

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101619\
 Data File : BP000766.D
 Acq On : 15 Oct 2019 15:21
 Operator : JU
 Sample : K5175-15
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BEPG2

Quant Time: Oct 16 04:26:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 16 02:22:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	223653	20.00	ng/ul	0.00
18) Naphthalene-d8	8.03	136	847680	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.80	164	460338	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.29	188	816389	20.00	ng/ul	0.00
78) Chrysene-d12	13.97	240	557602	20.00	ng/ul	0.00
86) Perylene-d12	15.45	264	666581	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.36	96	30061	5.58	ng/uL	-0.02
5) Phenol-d5	6.39	99	466882	27.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.43	67	271915	31.53	ng/ul	0.00
9) 2-Chlorophenol-d4	6.52	132	437482	30.10	ng/ul	0.00
13) 4-Methylphenol-d8	7.13	113	337955	25.64	ng/ul	0.00
19) Nitrobenzene-d5	7.31	128	217800	33.80	ng/ul	0.00
22) 2-Nitrophenol-d4	7.63	143	234579	34.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	7.88	165	405532	30.88	ng/ul	0.00
29) 4-Chloroaniline-d4	8.09	131	379626	25.99	ng/ul	0.00
44) Dimethylphthalate-d6	9.49	166	1179613	36.61	ng/ul	0.00
47) Acenaphthylene-d8	9.64	160	1366969	34.48	ng/ul	0.00
52) 4-Nitrophenol-d4	9.91	143	104585	21.07	ng/ul	0.00
58) Fluorene-d10	10.32	176	966915	35.07	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.39	200	90377	23.25	ng/ul	0.00
71) Anthracene-d10	11.35	188	1395659	36.91	ng/ul	0.00
79) Pyrene-d10	12.74	212	1379937	43.76	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.36	264	1295199	39.36	ng/ul	0.00

Target Compounds

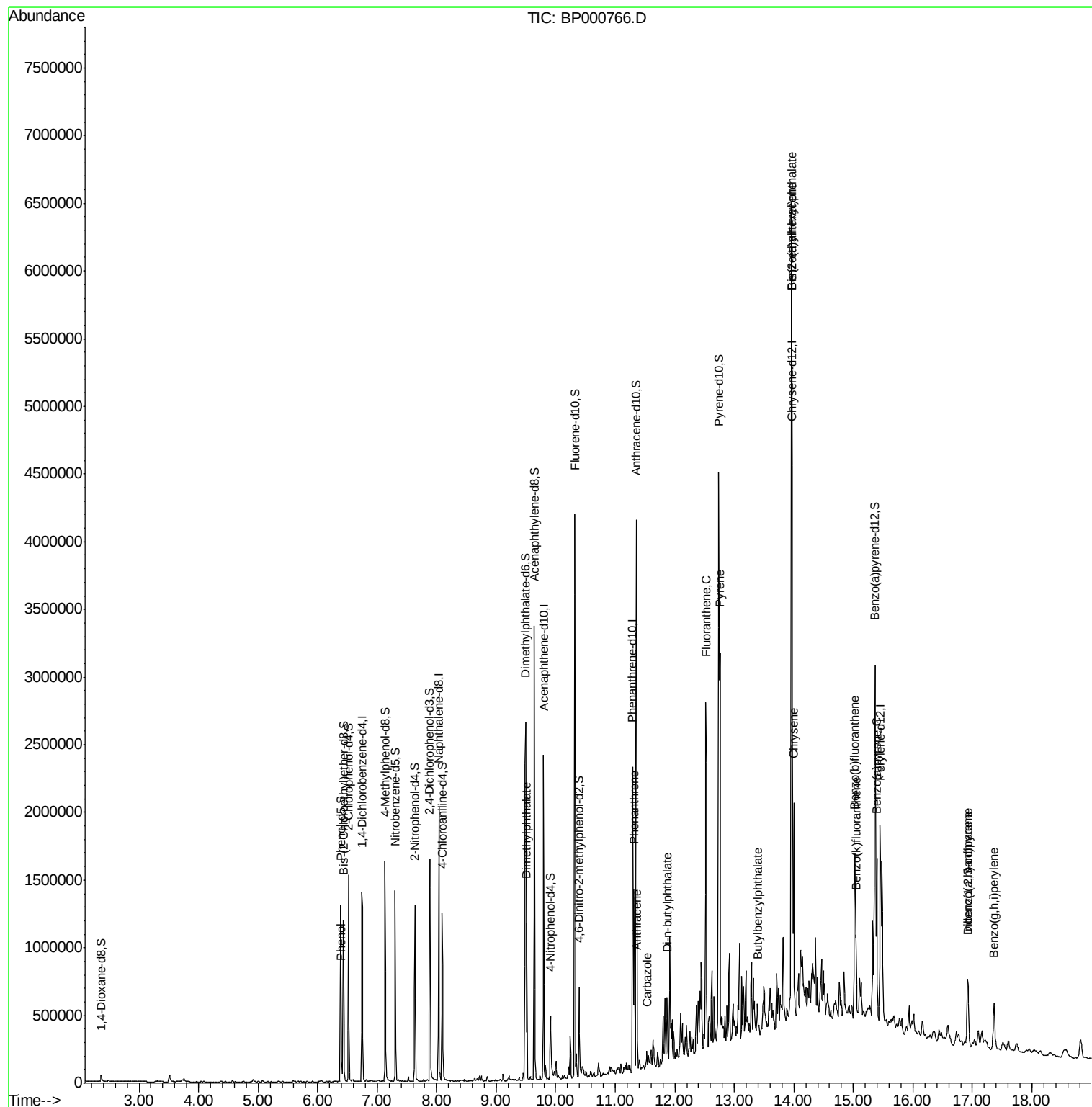
					Ovalue
6) Phenol	6.40	94	72700	4.180	ng/ul 98
45) Dimethylphthalate	9.51	163	438562	13.658	ng/ul 99
70) Phenanthrene	11.32	178	498248	11.198	ng/ul 100
72) Anthracene	11.37	178	102009	2.259	ng/ul 99
75) Carbazole	11.53	167	42536	1.104	ng/ul 100
76) Di-n-butylphthalate	11.87	149	215431	4.660	ng/ul 100
77) Fluoranthene	12.52	202	1003788	22.018	ng/ul 99
80) Pyrene	12.76	202	1029071	26.012	ng/ul 96
81) Butylbenzylphthalate	13.39	149	31030	1.919	ng/ul 94
83) Benzo(a)anthracene	13.96	228	499140	13.337	ng/ul 96
84) Bis(2-ethylhexyl)phthalate	13.96	149	1471658	68.481	ng/ul# 97
85) Chrysene	14.00	228	585493	16.832	ng/ul 98
88) Benzo(b)fluoranthene	15.02	252	664325	16.704	ng/ul 98
89) Benzo(k)fluoranthene	15.05	252	230922	6.097	ng/ul 96
91) Benzo(a)pyrene	15.39	252	515619	13.693	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	16.92	276	320712	7.430	ng/ul 97
93) Dibenzo(a,h)anthracene	16.93	278	89480	2.529	ng/ul# 89
94) Benzo(g,h,i)perylene	17.36	276	280111	7.794	ng/ul 99

