Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101719\
Data File : BP000831.D
Acq On : 17 Oct 2019 10:23
Operator : JU
Sample : K5191-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BF6L0

Quant Time: Oct 17 14:45:53 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	182821	20.00	ng/ul	0.00
18) Naphthalene-d8	8.03	136	693805	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.80	164	383541	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.30	188	677683	20.00	ng/ul	0.00
78) Chrysene-d12	13.97	240	550116	20.00	ng/ul	0.00
86) Perylene-d12	15.46	264	613980	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.36	96	19057	4.32	ng/uL	-0.03
5) Phenol-d5	6.39	99	62095	4.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.43	67	119901	17.01	ng/ul	0.00
9) 2-Chlorophenol-d4	6.52	132	173912	14.64	ng/ul	0.00
13) 4-Methylphenol-d8	7.13	113	111092	10.31	ng/ul	0.00
19) Nitrobenzene-d5	7.30	128	97420	18.47	ng/ul	0.00
22) 2-Nitrophenol-d4	7.63	143	103868	18.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	7.89	165	186998	17.40	ng/ul	0.00
29) 4-Chloroaniline-d4	8.08	131	15279	1.28	ng/ul	-0.01
44) Dimethylphthalate-d6	9.49	166	561535	20.91	ng/ul	0.00
47) Acenaphthylene-d8	9.64	160	646192	19.56	ng/ul	0.00
52) 4-Nitrophenol-d4	9.92	143	19653	4.75	ng/ul	0.00
58) Fluorene-d10	10.32	176	473569	20.61	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.39	200	52251	16.19	ng/ul	0.00
71) Anthracene-d10	11.35	188	686573	21.87	ng/ul	0.00
79) Pyrene-d10	12.74	212	690416	22.19	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.36	264	659696	21.76	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.40	94	36048	2.536	ng/ul	97
24) 2,4-Dimethylphenol	7.69	107	21632	1.789	ng/ul	98
28) Naphthalene	8.05	128	296569	8.480	ng/ul	99
34) 2-Methylnaphthalene	8.75	142	154982	6.381	ng/ul	99
45) Dimethylphthalate	9.51	163	544743	20.362	ng/ul	99
50) Acenaphthene	9.83	153	57520	2.438	ng/ul	97
70) Phenanthrene	11.32	178	49039	1.328	ng/ul	98
77) Fluoranthene	12.52	202	60546	1.600	ng/ul	98
80) Pyrene	12.76	202	71954	1.844	ng/ul	97

