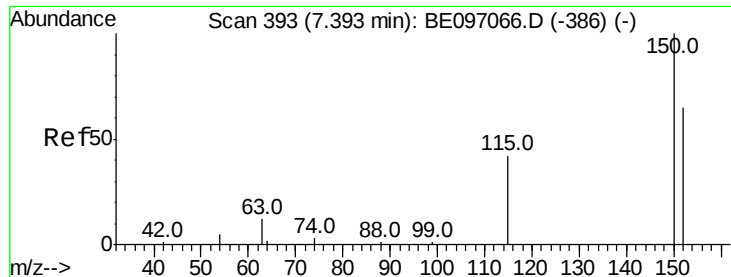
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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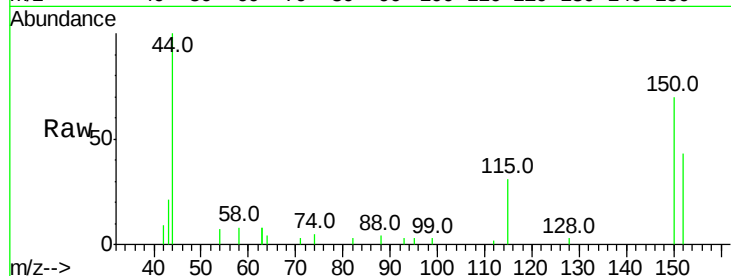


#1

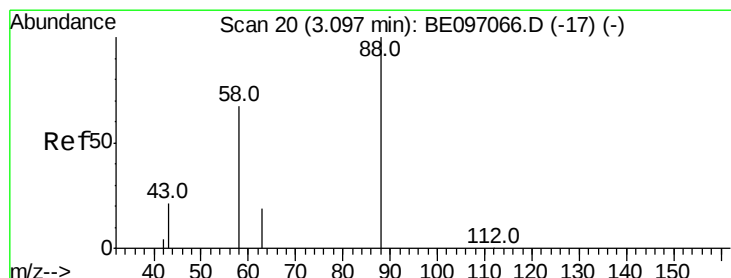
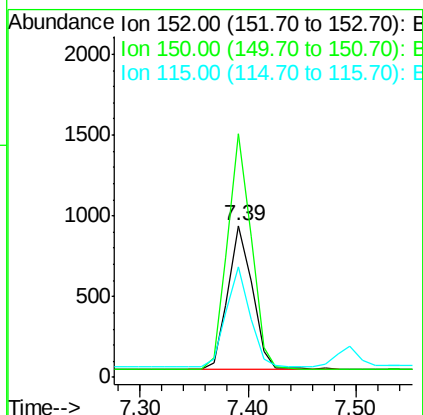
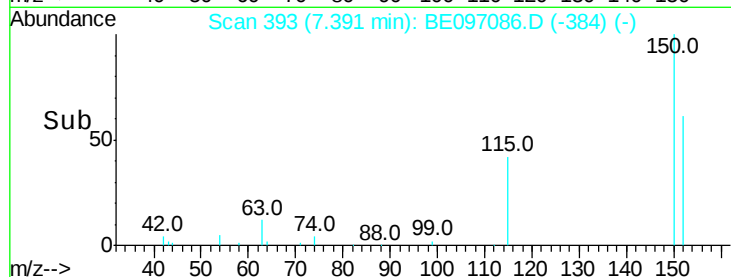
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE097086.D
Acq: 25 Jul 2018 00:04

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1386
Ion Ratio Lower Upper
152 100
150 160.6 117.2 175.8
115 72.6 57.0 85.6



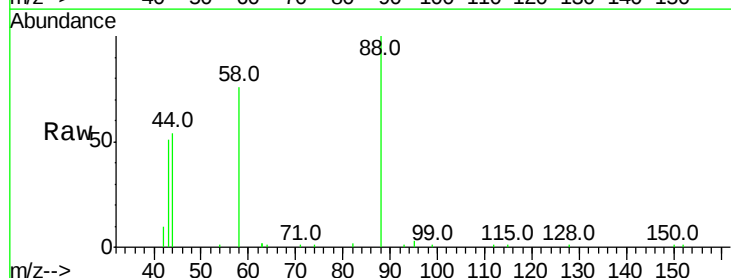
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



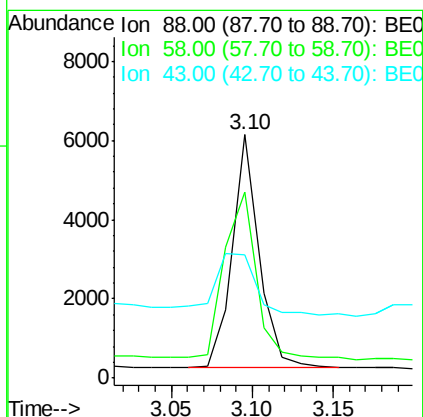
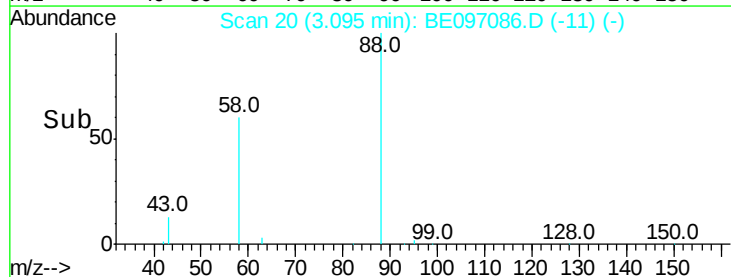
#2

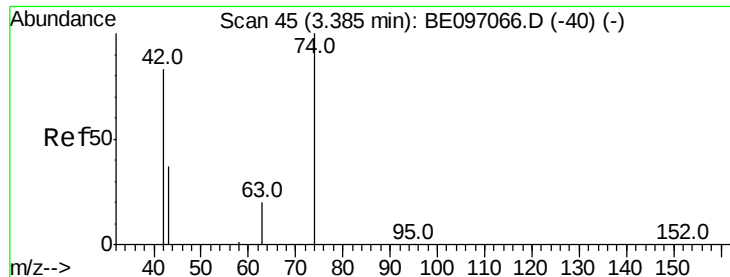
1,4-Dioxane
Concen: 3.032 ng
RT: 3.10 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE097086.D
Acq: 25 Jul 2018 00:04

Tgt Ion: 88 Resp: 6677
Ion Ratio Lower Upper
88 100
58 82.8 63.2 94.8
43 40.2 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: 0.021 ng

