

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061319\
 Data File : BE099984.D
 Acq On : 13 Jun 2019 11:45
 Operator : JU/SJ
 Sample : K3270-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 GW-02

Quant Time: Jun 14 03:50:36 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

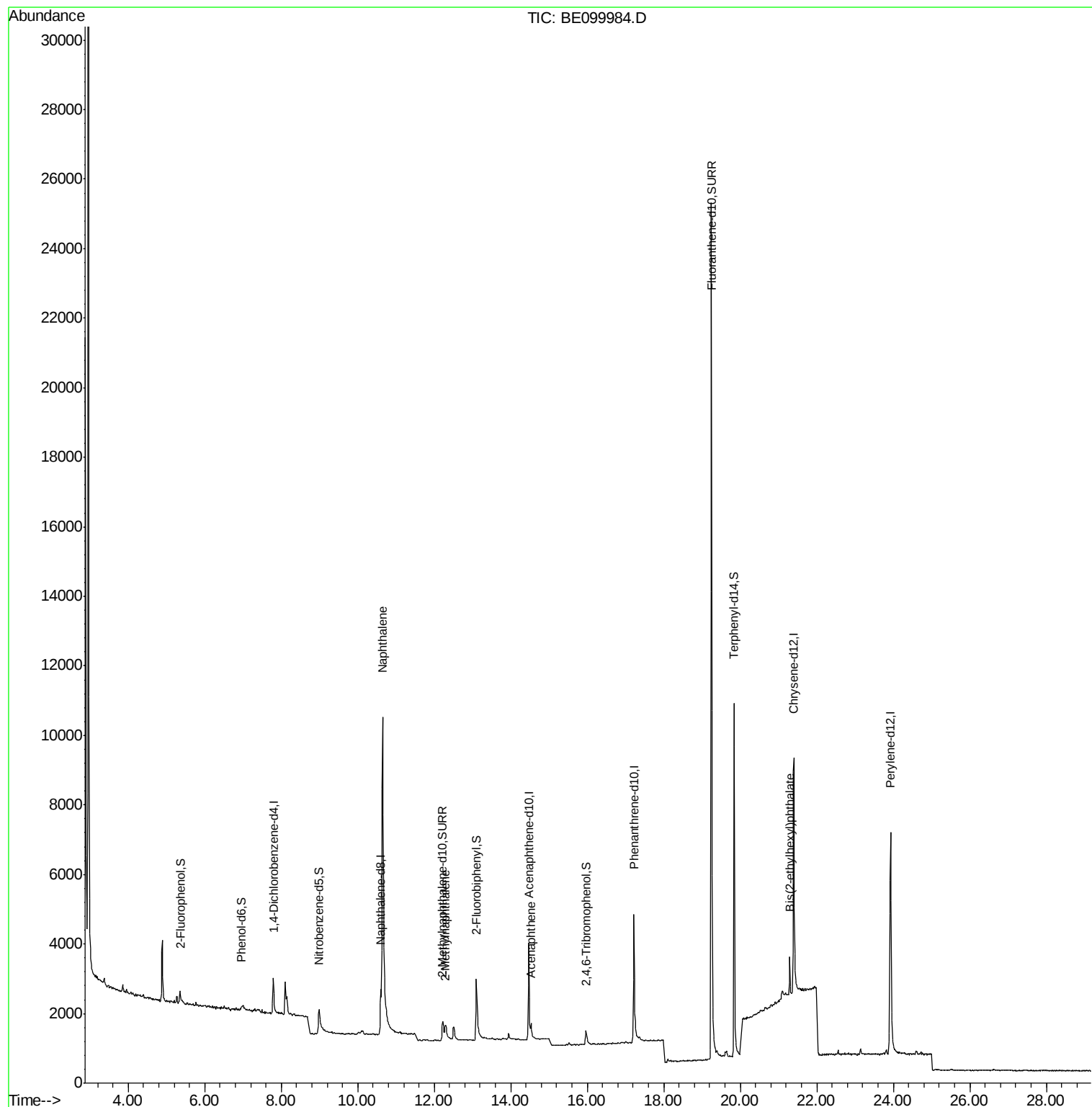
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	735	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	2697	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2202	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	7507	0.40	ng	0.00
27) Chrysene-d12	21.40	240	10271	0.40	ng	0.00
34) Perylene-d12	23.93	264	11727	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	285	0.14	ng	0.00
5) Phenol-d6	6.96	99	227	0.09	ng	0.00
8) Nitrobenzene-d5	8.99	82	823	0.32	ng	0.03
11) 2-Methylnaphthalene-d10	12.22	152	1491	0.32	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	500	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	3184	0.38	ng	0.00
25) Fluoranthene-d10	19.25	212	39028	0.36	ng	0.00
29) Terphenyl-d14	19.84	244	10910	0.59	ng	-0.01
Target Compounds						Qvalue
9) Naphthalene	10.65	128	25717	0.883	ng	98
12) 2-Methylnaphthalene	12.30	142	468	0.099	ng	# 89
17) Acenaphthene	14.53	154	202	0.034	ng	92
32) Bis(2-ethylhexyl)phthalate	21.29	149	1241	0.028	ng	# 95

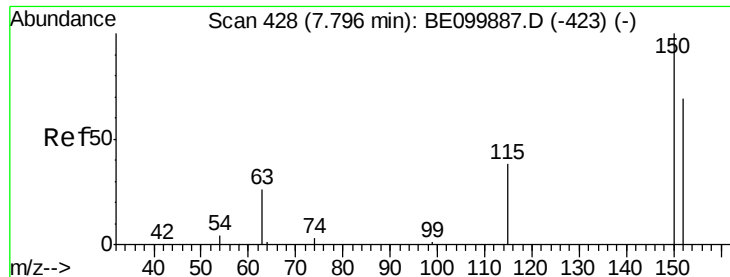
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 10 14:57:20 2019
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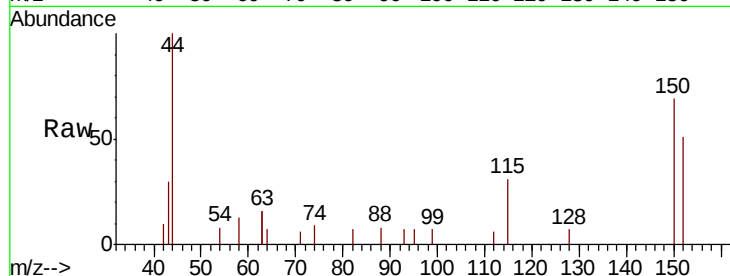