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

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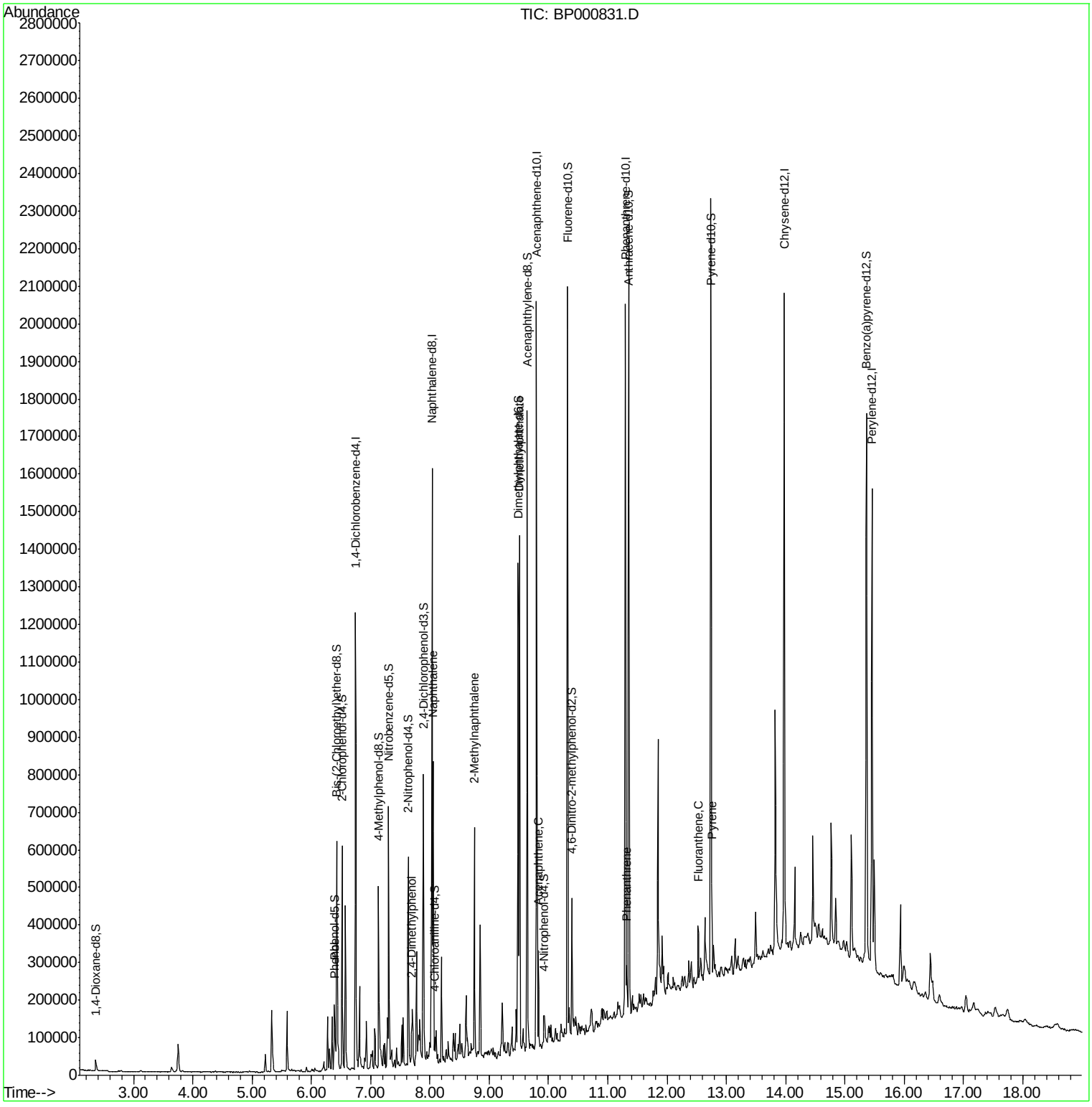
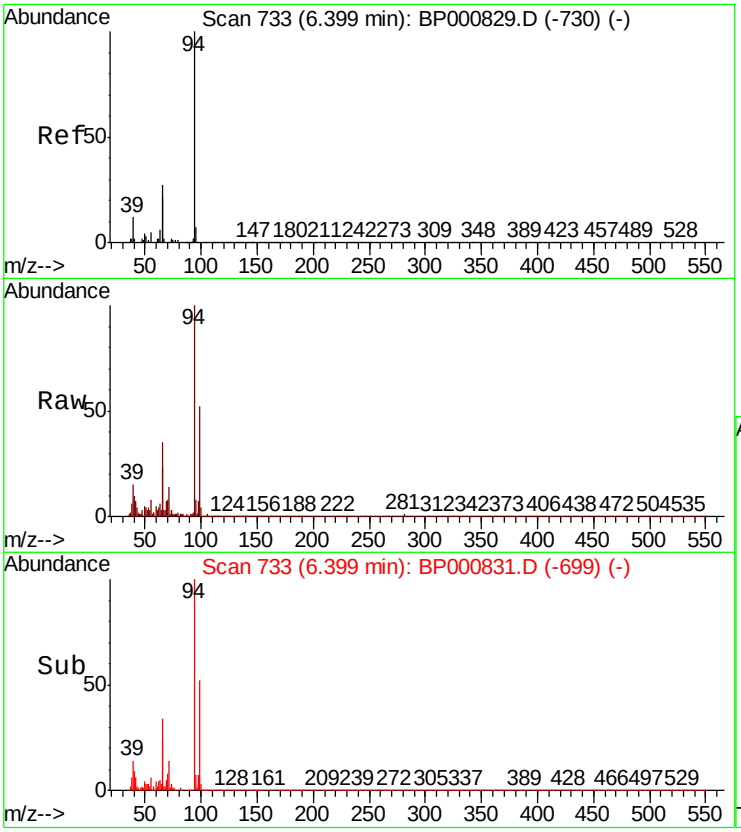