RT: 3.41 min Scan# 47

Delta R.T. 0.02 min

Lab File: BE097086.D

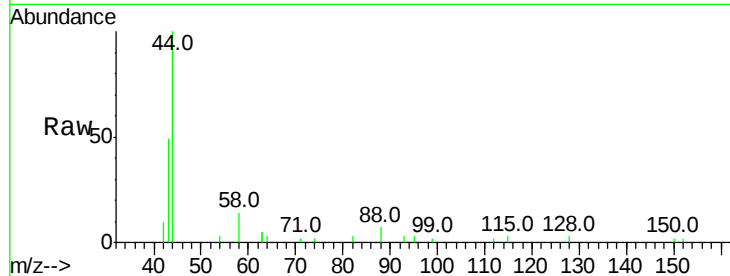
Acq: 25 Jul 2018 00:04

Instrument :

BNA_E

ClientSampleId :

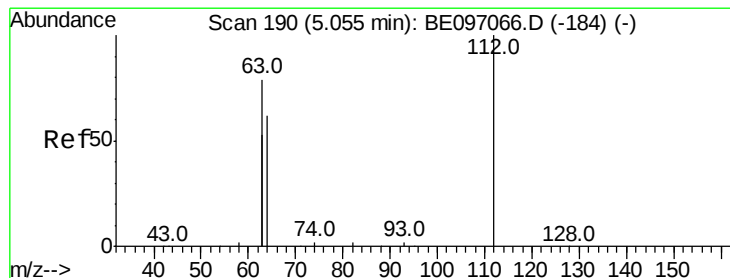
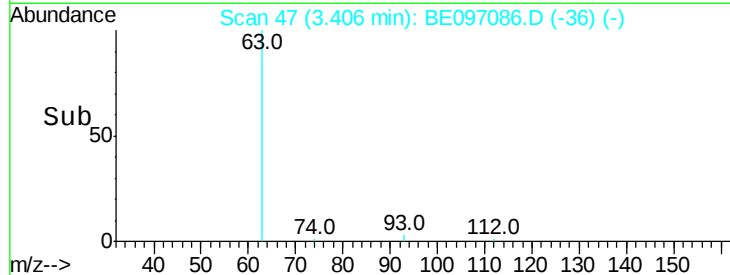
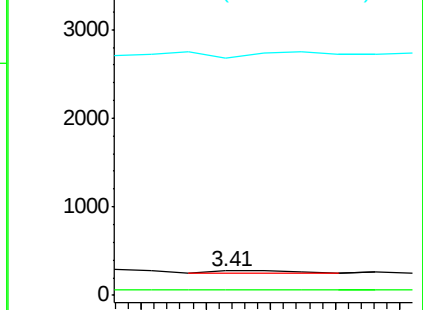
Tot Ion:	42	Resp:	52
Ion	Ratio	Lower	Upper
42	100		
74	0.0	96.0	144.0#
44	0.0	12.0	18.0#



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: 0.100 ng

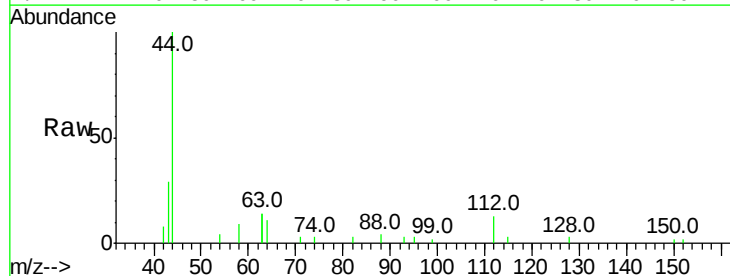
RT: 5.05 min Scan# 190

Delta R.T. -0.00 min

Lab File: BE097086.D

Acq: 25 Jul 2018 00:04

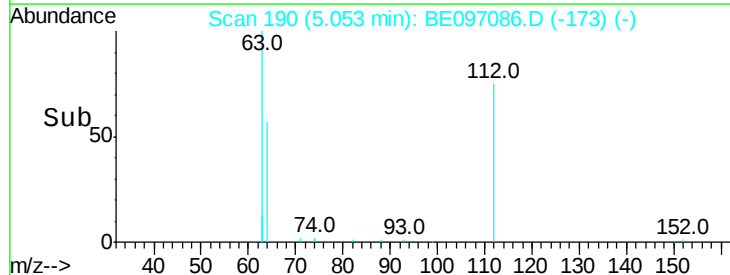
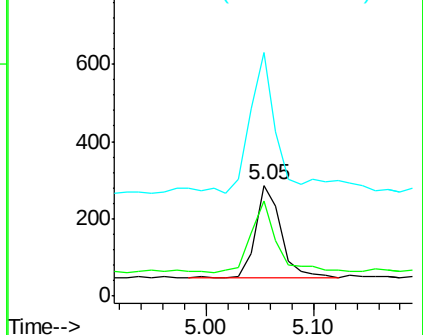
Tgt Ion:	112	Resp:	391
Ion	Ratio	Lower	Upper
112	100		
64	80.8	60.1	90.1
63	139.6	116.8	175.2

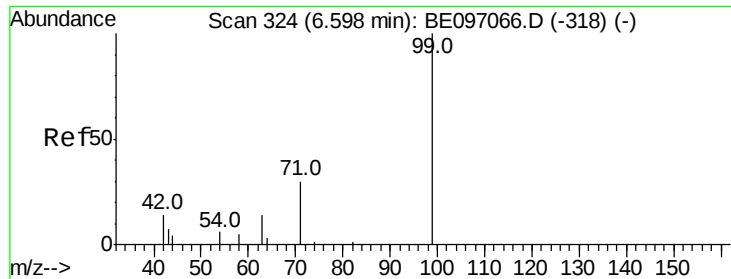


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.072 ng

RT: 6.60 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE097086.D

Acq: 25 Jul 2018 00:04

Instrument :

BNA_E

ClientSampled :

