

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061119\
 Data File : BE099943.D
 Acq On : 12 Jun 2019 2:33
 Operator : JU/SJ
 Sample : K3257-03DL 5X
 Misc : LOQ-WATER-0.2PPM
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE131D1-20190606DL

Quant Time: Jun 12 03:47:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 14:57:20 2019
 Response via : Initial Calibration

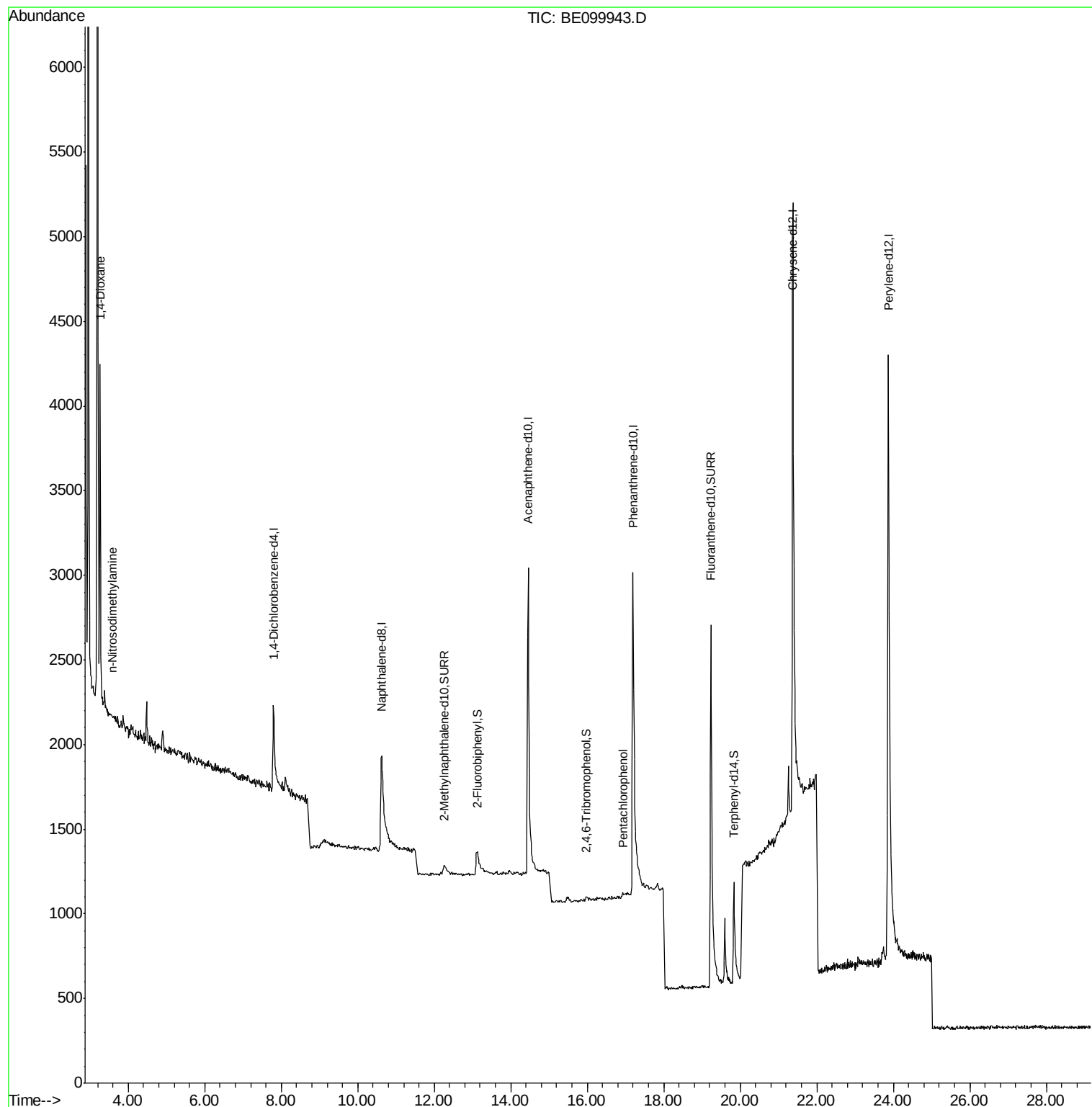
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	510	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	2045	0.40	ng	0.03
13) Acenaphthene-d10	14.46	164	2135	0.40	ng	-0.01
19) Phenanthrene-d10	17.20	188	6928	0.40	ng	-0.01
27) Chrysene-d12	21.38	240	8007	0.40	ng	-0.02
34) Perylene-d12	23.87	264	9150	0.40	ng	-0.06
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	17	0.01	ng	0.00
5) Phenol-d6	6.99	99	6	0.00	ng	0.02
8) Nitrobenzene-d5	0.00	82	0	0.00	ng	
11) 2-Methylnaphthalene-d10	12.25	152	229	0.06	ng	0.04
14) 2,4,6-Tribromophenol	15.97	330	67	0.04	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	523	0.06	ng	0.02
25) Fluoranthene-d10	19.23	212	6379	0.06	ng	-0.02
29) Terphenyl-d14	19.83	244	1433	0.10	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.27	88	1536	2.035	ng	Qvalue 95
3) n-Nitrosodimethylamine	3.59	42	26	0.060	ng	# 100
22) Pentachlorophenol	16.93	266	43	0.322	ng	90

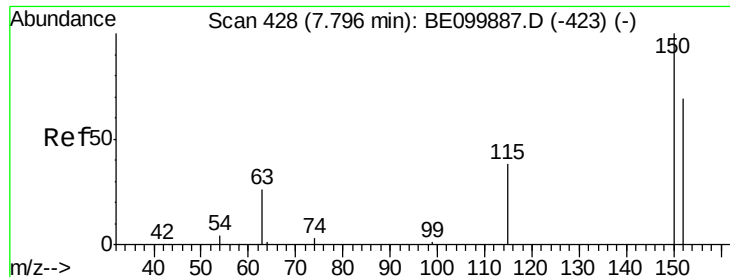
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.79 min Scan# 428

