

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP090919\
 Data File : BP000150.D
 Acq On : 09 Sep 2019 22:29
 Operator : HP/JU
 Sample : K4634-03MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 10 03:39:18 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	492865	20.00	ng/ul	0.00
18) Naphthalene-d8	8.17	136	1901172	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	1007216	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.45	188	1720149	20.00	ng/ul	0.00
78) Chrysene-d12	14.14	240	1231580	20.00	ng/ul	0.00
86) Perylene-d12	15.68	264	1277029	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.62	96	48527	3.49	ng/uL	0.01
5) Phenol-d5	6.51	99	838088	19.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.58	67	467543	21.30	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	724346	21.34	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	576522	18.28	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	336751	23.33	ng/ul	0.00
22) 2-Nitrophenol-d4	7.77	143	362069	25.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.02	165	622665	20.87	ng/ul	0.00
29) 4-Chloroaniline-d4	8.23	131	564477	15.30	ng/ul	0.00
44) Dimethylphthalate-d6	9.63	166	1672704	22.49	ng/ul	0.00
47) Acenaphthylene-d8	9.79	160	2029135	22.08	ng/ul	0.00
52) 4-Nitrophenol-d4	10.03	143	217058	16.33	ng/ul	0.00
58) Fluorene-d10	10.47	176	1375101	21.77	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.52	200	151940	19.22	ng/ul	0.00
71) Anthracene-d10	11.50	188	1757064	21.09	ng/ul	0.00
79) Pyrene-d10	12.89	212	1895430	25.88	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.58	264	1589295	24.01	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.52	94	954083	21.807	ng/ul 99
10) 2-Chlorophenol	6.68	128	673710	18.798	ng/ul 97
15) N-Nitroso-di-n-propylamine	7.29	70	455010	20.473	ng/ul 99
33) 4-Chloro-3-methylphenol	8.72	107	575727	18.971	ng/ul 96
45) Dimethylphthalate	9.65	163	328615	4.379	ng/ul 99
50) Acenaphthene	9.97	153	1354245	20.354	ng/ul 99
53) 4-Nitrophenol	10.04	109	176858	17.881	ng/ul 94
55) 2,4-Dinitrotoluene	10.12	165	397107	20.316	ng/ul# 97
69) Pentachlorophenol	11.25	266	206280	17.322	ng/ul 100
70) Phenanthrene	11.47	178	1005434	9.884	ng/ul 99
72) Anthracene	11.52	178	161907	1.617	ng/ul 99
75) Carbazole	11.67	167	156233	1.826	ng/ul 99
77) Fluoranthene	12.68	202	3039295	29.622	ng/ul 97
80) Pyrene	12.92	202	4258778	45.834	ng/ul 99
83) Benzo(a)anthracene	14.13	228	1344244	15.078	ng/ul 97
84) Bis(2-ethylhexyl)phthalate	14.15	149	91138	1.800	ng/ul 98
85) Chrysene	14.16	228	1582020	19.338	ng/ul 98
88) Benzo(b)fluoranthene	15.23	252	2288092	27.034	ng/ul 99
89) Benzo(k)fluoranthene	15.23	252	2288092	28.679	ng/ul 100
91) Benzo(a)pyrene	15.62	252	1244252	15.668	ng/ul 99
92) Indeno(1,2,3-cd)pyrene	17.24	276	1020217	11.167	ng/ul 99
93) Dibenzo(a,h)anthracene	17.25	278	262930	3.475	ng/ul 95
94) Benzo(g,h,i)perylene	17.71	276	1010272	13.263	ng/ul 99

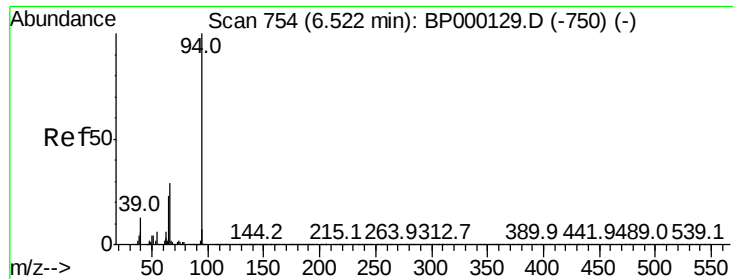
Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP090919\
Data File : BP000150.D
Acq On : 09 Sep 2019 22:29
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Quant Time: Sep 10 03:39:18 2019
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 02:43:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#6

Phenol

Concen: 21.807 ng/ul

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BP000150.D

Acq: 09 Sep 2019 22:29

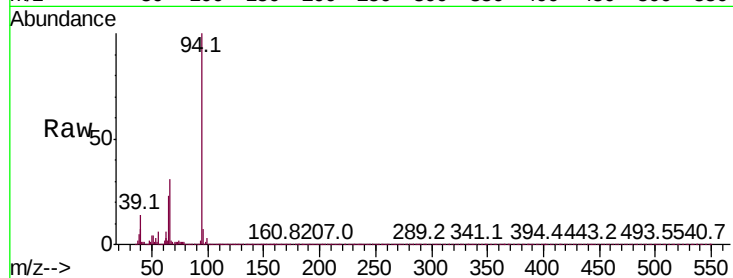
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 94 Resp: 954083

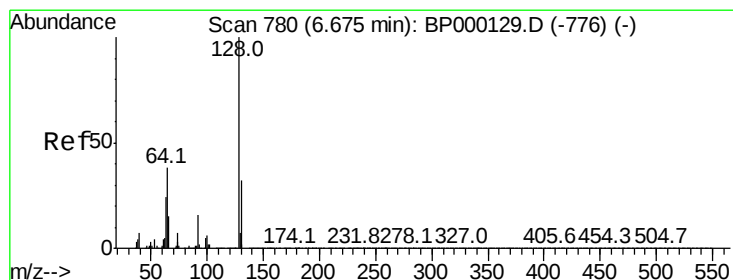
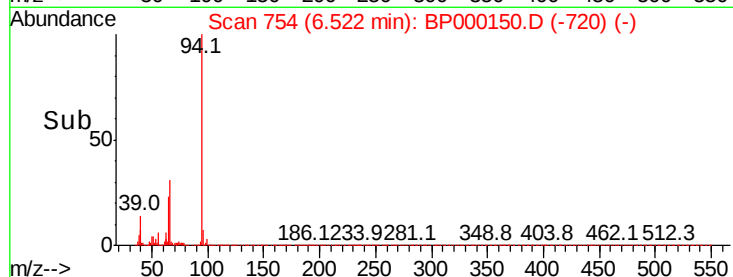
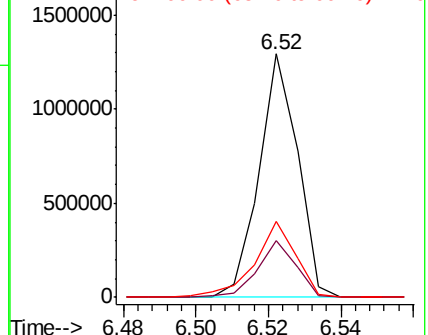
Ion	Ratio	Lower	Upper
94	100		
65	23.3	18.8	28.2
66	31.1	24.2	36.2



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



#10

2-Chlorophenol

Concen: 18.798 ng/ul

RT: 6.68 min Scan# 780

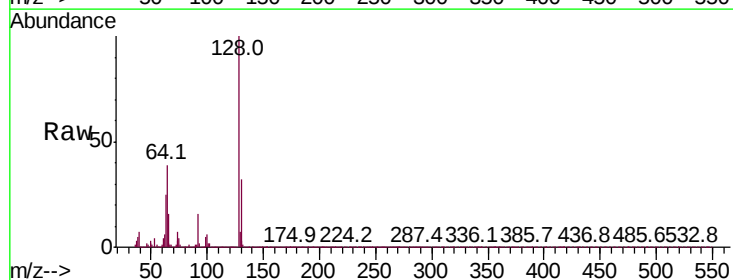
Delta R.T. 0.00 min

Lab File: BP000150.D

Acq: 09 Sep 2019 22:29

Tgt Ion: 128 Resp: 673710

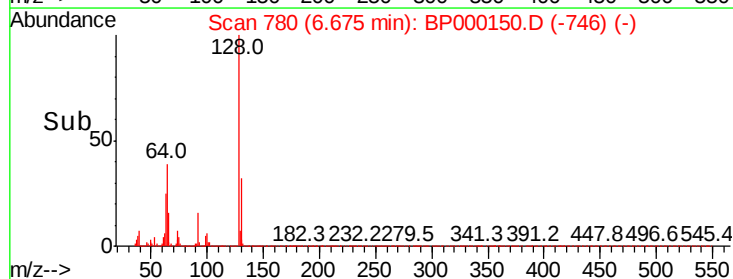
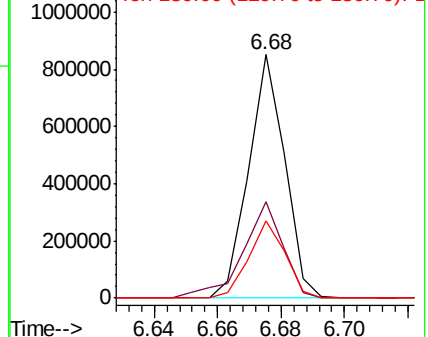
Ion	Ratio	Lower	Upper
128	100		
64	39.4	29.6	44.4
130	31.7	26.2	39.4

