

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP101719\
 Data File : BP000832.D
 Acq On : 17 Oct 2019 10:47
 Operator : JU
 Sample : K5191-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BF6L1

Quant Time: Oct 17 14:56:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 17 09:27:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	227011	20.00	ng/ul	0.00
18) Naphthalene-d8	8.03	136	845032	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.80	164	437090	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.30	188	717003	20.00	ng/ul	0.00
78) Chrysene-d12	13.97	240	549134	20.00	ng/ul	0.00
86) Perylene-d12	15.46	264	628030	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.38	96	23371	4.27	ng/uL	-0.01
5) Phenol-d5	6.39	99	72419	4.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.43	67	135248	15.45	ng/ul	0.00
9) 2-Chlorophenol-d4	6.52	132	202677	13.74	ng/ul	0.00
13) 4-Methylphenol-d8	7.13	113	133871	10.01	ng/ul	0.00
19) Nitrobenzene-d5	7.30	128	113298	17.64	ng/ul	0.00
22) 2-Nitrophenol-d4	7.63	143	121973	17.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	7.89	165	223825	17.10	ng/ul	0.00
29) 4-Chloroaniline-d4	8.08	131	30451	2.09	ng/ul	-0.01
44) Dimethylphthalate-d6	9.49	166	634472	20.74	ng/ul	0.00
47) Acenaphthylene-d8	9.64	160	741616	19.70	ng/ul	0.00
52) 4-Nitrophenol-d4	9.93	143	20685	4.39	ng/ul	0.01
58) Fluorene-d10	10.32	176	519417	19.84	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.39	200	58480	17.13	ng/ul	0.00
71) Anthracene-d10	11.35	188	688675	20.74	ng/ul	0.00
79) Pyrene-d10	12.74	212	659623	21.24	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.36	264	647363	20.88	ng/ul	0.00

