

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092118\
 Data File : BE097638.D
 Acq On : 22 Sep 2018 8:06
 Operator : SJ/JU
 Sample : J4934-02DL 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 24 02:30:05 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	659	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	3101	0.40	ng	0.03
13) Acenaphthene-d10	14.01	164	2436	0.40	ng	0.01
19) Phenanthrene-d10	16.77	188	7840	0.40	ng	0.01
27) Chrysene-d12	20.97	240	8437	0.40	ng	0.00
34) Perylene-d12	23.21	264	8059	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.07	112	113	0.06	ng	0.01
5) Phenol-d6	6.62	99	6	0.00	ng	0.01
8) Nitrobenzene-d5	8.52	82	3	0.00	ng	0.00
11) 2-Methylnaphthalene-d10	11.79	152	476	0.11	ng	0.07
14) 2,4,6-Tribromophenol	15.53	330	134	0.21	ng	0.01
15) 2-Fluorobiphenyl	12.66	172	1138	0.13	ng	0.03
25) Fluoranthene-d10	18.82	212	9871	0.10	ng	0.01
29) Terphenyl-d14	19.42	244	2244	0.15	ng	0.00

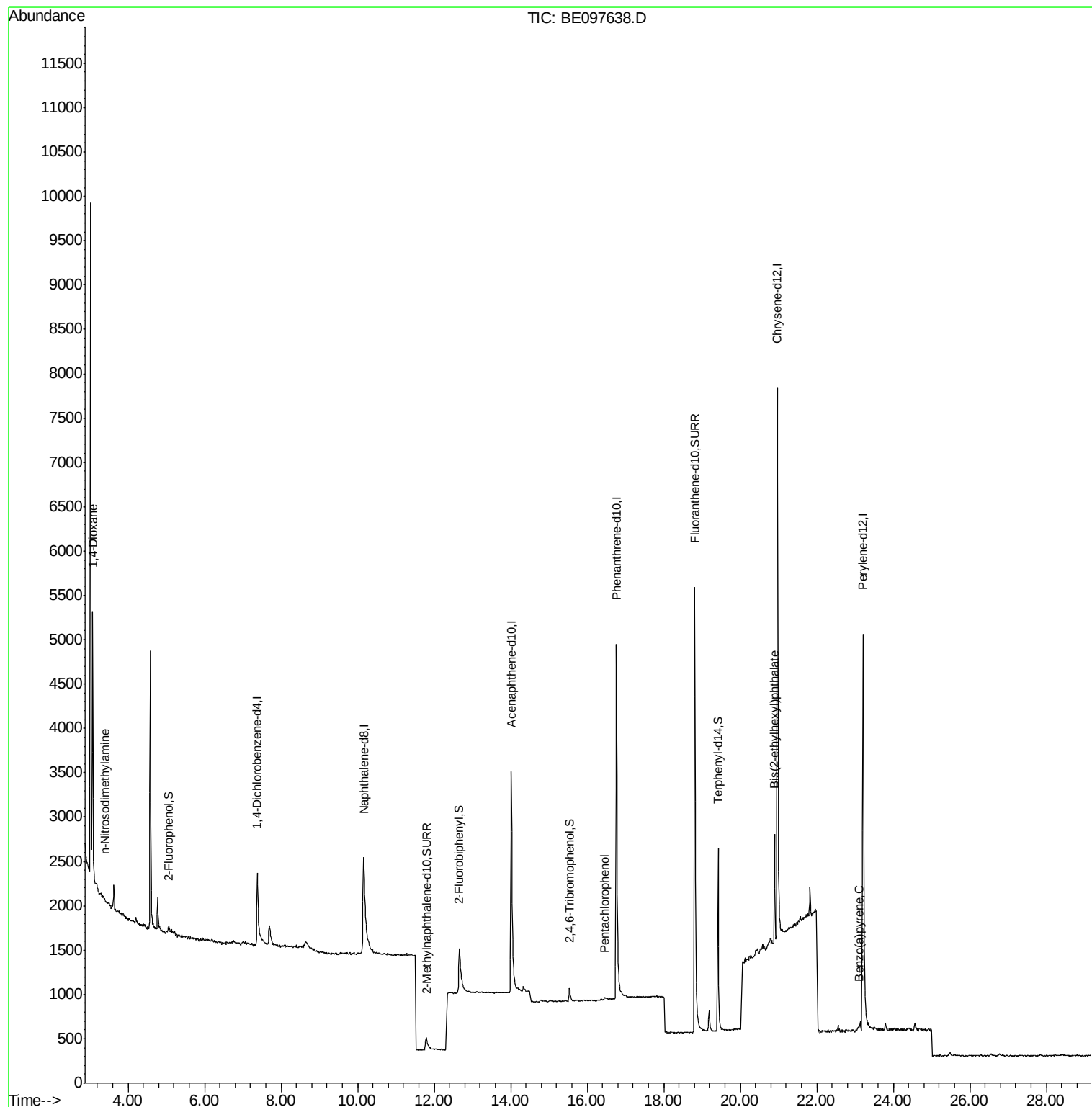
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.07	88	1724	1.663	ng	# 90
3) n-Nitrosodimethylamine	3.38	42	17	0.034	ng	# 38
22) Pentachlorophenol	16.46	266	18	0.140	ng	# 96
32) Bis(2-ethylhexyl)phthalate	20.89	149	1466	0.052	ng	# 100
37) Benzo(a)pyrene	23.11	252	6	0.021	ng	# 1

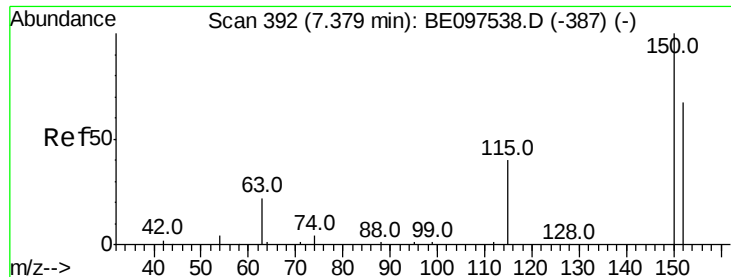
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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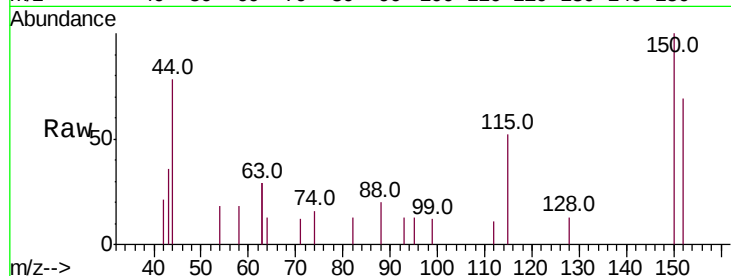