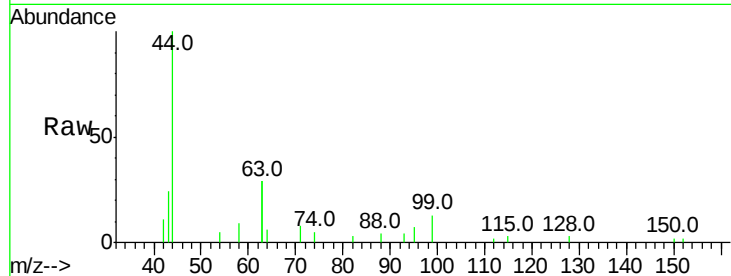
Tot Ion: 99 Resp: 410

Ion Ratio Lower Upper

99 100

42 112.7 20.2 30.2#

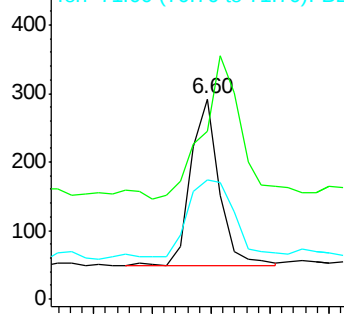
71 75.4 28.4 42.6#



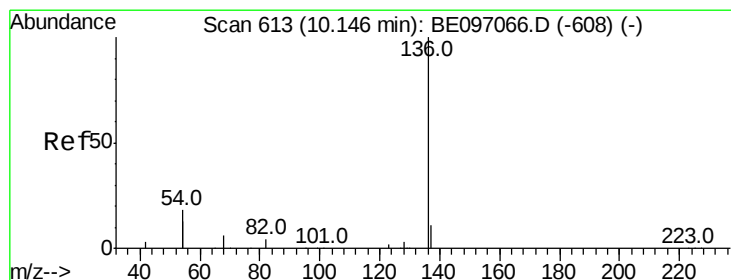
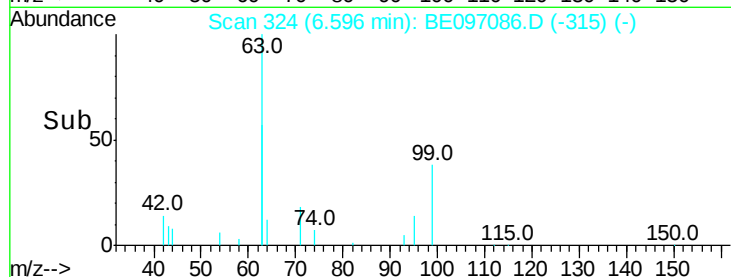
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. -0.00 min

Lab File: BE097086.D

Acq: 25 Jul 2018 00:04

Tgt Ion: 136 Resp: 6846

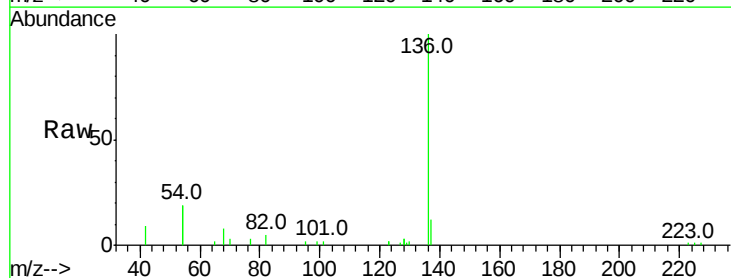
Ion Ratio Lower Upper

136 100

137 12.2 9.5 14.3

54 38.6 29.1 43.7

68 7.6 6.2 9.2

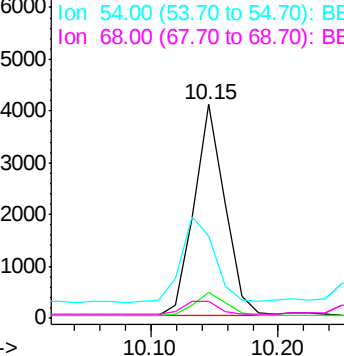


Abundance Ion 136.00 (135.70 to 136.70): E

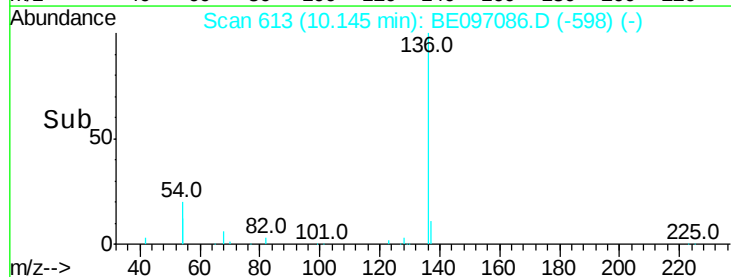
Ion 137.00 (136.70 to 137.70): E

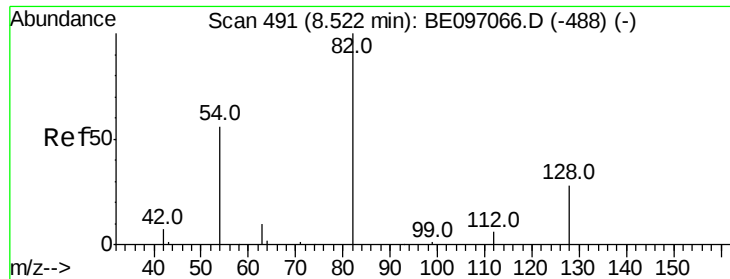
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->

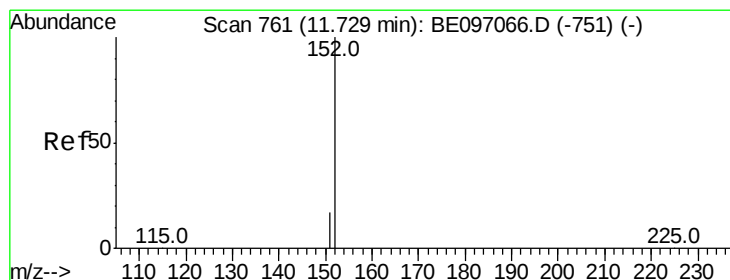
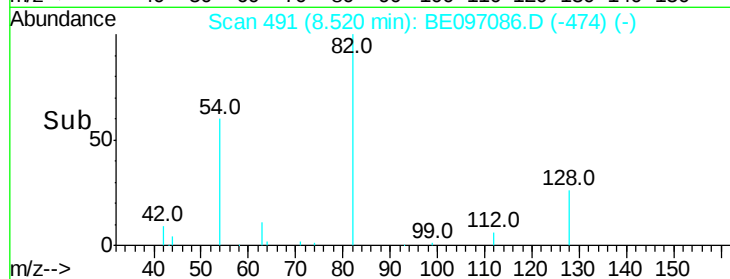
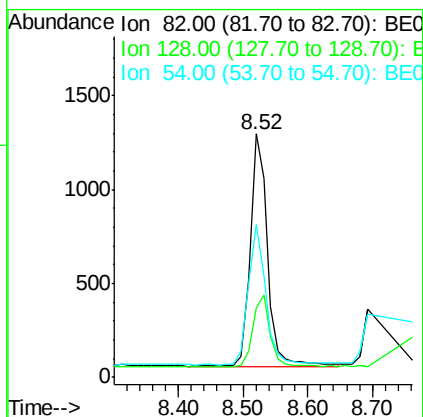
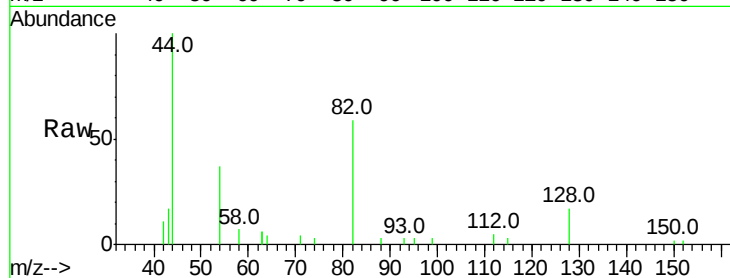