Target Compounds

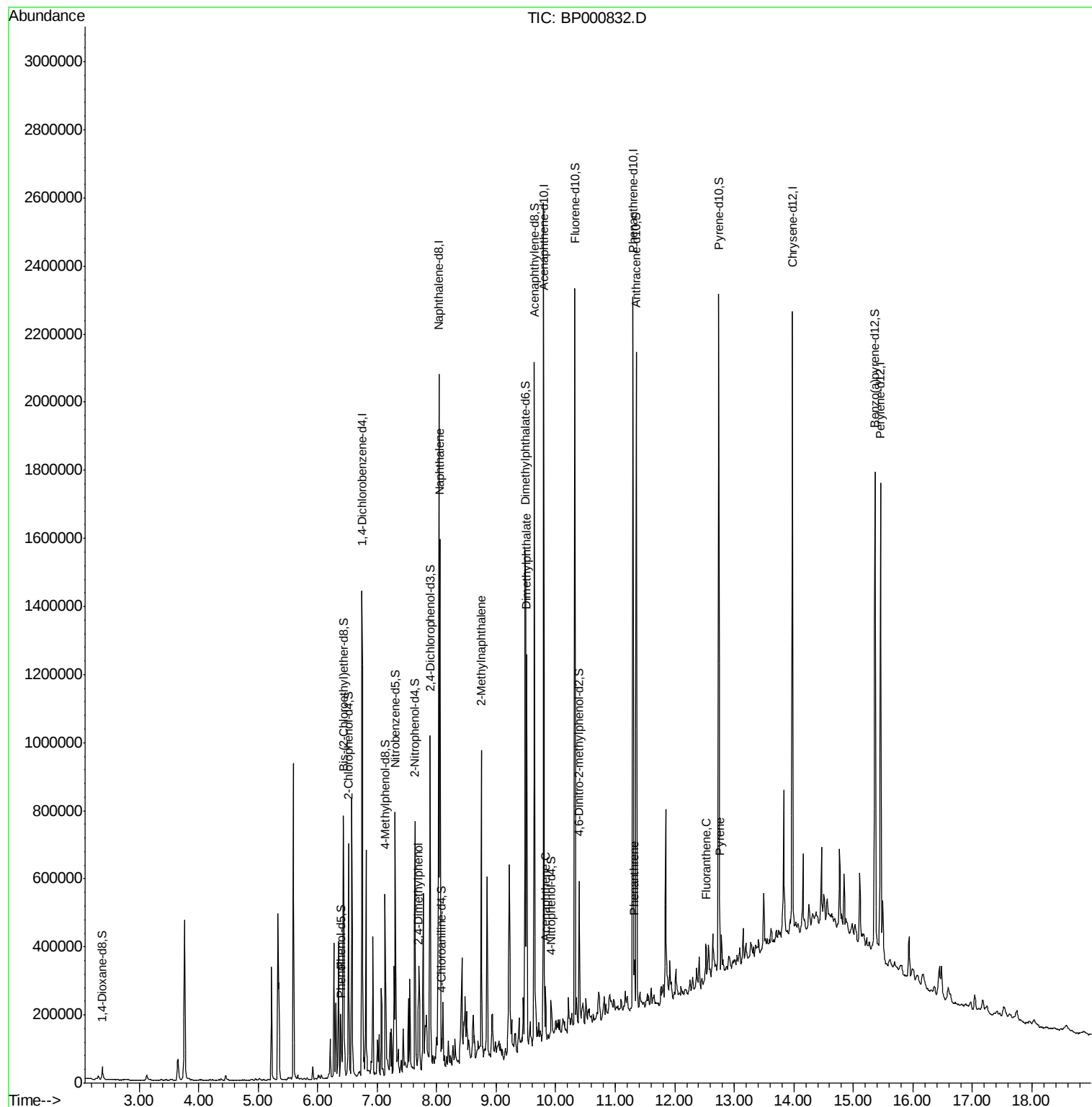
					Ovalue
6) Phenol	6.40	94	23835	1.350	ng/ul 98
24) 2,4-Dimethylphenol	7.69	107	48779	3.312	ng/ul 99
28) Naphthalene	8.05	128	618444	14.519	ng/ul 99
34) 2-Methylnaphthalene	8.75	142	231454	7.824	ng/ul 100
45) Dimethylphthalate	9.51	163	468346	15.362	ng/ul 99
50) Acenaphthene	9.83	153	35065	1.304	ng/ul 99
70) Phenanthrene	11.32	178	51218	1.311	ng/ul 96
77) Fluoranthene	12.52	202	40877	1.021	ng/ul 99
80) Pvrene	12.76	202	48638	1.248	ng/ul 97

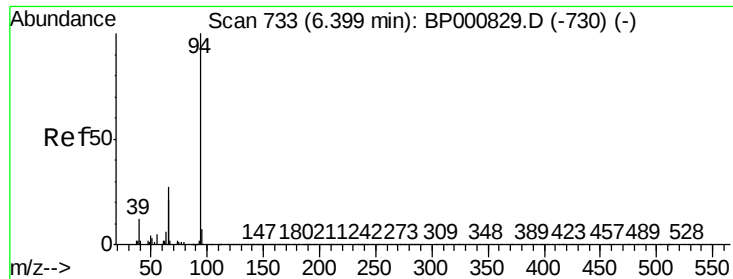
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.350 ng/ul

RT: 6.40 min Scan# 734

Delta R.T. 0.01 min

Lab File: BP000832.D

Acq: 17 Oct 2019 10:47

Instrument :

BNA_P

ClientSampleId :

