

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092118\
 Data File : BE097620.D
 Acq On : 21 Sep 2018 20:22
 Operator : SJ/JU
 Sample : PB112884BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 22 04:09:16 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	837	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	3486	0.40	ng	0.03
13) Acenaphthene-d10	14.03	164	1901	0.40	ng	0.02
19) Phenanthrene-d10	16.78	188	5169	0.40	ng	0.02
27) Chrysene-d12	20.98	240	7129	0.40	ng	0.01
34) Perylene-d12	23.21	264	7400	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.07	112	1045	0.42	ng	0.01
5) Phenol-d6	6.66	99	500	0.16	ng	0.05
8) Nitrobenzene-d5	8.59	82	773	0.29	ng	0.06
11) 2-Methylnaphthalene-d10	11.77	152	2097	0.44	ng	0.06
14) 2,4,6-Tribromophenol	15.57	330	199	0.31	ng	0.05
15) 2-Fluorobiphenyl	12.67	172	3353	0.50	ng	0.05
25) Fluoranthene-d10	18.82	212	29189	0.44	ng	0.01
29) Terphenyl-d14	19.43	244	6309	0.48	ng	0.00

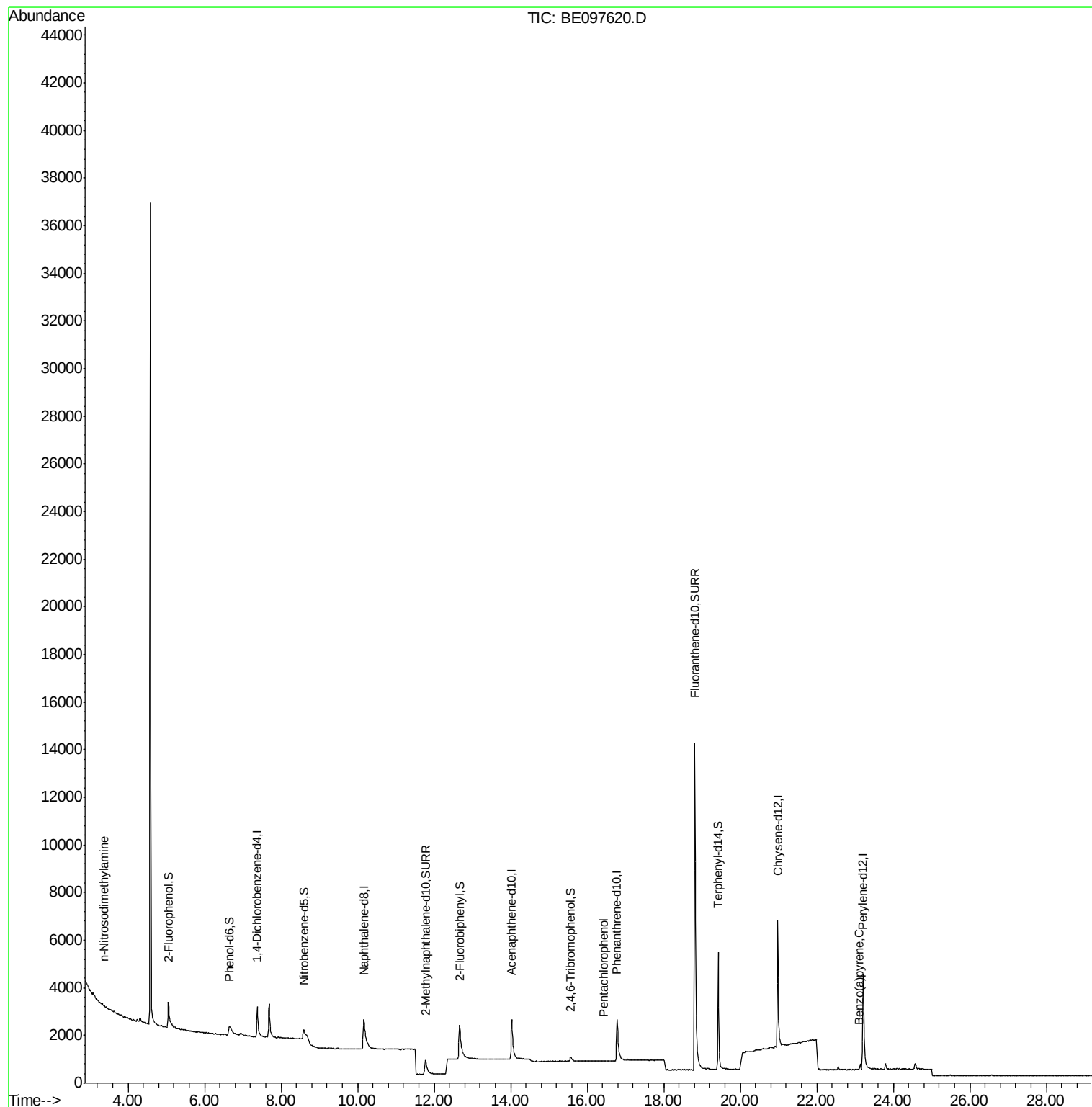
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.37	42	14	0.028	ng	# 1
22) Pentachlorophenol	16.44	266	2	0.131	ng	93
37) Benzo(a)pyrene	23.10	252	1	0.021	ng	# 1

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

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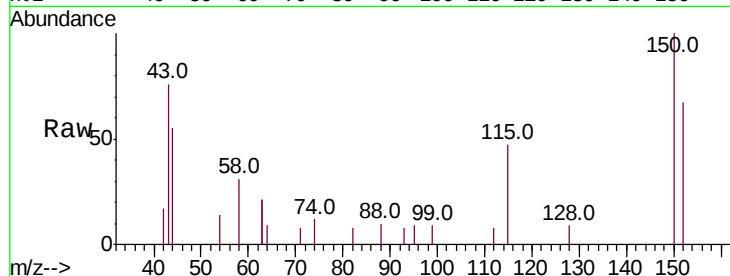