#1

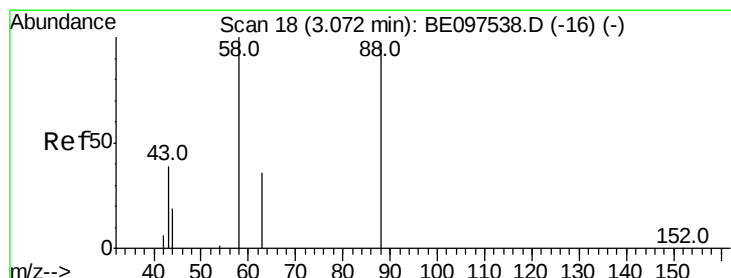
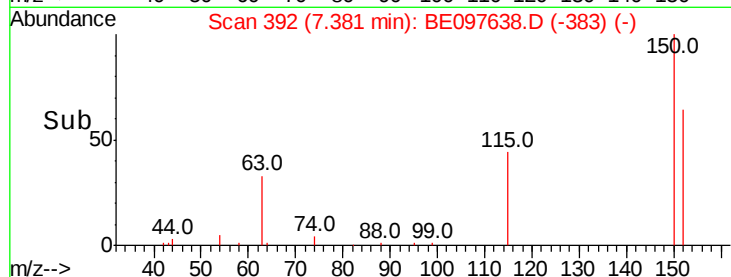
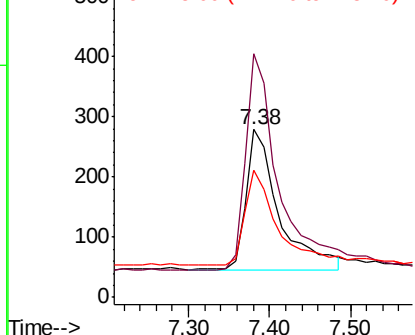
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097638.D
Acq: 22 Sep 2018 8:06

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 659
Ion Ratio Lower Upper
152 100
150 144.8 117.2 175.8
115 76.0 57.0 85.6



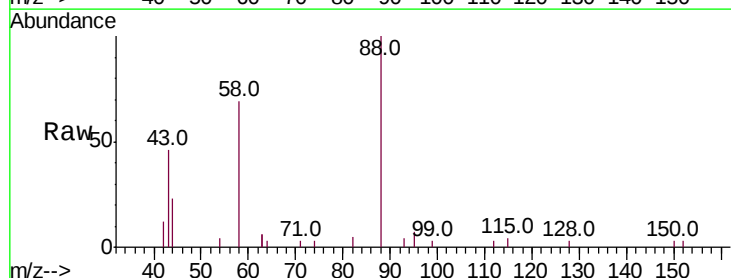
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



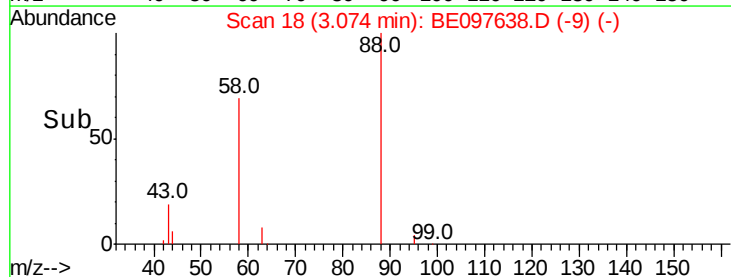
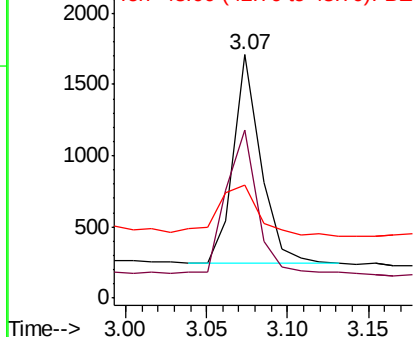
#2

1,4-Dioxane
Concen: 1.663 ng
RT: 3.07 min Scan# 18
Delta R.T. 0.00 min
Lab File: BE097638.D
Acq: 22 Sep 2018 8:06

Tgt Ion: 88 Resp: 1724
Ion Ratio Lower Upper
88 100
58 75.2 63.2 94.8
43 37.8 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: 0.034 ng

RT: 3.38 min Scan# 45

Delta R.T. 0.01 min

Lab File: BE097638.D

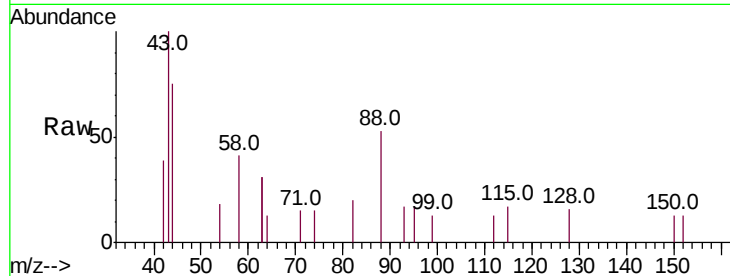
Acq: 22 Sep 2018 8:06

Instrument :

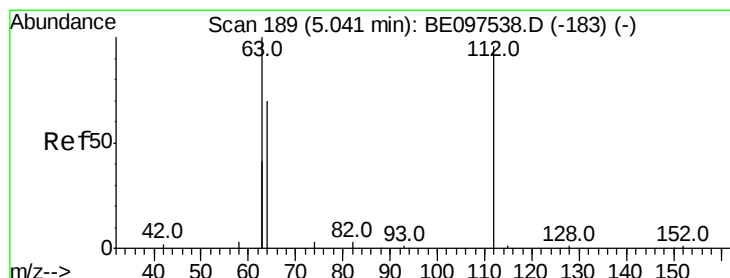
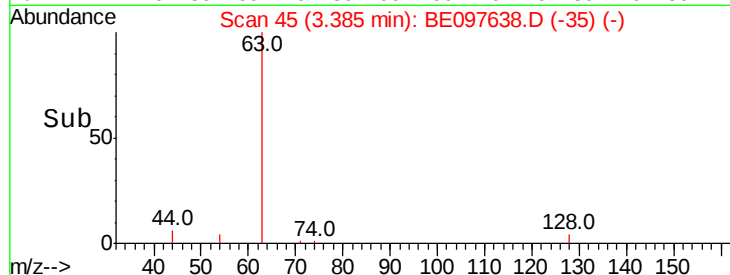
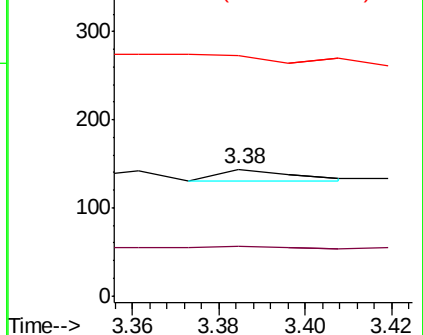
BNA_E

ClientSampleId :

Tot Ion:	42	Resp:	17
Ion	Ratio	Lower	Upper
42	100		
74	47.1	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: 0.057 ng