BF6L1

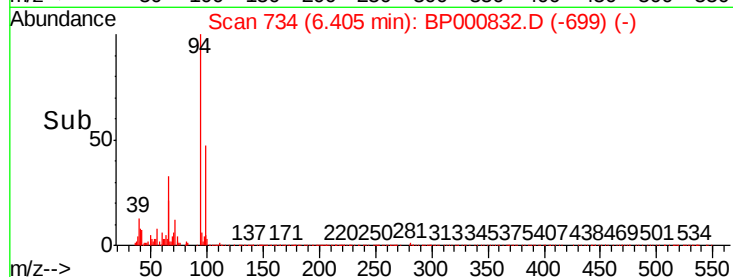
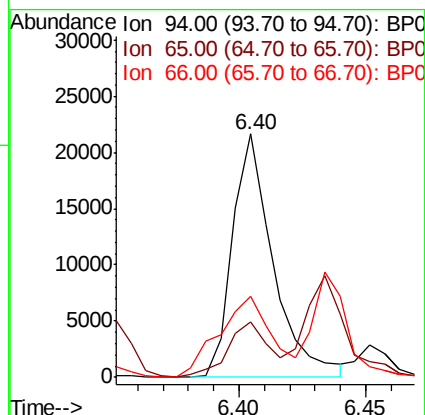
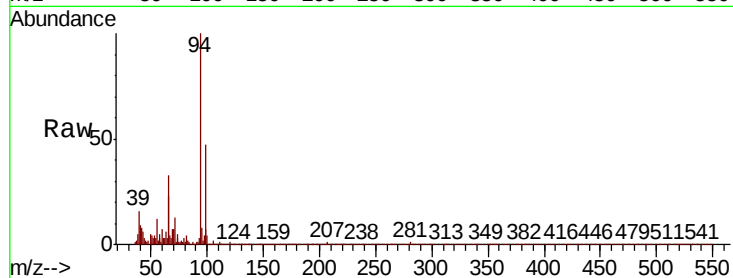
Tot Ion: 94 Resp: 23835

Ion Ratio Lower Upper

94 100

65 22.7 19.2 28.8

66 33.2 25.7 38.5



#24

2,4-Dimethylphenol

Concen: 3.312 ng/ul

RT: 7.69 min Scan# 953

Delta R.T. -0.00 min

Lab File: BP000832.D

Acq: 17 Oct 2019 10:47

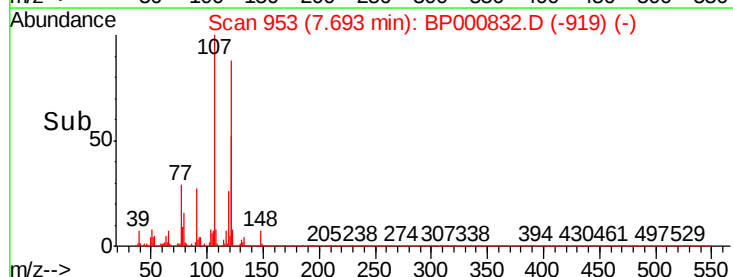
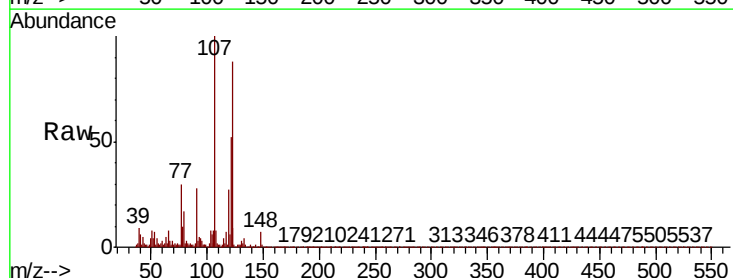
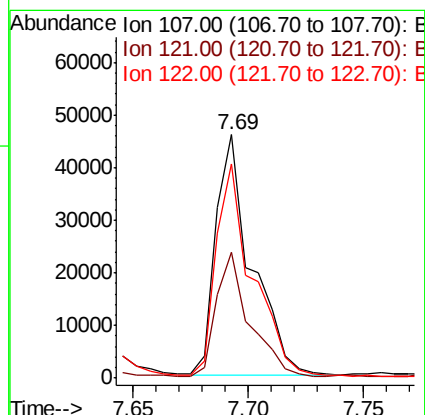
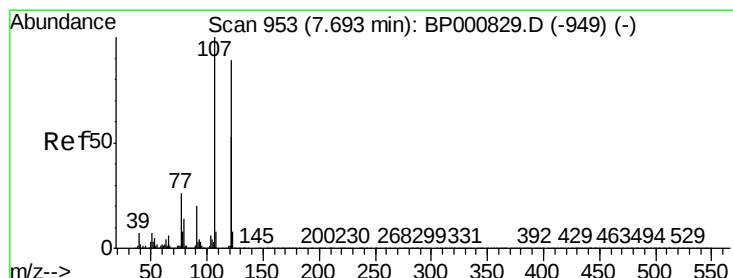
Tgt Ion: 107 Resp: 48779