#1

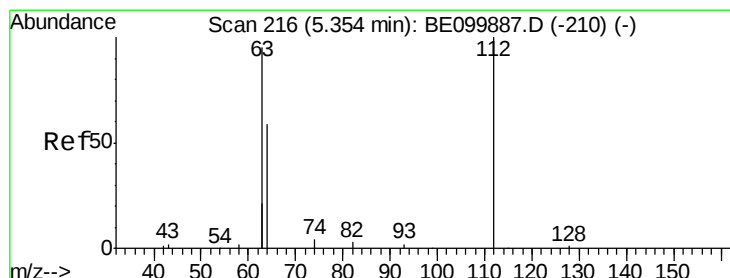
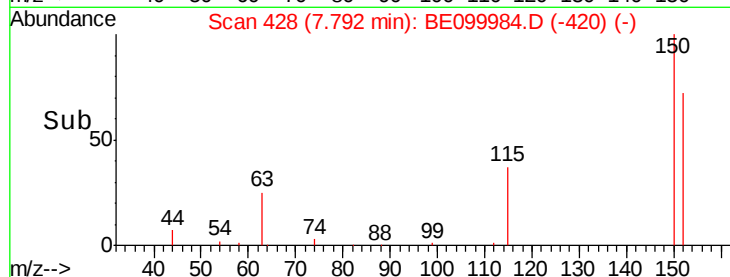
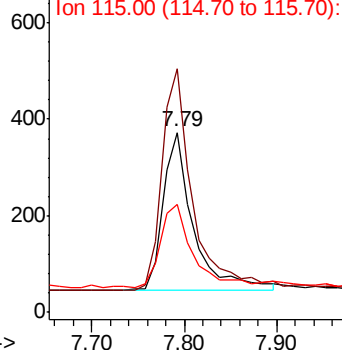
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.79 min Scan# 428
 Delta R.T. -0.00 min
 Lab File: BE099984.D
 Acq: 13 Jun 2019 11:45

Instrument :
 BNA_E
 ClientSampleId :
 GW-02

Tot Ion:152 Resp: 735
 Ion Ratio Lower Upper
 152 100
 150 135.1 111.0 166.6
 115 60.1 50.7 76.1



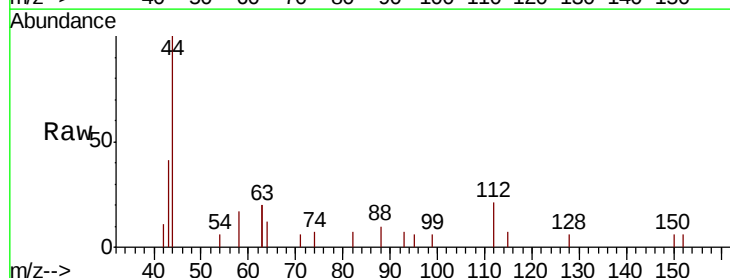
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



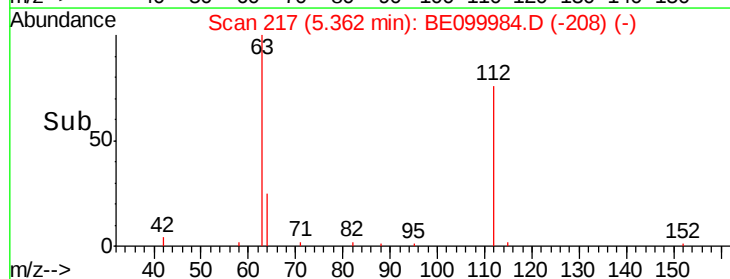
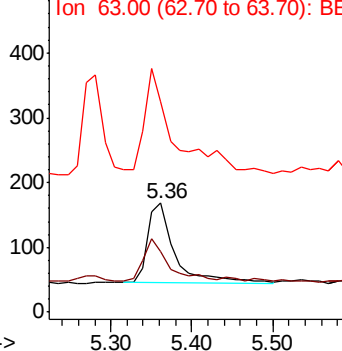
#4

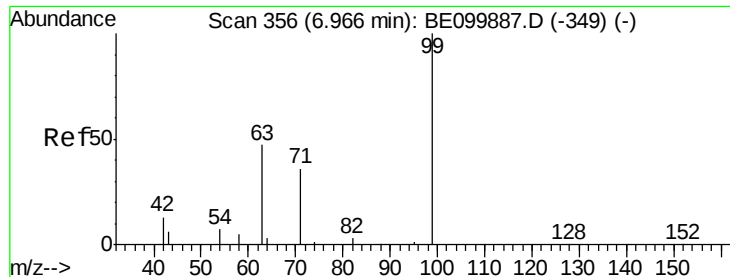
2-Fluorophenol
 Concen: 0.144 ng
 RT: 5.36 min Scan# 217
 Delta R.T. 0.01 min
 Lab File: BE099984.D
 Acq: 13 Jun 2019 11:45

Tgt Ion:112 Resp: 285
 Ion Ratio Lower Upper
 112 100
 64 49.1 44.1 66.1
 63 153.7 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: 0.089 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE099984.D

Acq: 13 Jun 2019 11:45

Instrument :

BNA_E

ClientSampleId :

GW-02

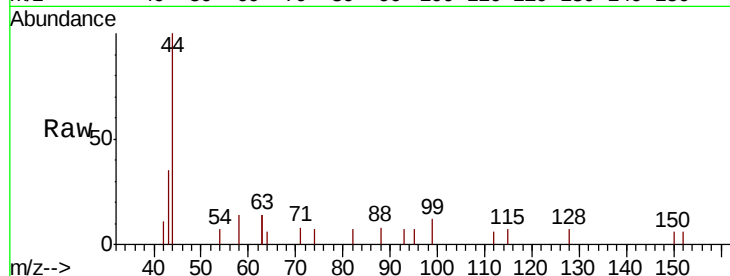
Tot Ion: 99 Resp: 227

Ion Ratio Lower Upper

99 100

42 18.9 15.9 23.9

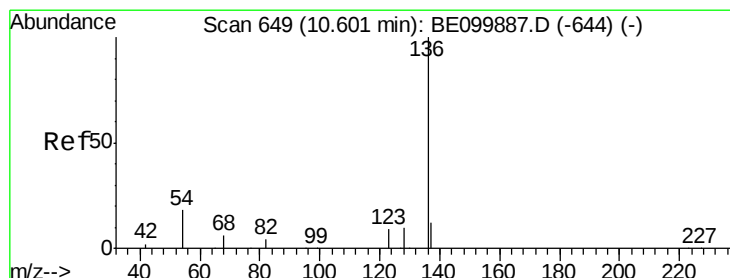
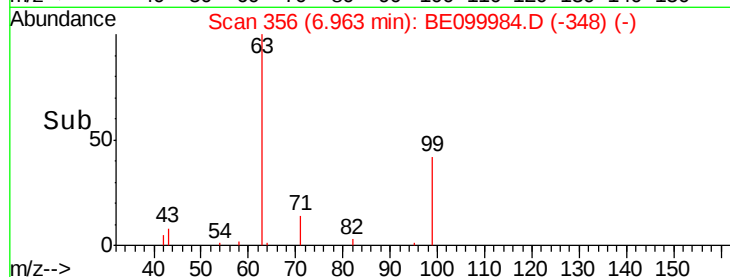
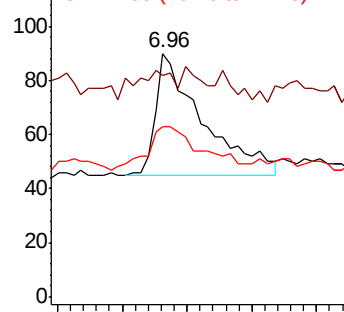
71 40.1 34.6 52.0



