

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP091019\
 Data File : BP000182.D
 Acq On : 10 Sep 2019 22:15
 Operator : HP/JU
 Sample : K4634-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 11 01:59:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 10 02:43:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	466725	20.00	ng/ul	0.00
18) Naphthalene-d8	8.17	136	1787851	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	944677	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.45	188	1565670	20.00	ng/ul	0.00
78) Chrysene-d12	14.15	240	1017518	20.00	ng/ul	0.00
86) Perylene-d12	15.70	264	1117369	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.62	96	32556	2.47	ng/uL	0.01
5) Phenol-d5	6.51	99	628207	15.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.57	67	328267	15.79	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	515153	16.02	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	452030	15.14	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	250698	18.47	ng/ul	0.00
22) 2-Nitrophenol-d4	7.77	143	264820	20.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.02	165	466482	16.63	ng/ul	0.00
29) 4-Chloroaniline-d4	8.23	131	279796	8.07	ng/ul	0.00
44) Dimethylphthalate-d6	9.63	166	1289976	18.49	ng/ul	0.00
47) Acenaphthylene-d8	9.79	160	1538848	17.85	ng/ul	0.00
52) 4-Nitrophenol-d4	10.03	143	133585	10.72	ng/ul	0.00
58) Fluorene-d10	10.47	176	1023128	17.27	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.53	200	64538	8.97	ng/ul	0.00
71) Anthracene-d10	11.50	188	1363037	17.98	ng/ul	0.00
79) Pyrene-d10	12.90	212	1301096	21.50	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.60	264	1130213	19.51	ng/ul	0.02

Target Compounds

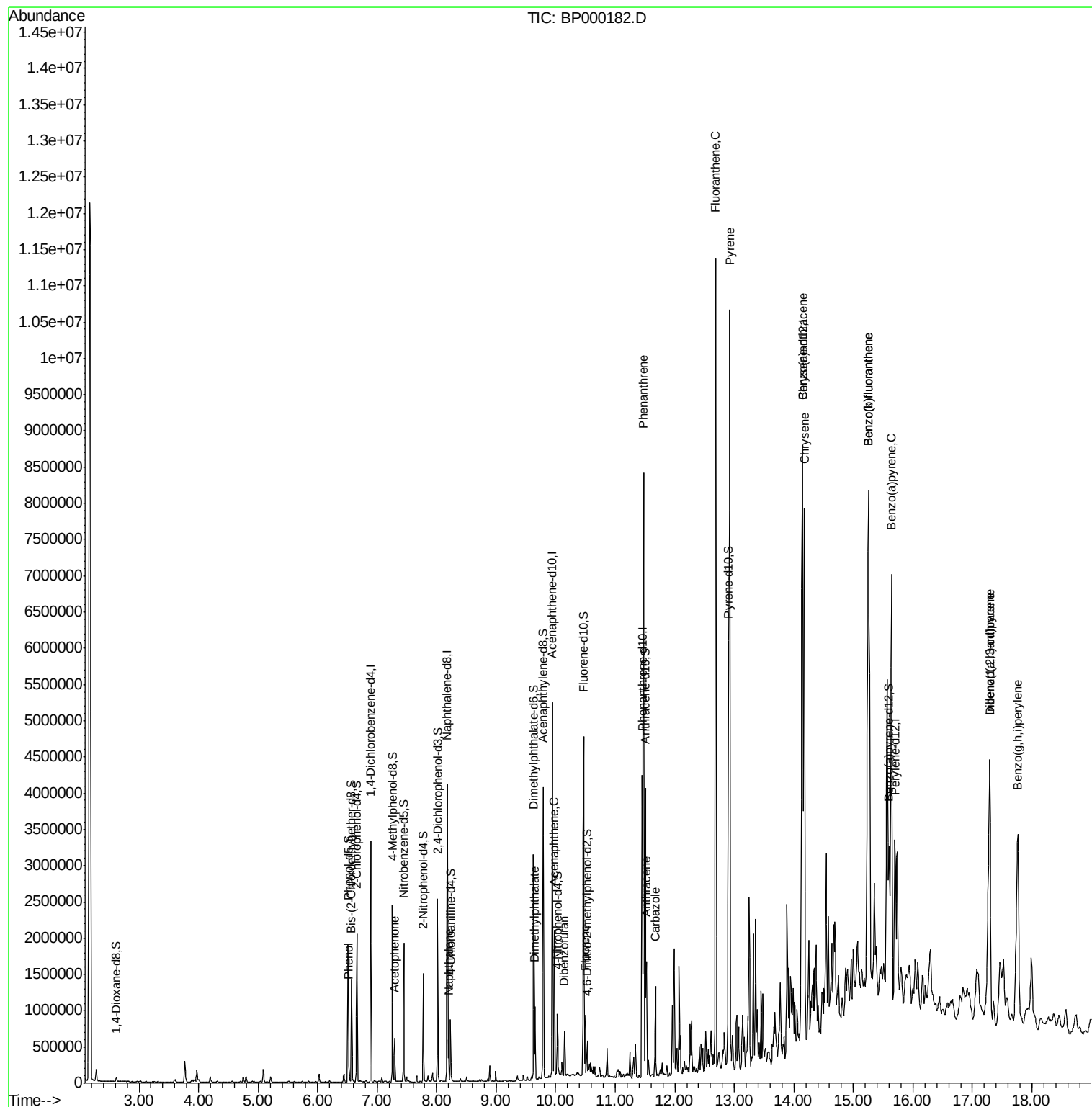
					Ovalue
6) Phenol	6.52	94	146578	3.538	ng/ul 99
14) Acetophenone	7.29	105	160615	3.584	ng/ul 98
28) Naphthalene	8.20	128	205414	2.109	ng/ul 99
45) Dimethylphthalate	9.65	163	356157	5.060	ng/ul 99
50) Acenaphthene	9.97	153	467863	7.497	ng/ul 97
54) Dibenzofuran	10.15	168	152380	1.780	ng/ul 97
59) Fluorene	10.50	166	203520	3.073	ng/ul 98
70) Phenanthrene	11.47	178	2969440	32.071	ng/ul 98
72) Anthracene	11.52	178	596813	6.551	ng/ul 99
75) Carbazole	11.67	167	469038	6.021	ng/ul 98
77) Fluoranthene	12.69	202	5088171	54.485	ng/ul 99
80) Pyrene	12.92	202	4773515	62.182	ng/ul 96
83) Benzo(a)anthracene	14.14	228	3174557	43.100	ng/ul 96
85) Chrysene	14.17	228	3356646	49.663	ng/ul 99
88) Benzo(b)fluoranthene	15.25	252	6698038	90.445	ng/ul 99
89) Benzo(k)fluoranthene	15.25	252	6698038	95.948	ng/ul 99
91) Benzo(a)pyrene	15.65	252	3735239	53.757	ng/ul 97
92) Indeno(1,2,3-cd)pyrene	17.29	276	2853941	35.703	ng/ul 97
93) Dibenzo(a,h)anthracene	17.29	278	698877	10.555	ng/ul 97
94) Benzo(g,h,i)perylene	17.76	276	2733937	41.020	ng/ul 97

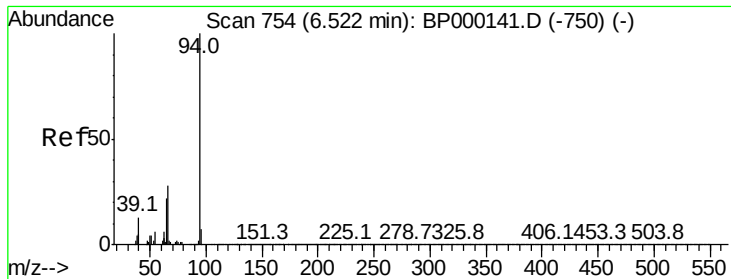
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000182.D
Acq On : 10 Sep 2019 22:15
Operator : HP/JU
Sample : K4634-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Sep 11 01:59:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 02:43:18 2019
Response via : Initial Calibration





#6

Phenol

Concen: 3.538 ng/ul

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BP000182.D

Acq: 10 Sep 2019 22:15

Instrument :

BNA_P

ClientSampled :

