

Data File : BP000808.D
Acq On : 16 Oct 2019 13:18
Operator : JU
Sample : K5223-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BEPD8

Quant Time: Oct 17 08:01:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 07:55:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	203028	20.00	ng/ul	0.00
18) Naphthalene-d8	8.03	136	755944	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.80	164	408199	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.30	188	737798	20.00	ng/ul	0.00
78) Chrysene-d12	13.97	240	611948	20.00	ng/ul	0.00
86) Perylene-d12	15.45	264	659874	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.34	96	55	0.01	ng/uL	-0.01
5) Phenol-d5	6.39	99	293895	18.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.43	67	159415	20.36	ng/ul	0.00
9) 2-Chlorophenol-d4	6.52	132	263017	19.93	ng/ul	0.00
13) 4-Methylphenol-d8	7.13	113	192268	16.07	ng/ul	0.00
19) Nitrobenzene-d5	7.30	128	124027	21.58	ng/ul	0.00
22) 2-Nitrophenol-d4	7.63	143	134854	22.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	7.88	165	237415	20.27	ng/ul	0.00
29) 4-Chloroaniline-d4	8.09	131	271343	20.83	ng/ul	0.00
44) Dimethylphthalate-d6	9.49	166	667075	23.34	ng/ul	0.00
47) Acenaphthylene-d8	9.64	160	785312	22.34	ng/ul	0.00
52) 4-Nitrophenol-d4	9.92	143	67926	15.43	ng/ul	0.00
58) Fluorene-d10	10.32	176	557807	22.82	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.39	200	43785	12.46	ng/ul	0.00
71) Anthracene-d10	11.35	188	794366	23.24	ng/ul	0.00
79) Pyrene-d10	12.73	212	863898	24.97	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.36	264	813667	24.98	ng/ul	0.00

Target Compounds

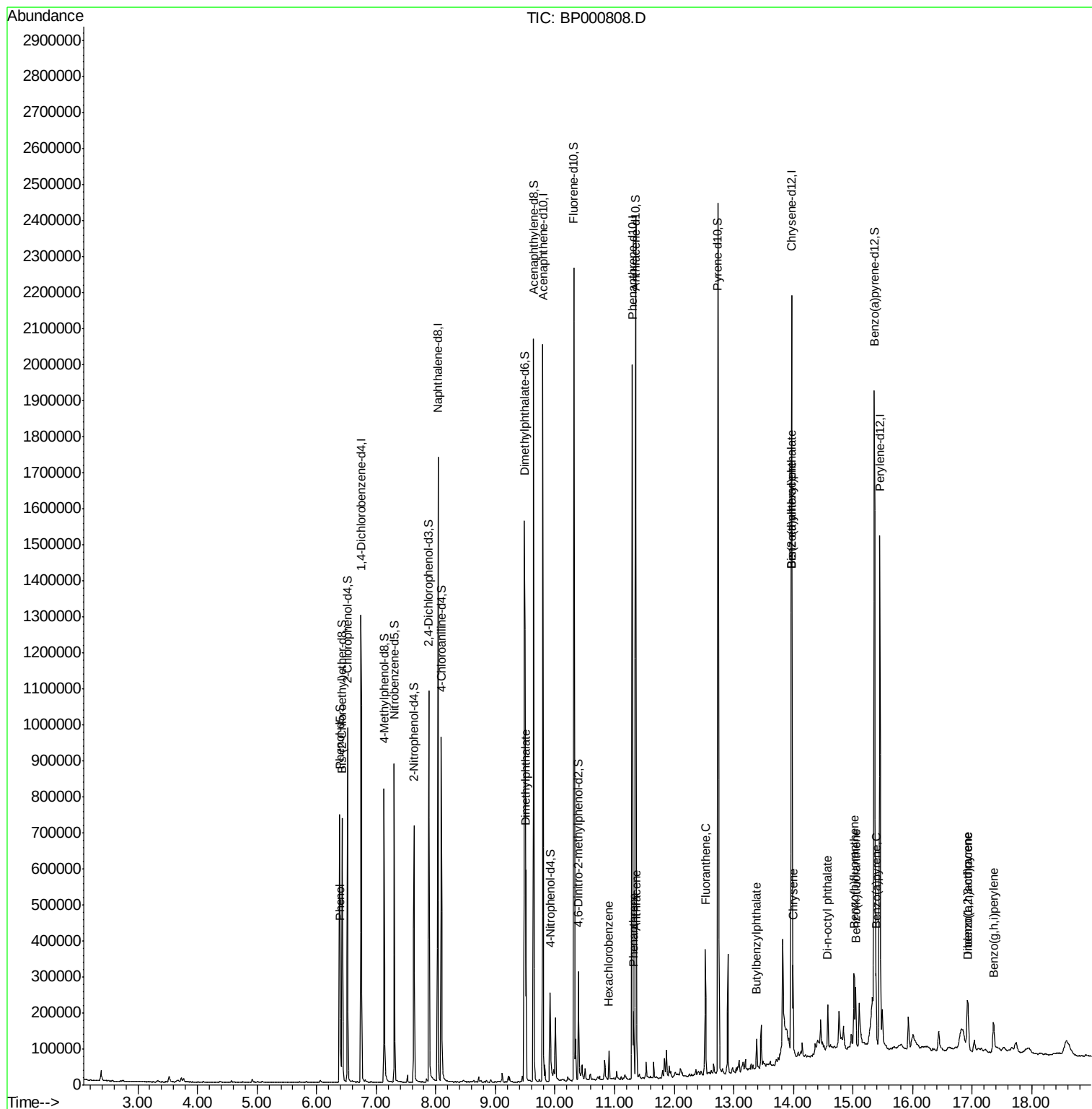
						Qvalue
6) Phenol	6.40	94	40604	2.572	ng/ul	97
45) Dimethylphthalate	9.51	163	207362	7.283	ng/ul	99
67) Hexachlorobenzene	10.91	284	10791	1.193	ng/ul	95
70) Phenanthrene	11.32	178	66984	1.666	ng/ul	99
72) Anthracene	11.37	178	47602	1.167	ng/ul	100
77) Fluoranthene	12.52	202	125865	3.055	ng/ul	100
81) Butylbenzylphthalate	13.38	149	18515	1.044	ng/ul	94
83) Benzo(a)anthracene	13.96	228	95440	2.324	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	43851	1.859	ng/ul	99
85) Chrysene	13.99	228	92650	2.427	ng/ul	97
87) Di-n-octyl phthalate	14.57	149	61728	1.632	ng/ul	100
88) Benzo(b)fluoranthene	15.02	252	96957	2.463	ng/ul	99
89) Benzo(k)fluoranthene	15.05	252	71156	1.898	ng/ul	99
91) Benzo(a)pyrene	15.39	252	84546	2.268	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	16.92	276	79875	1.869	ng/ul	98
93) Dibenzo(a,h)anthracene	16.93	278	53961	1.541	ng/ul	98
94) Benzo(g,h,i)perylene	17.36	276	65798	1.849	ng/ul	98