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: 10.60 min Scan# 649

Delta R.T. 0.00 min

Lab File: BE099984.D

Acq: 13 Jun 2019 11:45

Tgt Ion: 136 Resp: 2697

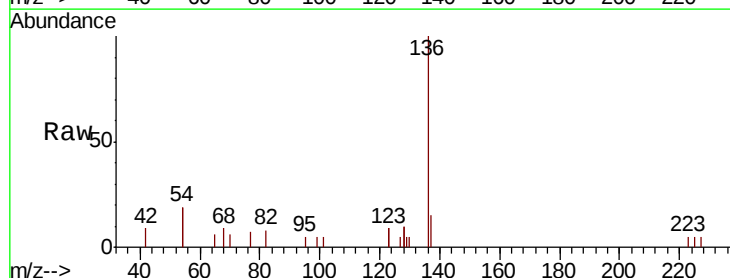
Ion Ratio Lower Upper

136 100

137 15.1 12.3 18.5

54 37.6 28.2 42.4

68 9.3 7.8 11.8

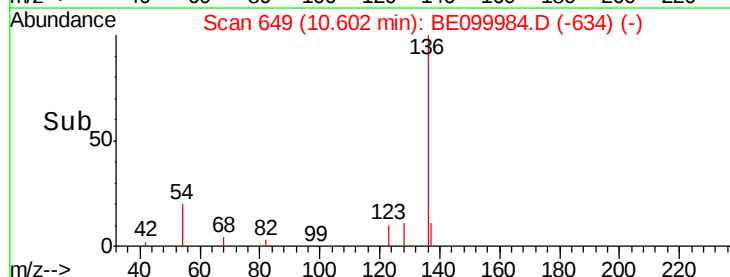
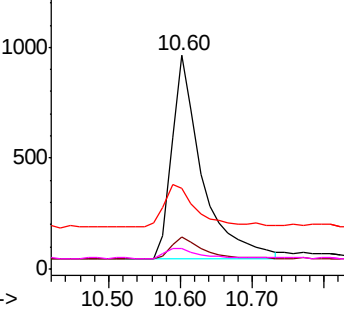


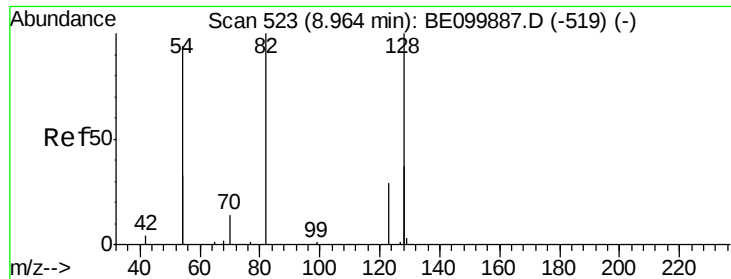
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.322 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.03 min

Lab File: BE099984.D

Acq: 13 Jun 2019 11:45

Instrument :

BNA_E

ClientSampleId :

GW-02

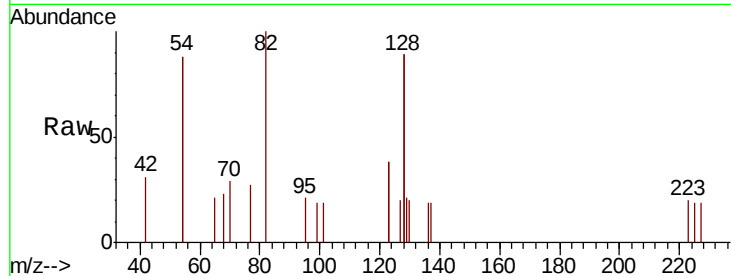
Tot Ion: 82 Resp: 823

Ion Ratio Lower Upper

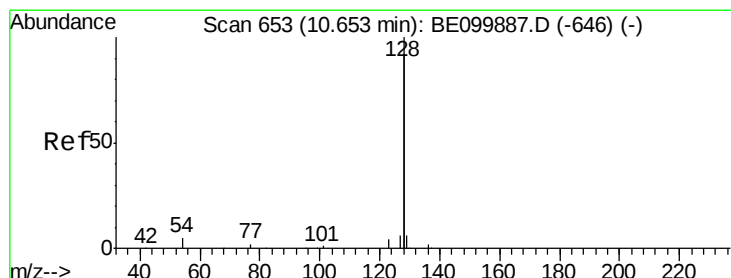
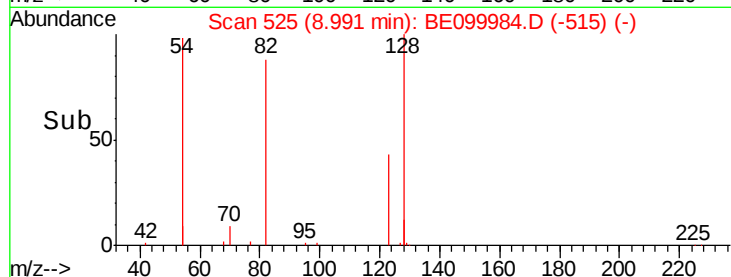
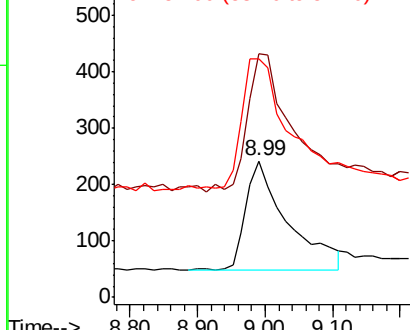
82 100