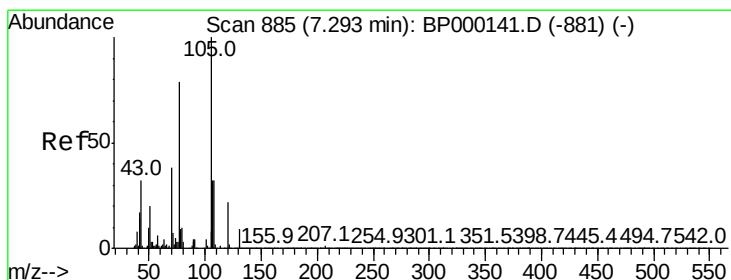
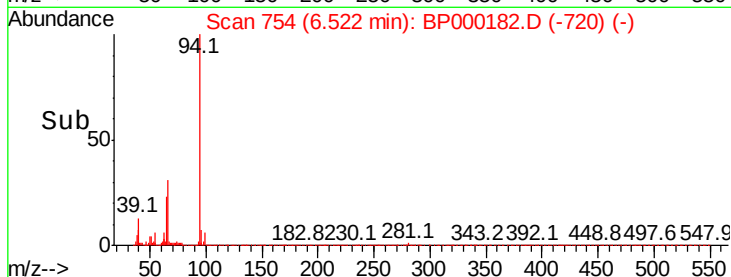
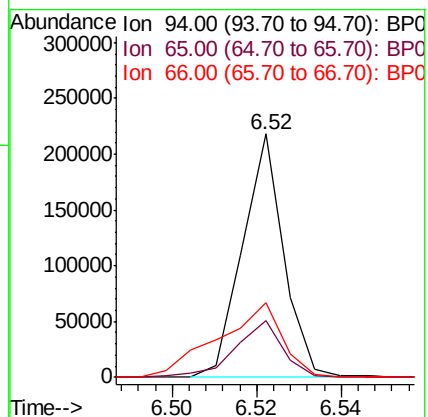
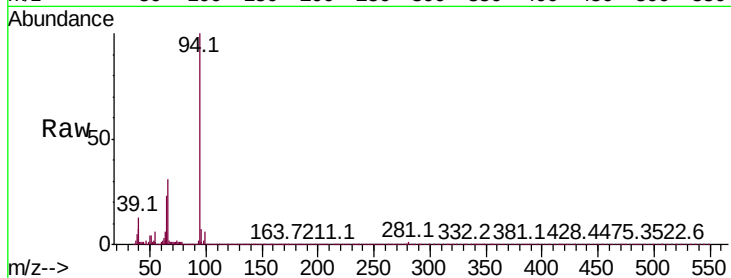
Tot Ion: 94 Resp: 146578

Ion Ratio Lower Upper

94 100

65 23.3 18.8 28.2

66 30.8 24.2 36.2



#14

Acetophenone

Concen: 3.584 ng/ul

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BP000182.D

Acq: 10 Sep 2019 22:15

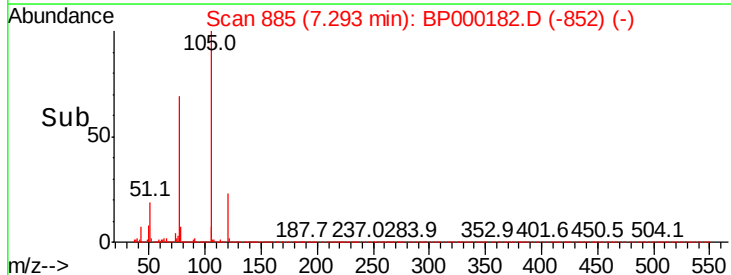
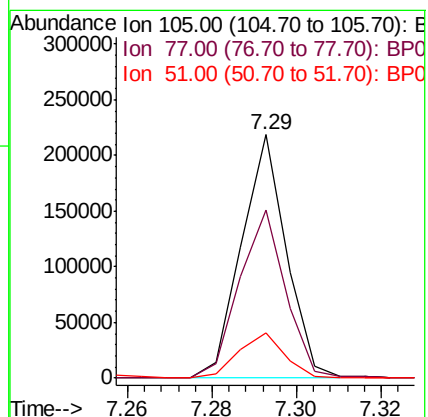
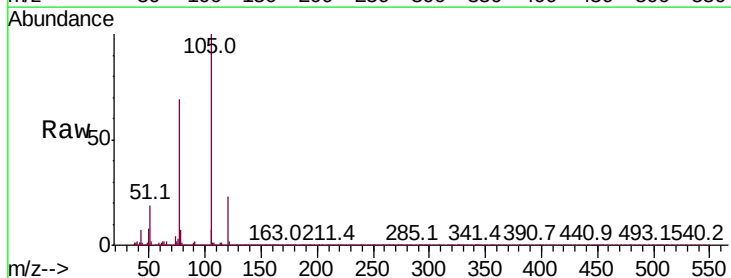
Tgt Ion: 105 Resp: 160615

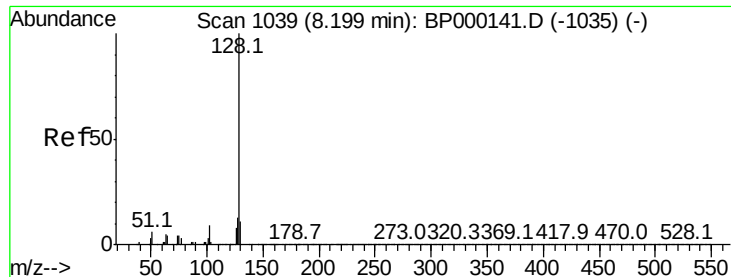
Ion Ratio Lower Upper

105 100

77 69.2 57.2 85.8

51 18.7 14.7 22.1

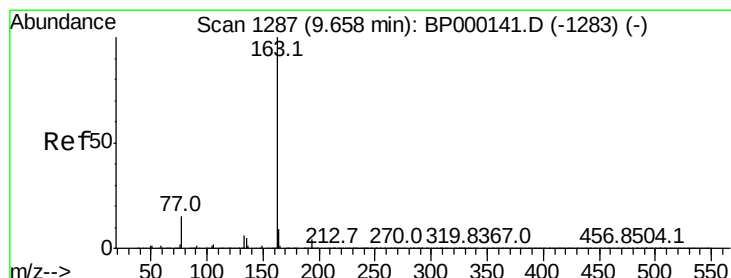
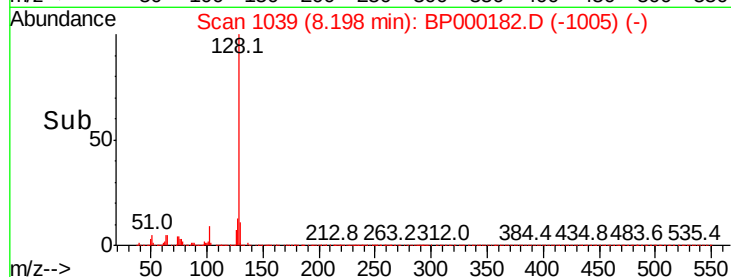
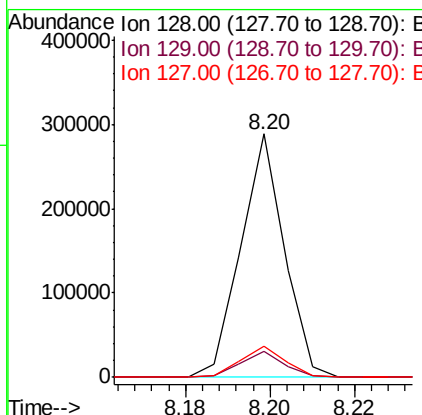
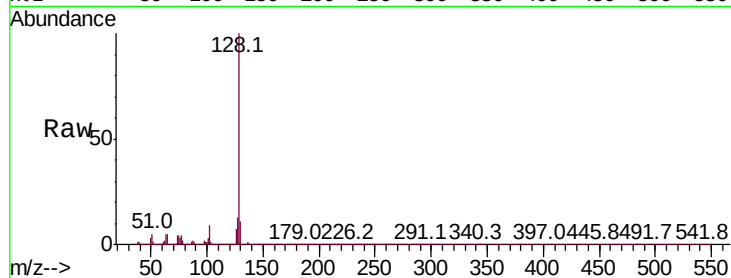