#8
 Nitrobenzene-d5
 Concen: 0.384 ng
 RT: 8.52 min Scan# 491
 Delta R.T. -0.00 min
 Lab File: BE097086.D
 Acq: 25 Jul 2018 00:04

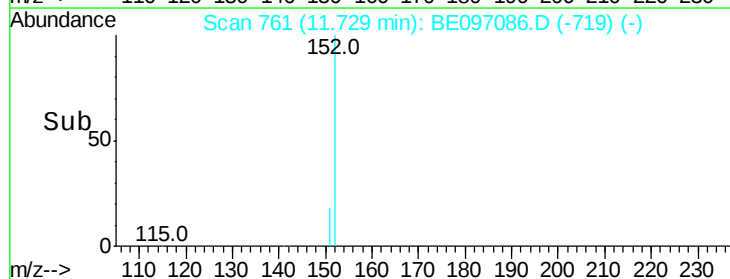
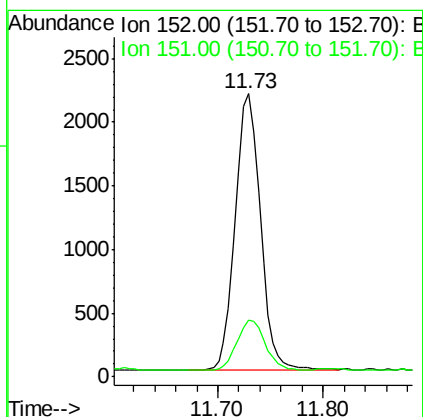
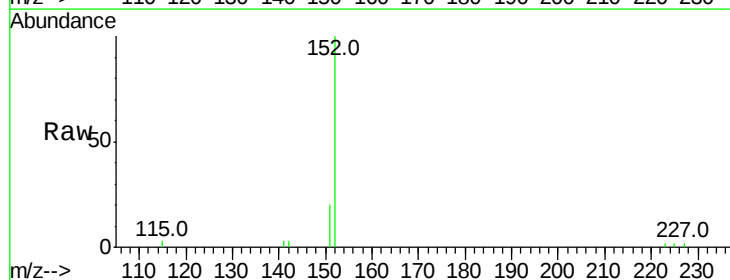
Instrument :
 BNA_E
 ClientSampleId :

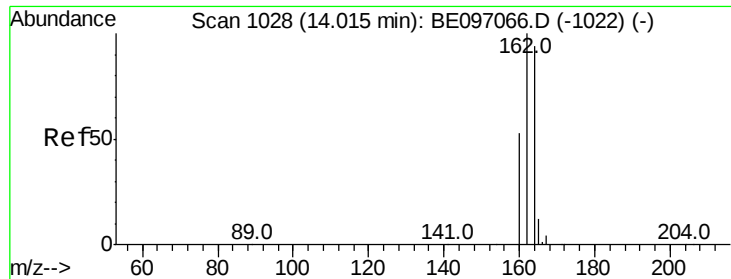
Tot Ion	82	Resp	2286
Ion	Ratio	Lower	Upper
82	100		
128	28.6	24.0	36.0
54	62.6	40.0	60.0#



#11
 2-Methylnaphthalene-d10
 Concen: 0.352 ng
 RT: 11.73 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BE097086.D
 Acq: 25 Jul 2018 00:04

Tgt Ion	152	Resp	3612
Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.4	23.0

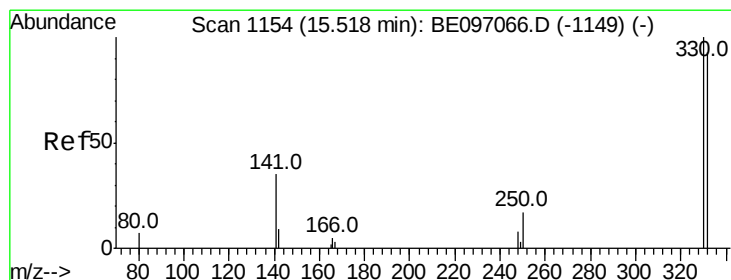
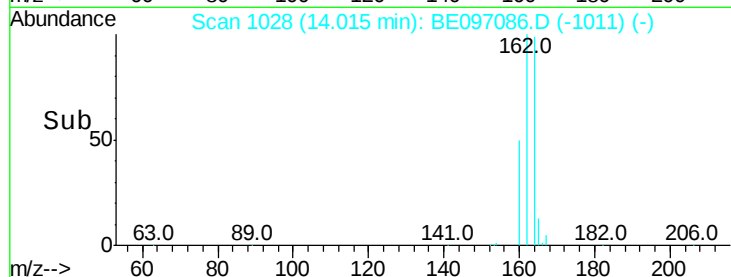
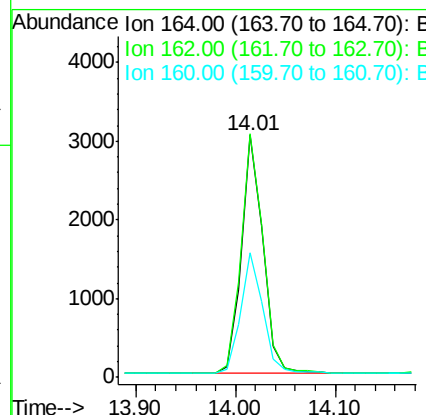
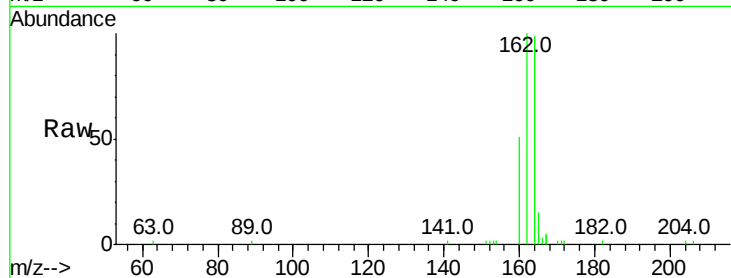




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.01 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BE097086.D
 Acq: 25 Jul 2018 00:04