Delta R.T. -0.00 min

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RE131D1-20190606DL

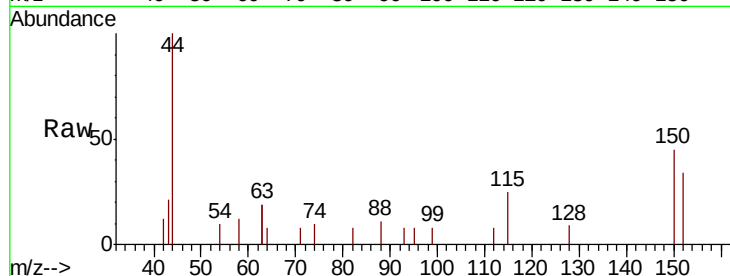
Tgt Ion: 152 Resp: 510

Ion Ratio Lower Upper

152 100

150 132.0 111.0 166.6

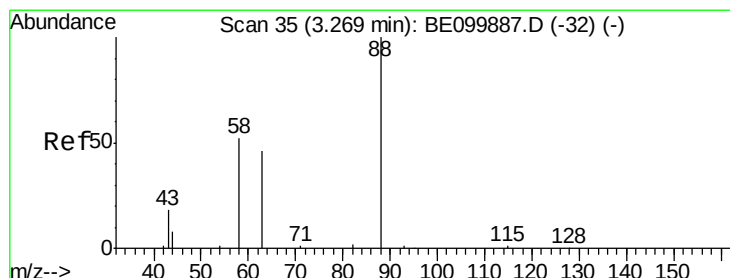
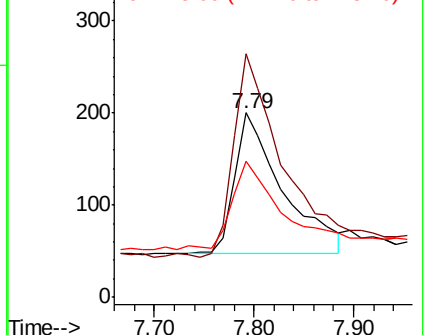
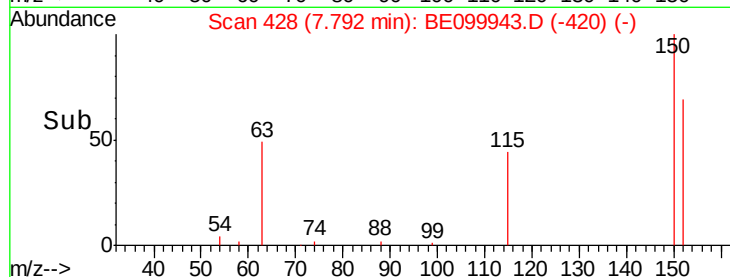
115 74.0 50.7 76.1



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: 2.035 ng

RT: 3.27 min Scan# 35

Delta R.T. -0.00 min

Lab File: BE099943.D

Acq: 12 Jun 2019 2:33

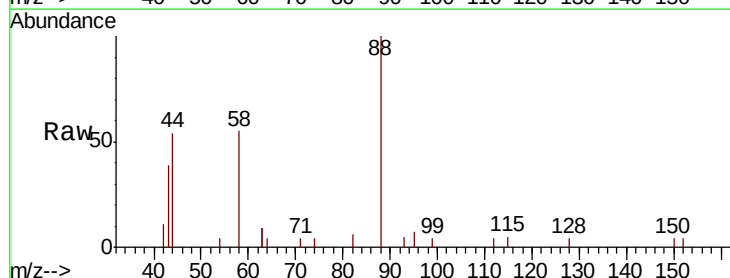
Tgt Ion: 88 Resp: 1536

Ion Ratio Lower Upper

88 100

58 58.5 48.8 73.2

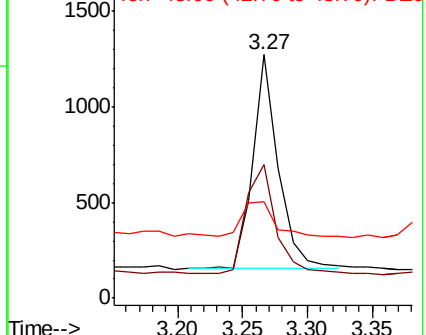
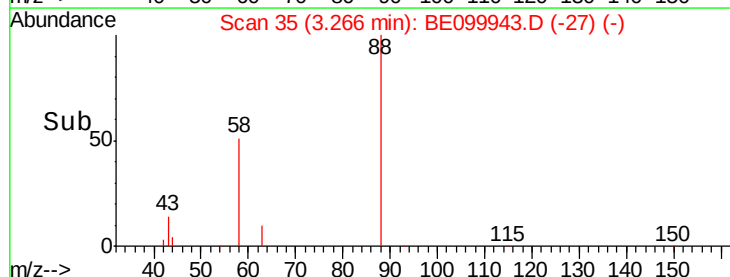
43 19.4 19.0 28.6

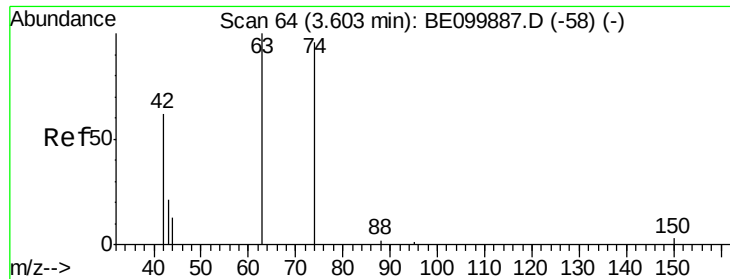


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.060 ng

RT: 3.59 min Scan# 63

Delta R.T. -0.02 min

Lab File: BE099943.D

Acq: 12 Jun 2019 2:33

Instrument :

BNA_E

ClientSampleId :