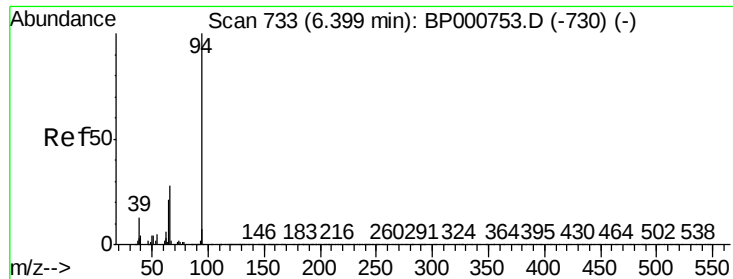
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 16 02:22:01 2019
Response via : Initial Calibration





#6

Phenol

Concen: 4.180 ng/ul

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BP000766.D

Acq: 15 Oct 2019 15:21

Instrument :

BNA_P

ClientSampleId :

BEPG2

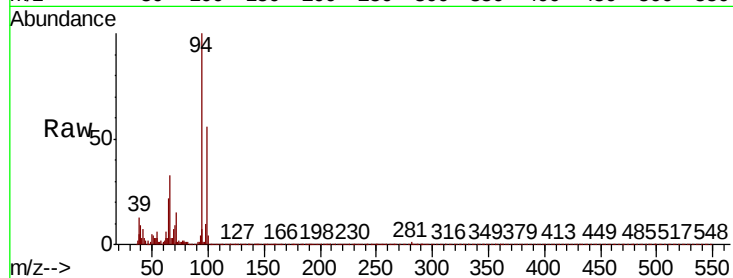
Tot Ion: 94 Resp: 72700

Ion Ratio Lower Upper

94 100

65 22.3 19.2 28.8

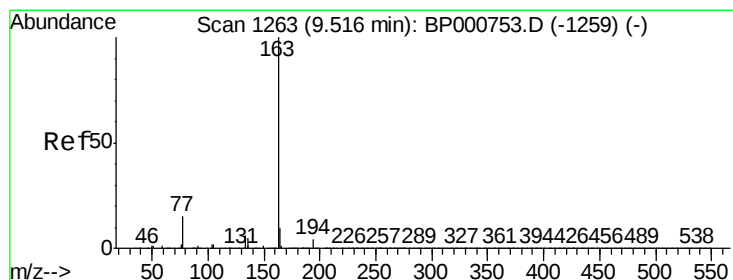
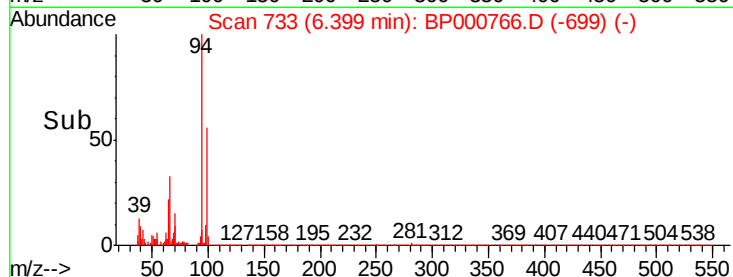
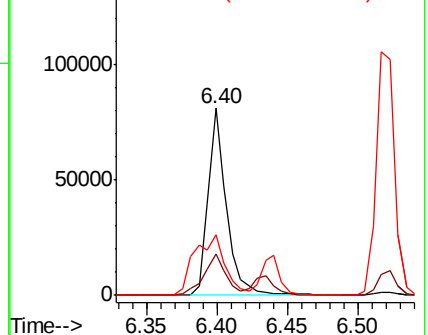
66 32.5 25.7 38.5



Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0



#45

Dimethylphthalate

Concen: 13.658 ng/ul

RT: 9.51 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BP000766.D

Acq: 15 Oct 2019 15:21

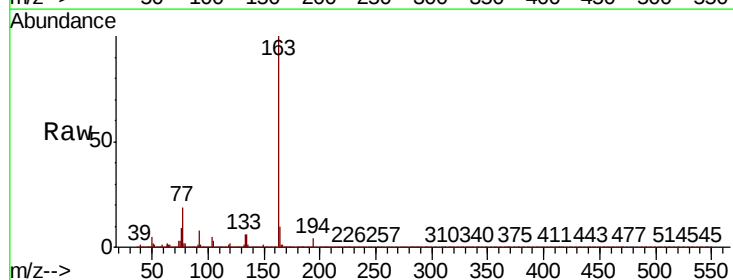
Tgt Ion: 163 Resp: 438562

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

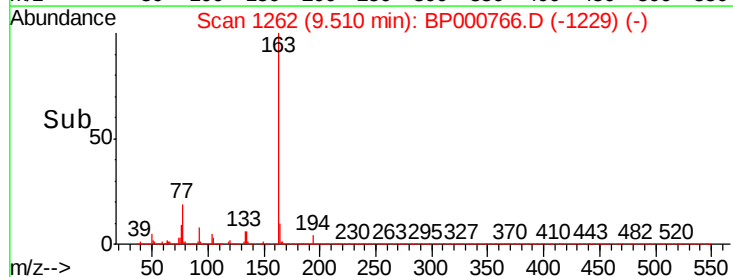
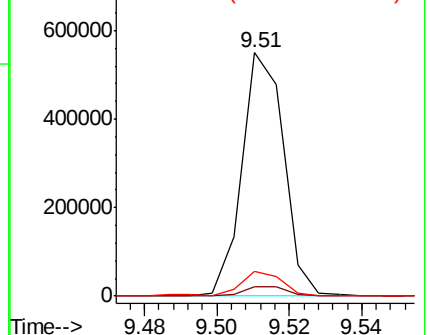
164 10.3 8.1 12.1

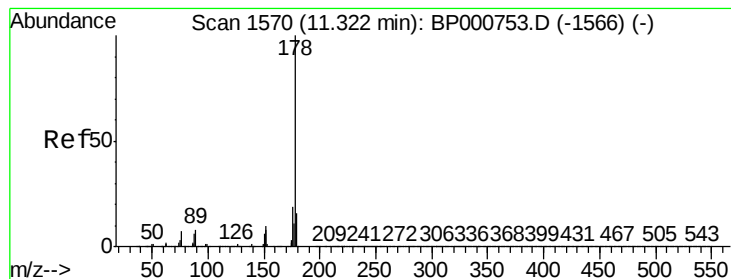


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#70

Phenanthrene

Concen: 11.198 ng/ul

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BP000766.D

Acq: 15 Oct 2019 15:21

Instrument :