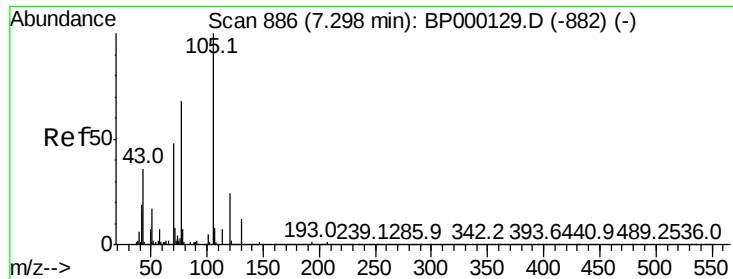


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 130.00 (129.70 to 130.70): E

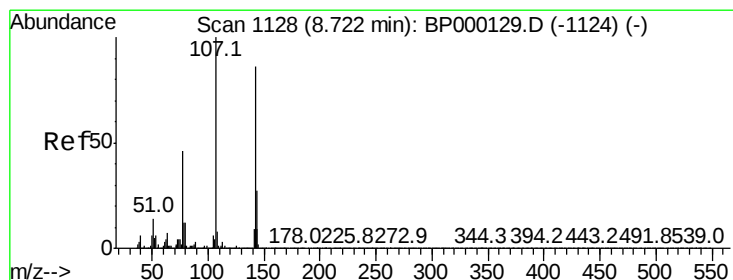
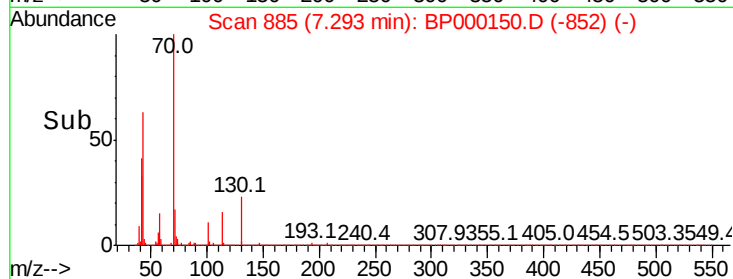
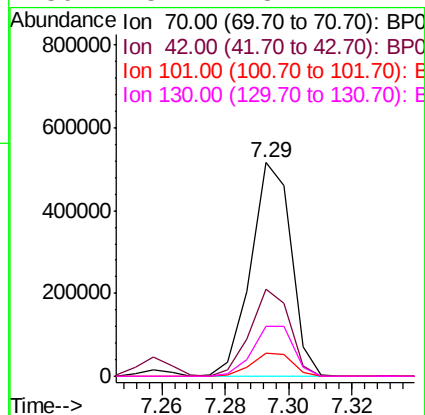
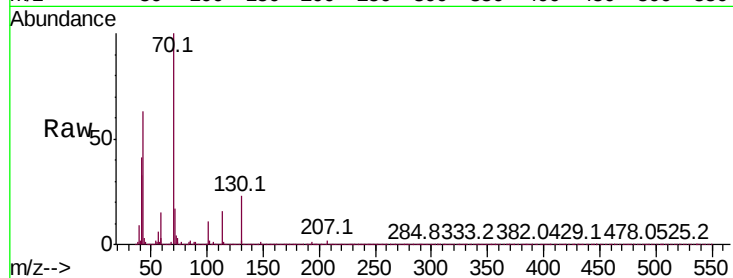




#15
N-Nitroso-di-n-propylamine
Concen: 20.473 ng/ul
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BP000150.D
Acq: 09 Sep 2019 22:29

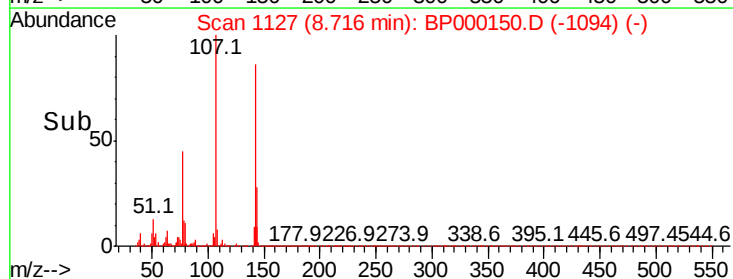
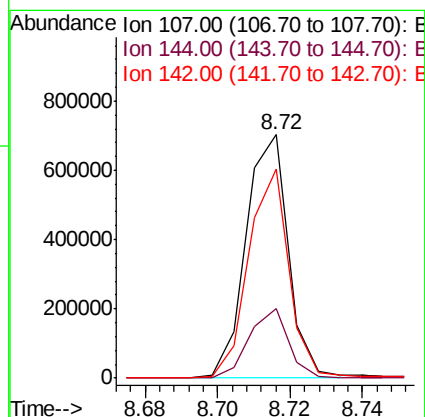
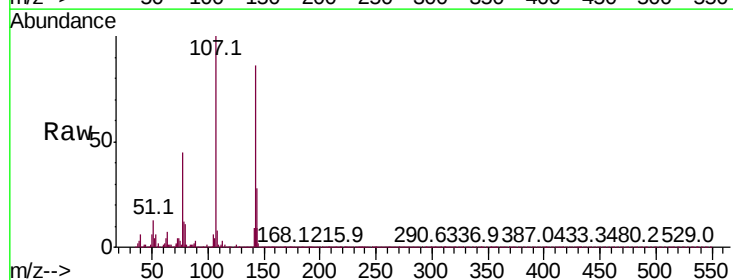
Instrument :
BNA_P
ClientSampleId :

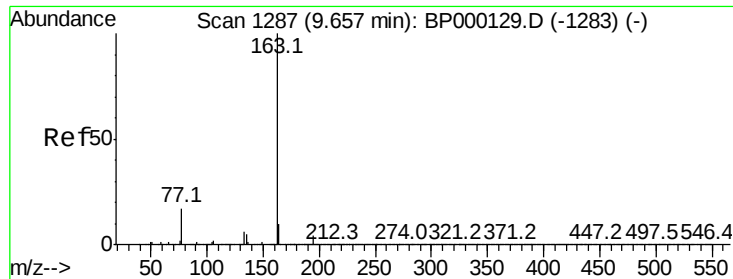
Tot Ion:	70	Resp:	455010
Ion	Ratio	Lower	Upper
70	100		
42	41.0	33.7	50.5
101	10.6	8.4	12.6
130	23.2	18.1	27.1



#33
4-Chloro-3-methylphenol
Concen: 18.971 ng/ul
RT: 8.72 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BP000150.D
Acq: 09 Sep 2019 22:29

Tgt Ion:	107	Resp:	575727
Ion	Ratio	Lower	Upper
107	100		
144	28.3	21.5	32.3
142	85.9	65.8	98.8

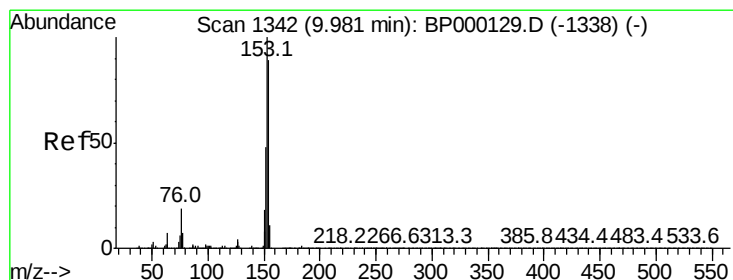
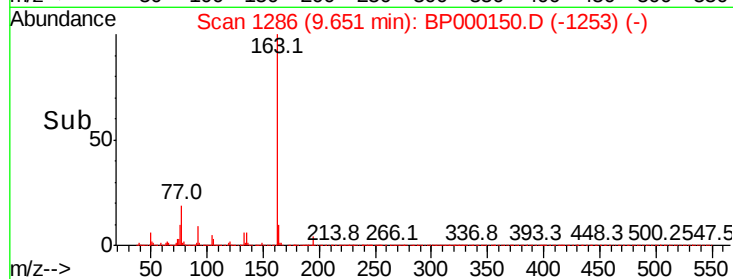
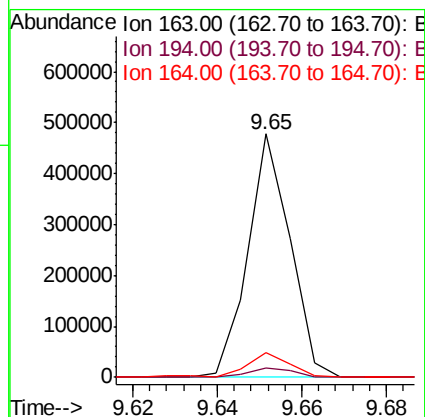
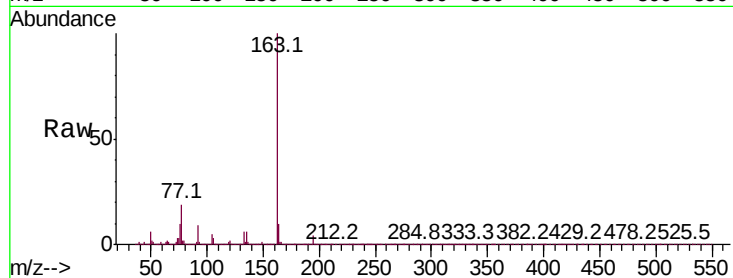




