

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP102219\
 Data File : BP000948.D
 Acq On : 22 Oct 2019 17:36
 Operator : JU
 Sample : K5235-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BEPB2

Quant Time: Oct 23 06:01:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 23 05:34:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	133892	20.00	ng/ul	0.00
18) Naphthalene-d8	8.02	136	509082	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.79	164	292461	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.28	188	534767	20.00	ng/ul	0.00
78) Chrysene-d12	13.96	240	458935	20.00	ng/ul	0.00
86) Perylene-d12	15.43	264	500652	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.35	96	8473	2.63	ng/uL	0.01
5) Phenol-d5	6.38	99	134599	13.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.42	67	81527	15.79	ng/ul	0.00
9) 2-Chlorophenol-d4	6.51	132	138337	15.90	ng/ul	0.00
13) 4-Methylphenol-d8	7.13	113	85468	10.83	ng/ul	0.00
19) Nitrobenzene-d5	7.30	128	66539	17.19	ng/ul	0.00
22) 2-Nitrophenol-d4	7.62	143	72975	17.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	7.87	165	122453	15.53	ng/ul	0.00
29) 4-Chloroaniline-d4	8.09	131	38808	4.42	ng/ul	0.00
44) Dimethylphthalate-d6	9.47	166	376761	18.40	ng/ul	0.00
47) Acenaphthylene-d8	9.63	160	443855	17.62	ng/ul	0.00
52) 4-Nitrophenol-d4	9.92	143	22359	7.09	ng/ul	0.00
58) Fluorene-d10	10.30	176	318674	18.19	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.39	200	25116	9.86	ng/ul	0.00
71) Anthracene-d10	11.34	188	440728	17.79	ng/ul	0.00
79) Pyrene-d10	12.72	212	505230	19.47	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.35	264	476848	19.29	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	6.39	94	22528	2.164	ng/ul	94
45) Dimethylphthalate	9.50	163	117916	5.780	ng/ul	100
59) Fluorene	10.33	166	22819	1.173	ng/ul	98
60) 4-Chlorophenyl-phenylether	10.33	204	14248	1.430	ng/ul	94
66) 4-Bromophenyl-phenylether	10.82	248	12123	1.959	ng/ul	95
67) Hexachlorobenzene	10.90	284	21124	3.222	ng/ul#	90
70) Phenanthrene	11.30	178	71312	2.447	ng/ul	99
72) Anthracene	11.36	178	72859	2.463	ng/ul	99
76) Di-n-butylphthalate	11.85	149	46723	1.543	ng/ul	99
77) Fluoranthene	12.51	202	123838	4.147	ng/ul	96
80) Pyrene	12.74	202	126163	3.875	ng/ul	99
81) Butylbenzylphthalate	13.37	149	26171	1.967	ng/ul	99
83) Benzo(a)anthracene	13.95	228	108846	3.534	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	13.95	149	51139	2.891	ng/ul#	99
85) Chrysene	13.99	228	113108	3.951	ng/ul	99
87) Di-n-octyl phthalate	14.56	149	80414	2.802	ng/ul	100
88) Benzo(b)fluoranthene	15.00	252	116322	3.894	ng/ul	98
89) Benzo(k)fluoranthene	15.03	252	97731	3.436	ng/ul	98
91) Benzo(a)pyrene	15.37	252	99456	3.517	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	16.90	276	106566	3.287	ng/ul	96
93) Dibenzo(a,h)anthracene	16.91	278	86760	3.265	ng/ul	97
94) Benzo(a,h,i)perylene	17.34	276	91294	3.382	ng/ul	97

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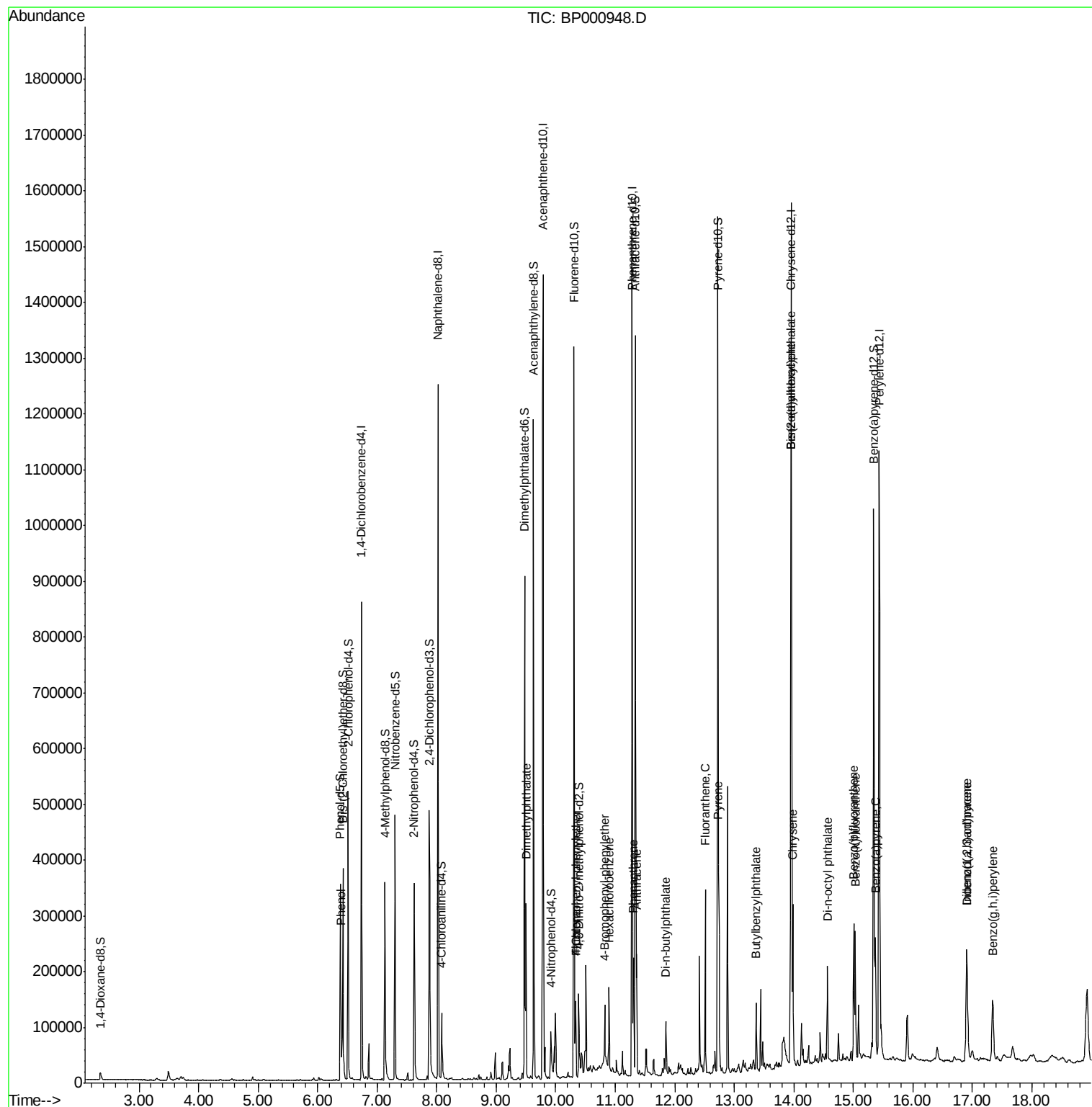
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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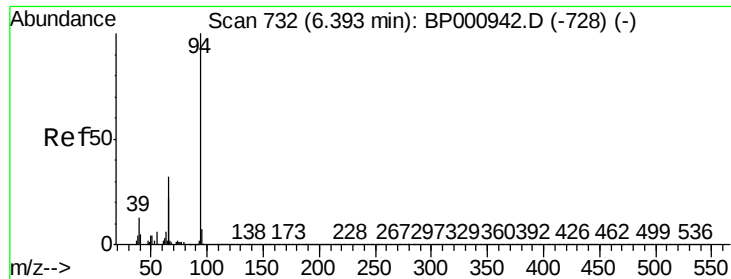
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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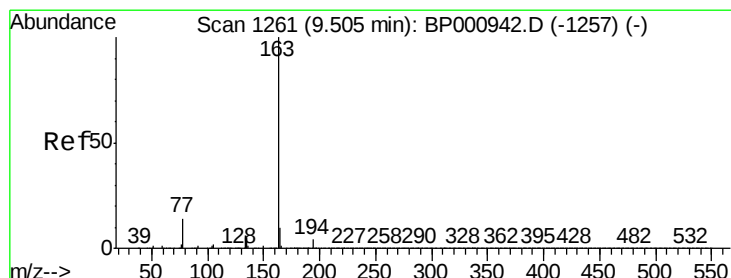
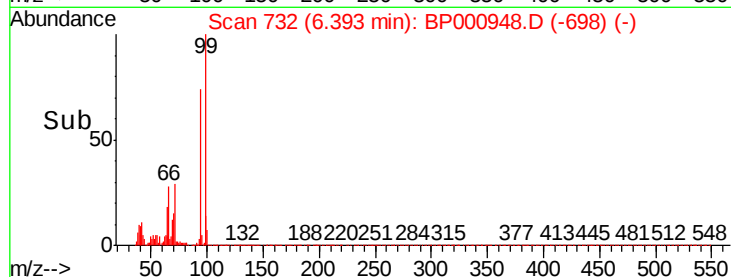
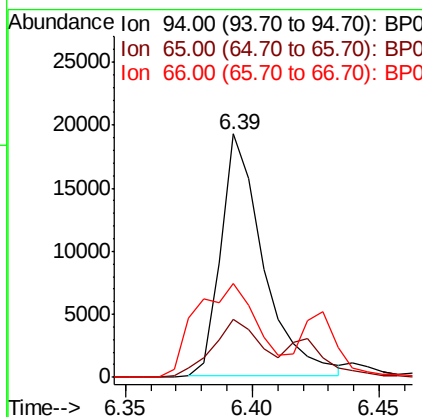
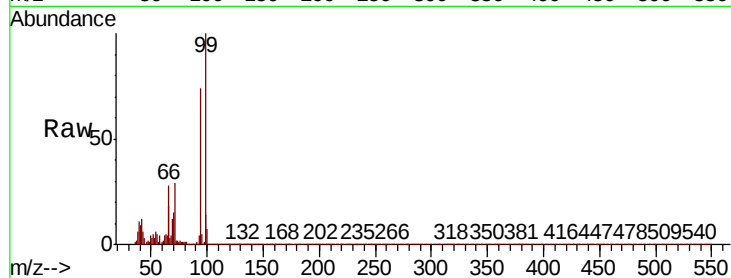
#6