#1

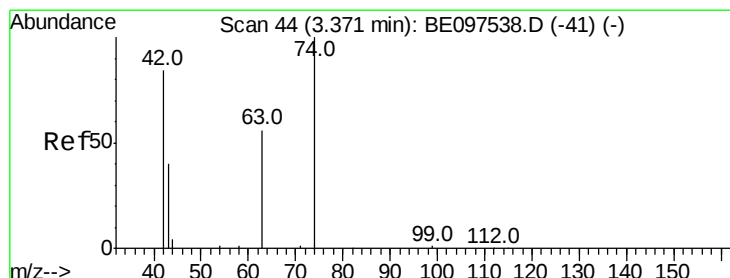
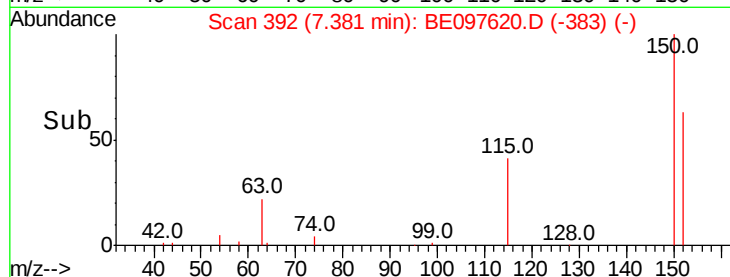
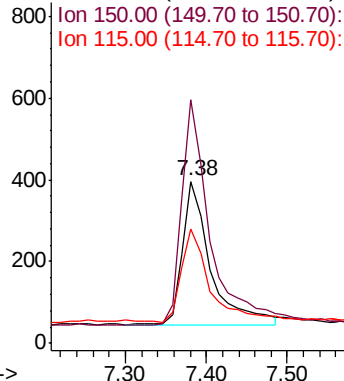
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097620.D
Acq: 21 Sep 2018 20:22

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 837
Ion Ratio Lower Upper
152 100
150 150.1 117.2 175.8
115 70.8 57.0 85.6



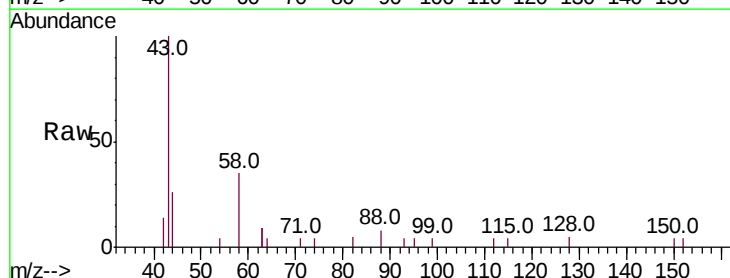
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



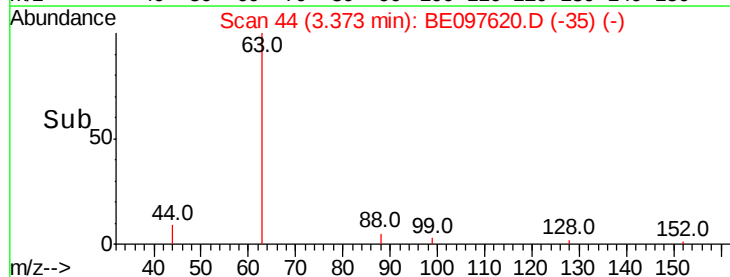
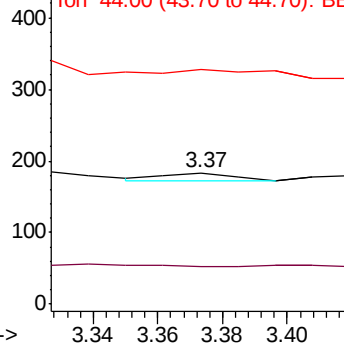
#3

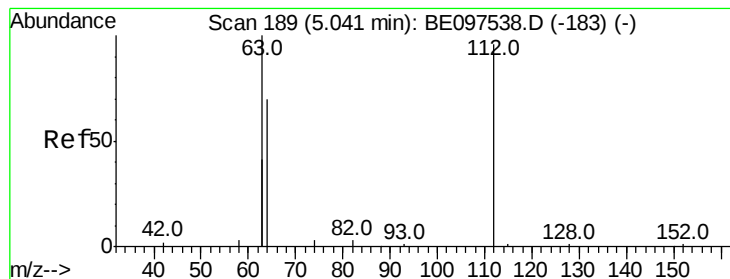
n-Nitrosodimethylamine
Concen: 0.028 ng
RT: 3.37 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE097620.D
Acq: 21 Sep 2018 20:22

Tgt Ion: 42 Resp: 14
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: 0.417 ng

RT: 5.07 min Scan# 191

Delta R.T. 0.01 min

Lab File: BE097620.D

Acq: 21 Sep 2018 20:22

Instrument :

BNA_E

ClientSampleId :

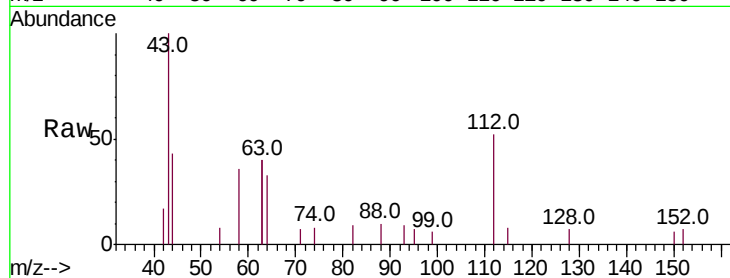
Tot Ion:112 Resp: 1045

Ion Ratio Lower Upper

112 100

64 66.3 60.1 90.1

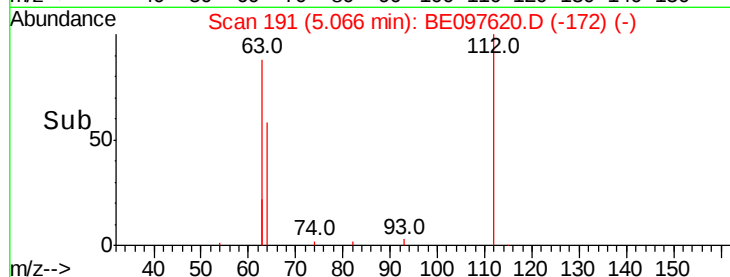
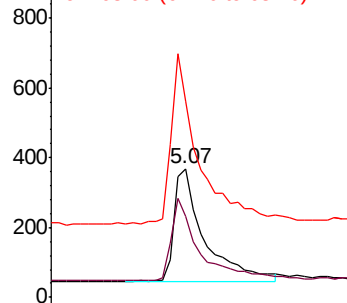
63 135.1 116.8 175.2