#45
Dimethylphthalate
Concen: 4.379 ng/ul
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BP000150.D
Acq: 09 Sep 2019 22:29

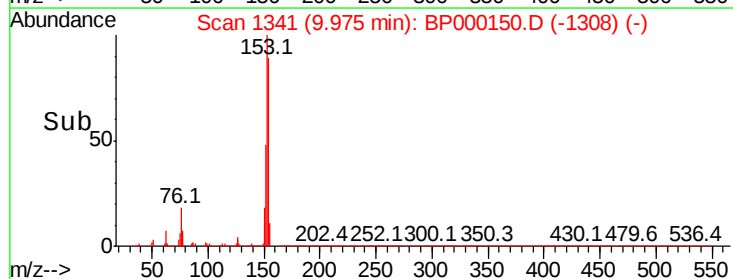
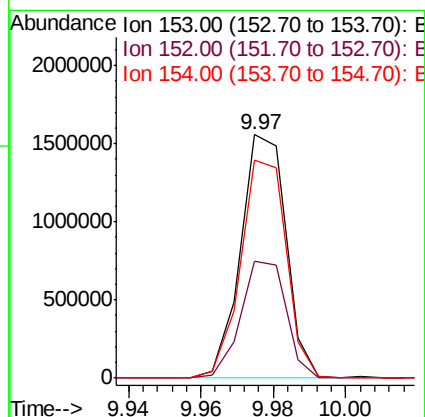
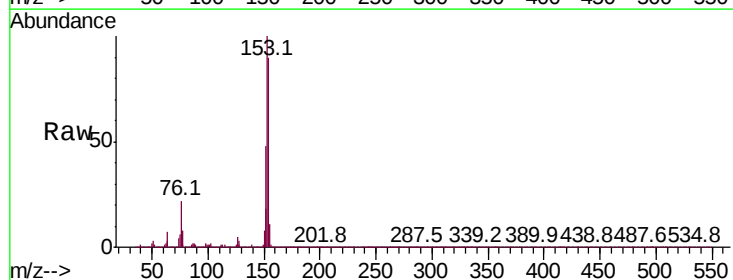
Instrument :
BNA_P
ClientSampleId :

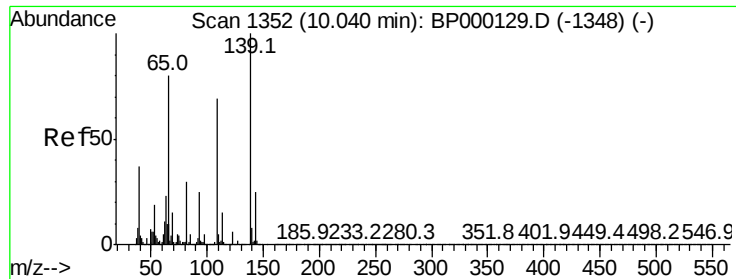
Tot Ion:163 Resp: 328615
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 10.3 8.4 12.6



#50
Acenaphthene
Concen: 20.354 ng/ul
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BP000150.D
Acq: 09 Sep 2019 22:29

Tgt Ion:153 Resp: 1354245
Ion Ratio Lower Upper
153 100
152 48.1 38.0 57.0
154 89.7 72.6 108.8





#53

4-Nitrophenol

Concen: 17.881 ng/ul

RT: 10.04 min Scan# 1352

Delta R.T. 0.00 min

Lab File: BP000150.D

Acq: 09 Sep 2019 22:29

Instrument :

BNA_P

ClientSampleId :

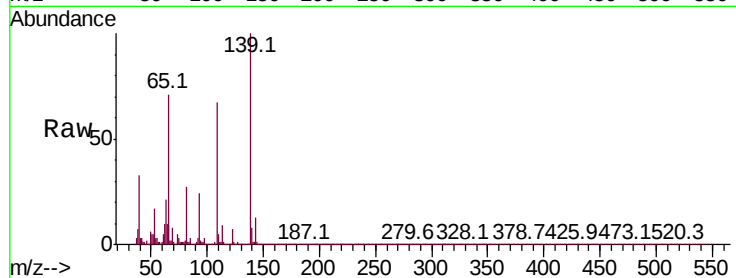
Tot Ion:109 Resp: 176858

Ion Ratio Lower Upper

109 100

139 150.1 118.6 177.8

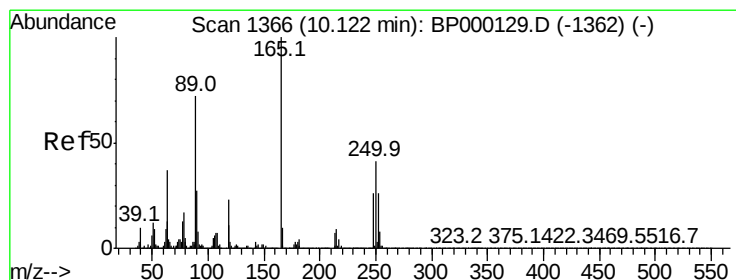
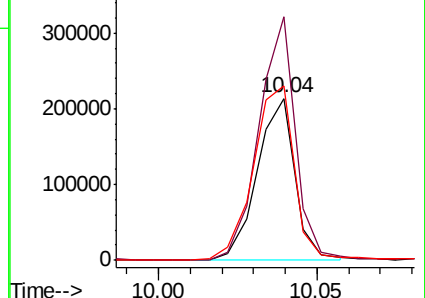
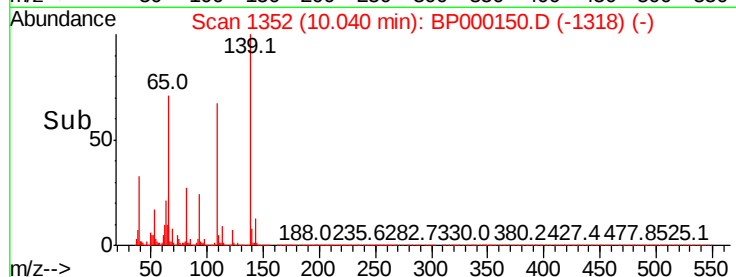
65 107.2 95.4 143.2



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BP0



#55

2,4-Dinitrotoluene

Concen: 20.316 ng/ul

RT: 10.12 min Scan# 1366

Delta R.T. 0.00 min

Lab File: BP000150.D

Acq: 09 Sep 2019 22:29

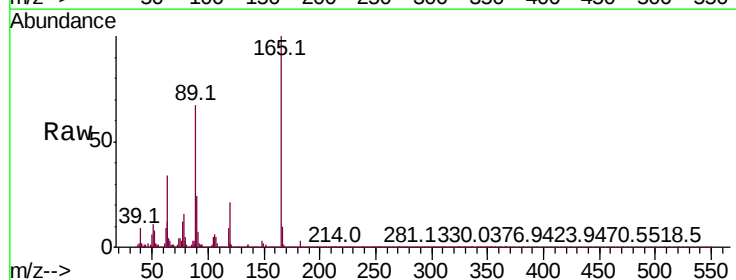
Tgt Ion:165 Resp: 397107

Ion Ratio Lower Upper

165 100

63 33.7 25.4 38.0

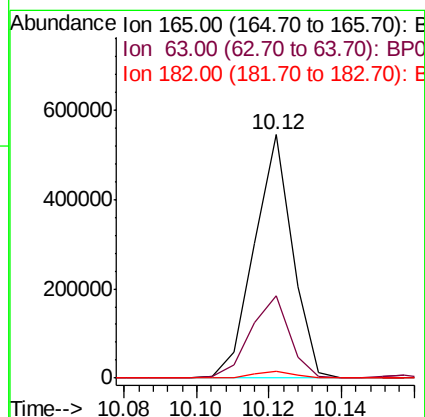
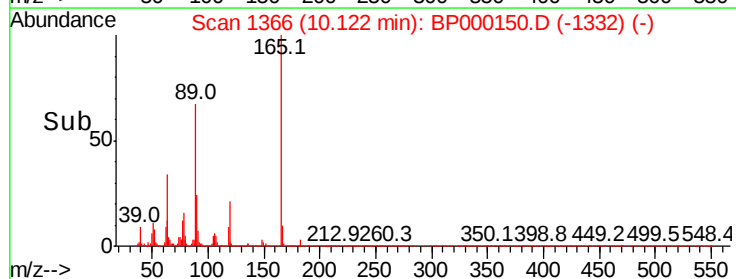
182 3.0 3.1 4.7#