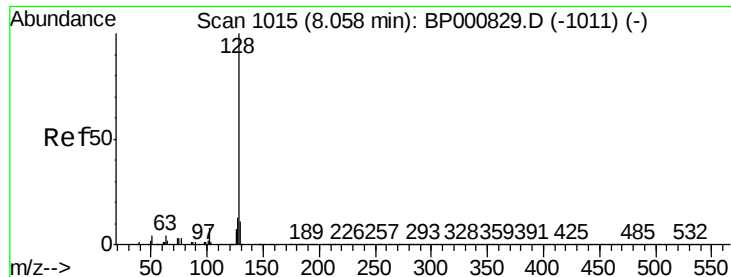
Ion Ratio Lower Upper

107 100

121 51.9 41.5 62.3

122 88.0 71.8 107.8

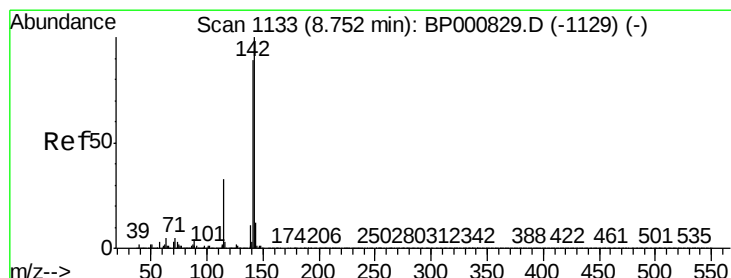
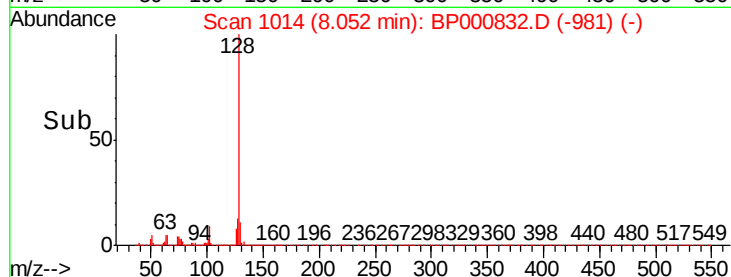
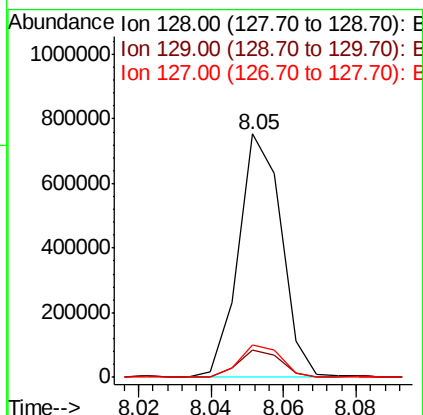
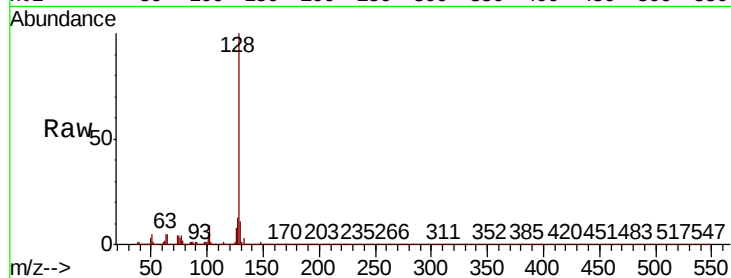