#28
Naphthalene
Concen: 2.109 ng/ul
RT: 8.20 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BP000182.D
Acq: 10 Sep 2019 22:15

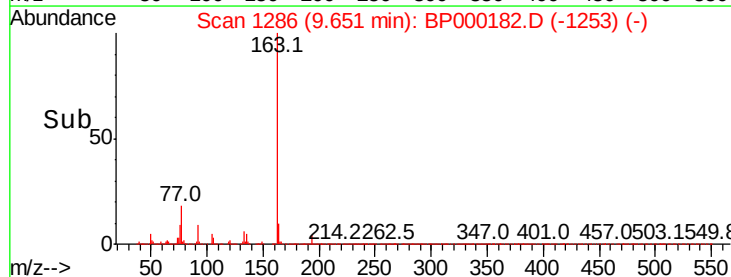
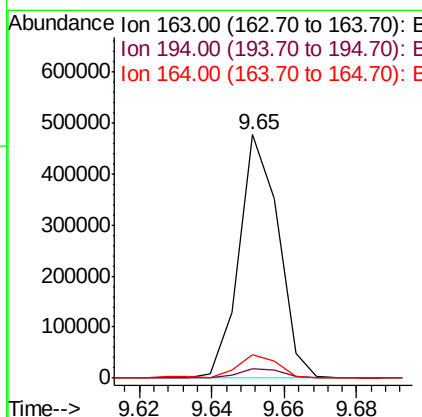
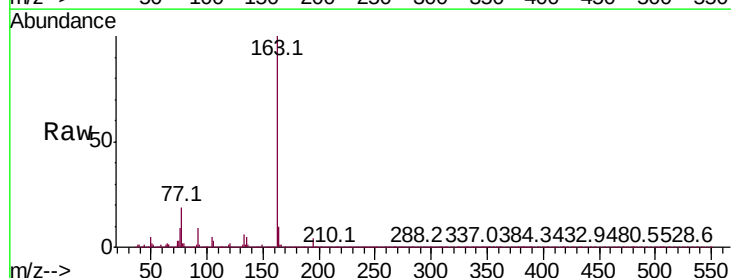
Instrument :
BNA_P
ClientSampleId :

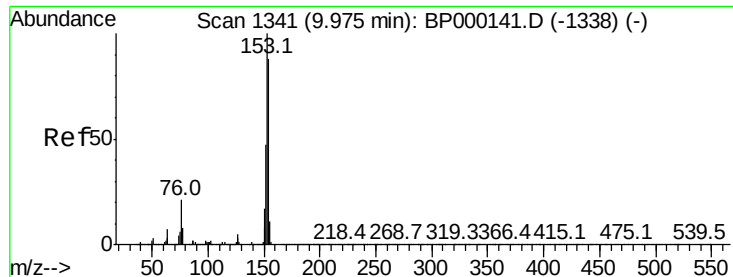
Tot Ion:128 Resp: 205414
Ion Ratio Lower Upper
128 100
129 10.9 9.1 13.7
127 12.9 10.7 16.1



#45
Dimethylphthalate
Concen: 5.060 ng/ul
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BP000182.D
Acq: 10 Sep 2019 22:15

Tgt Ion:163 Resp: 356157
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 9.8 8.4 12.6





#50

Acenaphthene

Concen: 7.497 ng/ul

RT: 9.97 min Scan# 1341

Delta R.T. -0.01 min

Lab File: BP000182.D

Acq: 10 Sep 2019 22:15

Instrument :

BNA_P

ClientSampleId :

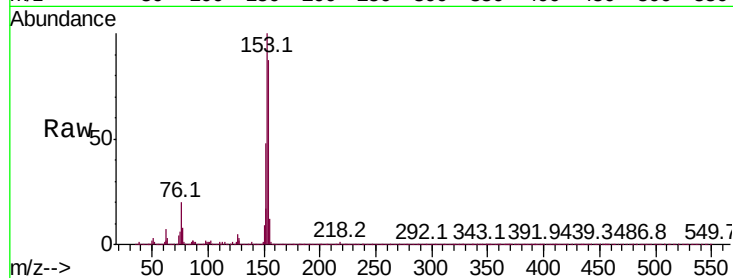
Tot Ion:153 Resp: 467863

Ion Ratio Lower Upper

153 100

152 48.2 38.0 57.0

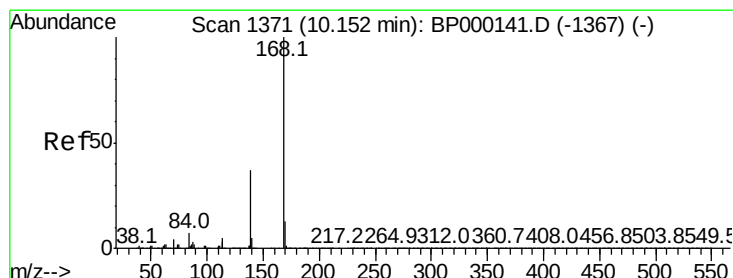
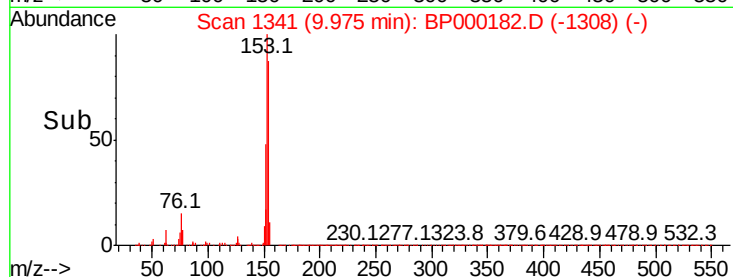
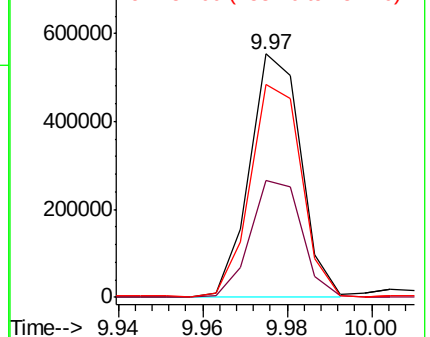
154 87.5 72.6 108.8



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 1.780 ng/ul

RT: 10.15 min Scan# 1371

Delta R.T. -0.00 min

Lab File: BP000182.D

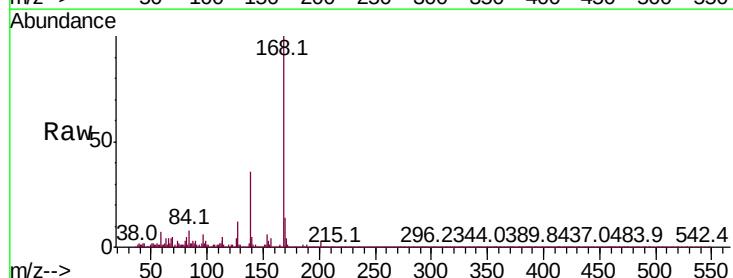
Acq: 10 Sep 2019 22:15

Tgt Ion:168 Resp: 152380

Ion Ratio Lower Upper

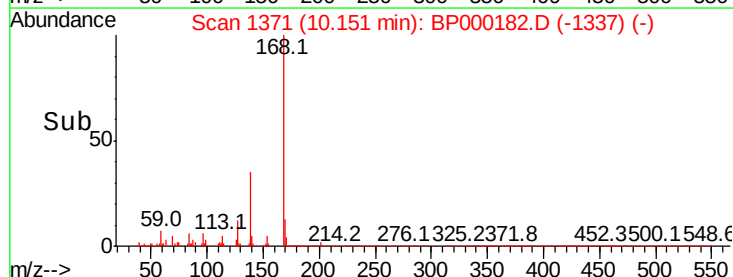
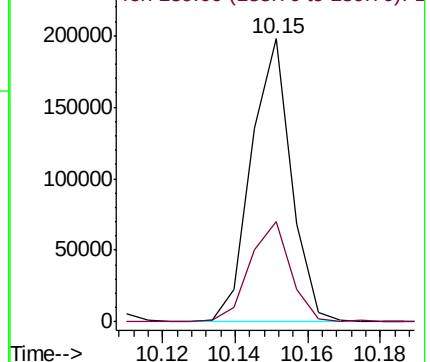
168 100

