

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112219\
 Data File : BE100763.D
 Acq On : 22 Nov 2019 18:21
 Operator : JU
 Sample : K5949-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-191119

Quant Time: Nov 23 04:24:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE112119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 22 06:40:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	5615	0.40	ng	0.00
7) Naphthalene-d8	10.55	136	23607	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	12752	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	31000	0.40	ng	0.00
27) Chrysene-d12	21.32	240	34150	0.40	ng	0.00
34) Perylene-d12	23.77	264	39106	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.37	112	3733	0.25	ng	0.00
5) Phenol-d6	6.93	99	4109	0.19	ng	0.00
8) Nitrobenzene-d5	8.90	82	4654	0.61	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	12263	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	981	0.55	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	19316	0.39	ng	0.00
25) Fluoranthene-d10	19.17	212	153873	0.41	ng	0.00
29) Terphenyl-d14	19.77	244	35308	0.45	ng	0.00

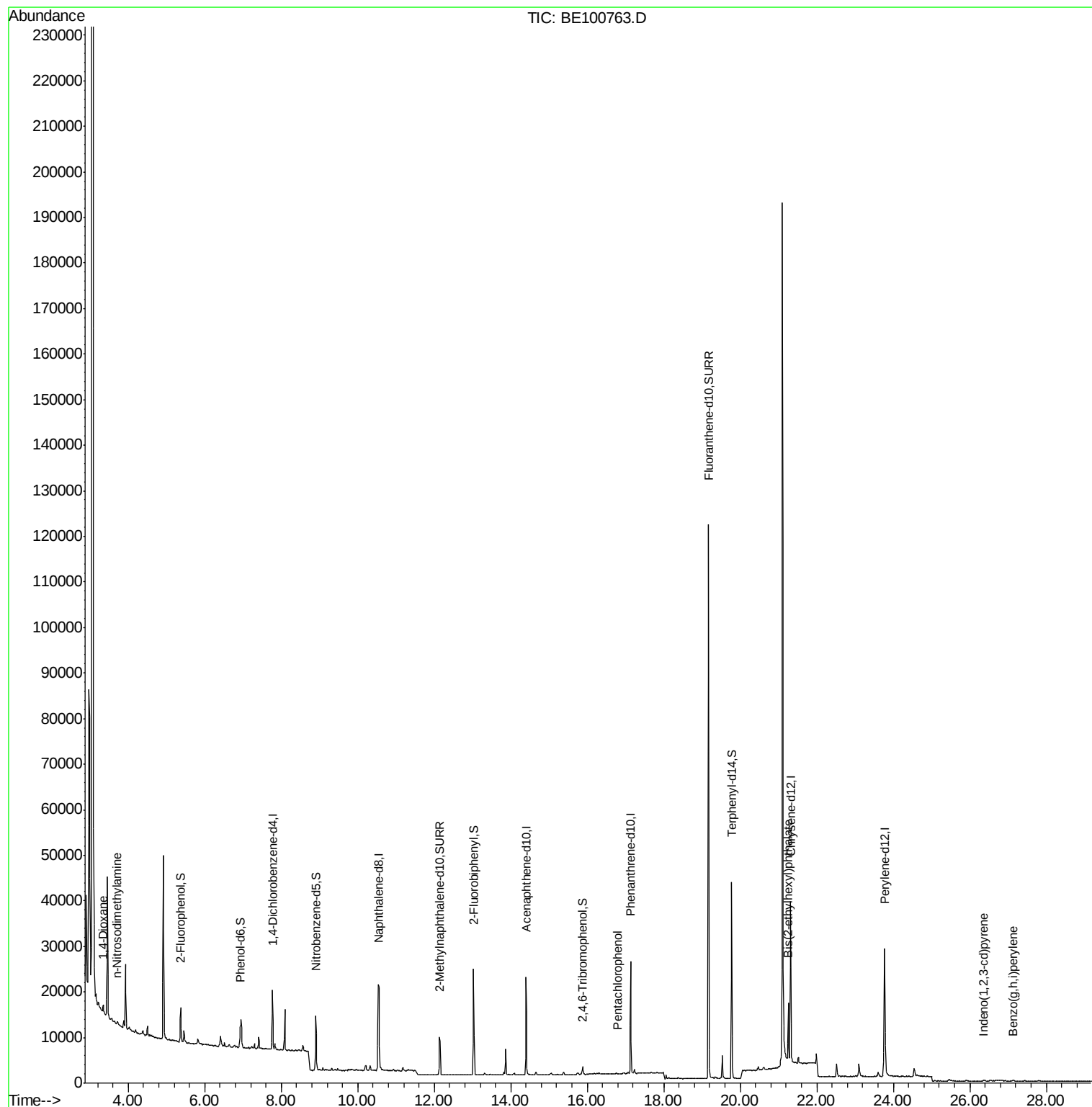
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.35	88	1399	0.133	ng	# 33
3) n-Nitrosodimethylamine	3.71	42	160	0.191	ng	# 84
22) Pentachlorophenol	16.79	266	26	0.064	ng	# 74
32) Bis(2-ethylhexyl)phthalate	21.26	149	14936	0.046	ng	99
33) Indeno(1,2,3-cd)pyrene	26.35	276	112	0.038	ng	# 80
39) Benzo(q,h,i)perylene	27.11	276	28	0.022	ng	# 1

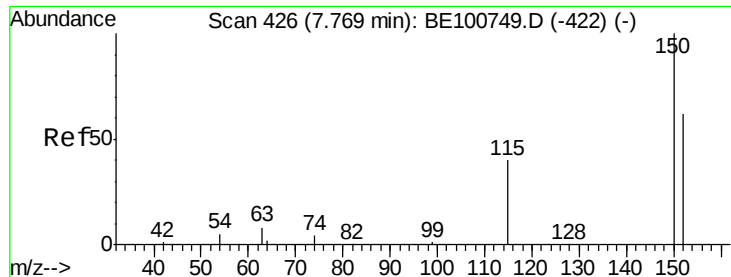
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112219\
Data File : BE100763.D
Acq On : 22 Nov 2019 18:21
Operator : JU
Sample : K5949-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-191119

Quant Time: Nov 23 04:24:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE112119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 06:40:44 2019
Response via : Initial Calibration