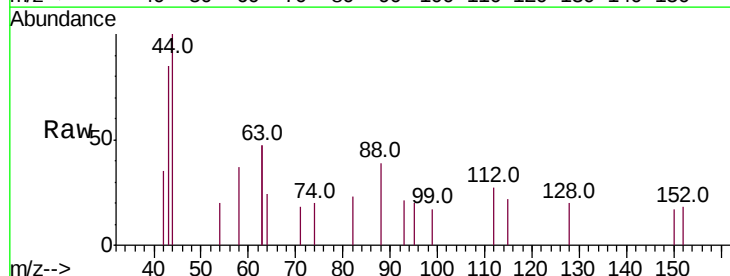
RT: 5.07 min Scan# 191

Delta R.T. 0.01 min

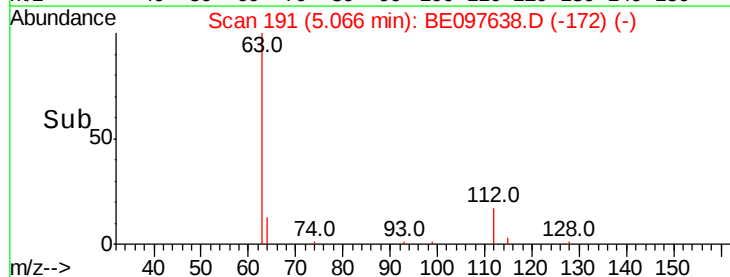
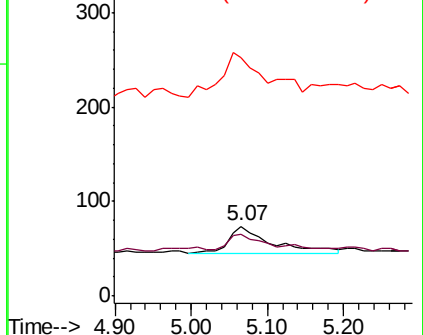
Lab File: BE097638.D

Acq: 22 Sep 2018 8:06

Tgt Ion:	112	Resp:	113
Ion	Ratio	Lower	Upper
112	100		
64	48.7	60.1	90.1#
63	176.1	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: 0.002 ng

RT: 6.62 min Scan# 326

Delta R.T. 0.01 min

Lab File: BE097638.D

Acq: 22 Sep 2018 8:06

Instrument :

BNA_E

ClientSampled :

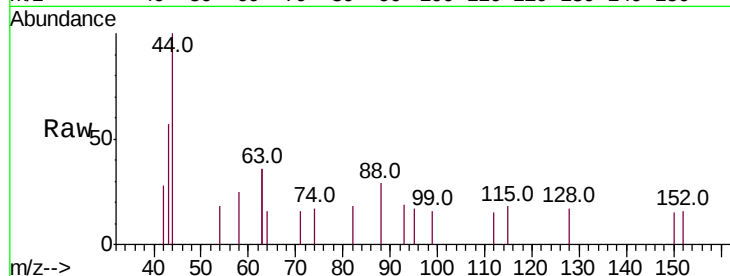
Tot Ion: 99 Resp: 6

Ion Ratio Lower Upper

99 100

42 0.0 20.2 30.2#

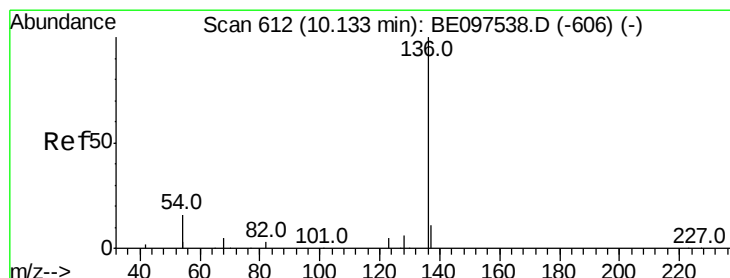
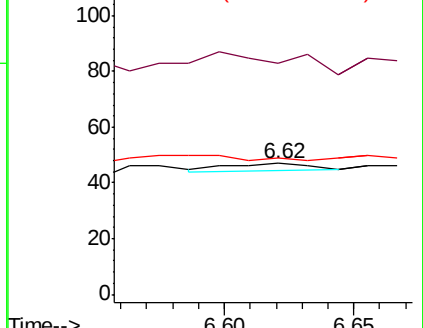
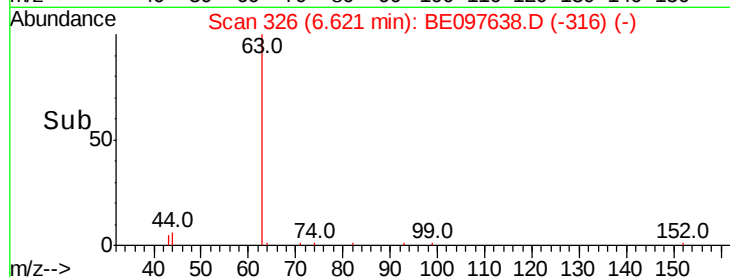
71 0.0 28.4 42.6#



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.16 min Scan# 614

Delta R.T. 0.03 min

Lab File: BE097638.D

Acq: 22 Sep 2018 8:06

Tgt Ion: 136 Resp: 3101

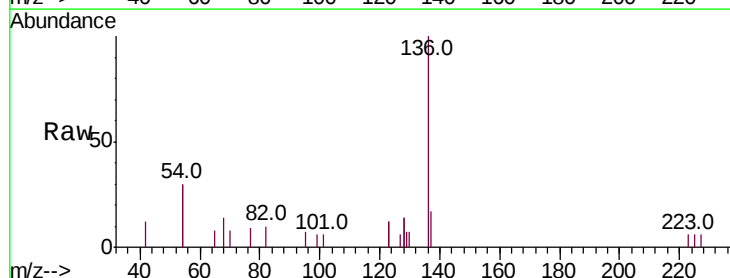
Ion Ratio Lower Upper

136 100

137 16.8 9.5 14.3#

54 59.5 29.1 43.7#

68 13.7 6.2 9.2#

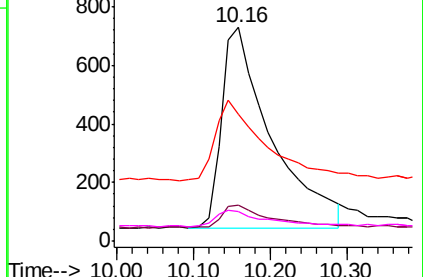
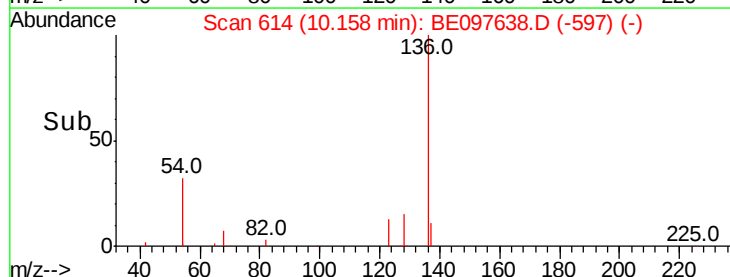