RE131D1-20190606DL

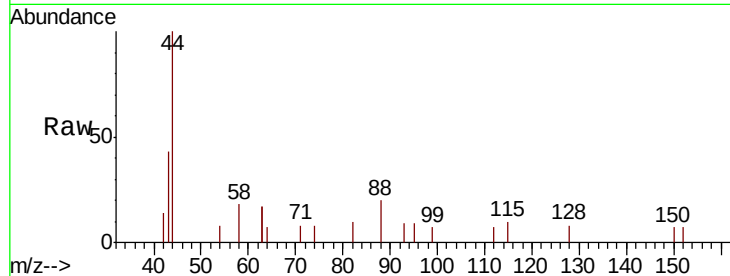
Tgt Ion: 42 Resp: 26

Ion Ratio Lower Upper

42 100

74 0.0 0.0 0.0

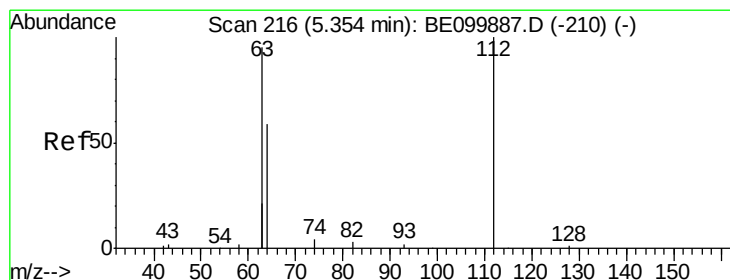
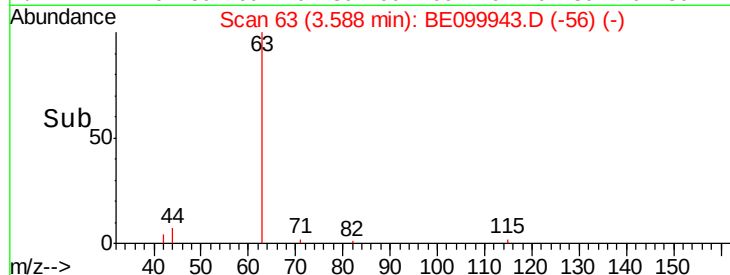
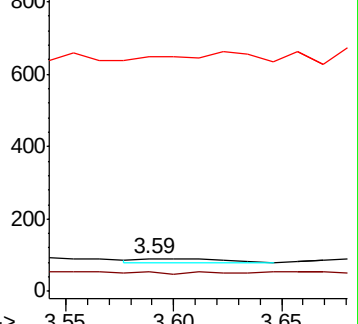
44 0.0 0.0 0.0



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: 0.012 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE099943.D

Acq: 12 Jun 2019 2:33

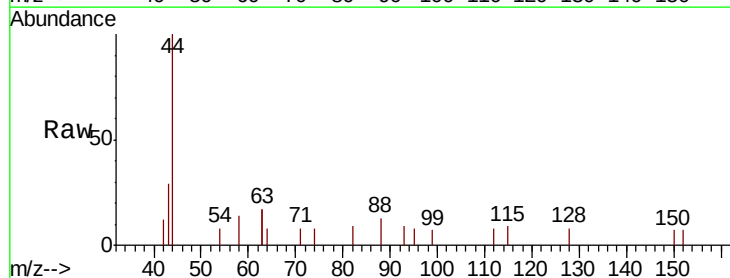
Tgt Ion: 112 Resp: 17

Ion Ratio Lower Upper

112 100

64 70.6 44.1 66.1#

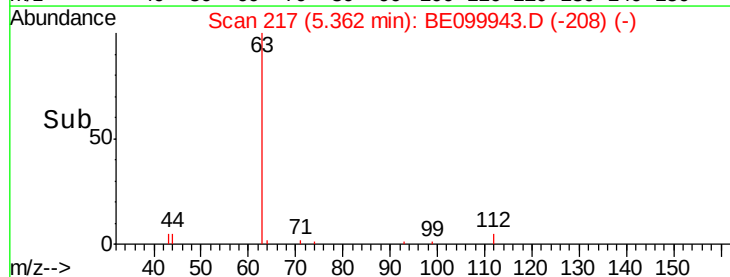
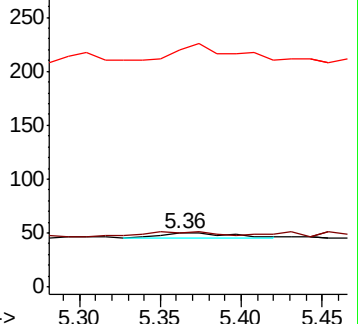
63 0.0 87.8 131.6#

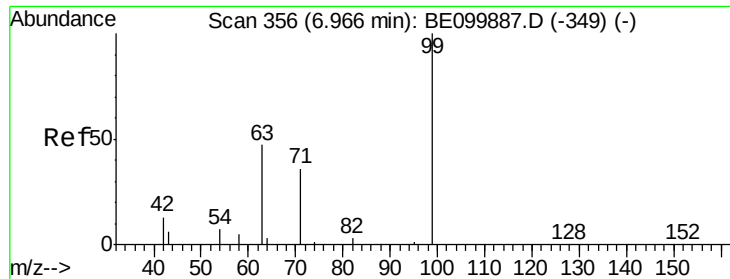


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.003 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.02 min

Lab File: BE099943.D

Acq: 12 Jun 2019 2:33

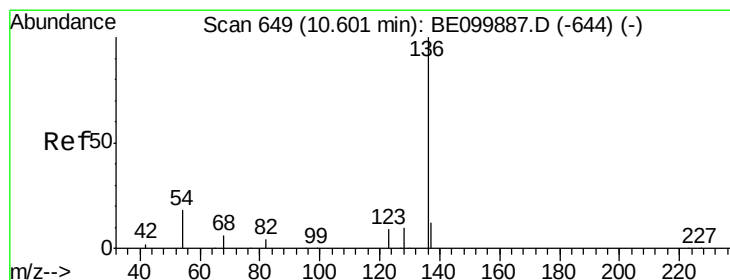
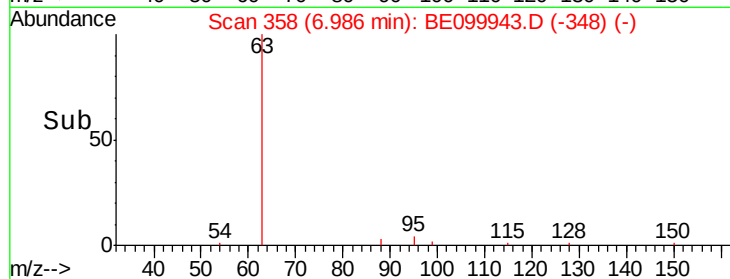
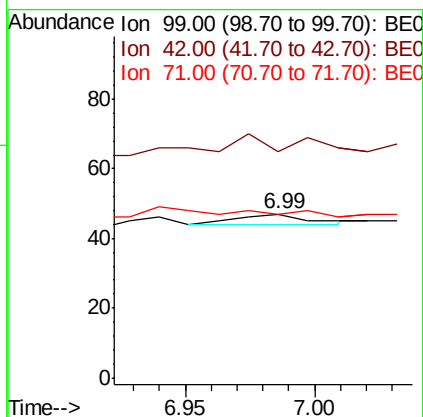
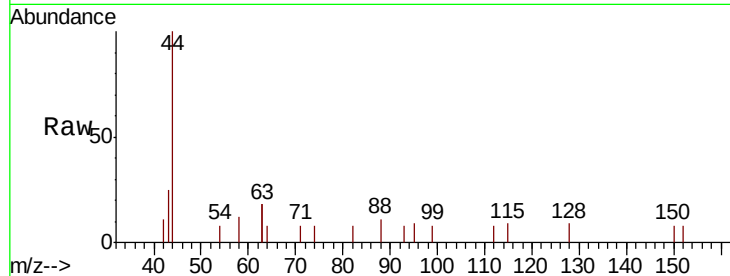
Instrument :

BNA_E

ClientSampleId :

RE131D1-20190606DL

Tgt Ion:	99	Resp:	6
Ion	Ratio	Lower	Upper
99	100		
42	183.3	15.9	23.9#
71	0.0	34.6	52.0#