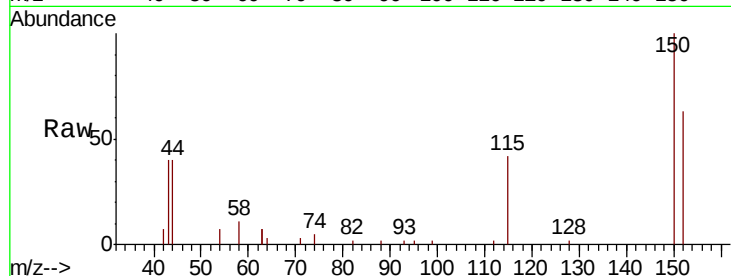


#1

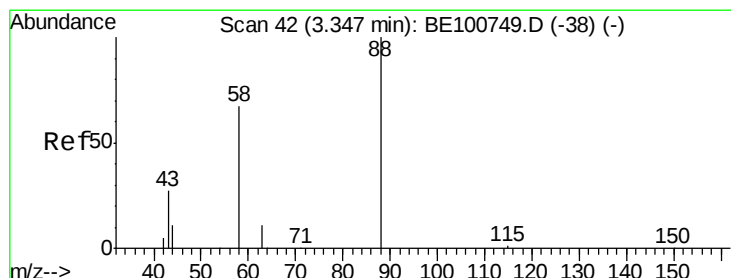
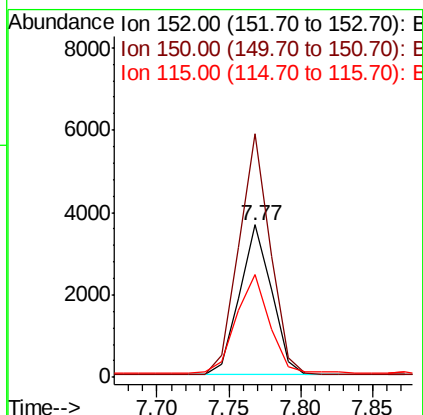
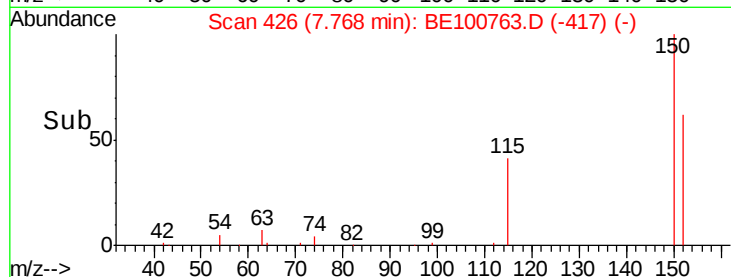
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.77 min Scan# 426
Delta R.T. -0.00 min
Lab File: BE100763.D
Acq: 22 Nov 2019 18:21

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-191119

Tot Ion:152 Resp: 5615
Ion Ratio Lower Upper
152 100
150 159.9 127.1 190.7
115 67.9 53.0 79.4



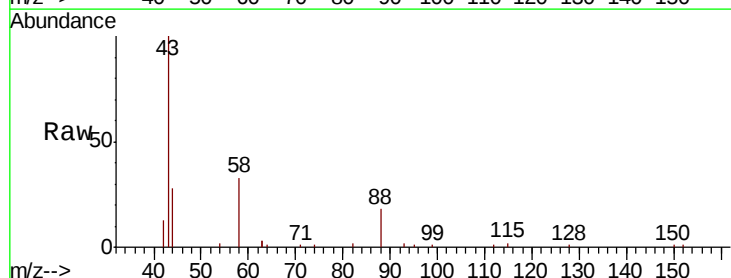
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



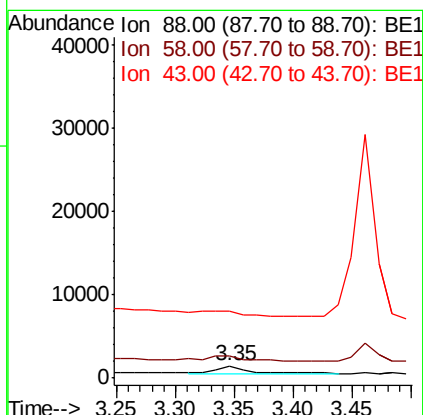
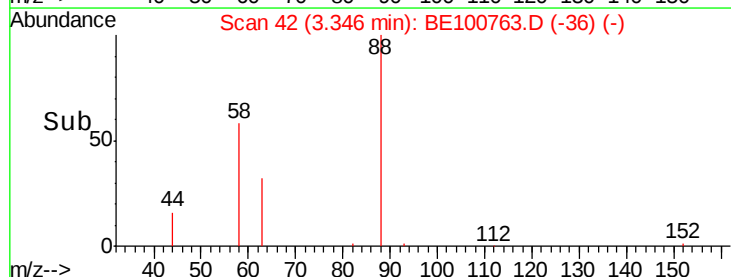
#2

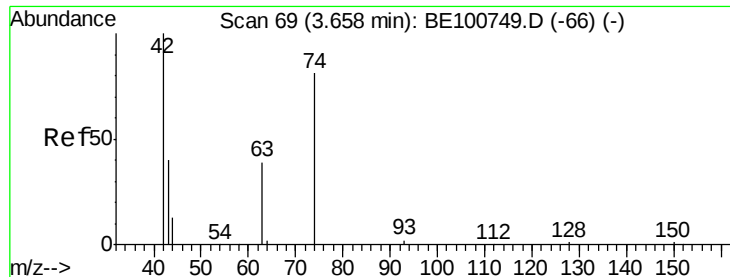
1,4-Dioxane
Concen: 0.133 ng
RT: 3.35 min Scan# 42
Delta R.T. -0.00 min
Lab File: BE100763.D
Acq: 22 Nov 2019 18:21

Tgt Ion: 88 Resp: 1399
Ion Ratio Lower Upper
88 100
58 136.2 60.7 91.1#
43 0.0 27.4 41.2#



Abundance Ion 88.00 (87.70 to 88.70): BE1
Ion 58.00 (57.70 to 58.70): BE1
Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.191 ng

RT: 3.71 min Scan# 74

Delta R.T. 0.06 min

Lab File: BE100763.D

Acq: 22 Nov 2019 18:21

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-191119

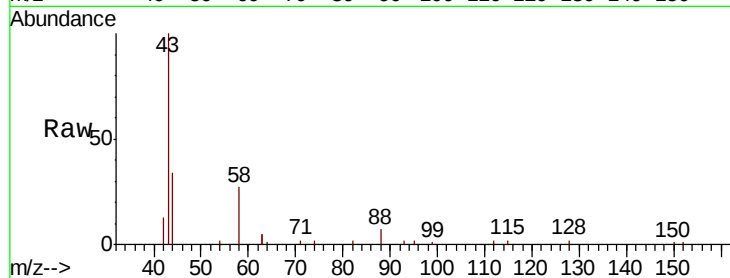
Tot Ion: 42 Resp: 160

Ion Ratio Lower Upper

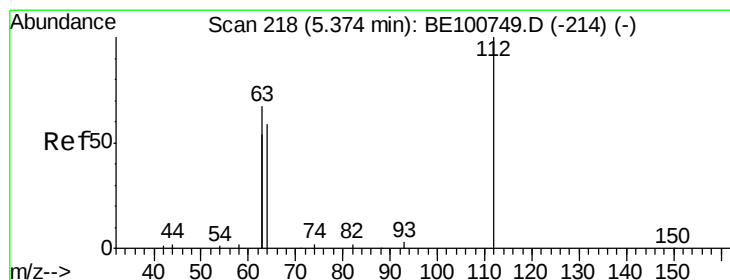
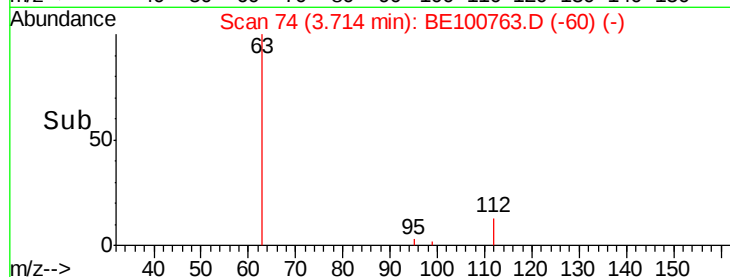
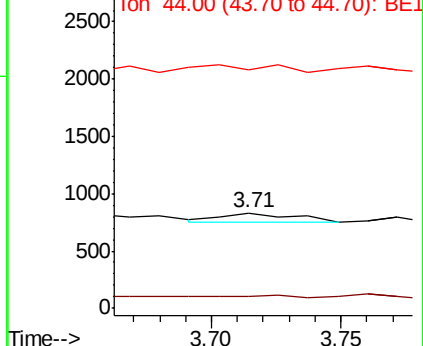
42 100

74 20.6 0.0 0.0#

44 0.0 4.2 6.4#



Abundance Ion 42.00 (41.70 to 42.70): BE1
Ion 74.00 (73.70 to 74.70): BE1
Ion 44.00 (43.70 to 44.70): BE1