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: 0.156 ng

RT: 6.66 min Scan# 329

Delta R.T. 0.05 min

Lab File: BE097620.D

Acq: 21 Sep 2018 20:22

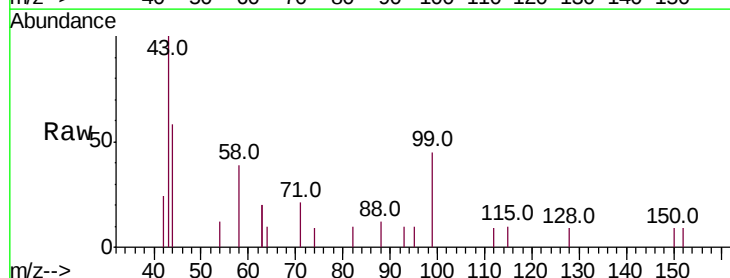
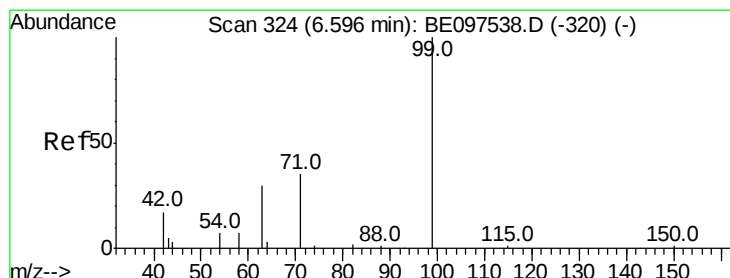
Tgt Ion: 99 Resp: 500

Ion Ratio Lower Upper

99 100

42 22.6 20.2 30.2

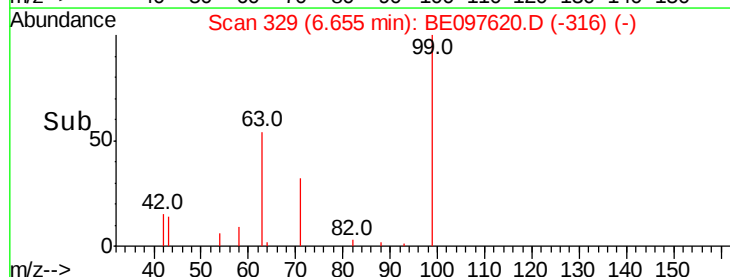
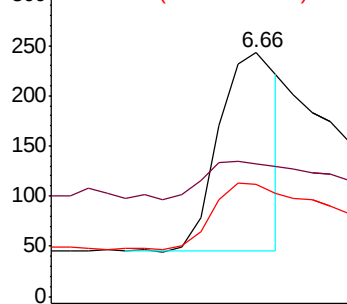
71 35.8 28.4 42.6

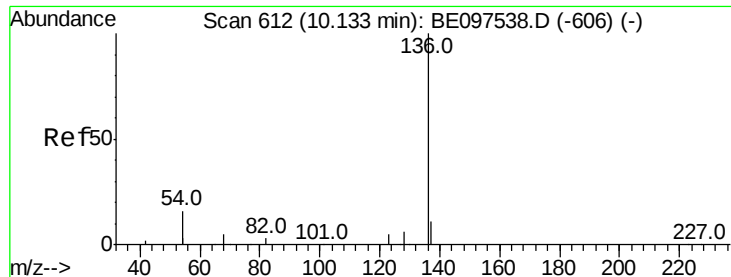


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE097620.D

Acq: 21 Sep 2018 20:22

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 3486

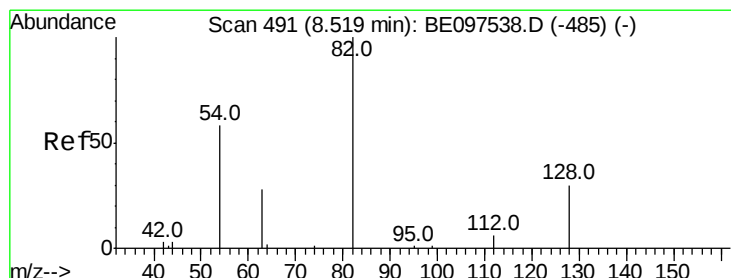
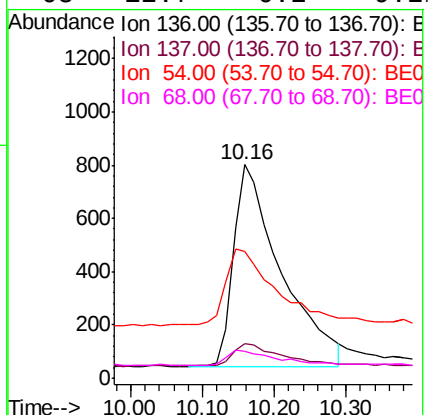
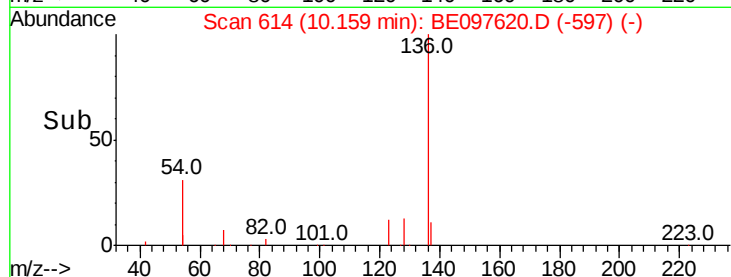
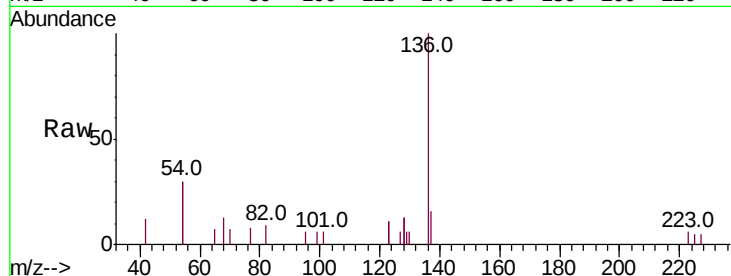
Ion Ratio Lower Upper