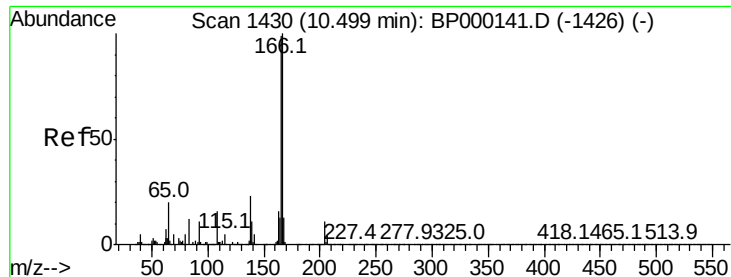
139 35.5 30.0 45.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#59

Fluorene

Concen: 3.073 ng/ul

RT: 10.50 min Scan# 1430

Delta R.T. -0.00 min

Lab File: BP000182.D

Acq: 10 Sep 2019 22:15

Instrument :

BNA_P

ClientSampleId :

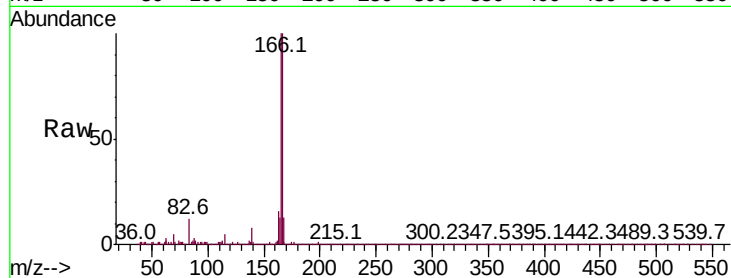
Tot Ion:166 Resp: 203520

Ion Ratio Lower Upper

166 100

165 100.0 77.8 116.8

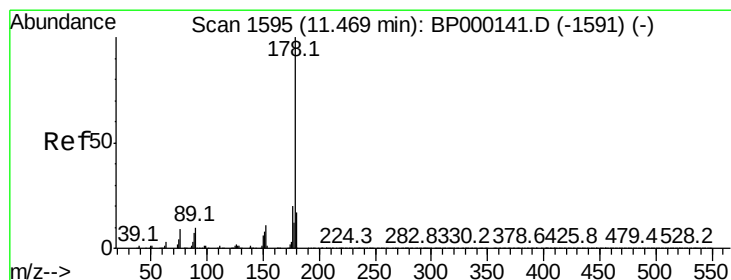
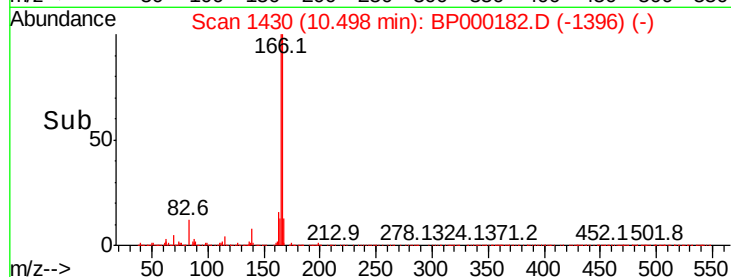
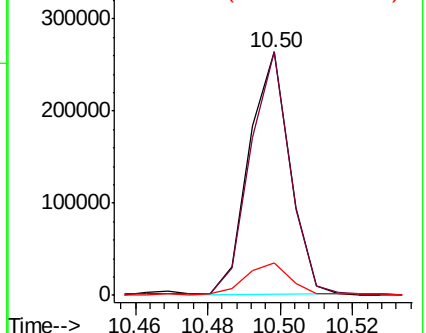
167 13.3 10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#70

Phenanthrene

Concen: 32.071 ng/ul

RT: 11.47 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BP000182.D

Acq: 10 Sep 2019 22:15

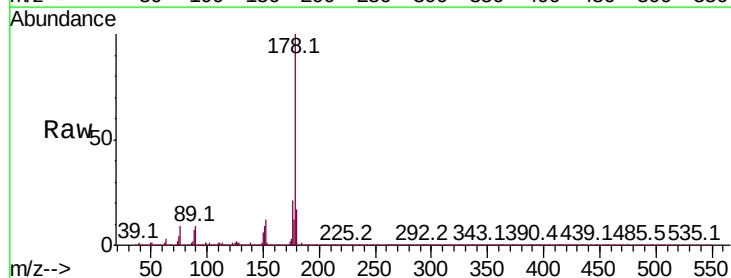
Tgt Ion:178 Resp: 2969440

Ion Ratio Lower Upper

178 100

179 16.5 12.5 18.7

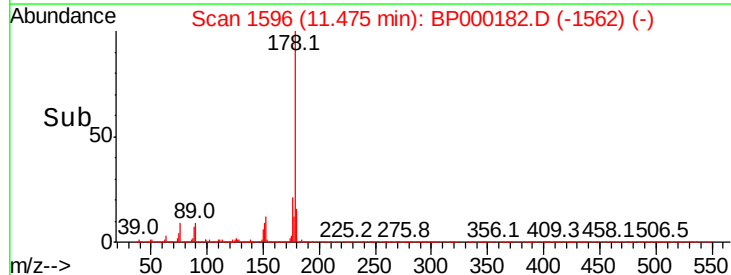
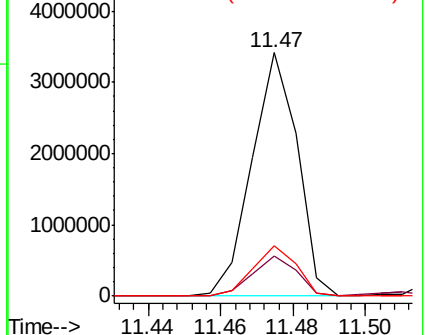
176 20.7 15.7 23.5

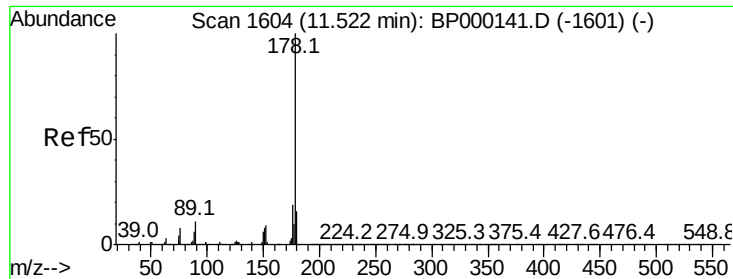


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 6.551 ng/ul

RT: 11.52 min Scan# 1604

Delta R.T. -0.01 min

Lab File: BP000182.D

Acq: 10 Sep 2019 22:15

Instrument :

BNA_P

ClientSampled :