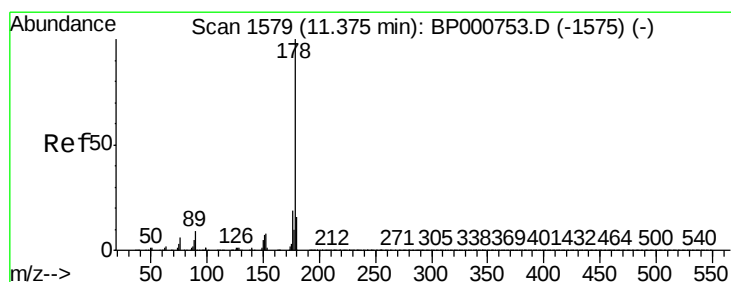
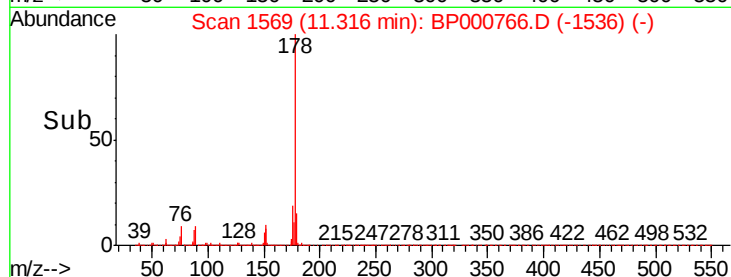
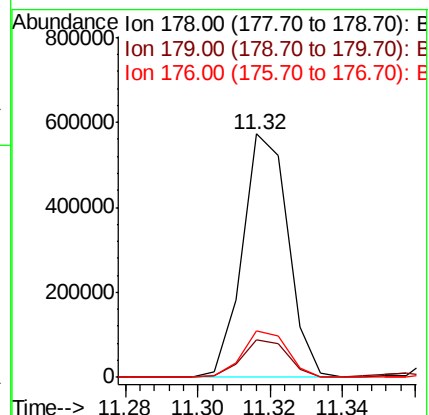
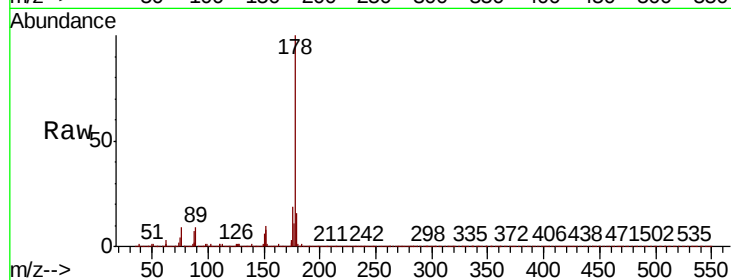
BNA_P

ClientSampleId :

BEPG2

Tot Ion:178 Resp: 498248

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.5	18.7
176	19.1	15.4	23.2



#72

Anthracene

Concen: 2.259 ng/ul

RT: 11.37 min Scan# 1578

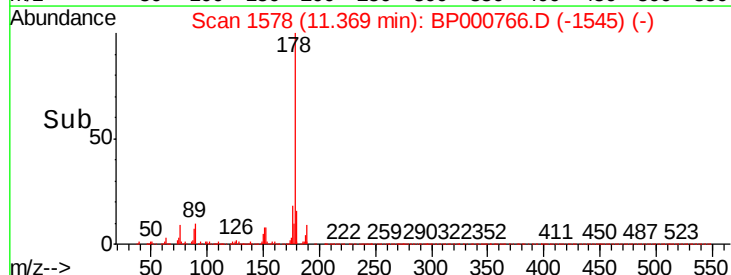
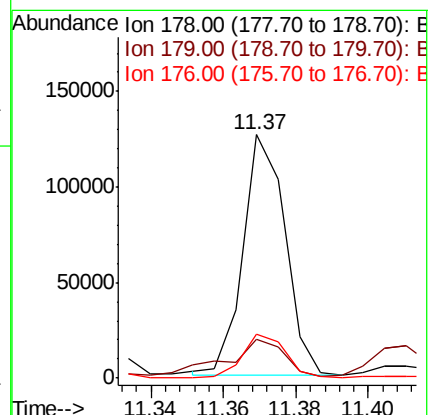
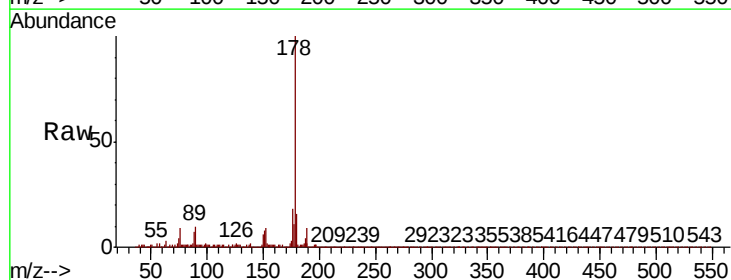
Delta R.T. -0.01 min

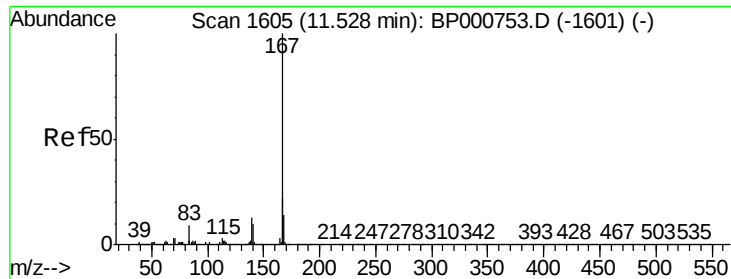
Lab File: BP000766.D

Acq: 15 Oct 2019 15:21

Tgt Ion:178 Resp: 102009

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.4	18.6
176	18.3	15.1	22.7

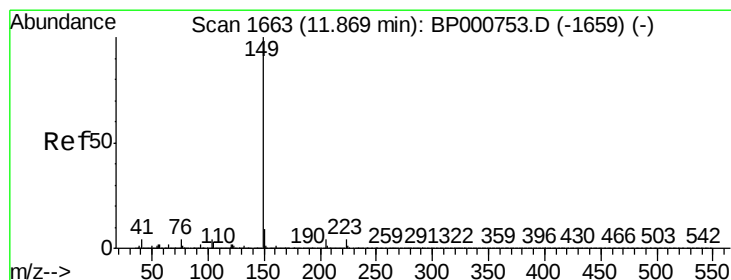
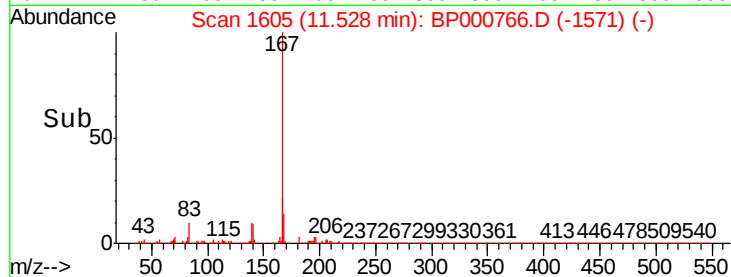
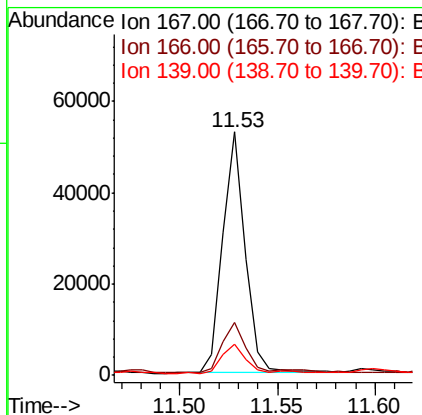
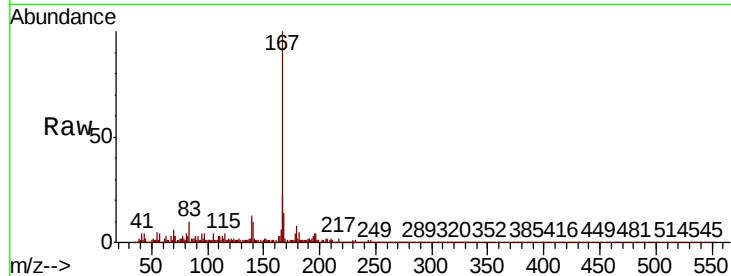