Phenol

Concen: 2.164 ng/ul
 RT: 6.39 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BP000948.D
 Acq: 22 Oct 2019 17:36

Instrument :
 BNA_P
 ClientSampleId :
 BEPB2

Tot Ion	94	Resp	22528
Ion Ratio	100	Lower	Upper
94	100		
65	24.0	19.2	28.8
66	38.4	25.7	38.5

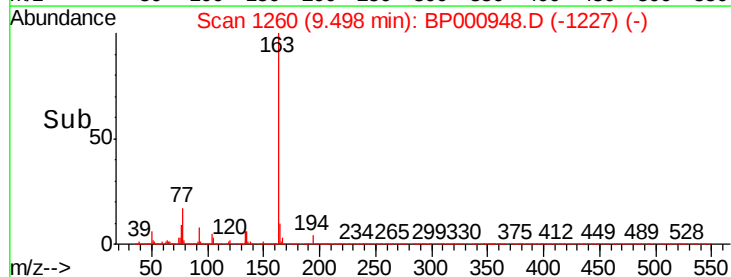
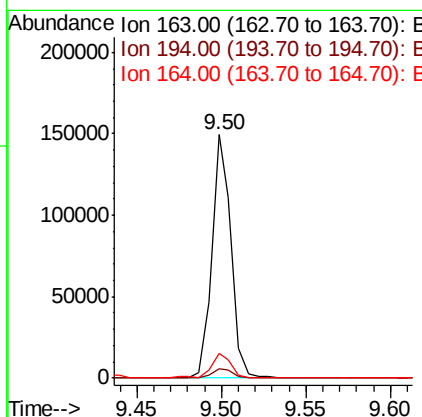
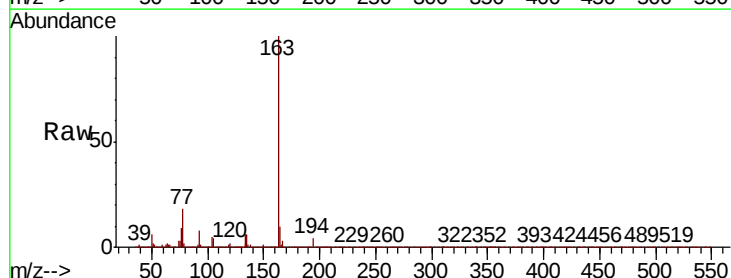


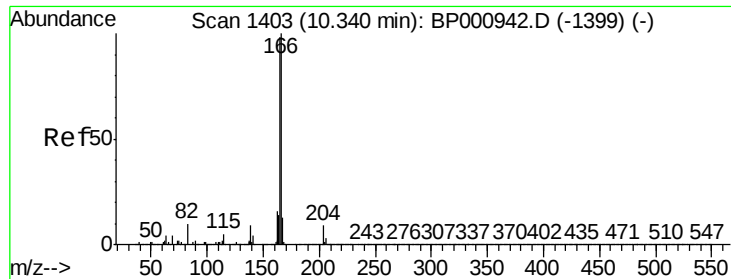
#45

Dimethylphthalate

Concen: 5.780 ng/ul
 RT: 9.50 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BP000948.D
 Acq: 22 Oct 2019 17:36

Tgt Ion	163	Resp	117916
Ion Ratio	100	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.3	8.1	12.1





#59

Fluorene

Concen: 1.173 ng/ul

RT: 10.33 min Scan# 1402

Delta R.T. -0.01 min

Lab File: BP000948.D

Acq: 22 Oct 2019 17:36

Instrument :

BNA_P

ClientSampleId :

BEPB2

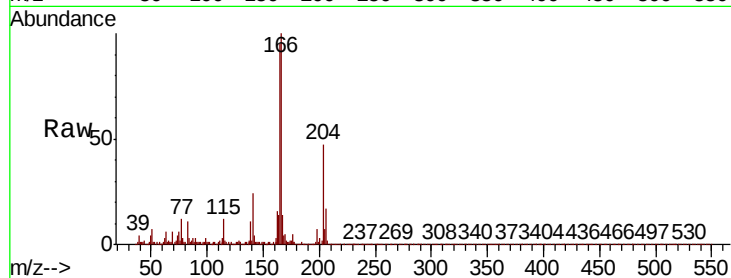
Tot Ion:166 Resp: 22819

Ion Ratio Lower Upper

166 100

165 94.9 77.4 116.0

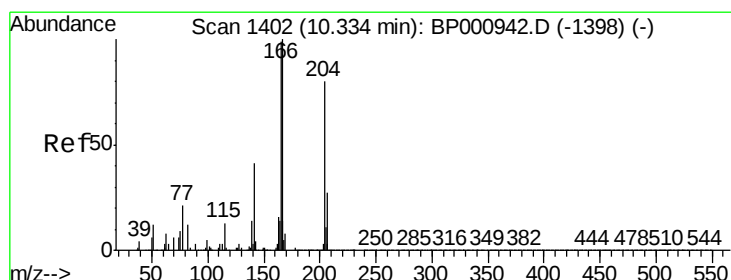
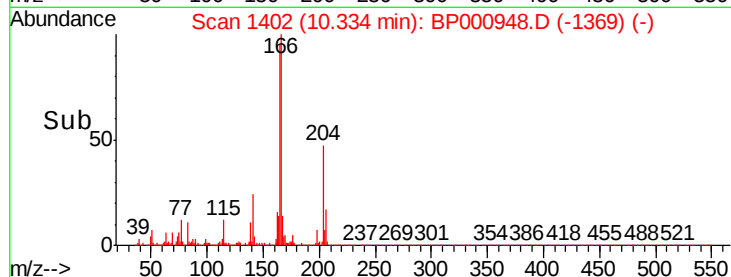
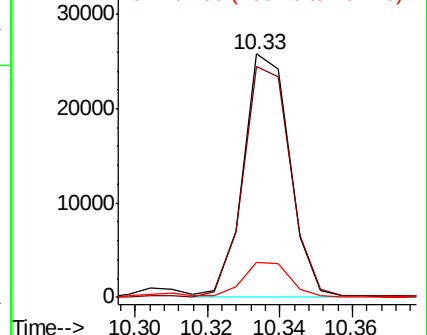
167 14.5 10.8 16.2