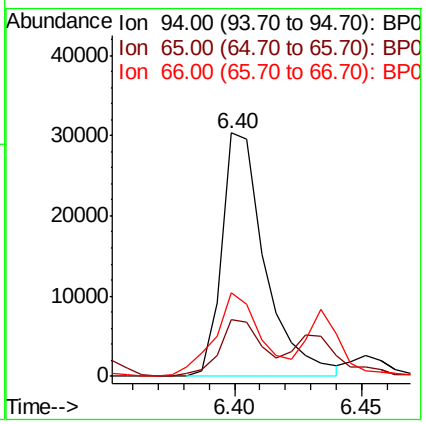


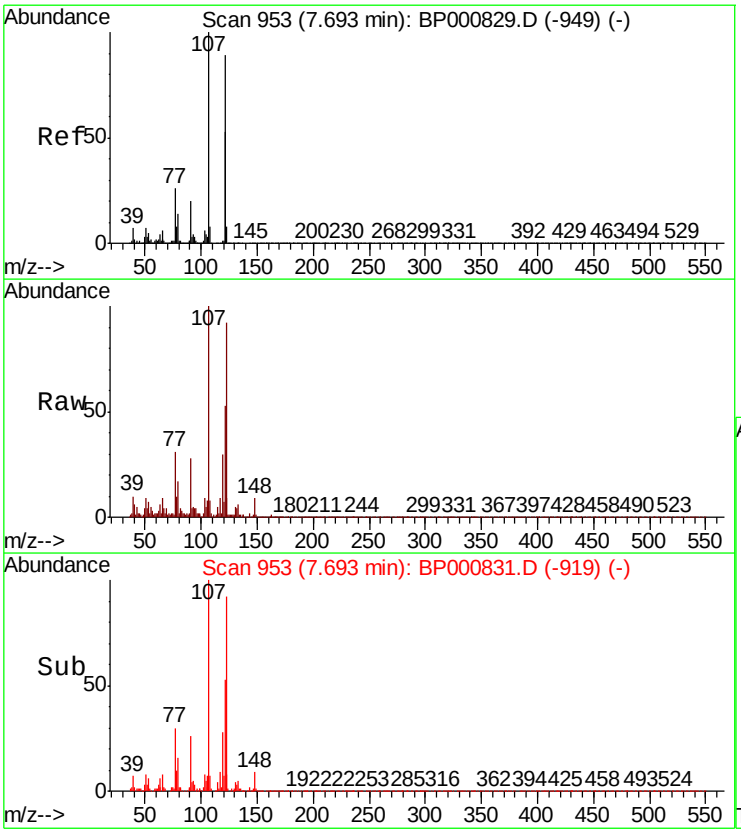
#6
Phenol
Concen: 2.536 ng/ul
RT: 6.40 min Scan# 733
Delta R.T. -0.00 min
Lab File: BP000831.D
Acq: 17 Oct 2019 10:23