136 100

137 16.1 9.5 14.3#

54 59.1 29.1 43.7#

68 12.7 6.2 9.2#



#8

Nitrobenzene-d5

Concen: 0.287 ng

RT: 8.59 min Scan# 497

Delta R.T. 0.06 min

Lab File: BE097620.D

Acq: 21 Sep 2018 20:22

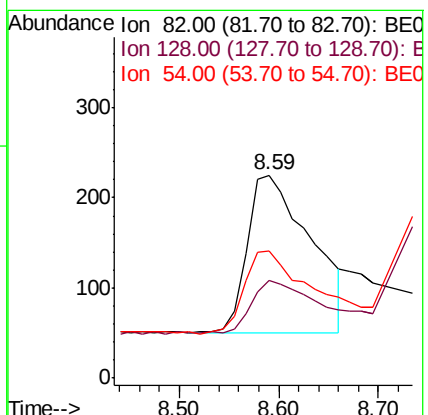
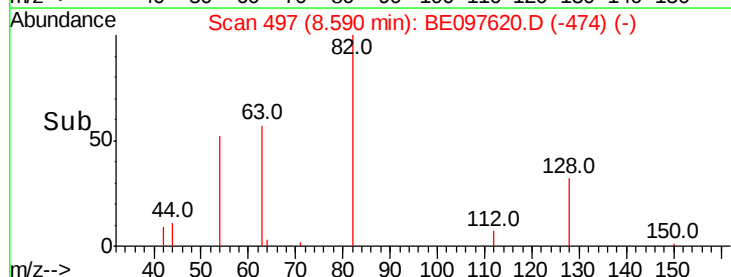
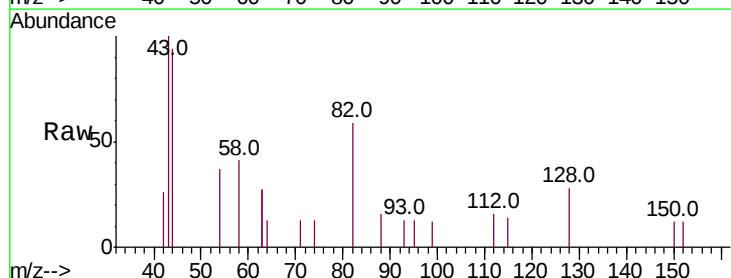
Tgt Ion: 82 Resp: 773

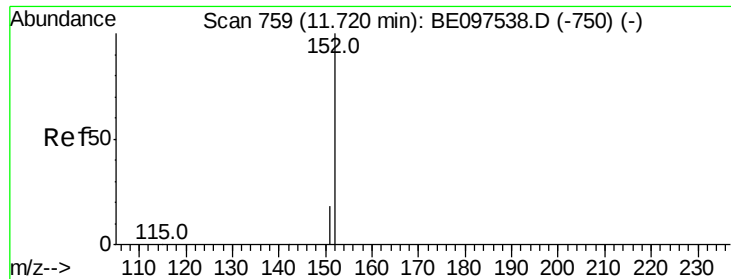
Ion Ratio Lower Upper

82 100

128 48.0 24.0 36.0#

54 62.7 40.0 60.0#

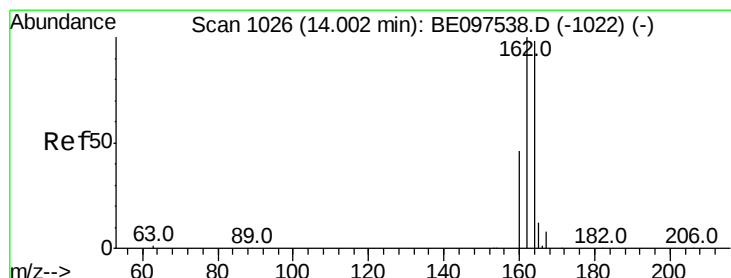
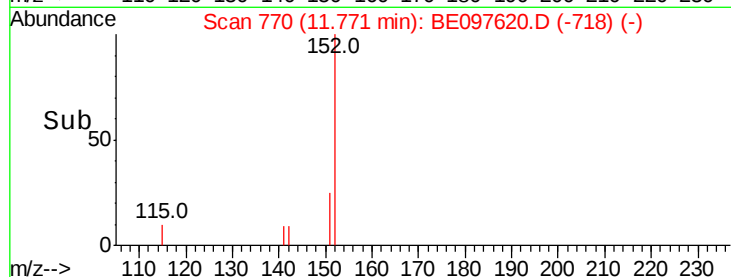
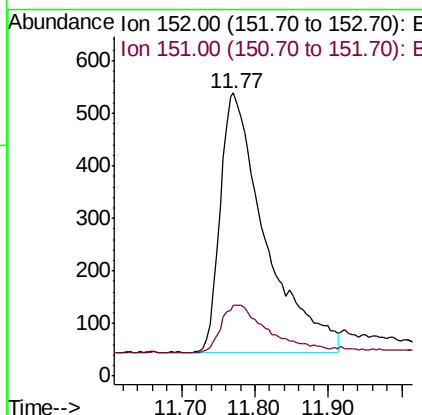
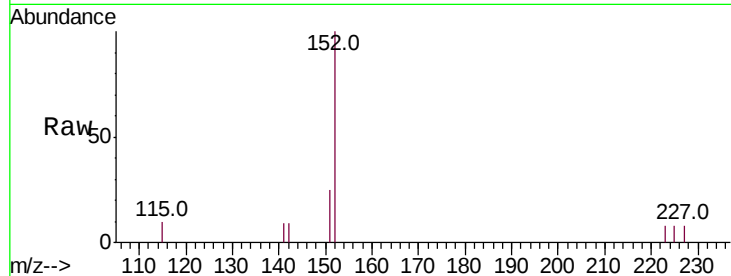




#11
2-Methylnaphthalene-d10
Concen: 0.436 ng
RT: 11.77 min Scan# 770
Delta R.T. 0.06 min
Lab File: BE097620.D
Acq: 21 Sep 2018 20:22