#4

2-Fluorophenol

Concen: 0.246 ng

RT: 5.37 min Scan# 218

Delta R.T. -0.00 min

Lab File: BE100763.D

Acq: 22 Nov 2019 18:21

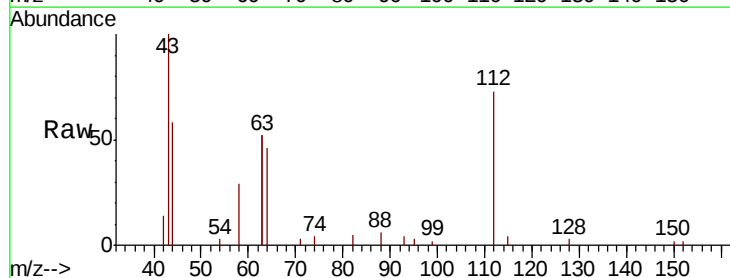
Tgt Ion: 112 Resp: 3733

Ion Ratio Lower Upper

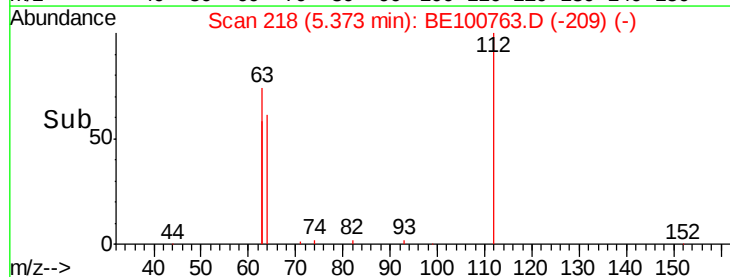
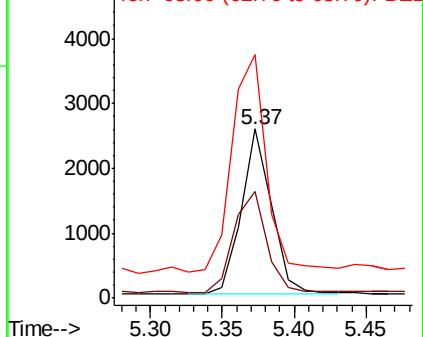
112 100

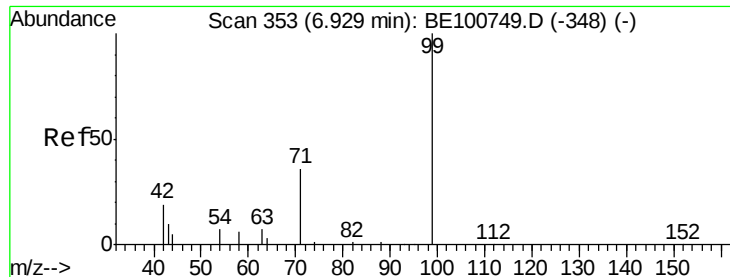
64 65.8 54.3 81.5

63 155.3 114.0 171.0



Abundance Ion 112.00 (111.70 to 112.70): BE1
Ion 64.00 (63.70 to 64.70): BE1
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.186 ng

RT: 6.93 min Scan# 353

Delta R.T. -0.00 min

Lab File: BE100763.D

Acq: 22 Nov 2019 18:21

Instrument :

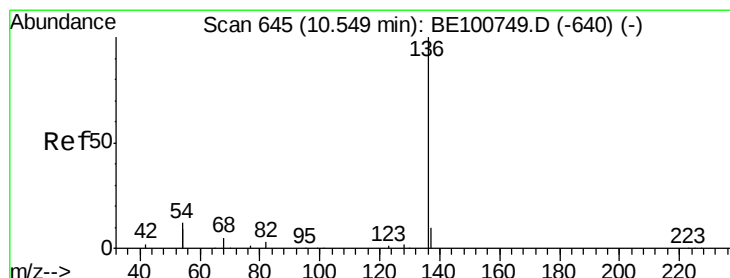
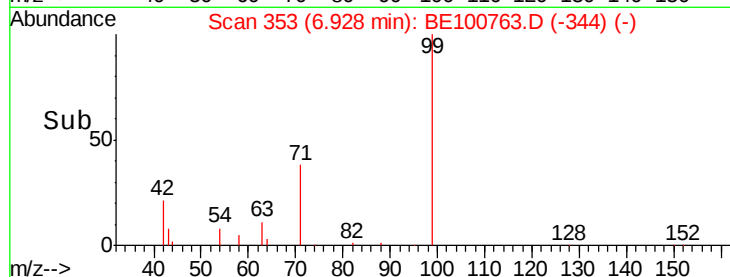
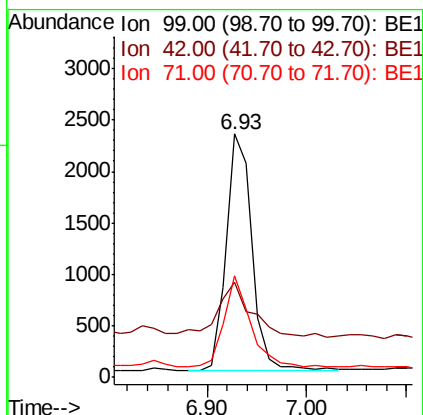
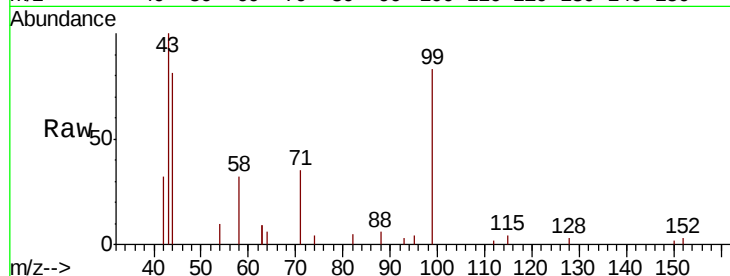
BNA_E

ClientSampleId :

OUTFALL001-191119

Tot Ion: 99 Resp: 4109

Ion	Ratio	Lower	Upper
99	100		
42	30.5	17.9	26.9#
71	39.4	29.3	43.9



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.55 min Scan# 646

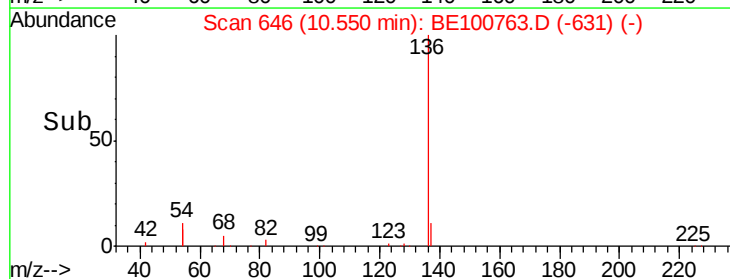
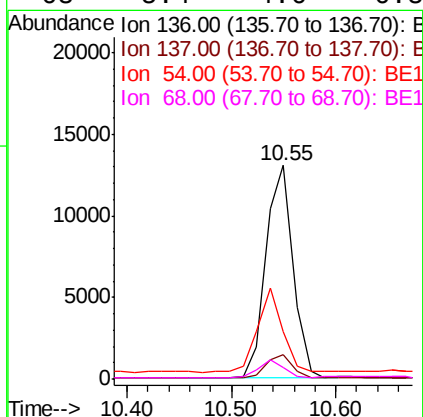
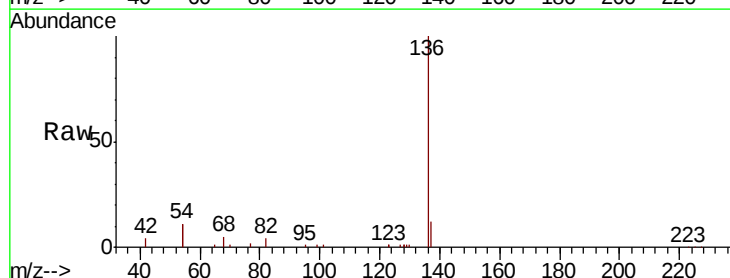
Delta R.T. 0.00 min