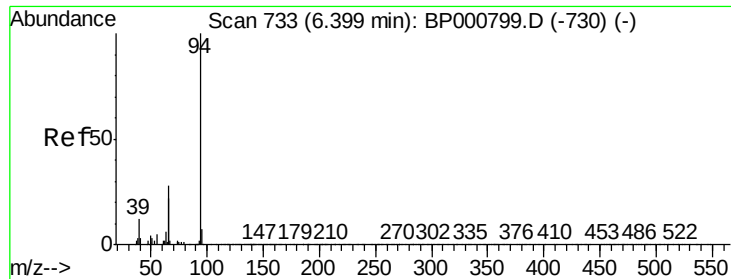
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.572 ng/ul

RT: 6.40 min Scan# 733

Delta R.T. -0.00 min

Lab File: BP000808.D

Acq: 16 Oct 2019 13:18

Instrument :

BNA_P

ClientSampleId :

BEPD8

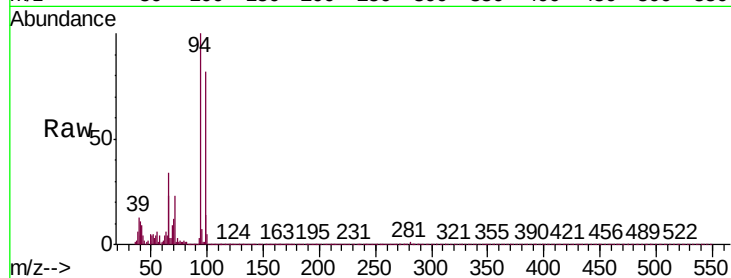
Tgt Ion: 94 Resp: 40604

Ion Ratio Lower Upper

94 100

65 23.0 19.2 28.8

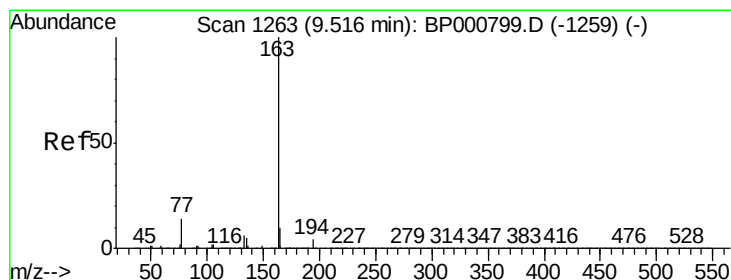
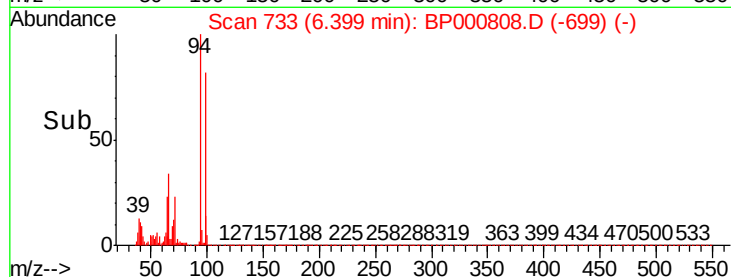
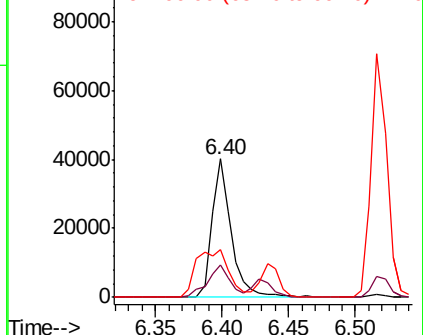
66 34.3 25.7 38.5



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: 7.283 ng/ul

RT: 9.51 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BP000808.D

Acq: 16 Oct 2019 13:18

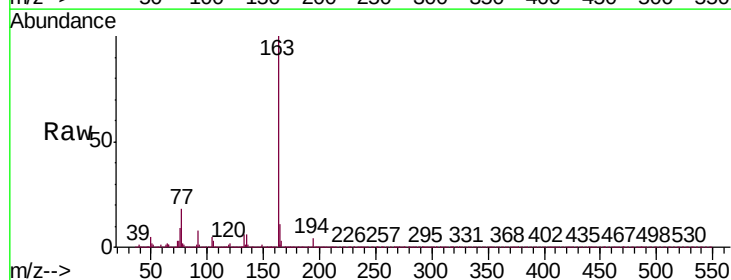
Tgt Ion: 163 Resp: 207362

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

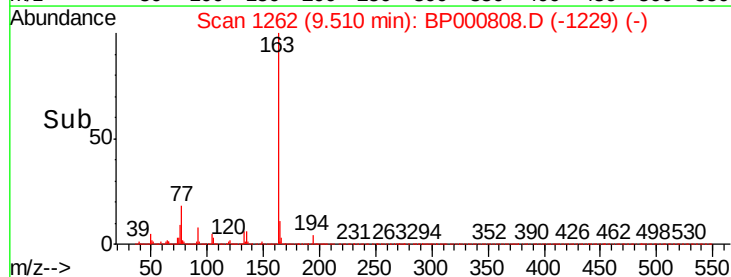
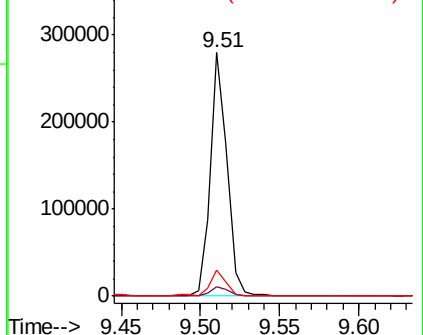
164 10.6 8.1 12.1

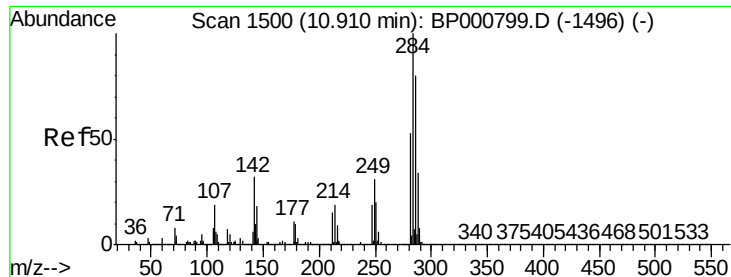


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#67

Hexachlorobenzene

Concen: 1.193 ng/ul

RT: 10.91 min Scan# 1500

Delta R.T. -0.00 min

Lab File: BP000808.D

Acq: 16 Oct 2019 13:18

Instrument :

BNA_P

ClientSampleId :