#28
Naphthalene
Concen: 14.519 ng/ul
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BP000832.D
Acq: 17 Oct 2019 10:47

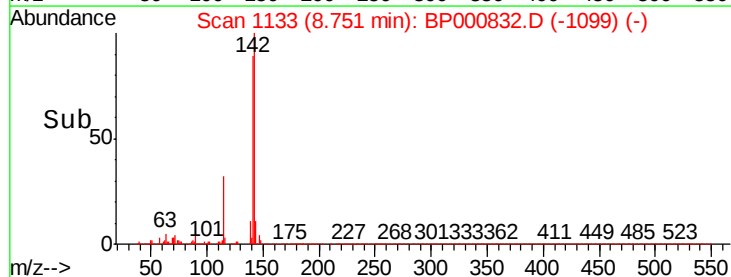
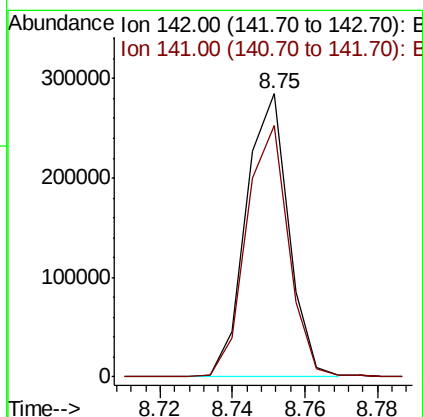
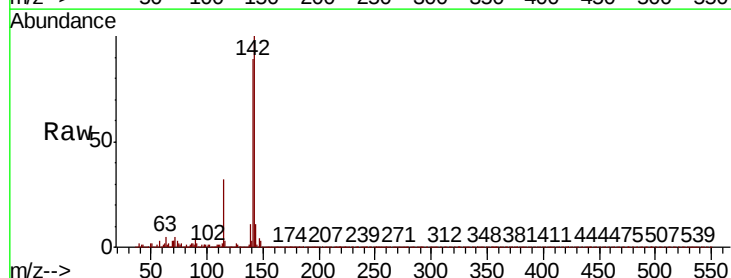
Instrument :
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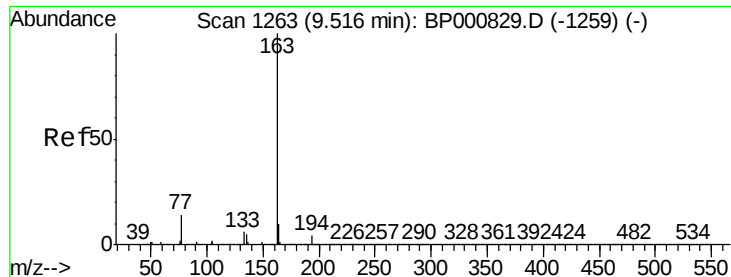
Tot Ion:128 Resp: 618444
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 13.5 10.5 15.7



#34
2-Methylnaphthalene
Concen: 7.824 ng/ul
RT: 8.75 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BP000832.D
Acq: 17 Oct 2019 10:47