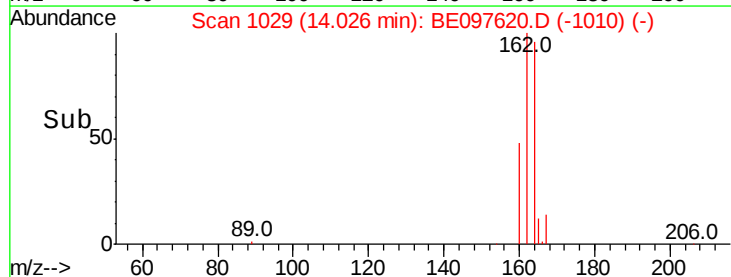
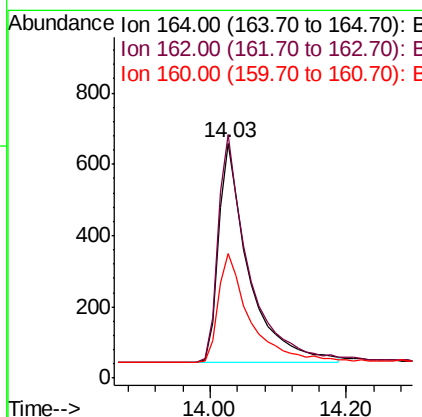
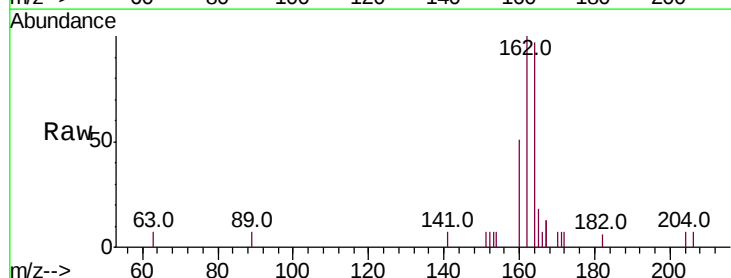
Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 2097
Ion Ratio Lower Upper
152 100
151 19.2 15.4 23.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1029
Delta R.T. 0.02 min
Lab File: BE097620.D
Acq: 21 Sep 2018 20:22

Tgt Ion:164 Resp: 1901
Ion Ratio Lower Upper
164 100
162 103.5 83.1 124.7
160 53.2 37.1 55.7

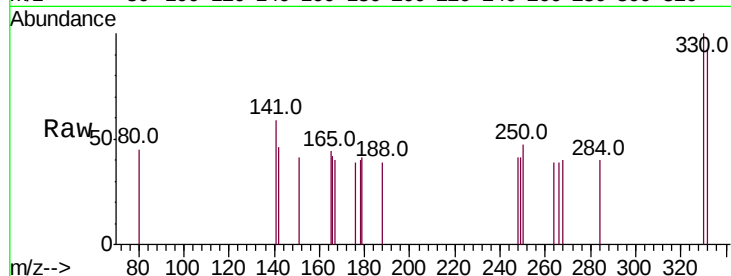




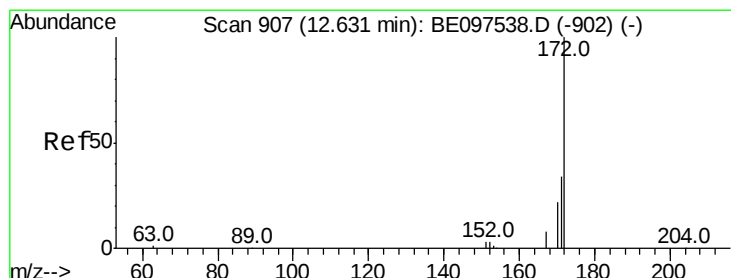
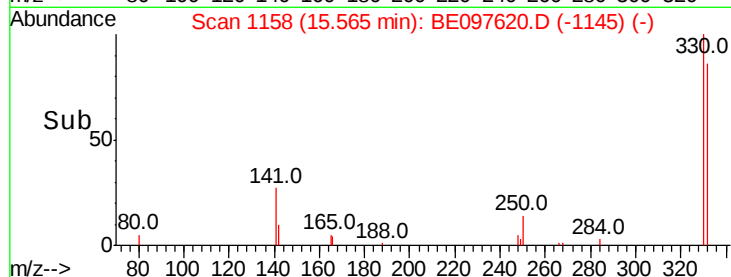
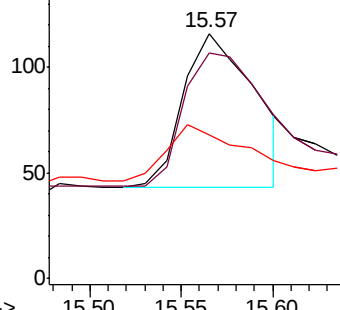
#14
 2,4,6-Tribromophenol
 Concen: 0.311 ng
 RT: 15.57 min Scan# 1158
 Delta R.T. 0.05 min
 Lab File: BE097620.D
 Acq: 21 Sep 2018 20:22

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:330 Resp: 199
 Ion Ratio Lower Upper
 330 100
 332 92.0 152.7 229.1#
 141 39.2 33.7 50.5

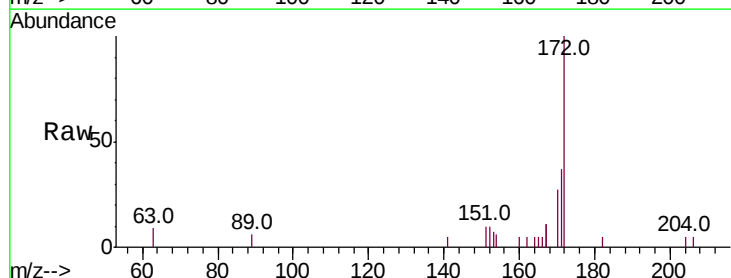


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

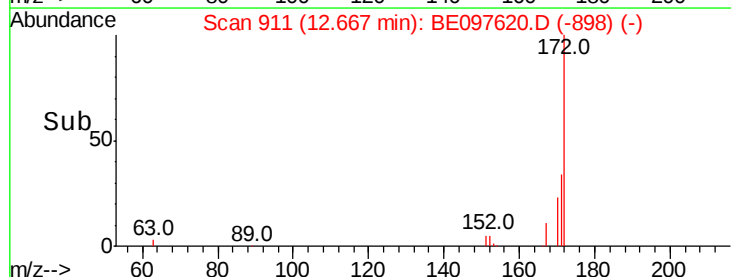
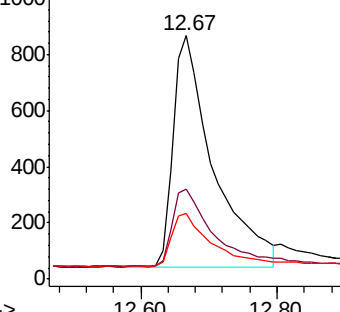