BEPD8

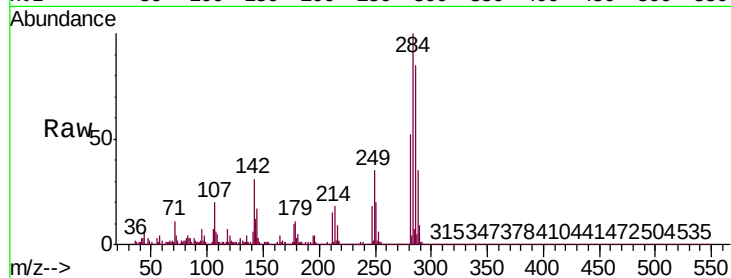
Tgt Ion:284 Resp: 10791

Ion Ratio Lower Upper

284 100

142 31.1 26.4 39.6

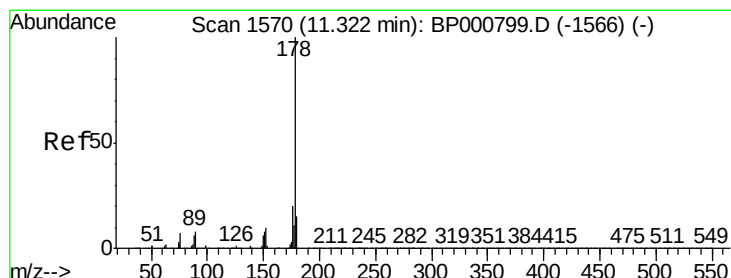
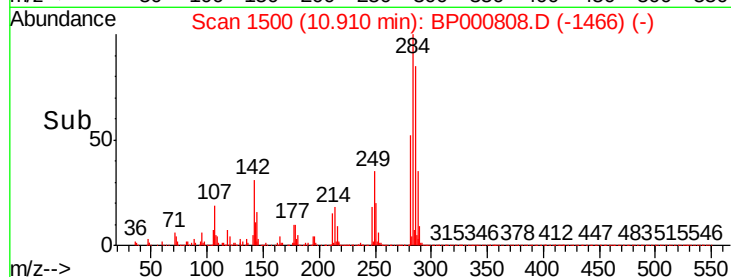
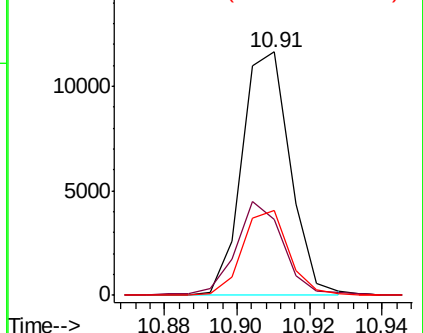
249 34.9 25.0 37.6



Abundance Ion 284.00 (283.70 to 284.70): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#70

Phenanthrene

Concen: 1.666 ng/ul

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BP000808.D

Acq: 16 Oct 2019 13:18

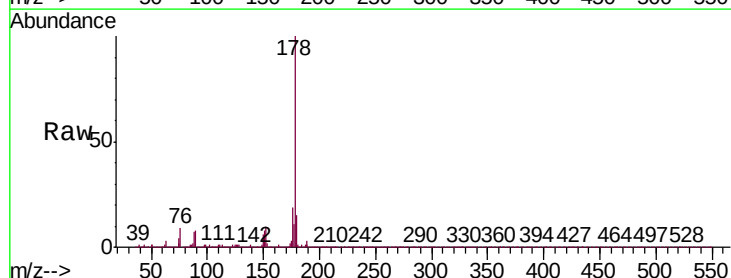
Tgt Ion:178 Resp: 66984

Ion Ratio Lower Upper

178 100

179 15.4 12.5 18.7

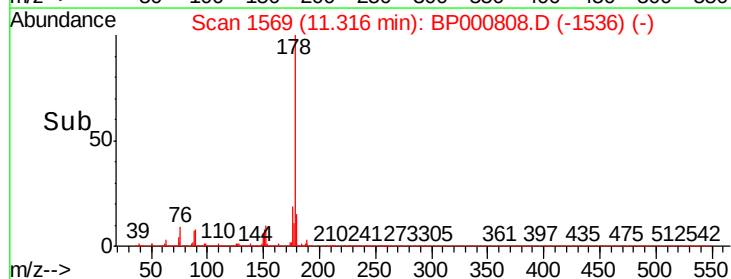
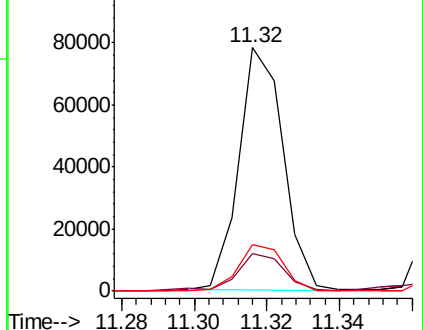
176 18.9 15.4 23.2

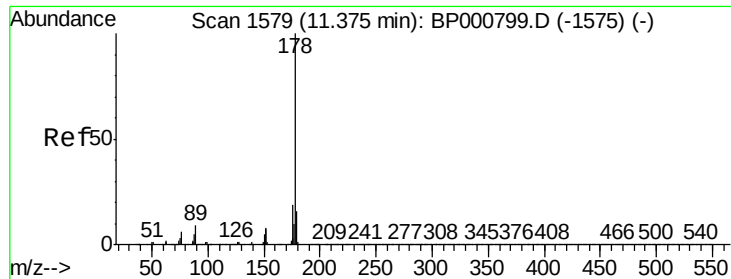


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

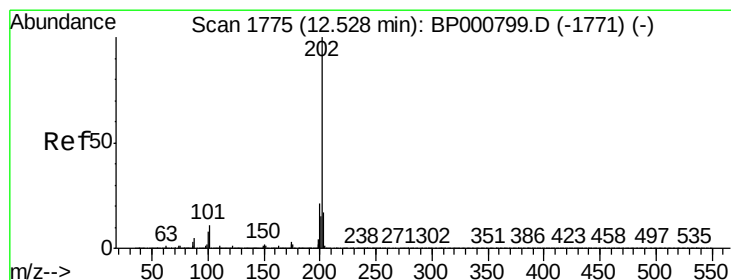
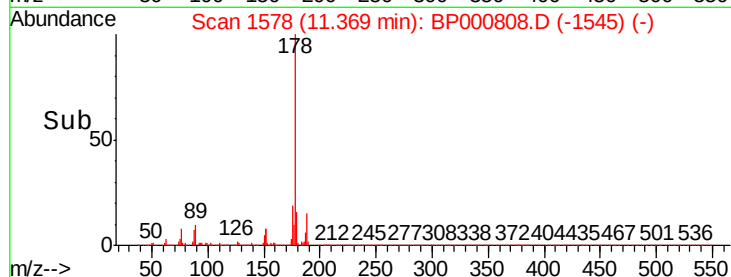
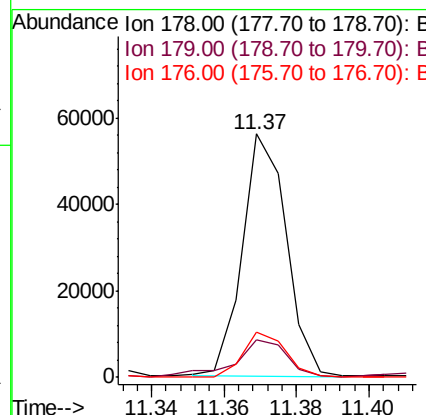
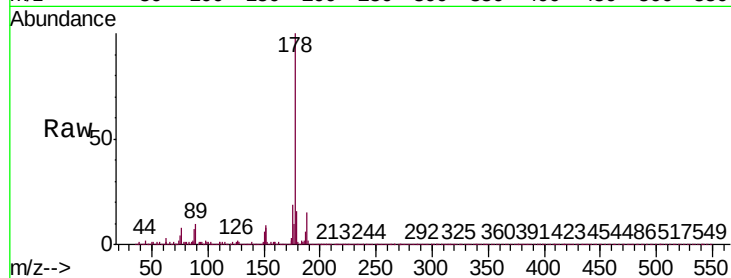