Tgt Ion:142 Resp: 231454
Ion Ratio Lower Upper
142 100
141 88.6 71.0 106.4

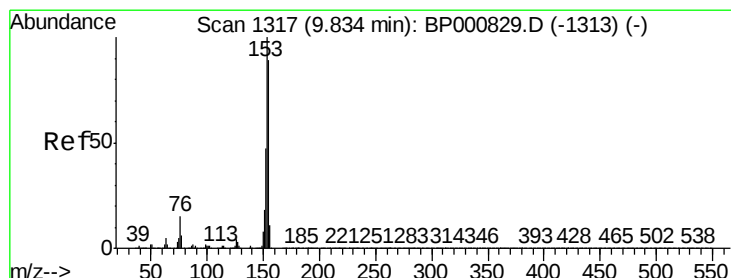
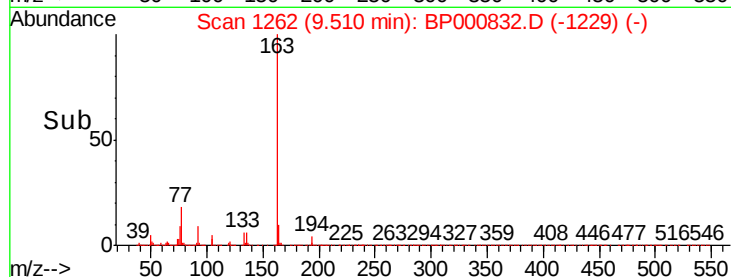
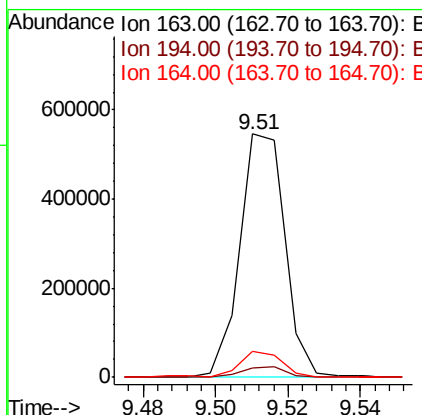
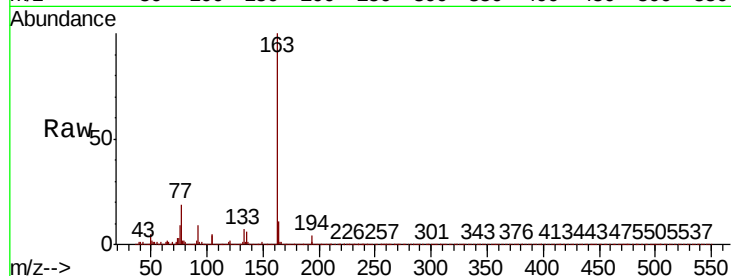




#45
Dimethylphthalate
Concen: 15.362 ng/ul
RT: 9.51 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BP000832.D
Acq: 17 Oct 2019 10:47

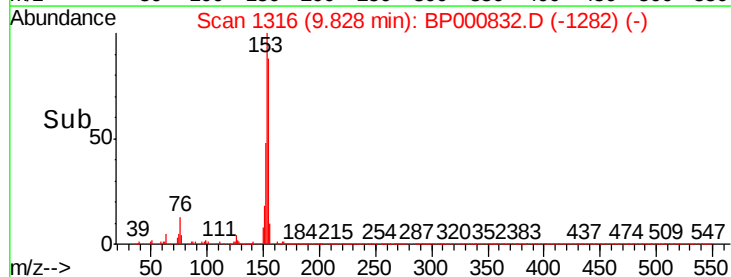
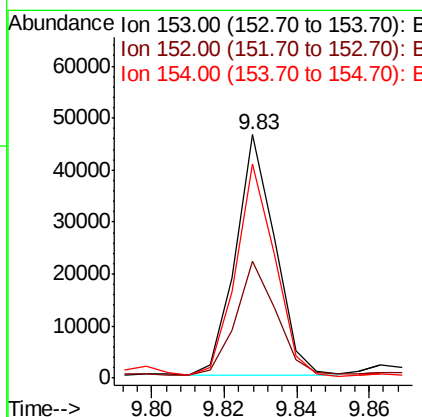
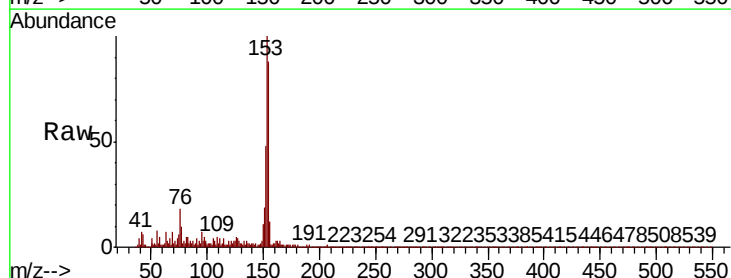
Instrument :
BNA_P
ClientSampleId :
BF6L1