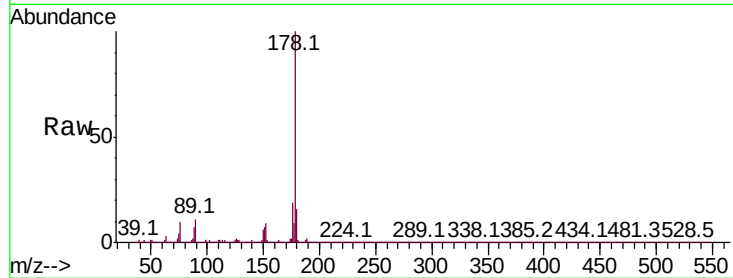
Tot Ion:178 Resp: 596813

Ion Ratio Lower Upper

178 100

179 15.8 12.3 18.5

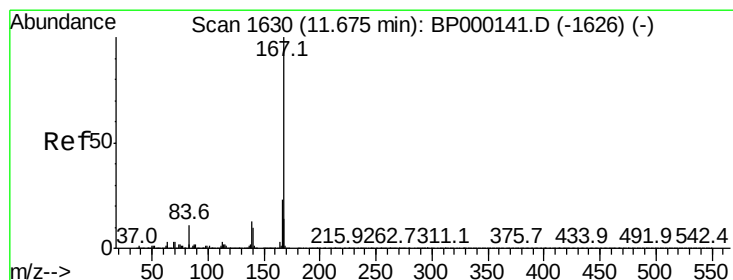
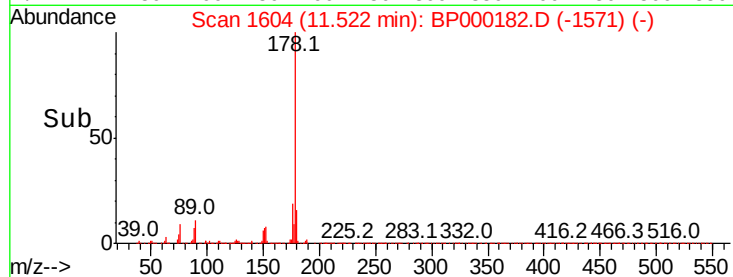
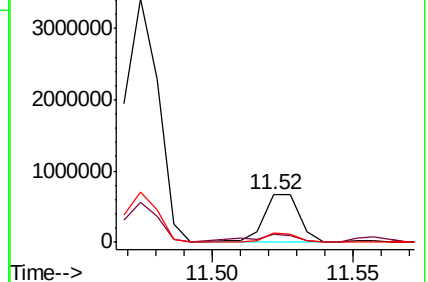
176 18.8 15.1 22.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#75

Carbazole

Concen: 6.021 ng/ul

RT: 11.67 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BP000182.D

Acq: 10 Sep 2019 22:15

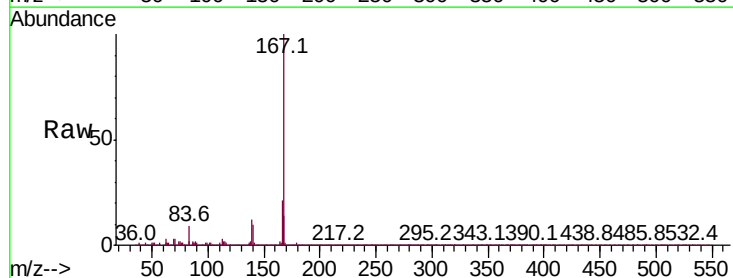
Tgt Ion:167 Resp: 469038

Ion Ratio Lower Upper

167 100

166 20.9 17.3 25.9

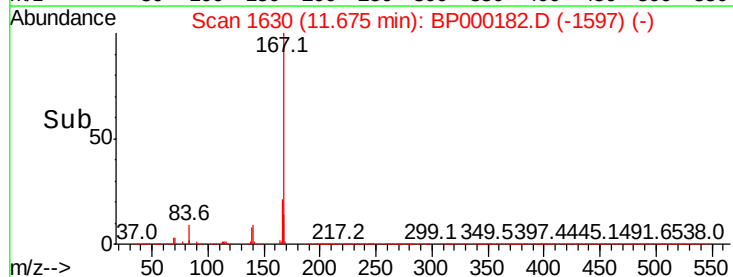
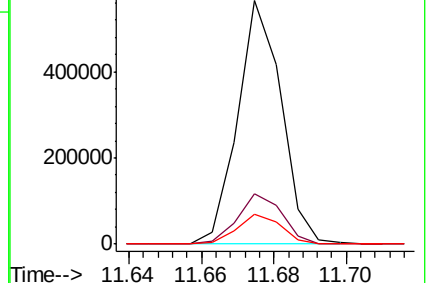
139 12.3 10.6 15.8

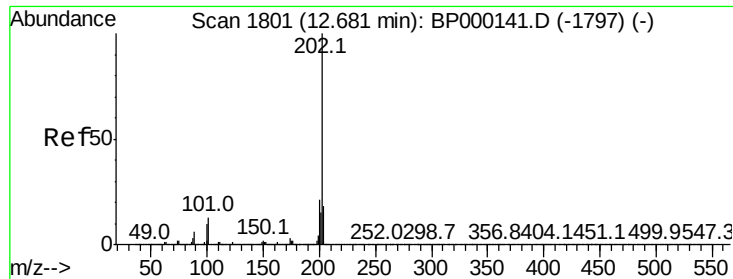


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

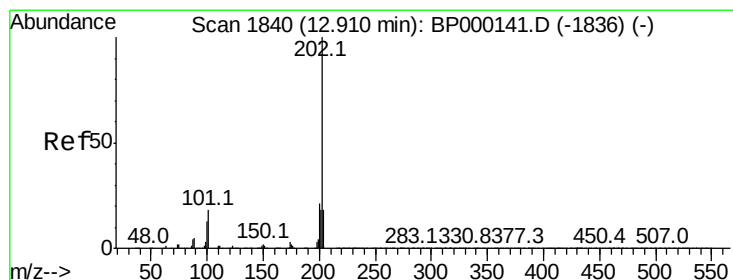
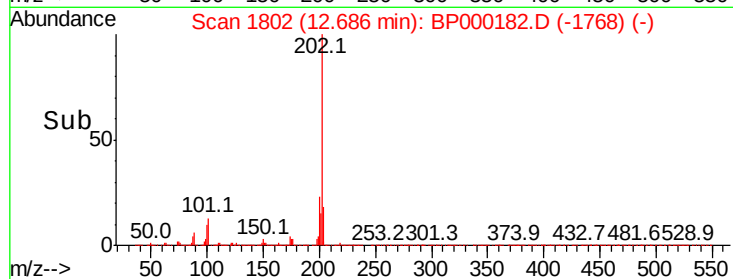
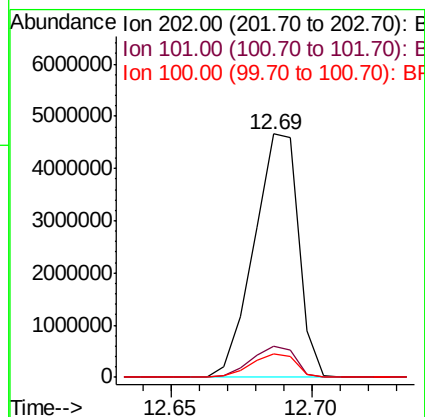
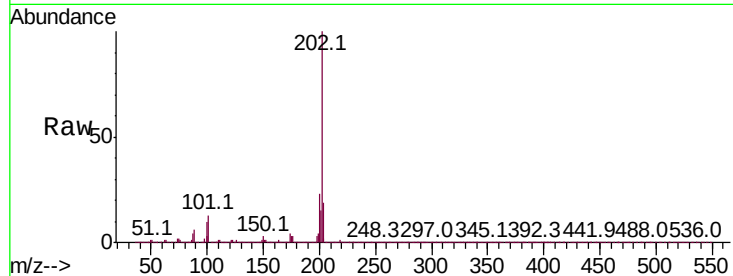




#77
Fluoranthene
Concen: 54.485 ng/ul
RT: 12.69 min Scan# 1802
Delta R.T. -0.00 min
Lab File: BP000182.D
Acq: 10 Sep 2019 22:15

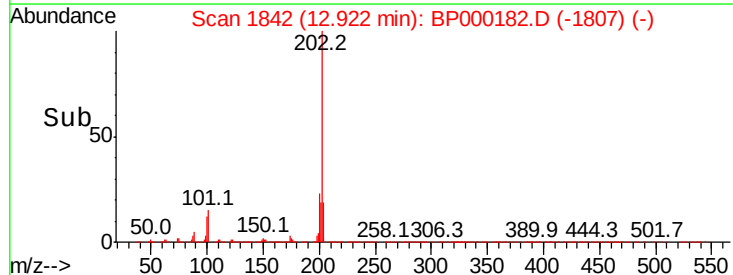
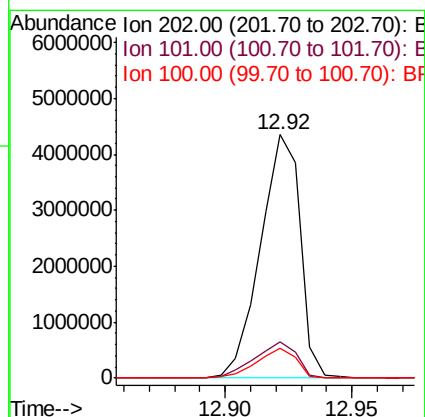
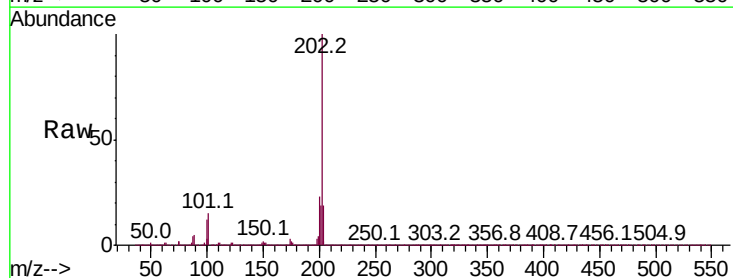
Instrument :
BNA_P
ClientSampleId :