#72
 Anthracene
 Concen: 1.167 ng/ul
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BP000808.D
 Acq: 16 Oct 2019 13:18

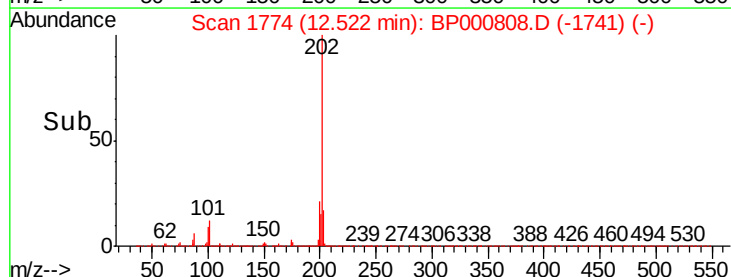
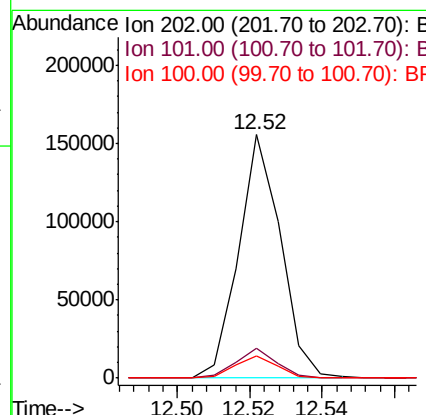
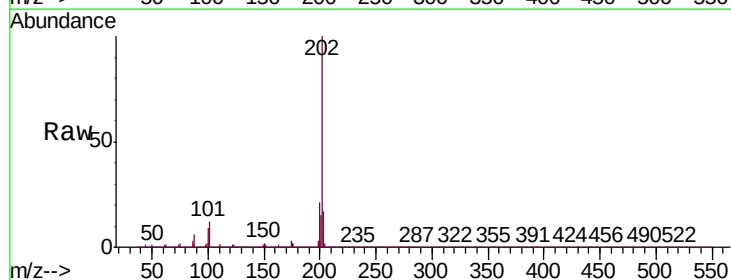
Instrument :
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 BEPD8

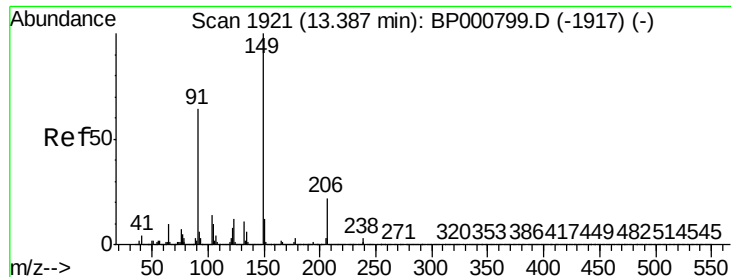
Tgt Ion:178 Resp: 47602
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.4 18.6
 176 18.6 15.1 22.7



#77
 Fluoranthene
 Concen: 3.055 ng/ul
 RT: 12.52 min Scan# 1774
 Delta R.T. -0.01 min
 Lab File: BP000808.D
 Acq: 16 Oct 2019 13:18

Tgt Ion:202 Resp: 125865
 Ion Ratio Lower Upper
 202 100
 101 12.3 9.8 14.6
 100 9.0 7.2 10.8

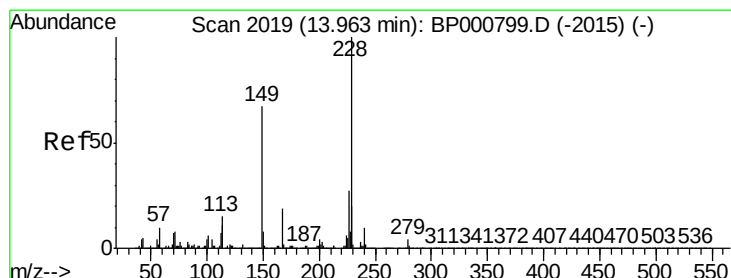
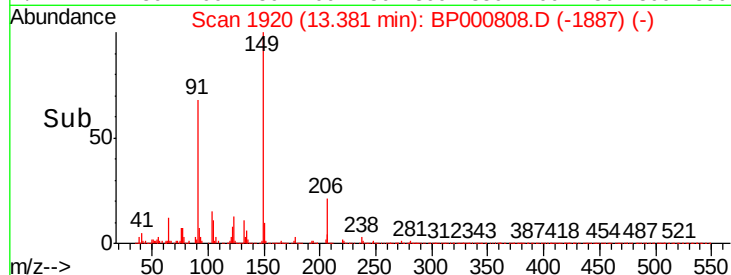
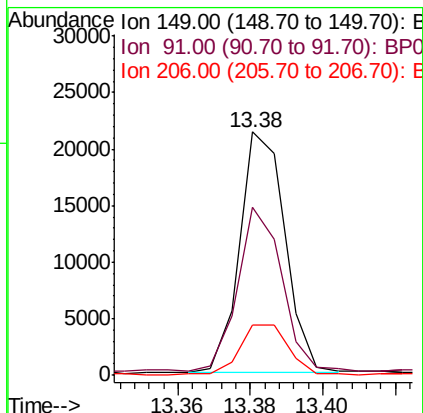
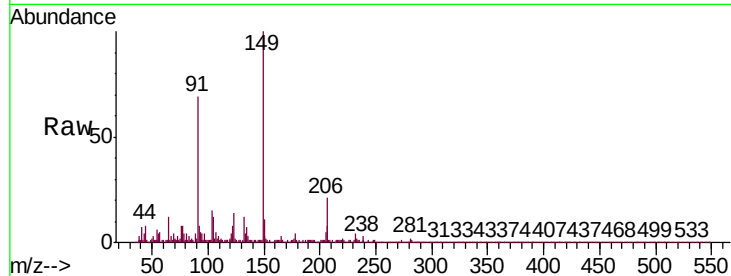