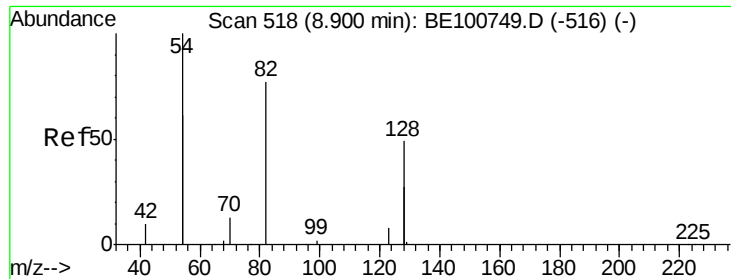
Lab File: BE100763.D

Acq: 22 Nov 2019 18:21

Tgt Ion: 136 Resp: 23607

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.6	12.8
54	22.3	19.4	29.0
68	5.4	4.6	6.8





#8

Nitrobenzene-d5

Concen: 0.615 ng

RT: 8.90 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE100763.D

Acq: 22 Nov 2019 18:21

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-191119

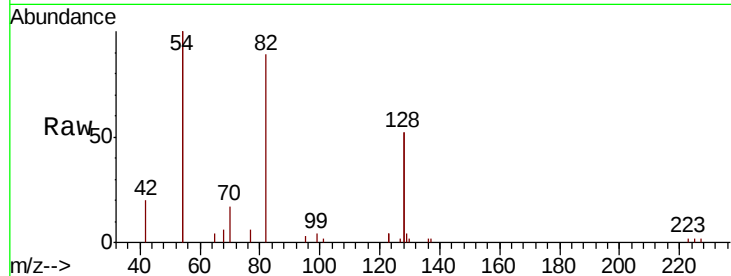
Tot Ion: 82 Resp: 4654

Ion Ratio Lower Upper

82 100

128 116.5 90.2 135.4

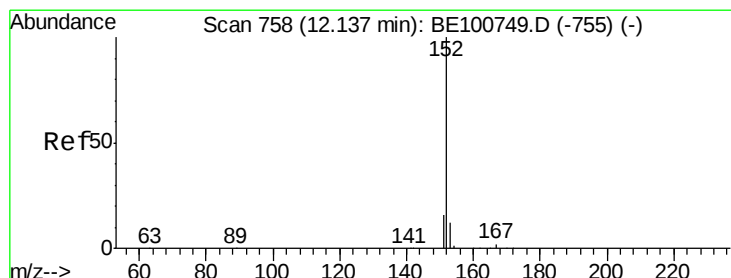
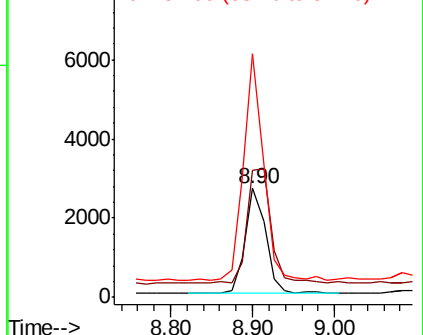
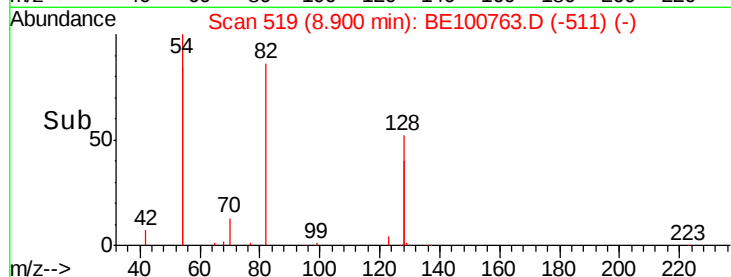
54 223.5 186.0 279.0



Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): BE1

Ion 54.00 (53.70 to 54.70): BE1



#11

2-Methylnaphthalene-d10

Concen: 0.354 ng

RT: 12.14 min Scan# 759

Delta R.T. -0.00 min

Lab File: BE100763.D

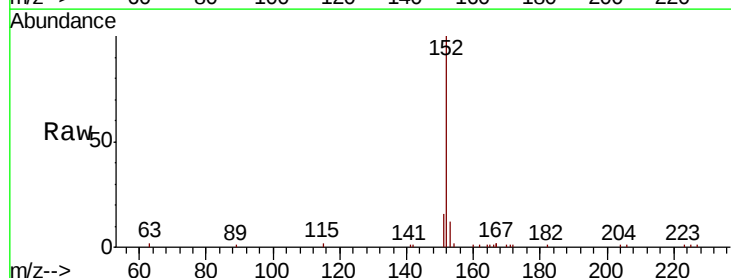
Acq: 22 Nov 2019 18:21

Tgt Ion: 152 Resp: 12263

Ion Ratio Lower Upper

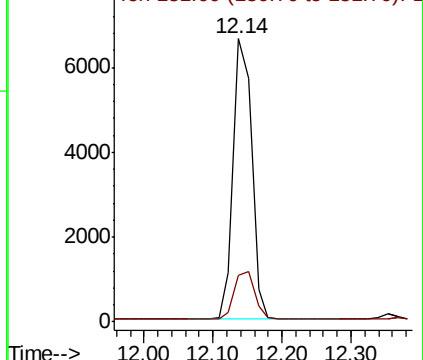
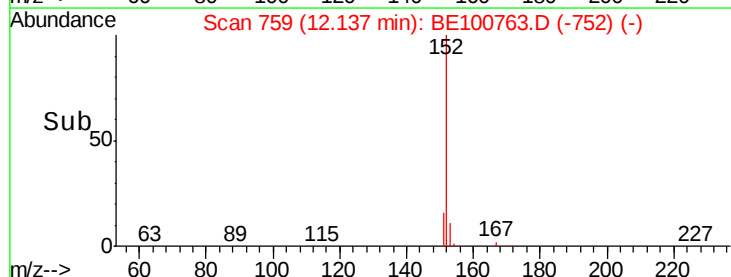
152 100