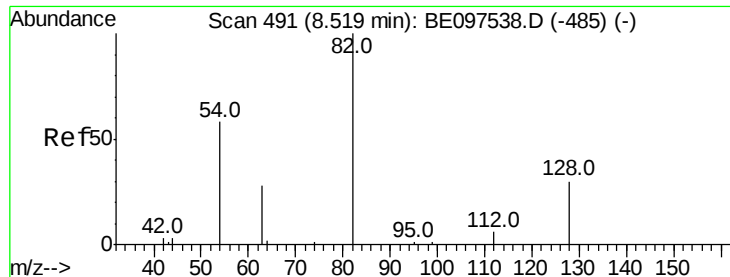
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.001 ng

RT: 8.52 min Scan# 491

Delta R.T. -0.01 min

Lab File: BE097638.D

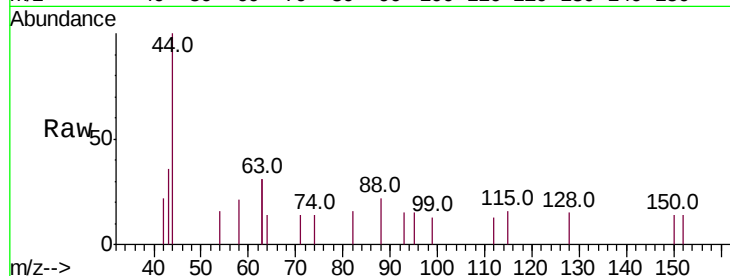
Acq: 22 Sep 2018 8:06

Instrument :

BNA_E

ClientSampleId :

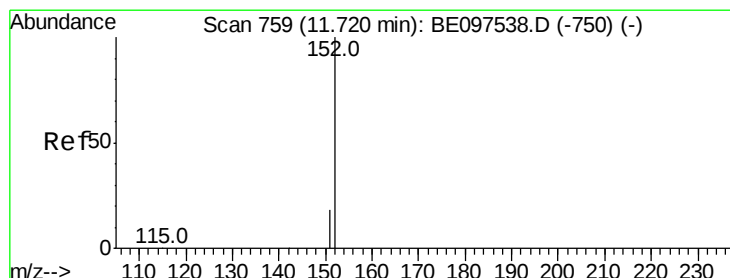
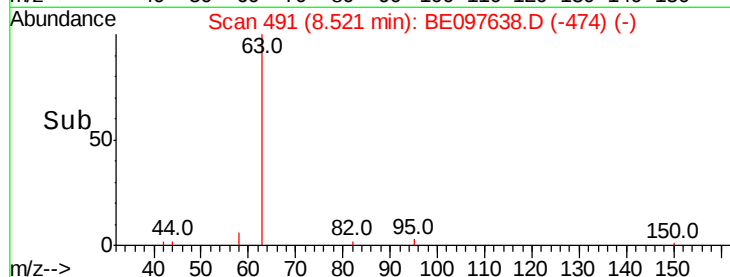
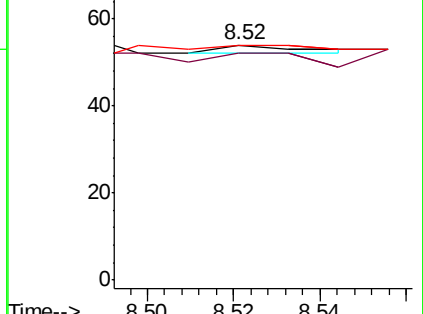
Tot Ion:	82	Resp:	3
Ion	Ratio	Lower	Upper
82	100		
128	96.3	24.0	36.0#
54	100.0	40.0	60.0#



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



#11

2-Methylnaphthalene-d10

Concen: 0.111 ng

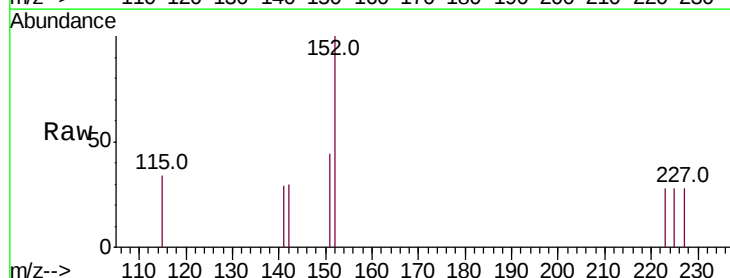
RT: 11.79 min Scan# 773

Delta R.T. 0.07 min

Lab File: BE097638.D

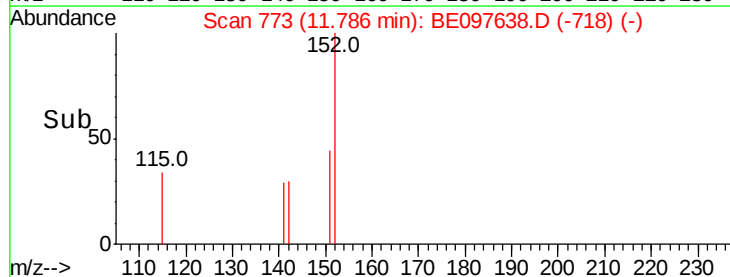
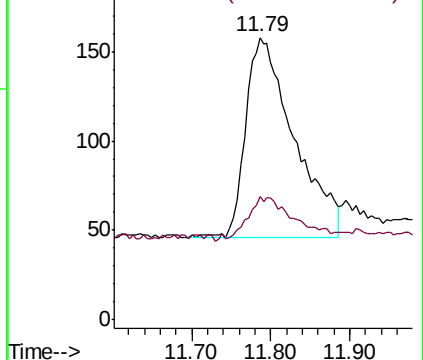
Acq: 22 Sep 2018 8:06

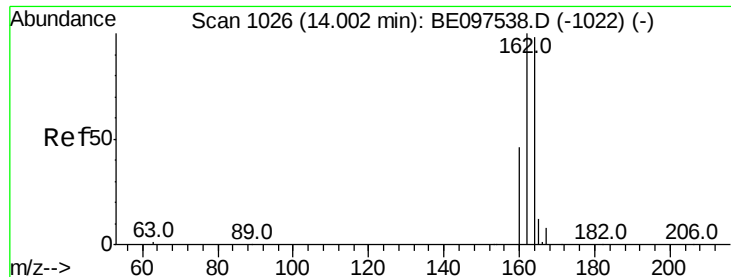
Tgt Ion:	152	Resp:	476
Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.4	23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