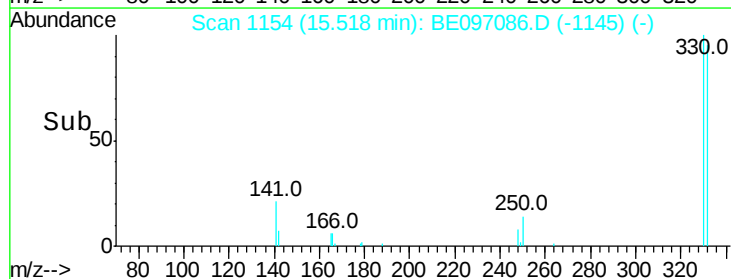
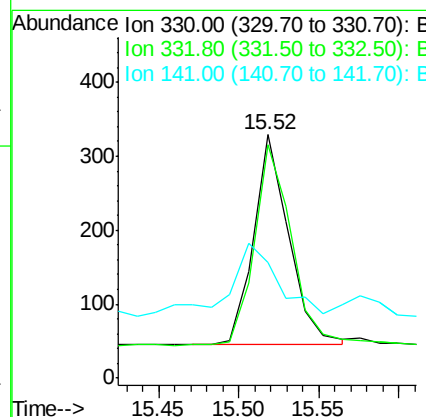
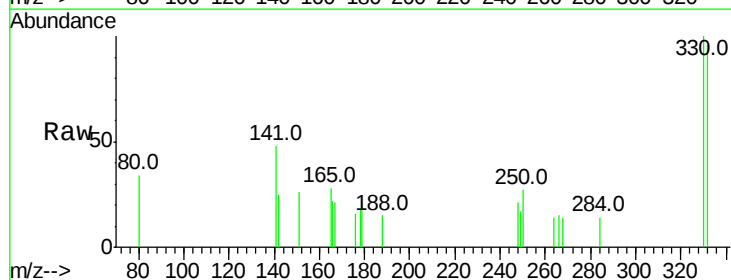
Instrument :
 BNA_E
 ClientSampleId :

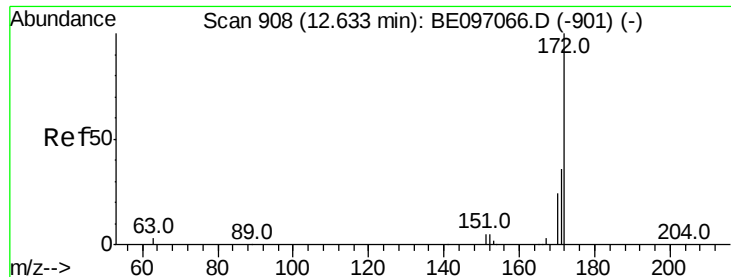
Tot Ion:164 Resp: 4530
 Ion Ratio Lower Upper
 164 100
 162 100.7 83.1 124.7
 160 51.7 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.292 ng
 RT: 15.52 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BE097086.D
 Acq: 25 Jul 2018 00:04

Tgt Ion:330 Resp: 435
 Ion Ratio Lower Upper
 330 100
 332 101.1 152.7 229.1#
 141 49.9 33.7 50.5

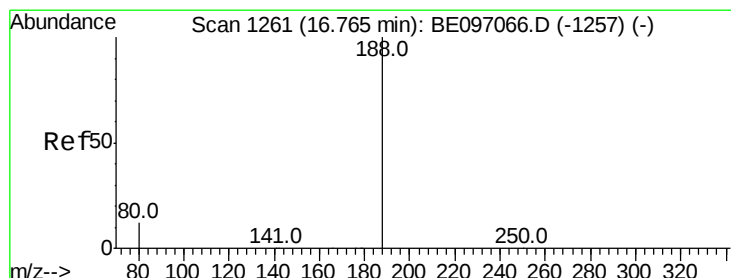
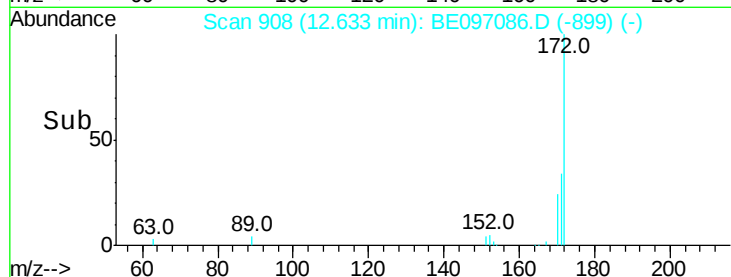
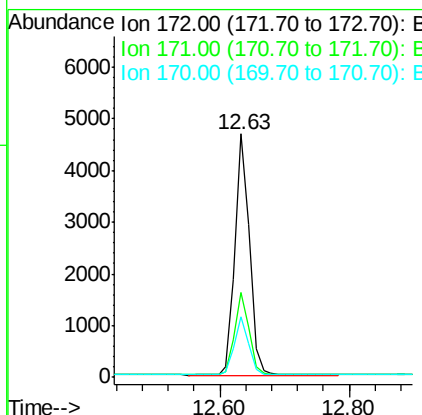
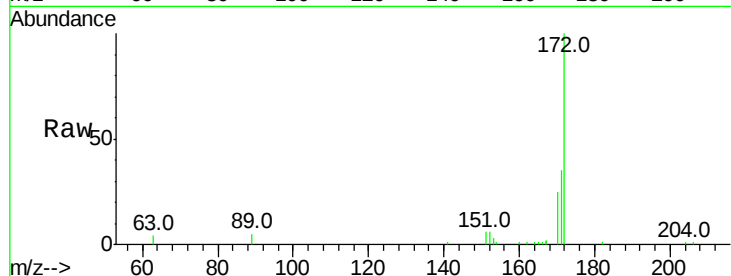




#15
2-Fluorobiphenyl
Concen: 0.457 ng
RT: 12.63 min Scan# 908
Delta R.T. -0.00 min
Lab File: BE097086.D
Acq: 25 Jul 2018 00:04

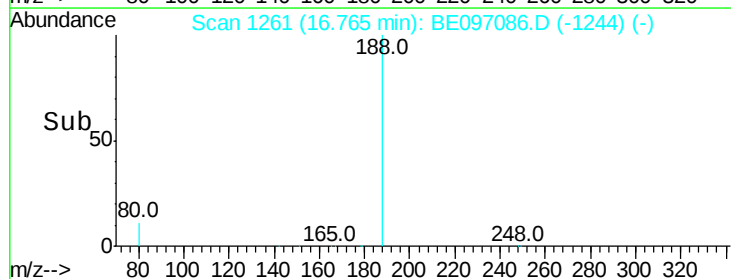
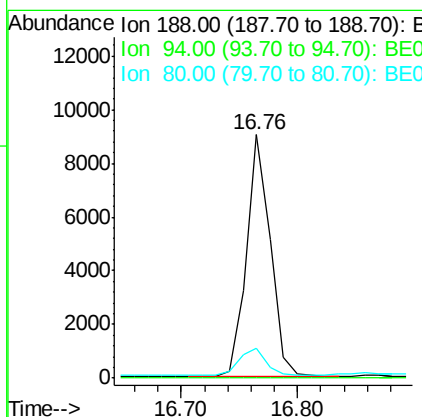
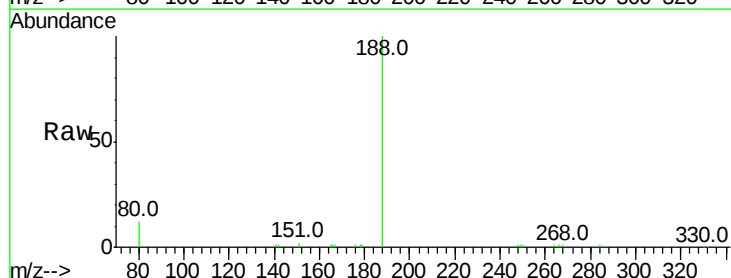
Instrument :
BNA_E
ClientSampleId :