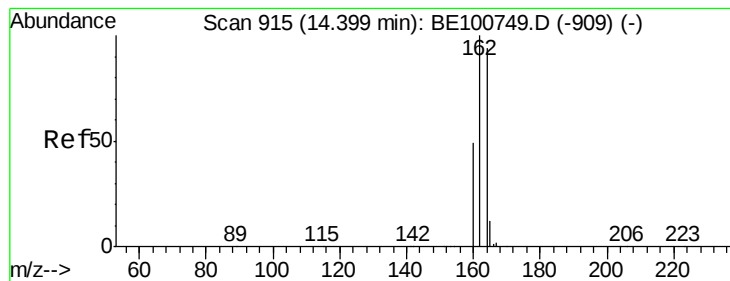
151 19.1 15.8 23.8



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: 14.40 min Scan# 916

Delta R.T. -0.00 min

Lab File: BE100763.D

Acq: 22 Nov 2019 18:21

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-191119

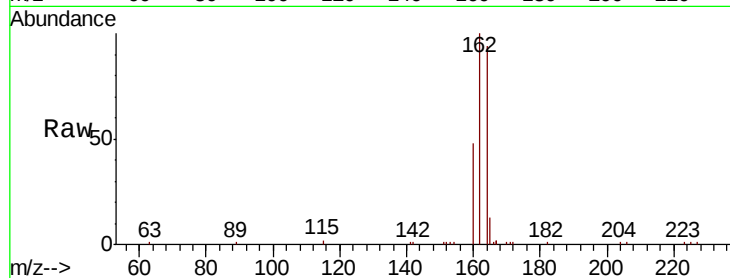
Tot Ion:164 Resp: 12752

Ion Ratio Lower Upper

164 100

162 106.5 84.8 127.2

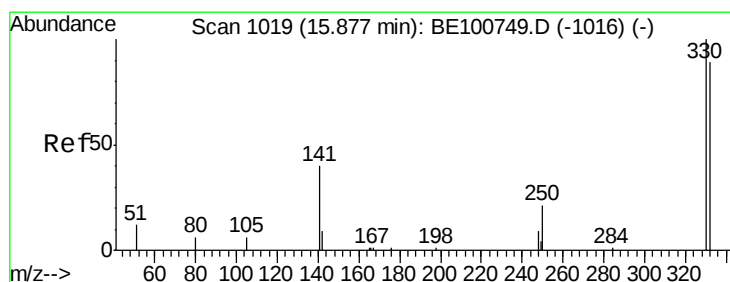
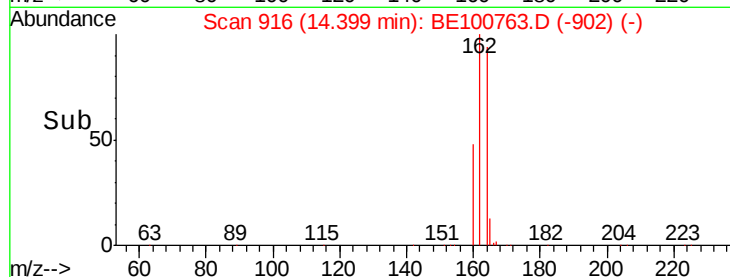
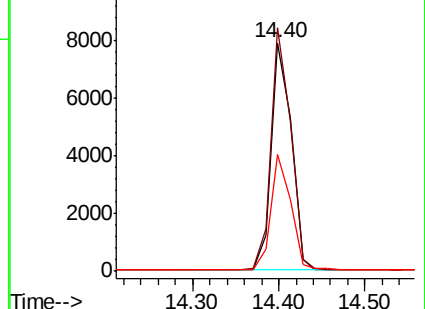
160 51.1 42.3 63.5



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: 0.546 ng

RT: 15.88 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BE100763.D

Acq: 22 Nov 2019 18:21

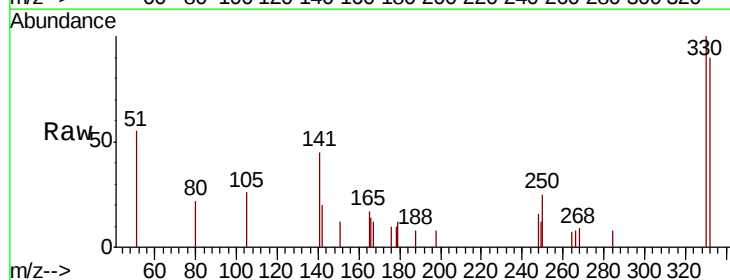
Tgt Ion:330 Resp: 981

Ion Ratio Lower Upper

330 100

332 93.5 79.3 118.9

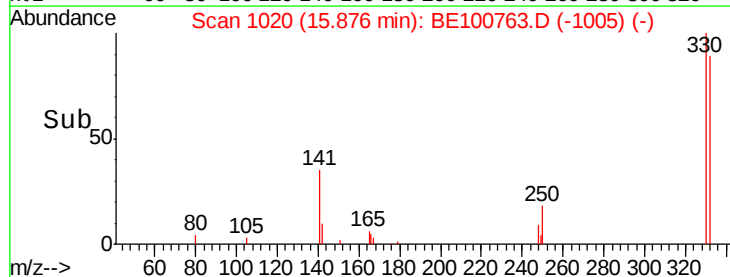
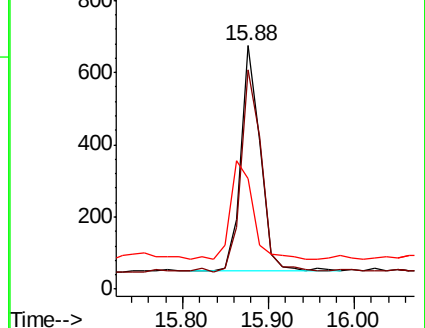
141 51.4 43.8 65.6

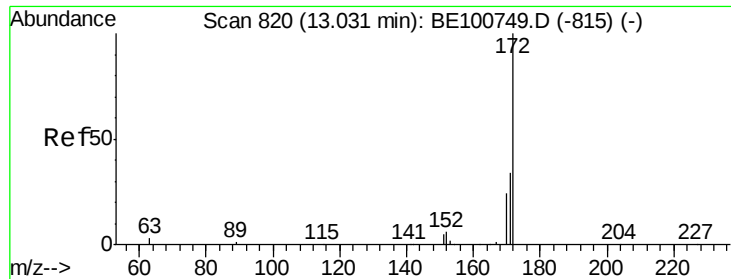


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

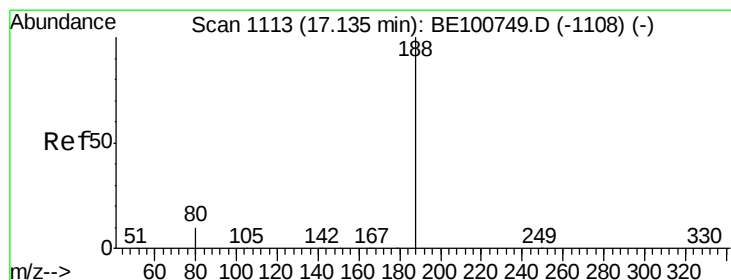
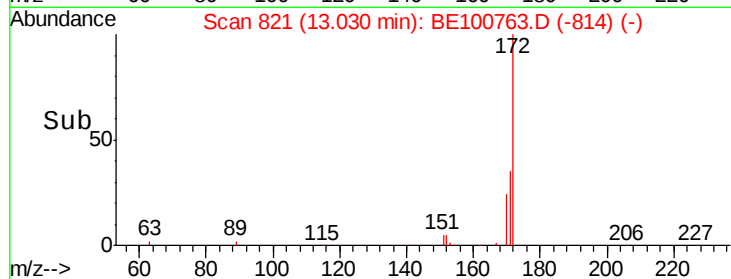
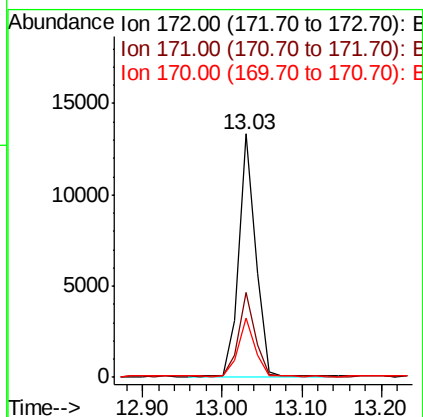
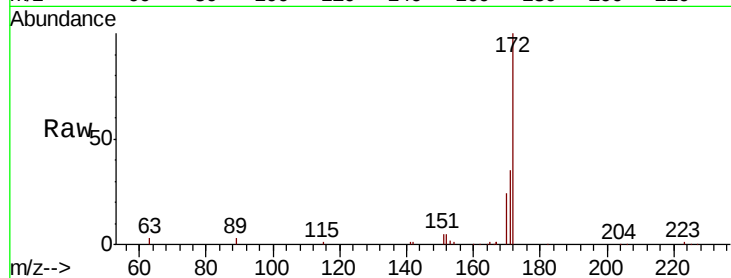




#15
2-Fluorobiphenyl
Concen: 0.390 ng
RT: 13.03 min Scan# 821
Delta R.T. -0.00 min
Lab File: BE100763.D
Acq: 22 Nov 2019 18:21