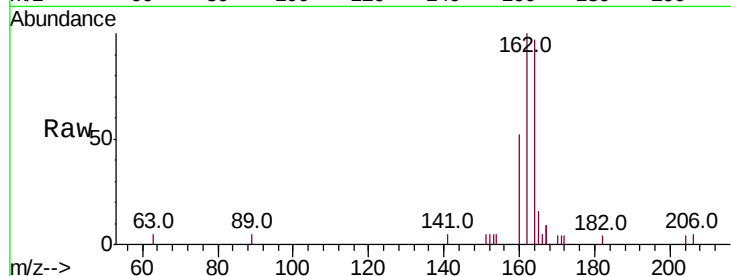




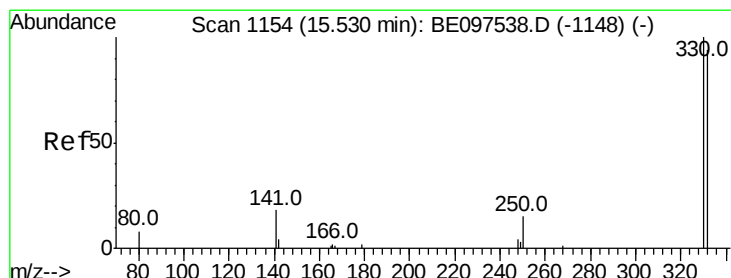
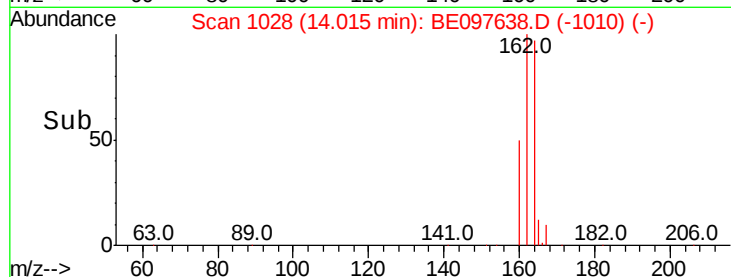
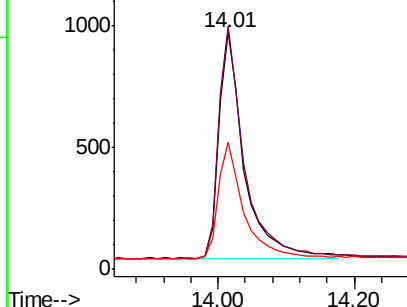
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.01 min Scan# 1028
 Delta R.T. 0.01 min
 Lab File: BE097638.D
 Acq: 22 Sep 2018 8:06

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:164 Resp: 2436
 Ion Ratio Lower Upper
 164 100
 162 102.8 83.1 124.7
 160 53.7 37.1 55.7

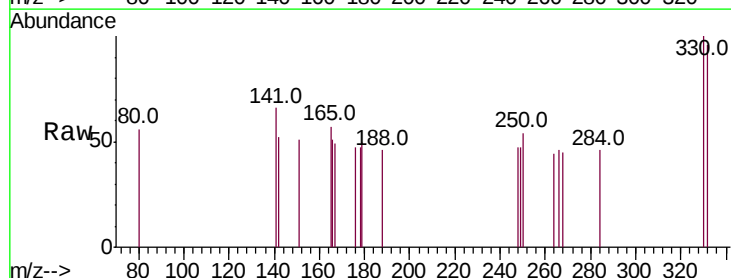


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

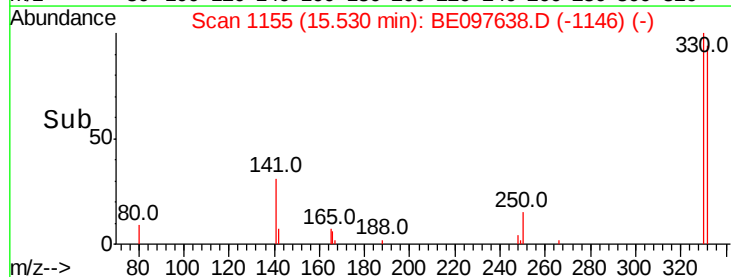
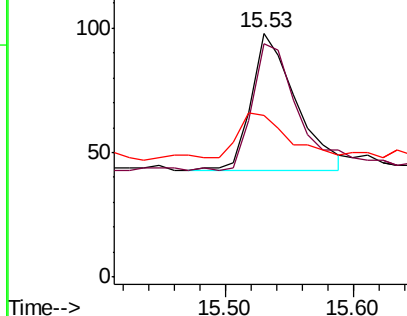


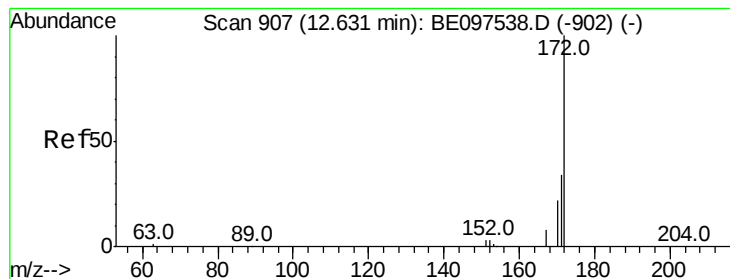
#14
 2,4,6-Tribromophenol
 Concen: 0.212 ng
 RT: 15.53 min Scan# 1155
 Delta R.T. 0.01 min
 Lab File: BE097638.D
 Acq: 22 Sep 2018 8:06

Tgt Ion:330 Resp: 134
 Ion Ratio Lower Upper
 330 100
 332 89.6 152.7 229.1#
 141 35.1 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: 0.132 ng

RT: 12.66 min Scan# 910

Delta R.T. 0.03 min

Lab File: BE097638.D

Acq: 22 Sep 2018 8:06

Instrument :

BNA_E

ClientSampleId :

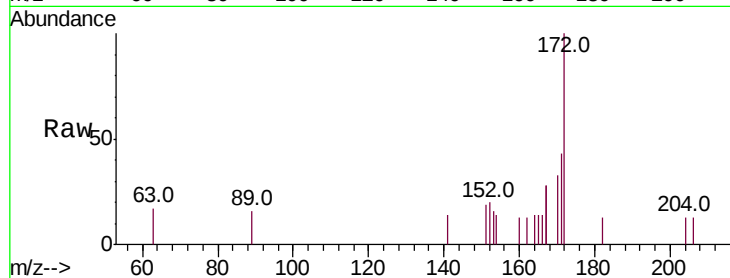
Tot Ion:172 Resp: 1138

Ion Ratio Lower Upper

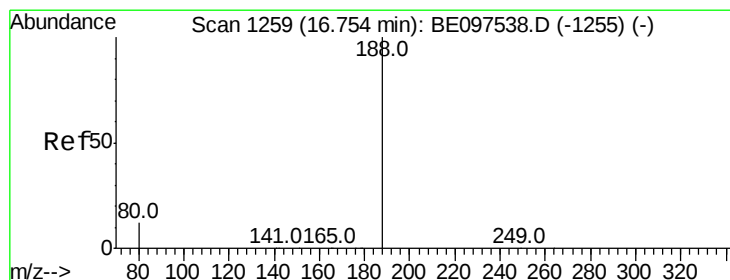
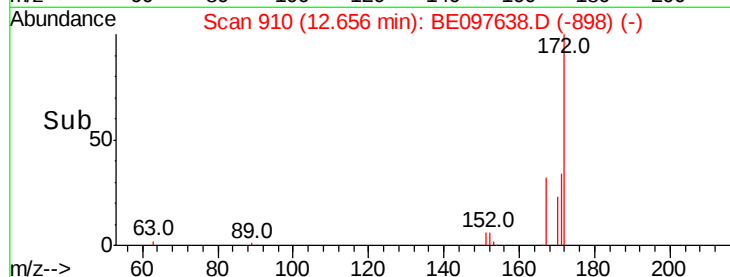
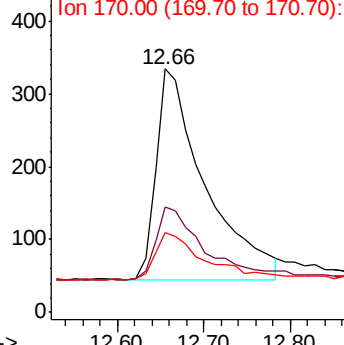
172 100