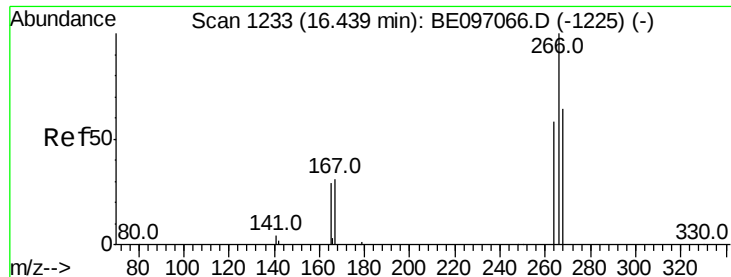
Tot Ion:172 Resp: 7155
Ion Ratio Lower Upper
172 100
171 34.7 29.9 44.9
170 24.7 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.76 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BE097086.D
Acq: 25 Jul 2018 00:04

Tgt Ion:188 Resp: 12913
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 12.2 3.6 5.4#



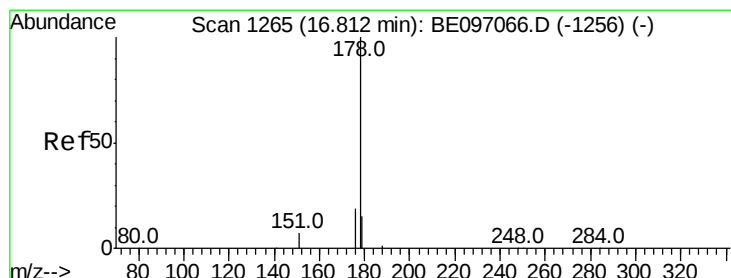
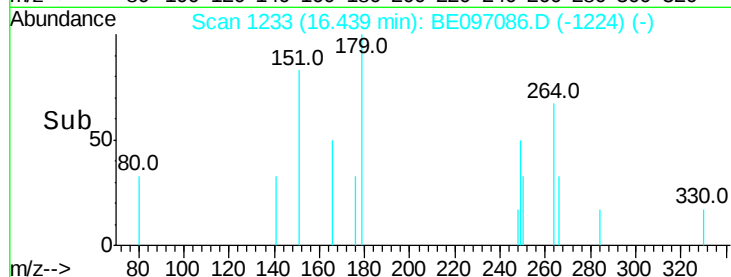
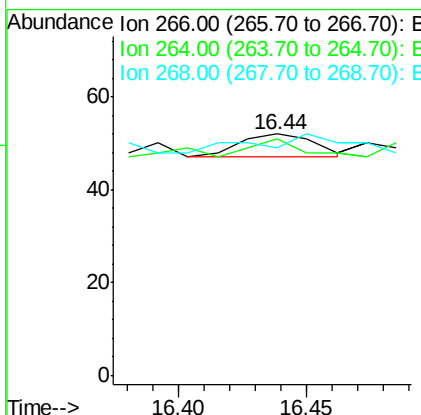
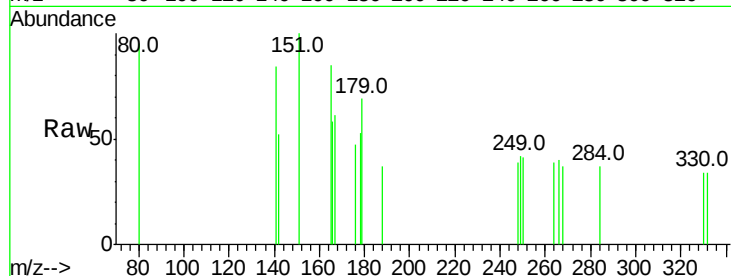


#22
 Pentachlorophenol
 Concen: 0.041 ng
 RT: 16.44 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BE097086.D
 Acq: 25 Jul 2018 00:04

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:266 Resp: 10

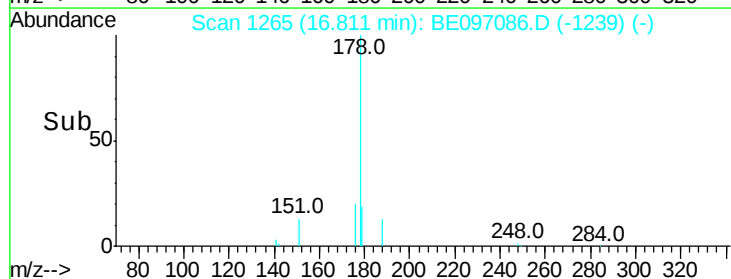
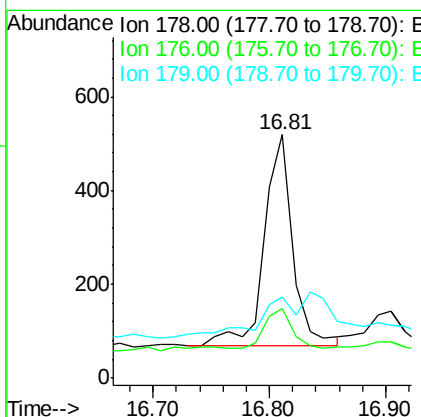
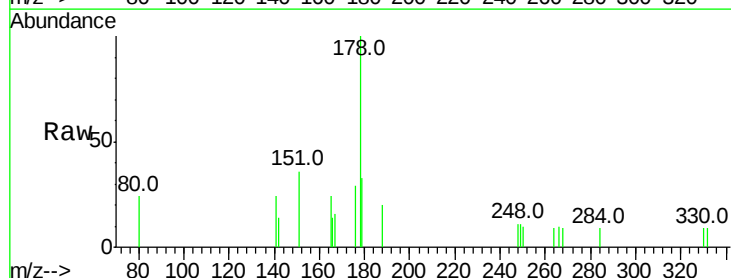
Ion	Ratio	Lower	Upper
266	100		
264	98.1	72.5	108.7
268	94.2	73.8	110.6

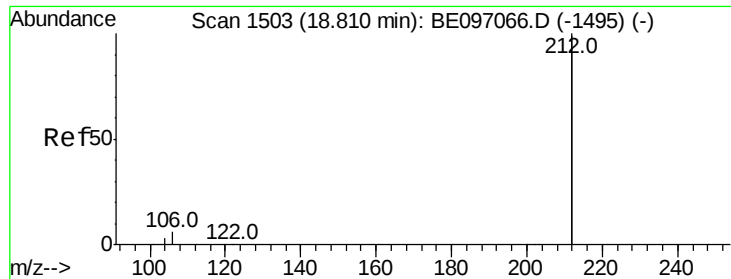


#23
 Phenanthrene
 Concen: 0.025 ng
 RT: 16.81 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BE097086.D
 Acq: 25 Jul 2018 00:04