#75
 Carbazole
 Concen: 1.104 ng/ul
 RT: 11.53 min Scan# 1605
 Delta R.T. 0.00 min
 Lab File: BP000766.D
 Acq: 15 Oct 2019 15:21

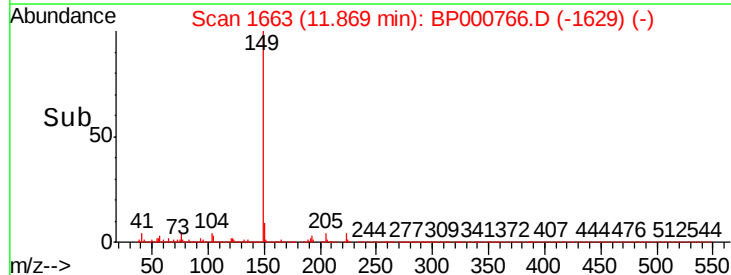
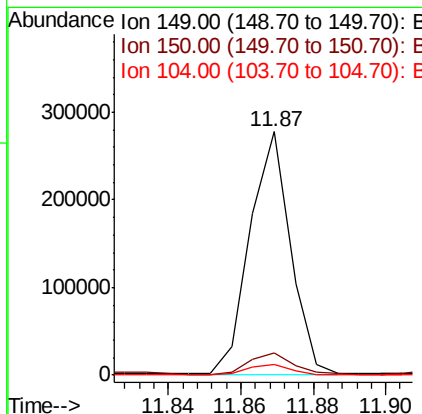
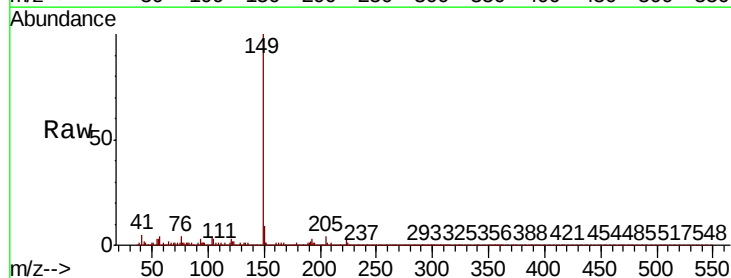
Instrument :
 BNA_P
 ClientSampleId :
 BEPG2

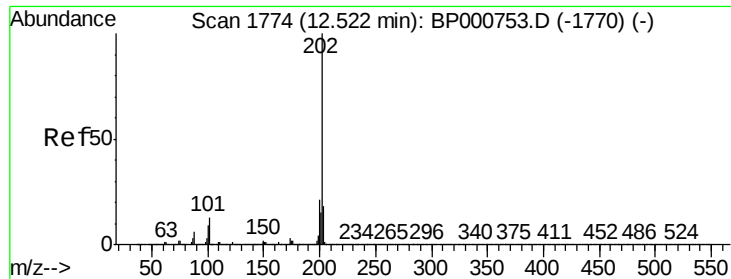
Tot Ion:167 Resp: 42536
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.0
 139 12.8 10.2 15.4



#76
 Di-n-butylphthalate
 Concen: 4.660 ng/ul
 RT: 11.87 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: BP000766.D
 Acq: 15 Oct 2019 15:21

Tgt Ion:149 Resp: 215431
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.6 11.4
 104 4.5 3.7 5.5

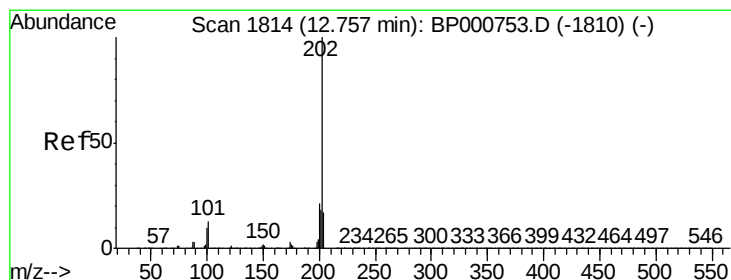
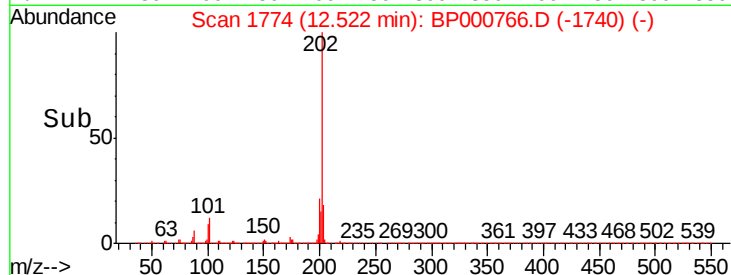
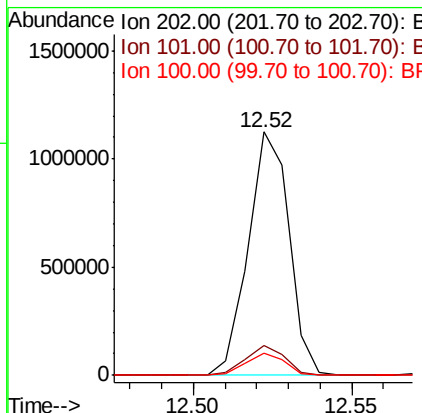
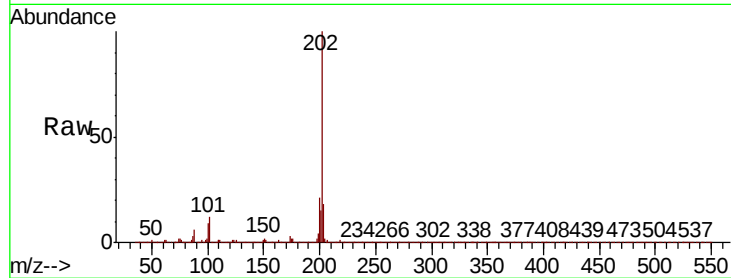




#77
 Fluoranthene
 Concen: 22.018 ng/ul
 RT: 12.52 min Scan# 1774
 Delta R.T. 0.00 min
 Lab File: BP000766.D
 Acq: 15 Oct 2019 15:21