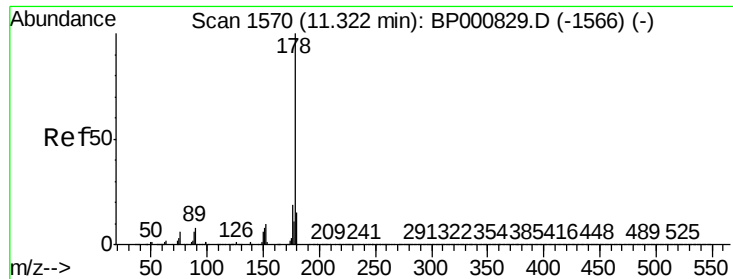
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.6	8.1	12.1



#50
Acenaphthene
Concen: 1.304 ng/ul
RT: 9.83 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BP000832.D
Acq: 17 Oct 2019 10:47

Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.8	38.6	57.8
154	88.2	71.9	107.9

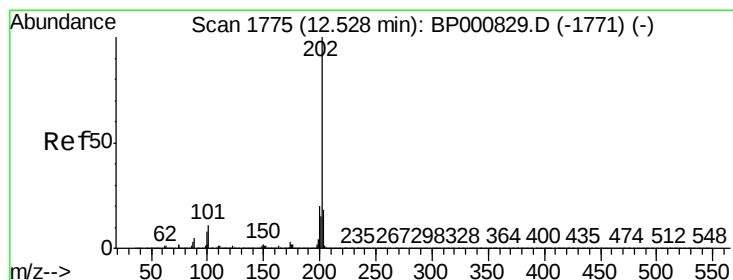
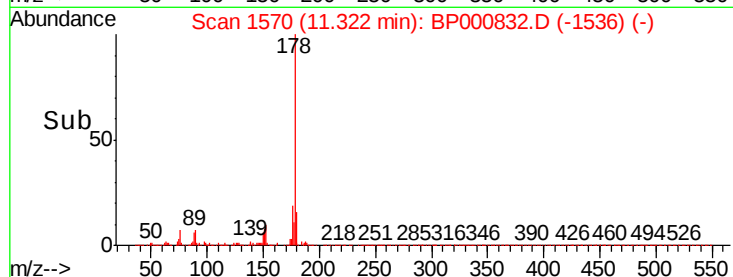
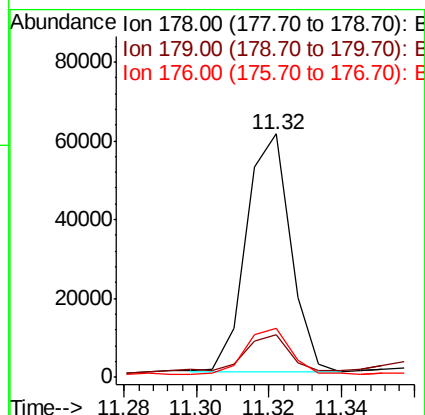
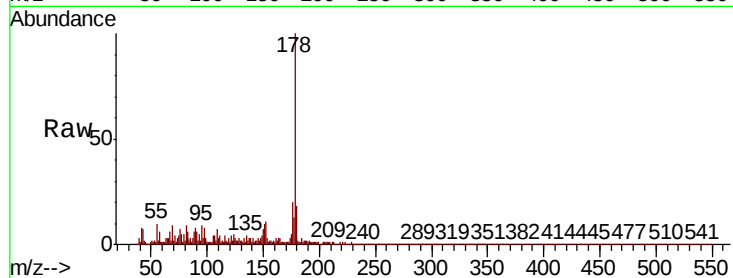




#70
Phenanthrene
Concen: 1.311 ng/ul
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BP000832.D
Acq: 17 Oct 2019 10:47