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



#60

4-Chlorophenyl-phenylether

Concen: 1.430 ng/ul

RT: 10.33 min Scan# 1401

Delta R.T. -0.01 min

Lab File: BP000948.D

Acq: 22 Oct 2019 17:36

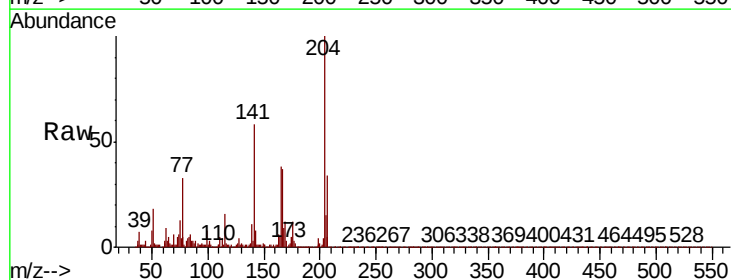
Tgt Ion:204 Resp: 14248

Ion Ratio Lower Upper

204 100

206 34.1 26.2 39.2

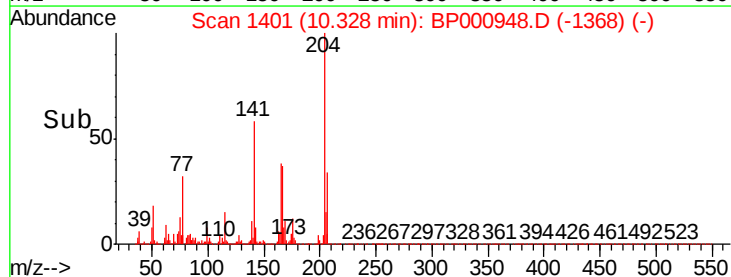
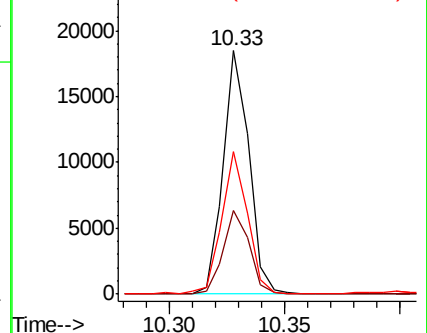
141 58.5 42.2 63.4

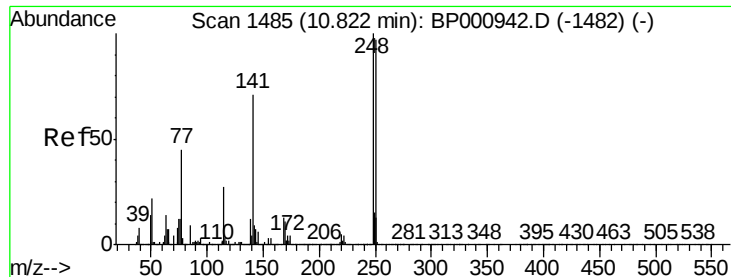


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

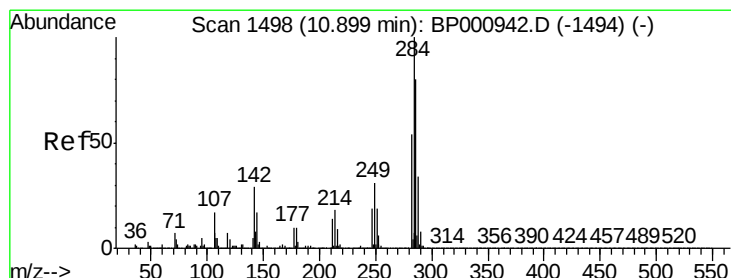
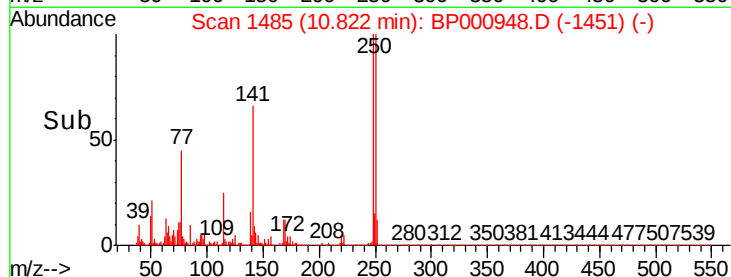
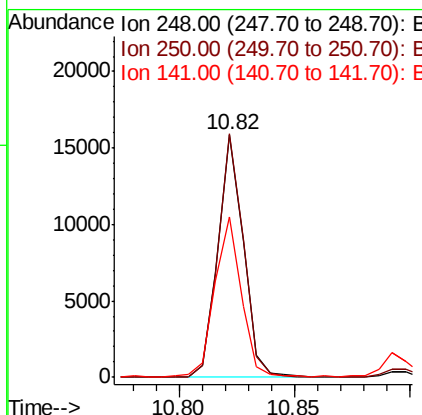
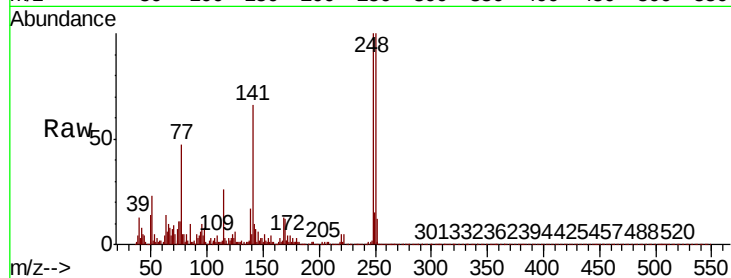




#66
4-Bromophenyl-phenylether
Concen: 1.959 ng/ul
RT: 10.82 min Scan# 1485
Delta R.T. -0.00 min
Lab File: BP000948.D
Acq: 22 Oct 2019 17:36

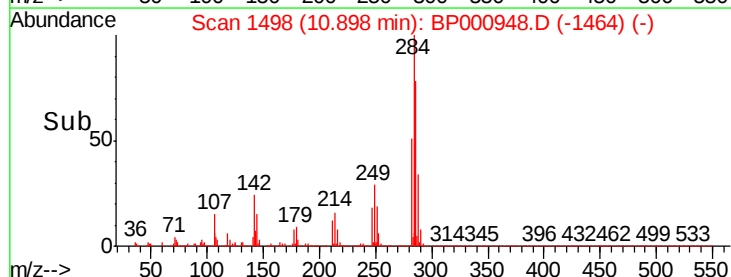
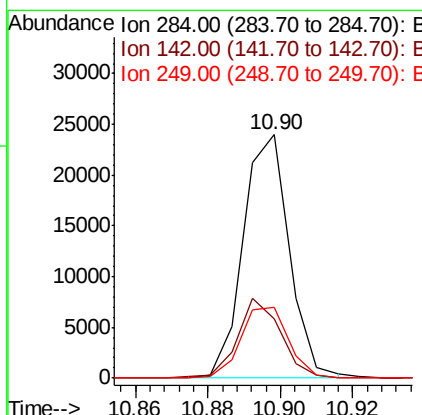
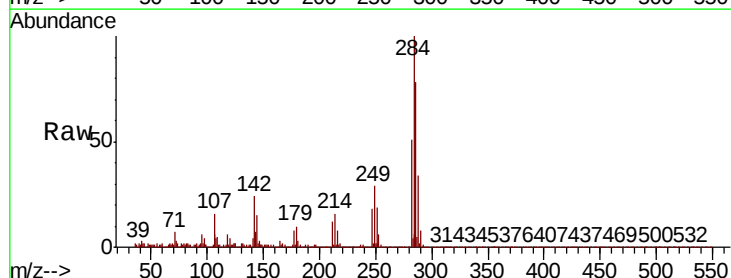
Instrument :
BNA_P
ClientSampleId :
BEPB2

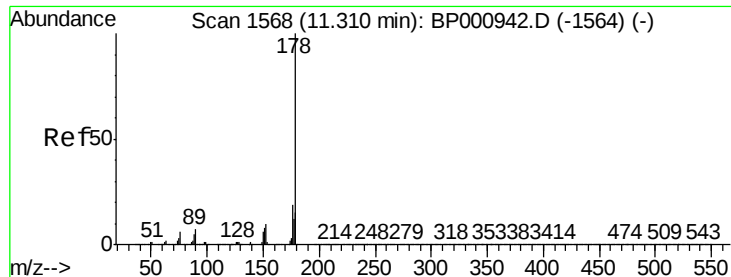
Tot Ion	Ratio	Lower	Upper
248	100		
250	100.4	76.7	115.1
141	66.0	49.7	74.5



#67
Hexachlorobenzene
Concen: 3.222 ng/ul
RT: 10.90 min Scan# 1498
Delta R.T. -0.00 min
Lab File: BP000948.D
Acq: 22 Oct 2019 17:36

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.3	26.4	39.6#
249	28.9	25.0	37.6





#70

Phenanthrene

Concen: 2.447 ng/ul

RT: 11.30 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BP000948.D

Acq: 22 Oct 2019 17:36

Instrument :