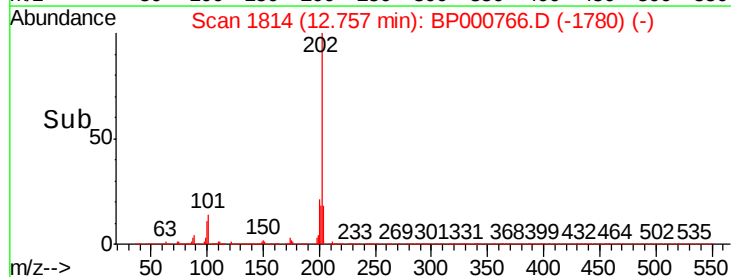
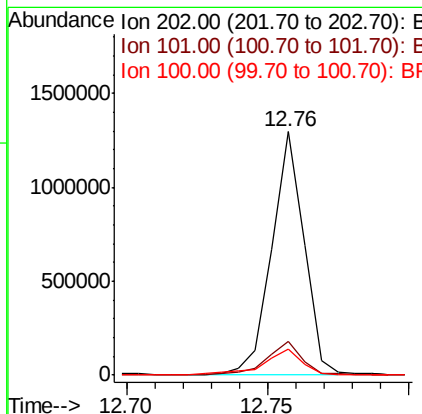
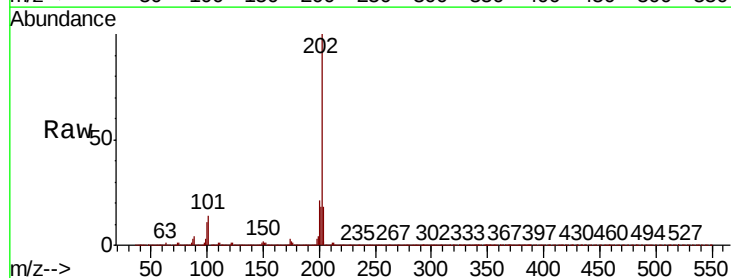
Instrument :
 BNA_P
 ClientSampleId :
 BEPG2

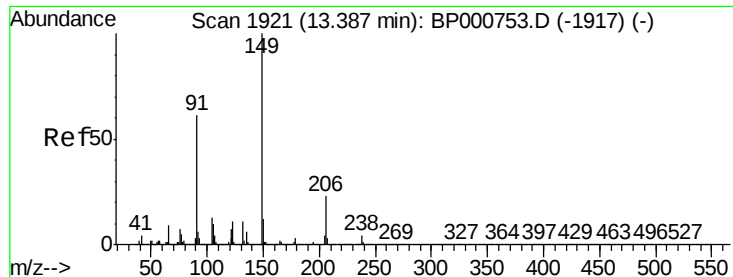
Tot Ion:202 Resp: 1003788
 Ion Ratio Lower Upper
 202 100
 101 12.5 9.8 14.6
 100 9.2 7.2 10.8



#80
 Pyrene
 Concen: 26.012 ng/ul
 RT: 12.76 min Scan# 1814
 Delta R.T. 0.00 min
 Lab File: BP000766.D
 Acq: 15 Oct 2019 15:21

Tgt Ion:202 Resp: 1029071
 Ion Ratio Lower Upper
 202 100
 101 13.9 9.7 14.5
 100 10.9 7.8 11.8

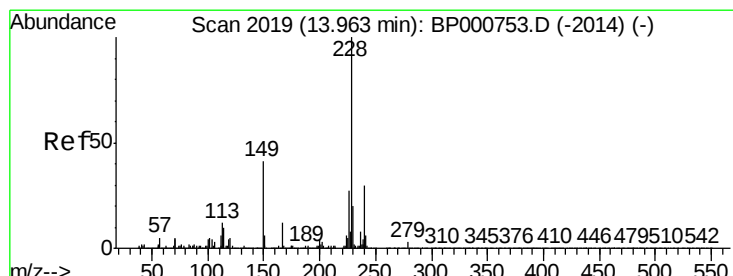
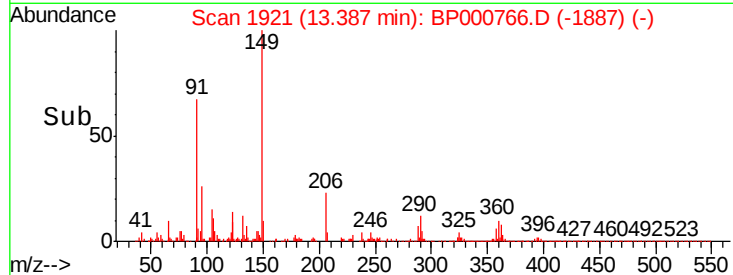
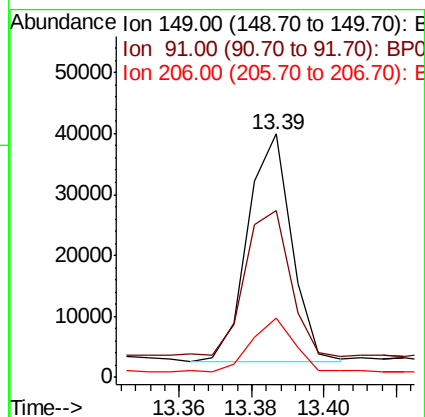
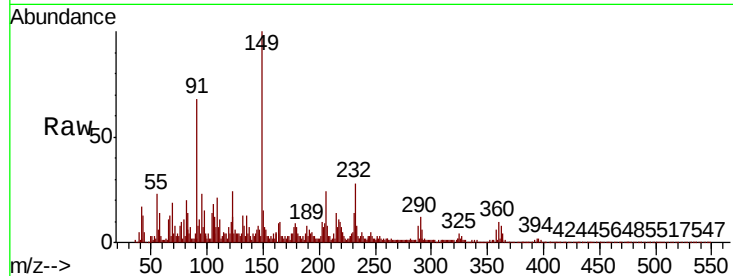




#81
Butylbenzylphthalate
Concen: 1.919 ng/ul
RT: 13.39 min Scan# 1921
Delta R.T. 0.00 min
Lab File: BP000766.D
Acq: 15 Oct 2019 15:21

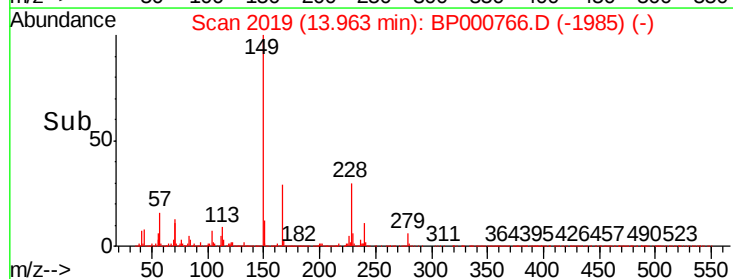
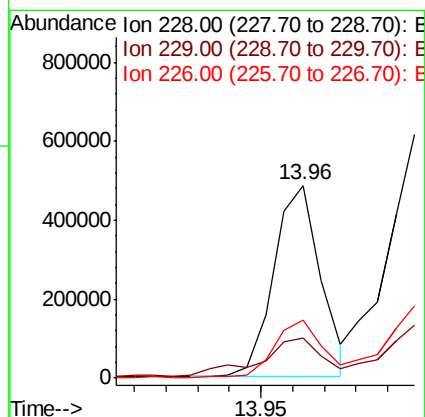
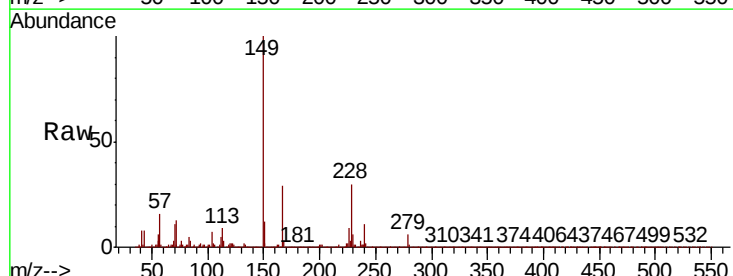
Instrument :
BNA_P
ClientSampled :
BEPG2