Instrument :
BNA_P
ClientSampleId :
BF6L0

Tgt Ion: 94 Resp: 36048

Ion	Ratio	Lower	Upper
94	100		
65	23.2	19.2	28.8
66	34.5	25.7	38.5

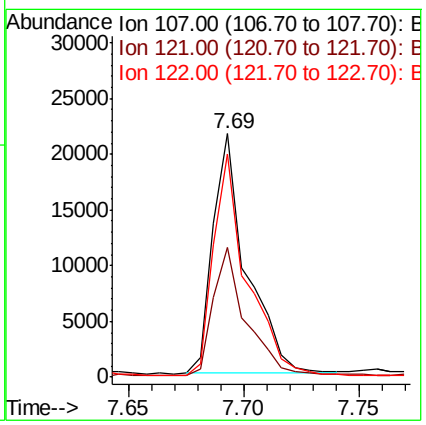


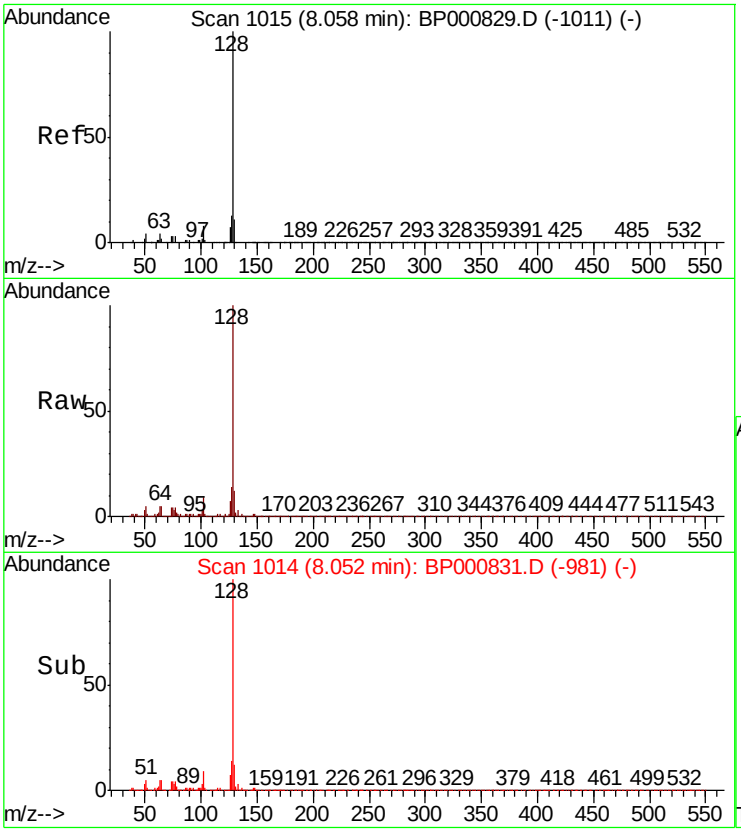


#24
2,4-Dimethylphenol
Concen: 1.789 ng/ul
RT: 7.69 min Scan# 953
Delta R.T. -0.00 min
Lab File: BP000831.D
Acq: 17 Oct 2019 10:23

Tgt Ion:107 Resp: 21632

Ion	Ratio	Lower	Upper
107	100		
121	53.1	41.5	62.3
122	91.6	71.8	107.8



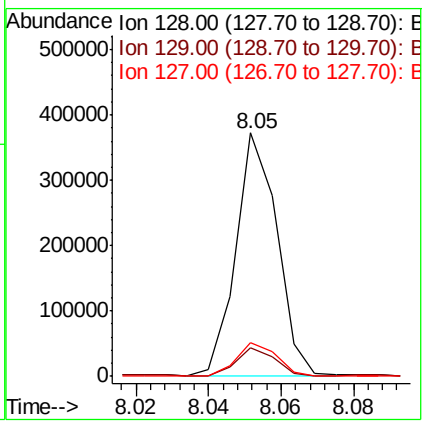


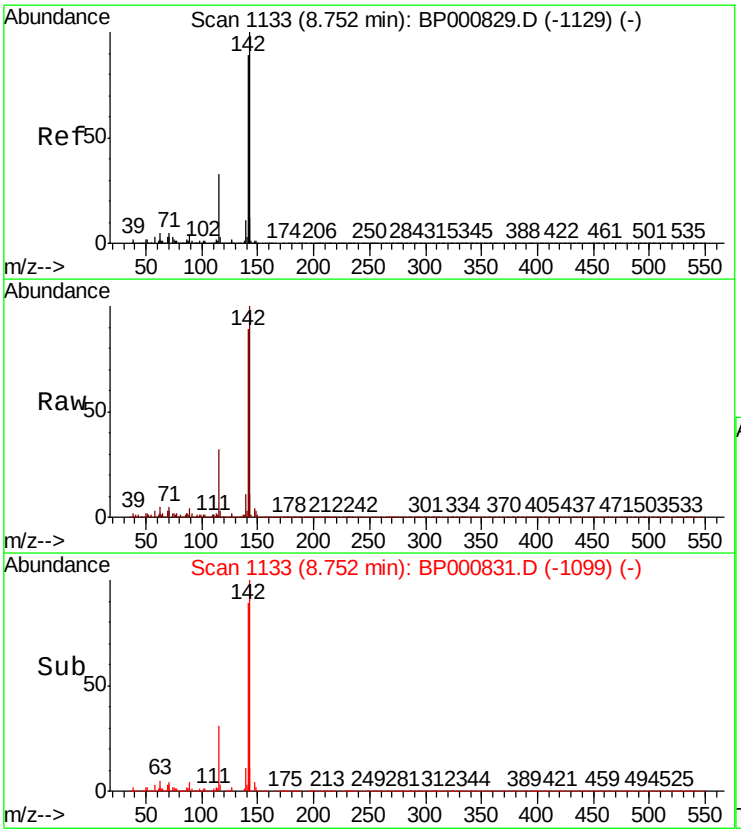
#28
Naphthalene
Concen: 8.480 ng/ul
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BP000831.D
Acq: 17 Oct 2019 10:23