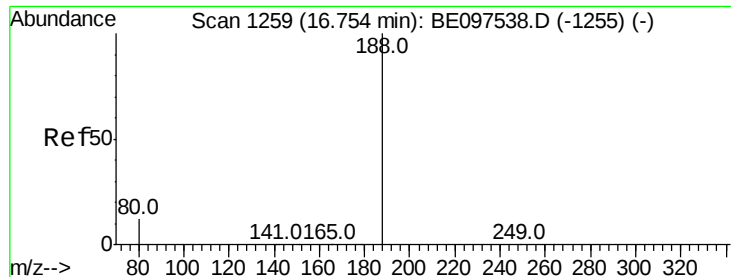
#15
 2-Fluorobiphenyl
 Concen: 0.499 ng
 RT: 12.67 min Scan# 911
 Delta R.T. 0.05 min
 Lab File: BE097620.D
 Acq: 21 Sep 2018 20:22

Tgt Ion:172 Resp: 3353
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.9 44.9
 170 26.9 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





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.78 min Scan# 1262

Delta R.T. 0.02 min

Lab File: BE097620.D

Acq: 21 Sep 2018 20:22

Instrument :

BNA_E

ClientSampleId :

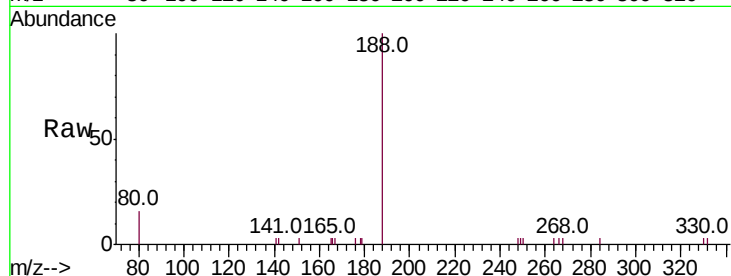
Tot Ion:188 Resp: 5169

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

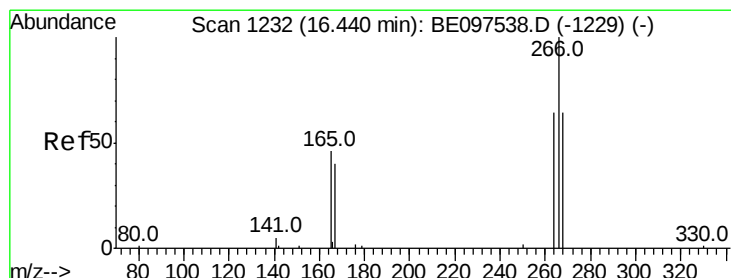
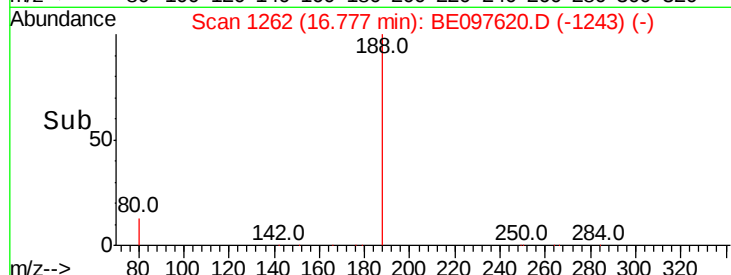
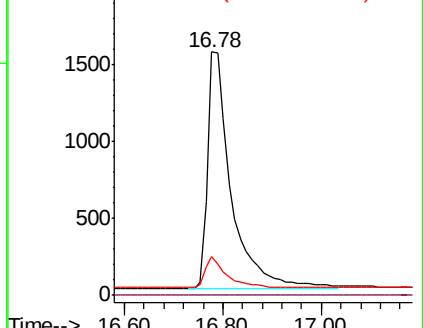
80 15.7 3.6 5.4#



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: 0.131 ng

RT: 16.44 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BE097620.D

Acq: 21 Sep 2018 20:22

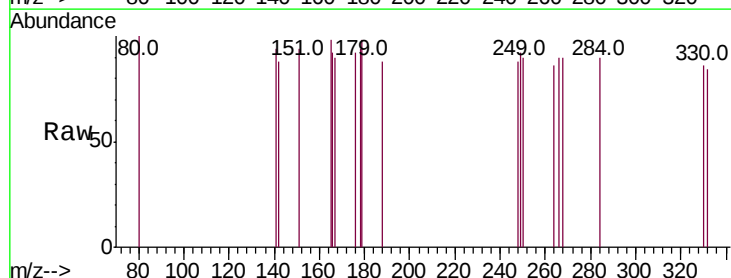
Tgt Ion:266 Resp: 2

Ion Ratio Lower Upper

266 100

264 95.7 72.5 108.7

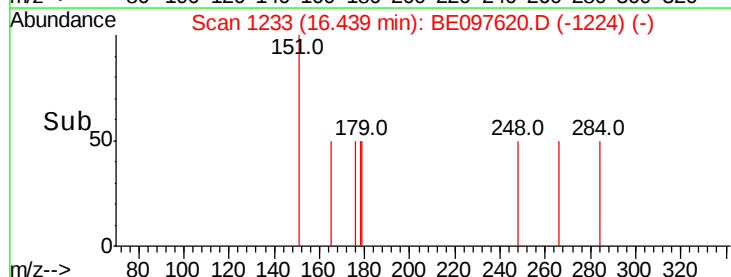
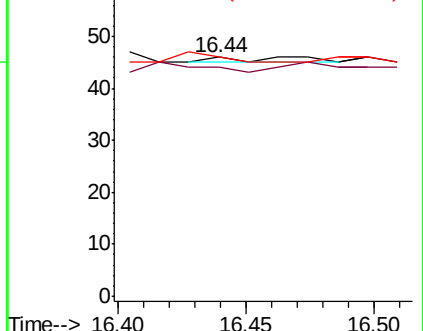
268 100.0 73.8 110.6

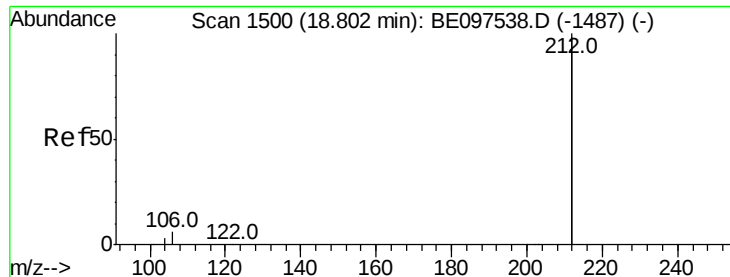


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.441 ng

RT: 18.82 min Scan# 1504

Delta R.T. 0.01 min

Lab File: BE097620.D

Acq: 21 Sep 2018 20:22

Instrument :