#81
Butylbenzylphthalate
Concen: 1.044 ng/ul
RT: 13.38 min Scan# 1920
Delta R.T. -0.01 min
Lab File: BP000808.D
Acq: 16 Oct 2019 13:18

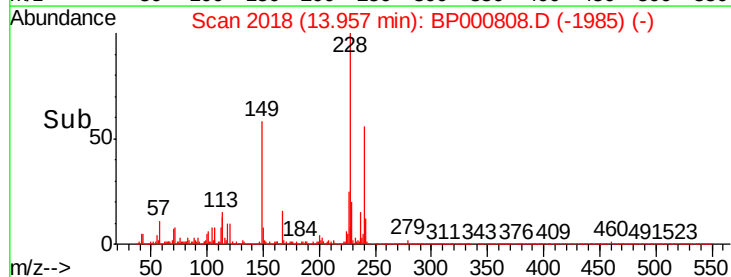
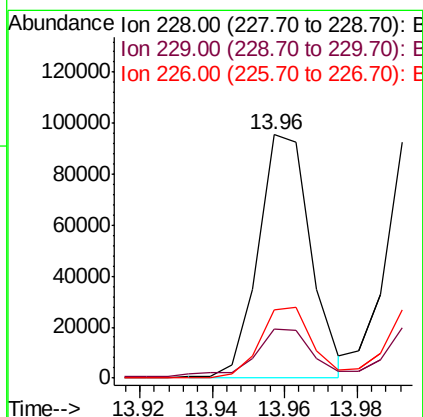
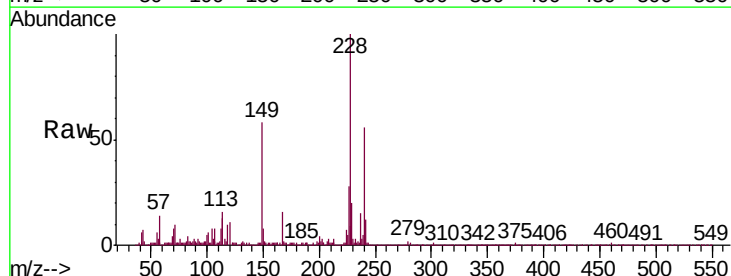
Instrument :
BNA_P
ClientSampleId :
BEPD8

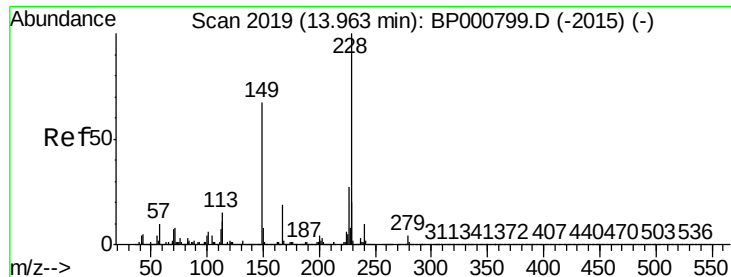
Tgt Ion:	149	Resp:	18515
Ion Ratio		Lower	Upper
149	100		
91	69.1	50.6	75.8
206	20.9	17.8	26.6



#83
Benzo(a)anthracene
Concen: 2.324 ng/ul
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BP000808.D
Acq: 16 Oct 2019 13:18

Tgt Ion:	228	Resp:	95440
Ion Ratio		Lower	Upper
228	100		
229	20.1	15.6	23.4
226	28.1	21.8	32.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.859 ng/ul

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BP000808.D

Acq: 16 Oct 2019 13:18

Instrument :

BNA_P

ClientSampleId :

BEPD8

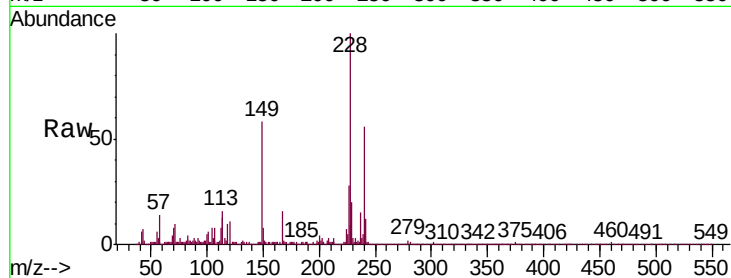
Tgt Ion:149 Resp: 43851

Ion Ratio Lower Upper

149 100

167 28.3 22.3 33.5

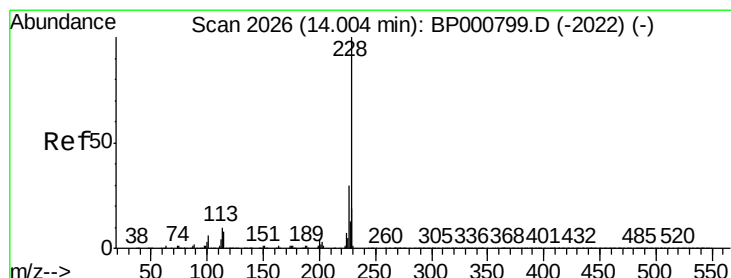
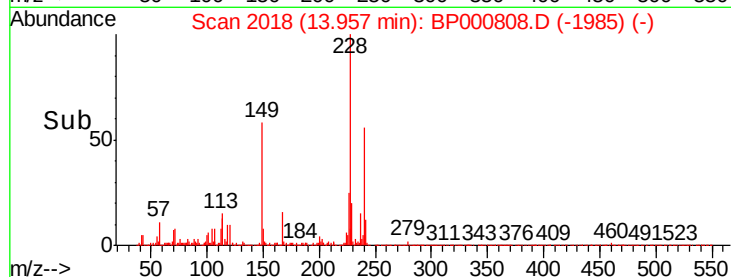
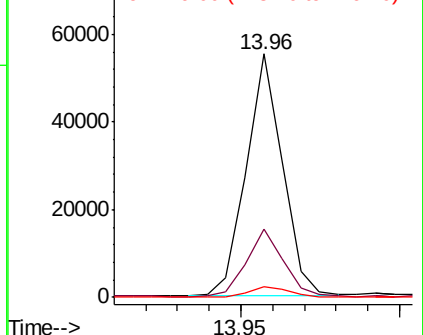
279 4.3 3.2 4.8