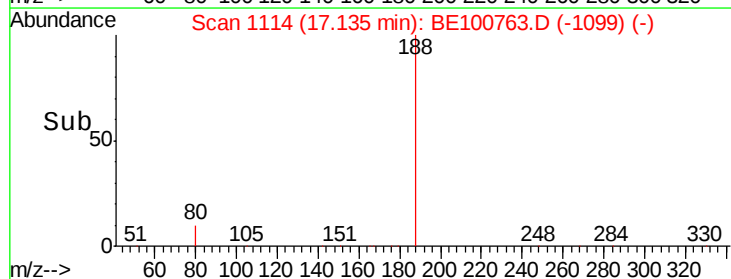
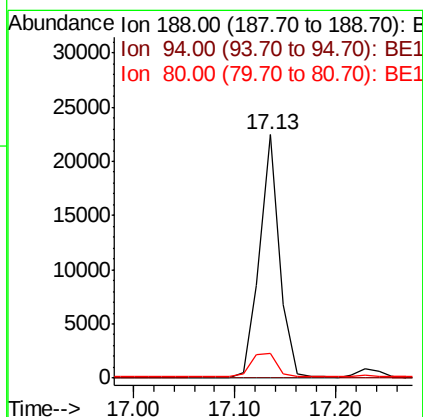
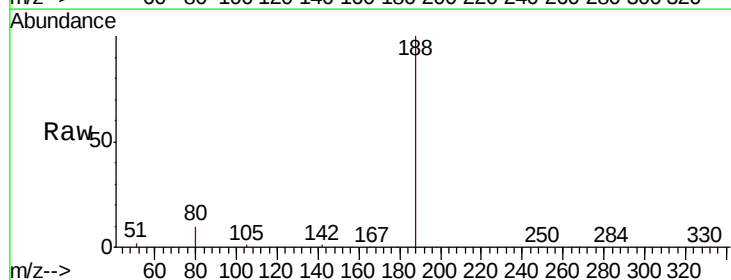
Instrument :
BNA_E
ClientSampleId :
OUTFALL001-191119

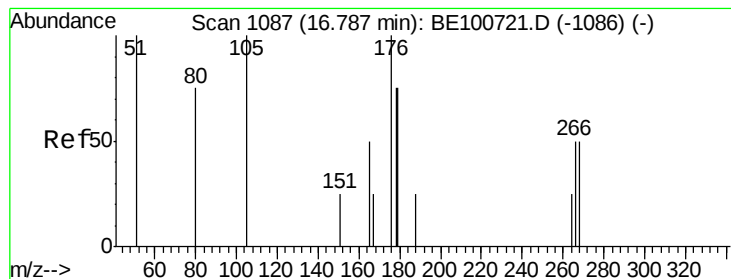
Tot Ion:172 Resp: 19316
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.6
170 24.3 19.4 29.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.13 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BE100763.D
Acq: 22 Nov 2019 18:21

Tgt Ion:188 Resp: 31000
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.1 8.2 12.2





#22

Pentachlorophenol

Concen: 0.064 ng

RT: 16.79 min Scan# 1088

Delta R.T. -0.00 min

Lab File: BE100763.D

Acq: 22 Nov 2019 18:21

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-191119

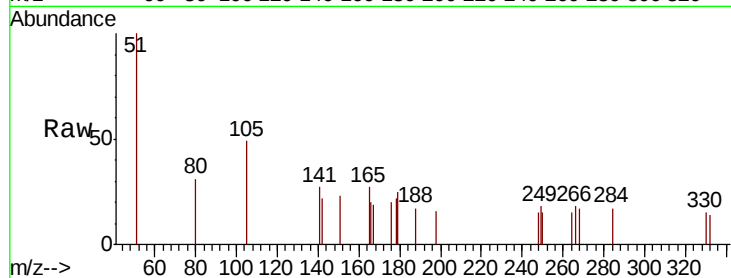
Tot Ion:266 Resp: 26

Ion Ratio Lower Upper

266 100

264 81.8 54.6 82.0

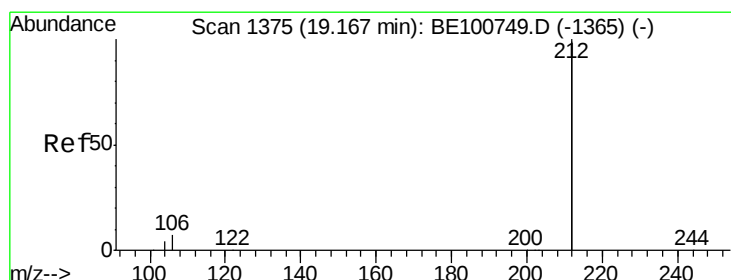
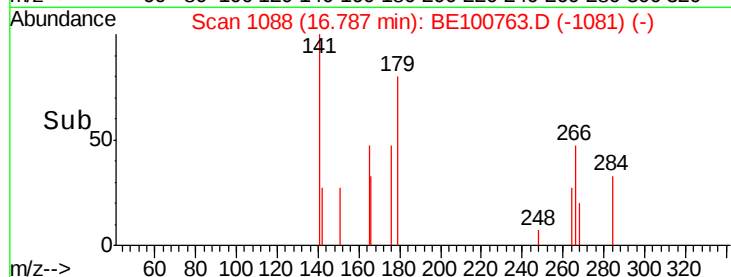
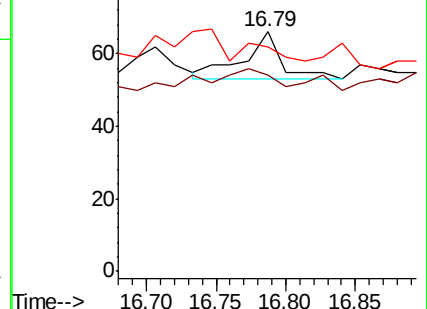
268 93.9 52.6 78.8#



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: 0.405 ng

RT: 19.17 min Scan# 1376

Delta R.T. -0.00 min

Lab File: BE100763.D

Acq: 22 Nov 2019 18:21

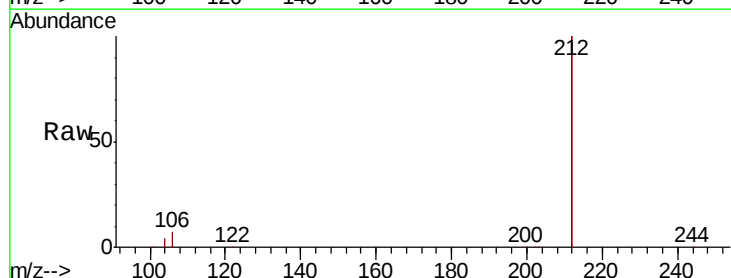
Tgt Ion:212 Resp: 153873

Ion Ratio Lower Upper

212 100

106 3.3 2.6 4.0

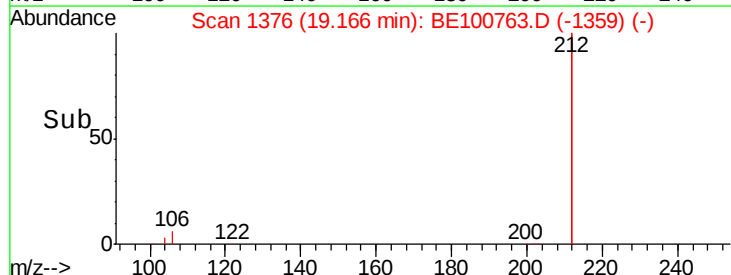
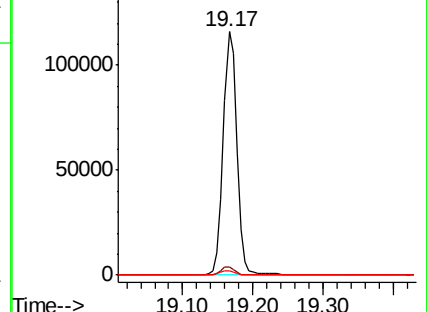
104 1.8 1.5 2.3