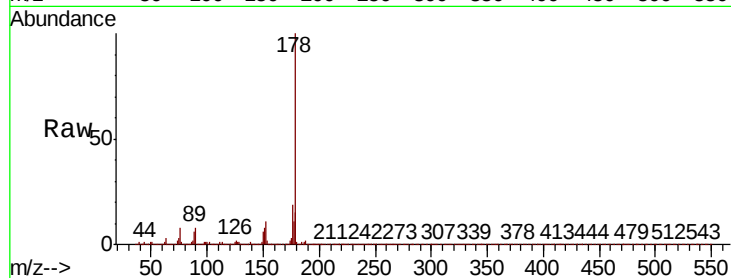
BNA_P

ClientSampleId :

BEPB2

Tot Ion:178 Resp: 71312

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.5	18.7
176	18.9	15.4	23.2

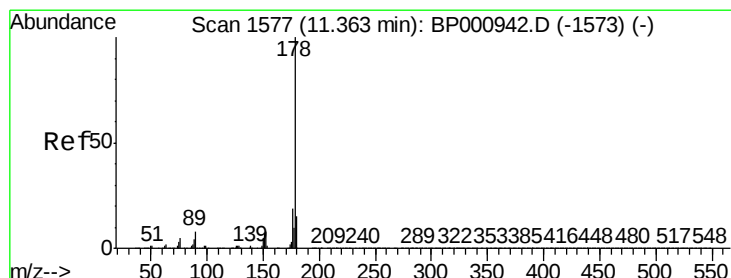
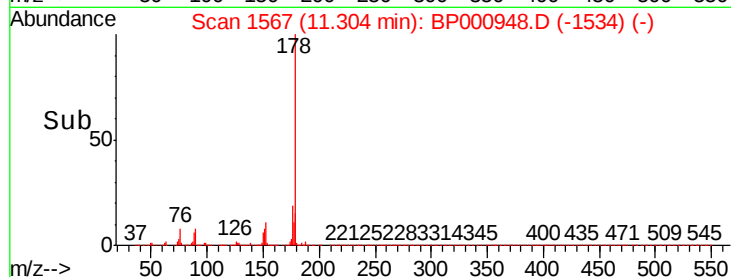
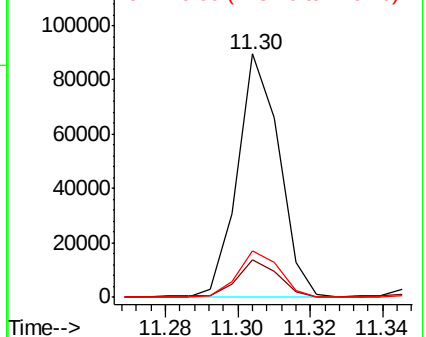


Abundance

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: 2.463 ng/ul

RT: 11.36 min Scan# 1576

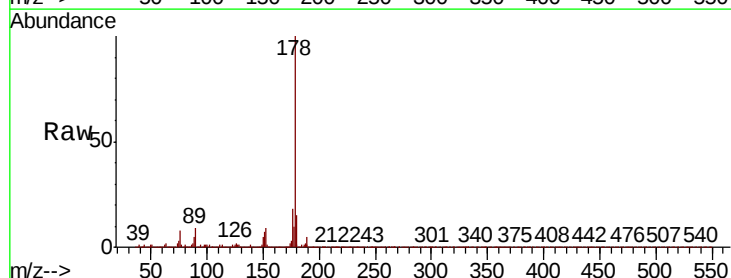
Delta R.T. -0.01 min

Lab File: BP000948.D

Acq: 22 Oct 2019 17:36

Tgt Ion:178 Resp: 72859

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.4	18.6
176	18.0	15.1	22.7

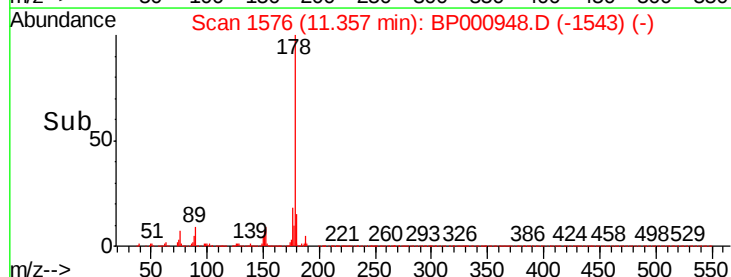
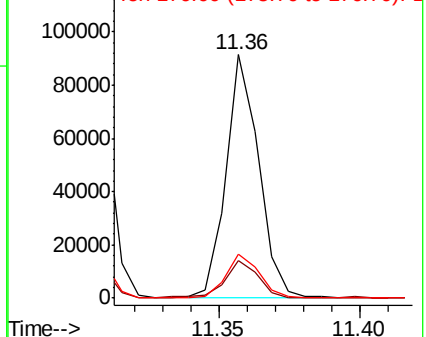


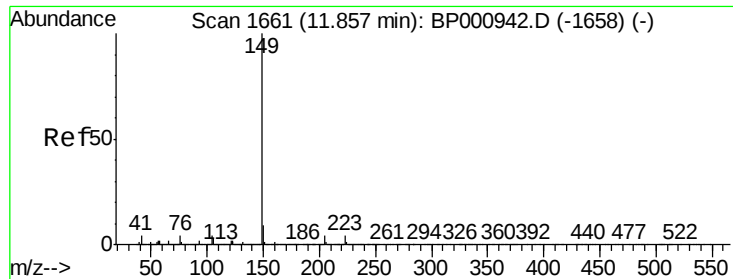
Abundance

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

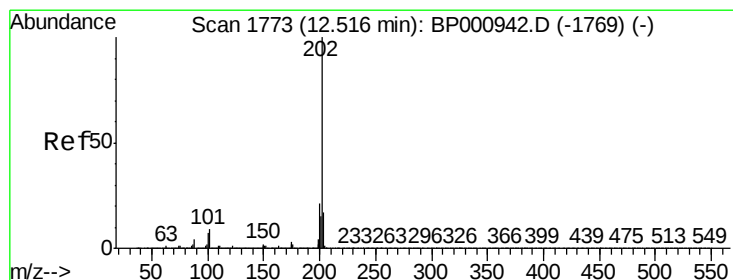
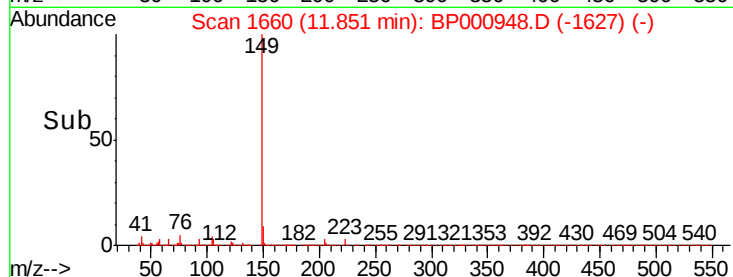
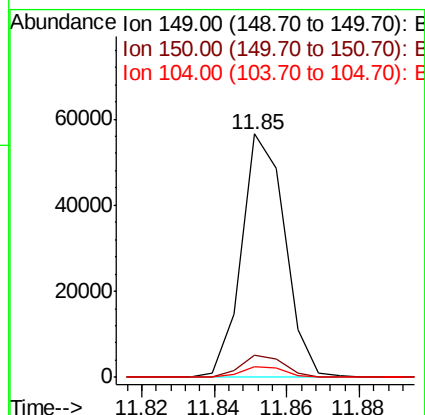
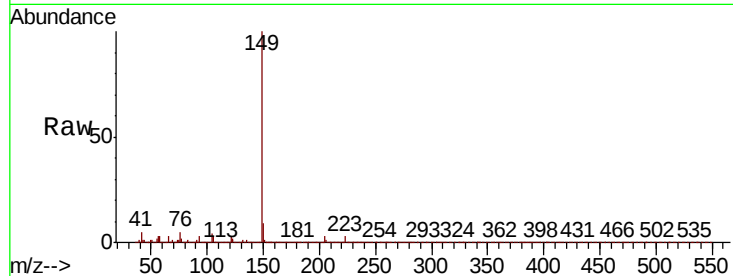




#76
Di-n-butylphthalate
Concen: 1.543 ng/ul
RT: 11.85 min Scan# 1660
Delta R.T. -0.01 min
Lab File: BP000948.D
Acq: 22 Oct 2019 17:36