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: 2.427 ng/ul

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BP000808.D

Acq: 16 Oct 2019 13:18

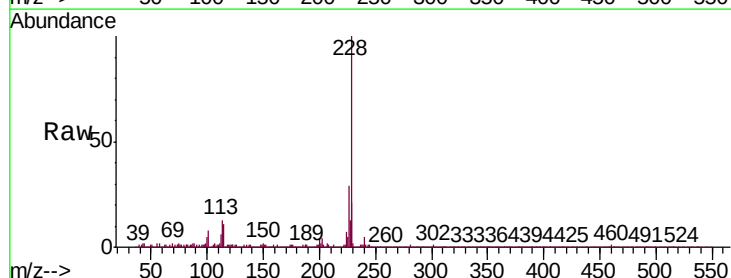
Tgt Ion:228 Resp: 92650

Ion Ratio Lower Upper

228 100

226 29.1 24.2 36.4

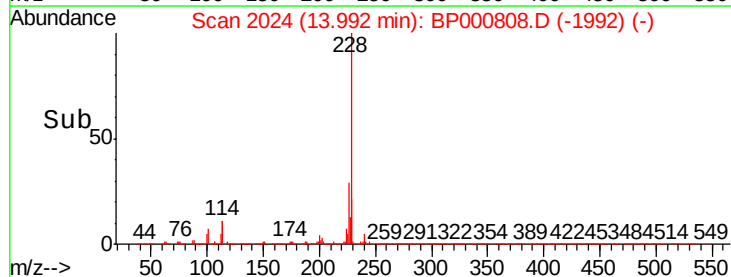
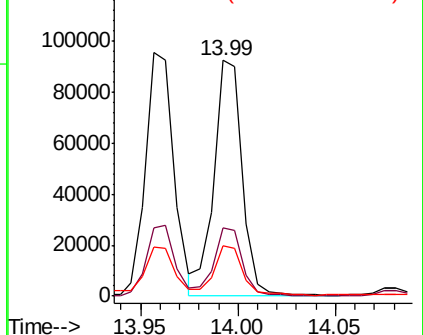
229 21.2 15.8 23.6

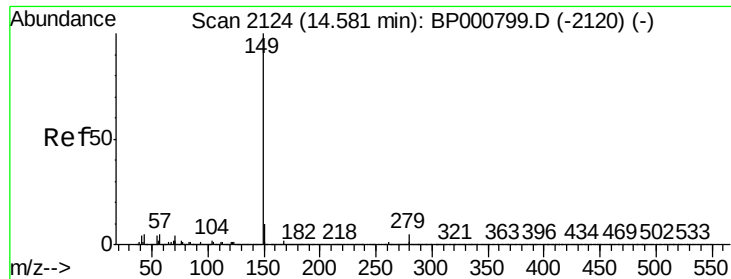


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Di-n-octyl phthalate

Concen: 1.632 ng/ul

RT: 14.57 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BP000808.D

Acq: 16 Oct 2019 13:18

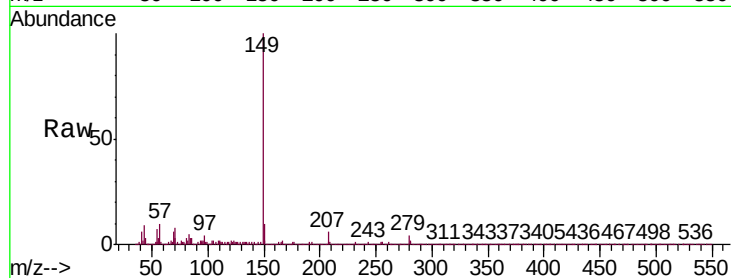
Instrument :

BNA_P

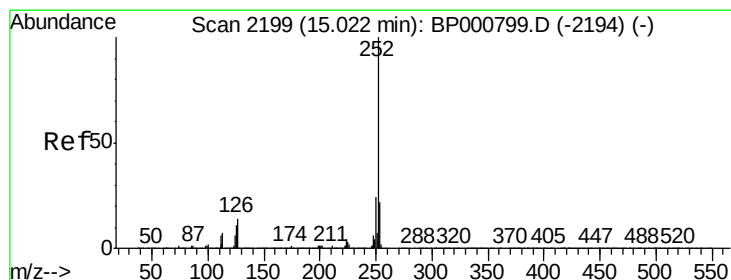
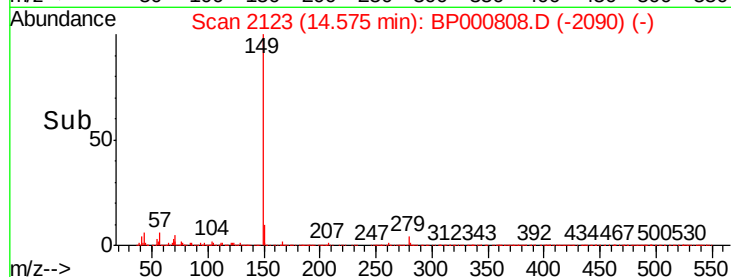
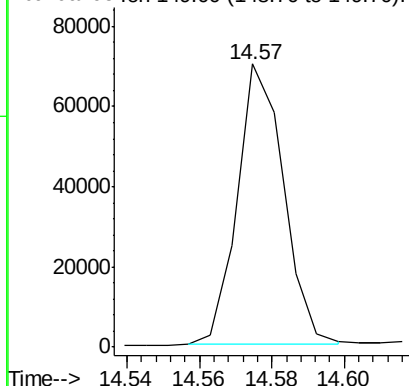
ClientSampleId :

BEPD8

Tgt Ion:149 Resp: 61728



Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 2.463 ng/ul

RT: 15.02 min Scan# 2198

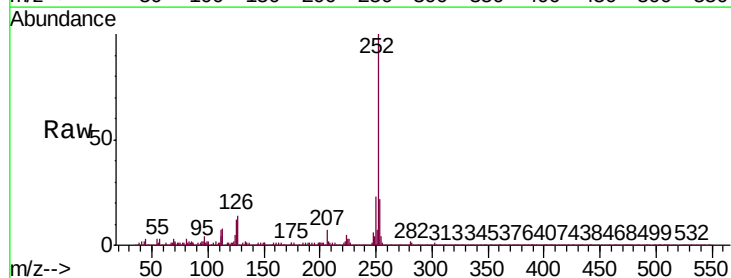
Delta R.T. -0.01 min

Lab File: BP000808.D

Acq: 16 Oct 2019 13:18

Tgt Ion:252 Resp: 96957

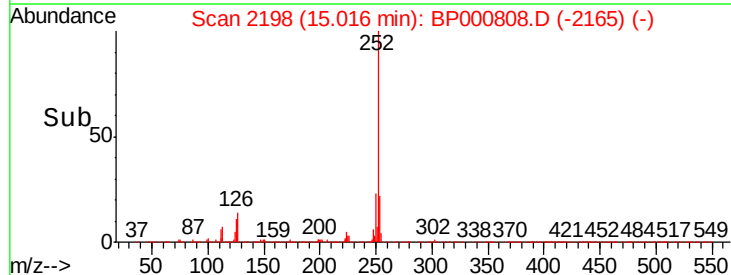
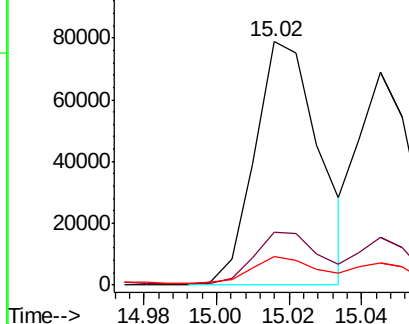
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	12.0	8.7	13.1