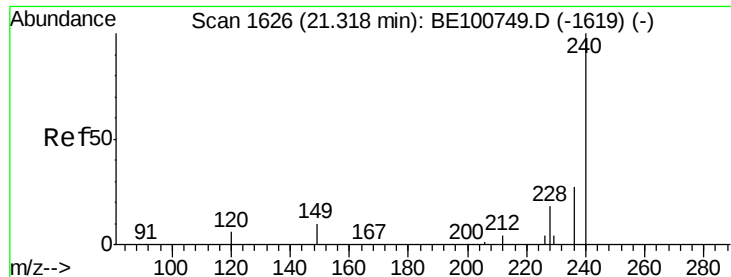


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.32 min Scan# 1627

Delta R.T. -0.00 min

Lab File: BE100763.D

Acq: 22 Nov 2019 18:21

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-191119

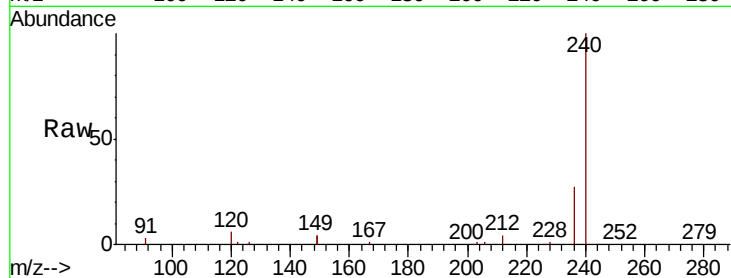
Tot Ion:240 Resp: 34150

Ion Ratio Lower Upper

240 100

120 6.3 5.8 8.8

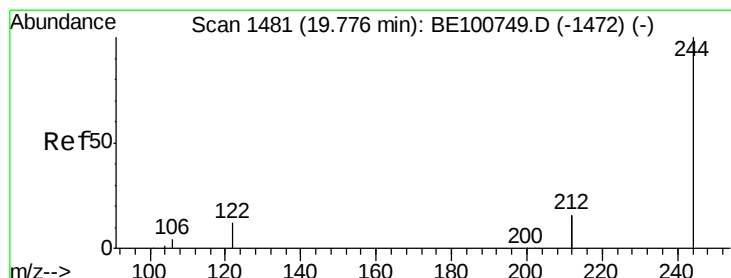
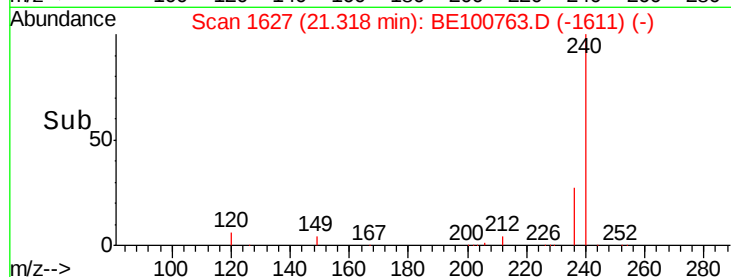
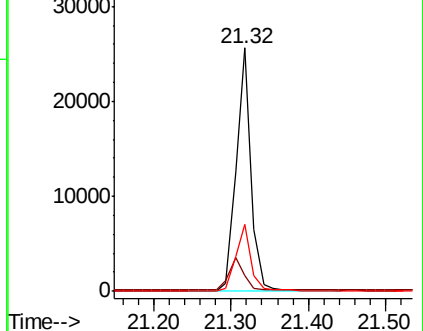
236 27.4 21.9 32.9



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: 0.449 ng

RT: 19.77 min Scan# 1482

Delta R.T. -0.00 min

Lab File: BE100763.D

Acq: 22 Nov 2019 18:21

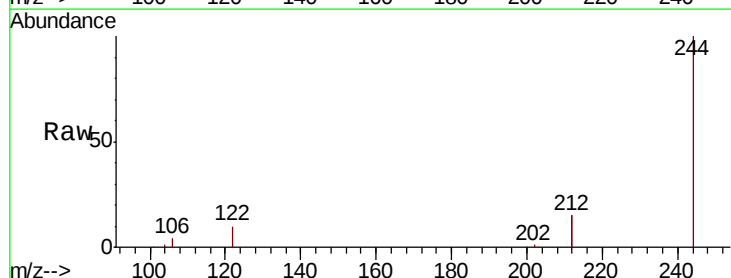
Tgt Ion:244 Resp: 35308

Ion Ratio Lower Upper

244 100

212 30.9 25.2 37.8

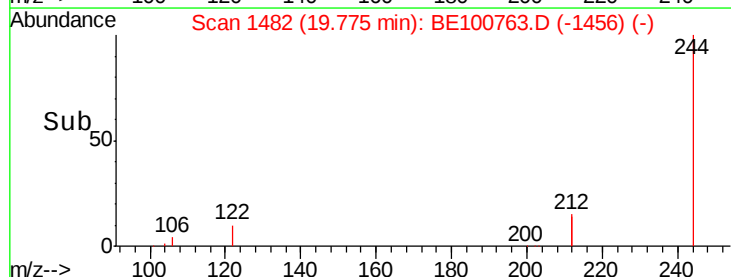
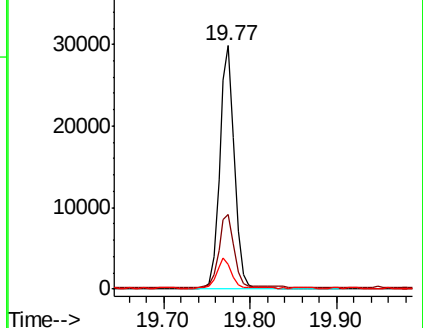
122 10.3 9.8 14.6