171 43.1 29.9 44.9

170 32.9 21.8 32.8#



Abundance Ion 172.00 (171.70 to 172.70): E



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.77 min Scan# 1261

Delta R.T. 0.01 min

Lab File: BE097638.D

Acq: 22 Sep 2018 8:06

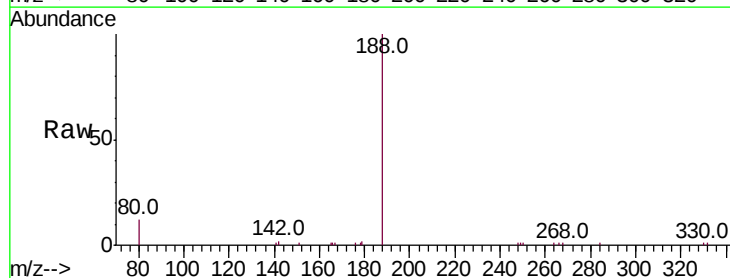
Tgt Ion:188 Resp: 7840

Ion Ratio Lower Upper

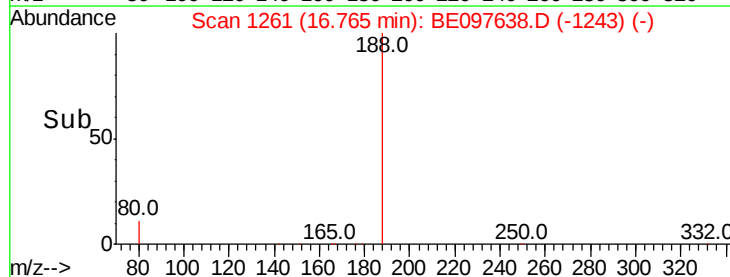
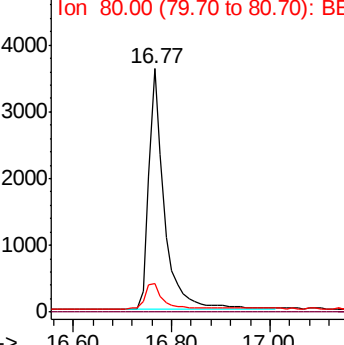
188 100

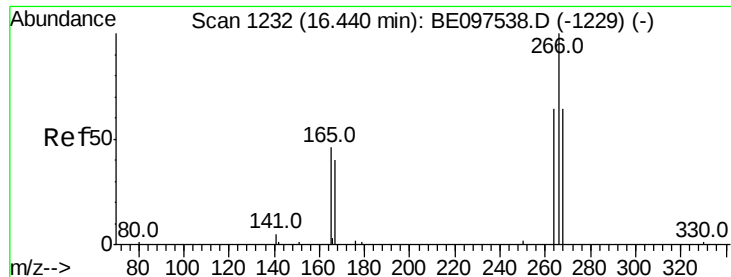
94 0.0 3.9 5.9#

80 11.8 3.6 5.4#



Abundance Ion 188.00 (187.70 to 188.70): E





#22

Pentachlorophenol

Concen: 0.140 ng

RT: 16.46 min Scan# 1235

Delta R.T. 0.02 min

Lab File: BE097638.D

Acq: 22 Sep 2018 8:06

Instrument :

BNA_E

ClientSampleId :

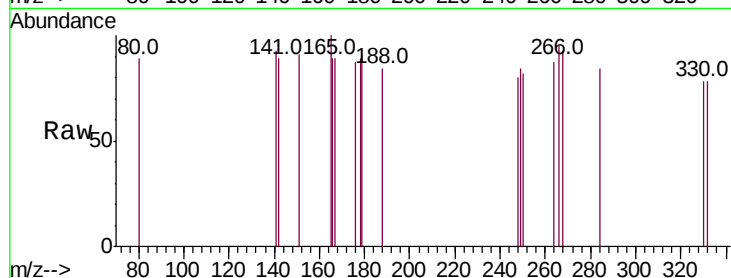
Tot Ion:266 Resp: 18

Ion Ratio Lower Upper

266 100

264 92.3 72.5 108.7

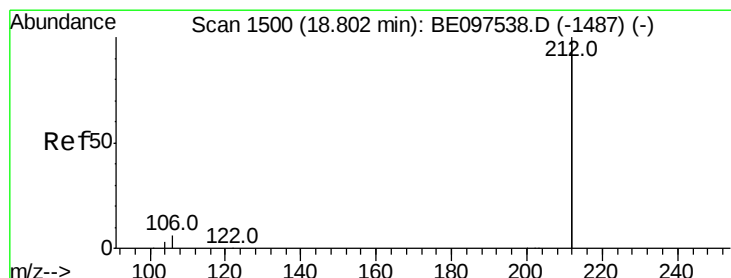
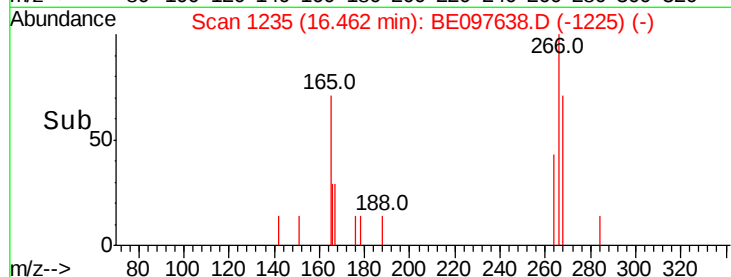
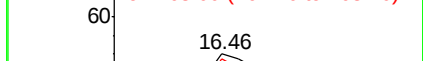
268 98.1 73.8 110.6



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: 0.098 ng

RT: 18.82 min Scan# 1504

Delta R.T. 0.01 min

Lab File: BE097638.D

Acq: 22 Sep 2018 8:06

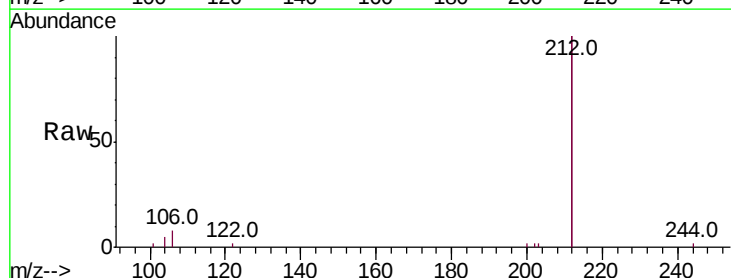
Tgt Ion:212 Resp: 9871

Ion Ratio Lower Upper

212 100

106 3.4 2.8 4.2

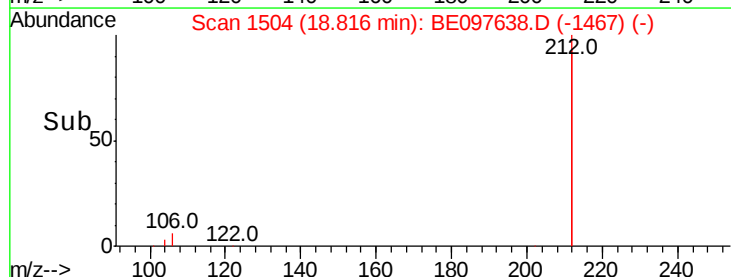
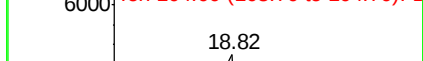
104 1.8 1.6 2.4