128 178.5 137.3 205.9

54 175.2 129.7 194.5



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: 0.883 ng

RT: 10.65 min Scan# 653

Delta R.T. 0.00 min

Lab File: BE099984.D

Acq: 13 Jun 2019 11:45

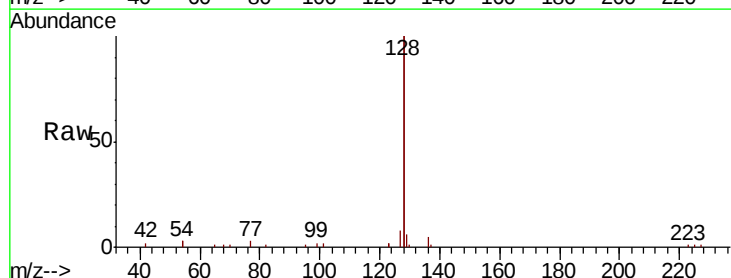
Tgt Ion:128 Resp: 25717

Ion Ratio Lower Upper

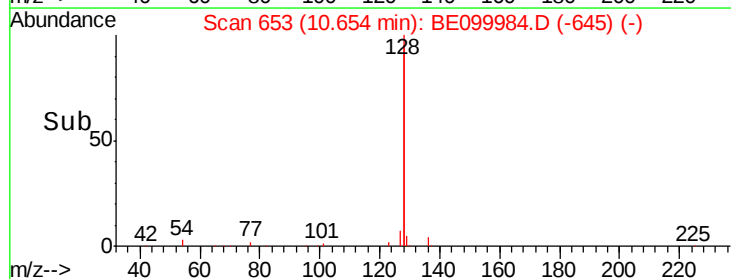
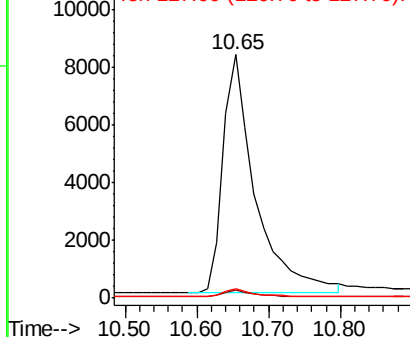
128 100

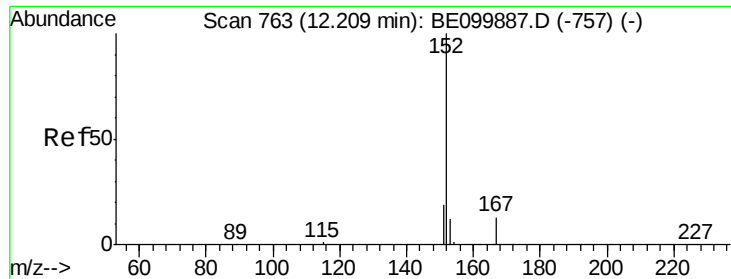
129 3.1 3.0 4.6

127 3.8 3.4 5.0



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

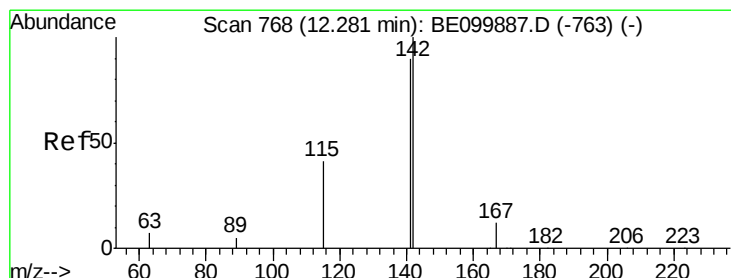
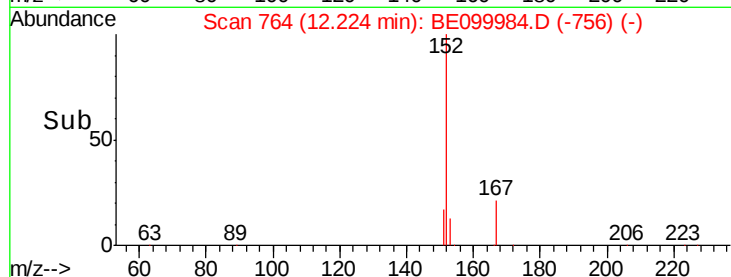
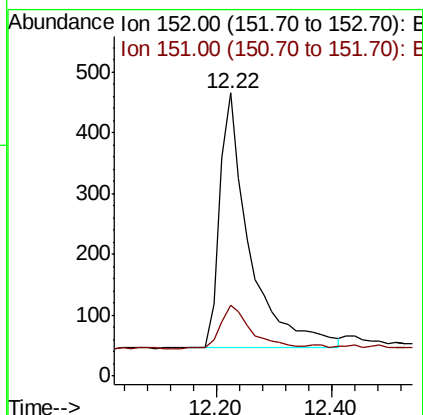
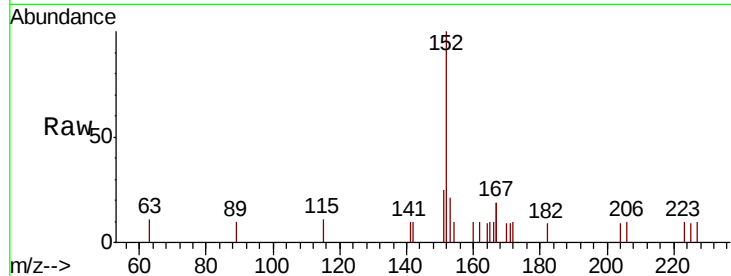




#11
2-Methylnaphthalene-d10
Concen: 0.317 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.01 min
Lab File: BE099984.D
Acq: 13 Jun 2019 11:45

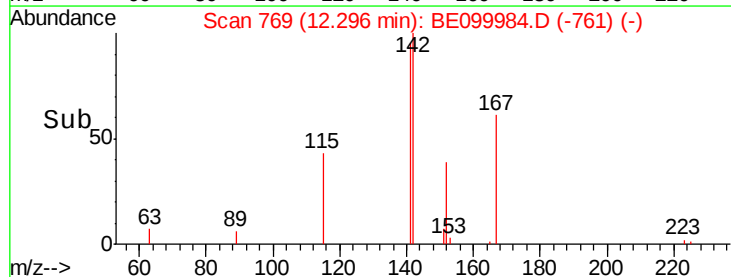
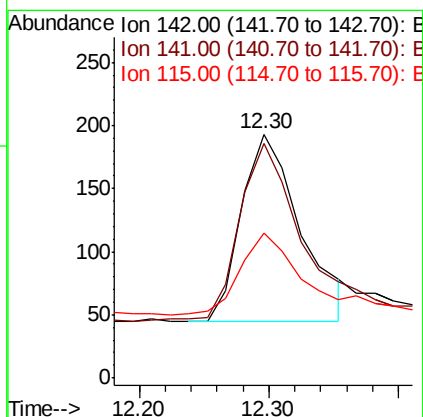
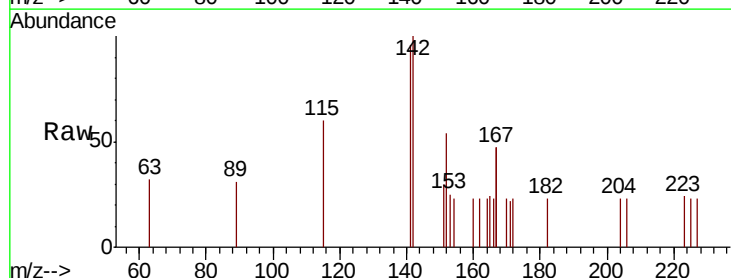
Instrument :
BNA_E
ClientSampleId :
GW-02