#7

Naphthalene-d8

Concen: 0.400 ng

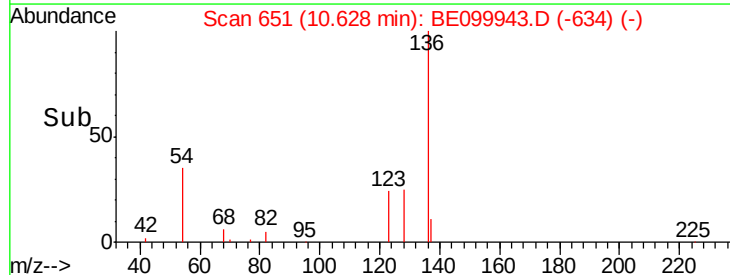
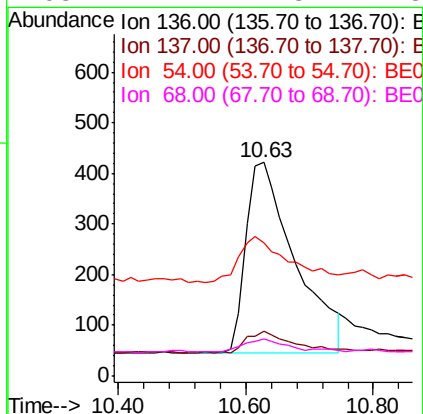
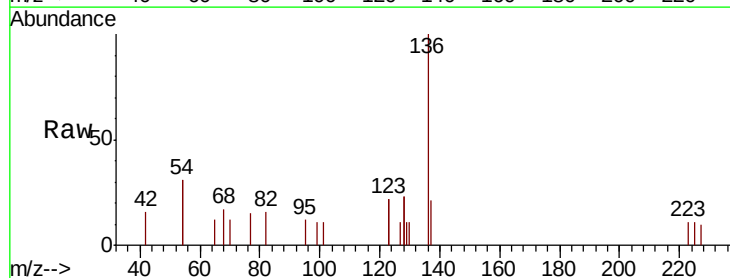
RT: 10.63 min Scan# 651

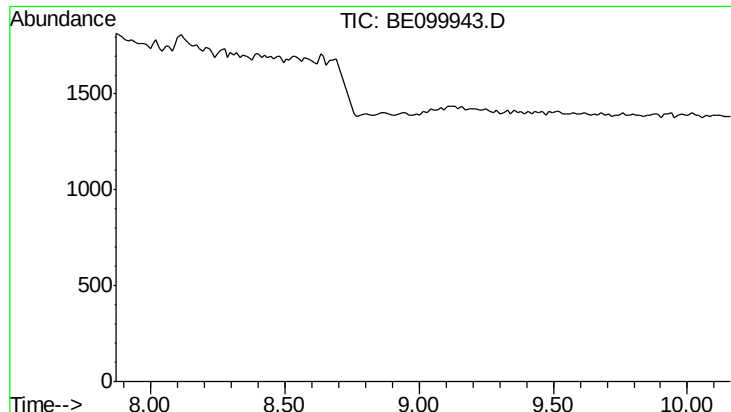
Delta R.T. 0.03 min

Lab File: BE099943.D

Acq: 12 Jun 2019 2:33

Tgt Ion:	136	Resp:	2045
Ion	Ratio	Lower	Upper
136	100		
137	20.9	12.3	18.5#
54	62.6	28.2	42.4#
68	17.1	7.8	11.8#

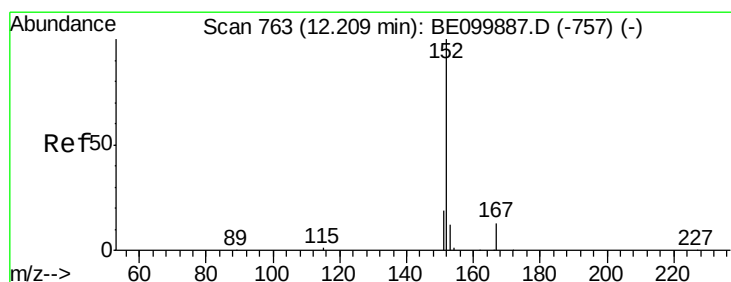
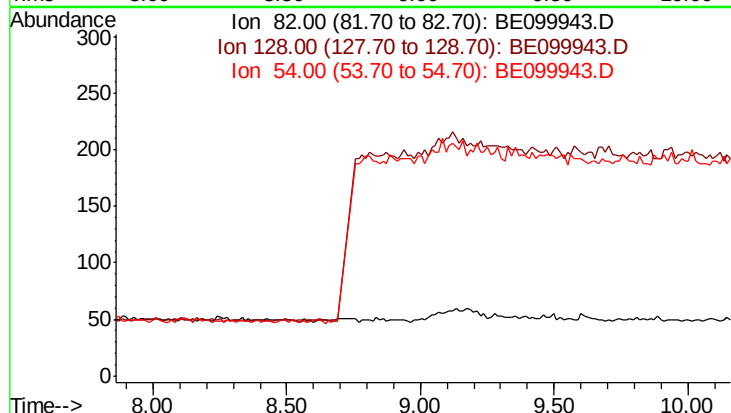




#8
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 8.96 min
 Lab File: BE099943.D
 Acq: 12 Jun 2019 2:33

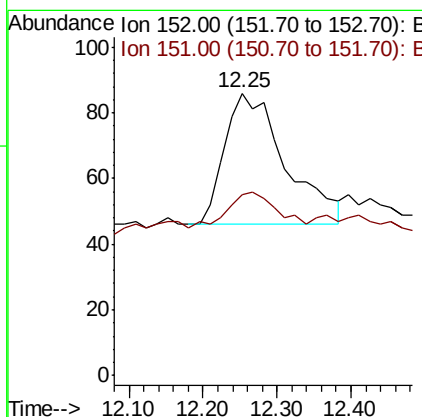
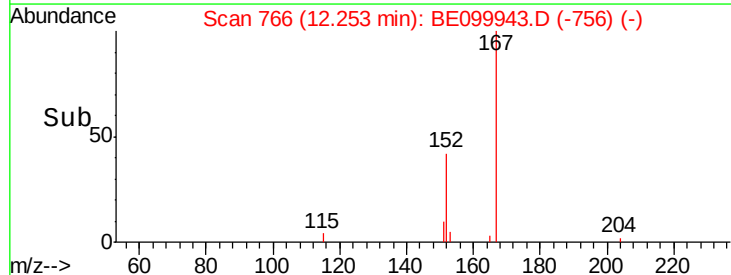
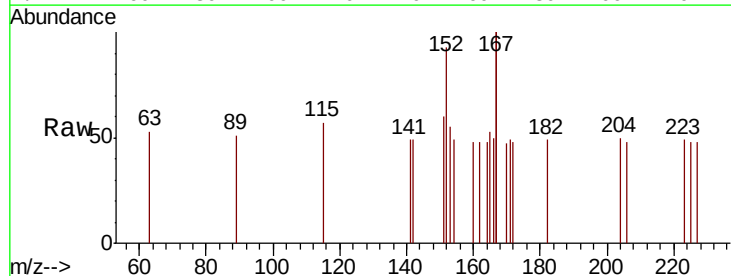
Instrument :
 BNA_E
 ClientSampleId :
 RE131D1-20190606DL