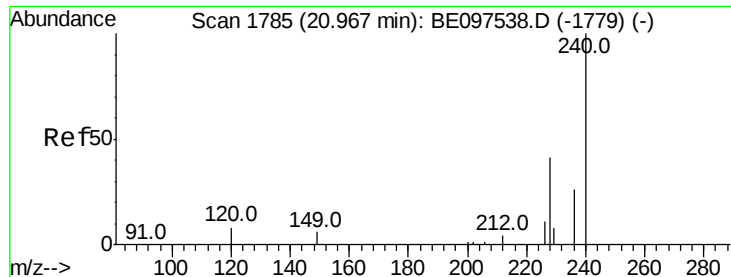
Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->



#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.97 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BE097638.D

Acq: 22 Sep 2018 8:06

Instrument :

BNA_E

ClientSampleId :

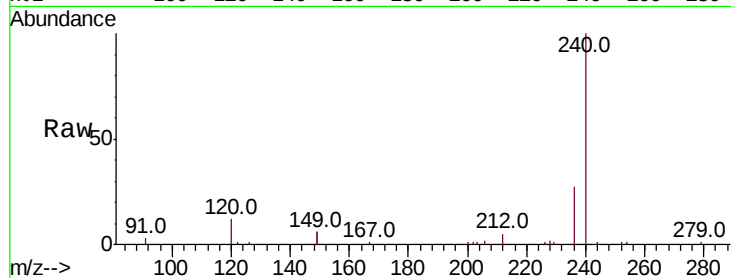
Tot Ion:240 Resp: 8437

Ion Ratio Lower Upper

240 100

120 12.3 5.5 8.3#

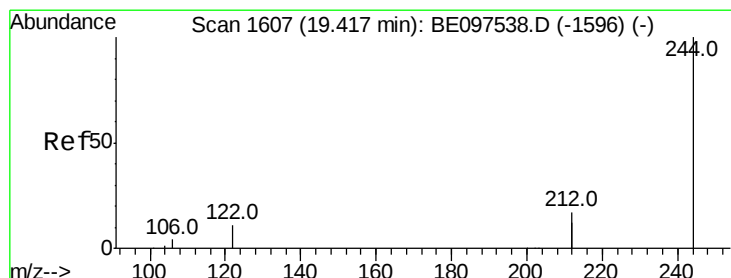
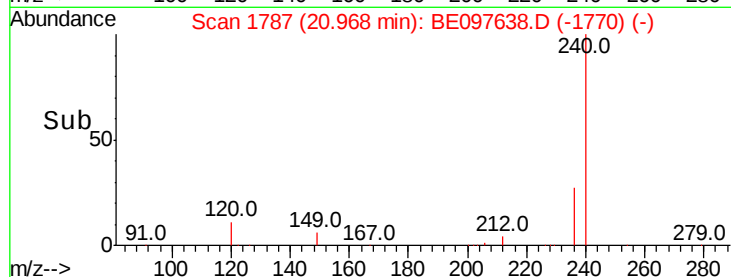
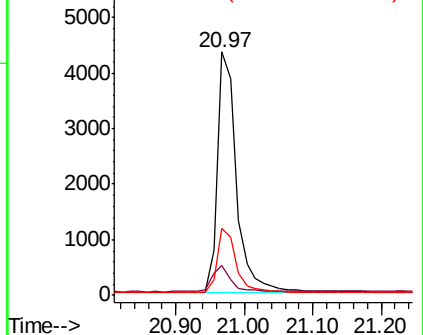
236 27.3 20.7 31.1



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: 0.145 ng

RT: 19.42 min Scan# 1609

Delta R.T. 0.00 min

Lab File: BE097638.D

Acq: 22 Sep 2018 8:06

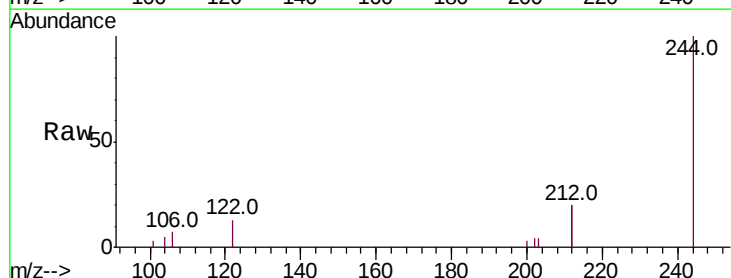
Tgt Ion:244 Resp: 2244

Ion Ratio Lower Upper

244 100

212 40.4 25.4 38.0#

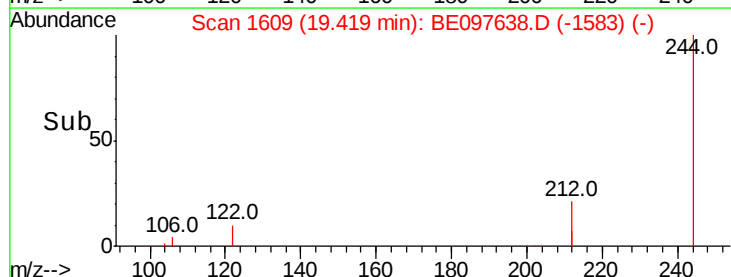
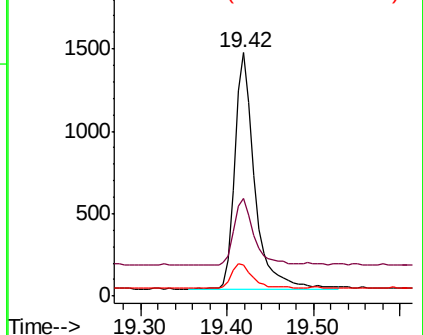
122 13.1 8.1 12.1#