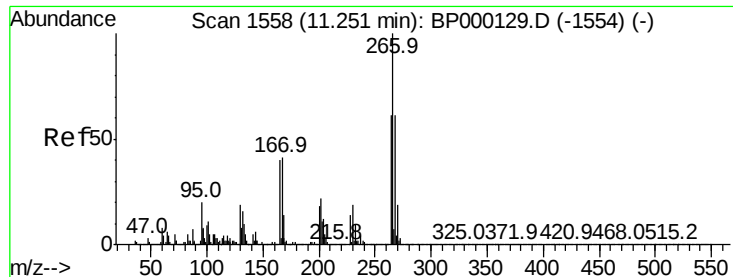


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 182.00 (181.70 to 182.70): E





#69

Pentachlorophenol

Concen: 17.322 ng/ul

RT: 11.25 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BP000150.D

Acq: 09 Sep 2019 22:29

Instrument :

BNA_P

ClientSampled :

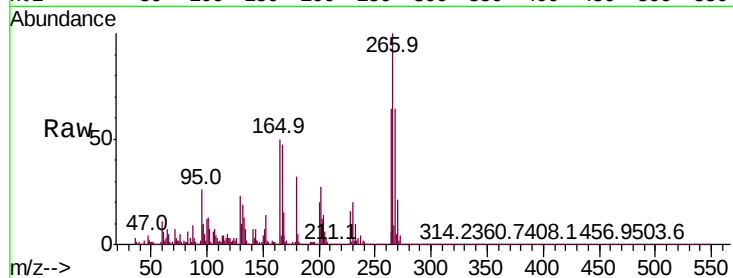
Tot Ion:266 Resp: 206280

Ion Ratio Lower Upper

266 100

264 63.5 50.6 75.8

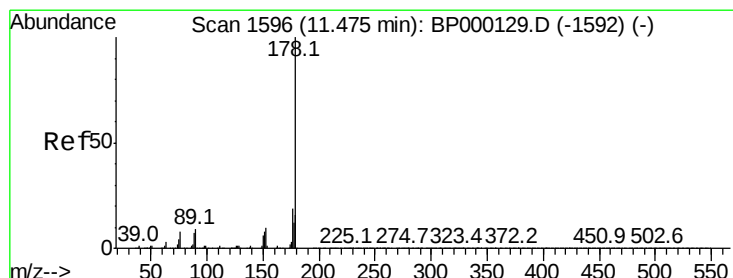
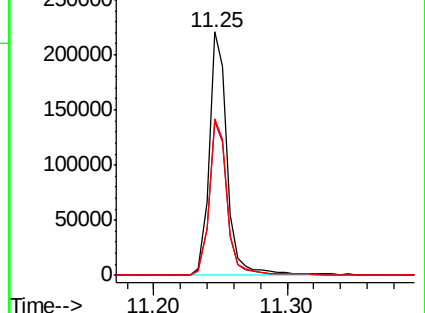
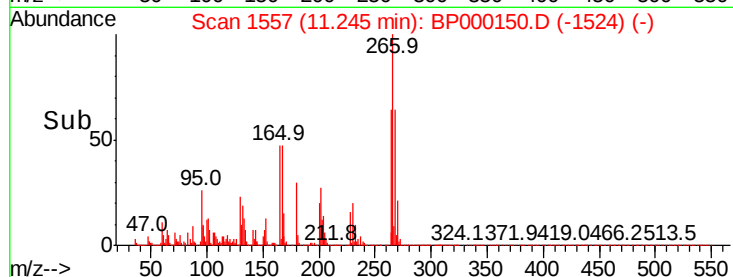
268 64.3 51.2 76.8



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#70

Phenanthrene

Concen: 9.884 ng/ul

RT: 11.47 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BP000150.D

Acq: 09 Sep 2019 22:29

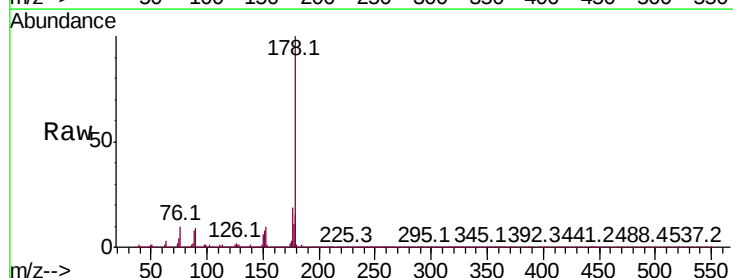
Tgt Ion:178 Resp: 1005434

Ion Ratio Lower Upper

178 100

179 15.4 12.5 18.7

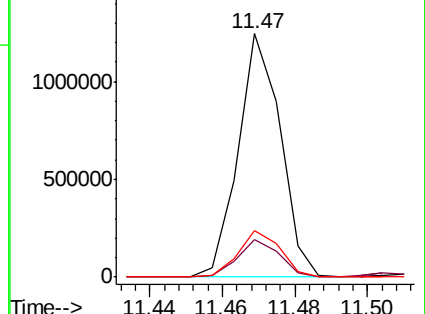
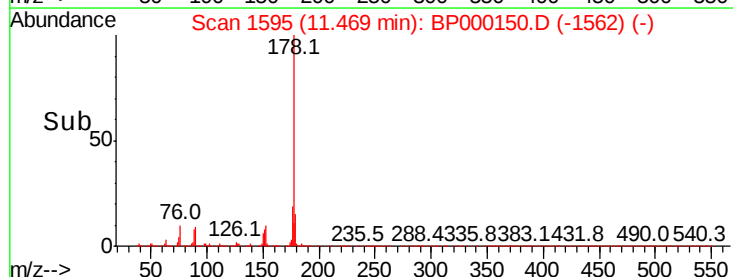
176 19.0 15.7 23.5

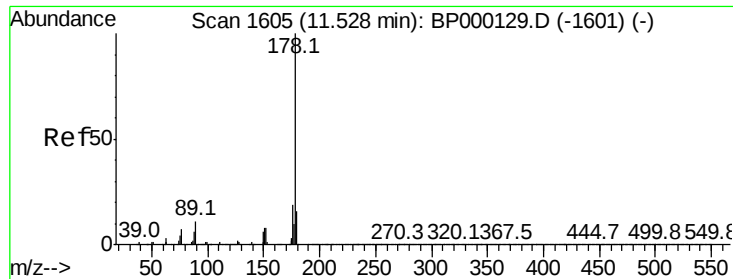


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 1.617 ng/ul

RT: 11.52 min Scan# 1604

Delta R.T. -0.01 min

Lab File: BP000150.D

Acq: 09 Sep 2019 22:29

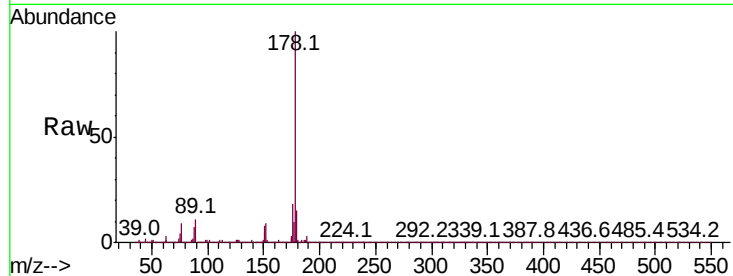
Instrument :

BNA_P

ClientSampleId :