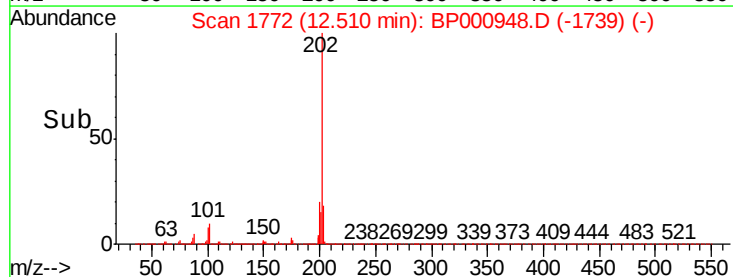
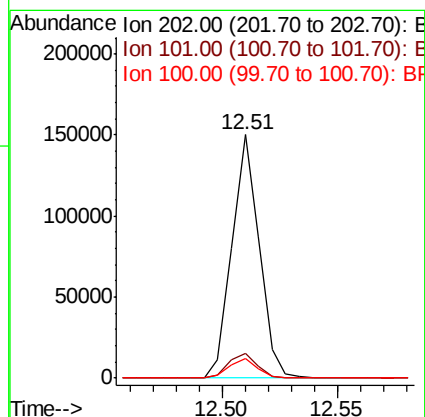
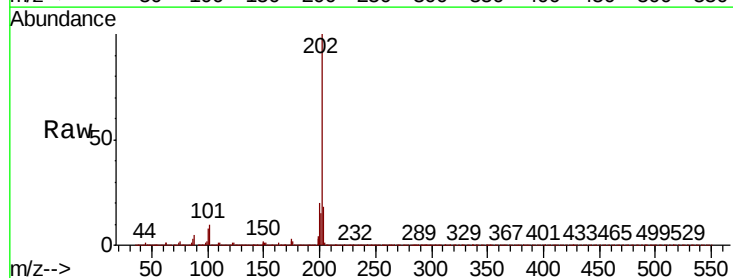
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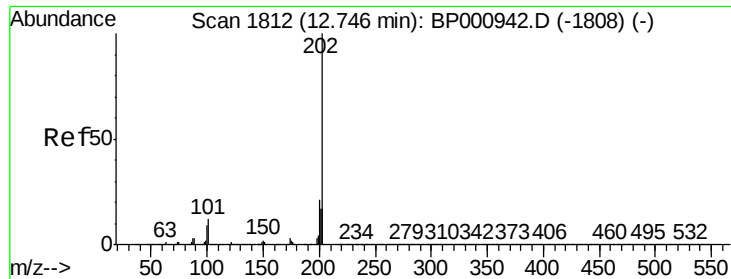
Tot Ion:149 Resp: 46723
Ion Ratio Lower Upper
149 100
150 8.9 7.6 11.4
104 4.5 3.7 5.5



#77
Fluoranthene
Concen: 4.147 ng/ul
RT: 12.51 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BP000948.D
Acq: 22 Oct 2019 17:36

Tgt Ion:202 Resp: 123838
Ion Ratio Lower Upper
202 100
101 10.4 9.8 14.6
100 8.2 7.2 10.8

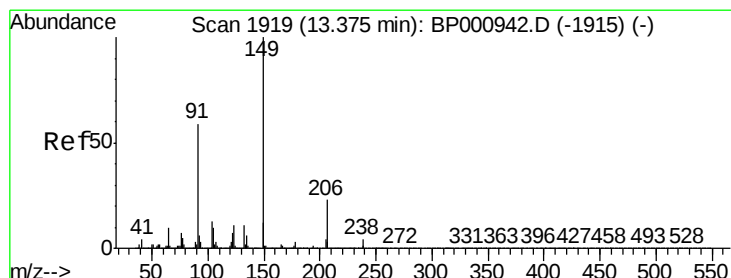
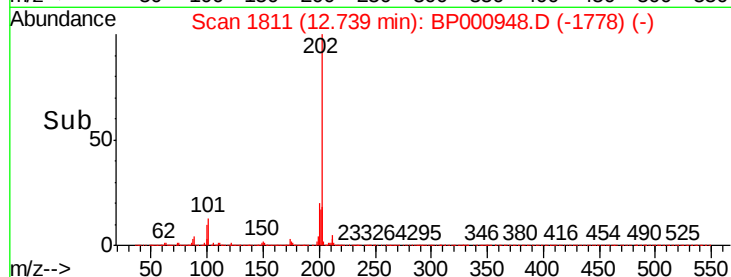
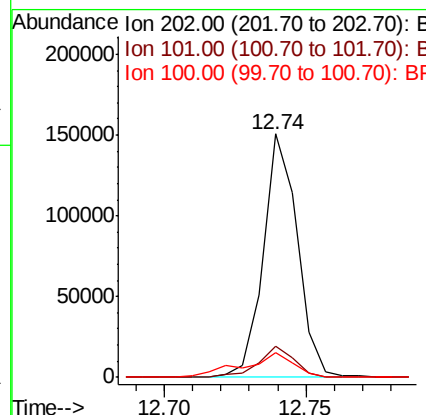
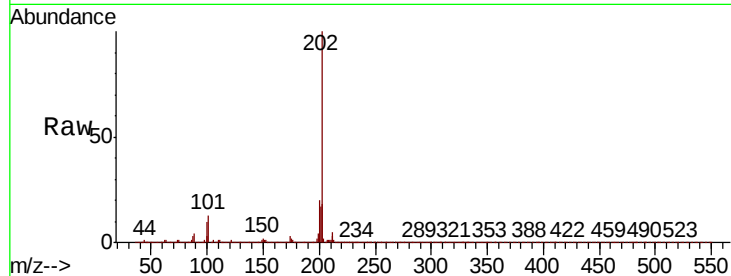




#80
Pvrene
Concen: 3.875 ng/ul
RT: 12.74 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BP000948.D
Acq: 22 Oct 2019 17:36

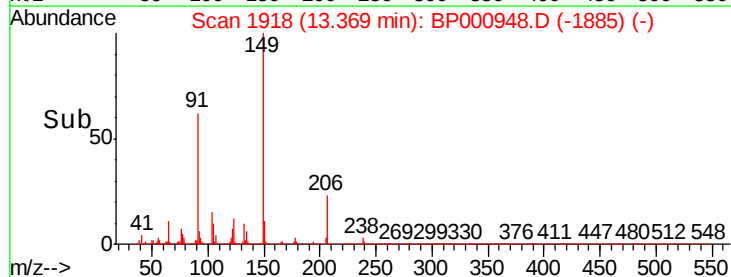
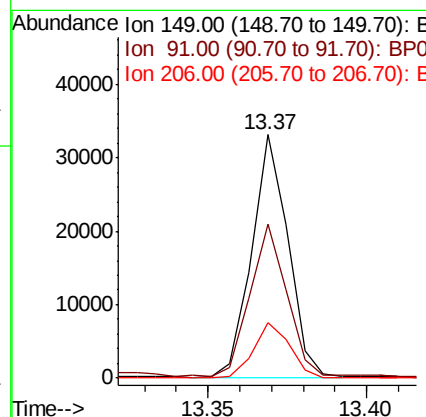
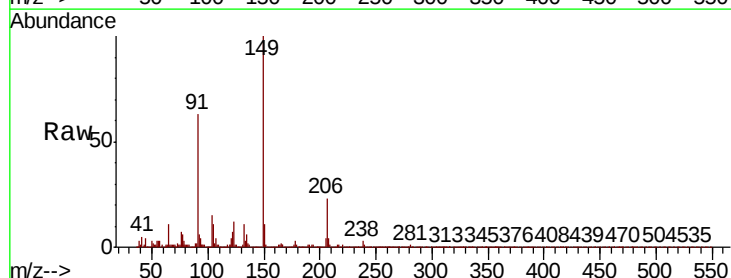
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BNA_P
ClientSampleId :
BEPB2

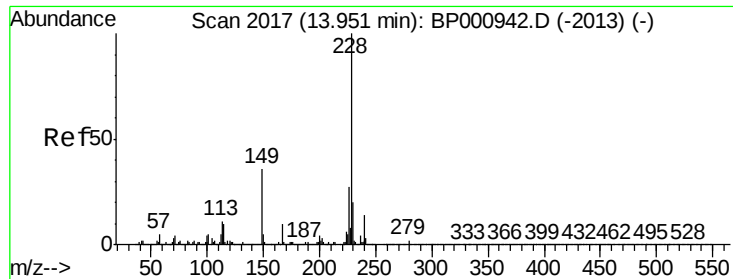
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.6	9.7	14.5
100	10.3	7.8	11.8



#81
Butylbenzylphthalate
Concen: 1.967 ng/ul
RT: 13.37 min Scan# 1918
Delta R.T. -0.01 min
Lab File: BP000948.D
Acq: 22 Oct 2019 17:36