Instrument :
BNA_P
ClientSampleId :
BF6L0

Tgt Ion:128 Resp: 296569

Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.9	13.3
127	13.6	10.5	15.7

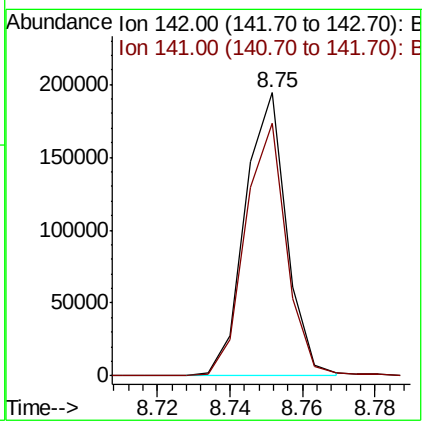


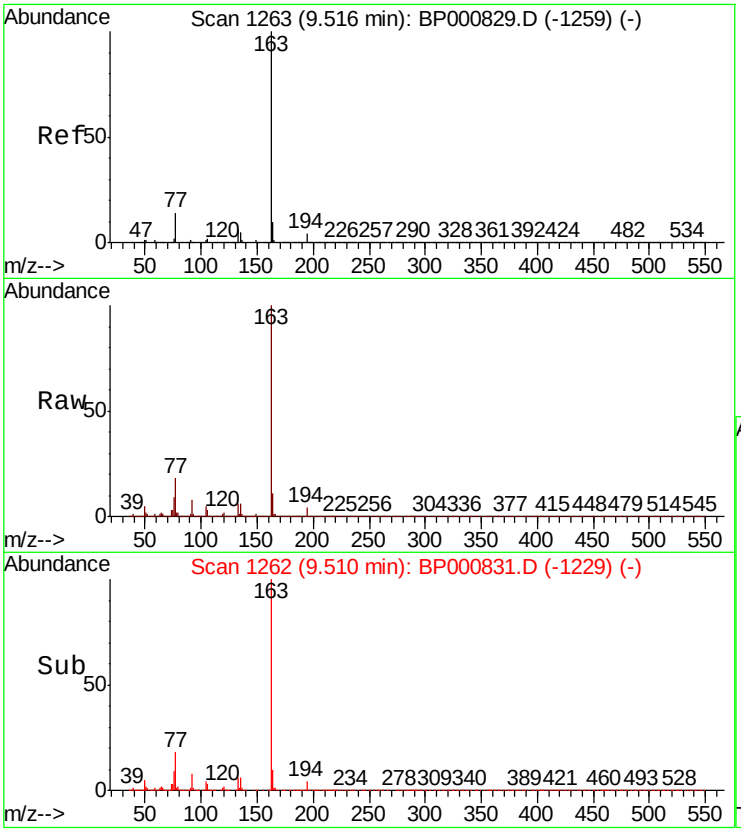


#34
2-Methylnaphthalene
Concen: 6.381 ng/ul
RT: 8.75 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BP000831.D
Acq: 17 Oct 2019 10:23