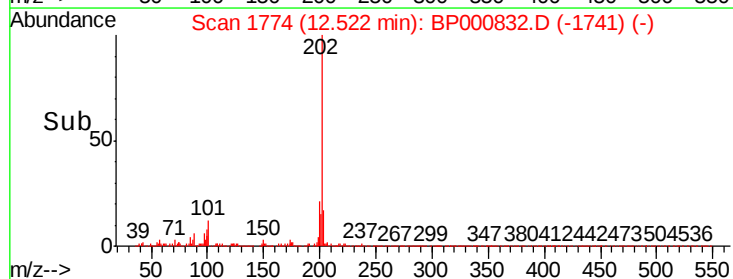
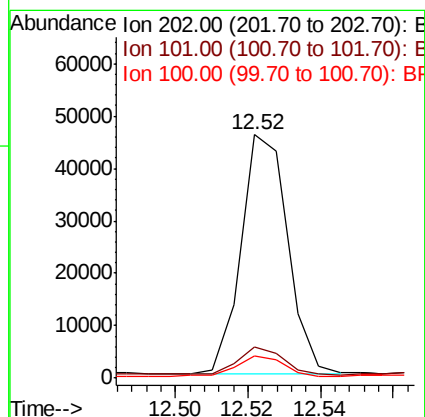
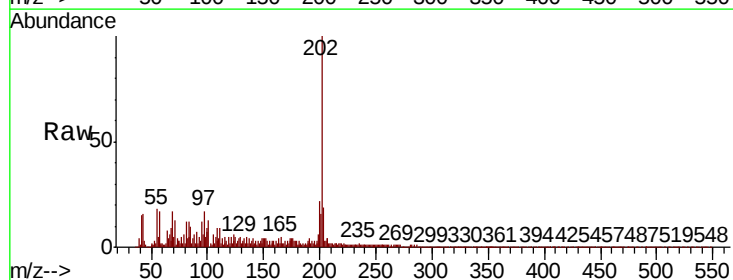
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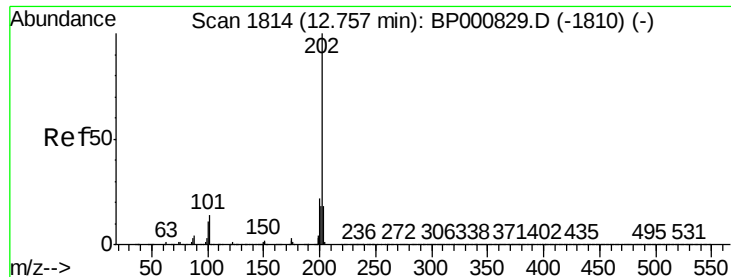
Tot Ion:178 Resp: 51218
Ion Ratio Lower Upper
178 100
179 17.7 12.5 18.7
176 20.4 15.4 23.2



#77
Fluoranthene
Concen: 1.021 ng/ul
RT: 12.52 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BP000832.D
Acq: 17 Oct 2019 10:47

Tgt Ion:202 Resp: 40877
Ion Ratio Lower Upper
202 100
101 13.0 9.8 14.6
100 9.0 7.2 10.8

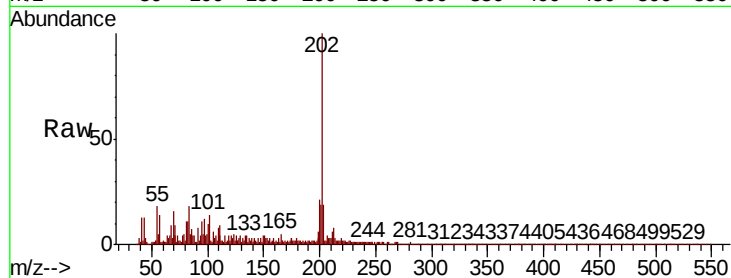




#80
 Pvrene
 Concen: 1.248 ng/ul
 RT: 12.76 min Scan# 1814
 Delta R.T. -0.00 min
 Lab File: BP000832.D
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Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
202	100		
101	13.7	9.7	14.5
100	10.5	7.8	11.8



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): BF