Tot Ion:178 Resp: 161907

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	18.2	15.1	22.7

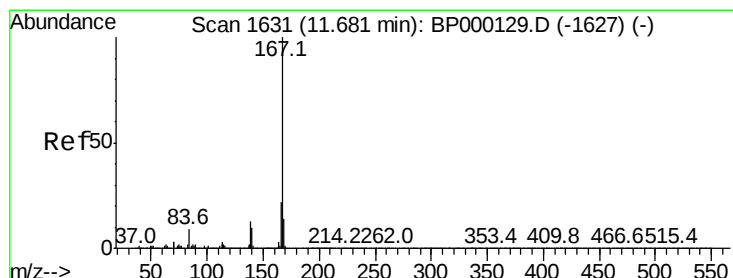
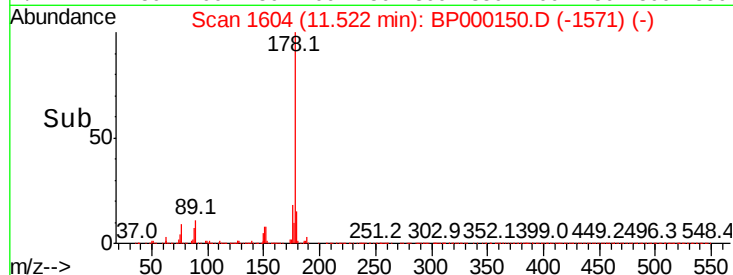
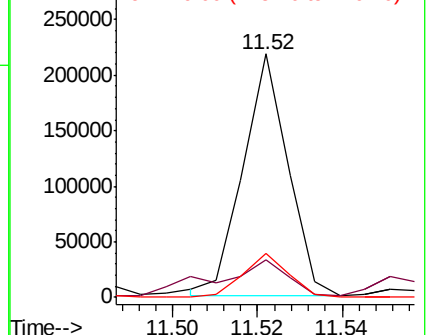


Abundance

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: 1.826 ng/ul

RT: 11.67 min Scan# 1630

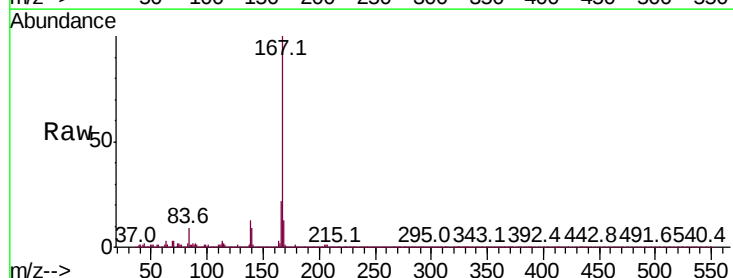
Delta R.T. -0.01 min

Lab File: BP000150.D

Acq: 09 Sep 2019 22:29

Tgt Ion:167 Resp: 156233

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.3	25.9
139	12.7	10.6	15.8

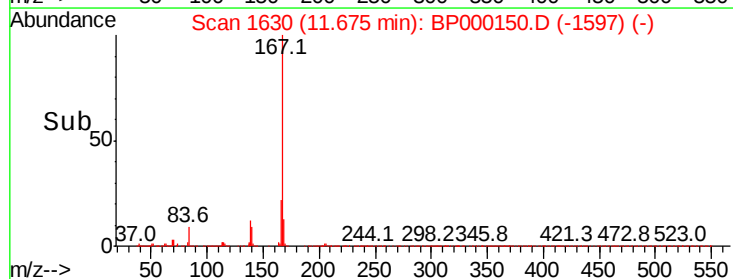
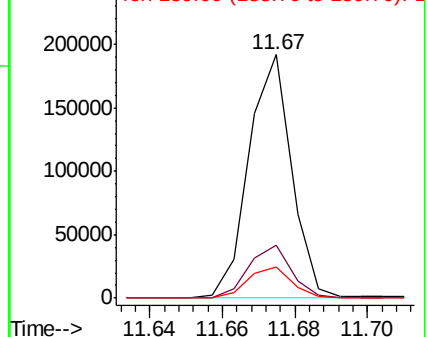


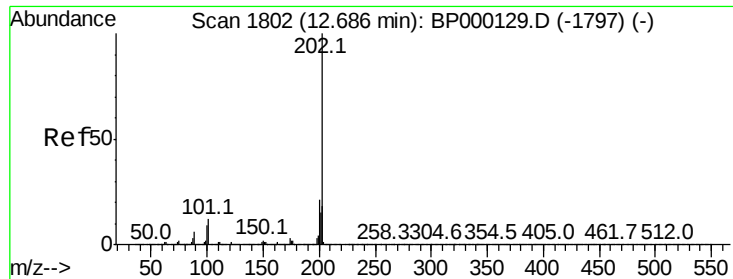
Abundance

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



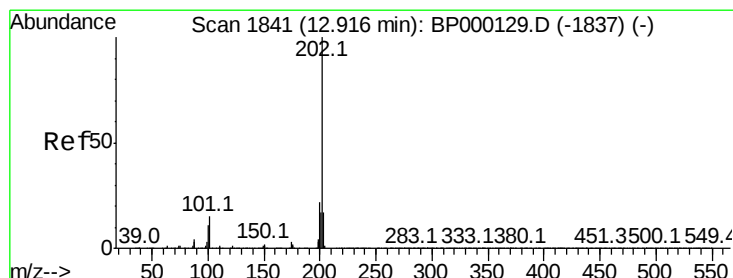
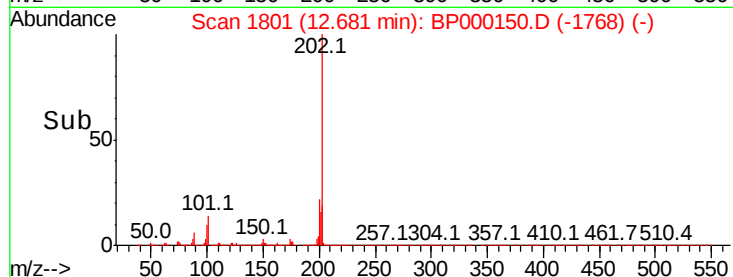
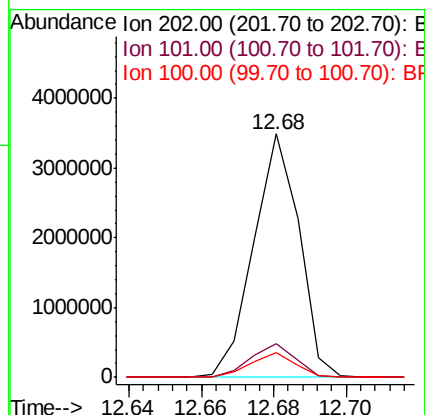
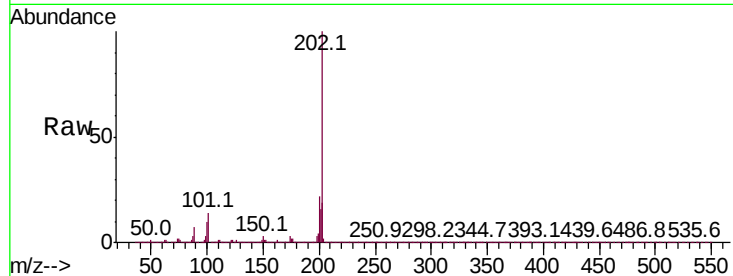


#77
 Fluoranthene
 Concen: 29.622 ng/ul
 RT: 12.68 min Scan# 1801
 Delta R.T. -0.01 min
 Lab File: BP000150.D
 Acq: 09 Sep 2019 22:29

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:202 Resp: 3039295

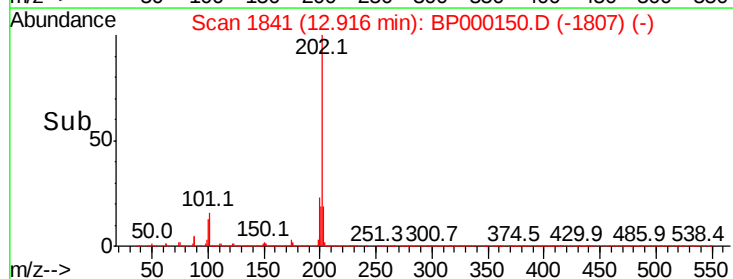
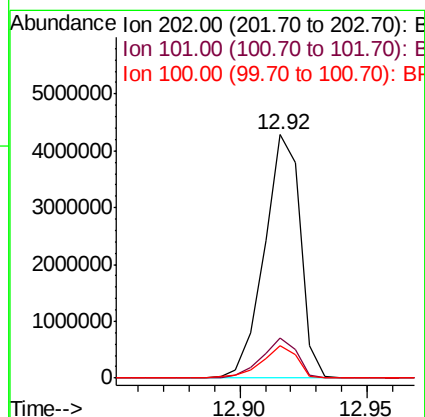
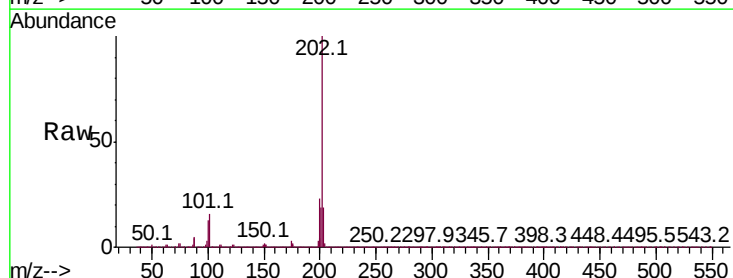
Ion	Ratio	Lower	Upper
202	100		
101	13.8	10.0	15.0
100	10.2	7.4	11.2