Tgt Ion:142 Resp: 154982

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.0	106.4



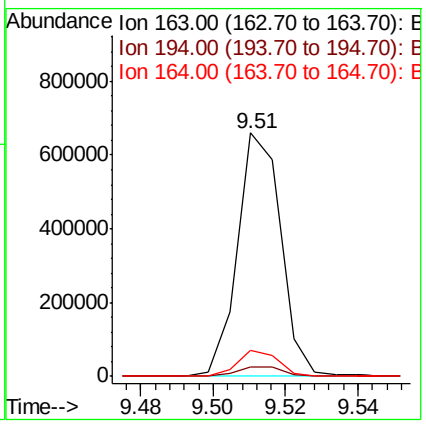


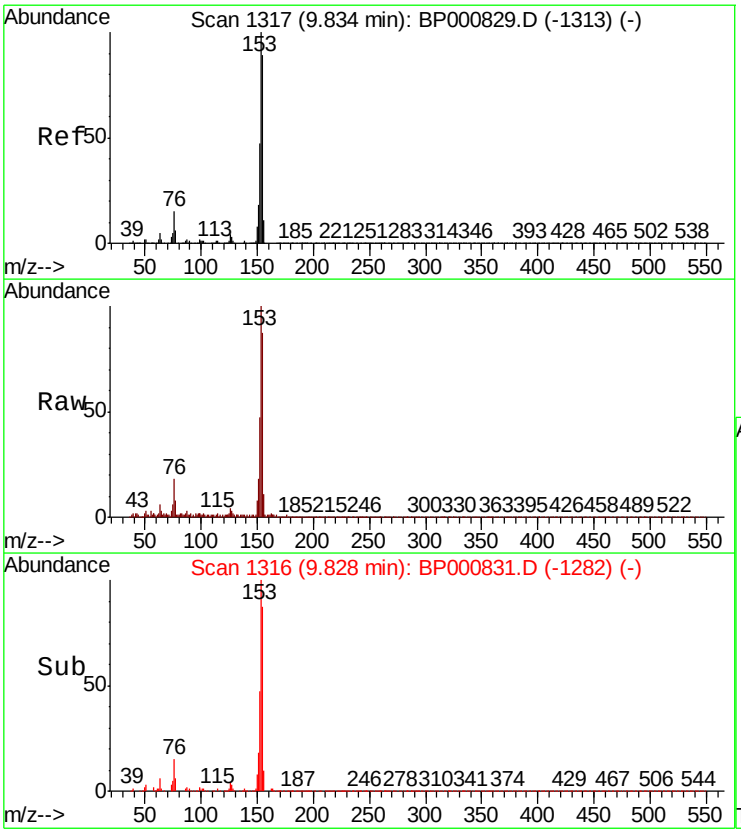
#45
Dimethylphthalate
Concen: 20.362 ng/ul
RT: 9.51 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BP000831.D
Acq: 17 Oct 2019 10:23