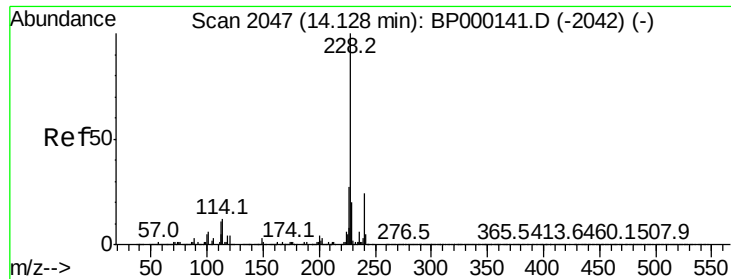
Tot Ion:202 Resp: 5088171
Ion Ratio Lower Upper
202 100
101 12.9 10.0 15.0
100 9.8 7.4 11.2



#80
Pyrene
Concen: 62.182 ng/ul
RT: 12.92 min Scan# 1842
Delta R.T. 0.01 min
Lab File: BP000182.D
Acq: 10 Sep 2019 22:15

Tgt Ion:202 Resp: 4773515
Ion Ratio Lower Upper
202 100
101 15.0 13.4 20.0
100 12.3 10.8 16.2





#83

Benzo(a)anthracene

Concen: 43.100 ng/ul

RT: 14.14 min Scan# 2049

Delta R.T. 0.01 min

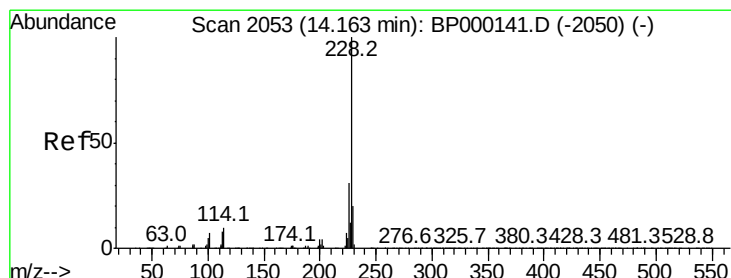
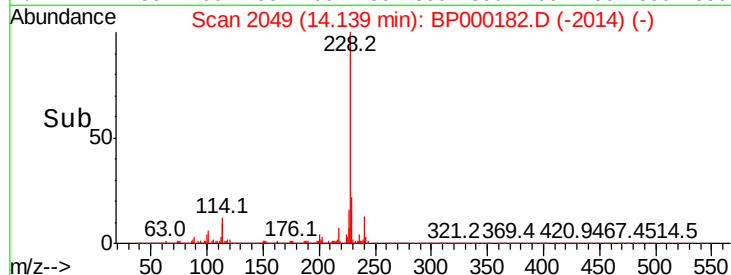
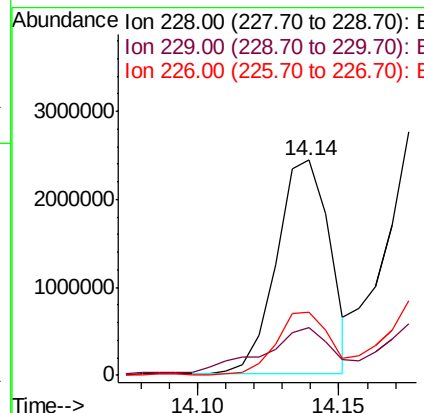
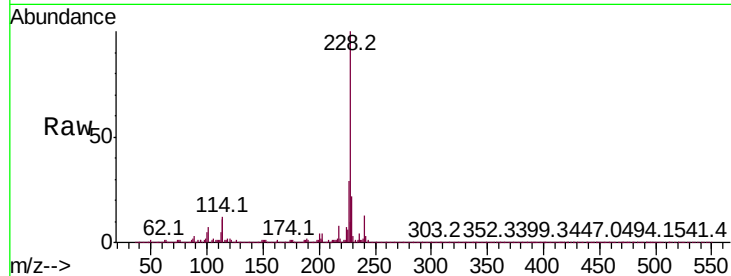
Lab File: BP000182.D

Acq: 10 Sep 2019 22:15

Instrument :
BNA_P
ClientSampleId :

Tot Ion:228 Resp: 3174557

Ion	Ratio	Lower	Upper
228	100		
229	22.2	15.9	23.9
226	29.3	22.1	33.1



#85

Chrysene

Concen: 49.663 ng/ul

RT: 14.17 min Scan# 2055

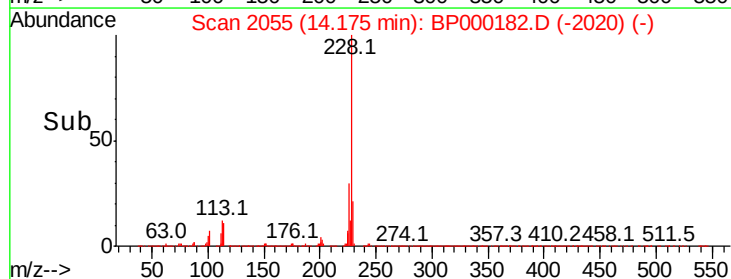
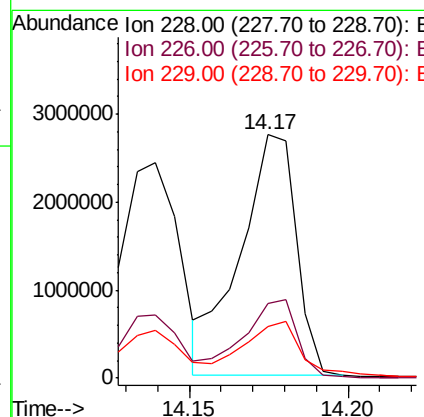
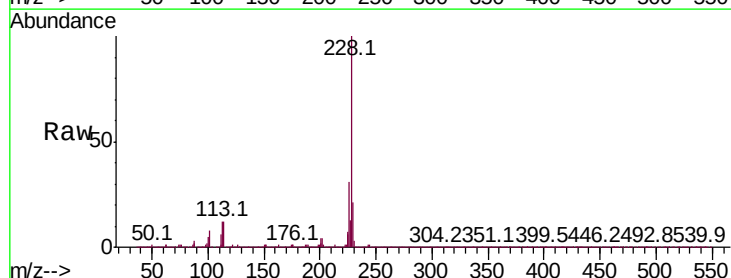
Delta R.T. 0.01 min

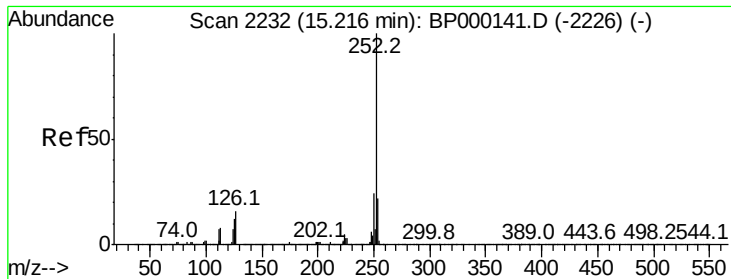
Lab File: BP000182.D

Acq: 10 Sep 2019 22:15

Tgt Ion:228 Resp: 3356646

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.4	36.6
229	21.3	16.0	24.0





#88

Benzo(b)fluoranthene

Concen: 90.445 ng/ul

RT: 15.25 min Scan# 2238

Delta R.T. 0.02 min

Lab File: BP000182.D

Acq: 10 Sep 2019 22:15

Instrument :