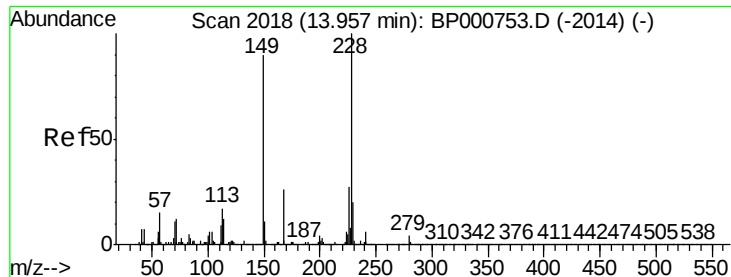
Tot Ion:149 Resp: 31030
Ion Ratio Lower Upper
149 100
91 68.4 50.6 75.8
206 24.2 17.8 26.6



#83
Benzo(a)anthracene
Concen: 13.337 ng/ul
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BP000766.D
Acq: 15 Oct 2019 15:21

Tgt Ion:228 Resp: 499140
Ion Ratio Lower Upper
228 100
229 20.6 15.6 23.4
226 30.2 21.8 32.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 68.481 ng/ul

RT: 13.96 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BP000766.D

Acq: 15 Oct 2019 15:21

Instrument :

BNA_P

ClientSampleId :

BEPG2

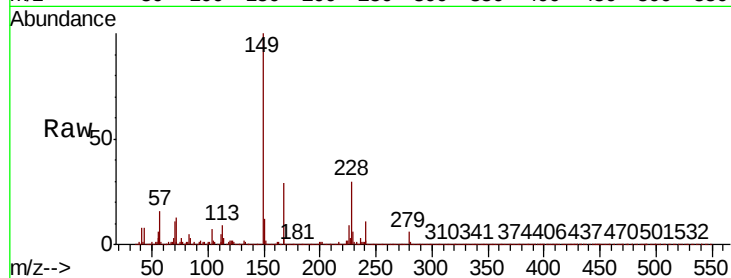
Tot Ion:149 Resp: 1471658

Ion Ratio Lower Upper

149 100

167 29.2 22.3 33.5

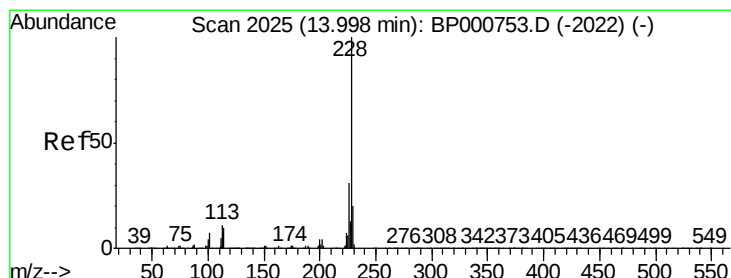
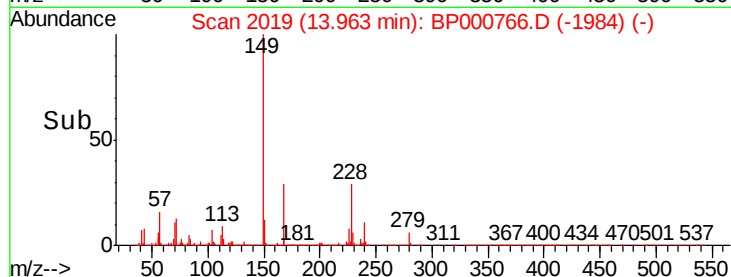
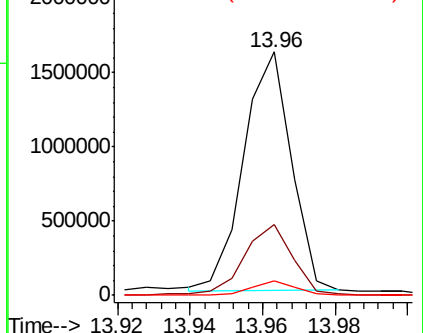
279 5.8 3.2 4.8#



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



#85

Chrysene

Concen: 16.832 ng/ul

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BP000766.D

Acq: 15 Oct 2019 15:21

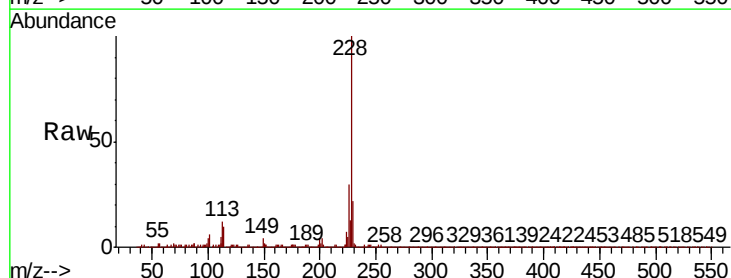
Tgt Ion:228 Resp: 585493

Ion Ratio Lower Upper

228 100

226 29.9 24.2 36.4

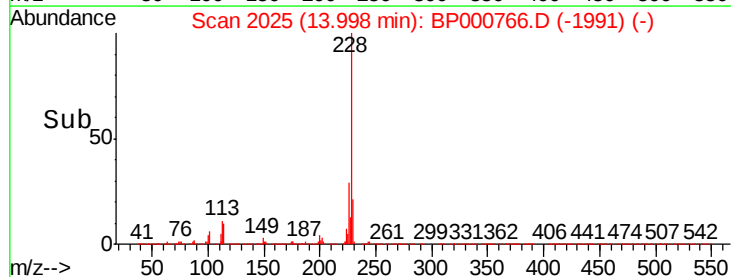
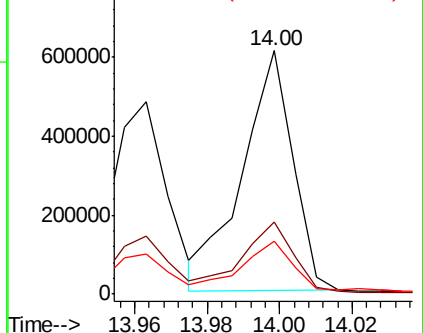
229 21.8 15.8 23.6

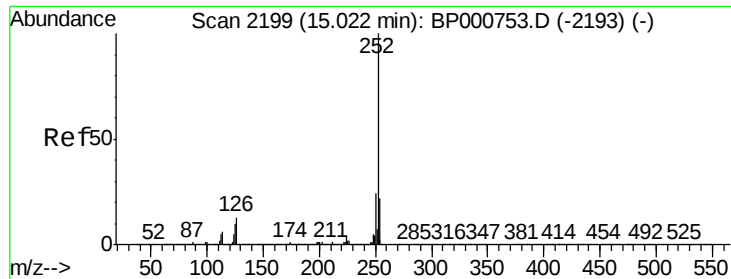


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 16.704 ng/ul

RT: 15.02 min Scan# 2199

Delta R.T. 0.00 min

Lab File: BP000766.D

Acq: 15 Oct 2019 15:21

Instrument :

BNA_P

ClientSampleId :