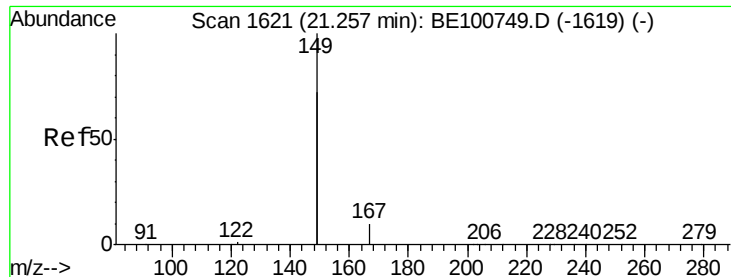


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.046 ng

RT: 21.26 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BE100763.D

Acq: 22 Nov 2019 18:21

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-191119

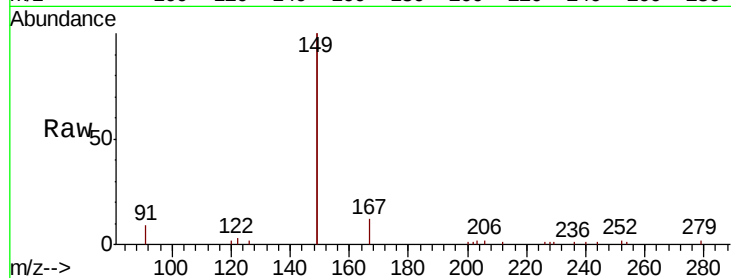
Tot Ion:149 Resp: 14936

Ion Ratio Lower Upper

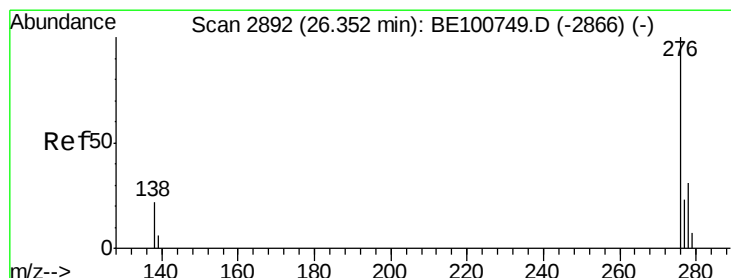
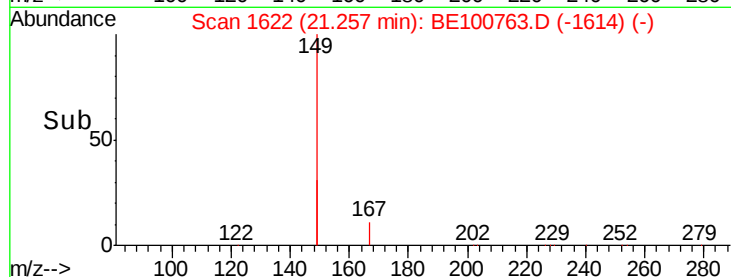
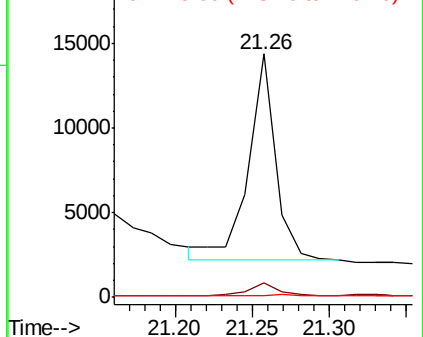
149 100

167 6.4 5.5 8.3

279 0.9 0.7 1.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#33

Indeno(1,2,3-cd)pyrene

Concen: 0.038 ng

RT: 26.35 min Scan# 2892

Delta R.T. -0.00 min

Lab File: BE100763.D

Acq: 22 Nov 2019 18:21

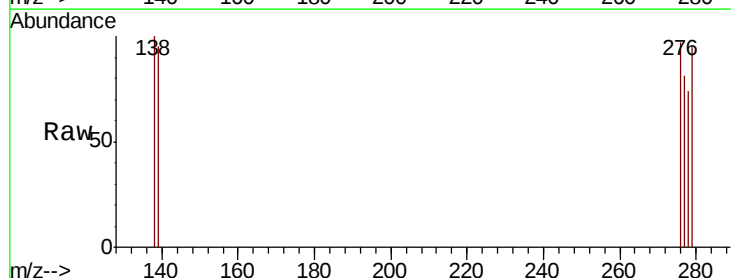
Tgt Ion:276 Resp: 112

Ion Ratio Lower Upper

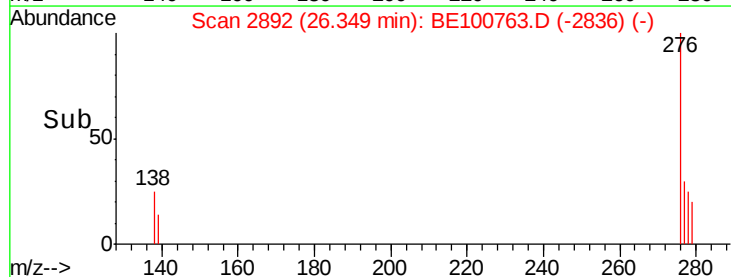
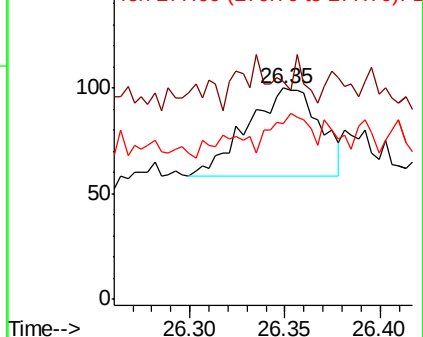
276 100

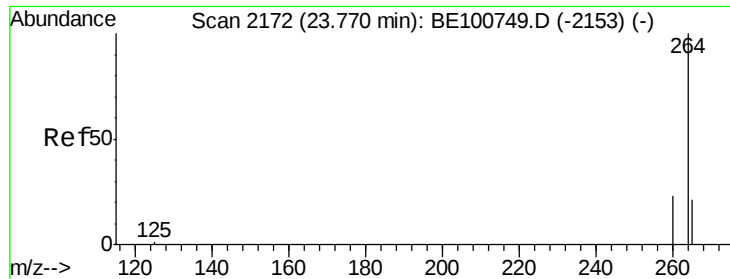
138 7.1 19.8 29.6#

277 22.3 19.7 29.5



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

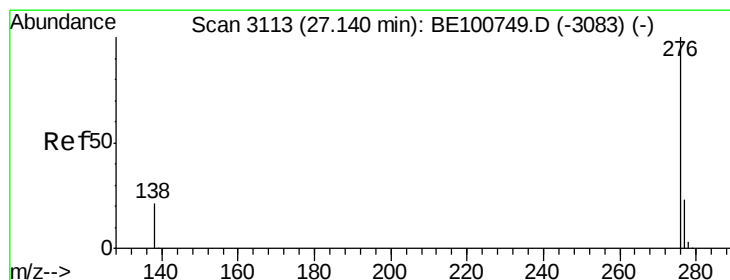
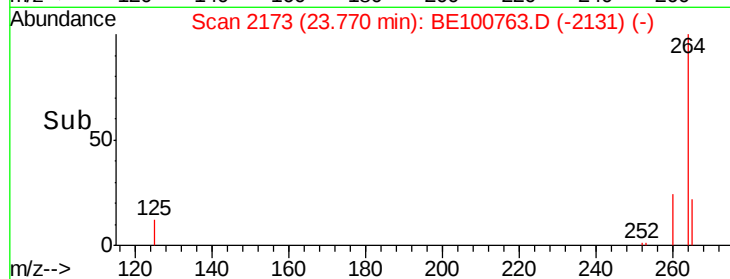
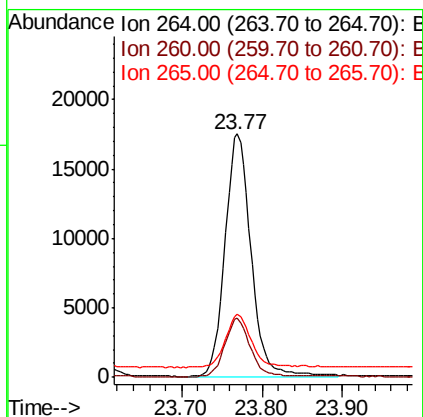
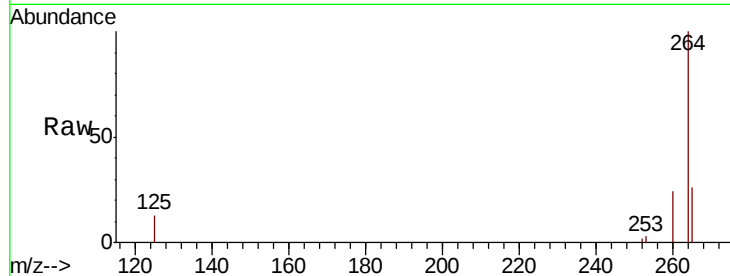




#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.77 min Scan# 2173
 Delta R.T. -0.00 min
 Lab File: BE100763.D
 Acq: 22 Nov 2019 18:21

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-191119

Tot Ion:264 Resp: 39106
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.7 28.1
 265 25.8 22.4 33.6



#39
 Benzo(g,h,i)perylene
 Concen: 0.022 ng
 RT: 27.11 min Scan# 3106
 Delta R.T. -0.03 min
 Lab File: BE100763.D
 Acq: 22 Nov 2019 18:21

Tgt Ion:276 Resp: 28
 Ion Ratio Lower Upper
 276 100
 277 86.0 18.9 28.3#
 138 110.8 17.8 26.8#