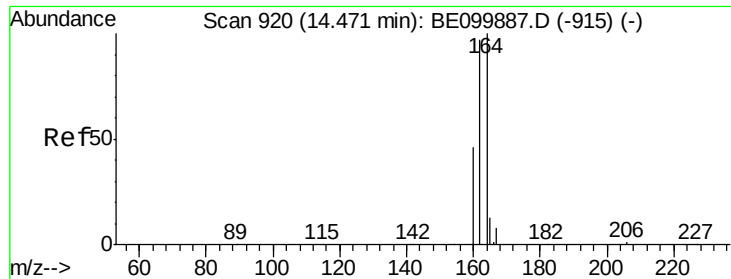
Tgt Ion: 82
 Sig Exp Ratio
 82 100
 128 171.6
 54 162.1



#11
 2-Methylnaphthalene-d10
 Concen: 0.064 ng
 RT: 12.25 min Scan# 766
 Delta R.T. 0.04 min
 Lab File: BE099943.D
 Acq: 12 Jun 2019 2:33

Tgt Ion: 152 Resp: 229
 Ion Ratio Lower Upper
 152 100
 151 21.4 15.2 22.8

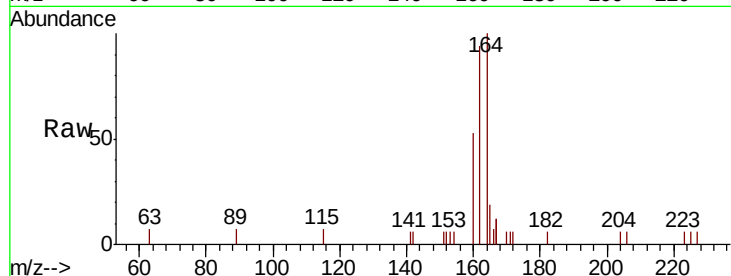




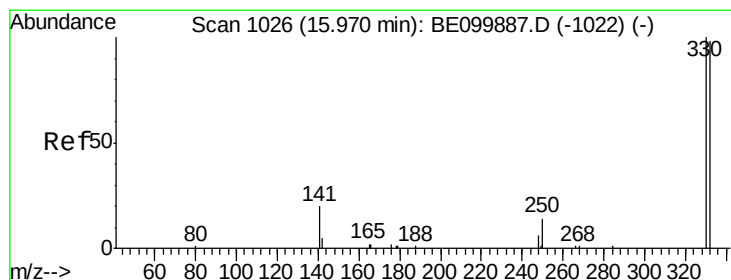
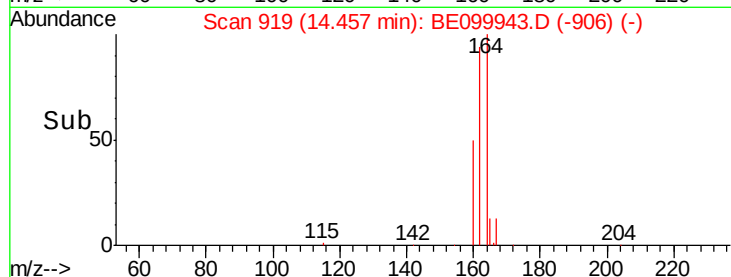
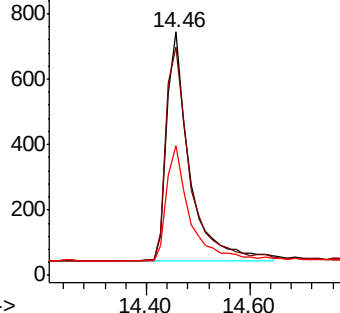
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: BE099943.D
 Acq: 12 Jun 2019 2:33

Instrument :
 BNA_E
 ClientSampleId :
 RE131D1-20190606DL

Tgt Ion:164 Resp: 2135
 Ion Ratio Lower Upper
 164 100
 162 93.8 77.8 116.8
 160 53.1 38.2 57.4

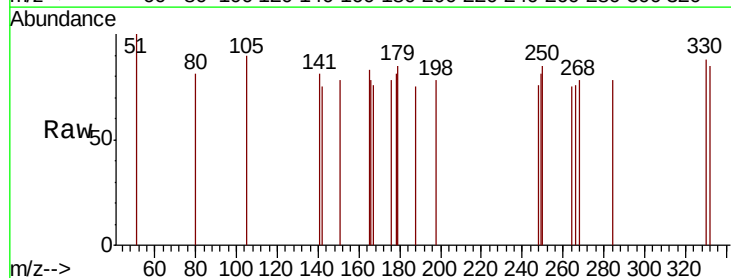


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

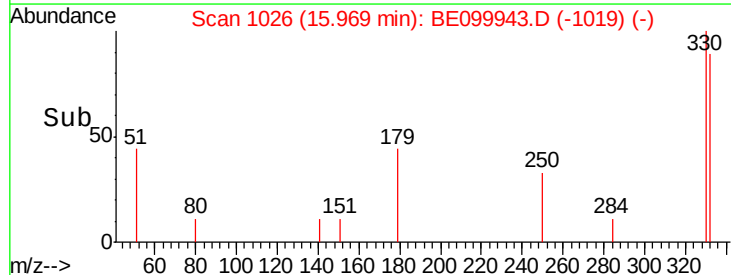
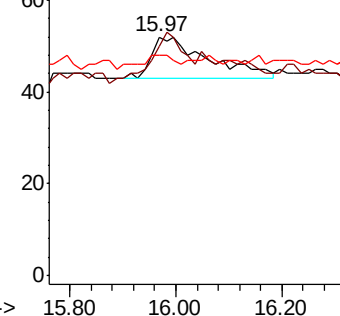


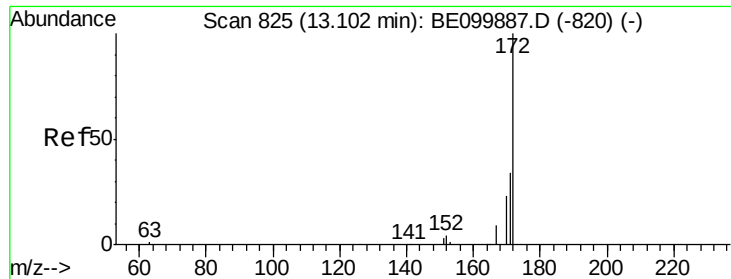
#14
 2,4,6-Tribromophenol
 Concen: 0.042 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE099943.D
 Acq: 12 Jun 2019 2:33