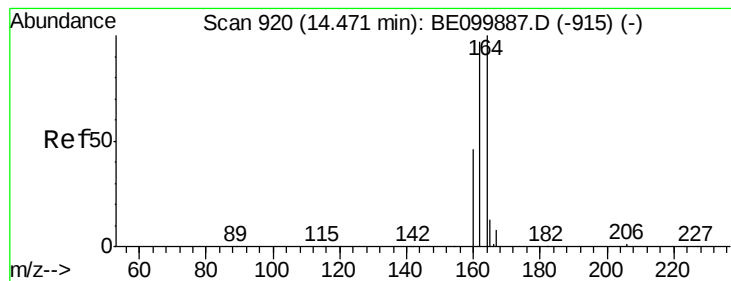
Tot Ion:152 Resp: 1491
Ion Ratio Lower Upper
152 100
151 18.3 15.2 22.8



#12
2-Methylnaphthalene
Concen: 0.099 ng
RT: 12.30 min Scan# 769
Delta R.T. 0.01 min
Lab File: BE099984.D
Acq: 13 Jun 2019 11:45

Tgt Ion:142 Resp: 468
Ion Ratio Lower Upper
142 100
141 96.4 72.3 108.5
115 59.6 36.4 54.6#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. 0.00 min

Lab File: BE099984.D

Acq: 13 Jun 2019 11:45

Instrument :

BNA_E

ClientSampled :

GW-02

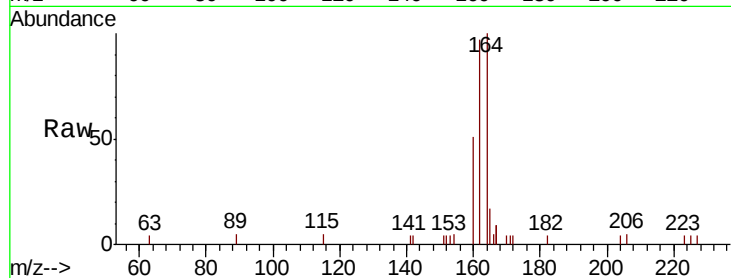
Tot Ion:164 Resp: 2202

Ion Ratio Lower Upper

164 100

162 97.2 77.8 116.8

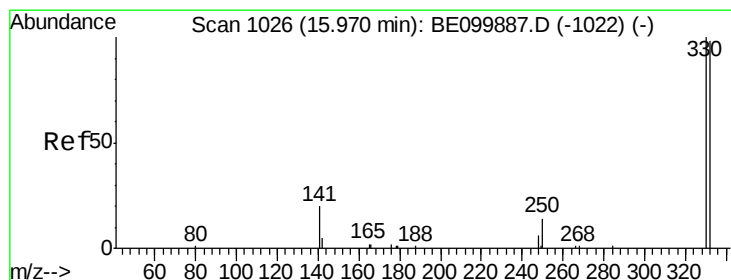
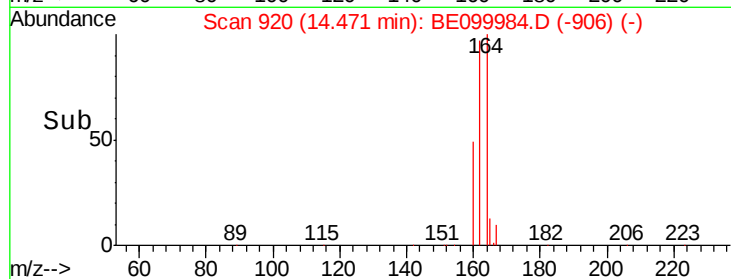
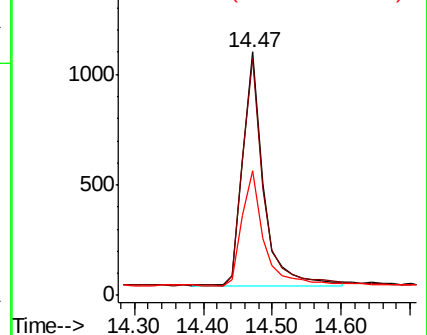
160 51.4 38.2 57.4



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: 0.307 ng

RT: 15.97 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BE099984.D

Acq: 13 Jun 2019 11:45

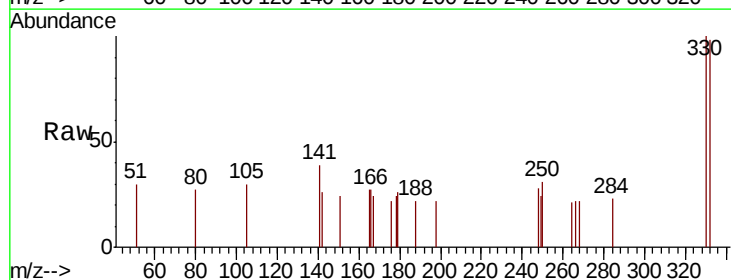
Tgt Ion:330 Resp: 500

Ion Ratio Lower Upper

330 100

332 94.0 76.7 115.1

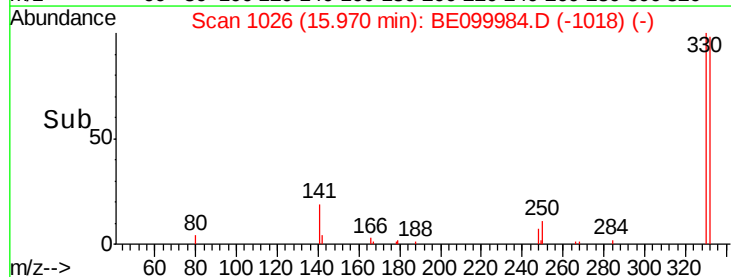
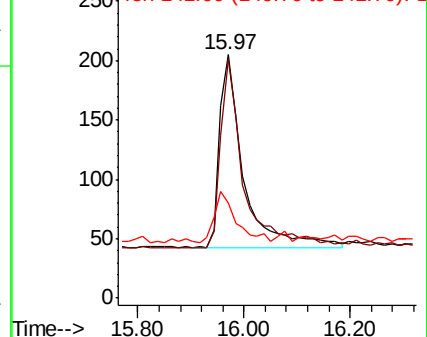
141 24.0 21.0 31.6