BEPG2

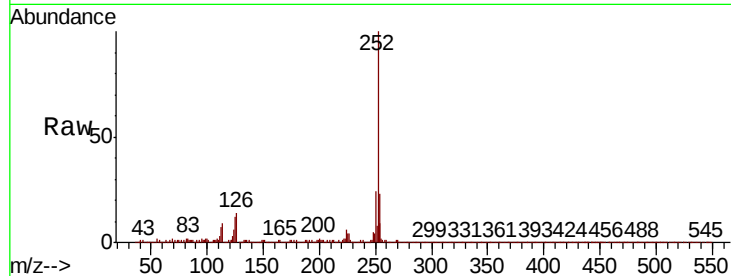
Tot Ion:252 Resp: 664325

Ion Ratio Lower Upper

252 100

253 23.0 17.6 26.4

125 11.9 8.7 13.1

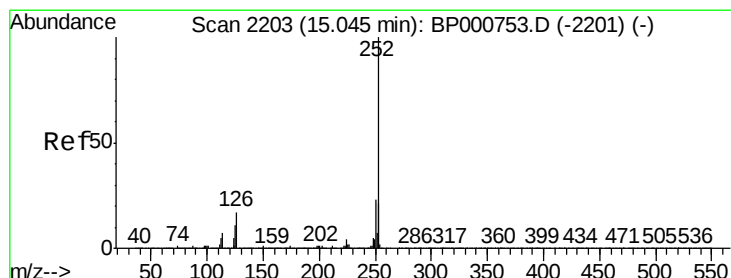
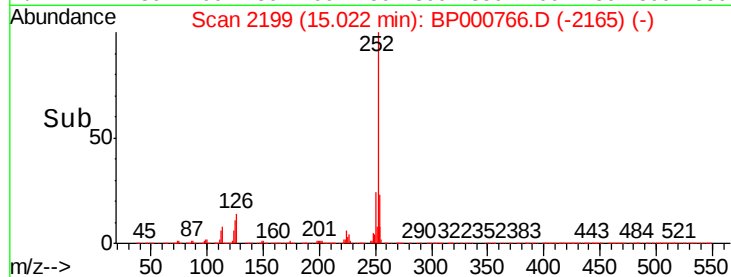
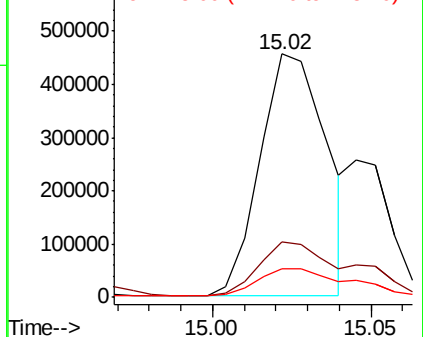


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 6.097 ng/ul

RT: 15.05 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BP000766.D

Acq: 15 Oct 2019 15:21

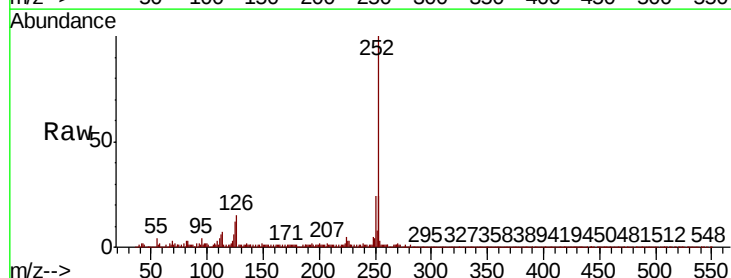
Tgt Ion:252 Resp: 230922

Ion Ratio Lower Upper

252 100

253 23.7 17.8 26.6

125 12.1 8.2 12.4

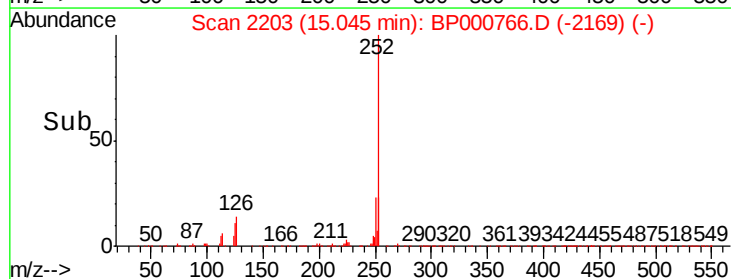
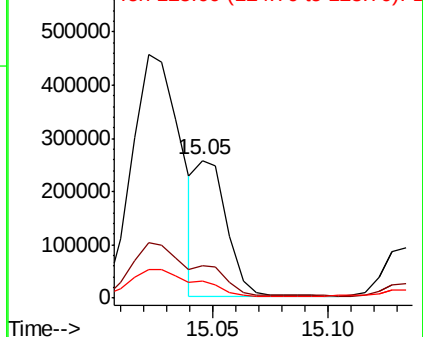


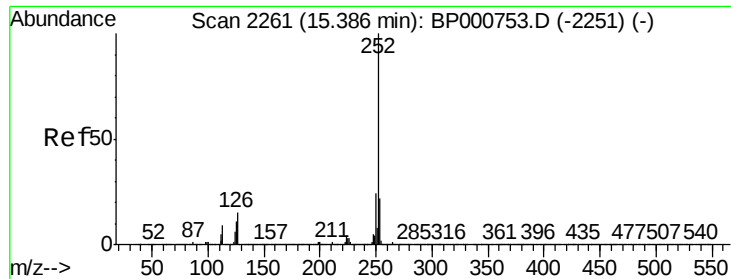
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 13.693 ng/ul

RT: 15.39 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BP000766.D

Acq: 15 Oct 2019 15:21

Instrument :

BNA_P

ClientSampleId :

BEPG2

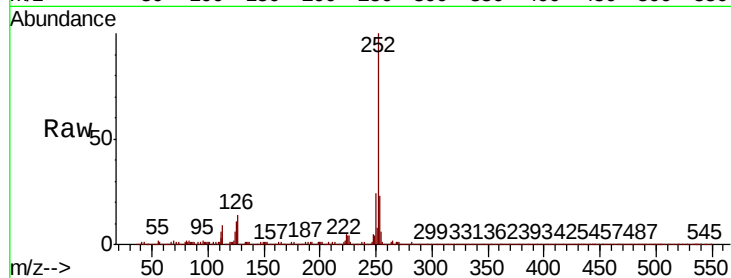
Tot Ion:252 Resp: 515619

Ion Ratio Lower Upper

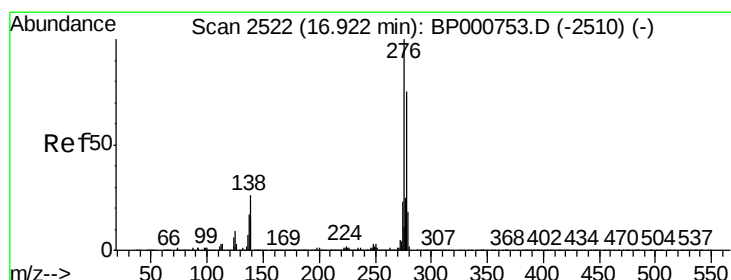
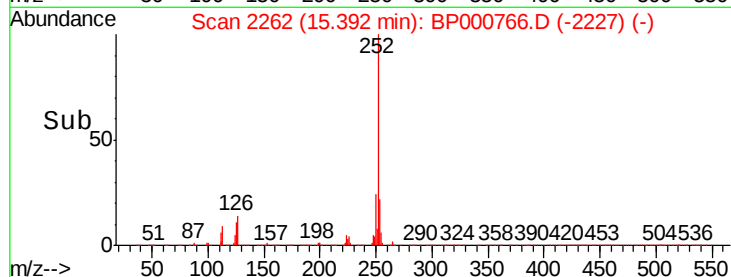
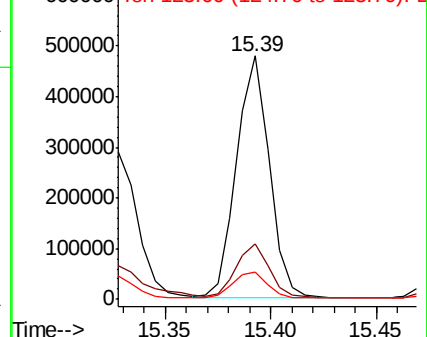
252 100