Tgt Ion:330 Resp: 67
 Ion Ratio Lower Upper
 330 100
 332 58.2 76.7 115.1#
 141 0.0 21.0 31.6#



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

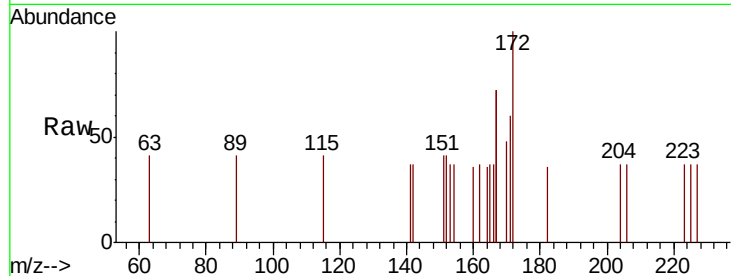




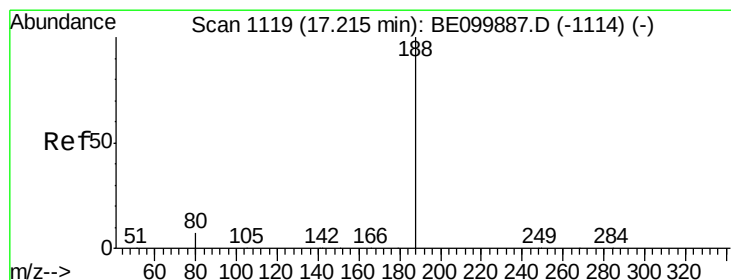
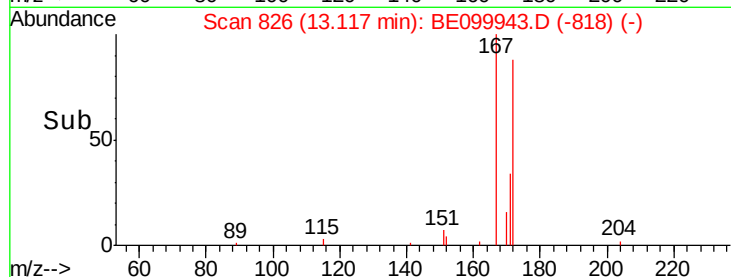
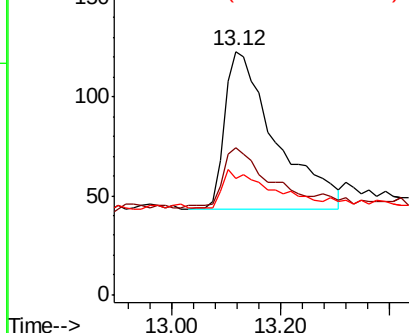
#15
 2-Fluorobiphenyl
 Concen: 0.065 ng
 RT: 13.12 min Scan# 826
 Delta R.T. 0.02 min
 Lab File: BE099943.D
 Acq: 12 Jun 2019 2:33

Instrument :
 BNA_E
 ClientSampleId :
 RE131D1-20190606DL

Tgt Ion:172 Resp: 523
 Ion Ratio Lower Upper
 172 100
 171 60.2 29.2 43.8#
 170 48.0 21.2 31.8#

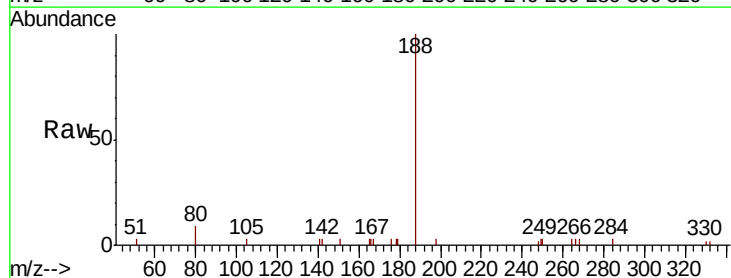


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

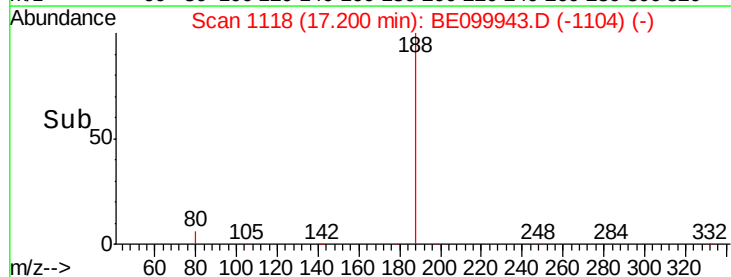
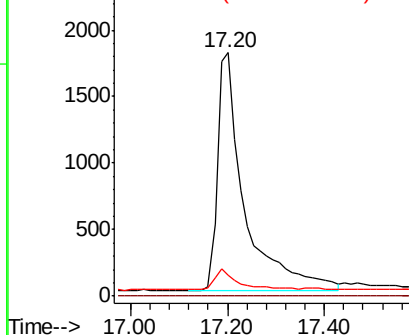


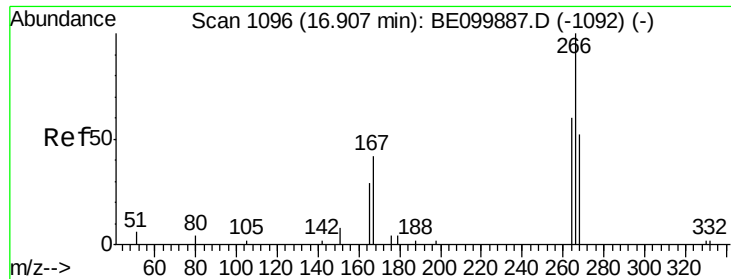
#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.20 min Scan# 1118
 Delta R.T. -0.01 min
 Lab File: BE099943.D
 Acq: 12 Jun 2019 2:33

Tgt Ion:188 Resp: 6928
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 8.8 6.4 9.6



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: 0.322 ng

RT: 16.93 min Scan# 1098

Delta R.T. 0.03 min

Lab File: BE099943.D

Acq: 12 Jun 2019 2:33

Instrument :

BNA_E

ClientSampleId :