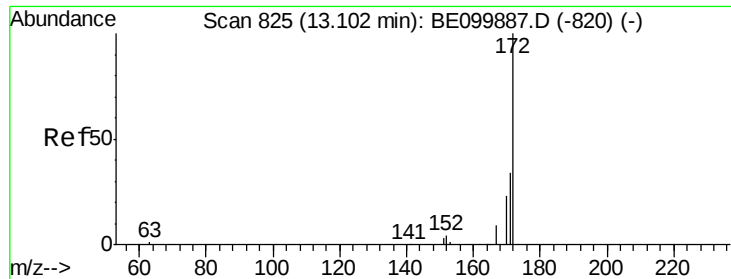


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

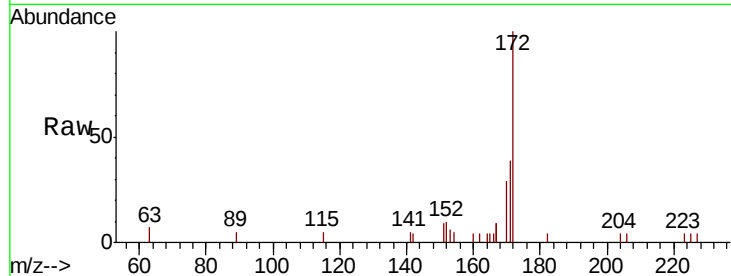




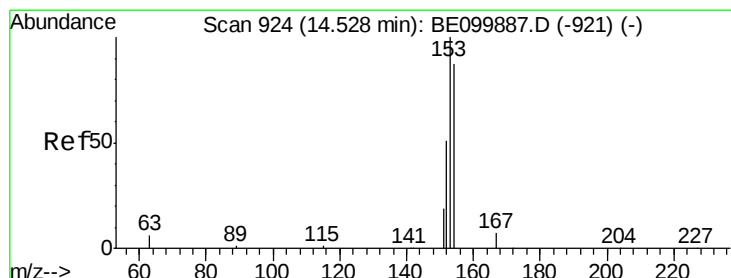
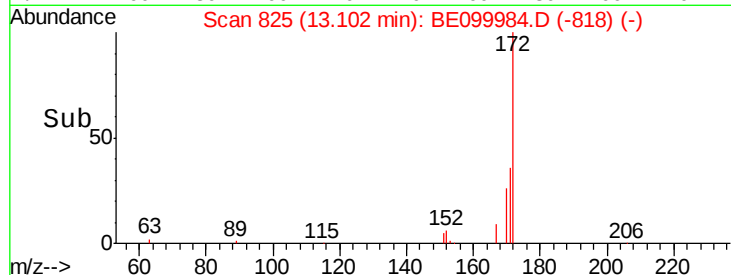
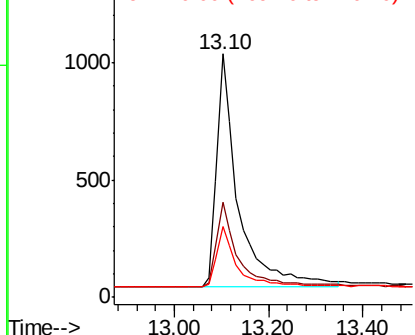
#15
2-Fluorobiphenyl
Concen: 0.381 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099984.D
Acq: 13 Jun 2019 11:45

Instrument :
BNA_E
ClientSampled :
GW-02

Tot Ion:172 Resp: 3184
Ion Ratio Lower Upper
172 100
171 39.2 29.2 43.8
170 29.2 21.2 31.8

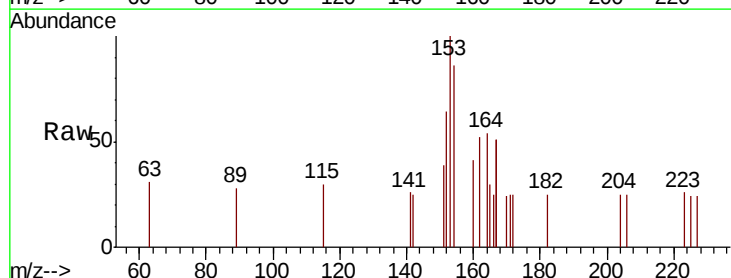


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

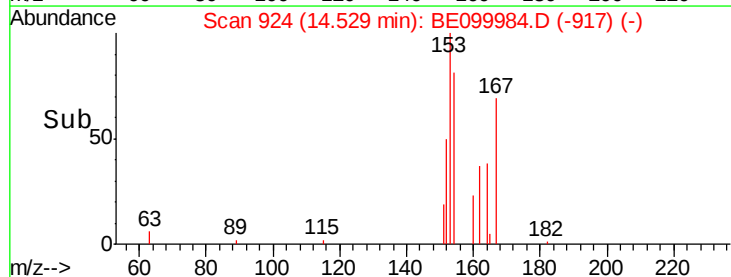
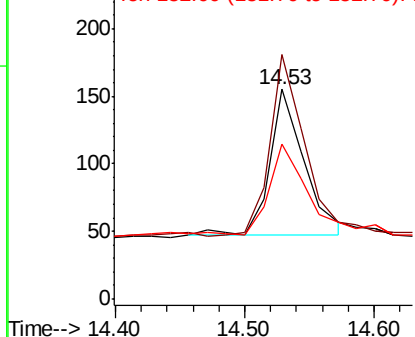


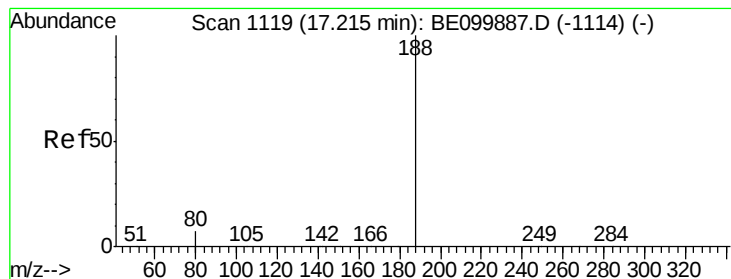
#17
Acenaphthene
Concen: 0.034 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE099984.D
Acq: 13 Jun 2019 11:45

Tgt Ion:154 Resp: 202
Ion Ratio Lower Upper
154 100
153 125.7 93.1 139.7
152 64.4 47.0 70.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