Instrument :
BNA_P
ClientSampleId :
BF6L0

Tgt Ion:163 Resp: 544743

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

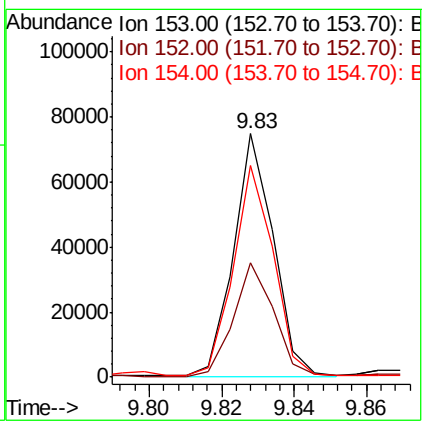


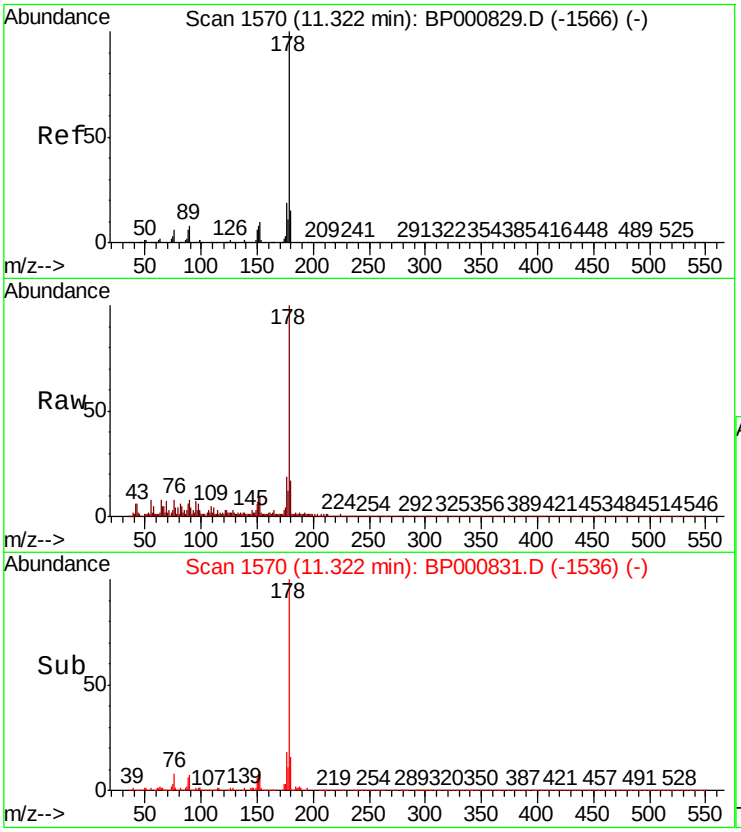


#50
Acenaphthene
Concen: 2.438 ng/ul
RT: 9.83 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BP000831.D
Acq: 17 Oct 2019 10:23

Tgt Ion:153 Resp: 57520

Ion	Ratio	Lower	Upper
153	100		
152	46.9	38.6	57.8
154	86.9	71.9	107.9



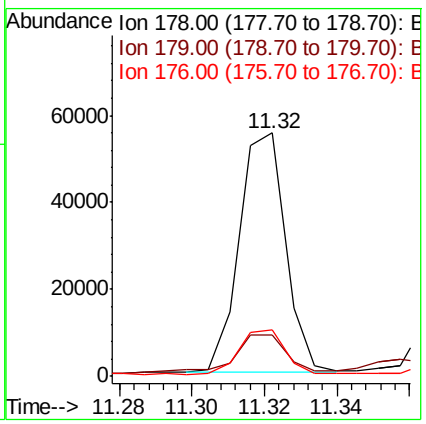


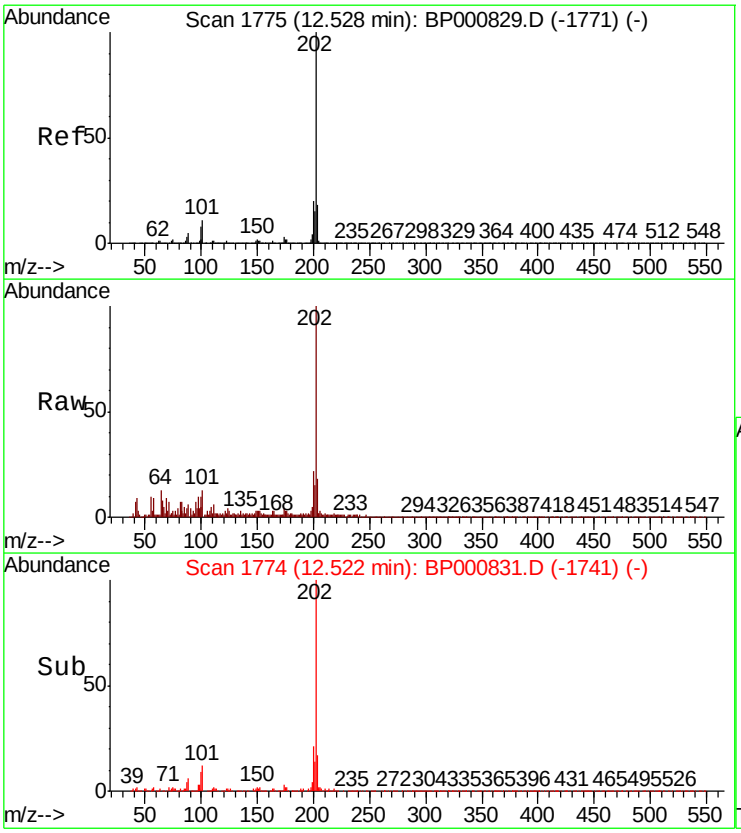
#70
Phenanthrene
Concen: 1.328 ng/ul
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BP000831.D
Acq: 17 Oct 2019 10:23