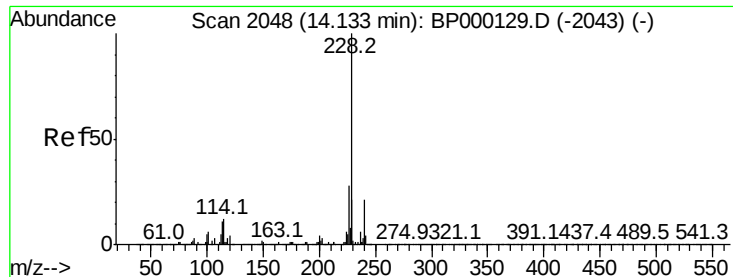


#80
 Pyrene
 Concen: 45.834 ng/ul
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BP000150.D
 Acq: 09 Sep 2019 22:29

Tgt Ion:202 Resp: 4258778

Ion	Ratio	Lower	Upper
202	100		
101	16.2	13.4	20.0
100	13.2	10.8	16.2

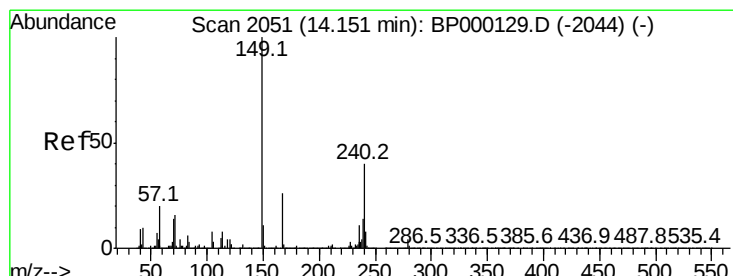
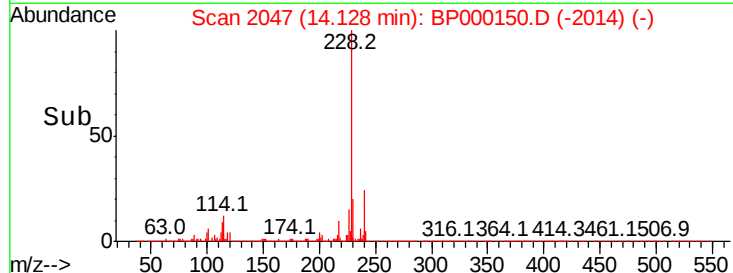
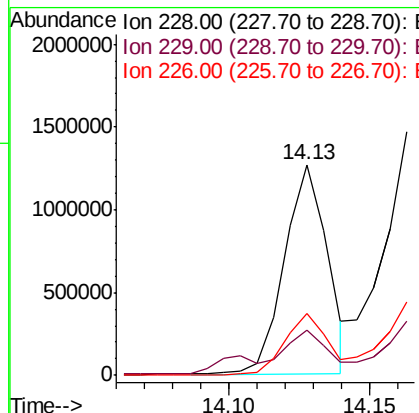
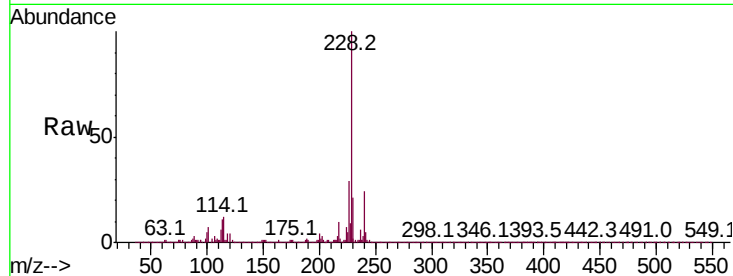




#83
Benzo(a)anthracene
Concen: 15.078 ng/ul
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BP000150.D
Acq: 09 Sep 2019 22:29

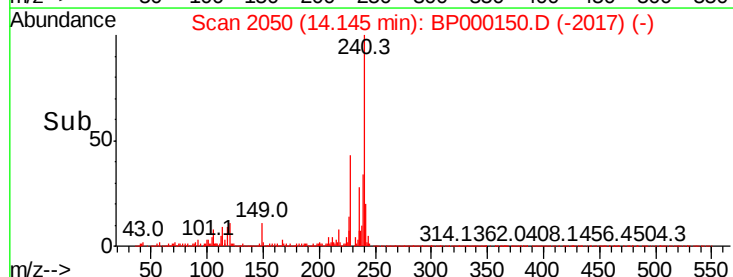
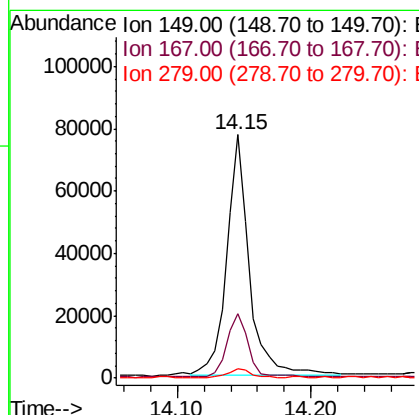
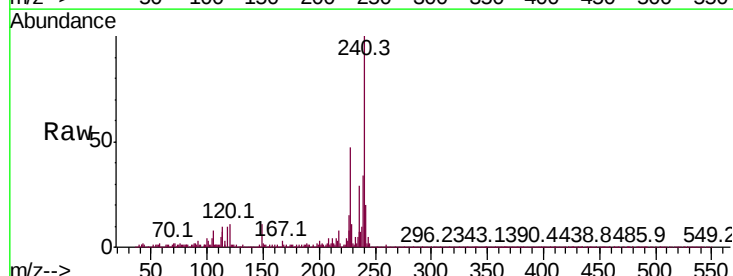
Instrument :
BNA_P
ClientSampleId :

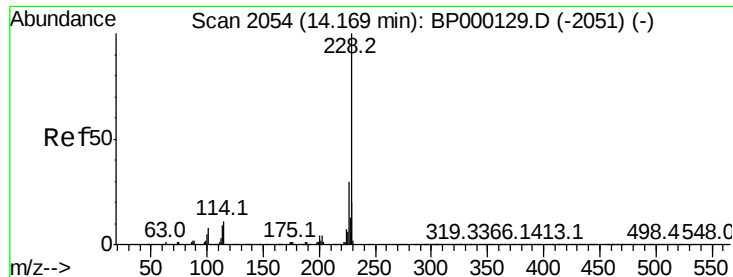
Tot Ion:228 Resp: 1344244
Ion Ratio Lower Upper
228 100
229 21.3 15.9 23.9
226 29.4 22.1 33.1



#84
Bis(2-ethylhexyl)phthalate
Concen: 1.800 ng/ul
RT: 14.15 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BP000150.D
Acq: 09 Sep 2019 22:29

Tgt Ion:149 Resp: 91138
Ion Ratio Lower Upper
149 100
167 26.3 21.8 32.8
279 4.1 3.0 4.4



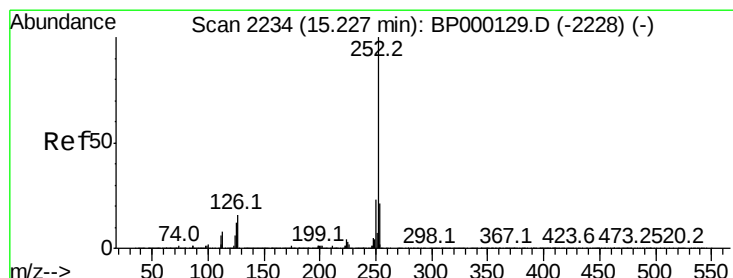
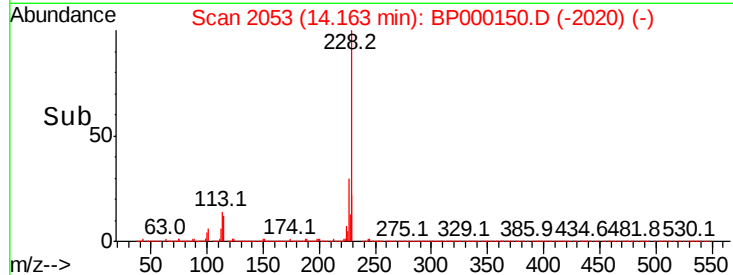
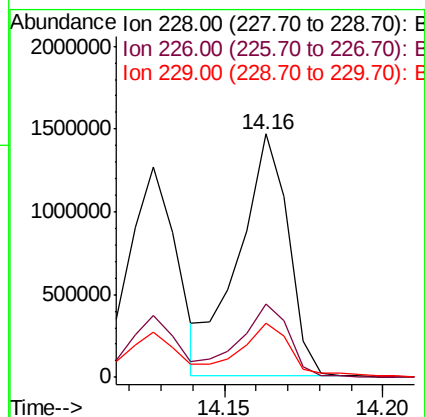
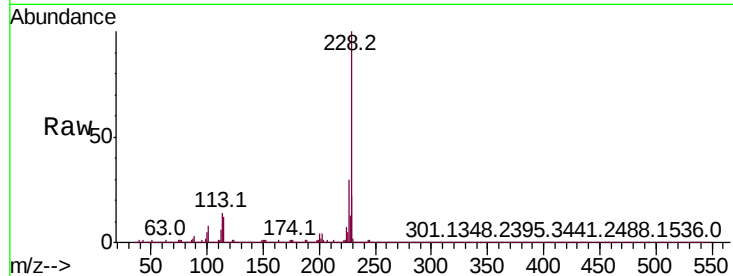