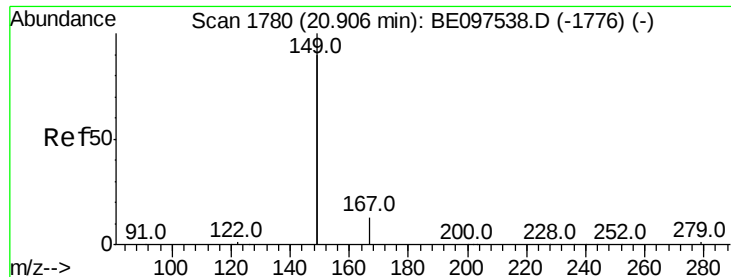


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

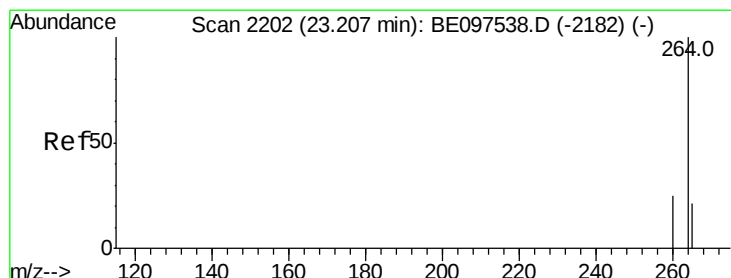
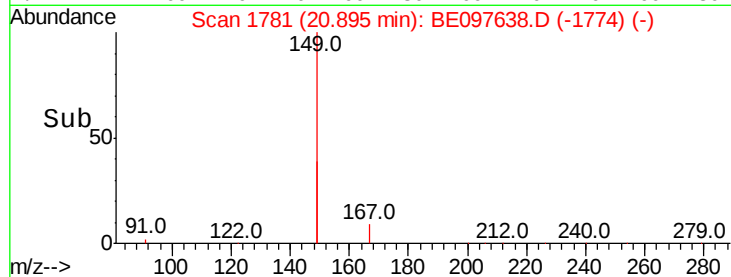
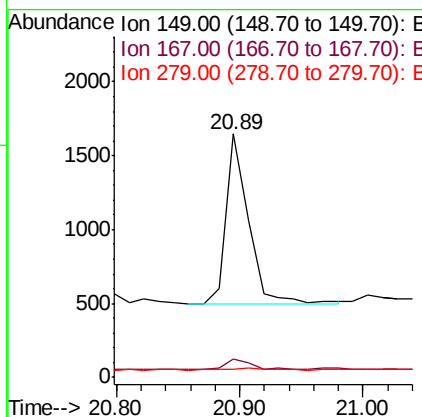
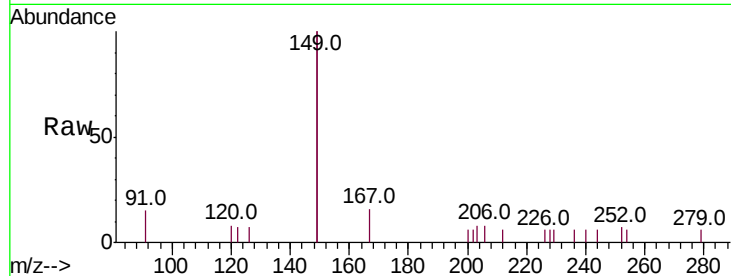




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.052 ng
 RT: 20.89 min Scan# 1781
 Delta R.T. -0.01 min
 Lab File: BE097638.D
 Acq: 22 Sep 2018 8:06

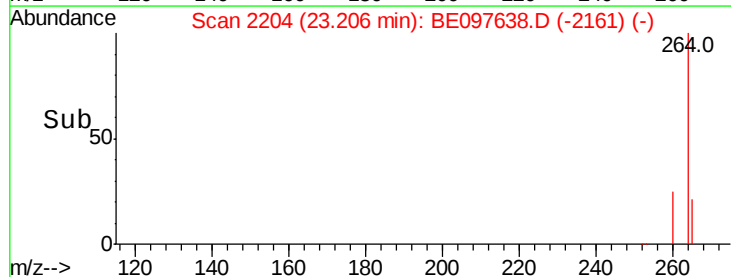
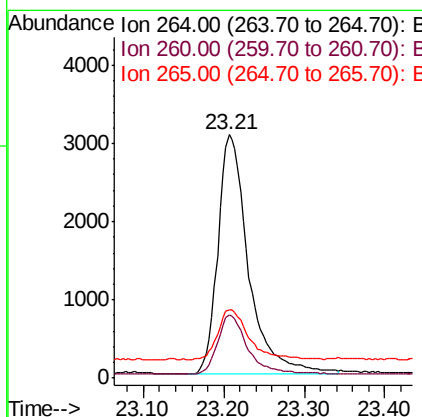
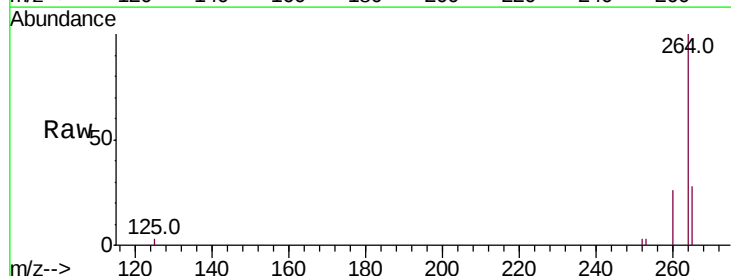
Instrument :
 BNA_E
 ClientSampleId :

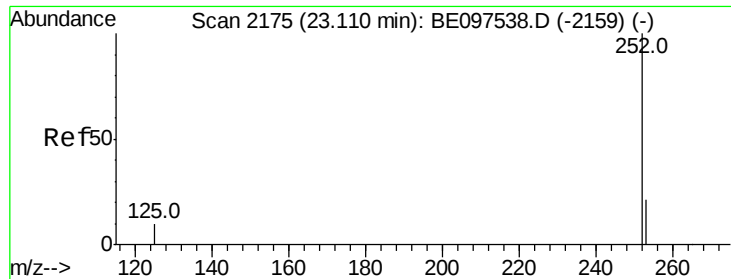
Tot Ion:149 Resp: 1466
 Ion Ratio Lower Upper
 149 100
 167 6.6 5.4 8.0
 279 1.6 0.7 1.1#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BE097638.D
 Acq: 22 Sep 2018 8:06

Tgt Ion:264 Resp: 8059
 Ion Ratio Lower Upper
 264 100
 260 25.9 20.5 30.7
 265 27.9 22.8 34.2





#37

Benzo(a)pyrene

Concen: 0.021 ng

RT: 23.11 min Scan# 2177

Delta R.T. 0.00 min

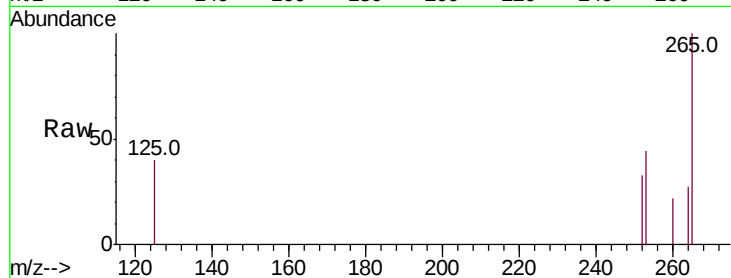
Lab File: BE097638.D

Acq: 22 Sep 2018 8:06

Instrument :

BNA_E

ClientSampleId :



Tot Ion:	252	Resp:	6
Ion	Ratio	Lower	Upper
252	100		
253	133.3	16.0	24.0#
125	119.2	12.0	18.0#