BNA_E

ClientSampleId :

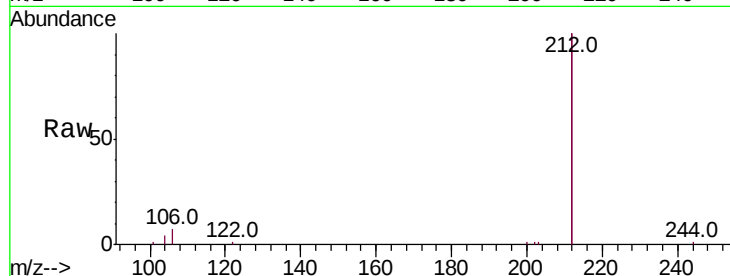
Tot Ion:212 Resp: 29189

Ion Ratio Lower Upper

212 100

106 3.3 2.8 4.2

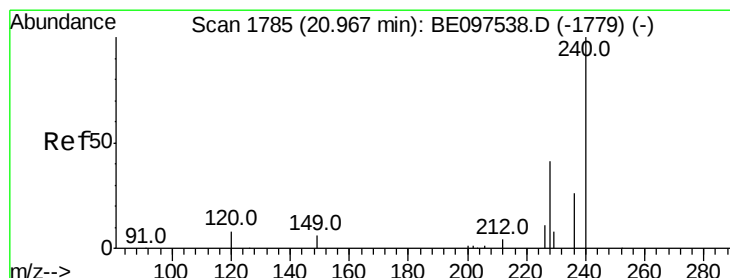
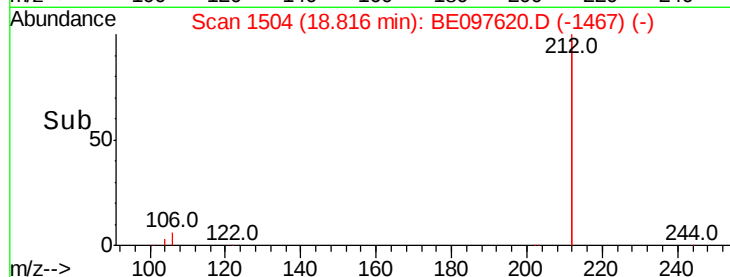
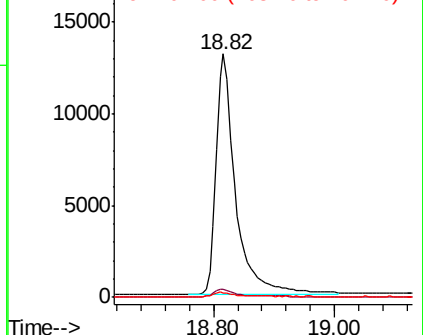
104 1.7 1.6 2.4



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# 1788

Delta R.T. 0.01 min

Lab File: BE097620.D

Acq: 21 Sep 2018 20:22

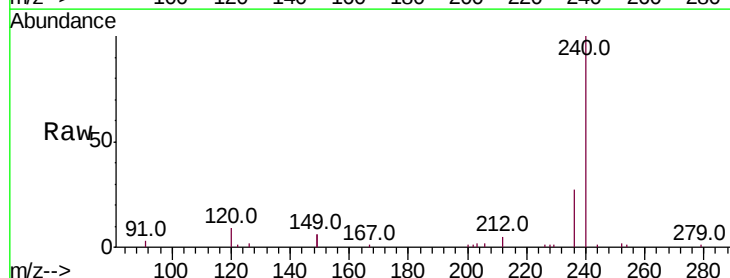
Tgt Ion:240 Resp: 7129

Ion Ratio Lower Upper

240 100

120 9.2 5.5 8.3#

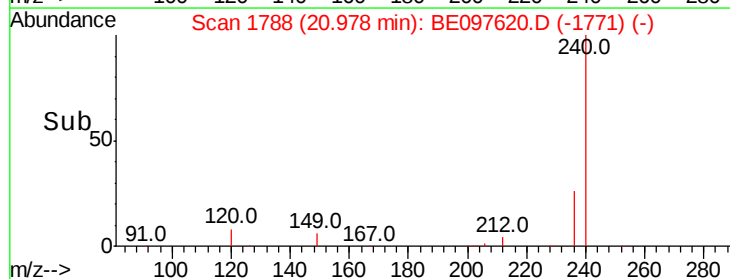
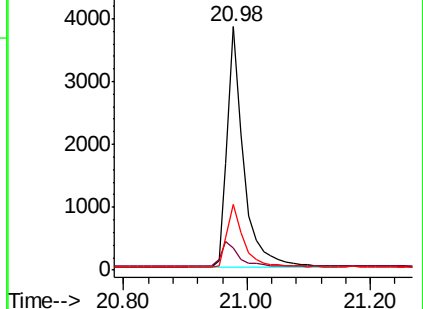
236 27.2 20.7 31.1