BNA_P

ClientSampleId :

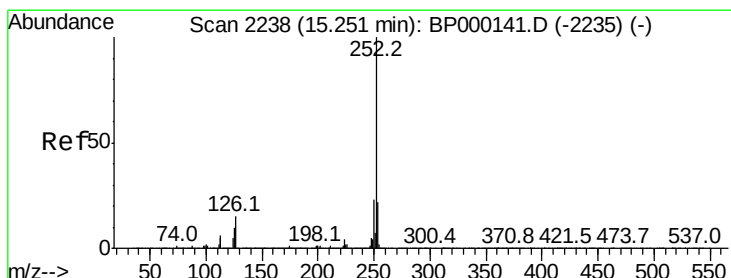
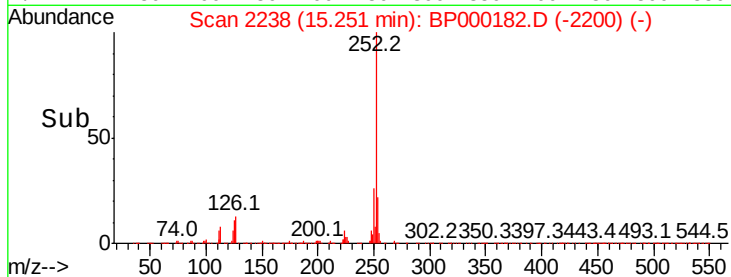
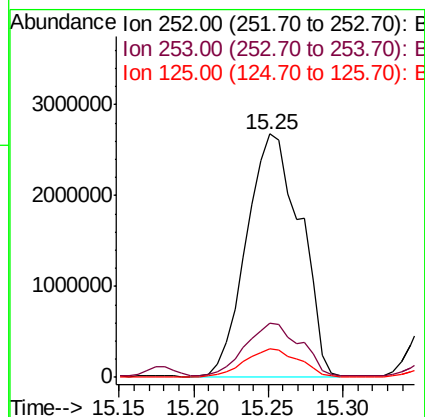
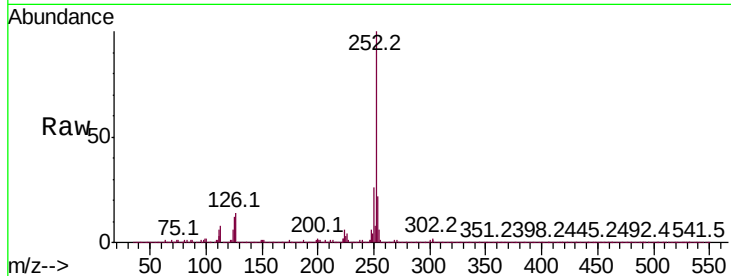
Tot Ion:252 Resp: 6698038

Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

125 11.6 9.9 14.9



#89

Benzo(k)fluoranthene

Concen: 95.948 ng/ul

RT: 15.25 min Scan# 2238

Delta R.T. -0.01 min

Lab File: BP000182.D

Acq: 10 Sep 2019 22:15

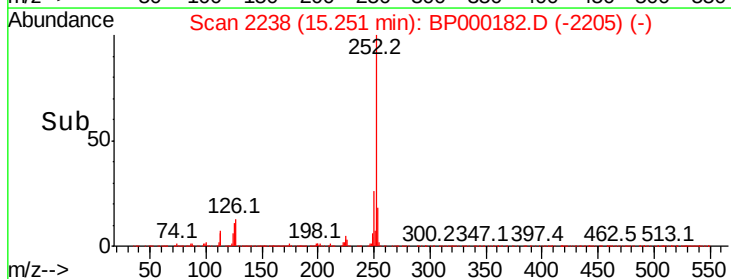
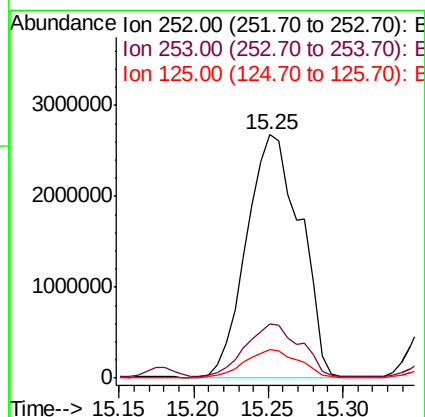
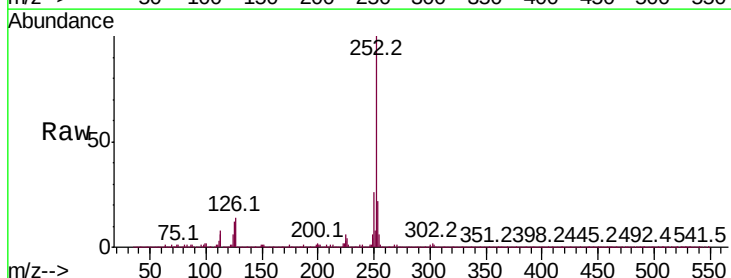
Tgt Ion:252 Resp: 6698038

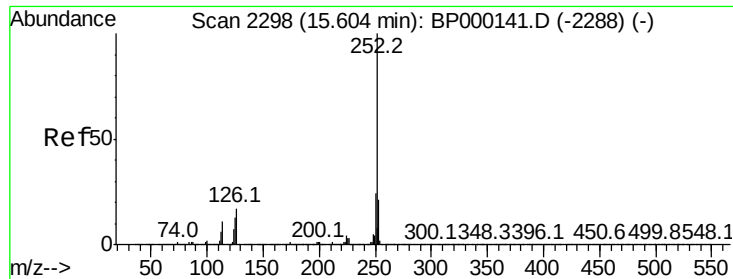
Ion Ratio Lower Upper

252 100

253 22.4 18.0 27.0

125 11.6 10.2 15.2





#91

Benzo(a)pyrene

Concen: 53.757 ng/ul

RT: 15.65 min Scan# 2305

Delta R.T. 0.03 min

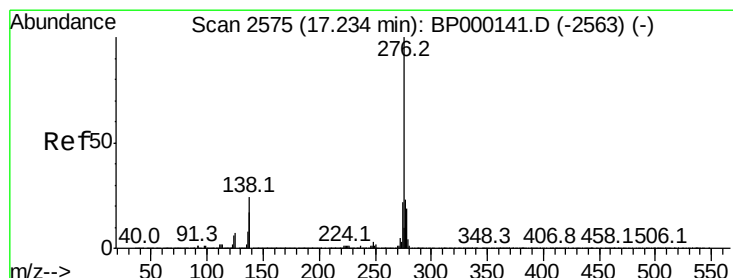
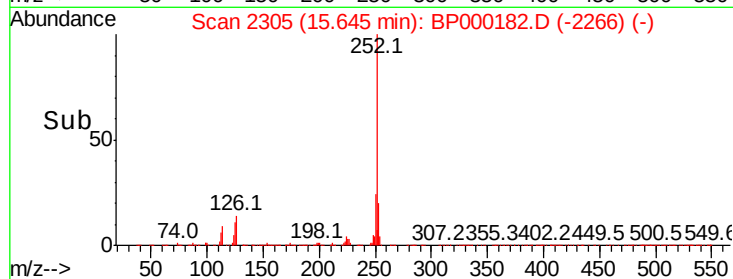
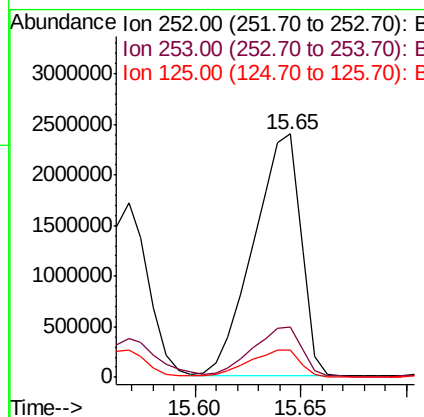
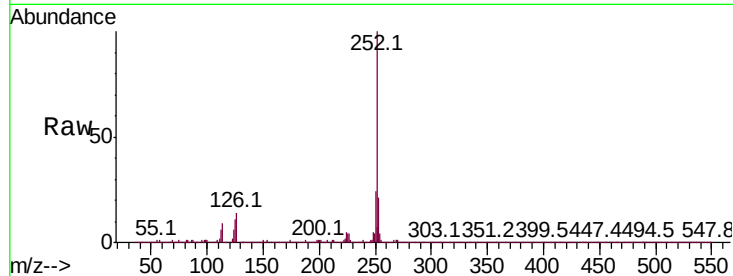
Lab File: BP000182.D