Instrument :
BNA_P
ClientSampleId :
BF6L0

Tgt Ion:178 Resp: 49039

Ion	Ratio	Lower	Upper
178	100		
179	17.1	12.5	18.7
176	19.0	15.4	23.2

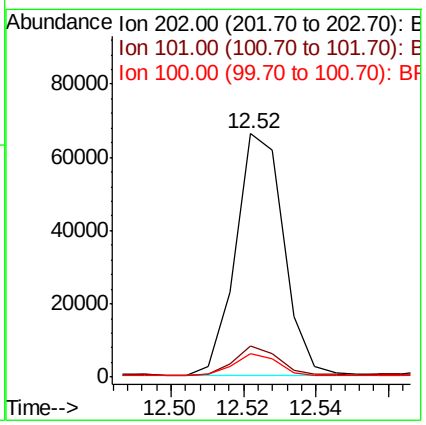


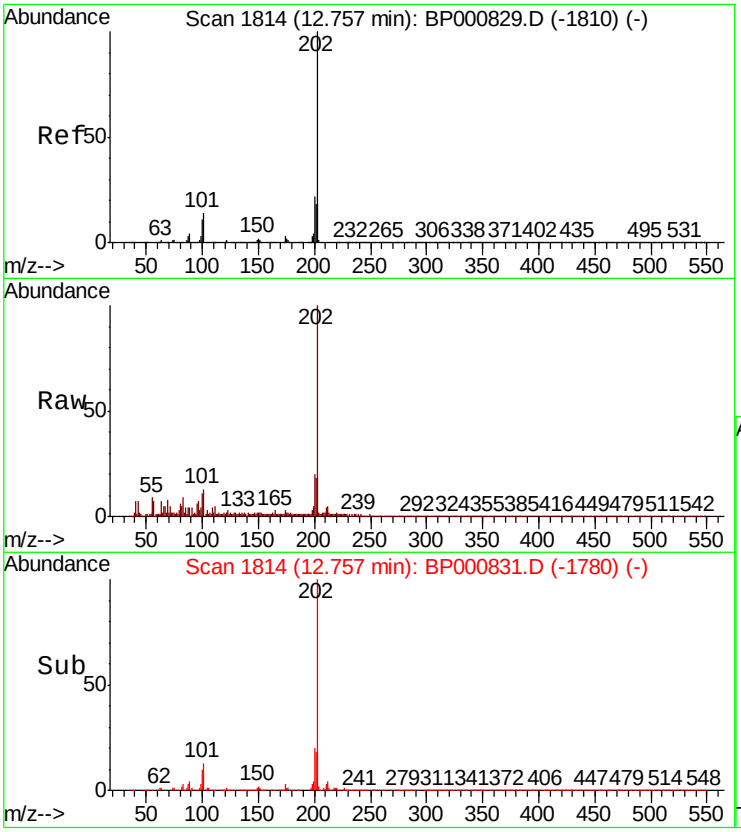


#77
Fluoranthene
Concen: 1.600 ng/ul
RT: 12.52 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BP000831.D
Acq: 17 Oct 2019 10:23

Tgt Ion:202 Resp: 60546

Ion	Ratio	Lower	Upper
202	100		
101	12.8	9.8	14.6
100	9.9	7.2	10.8





#80
Pyrene
Concen: 1.844 ng/ul
RT: 12.76 min Scan# 1814
Delta R.T. -0.00 min
Lab File: BP000831.D
Acq: 17 Oct 2019 10:23

Instrument :
BNA_P
ClientSampleId :
BF6L0

Tgt Ion:202 Resp: 71954

Ion	Ratio	Lower	Upper
202	100		
101	13.3	9.7	14.5
100	10.6	7.8	11.8