Tgt Ion	Ratio	Lower	Upper
149	100		
91	63.1	50.6	75.8
206	23.0	17.8	26.6

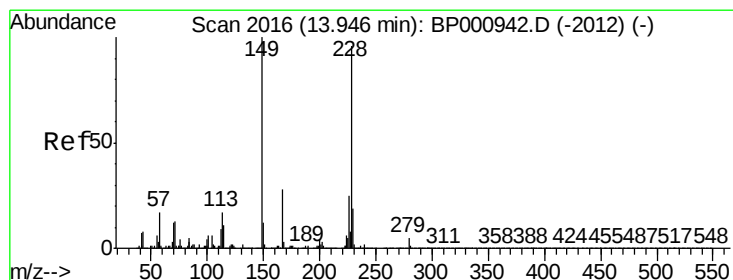
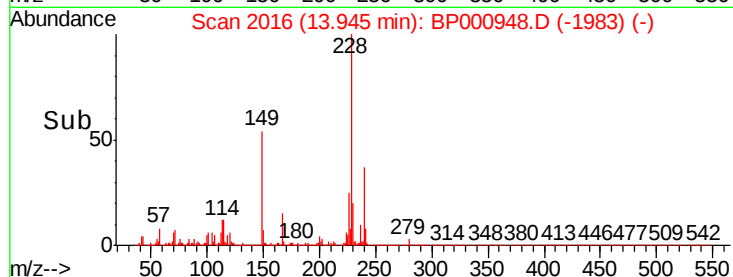
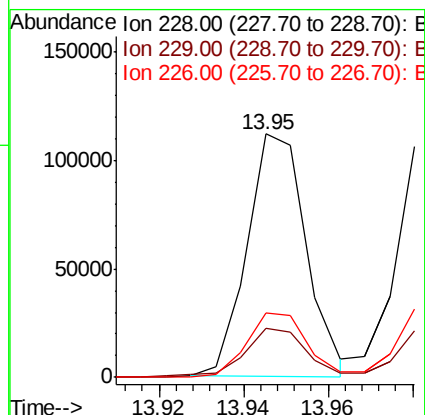
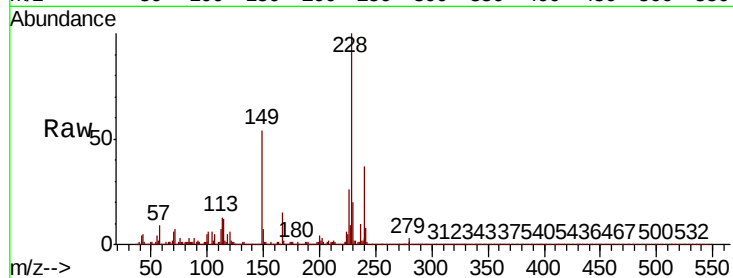




#83
Benzo(a)anthracene
Concen: 3.534 ng/ul
RT: 13.95 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BP000948.D
Acq: 22 Oct 2019 17:36

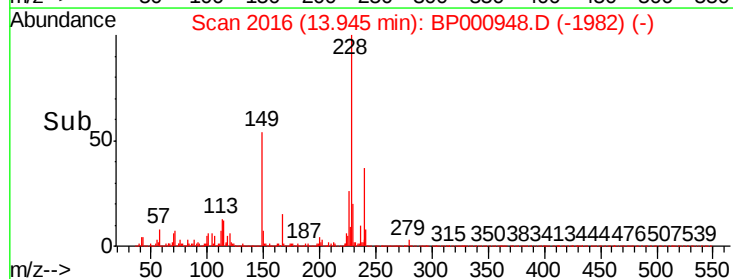
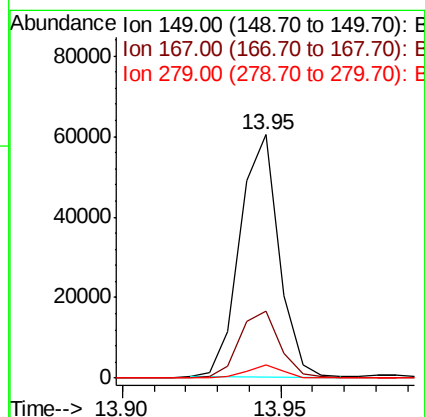
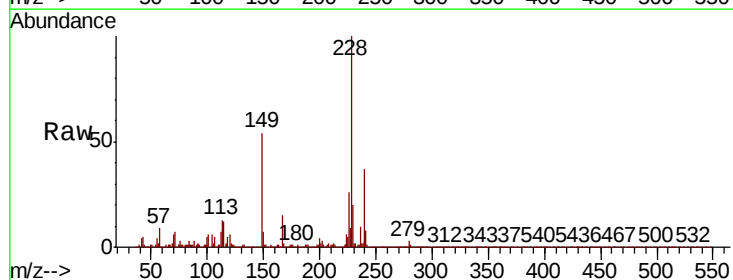
Instrument :
BNA_P
ClientSampled :
BEPB2

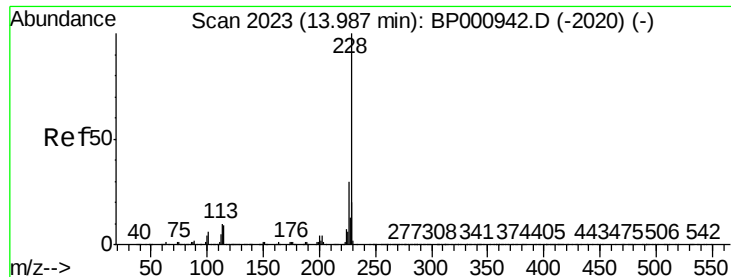
Tot Ion:228 Resp: 108846
Ion Ratio Lower Upper
228 100
229 20.4 15.6 23.4
226 26.4 21.8 32.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.891 ng/ul
RT: 13.95 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BP000948.D
Acq: 22 Oct 2019 17:36

Tgt Ion:149 Resp: 51139
Ion Ratio Lower Upper
149 100
167 27.8 22.3 33.5
279 5.7 3.2 4.8#





#85

Chrysene

Concen: 3.951 ng/ul

RT: 13.99 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BP000948.D

Acq: 22 Oct 2019 17:36

Instrument :

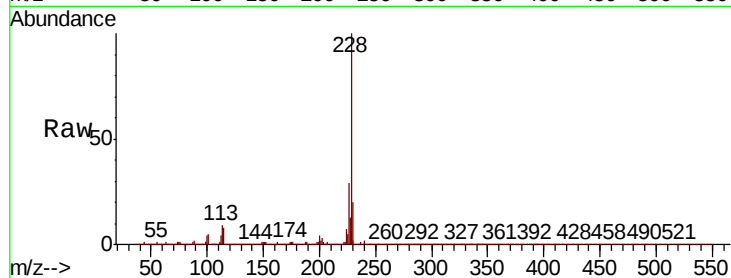
BNA_P

ClientSampleId :

BEPB2

Tot Ion:228 Resp: 113108

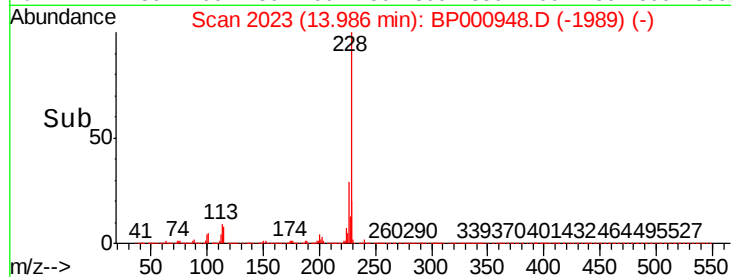
Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.2	36.4
229	19.9	15.8	23.6



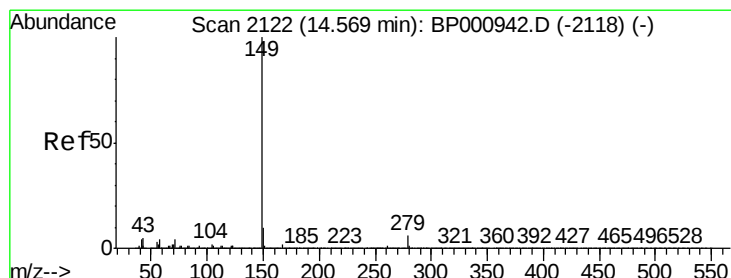
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#87