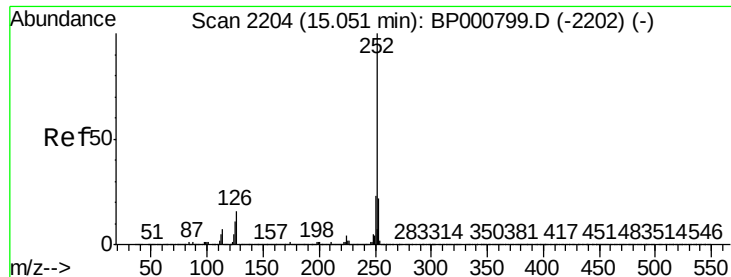


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 1.898 ng/ul

RT: 15.05 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BP000808.D

Acq: 16 Oct 2019 13:18

Instrument :

BNA_P

ClientSampleId :

BEPD8

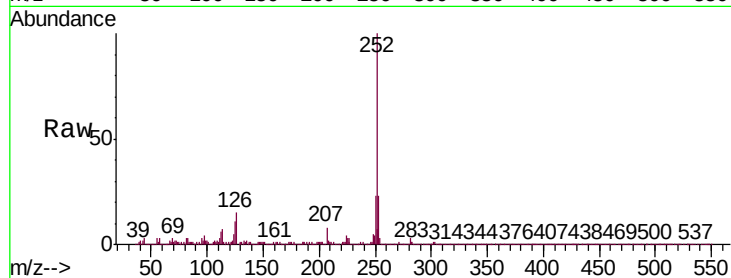
Tgt Ion:252 Resp: 71156

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

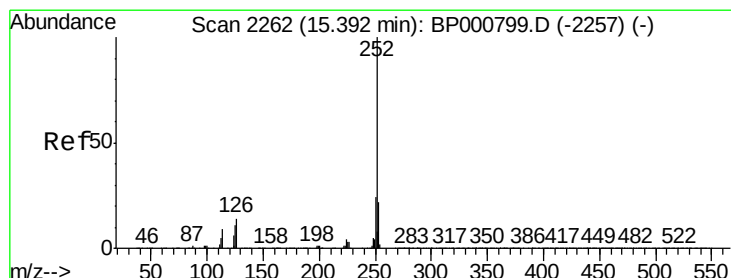
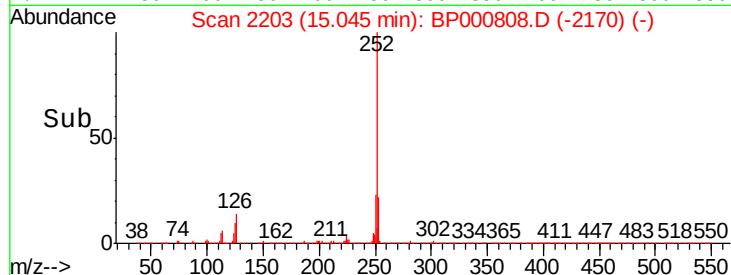
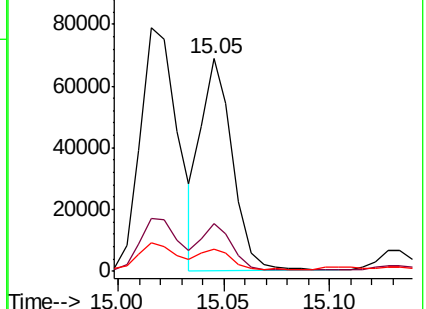
125 10.6 8.2 12.4



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: 2.268 ng/ul

RT: 15.39 min Scan# 2261

Delta R.T. -0.01 min

Lab File: BP000808.D

Acq: 16 Oct 2019 13:18

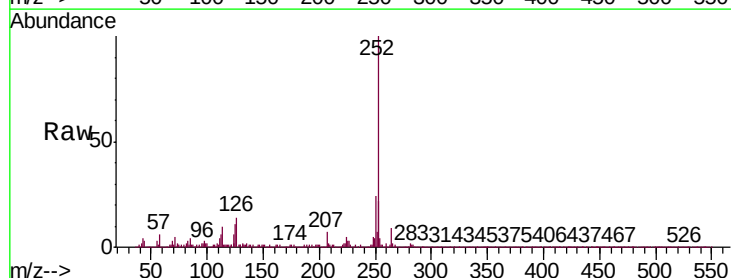
Tgt Ion:252 Resp: 84546

Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

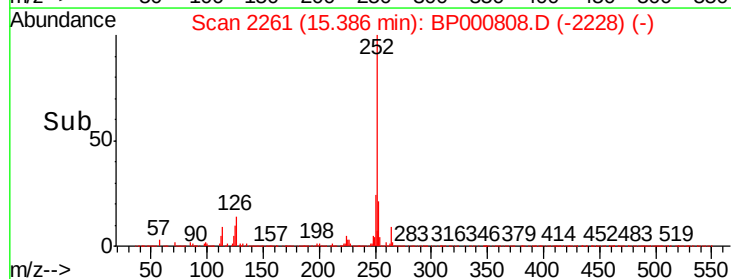
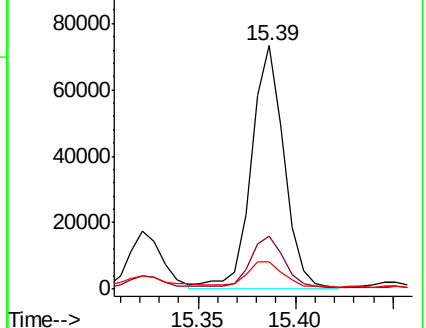
125 11.3 9.7 14.5