RE131D1-20190606DL

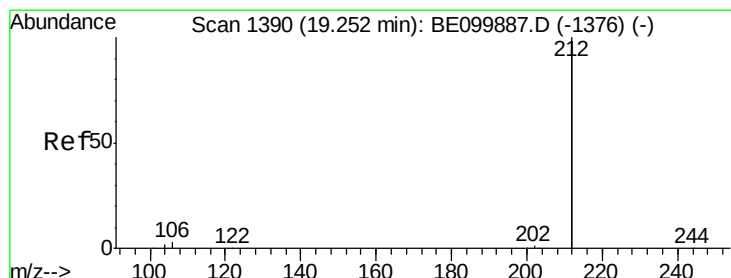
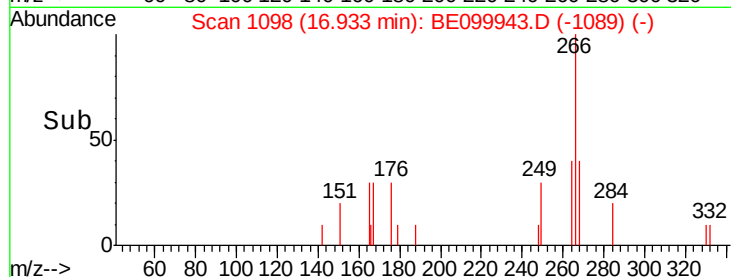
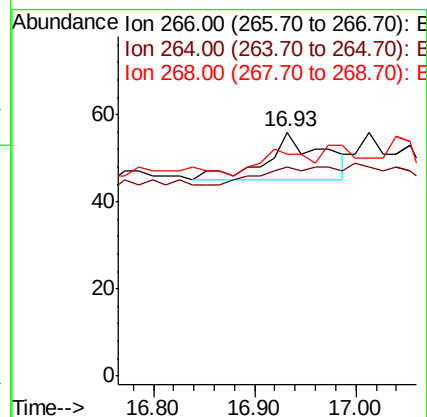
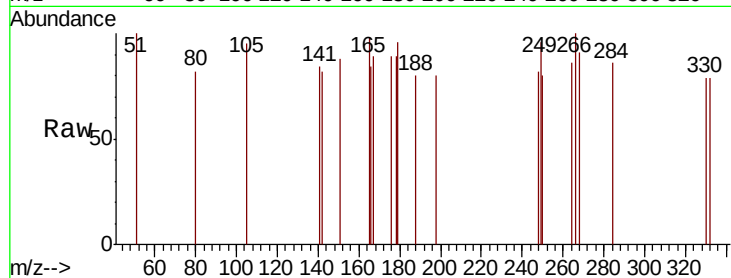
Tgt Ion:266 Resp: 43

Ion Ratio Lower Upper

266 100

264 85.7 62.2 93.2

268 91.1 65.5 98.3



#25

Fluoranthene-d10

Concen: 0.063 ng

RT: 19.23 min Scan# 1386

Delta R.T. -0.02 min

Lab File: BE099943.D

Acq: 12 Jun 2019 2:33

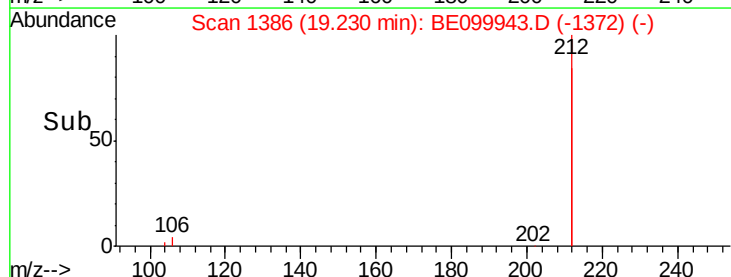
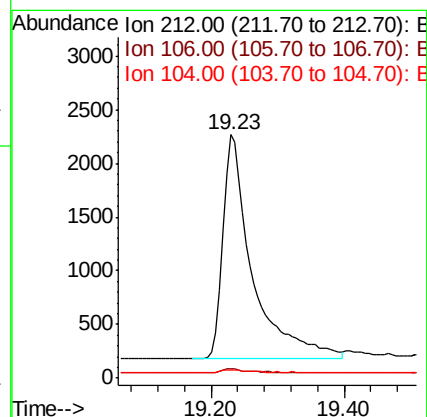
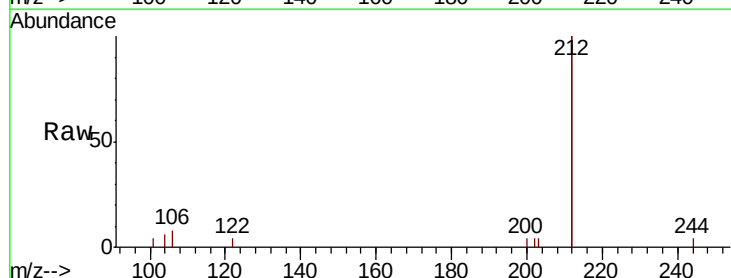
Tgt Ion:212 Resp: 6379