#85
 Chrysene
 Concen: 19.338 ng/ul
 RT: 14.16 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BP000150.D
 Acq: 09 Sep 2019 22:29

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:228 Resp: 1582020

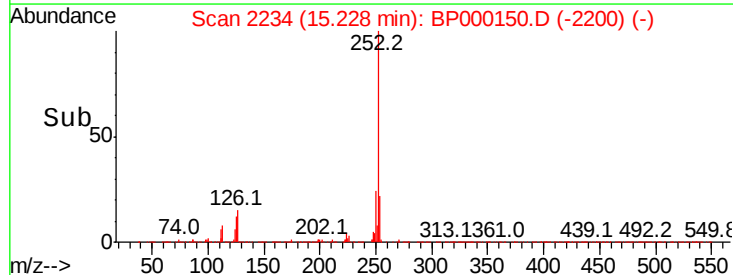
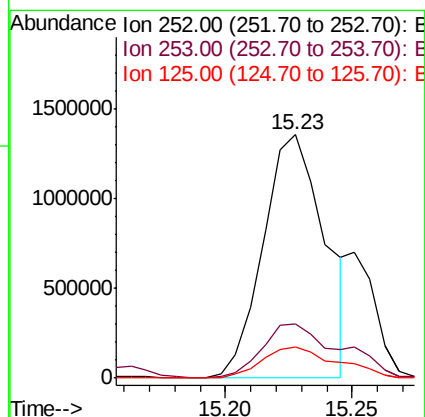
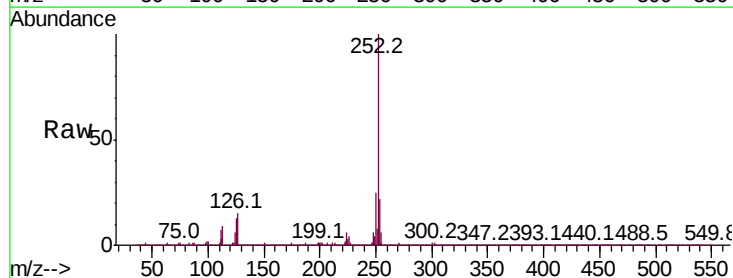
Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.4	36.6
229	22.4	16.0	24.0

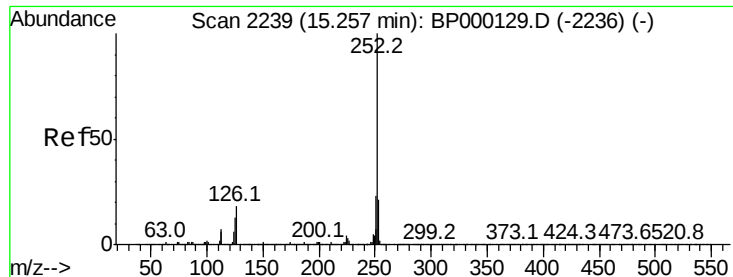


#88
 Benzo(b)fluoranthene
 Concen: 27.034 ng/ul
 RT: 15.23 min Scan# 2234
 Delta R.T. 0.00 min
 Lab File: BP000150.D
 Acq: 09 Sep 2019 22:29

Tgt Ion:252 Resp: 2288092

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	12.6	9.9	14.9

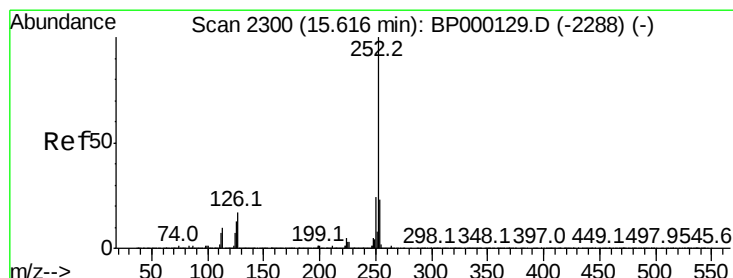
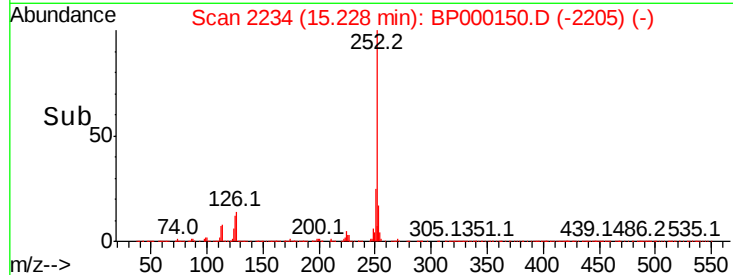
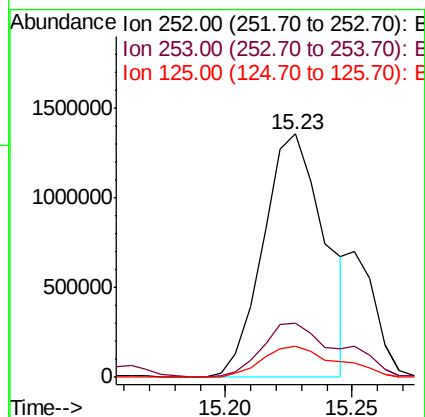
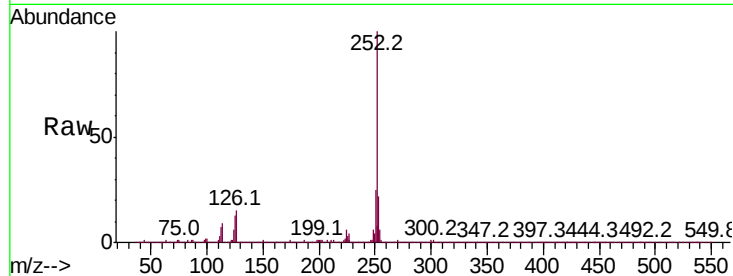




#89
Benzo(k)fluoranthene
Concen: 28.679 ng/ul
RT: 15.23 min Scan# 2234
Delta R.T. -0.03 min
Lab File: BP000150.D
Acq: 09 Sep 2019 22:29

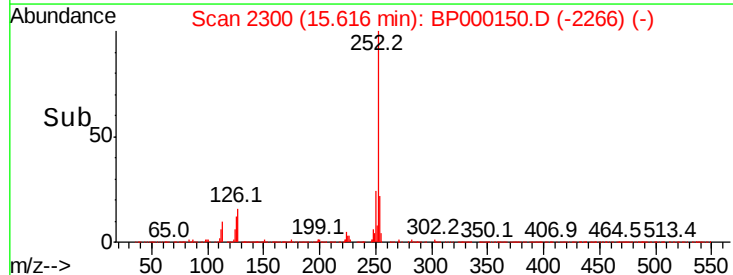
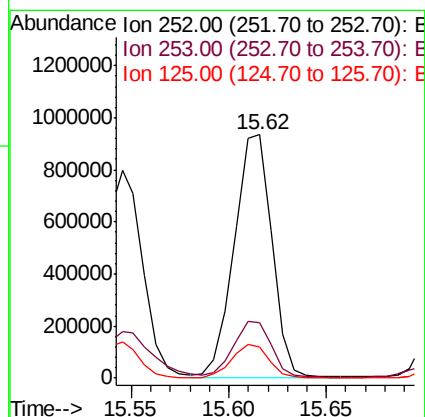
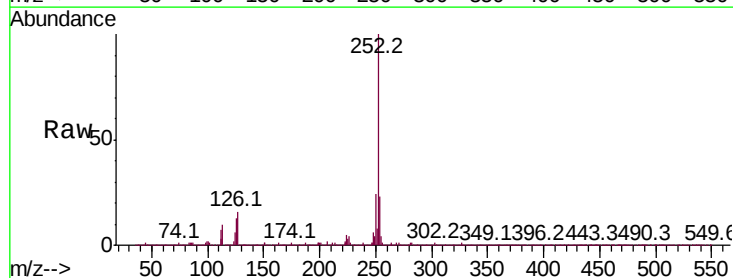
Instrument :
BNA_P
ClientSampleId :