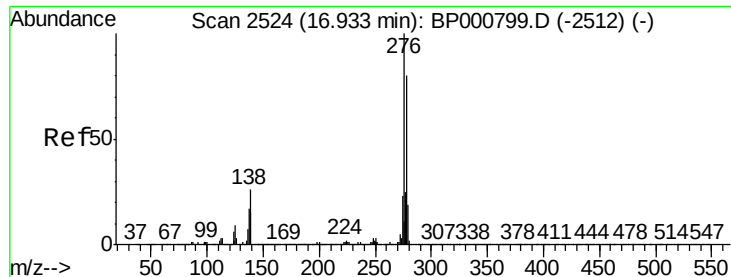


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



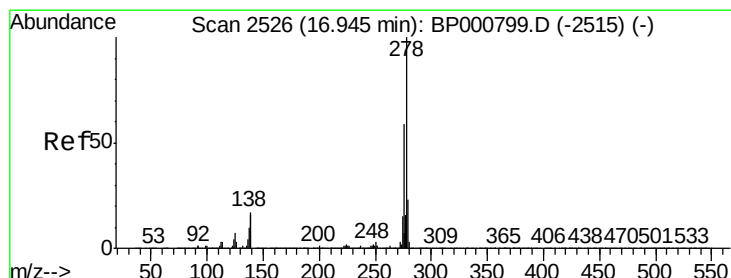
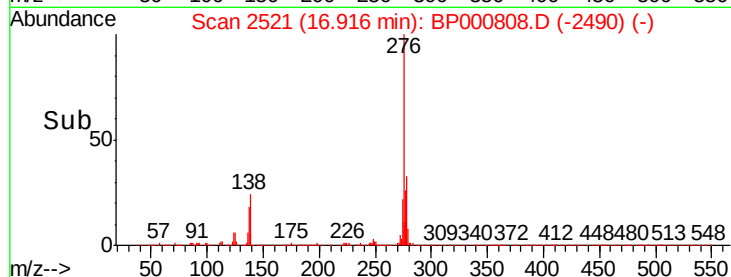
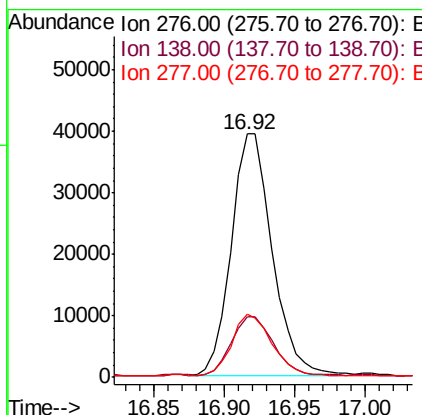
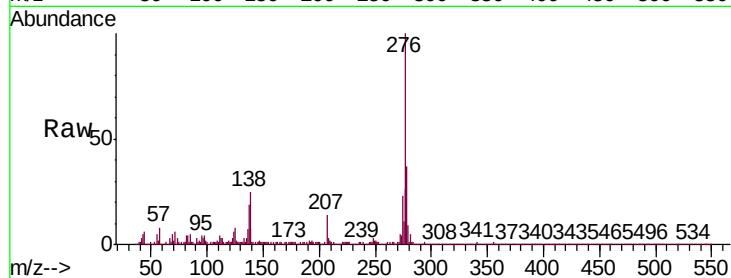


#92

Indeno(1,2,3-cd)pyrene
Concen: 1.869 ng/ul
RT: 16.92 min Scan# 2521
Delta R.T. -0.02 min
Lab File: BP000808.D
Acq: 16 Oct 2019 13:18

Instrument :
BNA_P
ClientSampled :
BEPD8

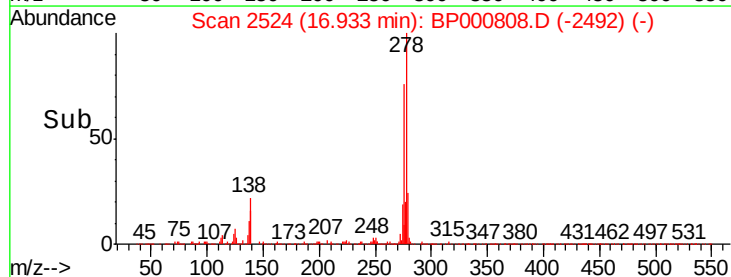
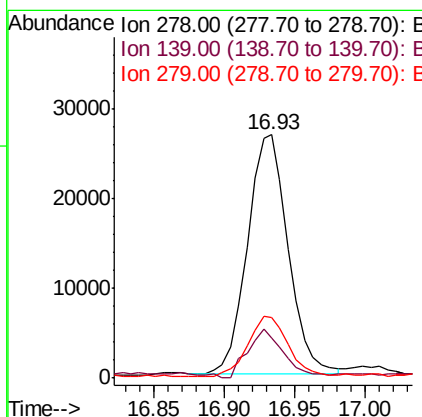
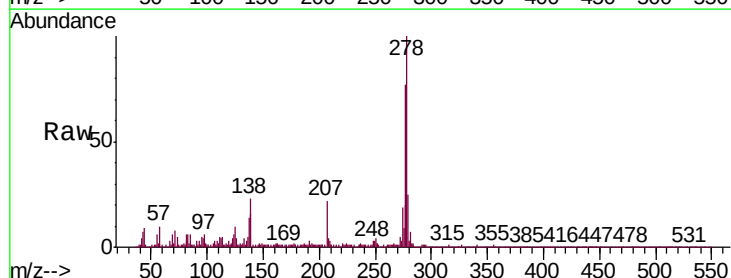
Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.7	20.0	30.0
277	26.1	19.8	29.8

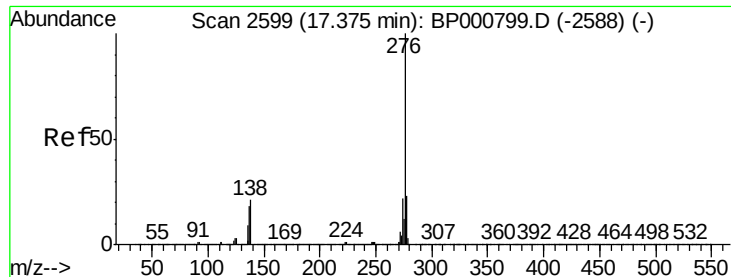


#93

Dibenzo(a,h)anthracene
Concen: 1.541 ng/ul
RT: 16.93 min Scan# 2524
Delta R.T. -0.01 min
Lab File: BP000808.D
Acq: 16 Oct 2019 13:18

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.3	14.2	21.4
279	24.7	19.2	28.8





#94

Benzo(g,h,i)perylene

Concen: 1.849 ng/ul

RT: 17.36 min Scan# 2596

Delta R.T. -0.02 min

Lab File: BP000808.D

Acq: 16 Oct 2019 13:18

Instrument :

BNA_P

ClientSampleId :

BEPD8

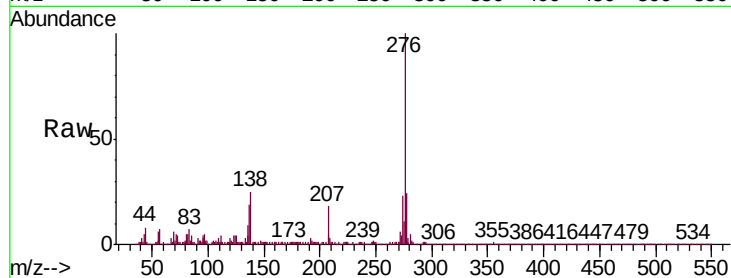
Tgt Ion:276 Resp: 65798

Ion Ratio Lower Upper

276 100

138 24.5 18.4 27.6

277 23.8 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