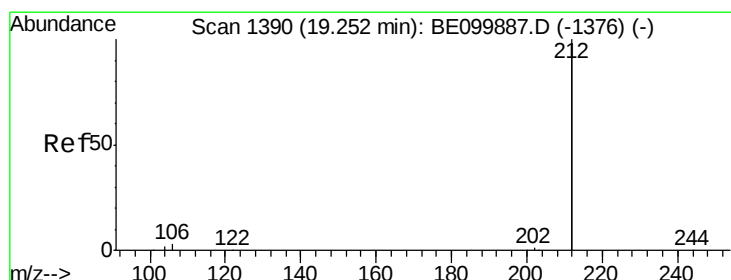
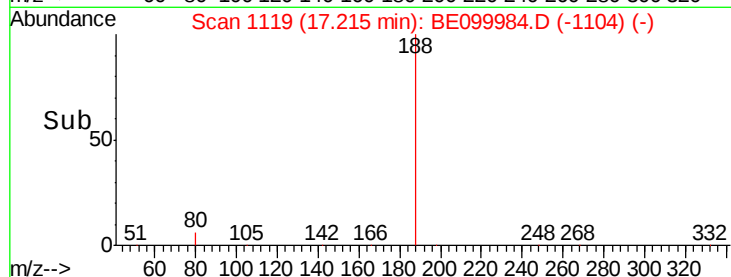
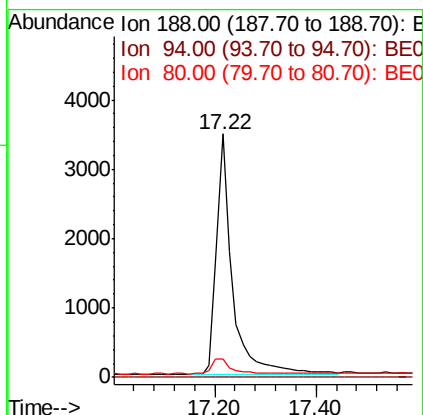
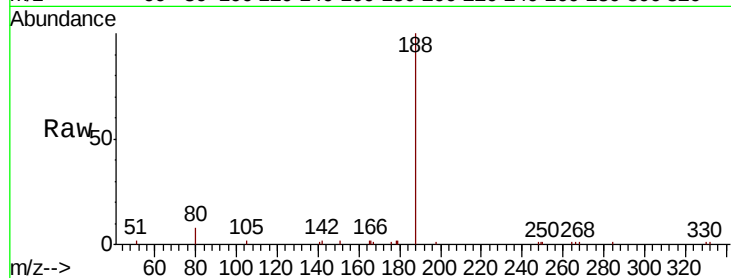




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE099984.D
Acq: 13 Jun 2019 11:45

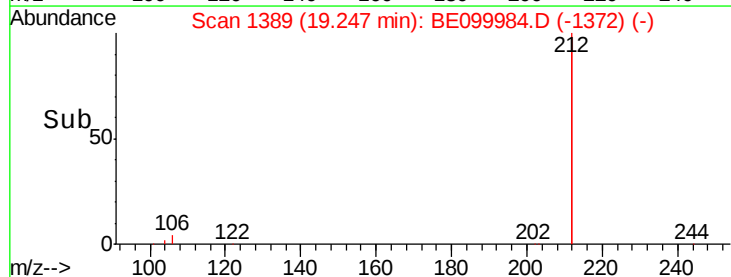
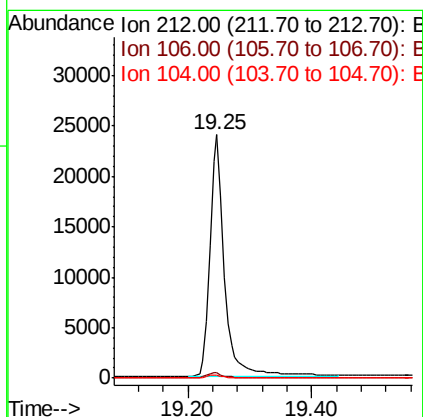
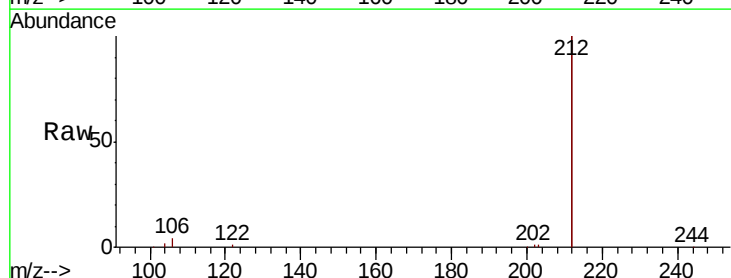
Instrument :
BNA_E
ClientSampleId :
GW-02

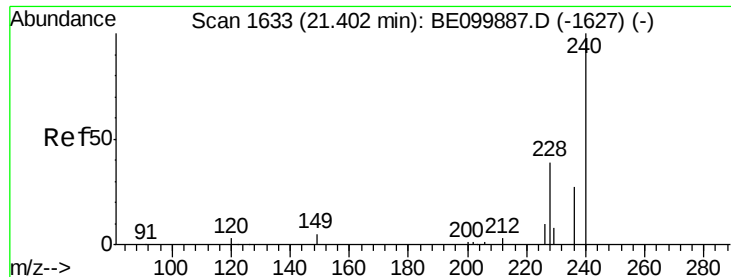
Tot Ion:188 Resp: 7507
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.6 6.4 9.6



#25
Fluoranthene-d10
Concen: 0.357 ng
RT: 19.25 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BE099984.D
Acq: 13 Jun 2019 11:45

Tgt Ion:212 Resp: 39028
Ion Ratio Lower Upper
212 100
106 1.9 1.4 2.2
104 1.1 0.9 1.3

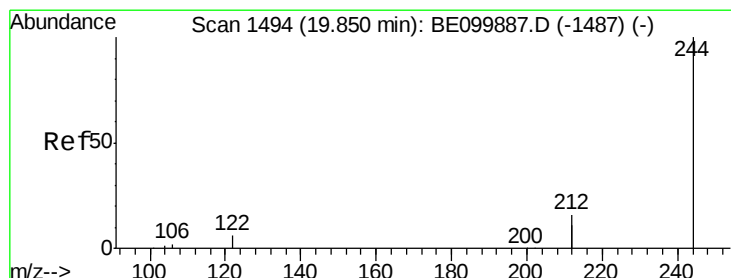
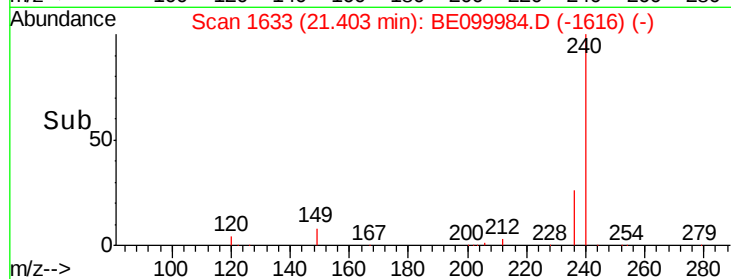
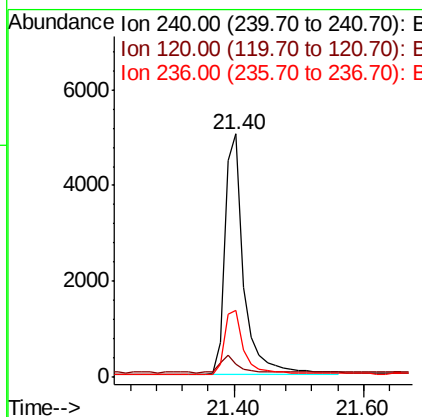
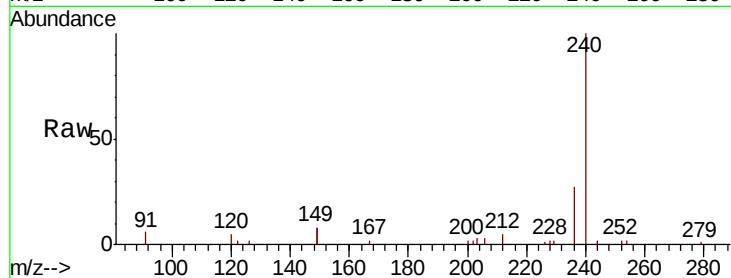