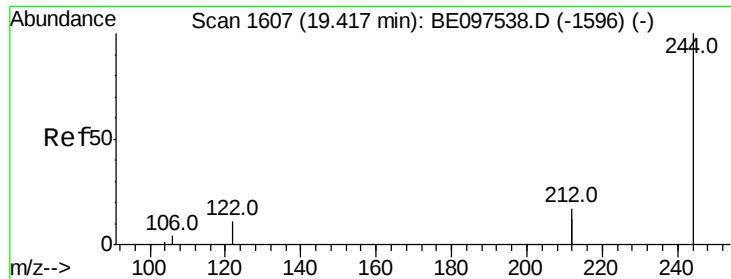


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

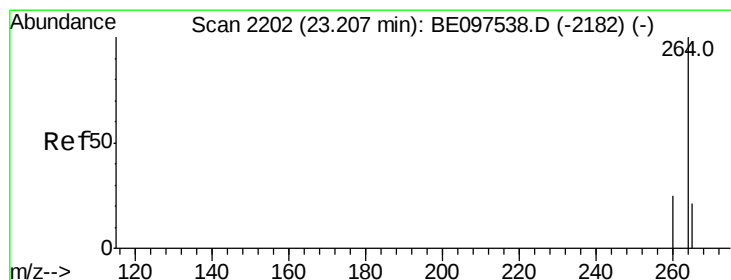
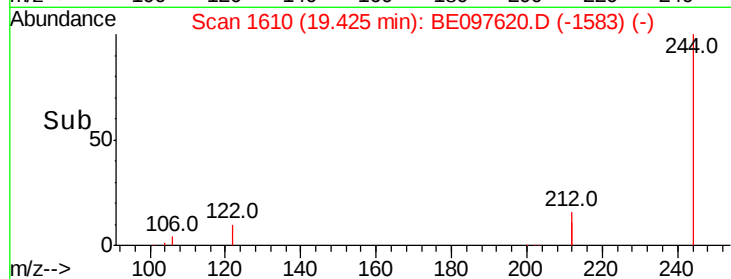
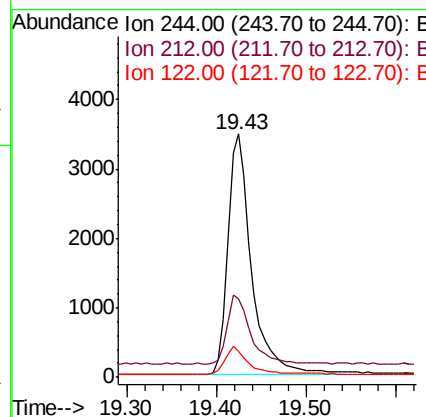
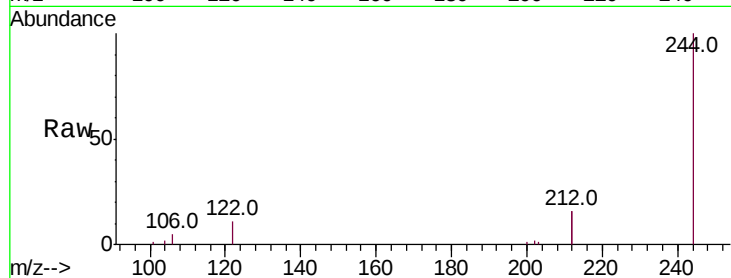




#29
 Terphenyl-d14
 Concen: 0.484 ng
 RT: 19.43 min Scan# 1610
 Delta R.T. 0.01 min
 Lab File: BE097620.D
 Acq: 21 Sep 2018 20:22

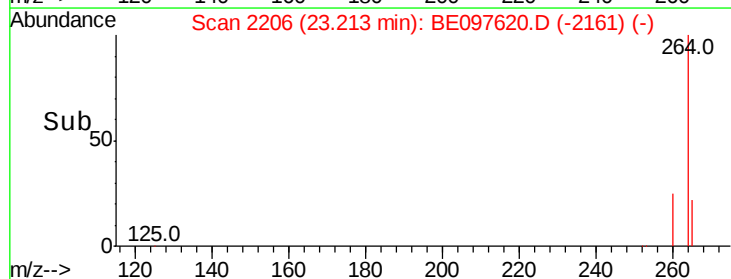
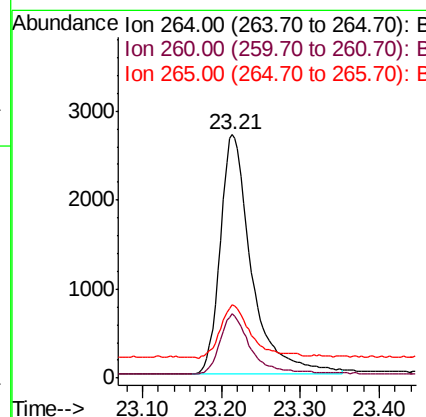
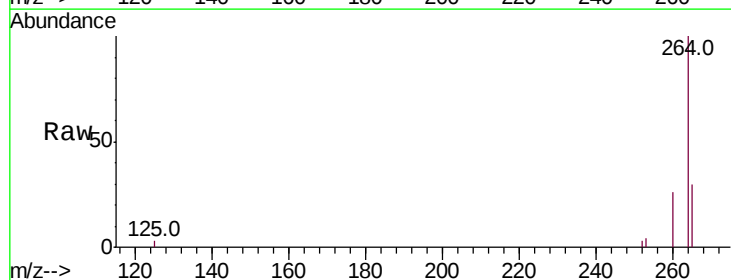
Instrument :
 BNA_E
 ClientSampleId :

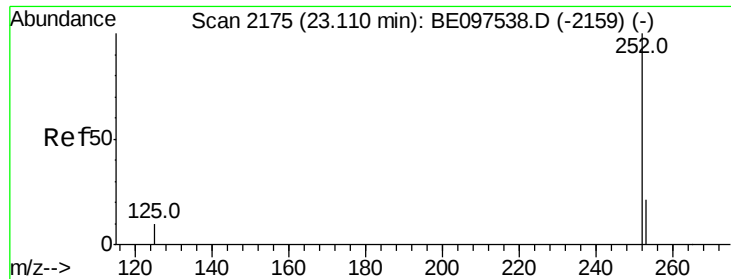
Tot Ion:244 Resp: 6309
 Ion Ratio Lower Upper
 244 100
 212 32.5 25.4 38.0
 122 10.9 8.1 12.1



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2206
 Delta R.T. 0.01 min
 Lab File: BE097620.D
 Acq: 21 Sep 2018 20:22

Tgt Ion:264 Resp: 7400
 Ion Ratio Lower Upper
 264 100
 260 26.4 20.5 30.7
 265 30.1 22.8 34.2





#37

Benzo(a)pyrene

Concen: 0.021 ng

RT: 23.10 min Scan# 2175

Delta R.T. -0.00 min

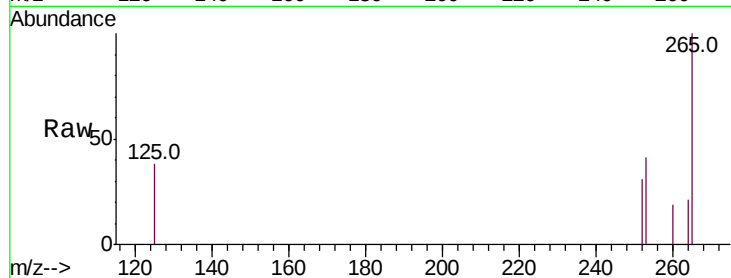
Lab File: BE097620.D

Acq: 21 Sep 2018 20:22

Instrument :

BNA_E

ClientSampleId :



Tot Ion	Ratio	Lower	Upper
252	100		
253	130.1	16.0	24.0#
125	121.9	12.0	18.0#