253 22.6 17.6 26.4

125 11.3 9.7 14.5



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#92

Indeno(1,2,3-cd)pyrene

Concen: 7.430 ng/ul

RT: 16.92 min Scan# 2522

Delta R.T. 0.00 min

Lab File: BP000766.D

Acq: 15 Oct 2019 15:21

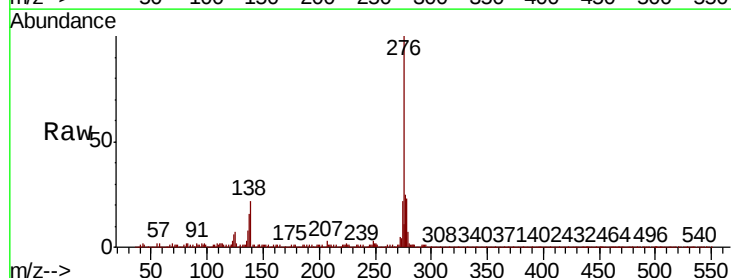
Tgt Ion:276 Resp: 320712

Ion Ratio Lower Upper

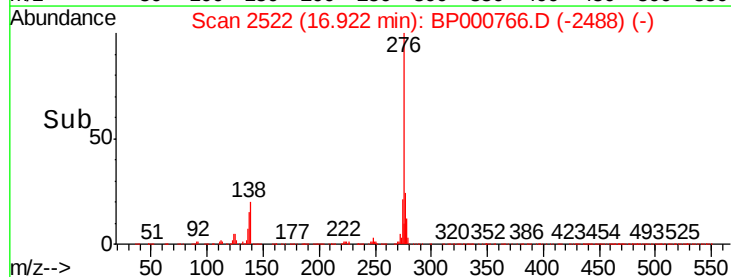
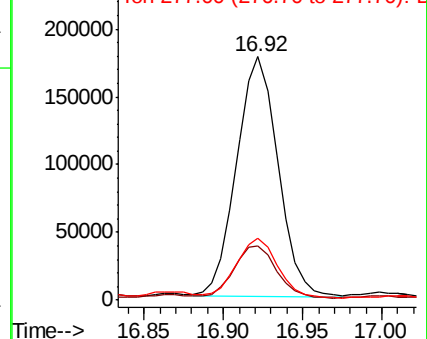
276 100

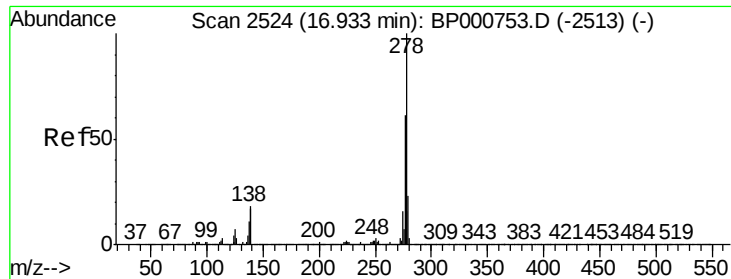
138 22.0 20.0 30.0

277 25.2 19.8 29.8



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

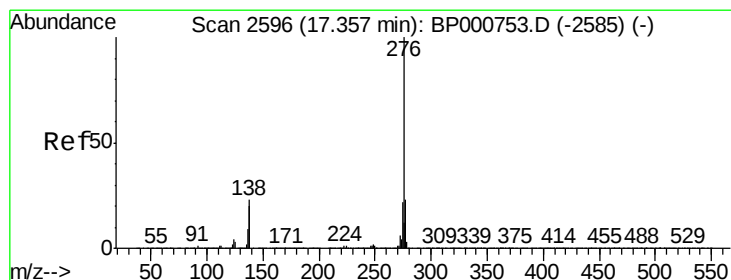
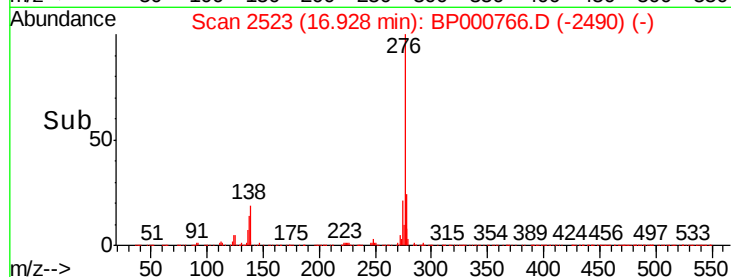
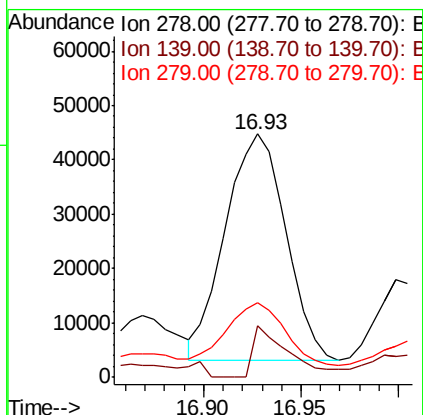
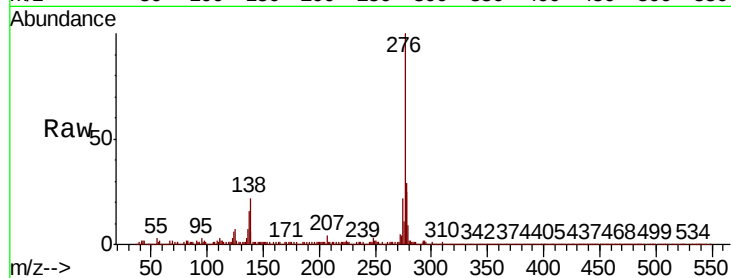




#93
Dibenzo(a,h)anthracene
Concen: 2.529 ng/ul
RT: 16.93 min Scan# 2523
Delta R.T. -0.01 min
Lab File: BP000766.D
Acq: 15 Oct 2019 15:21

Instrument :
BNA_P
ClientSampleId :
BEPG2

Tot Ion:278 Resp: 89480
Ion Ratio Lower Upper
278 100
139 21.4 14.2 21.4#
279 30.4 19.2 28.8#



#94
Benzo(g,h,i)perylene
Concen: 7.794 ng/ul
RT: 17.36 min Scan# 2597
Delta R.T. 0.01 min
Lab File: BP000766.D
Acq: 15 Oct 2019 15:21

Tgt Ion:276 Resp: 280111
Ion Ratio Lower Upper
276 100
138 23.3 18.4 27.6
277 24.9 19.4 29.0