Acq: 10 Sep 2019 22:15

Instrument :
BNA_P
ClientSampled :

Tot Ion:252 Resp: 3735239

Ion	Ratio	Lower	Upper
252	100		
253	20.7	17.5	26.3
125	11.0	10.2	15.2



#92

Indeno(1,2,3-cd)pyrene

Concen: 35.703 ng/ul

RT: 17.29 min Scan# 2585

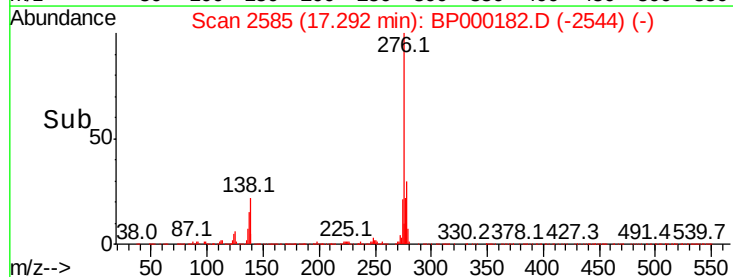
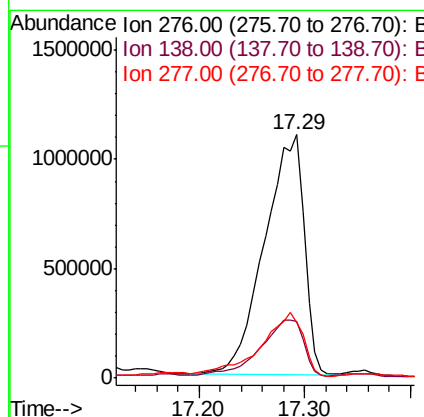
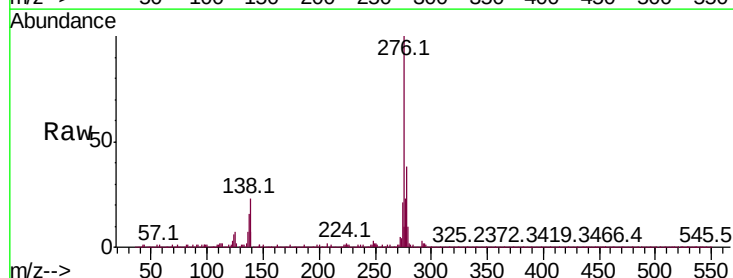
Delta R.T. 0.04 min

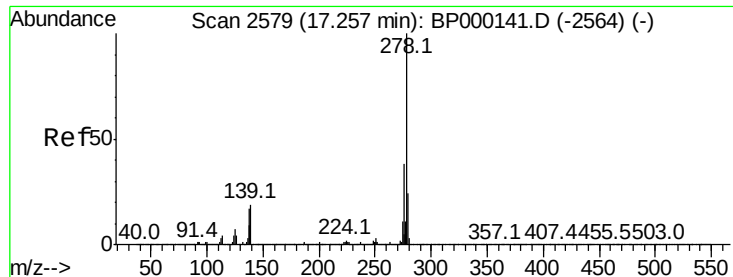
Lab File: BP000182.D

Acq: 10 Sep 2019 22:15

Tgt Ion:276 Resp: 2853941

Ion	Ratio	Lower	Upper
276	100		
138	23.4	20.0	30.0
277	23.0	19.4	29.0





#93

Dibenzo(a,h)anthracene

Concen: 10.555 ng/ul

RT: 17.29 min Scan# 2585

Delta R.T. 0.02 min

Lab File: BP000182.D

Acq: 10 Sep 2019 22:15

Instrument :

BNA_P

ClientSampled :

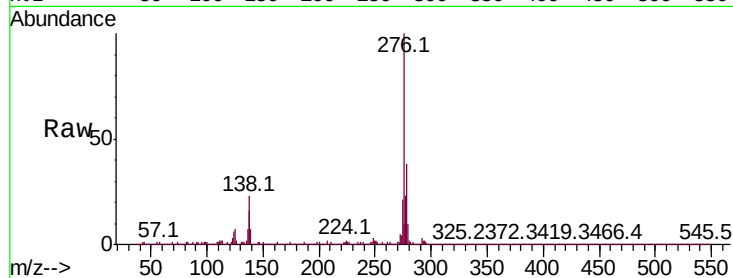
Tot Ion:278 Resp: 698877

Ion	Ratio	Lower	Upper
278	100		
139	18.7	15.1	22.7
279	26.1	19.2	28.8

278 100

139 18.7 15.1 22.7

279 26.1 19.2 28.8

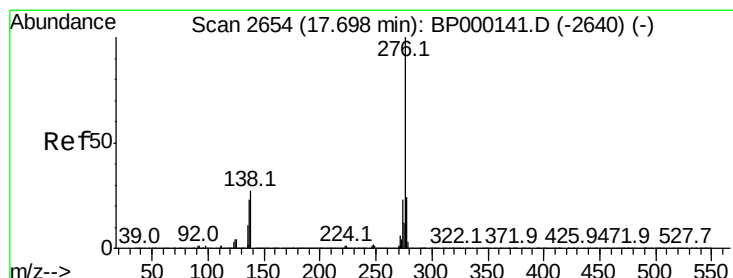
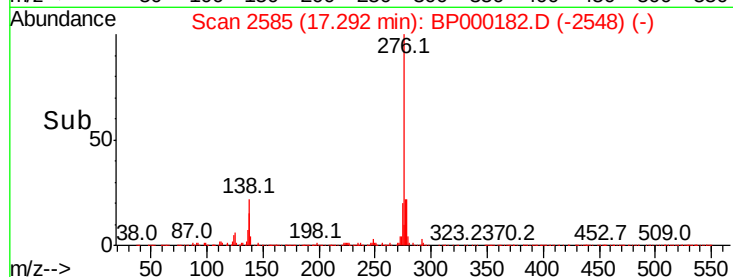
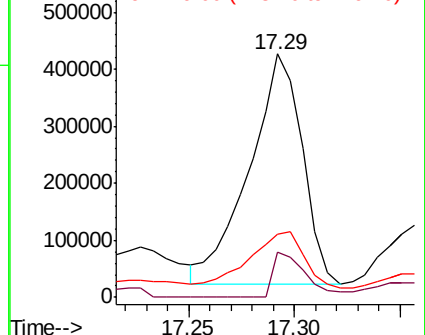


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#94

Benzo(g,h,i)perylene

Concen: 41.020 ng/ul

RT: 17.76 min Scan# 2665

Delta R.T. 0.04 min

Lab File: BP000182.D

Acq: 10 Sep 2019 22:15

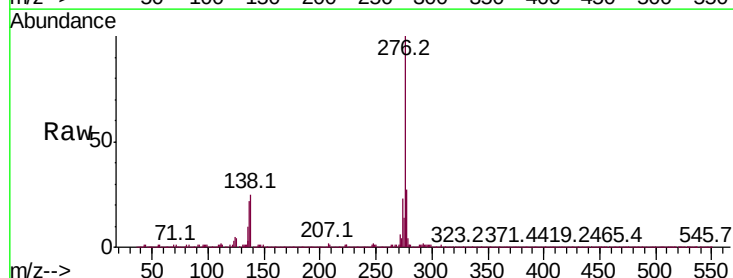
Tgt Ion:276 Resp: 2733937

Ion	Ratio	Lower	Upper
276	100		
138	25.0	20.0	30.0
277	27.2	19.1	28.7

276 100

138 25.0 20.0 30.0

277 27.2 19.1 28.7



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