Di-n-octyl phthalate

Concen: 2.802 ng/ul

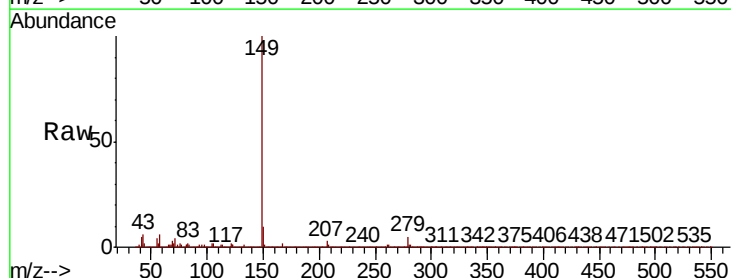
RT: 14.56 min Scan# 2121

Delta R.T. -0.01 min

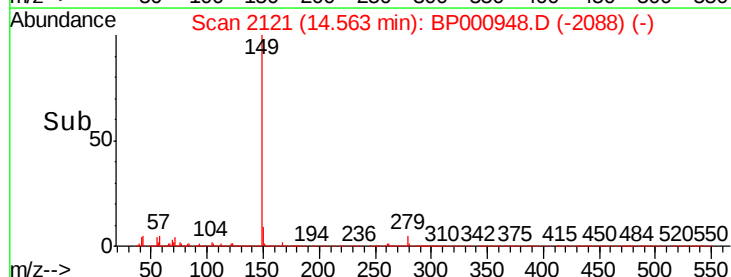
Lab File: BP000948.D

Acq: 22 Oct 2019 17:36

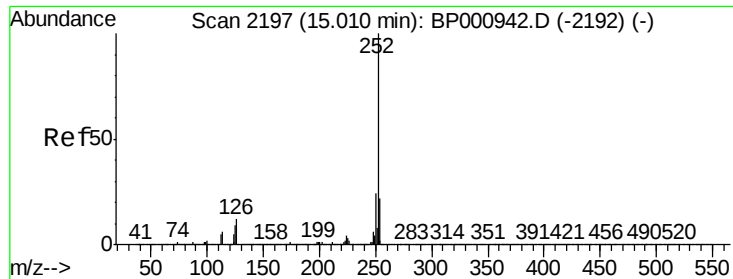
Tgt Ion:149 Resp: 80414



Abundance Ion 149.00 (148.70 to 149.70): E



Time-->



#88

Benzo(b)fluoranthene

Concen: 3.894 ng/ul

RT: 15.00 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BP000948.D

Acq: 22 Oct 2019 17:36

Instrument :

BNA_P

ClientSampleId :

BEPB2

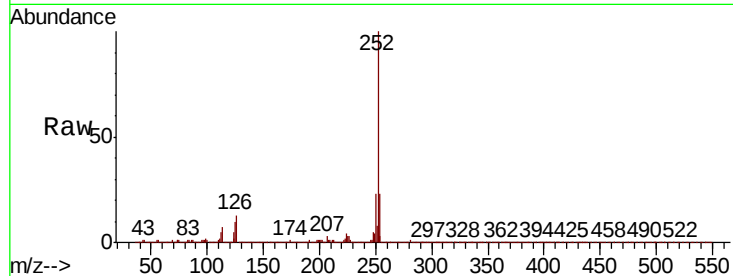
Tot Ion:252 Resp: 116322

Ion Ratio Lower Upper

252 100

253 22.7 17.6 26.4

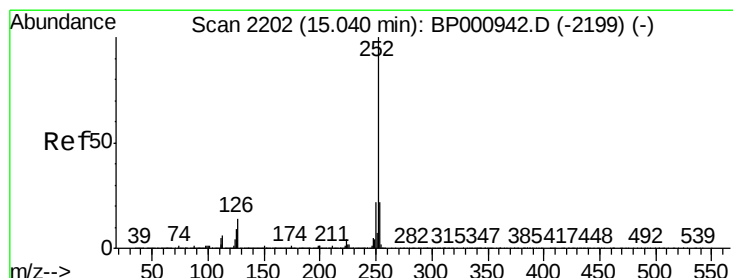
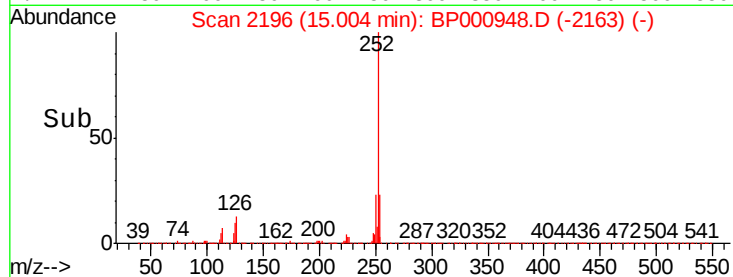
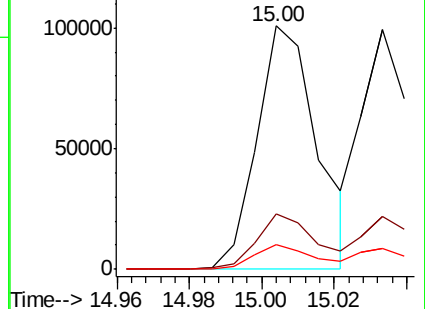
125 9.9 8.7 13.1



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: 3.436 ng/ul

RT: 15.03 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BP000948.D

Acq: 22 Oct 2019 17:36

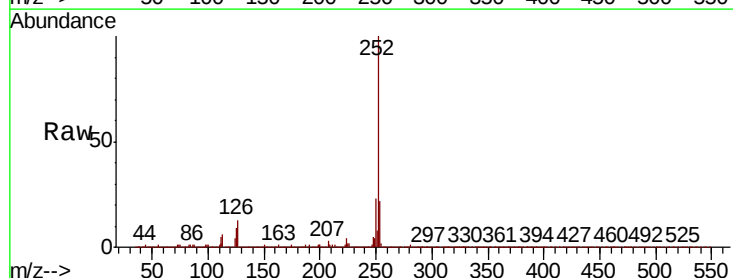
Tgt Ion:252 Resp: 97731

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

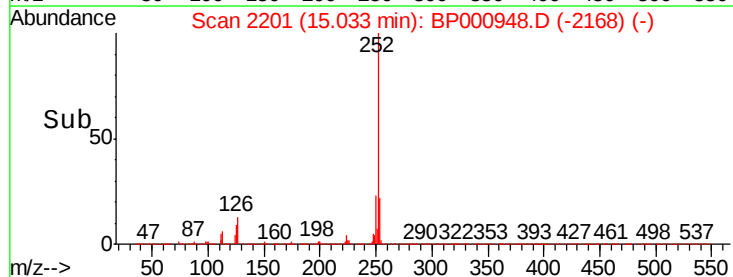
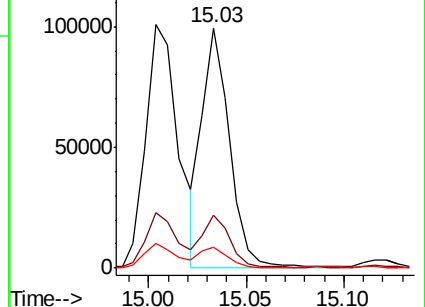
125 8.8 8.2 12.4

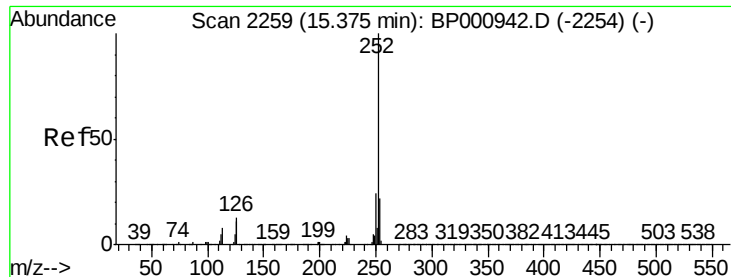


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 3.517 ng/ul

RT: 15.37 min Scan# 2258

Delta R.T. -0.01 min

Lab File: BP000948.D

Acq: 22 Oct 2019 17:36

Instrument :

BNA_P

ClientSampled :