Tgt Ion:178 Resp: 770

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.1	22.7
179	28.4	11.8	17.6#





#25

Fluoranthene-d10

Concen: 0.422 ng

RT: 18.81 min Scan# 1503

Delta R.T. -0.00 min

Lab File: BE097086.D

Acq: 25 Jul 2018 00:04

Instrument :

BNA_E

ClientSampleId :

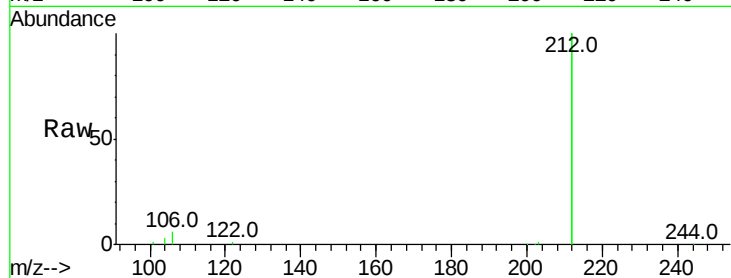
Tot Ion:212 Resp: 54585

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

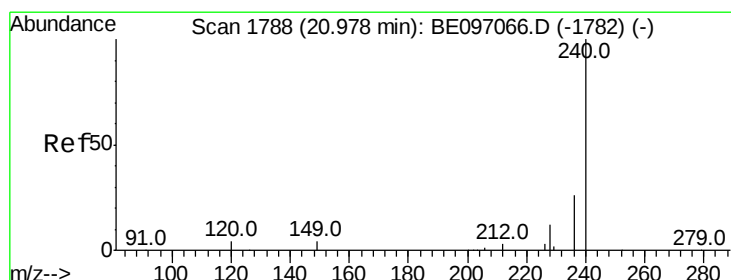
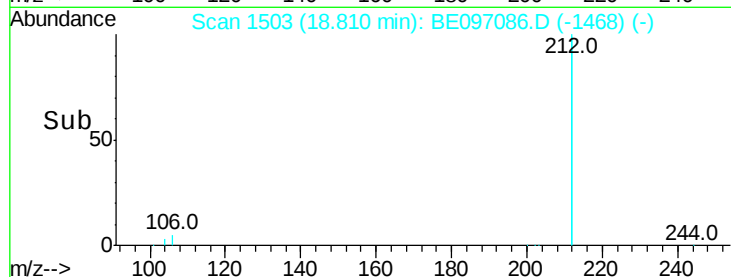
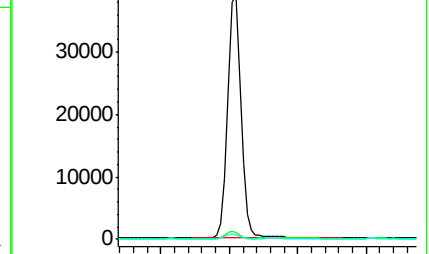
104 1.7 1.6 2.4



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: 20.97 min Scan# 1787

Delta R.T. -0.01 min

Lab File: BE097086.D

Acq: 25 Jul 2018 00:04

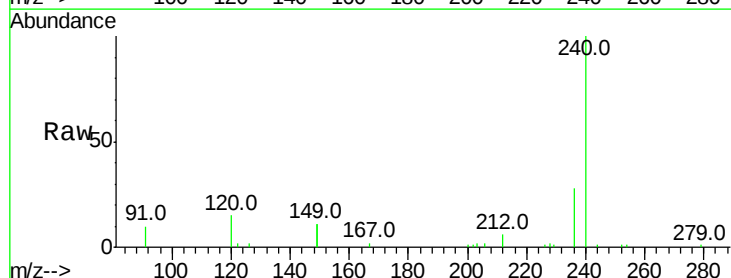
Tgt Ion:240 Resp: 14141

Ion Ratio Lower Upper

240 100

120 15.0 5.5 8.3#

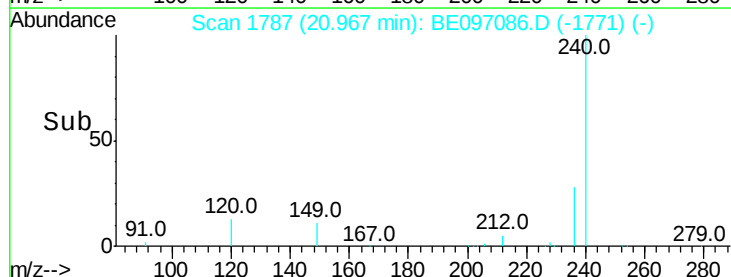
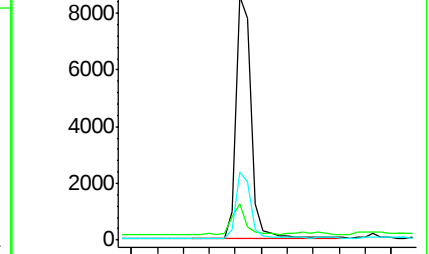
236 28.3 20.7 31.1