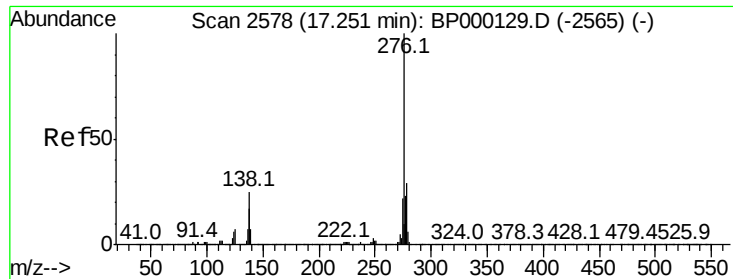
Tot Ion:252 Resp: 2288092
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 12.6 10.2 15.2



#91
Benzo(a)pyrene
Concen: 15.668 ng/ul
RT: 15.62 min Scan# 2300
Delta R.T. 0.00 min
Lab File: BP000150.D
Acq: 09 Sep 2019 22:29

Tgt Ion:252 Resp: 1244252
Ion Ratio Lower Upper
252 100
253 22.9 17.5 26.3
125 12.6 10.2 15.2



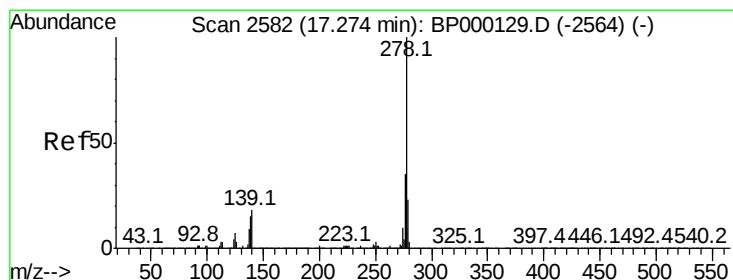
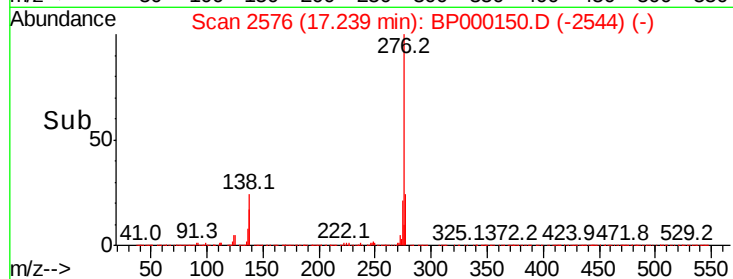
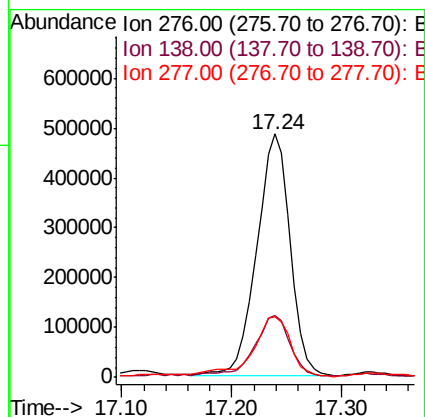
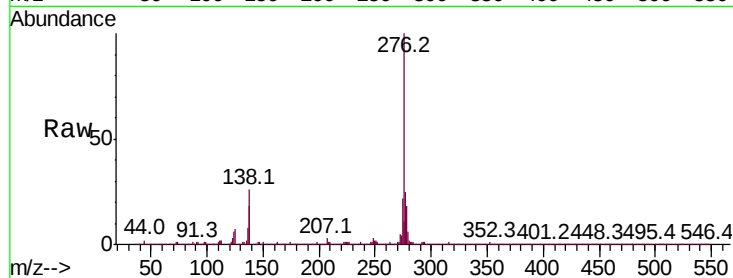


#92

Indeno(1,2,3-cd)pyrene
Concen: 11.167 ng/ul
RT: 17.24 min Scan# 2576
Delta R.T. -0.01 min
Lab File: BP000150.D
Acq: 09 Sep 2019 22:29

Instrument :
BNA_P
ClientSampleId :

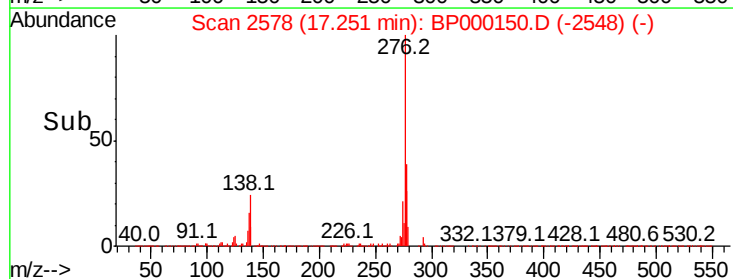
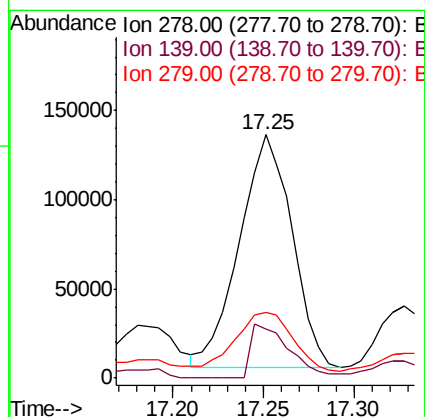
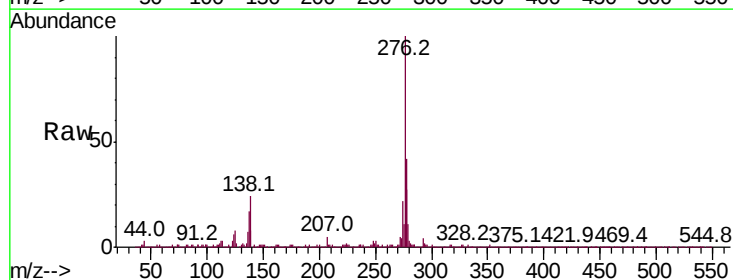
Tot Ion	Ratio	Lower	Upper
276	100		
138	25.6	20.0	30.0
277	24.8	19.4	29.0

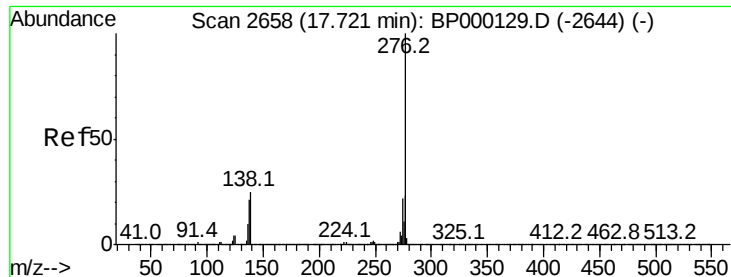


#93

Dibenzo(a,h)anthracene
Concen: 3.475 ng/ul
RT: 17.25 min Scan# 2578
Delta R.T. -0.02 min
Lab File: BP000150.D
Acq: 09 Sep 2019 22:29

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.2	15.1	22.7
279	27.1	19.2	28.8





#94

Benzo(a,h,i)perylene

Concen: 13.263 ng/ul

RT: 17.71 min Scan# 2656

Delta R.T. -0.01 min

Lab File: BP000150.D

Acq: 09 Sep 2019 22:29

Instrument :

BNA_P

ClientSampleId :

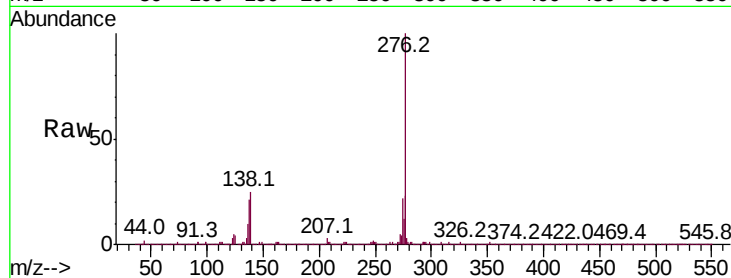
Tot Ion:276 Resp: 1010272

Ion Ratio Lower Upper

276 100

138 24.6 20.0 30.0

277 23.3 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