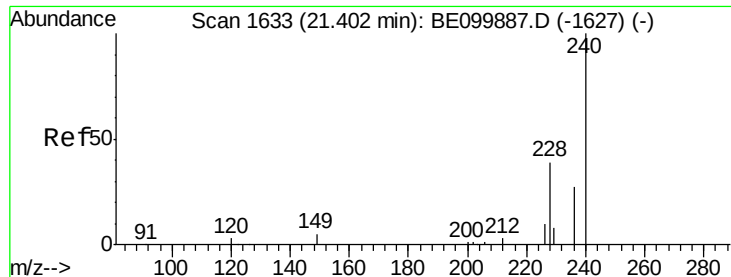
Ion Ratio Lower Upper

212 100

106 1.7 1.4 2.2

104 0.8 0.9 1.3#

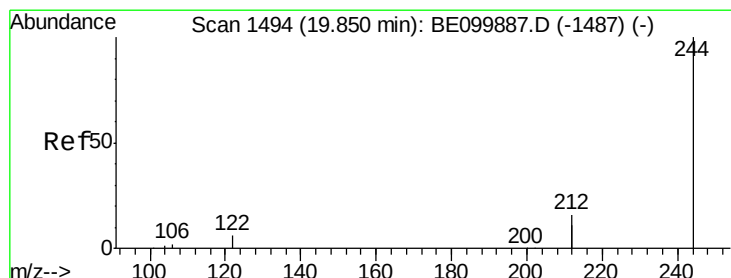
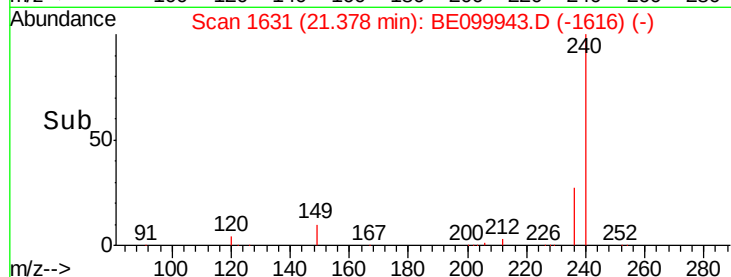
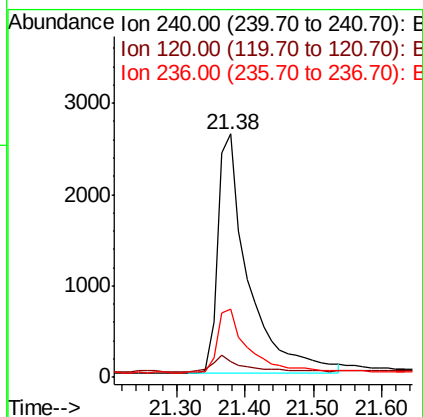
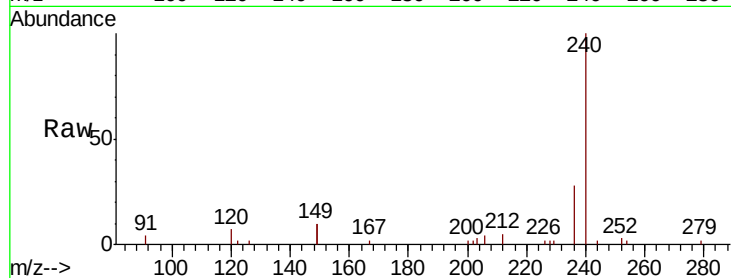




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.38 min Scan# 1631
 Delta R.T. -0.02 min
 Lab File: BE099943.D
 Acq: 12 Jun 2019 2:33

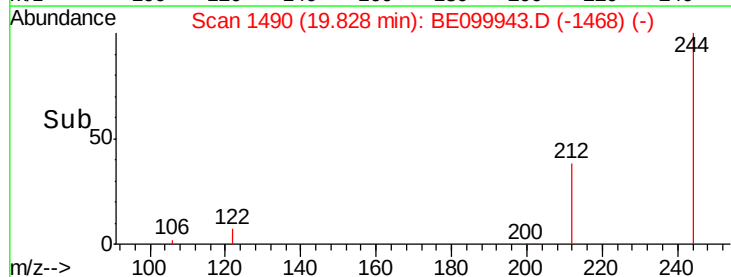
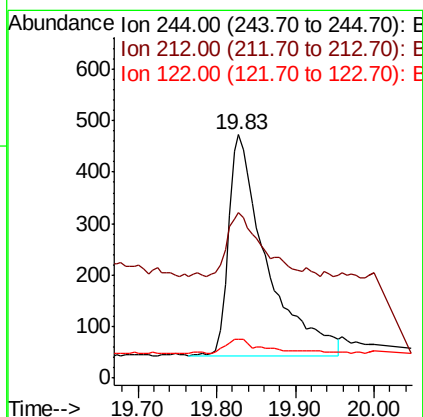
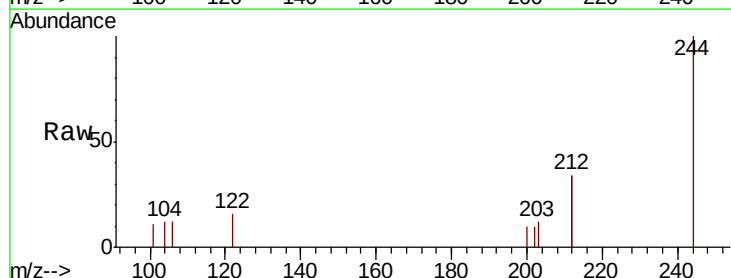
Instrument :
 BNA_E
 ClientSampleId :
 RE131D1-20190606DL

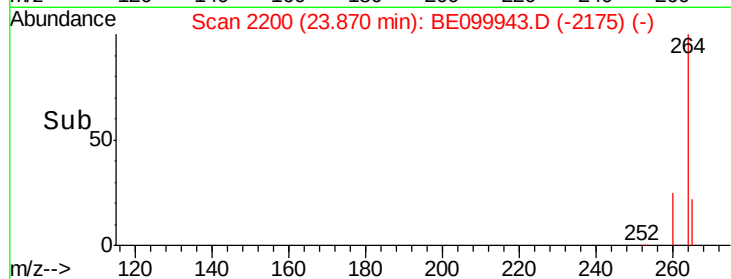
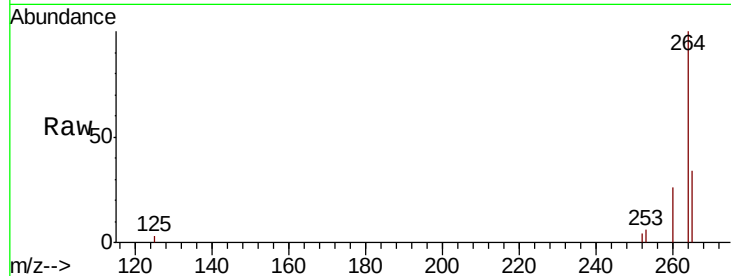
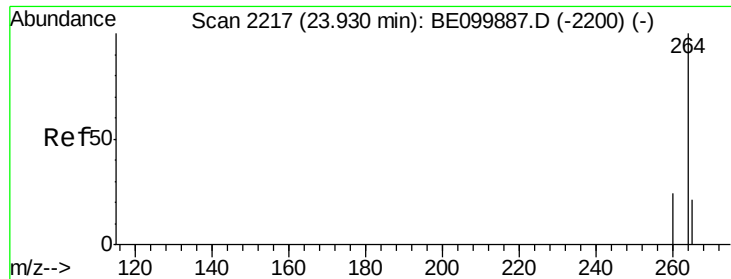
Tgt Ion:240 Resp: 8007
 Ion Ratio Lower Upper
 240 100
 120 6.7 3.8 5.6#
 236 28.3 22.0 33.0



#29
 Terphenyl-d14
 Concen: 0.099 ng
 RT: 19.83 min Scan# 1490
 Delta R.T. -0.02 min
 Lab File: BE099943.D
 Acq: 12 Jun 2019 2:33

Tgt Ion:244 Resp: 1433
 Ion Ratio Lower Upper
 244 100
 212 68.1 25.7 38.5#
 122 16.1 5.5 8.3#





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.87 min Scan# 2200

Delta R.T. -0.06 min

Lab File: BE099943.D

Acq: 12 Jun 2019 2:33

Instrument :

BNA_E

ClientSampleId :

RE131D1-20190606DL

Tgt Ion:264 Resp: 9150

Ion Ratio Lower Upper

264 100

260 26.4 20.2 30.2

265 33.8 22.0 33.0#