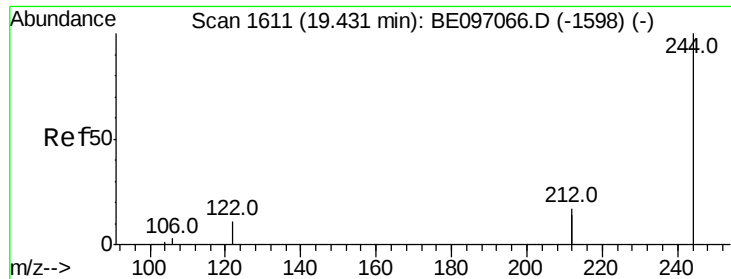


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

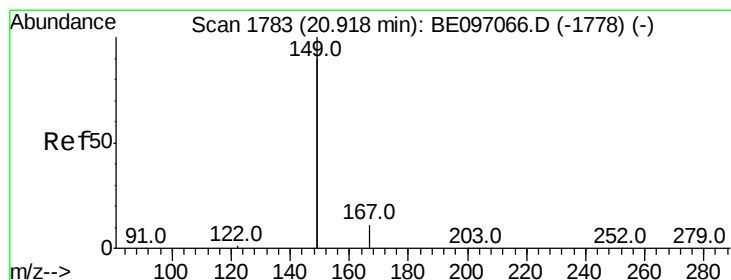
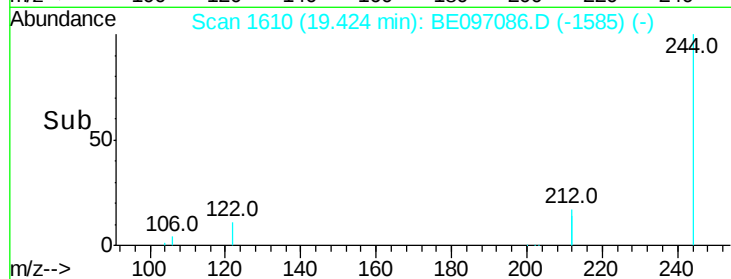
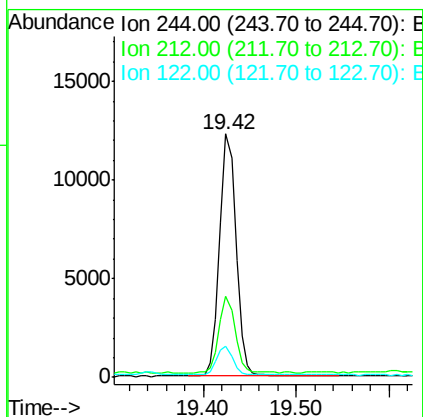
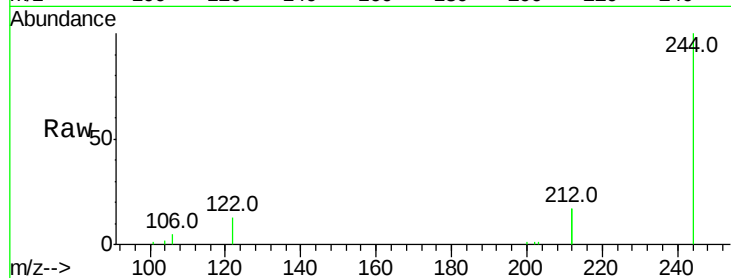




#29
 Terphenyl-d14
 Concen: 0.559 ng
 RT: 19.42 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BE097086.D
 Acq: 25 Jul 2018 00:04

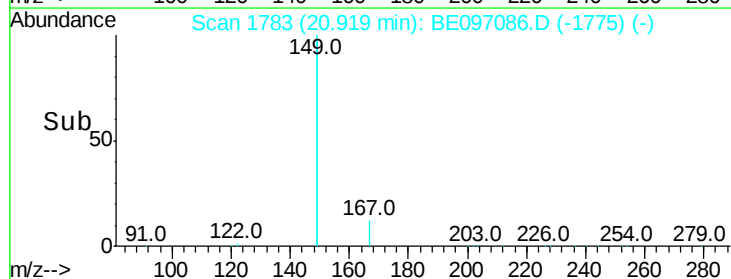
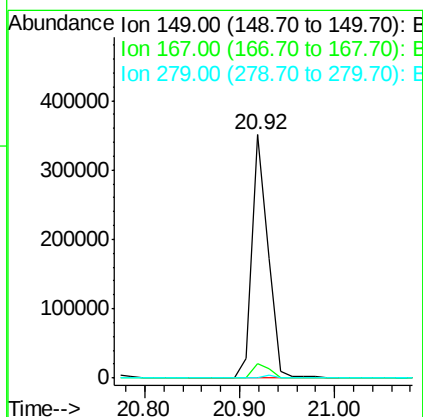
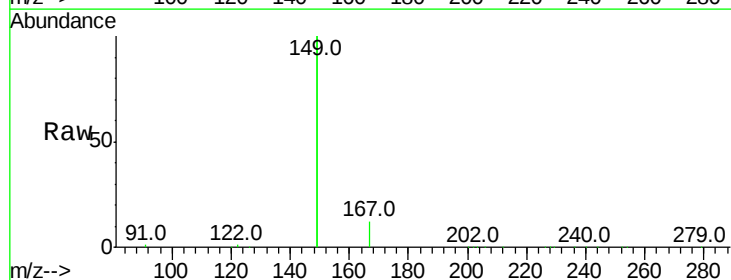
Instrument :
 BNA_E
 ClientSampleId :

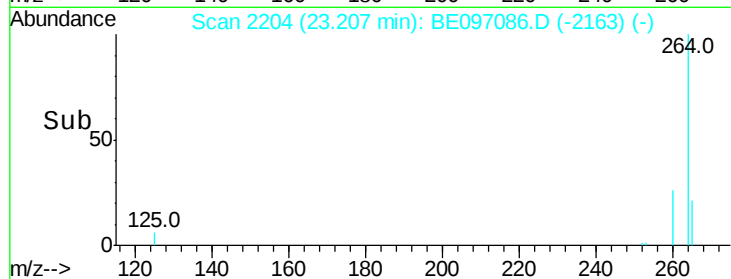
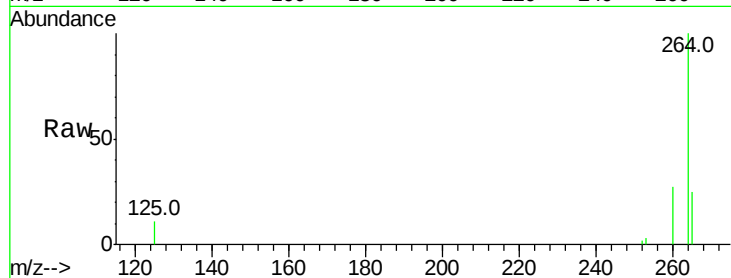
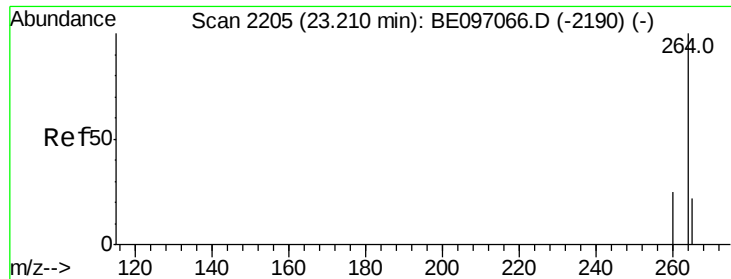
Tot Ion:244 Resp: 15176
 Ion Ratio Lower Upper
 244 100
 212 33.1 25.4 38.0
 122 12.6 8.1 12.1#



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 5.588 ng
 RT: 20.92 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: BE097086.D
 Acq: 25 Jul 2018 00:04

Tgt Ion:149 Resp: 407797
 Ion Ratio Lower Upper
 149 100
 167 6.6 5.4 8.0
 279 0.9 0.7 1.1





#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BE097086.D
Acq: 25 Jul 2018 00:04

Instrument :
BNA_E
ClientSampleId :

Tot Ion: 264 Resp: 13598
Ion Ratio Lower Upper
264 100
260 26.8 20.5 30.7
265 24.9 22.8 34.2