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: BE099984.D
 Acq: 13 Jun 2019 11:45

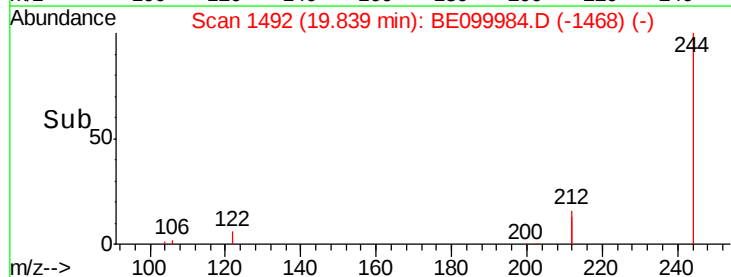
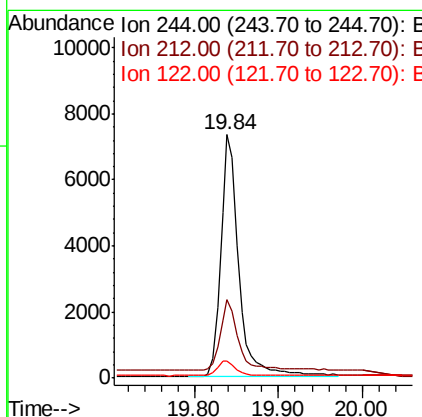
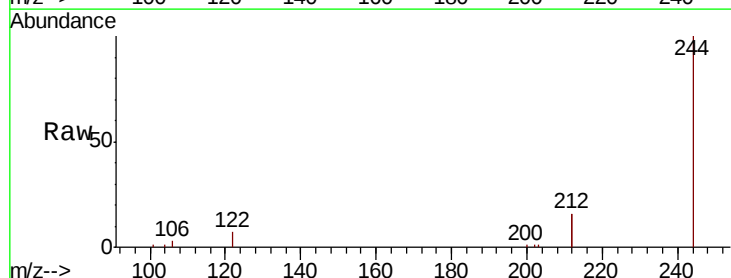
Instrument :
 BNA_E
 ClientSampleID :
 GW-02

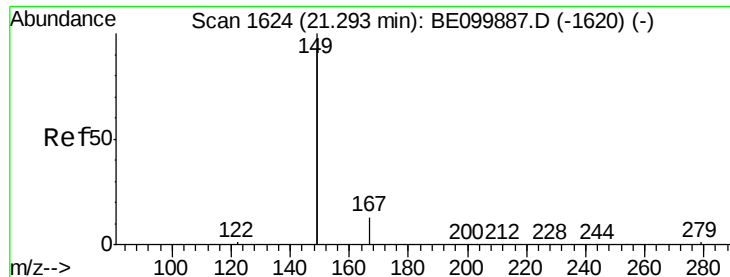
Tot Ion:240 Resp: 10271
 Ion Ratio Lower Upper
 240 100
 120 5.4 3.8 5.6
 236 27.5 22.0 33.0



#29
 Terphenyl-d14
 Concen: 0.590 ng
 RT: 19.84 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BE099984.D
 Acq: 13 Jun 2019 11:45

Tgt Ion:244 Resp: 10910
 Ion Ratio Lower Upper
 244 100
 212 32.3 25.7 38.5
 122 7.2 5.5 8.3

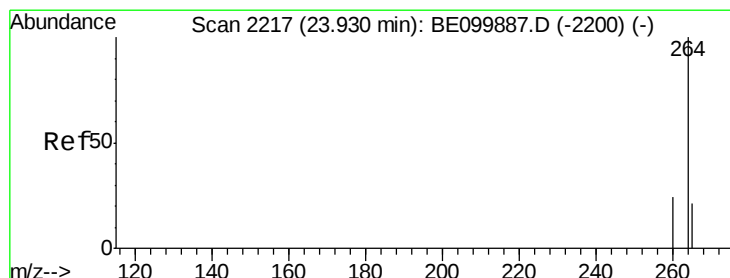
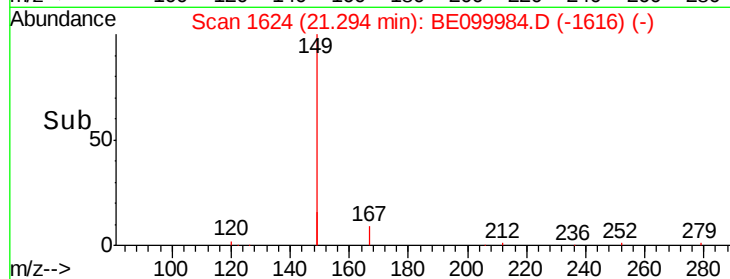
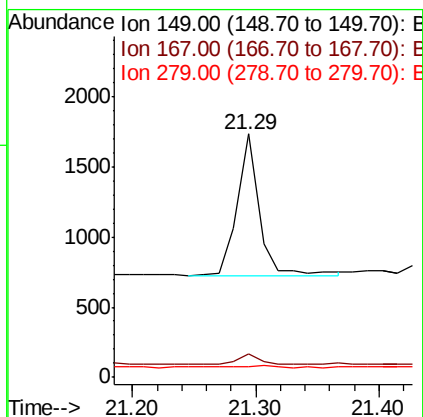
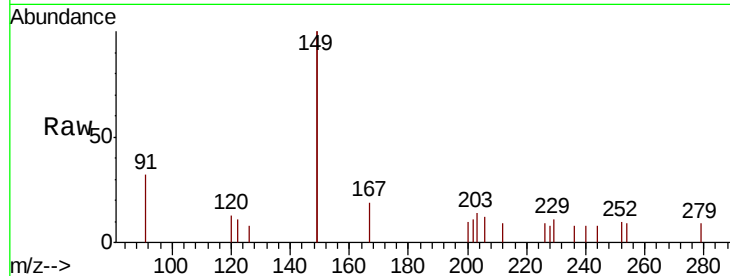




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.028 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BE099984.D
 Acq: 13 Jun 2019 11:45

Instrument :
 BNA_E
 ClientSampleId :
 GW-02

Tot Ion:149 Resp: 1241
 Ion Ratio Lower Upper
 149 100
 167 9.2 5.9 8.9#
 279 4.1 1.2 1.8#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.93 min Scan# 2216
 Delta R.T. -0.00 min
 Lab File: BE099984.D
 Acq: 13 Jun 2019 11:45

Tgt Ion:264 Resp: 11727
 Ion Ratio Lower Upper
 264 100
 260 25.8 20.2 30.2
 265 28.6 22.0 33.0