BEPB2

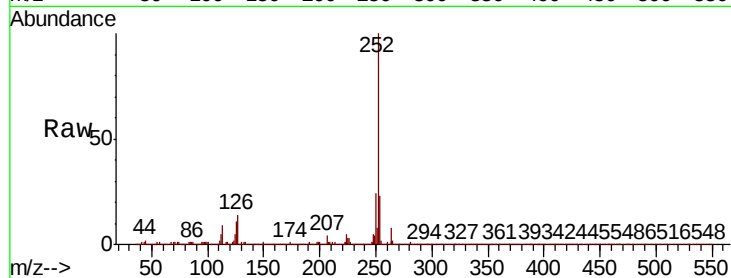
Tot Ion:252 Resp: 99456

Ion Ratio Lower Upper

252 100

253 23.1 17.6 26.4

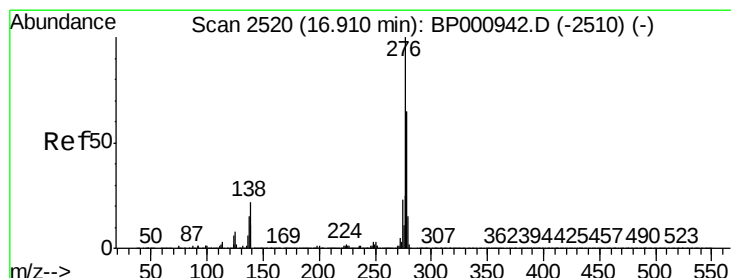
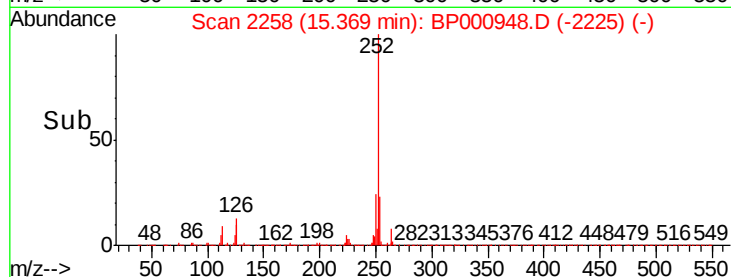
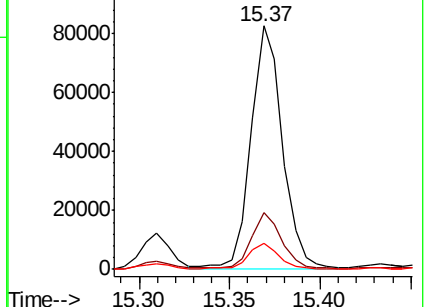
125 10.8 9.7 14.5



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: 3.287 ng/ul

RT: 16.90 min Scan# 2519

Delta R.T. -0.01 min

Lab File: BP000948.D

Acq: 22 Oct 2019 17:36

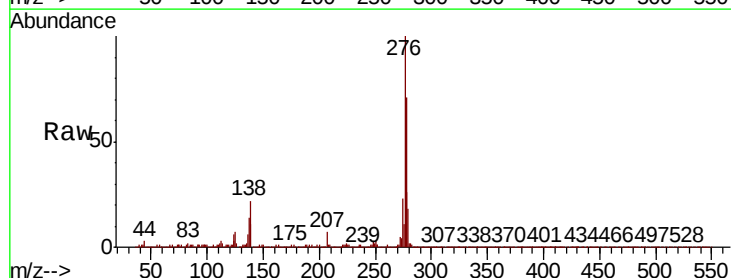
Tgt Ion:276 Resp: 106566

Ion Ratio Lower Upper

276 100

138 22.0 20.0 30.0

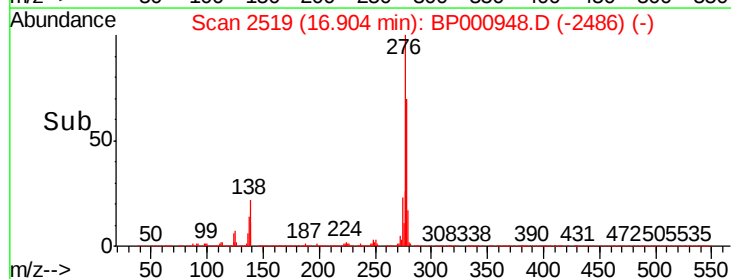
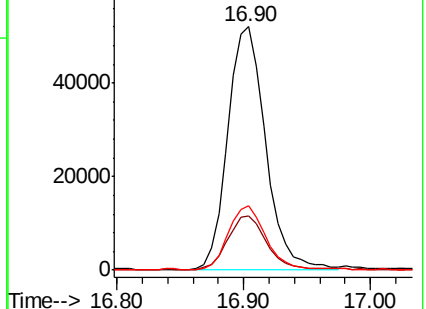
277 26.3 19.8 29.8

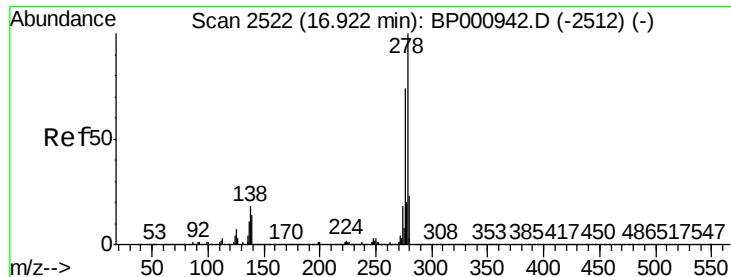


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Dibenzo(a,h)anthracene

Concen: 3.265 ng/ul

RT: 16.91 min Scan# 2520

Delta R.T. -0.01 min

Lab File: BP000948.D

Acq: 22 Oct 2019 17:36

Instrument :

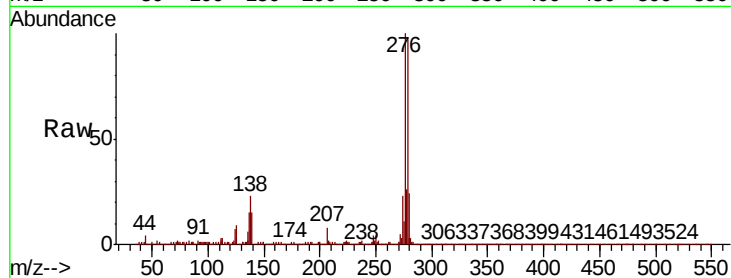
BNA_P

ClientSampled :

BEPB2

Tot Ion:278 Resp: 86760

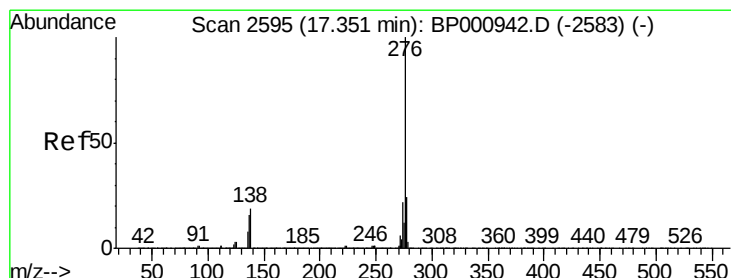
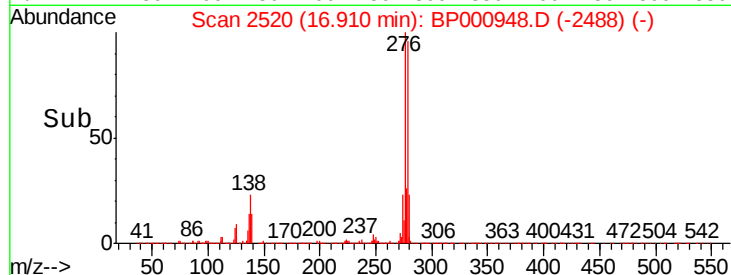
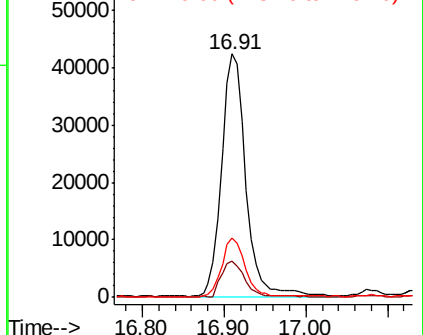
Ion	Ratio	Lower	Upper
278	100		
139	15.0	14.2	21.4
279	24.2	19.2	28.8



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: 3.382 ng/ul

RT: 17.34 min Scan# 2593

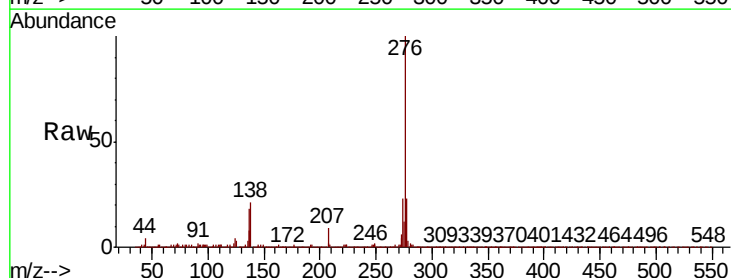
Delta R.T. -0.01 min

Lab File: BP000948.D

Acq: 22 Oct 2019 17:36

Tgt Ion:276 Resp: 91294

Ion	Ratio	Lower	Upper
276	100		
138	20.9	18.4	27.6
277	23.3	19.4	29.0



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

